

Table 4. LAT 4-year Catalog

Name	3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0000.1+6545	0.038	65.752	117.694	3.403	0.102	0.078	41	6.8	1.0	0.2	13.6	2.1	2.41	0.08	PL	...	3	2FGL J2359.6+6543c	...	...	...
J0000.2-3738	0.061	-37.648	345.411	-74.947	0.073	0.068	-89	5.1	0.2	0.1	2.4	0.7	1.87	0.18	PL	
J0001.0+6314	0.254	63.244	117.293	0.926	0.248	0.160	-65	6.2	0.6	0.1	13.0	1.9	2.73	0.11	PL	...	3,4,5	2FGL J2358.9+6325	...	spp	...		
J0001.2-0748	0.321	-7.816	89.022	-67.324	0.082	0.070	-19	11.3	0.7	0.1	7.8	0.9	2.15	0.09	PL	...	...	2FGL J0000.9-0748 1FGL J0000.9-0745	...	bll	PMN J0001-0746	
J0001.4+2120	0.361	21.338	107.665	-40.047	0.211	0.188	-33	11.4	0.3	0.1	8.1	0.8	2.78	...	LP	T	...	3EG J2359+2041	...	fsrq	TXS 2358+209		
J0001.6+3535	0.404	35.590	111.661	-26.188	0.213	0.167	8	4.2	0.3	0.1	3.4	0.8	2.35	0.19	PL	...	4	
J0002.0-6722	0.524	-67.370	310.139	-49.062	0.102	0.086	69	5.9	0.3	0.1	3.3	0.8	1.95	0.16	PL	
J0002.2-4152	0.562	-41.883	334.070	-72.143	0.217	0.140	68	5.2	0.3	0.1	3.0	0.7	2.09	0.19	PL	...	...	2FGL J0001.7-4159 1FGL J0001.9-4158	...	bcu	1RXS J000135.5-415519	
J0002.6+6218	0.674	62.301	117.302	-0.037	0.061	0.054	-55	18.0	2.8	0.2	18.4	1.7	2.35	...	LP	...	...	2FGL J0002.7+6220	...	...	...
J0003.2-5246	0.815	-52.777	318.976	-62.825	0.070	0.061	-44	5.7	0.3	0.1	3.0	0.8	1.90	0.17	PL	...	...	...	...	bcu	RBS 0006	
J0003.4+3100	0.858	31.008	110.964	-30.745	0.181	0.163	13	6.3	0.3	0.1	4.9	0.8	2.55	0.13	PL	
J0003.5+5721	0.890	57.360	116.486	-4.912	0.089	0.072	1	5.4	0.5	0.1	5.4	1.1	2.18	0.13	PL	
J0003.8-1151	0.959	-11.863	84.432	-71.084	0.130	0.100	-17	4.2	0.2	0.1	2.6	0.7	2.02	0.18	PL	...	...	...	...	bcu	PMN J0004-1148	
J0004.2+0843	1.057	8.727	103.599	-52.363	0.090	0.086	-67	4.7	0.3	0.1	3.0	0.8	2.05	0.19	PL	...	1,4,5	
J0004.2+6757	1.055	67.959	118.509	5.494	0.101	0.090	-70	6.0	0.8	0.1	12.0	2.2	2.50	0.09	PL	
J0004.7-4740	1.181	-47.671	323.816	-67.519	0.090	0.078	-41	14.5	0.7	0.1	9.2	0.8	2.40	0.08	PL	T	...	2FGL J0004.7-4736 1FGL J0004.7-4737	...	fsrq	PKS 0002-478		
J0006.2+0135	1.572	1.585	100.401	-59.297	0.098	0.075	58	5.5	0.3	0.1	3.4	0.8	2.19	0.17	PL	
J0006.4+3825	1.612	38.418	113.332	-23.613	0.225	0.142	32	10.5	0.6	0.1	10.4	1.0	2.62	0.08	PL	T	...	2FGL J0006.1+3821 1FGL J0005.7+3815	...	fsrq	S4 0003+38		
J0006.6+4618	1.651	46.305	114.908	-15.867	0.142	0.115	-79	4.6	0.3	0.1	4.2	1.0	2.42	0.19	PL	
J0007.0+7302	1.766	73.050	119.662	10.461	0.007	0.007	-67	288.7	64.9	0.6	425.6	3.9	1.88	...	EC	...	...	1FHL J0007.3+7303 2FGL J0007.0+7303 1FGL J0007.0+7303 0FGL J0007.4+7303 EGR J0008+7308 1AGL J0006+7311	E	PSR	LAT PSR J0007+7303	
J0007.4+1742	1.869	17.711	108.332	-43.911	0.214	0.169	-19	4.6	0.3	0.1	3.4	0.8	2.31	0.17	PL	
J0007.9+4006	1.983	40.107	113.977	-22.007	0.149	0.119	-80	4.5	0.3	0.1	3.6	0.8	2.28	0.16	PL	
J0008.0+4713	2.017	47.228	115.333	-15.003	0.033	0.030	-13	24.7	2.0	0.1	21.9	1.5	2.02	0.05	PL	...	...	1FHL J0007.7+4709 2FGL J0007.8+4713	...	bll	MG4 J000800+4712	
J0008.3+1456	2.088	14.934	107.679	-46.658	0.143	0.124	60	6.5	0.4	0.1	4.9	0.8	2.27	0.13	PL	...	...	1FGL J0008.3+1452	...	...	...	...
J0008.5+6853	2.141	68.887	119.067	6.338	0.493	0.454	-79	8.4	1.0	0.2	8.8	1.3	2.46	...	LP	...	1,3,9	2FGL J0007.7+6825c	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0008.6–2340	2.174	–23.672	50.280	–79.753	0.074	0.066	–61	6.7	0.2	0.1	3.5	0.9	1.60	0.18	PL	...	...	1FGL J0005.1+6829 1FHL J0008.7–2340 2FGL J0008.7–2344	...	bl	RBS 0016
J0008.7+6558	2.191	65.968	118.601	3.456	0.119	0.097	28	8.7	0.7	0.1	13.2	1.6	2.46	...	LP	...	4,12	2FGL J0010.5+6556c	...	...	...
J0009.1+0630	2.295	6.505	104.489	–54.846	0.068	0.054	–46	9.0	0.5	0.1	6.2	0.9	2.18	0.11	PL	...	...	2FGL J0009.0+0632	...	bl	CRATES J000903.95+062821.5
J0009.3+5030	2.334	50.510	116.116	–11.803	0.020	0.019	18	36.5	3.1	0.1	35.4	1.9	1.93	0.03	PL	T	...	1FGL J0008.9+0635 1FHL J0009.2+5032	...	bl	NVSS J000922+503028
J0009.6–3211	2.402	–32.199	1.252	–79.602	0.146	0.136	19	5.5	0.3	0.1	3.4	0.7	2.31	0.15	PL	...	1	2FGL J0009.1+5030 2FGL J0009.9–3206	...	bcu	IC 1531
J0010.5–1425	2.629	–14.420	84.006	–74.112	0.215	0.150	89	4.3	0.2	0.1	3.0	0.7	2.31	0.15	PL	...	...	...	...	...	...
J0012.4+7040	3.110	70.672	119.687	8.046	0.119	0.092	–58	4.5	0.4	0.1	6.3	1.4	2.48	0.14	PL	...	4	...	...	bcu	TXS 0008+704
J0013.2–3954	3.304	–39.908	332.324	–74.962	0.058	0.051	31	12.0	0.6	0.1	7.0	0.8	2.21	0.09	PL	...	...	2FGL J0012.9–3954 1FGL J0013.1–3952	...	bl	PKS 0010–401
J0013.9–1853	3.476	–18.897	74.627	–78.078	0.062	0.059	56	5.6	0.2	0.1	2.7	0.7	1.94	0.17	PL	...	...	...	P	bl	RBS 0030
J0014.0–5025	3.515	–50.429	317.451	–65.633	0.086	0.073	–38	5.7	0.2	0.1	2.8	0.7	1.92	0.16	PL	...	...	1FGL J0013.7–5022	...	bl	RBS 0032
J0014.3–0455	3.586	–4.920	99.590	–66.096	0.127	0.108	–59	6.3	0.4	0.1	6.5	1.2	2.50	0.13	PL	...	5	...	...	...	...
J0014.6+6119	3.659	61.318	118.530	–1.239	0.065	0.057	20	7.4	0.7	0.1	7.8	1.4	1.89	0.11	PL	...	...	...	...	bcu	4C +60.01
J0014.7+5802	3.683	58.042	118.075	–4.483	0.058	0.052	–72	5.5	0.4	0.1	4.3	1.1	1.91	0.17	PL	...	...	...	...	bl	1RXS J001442.2+580201
J0015.7+5552	3.941	55.875	117.909	–6.649	0.045	0.042	–79	6.4	0.4	0.1	5.0	1.1	2.11	0.14	PL	...	...	...	...	bcu	GB6 J0015+5551
J0016.3–0013	4.078	–0.230	104.079	–61.809	0.110	0.104	42	13.6	0.6	0.1	11.0	0.9	2.62	0.07	PL	T	...	2FGL J0017.4–0018	...	fsrq	S3 0013–00
J0016.5+1713	4.135	17.221	111.141	–44.850	0.216	0.178	80	4.1	0.2	0.1	3.3	0.8	2.44	0.16	PL	...	...	1FGL J0016.6+1706	...	...	...
J0017.1+1445	4.294	14.761	110.672	–47.293	0.085	0.080	88	4.8	0.2	0.1	2.9	0.8	1.88	0.18	PL	...	...	...	...	...	...
J0017.2–0643	4.305	–6.724	99.669	–68.036	0.126	0.103	68	6.2	0.4	0.1	4.3	0.8	2.12	0.14	PL	...	...	...	...	bcu	PMN J0017–0650
J0017.6–0512	4.405	–5.205	101.258	–66.643	0.071	0.066	8	12.0	0.8	0.1	11.8	1.3	2.51	0.08	PL	T	...	2FGL J0017.6–0510 1FGL J0017.4–0510 0FGL J0017.4–0503	...	FSRQ	PMN J0017–0512
J0018.4+2947	4.603	29.794	114.432	–32.532	0.083	0.074	68	5.0	0.2	0.1	2.5	0.7	1.86	0.21	PL	...	...	1FHL J0018.6+2946 2FGL J0018.5+2945 1FGL J0018.6+2945	...	bl	RBS 0042
J0018.9–8152	4.745	–81.877	304.330	–35.163	0.058	0.049	–11	10.7	0.7	0.1	7.3	1.0	2.08	0.10	PL	T	...	2FGL J0018.8–8154	...	bl	PMN J0019–8152
J0019.1–5645	4.797	–56.751	311.732	–59.822	0.117	0.100	19	6.8	0.3	0.1	3.7	0.7	2.39	0.17	PL	...	...	2FGL J0019.4–5645	...	bcu	PMN J0019–5641
J0019.4+2021	4.862	20.366	112.844	–41.878	0.166	0.105	82	5.0	0.3	0.1	3.5	0.8	2.25	0.16	PL	...	...	1FGL J0019.3+2017	...	bl	PKS 0017+200
J0020.9+0323	5.231	3.395	108.198	–58.601	0.058	0.055	–27	5.7	0.2	0.1	3.0	0.9	1.64	0.18	PL	...	...	...	...	...	...
J0021.6–2553	5.415	–25.887	41.811	–83.224	0.057	0.049	15	11.6	0.6	0.1	6.6	0.8	2.10	0.10	PL	...	9	2FGL J0021.6–2551	...	bl	CRATES J002132.55–255049.3

Table 4—Continued

Name	3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																			1FGL J0021.7–2556			
J0021.6–6835	5.409	–68.592	307.012	–48.300	0.478	0.185	47	5.4	0.2	0.1	3.8	0.7	2.65	0.16	PL	...	...	...	...	bcu	PKS 0021–686
J0022.1–1855	5.536	–18.923	82.031	–79.387	0.033	0.031	62	16.7	0.9	0.1	11.1	1.4	1.80	0.07	PL	...	...	1FHL J0022.2–1853	...	bll	1RXS
																					J002209.2–185333	
																			2FGL J0022.2–1853			
																			1FGL J0022.2–1850			
J0022.1–5141	5.548	–51.691	313.620	–64.826	0.050	0.045	–76	13.7	0.7	0.1	7.9	1.0	1.99	0.08	PL	...	...	2FGL J0022.3–5141	...	bll	1RXS
																					J002159.2–514028	
J0022.5+0608	5.643	6.138	110.024	–56.009	0.038	0.034	–82	28.2	2.2	0.1	24.0	1.5	2.07	0.04	PL	T	...	1FHL J0022.5+0607	...	bll	PKS 0019+058	
																			2FGL J0022.5+0607			
																			1FGL J0022.5+0607			
J0022.7+4651	5.687	46.853	117.843	–15.735	0.239	0.188	63	4.2	0.2	0.1	4.2	0.9	2.78	0.19	PL	...	...	...	...	...	...
J0023.4+0923	5.865	9.389	111.455	–52.858	0.085	0.079	–87	13.3	1.1	0.1	7.3	0.8	2.28	...	EC	...	...	2FGL J0023.5+0924	...	PSR	PSR J0023+0923
																			1FGL J0023.5+0930			
J0023.5+4454	5.878	44.905	117.748	–17.685	0.138	0.109	–87	9.0	0.5	0.1	7.4	0.9	2.57	0.10	PL	...	...	2FGL J0023.2+4454	...	fsrq	B3 0020+446 |	
																			1FGL J0023.0+4453			♁
J0023.9–7203	5.982	–72.065	305.916	–44.903	0.027	0.027	–36	46.4	4.1	0.2	26.1	1.3	2.09	...	LP	...	...	2FGL J0023.9–7204	...	glc	47 Tuc |	
																			1FGL J0023.9–7204			
																			0FGL J0025.1–7202			
J0024.4+0350	6.110	3.843	110.020	–58.350	0.126	0.105	33	5.7	0.4	0.1	4.7	0.9	2.28	0.12	PL	T	...	2FGL J0024.5+0346	...	fsrq	GB6 J0024+0349	
																			1FGL J0024.6+0346			
J0025.7+6404	6.433	64.069	120.126	1.338	0.141	0.097	–57	4.4	0.6	0.1	6.3	1.5	2.09	0.14	PL	...	...	...	P	snr	Tycho
J0026.2–4812	6.557	–48.210	314.371	–68.355	0.176	0.109	–68	6.0	0.3	0.1	3.6	0.7	2.19	0.15	PL	...	...	...	...	...	...
J0026.7–4603	6.685	–46.060	315.817	–70.446	0.165	0.108	7	5.1	0.2	0.1	2.9	0.6	2.45	0.18	PL	...	1	...	...	bll	1RXS
																					J002636.3–460101	
J0028.6+7507	7.161	75.119	121.437	12.313	0.091	0.074	88	7.3	0.5	0.1	6.8	1.0	2.34	0.11	PL	...	...	...	...	bcu	GB6 J0028+7506
J0028.8+1951	7.201	19.851	115.683	–42.702	0.207	0.122	2	6.3	0.4	0.1	5.2	0.8	2.43	0.12	PL	...	9	...	...	bcu	TXS 0025+197
J0029.1–7045	7.296	–70.756	305.581	–46.258	0.064	0.057	58	12.1	0.7	0.1	8.0	0.9	2.28	0.10	PL	T	...	2FGL J0029.2–7043	...	bll	PKS 0026–710	
J0030.2–1646	7.566	–16.775	96.521	–78.546	0.043	0.040	4	9.2	0.3	0.1	4.8	1.1	1.65	0.13	PL	...	...	1FHL J0030.1–1647	...	bcu	1RXS
																					J003019.6–164723	
J0030.3–4223	7.589	–42.395	317.302	–74.140	0.053	0.052	62	28.8	1.2	0.1	19.8	0.9	2.58	0.04	PL	T	...	2FGL J0030.2–4223	...	fsrq	PKS 0027–426	
																			1FGL J0029.9–4221			
J0030.4+0451	7.616	4.866	113.147	–57.607	0.021	0.020	41	80.8	9.8	0.3	60.7	1.5	2.04	...	EC	...	...	2FGL J0030.4+0450	...	PSR	PSR J0030+0451
																			1FGL J0030.4+0451			
																			0FGL J0030.3+0450			
J0030.7–0209	7.698	–2.157	110.859	–64.544	0.071	0.069	–75	15.0	0.9	0.1	11.3	1.0	2.38	0.07	PL	T	...	...	...	bcu	PKS B0027–024
J0031.2–2320	7.813	–23.343	71.502	–84.071	0.180	0.142	–65	4.2	0.2	0.1	2.7	0.7	2.14	0.17	PL	...	...	...	...	...	...
J0031.3+0724	7.830	7.415	114.189	–55.115	0.079	0.065	–52	5.1	0.2	0.1	2.7	0.8	1.82	0.19	PL	...	...	2FGL J0031.0+0724	...	bcu	NVSS
																					J003119+072456	
J0031.6+0938	7.923	9.648	114.845	–52.914	0.094	0.090	–61	5.1	0.2	0.1	4.3	0.9	2.66	0.16	PL	...	...	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0032.3–2852	8.090	–28.877	9.275	–85.441	0.078	0.073	–87	4.9	0.2	0.1	2.6	0.6	2.19	0.18	PL	...	...	...	...	bl	PMN J0032–2849
J0032.3–5522	8.094	–55.369	308.619	–61.549	0.055	0.047	16	18.1	0.9	0.1	11.1	0.9	2.27	0.07	PL	T	...	2FGL J0032.7–5521 1FGL J0032.7–5519	...	...	...
J0032.5+3912	8.146	39.213	118.951	–23.513	0.088	0.083	–62	5.0	0.2	0.1	3.8	0.8	2.56	0.17	PL	...	...	...	...	...	...
J0033.6–1921	8.402	–19.364	94.212	–81.224	0.019	0.019	–73	39.2	2.8	0.1	37.0	2.6	1.71	0.04	PL	...	...	1FHL J0033.6–1921 2FGL J0033.5–1921 1FGL J0033.5–1921 0FGL J0033.6–1921	P	bl	KUV 00311–1938
J0034.3–0534	8.590	–5.582	111.487	–68.074	0.045	0.042	70	28.9	2.4	0.2	18.0	1.0	2.21	...	EC	...	...	2FGL J0034.4–0534 1FGL J0034.3–0534	...	PSR	PSR J0034–0534
J0035.2+1513	8.809	15.222	117.146	–47.467	0.043	0.038	–79	14.0	0.8	0.1	10.2	1.4	1.81	0.09	PL	...	...	1FHL J0035.2+1514 2FGL J0035.2+1515 1FGL J0035.1+1516	...	bl	RX J0035.2+1515
J0035.9+5949	8.989	59.832	120.986	–2.981	0.018	0.017	–67	27.5	2.7	0.2	30.9	2.0	1.90	0.04	PL	...	...	1FHL J0035.9+5950 2FGL J0035.8+5951 1FGL J0035.9+5951 0FGL J0036.7+5951	P	bl	IES 0033+595
J0037.9+1239	9.477	12.652	117.785	–50.085	0.045	0.042	–25	13.3	0.9	0.1	10.2	1.1	2.15	0.08	PL	...	...	1FHL J0037.8+1238 2FGL J0037.8+1238 1FGL J0038.0+1236	...	bl	NVSS J003750+123818
J0038.0+0012	9.523	0.209	115.697	–62.475	0.089	0.071	64	7.5	0.4	0.1	4.7	0.8	2.16	0.12	PL	...	...	2FGL J0038.1+0015	...	bl	NVSS J003808+001336
J0038.0–2501	9.509	–25.032	67.046	–86.333	0.106	0.101	–80	10.1	0.5	0.1	6.6	0.8	2.44	0.09	PL	T	...	2FGL J0038.3–2457 1FGL J0038.4–2504	...	fsrq	PKS 0035–252
J0039.0–2218	9.750	–22.307	91.911	–84.413	0.105	0.094	–35	4.4	0.2	0.1	2.3	0.8	1.72	0.20	PL	...	...	2FGL J0038.7–2215	...	bcu	PMN J0039–2220
J0039.1+4330	9.798	43.502	120.580	–19.314	0.057	0.053	54	7.0	0.3	0.1	3.8	0.8	1.96	0.14	PL	...	...	2FGL J0039.1+4331 1FGL J0039.2+4331	...	bcu	NVSS J003907+433015
J0039.1–0939	9.782	–9.658	112.914	–72.290	0.283	0.144	87	4.8	0.2	0.1	3.9	0.8	2.59	0.15	PL	...	...	3EG J0038–0949 EGR J0039–0945	...	fsrq	TXS 0036–099
J0039.3+6256	9.834	62.942	121.557	0.102	0.056	0.054	–27	12.0	2.1	0.2	9.1	1.1	2.12	...	LP	...	...	2FGL J0038.8+6259 1FGL J0038.6+6306	...	...	...
J0040.3+4049	10.083	40.818	120.666	–22.005	0.043	0.040	70	6.4	0.1	0.1	2.5	0.9	1.13	0.33	PL	...	...	1FHL J0040.3+4049	...	bcu	B3 0037+405
J0040.5–2339	10.147	–23.651	87.170	–85.747	0.089	0.074	36	4.3	0.2	0.1	2.1	0.7	1.95	0.19	PL	...	...	...	...	bcu	PMN J0040–2340
J0041.9+3639	10.500	36.662	120.824	–26.171	0.070	0.067	46	4.6	0.2	0.1	2.5	0.7	1.98	0.21	PL	...	...	...	...	bl	RX J0042.0+3641
J0042.0+2318	10.518	23.305	120.145	–39.516	0.200	0.118	–30	6.1	0.4	0.1	4.6	0.8	2.35	0.13	PL	...	...	1FGL J0041.9+2318	...	fsrq	PKS 0039+230
J0042.5+4117	10.629	41.296	121.131	–21.545	0.165	0.133	–42	5.8	0.4	0.1	5.9	0.9	2.56	0.11	PL	...	...	2FGL J0042.5+4114	...	gal	M31

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0043.5–0444	10.892	–4.740	117.796	–67.533	0.062	0.053	59	5.8	0.2	0.1	3.0	0.9	1.73	0.23	PL	...	...	...	...	bcu	1RXS J004333.7–044257
J0043.7–1117	10.935	–11.288	116.047	–74.057	0.074	0.068	1	5.9	0.2	0.1	3.7	1.1	1.59	0.16	PL	...	...	1FHL J0044.0–1111	...	bcu	1RXS J004349.3–111612
J0043.8+3425	10.969	34.429	121.160	–28.416	0.035	0.033	–85	22.6	1.6	0.1	17.9	1.3	2.04	0.05	PL	T	...	1FHL J0043.7+3425 2FGL J0043.7+3426 1FGL J0043.6+3424	...	fsrq	GB6 J0043+3426
J0045.2–3704	11.311	–37.080	310.037	–79.963	0.094	0.079	–35	13.6	0.6	0.1	8.7	0.8	2.54	0.08	PL	T	...	2FGL J0044.7–3702	...	bcu	PKS 0042–373
J0045.3+2126	11.349	21.446	121.059	–41.404	0.026	0.024	29	22.3	1.4	0.1	16.1	1.4	1.90	0.06	PL	...	...	1FHL J0045.2+2126 2FGL J0045.3+2127 1FGL J0045.3+2127	...	bl	GB6 J0045+2127
J0045.7+1217	11.435	12.288	120.741	–50.559	0.038	0.036	–87	14.5	1.0	0.1	10.8	1.2	1.96	0.08	PL	...	...	2FGL J0045.5+1218	...	bl	GB6 J0045+1217
J0046.7–8419	11.688	–84.320	303.070	–32.807	0.155	0.124	75	6.2	0.3	0.1	6.5	1.0	2.82	0.13	PL	...	...	2FGL J0046.7–8416 1FGL J0048.0–8412	...	fsrq	PKS 0044–84
J0047.0+5658	11.767	56.972	122.334	–5.895	0.042	0.038	73	18.1	1.6	0.1	18.3	1.3	2.22	0.05	PL	T	3	2FGL J0047.2+5657 1FGL J0046.8+5658	...	bl	GB6 J0047+5657
J0047.5–2516	11.887	–25.275	97.502	–87.952	0.097	0.068	–79	12.9	0.8	0.1	8.6	0.9	2.17	0.08	PL	...	...	2FGL J0047.0–2516 1FGL J0047.3–2512	P	sbg	NGC 253 C
J0047.9+5447	11.984	54.797	122.423	–8.071	0.066	0.054	–23	5.0	0.1	0.1	2.9	1.0	1.33	0.27	PL	...	...	...	...	bcu	1RXS J004754.5+544758
J0048.0+2236	12.013	22.601	121.909	–40.264	0.081	0.065	9	14.2	0.9	0.1	11.7	1.0	2.33	0.07	PL	T	...	2FGL J0047.9+2232 1FGL J0048.0+2232	...	fsrq	NVSS J004802+223525
J0048.0+3950	12.007	39.843	122.221	–23.024	0.077	0.054	–12	9.2	0.5	0.1	5.8	1.0	1.88	0.12	PL	...	...	...	...	bl	B3 0045+395
J0048.1–6343	12.050	–63.732	303.533	–53.393	0.138	0.099	–9	6.8	0.3	0.1	3.9	0.7	2.11	0.14	PL	...	...	2FGL J0048.8–6347	...	...	...
J0049.0+4224	12.253	42.413	122.455	–20.456	0.047	0.041	70	6.9	0.3	0.1	3.3	0.8	1.77	0.17	PL	...	...	...	...	...	...
J0049.4–4149	12.360	–41.825	304.397	–75.298	0.085	0.068	–62	5.7	0.3	0.1	2.8	0.7	2.15	0.22	PL	...	...	...	...	bcu	1RXS J004939.9–415133
J0049.4–5401	12.353	–54.022	303.589	–63.103	0.093	0.084	38	6.0	0.3	0.1	3.1	0.7	2.14	0.16	PL	...	...	...	...	bcu	PMN J0049–5402
J0049.7+0237	12.441	2.625	122.091	–60.244	0.078	0.056	–42	13.1	0.8	0.1	9.3	0.9	2.24	0.08	PL	T	...	2FGL J0050.2+0234 1FGL J0050.2+0235	...	bl	PKS 0047+023
J0049.8–5737	12.463	–57.625	303.351	–59.503	0.057	0.056	6	10.1	0.4	0.1	6.1	0.8	2.46	0.11	PL	...	...	2FGL J0049.7–5738 1FGL J0049.8–5738	...	fsrq	PKS 0047–579
J0050.0–4458	12.514	–44.972	303.730	–72.154	0.150	0.140	26	6.1	0.2	0.1	3.8	0.7	2.53	0.15	PL	...	...	...	...	bcu	PMN J0049–4457
J0050.4–0449	12.621	–4.832	122.307	–67.703	0.113	0.100	45	9.0	0.5	0.1	7.5	1.0	2.45	0.11	PL	...	...	2FGL J0050.1–0452 1FGL J0050.0–0446	...	fsrq	PKS 0047–051
J0050.6–0929	12.674	–9.485	122.331	–72.356	0.027	0.026	–79	42.0	3.6	0.2	40.3	1.8	2.09	0.03	PL	T	...	1FHL J0050.6–0930 2FGL J0050.6–0929 1FGL J0050.6–0928 0FGL J0050.5–0928	...	BLL	PKS 0048–09

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0051.0–0649	12.766	–6.818	122.665	–69.689	0.063	0.059	–74	18.4	1.4	0.1	11.9	1.1	2.29	...	LP	T	...	2FGL J0051.0–0648 1FGL J0051.1–0649 0FGL J0051.1–0647	...	fsrq	PKS 0048–071	
J0051.2–6241	12.820	–62.688	302.963	–54.440	0.029	0.026	32	23.4	1.2	0.1	16.5	1.7	1.66	0.06	PL	...	...	1FHL J0051.3–6240 2FGL J0051.4–6241 1FGL J0051.4–6242	...	bcu	1RXS J005117.7–624154
J0051.6+6445	12.904	64.759	122.951	1.888	0.072	0.059	49	5.6	0.7	0.1	8.2	1.6	2.28	0.12	PL	...	3,4
J0054.8–2455	13.723	–24.924	142.526	–87.662	0.042	0.032	17	15.8	0.8	0.1	10.5	1.4	1.78	0.08	PL	...	...	1FHL J0054.8–2456 2FGL J0055.0–2454 1FGL J0054.9–2455	...	bll	FRBA J0054–2455
J0055.2–1213	13.801	–12.233	126.510	–75.078	0.138	0.117	–64	4.7	0.2	0.1	3.2	0.7	2.40	0.17	PL	...	...	...	...	bcu	TXS 0052–125
J0056.3–0935	14.090	–9.594	126.954	–72.427	0.062	0.051	25	9.9	0.5	0.1	6.5	1.2	1.79	0.12	PL	...	...	...	...	bll	TXS 0053–098
J0056.3–2116	14.076	–21.280	133.935	–84.048	0.057	0.051	–88	12.0	0.6	0.1	7.7	1.2	1.81	0.09	PL	...	...	2FGL J0056.8–2111 ...	...	bll	PMN J0056–2117
J0057.9–0542	14.483	–5.708	127.349	–68.524	0.169	0.127	–20	5.2	0.3	0.1	4.2	0.9	2.42	0.17	PL	...	1	...	...	fsrq	PKS 0055–059
J0058.0–3233	14.513	–32.567	288.564	–84.376	0.045	0.042	50	20.5	1.2	0.1	13.6	1.1	2.06	0.06	PL	...	...	1FHL J0058.6–3236 2FGL J0057.9–3236 1FGL J0058.4–3235	...	bll	PKS 0055+328
J0058.3+3315	14.587	33.267	124.594	–29.583	0.111	0.098	–68	8.3	0.5	0.1	6.2	0.8	2.41	0.11	PL	T	...	2FGL J0057.9+3311 1FGL J0058.0+3314	...	fsrq	MG3 J005830+3311	
J0059.0–7242e	14.750	–72.700	302.145	–44.417	...	...	...	27.9	3.5	0.2	40.4	2.0	2.22	0.03	PL	...	3	2FGL J0059.0–7242e 1FGL J0101.3–7257	...	GAL	SMC
J0059.1–5701	14.796	–57.022	300.819	–60.075	0.168	0.140	49	11.2	0.5	0.1	8.5	0.9	2.62	0.08	PL	...	3	2FGL J0059.7–5700	...	bcu	PKS 0056–572	
J0059.2–0152	14.808	–1.883	127.492	–64.686	0.070	0.067	32	6.0	0.3	0.1	3.4	0.9	1.74	0.20	PL	...	...	2FGL J0059.2–0151	...	bll	1RXS J005916.3–015030
J0059.6+0003	14.905	0.052	127.404	–62.749	0.233	0.193	–54	4.5	0.3	0.1	3.8	0.8	2.48	0.16	PL	...	...	...	...	fsrq	PKS 0056–00
J0100.2+0745	15.068	7.766	126.753	–55.040	0.030	0.029	–69	23.1	1.6	0.1	19.3	1.8	1.80	0.05	PL	T	...	1FHL J0100.2+0747 2FGL J0100.2+0746 1FGL J0100.2+0747 0FGL J0100.2+0750	...	bll	GB6 J0100+0745	
J0101.0–6422	15.271	–64.373	301.210	–52.723	0.040	0.040	–64	26.9	1.9	0.1	12.5	0.9	2.16	...	EC	...	...	2FGL J0101.2–6425 1FGL J0101.0–6423	...	PSR	PSR J0101–6422
J0102.1+0943	15.540	9.728	127.331	–53.052	0.082	0.067	–53	7.1	0.5	0.1	5.2	0.9	2.07	0.13	PL	...	...	2FGL J0102.2+0943 1FGL J0102.3+0942	...	...	...
J0102.1+4458	15.537	44.972	124.922	–17.859	0.175	0.121	42	4.1	0.3	0.1	3.0	0.8	2.27	0.21	PL	...	9	...	...	...	...
J0102.3+4217	15.595	42.289	125.093	–20.537	0.124	0.108	10	12.7	0.5	0.1	10.0	0.9	2.69	0.08	PL	T	...	2FGL J0102.3+4216	...	fsrq	GB6 J0102+4214	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0102.8+4840	15.701	48.673	124.867	-14.156	0.038	0.036	27	20.3	2.2	0.2	16.8	1.4	2.20	...	EC	...	...	1FGL J0102.2+4223 2FGL J0102.9+4838	...	PSR	PSR J0102+4839
J0102.8+5825	15.704	58.424	124.426	-4.414	0.020	0.019	1	51.5	6.2	0.2	59.5	1.9	2.25	...	LP	T	...	1FGL J0103.1+4840 2FGL J0102.7+5827	...	fsrq	TXS 0059+581
J0103.4+5336	15.864	53.615	124.737	-9.214	0.045	0.040	-50	10.4	0.7	0.1	7.6	1.0	2.04	0.10	PL	...	...	1FGL J0102.8+5827 1FHL J0103.4+5336	...	bll	1RXS J010325.9+533721
J0103.7+1323	15.941	13.392	127.539	-49.369	0.082	0.068	-48	7.1	0.4	0.1	4.3	0.8	1.98	0.14	PL	...	...	2FGL J0103.5+5336 2FGL J0103.8+1324	...	bcu	NVSS J010345+132346
J0105.1-2415	16.291	-24.259	170.832	-85.783	0.119	0.102	32	13.2	0.5	0.1	9.2	0.8	2.61	0.08	PL	T	...	2FGL J0105.0-2411 1FGL J0104.4-2406	...	fsrq	PKS 0102-245
J0105.3+3928	16.330	39.472	125.850	-23.321	0.092	0.083	-84	8.1	0.4	0.1	5.5	0.8	2.33	0.11	PL	...	...	2FGL J0105.3+3930 1FGL J0105.7+3930	...	bll	GB6 J0105+3928
J0106.5+4855	16.627	48.924	125.481	-13.873	0.034	0.032	-17	27.5	3.4	0.2	19.1	1.4	2.11	...	EC	...	...	2FGL J0106.5+4854 1FGL J0106.7+4853	...	PSR	LAT PSR J0106+4855
J0107.0-1208	16.770	-12.142	137.448	-74.572	0.123	0.107	-59	5.1	0.3	0.1	3.3	0.8	2.18	0.17	PL	...	...	...	...	bcu	PMN J0107+1211
J0108.5-0035	17.140	-0.594	132.444	-63.149	0.233	0.200	81	4.2	0.3	0.1	3.5	0.8	2.39	0.17	PL	...	...	...	...	fsrq	PKS 0105-008
J0108.7+0134	17.180	1.579	131.868	-60.992	0.026	0.025	-88	71.7	5.3	0.2	63.8	1.7	2.39	...	LP	T	...	1FHL J0108.4+0134 2FGL J0108.6+0135 1FGL J0108.6+0135	...	fsrq	4C +01.02
J0109.1+1816	17.278	18.270	128.810	-44.400	0.047	0.043	-66	10.5	0.6	0.1	6.3	0.9	2.04	0.11	PL	...	...	2FGL J0109.0+1817 1FGL J0109.0+1816	...	bll	MG1 J010908+1816
J0109.8+6132	17.468	61.549	125.127	-1.244	0.033	0.032	-6	36.5	3.6	0.2	50.9	1.8	2.54	...	LP	T	...	2FGL J0109.9+6132	...	fsrq	TXS 0106+612
J0109.9-4020	17.482	-40.334	287.950	-76.252	0.052	0.046	84	7.7	0.3	0.1	3.5	0.9	1.73	0.16	PL	...	...	1FHL J0110.0-4023 1FGL J0110.0-4023	...	bll	RBS 0158
J0110.2+6806	17.575	68.115	124.696	5.308	0.025	0.022	-14	19.9	1.9	0.2	21.5	1.7	1.99	0.06	PL	...	...	1FHL J0110.3+6805 2FGL J0110.3+6805 1FGL J0110.0+6806	...	bll	4C +67.04
J0110.9-1254	17.735	-12.913	141.688	-75.069	0.081	0.069	-57	5.8	0.3	0.1	3.3	0.8	1.93	0.19	PL	...	...	...	...	bll	1RXS J011050.0-125455
J0111.5+0535	17.877	5.586	132.112	-56.928	0.083	0.078	7	5.2	0.3	0.1	2.9	0.8	1.92	0.19	PL	...	...	...	...	bll	1RXS J011130.5+053612
J0112.1+2245	18.027	22.759	129.144	-39.863	0.016	0.015	18	81.1	8.7	0.2	77.8	2.7	2.03	...	LP	T	...	1FHL J0112.0+2244 2FGL J0112.1+2245 1FGL J0112.0+2247 0FGL J0112.1+2247	...	BLL	S2 0109+22
J0112.8+3207	18.210	32.127	128.193	-30.526	0.028	0.026	-85	44.5	3.0	0.1	38.7	1.3	2.36	0.03	PL	T	...	1FHL J0112.9+3207 2FGL J0112.8+3208	...	fsrq	4C +31.03

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J0112.9+3207			
J0112.9–7506	18.244	–75.105	301.074	–41.945	0.121	0.098	9	5.4	0.3	0.1	3.3	0.7	2.17	0.17	PL	...	...	...	...	...	...
J0113.0–3554	18.256	–35.901	276.632	–80.098	0.126	0.101	14	7.7	0.3	0.1	4.7	0.7	2.50	0.12	PL	T	...	2FGL J0113.2–3557	...	fsrq	PMN J0113–3551
J0113.4+4948	18.372	49.815	126.579	–12.901	0.054	0.049	–34	12.2	0.9	0.1	10.4	1.1	2.30	0.08	PL	...	...	2FGL J0113.7+4948	...	fsrq	S4 0110+49
																		1FGL J0113.8+4945			
J0114.8+1326	18.716	13.434	131.641	–49.041	0.044	0.041	–88	19.0	1.3	0.1	14.5	1.2	2.08	0.06	PL	T	...	2FGL J0114.7+1326	...	bll	GB6 J0114+1325
																		1FGL J0114.4+1327			
J0114.8+1917	18.710	19.295	130.520	–43.232	0.149	0.122	–86	4.1	0.2	0.1	2.9	0.8	2.31	0.23	PL	...	...	...	...	...	...
J0115.7+0356	18.937	3.941	134.555	–58.381	0.045	0.044	18	17.5	1.2	0.1	13.4	1.2	2.12	0.06	PL	...	...	2FGL J0115.4+0358	...	bll	PMN J0115+0356
																		1FGL J0115.7+0357			
																		EGR J0117+0254			
J0115.8+2519	18.955	25.330	129.855	–37.214	0.029	0.028	–0	17.0	1.2	0.1	12.9	1.3	1.99	0.08	PL	...	...	1FHL J0115.6+2520	...	bll	RX J0115.7+2519
																		2FGL J0115.7+2518			
																		1FGL J0115.5+2519			
J0116.0–1134	19.013	–11.578	144.514	–73.410	0.062	0.059	–68	19.9	1.2	0.1	15.1	1.0	2.34	0.05	PL	T	...	2FGL J0116.0–1134	...	fsrq	PKS 0113–118
																		1FGL J0115.5–1132			∞
J0116.2–2744	19.066	–27.740	220.697	–84.458	0.082	0.075	42	5.5	0.3	0.1	3.1	0.7	2.02	0.17	PL	...	...	...	...	bcu	1RXS J011555.6–274428
J0116.3–6153	19.099	–61.891	297.811	–54.989	0.044	0.040	36	9.9	0.4	0.1	4.7	0.8	1.96	0.13	PL	...	...	2FGL J0116.6–6153	...	bll	SUMSS J011619–615343
J0116.8+6913	19.220	69.228	125.198	6.468	0.434	0.228	–71	5.1	0.4	0.1	8.7	1.6	2.76	0.13	PL	...	5	...	...	...	...
J0117.8–2113	19.452	–21.218	169.830	–81.571	0.087	0.069	–0	9.4	0.8	0.1	10.4	1.5	2.32	0.10	PL	...	5	...	...	fsrq	PKS 0115–214
J0118.8–2142	19.707	–21.708	173.394	–81.741	0.036	0.034	–59	28.4	3.0	0.2	28.5	1.8	2.28	...	LP	T	...	0FGL J0118.7–2139	...	fsrq	PKS 0116–219
																		1FGL J0118.7–2137			
																		2FGL J0118.8–2142			
J0118.9–1457	19.730	–14.964	152.044	–76.257	0.068	0.066	67	7.3	0.3	0.1	3.7	0.9	1.79	0.16	PL	...	...	1FHL J0118.5–1502	...	bll	1RXS J011905.4–145906
J0120.4–2700	20.124	–27.015	213.585	–83.531	0.021	0.020	–9	45.6	3.7	0.2	42.4	2.2	1.91	0.03	PL	T	...	1FHL J0120.4–2701	...	bll	PKS 0118–272
																		2FGL J0120.4–2700			
																		1FGL J0120.5–2700			
																		0FGL J0120.5–2703			
J0121.7+5154	20.449	51.905	127.689	–10.686	0.051	0.050	–52	6.6	0.5	0.1	5.1	1.0	1.98	0.14	PL	...	...	1FGL J0122.2+5200	...	bcu	NVSS J012133+515557
J0121.8–3917	20.457	–39.286	277.343	–76.294	0.071	0.063	53	5.5	0.2	0.1	2.4	0.7	1.80	0.20	PL	...	...	...	...	...	...
J0122.8+3423	20.723	34.391	130.281	–28.031	0.049	0.039	–55	9.6	0.3	0.1	5.4	1.2	1.48	0.15	PL	...	...	1FHL J0122.7+3425	...	bll	1ES 0120+340
																		2FGL J0122.6+3425			
J0123.7–2312	20.928	–23.203	186.436	–81.712	0.087	0.061	–57	11.1	0.7	0.1	7.3	1.0	1.99	0.10	PL	...	...	...	...	bll	1RXS J012338.2–231100
J0125.2–0627	21.316	–6.458	145.706	–67.821	0.209	0.127	–82	5.5	0.4	0.1	4.1	0.8	2.21	0.13	PL	...	...	2FGL J0124.5–0621	...	bll	PMN J0124–0624
																		1FGL J0124.6–0616			

Table 4—Continued

Name	3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0125.4–2548	21.366	–25.809	205.023	–82.274	0.093	0.079	64	8.7	0.5	0.1	5.1	0.8	2.13	0.11	PL	T	...	...	...	bll	PKS 0122–260
J0126.1–2227	21.530	–22.464	184.161	–80.855	0.099	0.088	64	10.3	0.6	0.1	8.3	1.0	2.43	0.09	PL	T	...	...	...	fsrq	PKS 0123–226
J0127.1–0818	21.777	–8.311	148.745	–69.375	0.079	0.064	–22	10.6	0.6	0.1	7.2	0.9	2.21	0.09	PL	...	...	...	...	bll	PMN J0127–0821
J0127.2+0325	21.810	3.423	140.098	–58.251	0.054	0.050	–47	14.4	0.9	0.1	10.3	1.2	1.90	0.08	PL	...	...	2FGL J0127.2+0324	...	bcu	NVSS J012713+032259
																			1FGL J0127.0+0322			
J0127.4+5433	21.869	54.555	128.194	–7.949	0.177	0.098	37	4.6	0.4	0.1	5.6	1.2	2.53	0.16	PL
J0127.5+5634	21.894	56.569	127.923	–5.953	0.118	0.105	21	5.8	0.5	0.1	8.2	1.3	2.59	0.12	PL
J0127.6+4851	21.924	48.861	129.054	–13.579	0.146	0.109	–74	5.0	0.3	0.1	4.5	1.0	2.45	0.15	PL
J0127.9+2551	21.978	25.855	133.125	–36.294	0.418	0.382	–24	7.1	0.2	0.1	7.3	1.0	3.10	0.15	PL	...	...	...	...	fsrq	4C +25.05
J0128.4+6257	22.116	62.962	127.126	0.392	0.126	0.098	40	8.3	1.0	0.1	14.5	1.8	2.50	0.08	PL	...	...	...	...	spp	...
J0128.5+4430	22.129	44.507	129.865	–17.865	0.220	0.112	15	7.5	0.5	0.1	6.0	0.9	2.33	0.11	PL	T	...	2FGL J0128.4+4431	...	fsrq	GB6 J0128+4439	
																			1FGL J0128.6+4439			
J0130.8+1441	22.718	14.684	137.016	–47.106	0.371	0.273	86	4.3	0.2	0.1	4.1	0.9	2.65	0.17	PL	...	...	...	...	fsrq	4C +14.06
J0131.2+6120	22.801	61.335	127.684	–1.169	0.022	0.022	–1	21.3	2.0	0.2	23.7	1.9	1.86	0.06	PL	T	...	1FHL J0131.3+6121	...	bll	1RXS J013106.4+612035	
																			2FGL J0131.1+6121			
																			1FGL J0131.2+6121			
J0131.3+5548	22.835	55.807	128.556	–6.628	0.093	0.073	–33	4.9	0.3	0.1	4.0	1.0	1.90	0.21	PL	...	...	...	...	bcu	TXS 0128+554
J0132.1–5340	23.045	–53.674	289.860	–62.409	0.148	0.141	64	4.5	0.2	0.1	3.0	0.7	2.32	0.19	PL
J0132.5–0802	23.135	–8.050	151.858	–68.581	0.137	0.114	86	4.5	0.2	0.1	3.0	0.9	1.75	0.18	PL	...	...	...	...	bcu	PKS 0130–083
J0132.6–1655	23.171	–16.918	168.106	–76.027	0.041	0.041	–66	34.6	1.9	0.1	26.2	1.1	2.43	0.04	PL	T	...	1FHL J0132.6–1651	...	fsrq	PKS 0130–17	
																			2FGL J0132.8–1654			
																			1FGL J0132.6–1655			
J0133.0–4413	23.252	–44.232	279.585	–70.964	0.095	0.084	–38	7.7	0.4	0.1	4.2	0.7	2.16	0.12	PL	...	...	2FGL J0133.4–4408	...	bll	SUMSS J013306–441422
J0133.2–4737	23.307	–47.620	283.941	–67.938	0.285	0.213	–87	4.2	0.2	0.1	3.1	0.7	2.71	0.20	PL
J0133.2–5159	23.320	–51.987	288.193	–63.928	0.134	0.123	81	4.5	0.2	0.1	3.3	0.7	2.63	0.19	PL	...	...	...	...	bcu	PKS 0131–522
J0133.3+4324	23.338	43.403	130.957	–18.815	0.156	0.127	7	5.0	0.3	0.1	3.9	0.8	2.30	0.14	PL	...	...	...	...	bcu	B3 0129+431
J0133.3+5930	23.336	59.514	128.232	–2.926	0.108	0.085	22	4.3	0.4	0.1	4.9	1.2	2.21	0.16	PL
J0134.3–3842	23.577	–38.705	267.882	–75.361	0.101	0.090	–49	6.9	0.3	0.1	3.9	0.7	2.33	0.14	PL	...	...	...	...	fsrq	PMN J0134–3843
J0134.5+2638	23.630	26.638	134.735	–35.245	0.063	0.055	67	12.0	0.8	0.1	9.4	1.2	1.99	0.08	PL	...	...	1FHL J0134.4+2643	...	bcu	1RXS J013427.2+263846
																			2FGL J0134.4+2636			
																			1FGL J0134.4+2632			
J0135.0+6927	23.755	69.466	126.762	6.919	0.100	0.091	–47	4.9	0.4	0.1	6.7	1.4	2.56	0.13	PL	...	4	...	...	bcu	TXS 0130+691
J0136.5+3905	24.131	39.096	132.413	–22.944	0.014	0.013	44	56.9	4.9	0.2	66.1	3.3	1.70	0.02	PL	...	...	1FHL J0136.5+3906	P	bll	B3 0133+388
																			2FGL J0136.5+3905			
																			1FGL J0136.5+3905			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0137.0+4752	24.257	47.876	130.794	-14.298	0.023	0.022	5	55.9	5.1	0.2	51.1	1.7	2.27	...	LP	T	...	0FGL J0136.6+3903 1FHL J0136.8+4754 2FGL J0136.9+4751 1FGL J0137.0+4751 0FGL J0137.1+4751	...	fsrq	OC 457	
J0137.6-2430	24.415	-24.510	201.377	-79.278	0.058	0.054	89	22.5	1.0	0.1	15.3	0.9	2.52	0.05	PL	T	...	2FGL J0137.6-2430 1FGL J0137.5-2428	...	fsrq	PKS 0135-247	
J0137.8+5813	24.458	58.232	129.024	-4.090	0.034	0.030	68	13.5	1.2	0.1	12.9	1.4	2.06	0.08	PL	...	...	1FHL J0137.7+5812 2FGL J0137.7+5811 1FGL J0137.8+5814	...	bcu	1RXS J013748.0+581422
J0138.5-4612	24.649	-46.204	279.952	-68.763	0.062	0.060	42	6.8	0.3	0.1	3.6	0.7	2.06	0.15	PL
J0139.9+8735	24.983	87.600	123.487	24.781	0.064	0.052	19	5.8	0.3	0.1	3.6	0.8	1.89	0.17	PL	...	...	...	...	bcu	NVSS J013913+873754
J0141.4-0929	25.367	-9.485	159.081	-68.769	0.035	0.031	-64	29.5	2.1	0.1	23.1	1.4	2.12	0.04	PL	T	...	1FHL J0141.5-0927 2FGL J0141.5-0928 1FGL J0141.7-0929	...	bll	PKS 0139-09	
J0143.7-5845	25.929	-58.766	290.472	-57.079	0.035	0.031	-87	19.0	1.0	0.1	11.8	1.2	1.84	0.07	PL	...	...	1FHL J0143.4-5844 2FGL J0143.6-5844 1FGL J0143.9-5845	...	bll	SUMSS J014347-584550
J0144.6+2705	26.157	27.089	137.284	-34.296	0.021	0.020	77	50.6	4.5	0.2	43.9	1.9	2.16	...	LP	T	...	1FHL J0144.3+2703 2FGL J0144.6+2704 1FGL J0144.6+2703 0FGL J0144.5+2709	...	bll	TXS 0141+268	
J0145.1-2732	26.292	-27.534	217.965	-78.066	0.059	0.055	27	29.5	1.4	0.1	21.8	1.0	2.57	0.04	PL	T	...	2FGL J0145.1-2732 1FGL J0144.9-2732 0FGL J0145.1-2728	...	fsrq	PKS 0142-278	
J0145.6+8600	26.415	86.002	123.951	23.238	0.125	0.110	7	5.0	0.3	0.1	4.0	0.8	2.52	0.18	PL	...	...	...	...	bcu	NVSS J014929+860114
J0146.4-6746	26.619	-67.768	295.124	-48.518	0.071	0.066	49	6.9	0.3	0.1	4.2	0.7	2.39	0.13	PL	...	...	...	...	bcu	SUMSS J014554-674646
J0147.0-5204	26.766	-52.078	283.976	-62.954	0.082	0.073	53	7.2	0.4	0.1	4.0	0.7	2.20	0.13	PL	...	...	2FGL J0146.6-5206	...	bcu	PKS 0144-522
J0148.3+5200	27.085	52.010	131.765	-9.883	0.040	0.039	-86	9.9	0.5	0.1	6.7	1.1	1.77	0.11	PL	...	...	...	...	bcu	GB6 J0148+5202
J0148.6+0128	27.161	1.474	150.924	-58.254	0.054	0.050	85	9.8	0.6	0.1	6.6	1.0	2.02	0.13	PL	...	...	2FGL J0148.6+0127	...	bll	PMN J0148+0129
J0149.6+4846	27.421	48.769	132.724	-12.992	0.110	0.100	26	5.1	0.3	0.1	4.7	1.0	2.62	0.18	PL	...	1,4
J0150.5-5447	27.626	-54.788	285.668	-60.316	0.088	0.082	2	4.6	0.2	0.1	2.3	0.6	2.12	0.23	PL	...	...	...	...	bcu	PMN J0150-5450
J0151.0+0537	27.761	5.627	148.886	-54.213	0.117	0.113	-43	4.4	0.3	0.1	3.3	0.8	2.36	0.20	PL	...	1	...	...	bcu	PMN J0151+0540
J0151.0-3609	27.760	-36.156	252.125	-74.461	0.233	0.171	-80	5.3	0.2	0.1	3.3	0.7	2.46	0.18	PL	...	...	...	...	bcu	PMN J0151-3605
J0151.6+2205	27.917	22.092	140.890	-38.670	0.218	0.145	58	7.3	0.4	0.1	6.6	0.9	2.65	0.11	PL	...	...	...	...	fsrq	PKS 0149+21

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0152.2+3707	28.072	37.132	136.188	-24.168	0.133	0.104	19	5.6	0.3	0.1	4.0	0.8	2.41	0.14	PL	...	...	...	...	bcu	B2 0149+37
J0152.6+0148	28.162	1.808	152.357	-57.525	0.040	0.037	22	13.1	0.8	0.1	8.9	1.2	1.89	0.10	PL	...	...	1FHL J0152.6+0148 2FGL J0152.6+0148	P	bll	PMN J0152+0146
J0152.8+7517	28.216	75.290	126.888	12.892	0.038	0.036	-54	8.4	0.4	0.1	4.8	0.9	1.77	0.13	PL	...	...	1FHL J0153.1+7515	...	bll	1RXS J015308.4+751756
J0153.4+7114	28.360	71.242	127.924	8.973	0.038	0.035	71	7.1	0.2	0.1	3.9	1.0	1.57	0.20	PL	...	...	...	...	bcu	TXS 0149+710
J0154.0+0824	28.510	8.410	148.235	-51.360	0.029	0.028	19	24.8	1.8	0.1	21.5	1.8	1.86	0.05	PL	...	...	1FHL J0154.1+0823 2FGL J0153.9+0823 1FGL J0154.1+0823	...	bll	GB6 J0154+0823
J0154.1+4642	28.535	46.702	133.983	-14.820	0.197	0.153	-52	4.3	0.2	0.1	3.9	0.9	2.55	0.18	PL	...	...	...	...	...	...
J0154.9+4433	28.737	44.554	134.687	-16.864	0.052	0.051	-72	7.8	0.4	0.1	5.0	0.8	2.18	0.12	PL	T	...	2FGL J0154.9+4434 1FGL J0155.0+4433	...	bll	GB6 J0154+4433
J0156.3+3913	29.093	39.231	136.432	-21.932	0.083	0.079	-88	11.7	0.6	0.1	8.3	0.9	2.50	0.09	PL	T	...	2FGL J0156.4+3909	...	bcu	MG4 J015630+3913
J0156.5-2423	29.128	-24.392	205.982	-75.106	0.119	0.095	-28	4.7	0.2	0.1	2.8	0.8	1.89	0.17	PL	...	...	1FHL J0156.5-2419 2FGL J0156.5-2419	...	...	...
J0156.9-4742	29.240	-47.711	275.399	-65.763	0.085	0.069	-52	4.6	0.2	0.1	2.0	0.6	2.01	0.26	PL	...	...	...	...	bcu	2MASS J01564603-4744174
J0157.0-5301	29.251	-53.027	282.180	-61.379	0.046	0.043	72	12.9	0.6	0.1	7.5	1.1	1.82	0.09	PL	...	...	2FGL J0157.2-5259 1FGL J0157.0-5259	...	bll	1RXS J015658.6-530208
J0157.9-4615	29.481	-46.260	272.813	-66.788	0.137	0.110	78	9.6	0.5	0.1	6.5	0.8	2.45	0.09	PL	T	...	2FGL J0158.0-4609 1FGL J0157.5-4613	...	fsrq	PMN J0157-4614
J0158.6+0102	29.673	1.041	155.512	-57.513	0.072	0.066	-62	5.7	0.3	0.1	4.2	0.9	2.56	0.16	PL	...	...	2FGL J0158.4+0107	...	...	...
J0158.6-3931	29.663	-39.533	258.800	-71.324	0.056	0.048	72	14.7	0.9	0.1	9.8	1.1	2.02	0.07	PL	...	...	2FGL J0158.3-3931 1FGL J0158.0-3931	...	bll	PMN J0158-3932
J0159.4+1046	29.862	10.781	148.709	-48.657	0.051	0.047	-47	12.9	0.9	0.1	10.3	1.1	2.11	0.09	PL	...	...	1FHL J0159.4+1048 2FGL J0159.5+1046 1FGL J0159.5+1047	...	bll	RX J0159.5+1047
J0159.8-2741	29.959	-27.696	219.018	-74.822	0.062	0.060	-27	9.2	0.5	0.1	5.1	0.8	2.04	0.10	PL	...	...	2FGL J0159.6-2741 1FGL J0159.7-2741	...	bll	PMN J0159-2739
J0200.3-4108	30.080	-41.145	262.058	-70.082	0.052	0.047	-52	7.2	0.3	0.1	3.3	0.7	1.88	0.17	PL	...	...	2FGL J0200.4-4105	...	...	...
J0200.9-6635	30.245	-66.591	292.486	-49.102	0.115	0.077	7	6.9	0.3	0.1	4.2	0.7	2.33	0.13	PL	...	...	2FGL J0201.5-6626	...	bcu	PMN J0201-6638
J0202.3+0851	30.592	8.858	150.924	-50.119	0.128	0.113	-33	4.4	0.3	0.1	3.1	0.8	2.05	0.16	PL	...	...	1FGL J0202.1+0849	...	fsrq	TXS 0159+085
J0202.5+4206	30.633	42.113	136.776	-18.840	0.090	0.080	22	7.9	0.5	0.1	5.6	0.8	2.28	0.11	PL	...	...	...	...	bll	B3 0159+418
J0203.1-0227	30.795	-2.456	160.826	-59.940	0.139	0.130	-20	5.0	0.3	0.1	3.4	0.7	2.31	0.17	PL	...	...	...	...	bcu	RX J0202.9-0223
J0203.6+1148	30.917	11.803	149.514	-47.307	0.128	0.111	-20	5.6	0.3	0.1	6.2	1.2	2.71	0.16	PL	...	...	...	...	...	...
J0203.6+3043	30.923	30.717	140.792	-29.636	0.034	0.030	-66	36.9	3.2	0.2	28.1	1.5	2.20	...	LP	T	...	1FHL J0203.6+3042 2FGL J0204.0+3045	...	bll	NVSS J020344+304238

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0204.0+7234	31.003	72.578	128.373	10.478	0.051	0.039	37	11.5	1.0	0.1	11.6	1.3	2.22	0.08	PL	...	3	1FGL J0203.5+3044 1FHL J0203.5+7232 2FGL J0203.6+7235 1FGL J0203.5+7234	...	bll	S5 0159+723
J0204.2+2420	31.062	24.344	143.424	-35.614	0.075	0.067	77	5.1	0.2	0.1	3.1	0.9	1.79	0.20	PL	...	...	...	...	bcu	B2 0201+24
J0204.8+3212	31.223	32.202	140.531	-28.147	0.164	0.136	64	9.9	0.4	0.1	10.6	1.1	2.94	0.10	PL	T	...	2FGL J0205.4+3211 1FGL J0205.3+3217	...	fsrq	B2 0202+31
J0205.0+1510	31.260	15.180	148.023	-44.077	0.078	0.073	-2	12.3	0.7	0.1	10.3	1.0	2.53	0.08	PL	T	...	2FGL J0205.0+1514 1FGL J0204.5+1516 3EG J0204+1458 EGR J0204+1505	...	bcu	4C +15.05
J0205.2-1700	31.323	-17.005	186.083	-70.156	0.078	0.073	31	24.0	0.9	0.1	18.2	0.9	2.76	0.05	PL	T	...	2FGL J0205.3-1657 1FGL J0205.0-1702 0FGL J0204.8-1704	...	fsrq	PKS 0202-17
J0205.5+6448	31.396	64.815	130.719	3.070	0.026	0.025	-74	43.1	5.7	0.2	54.5	1.7	2.33	...	EC	...	...	1FHL J0205.7+6448 2FGL J0205.8+6448 1FGL J0205.6+6449	P	PSR	PSR J0205+6449
J0206.4-1150	31.606	-11.849	175.604	-66.700	0.063	0.060	-43	14.8	0.8	0.1	9.8	0.9	2.33	0.07	PL	T	...	2FGL J0206.5-1149	...	fsrq	PMN J0206-1150
J0207.9-3846	31.985	-38.775	253.862	-70.240	0.236	0.142	23	6.3	0.3	0.1	4.3	0.7	2.54	0.14	PL	...	...	...	bcu	PKS 0205-391	
J0208.0-6838	32.025	-68.648	292.847	-46.951	0.094	0.077	-27	7.9	0.4	0.1	4.9	0.8	2.42	0.12	PL	...	...	2FGL J0207.9-6832	...	bll	PKS 0206-688
J0208.6+3522	32.170	35.383	140.222	-24.882	0.046	0.045	37	6.0	0.2	0.1	3.2	0.9	1.70	0.19	PL	...	...	1FHL J0208.7+3523 1FGL J0208.6+3522	...	bll	MS 0205.7+3509
J0209.4-5229	32.371	-52.498	278.346	-60.744	0.026	0.022	85	28.1	1.7	0.1	21.1	1.7	1.80	0.05	PL	T	...	1FHL J0209.6-5230 2FGL J0209.5-5229 1FGL J0209.3-5229	...	bll	1RXS J020922.2-522920
J0209.5+4449	32.384	44.817	137.202	-15.880	0.069	0.062	69	6.7	0.4	0.1	3.9	0.8	1.97	0.17	PL	...	...	...	...	bll	1RXS J020917.6+444951
J0210.7-5101	32.697	-51.028	276.112	-61.768	0.024	0.023	42	62.9	4.7	0.2	51.1	1.5	2.30	...	LP	T	...	1FHL J0210.9-5100 2FGL J0210.7-5102 1FGL J0210.6-5101 0FGL J0210.8-5100 3EG J0210-5055 EGR J0210-5058	...	BCU	PKS 0208-512
J0211.0+1922	32.755	19.383	147.573	-39.650	0.300	0.191	-61	4.8	0.3	0.1	4.4	0.9	2.38	0.14	PL	...	...	...	...	...	...
J0211.2+1051	32.817	10.858	152.595	-47.364	0.022	0.021	76	50.8	5.3	0.2	47.2	2.0	2.13	...	LP	T	...	1FHL J0211.3+1051 2FGL J0211.2+1050	...	BLL	MG1 J021114+1051

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0211.2–0649	32.818	–6.829	169.601	–62.229	0.148	0.116	–16	5.2	0.3	0.1	3.2	0.7	2.10	0.17	PL	...	...	1FGL J0211.2+1049	...	bcu	NVSS J021116–064422
J0211.7+5402	32.929	54.047	134.644	–6.989	0.144	0.113	75	4.5	0.4	0.1	6.8	1.4	2.69	0.14	PL	...	5	...	...	bcu	TXS 0207+538
J0212.1+5320	33.037	53.336	134.927	–7.646	0.034	0.034	–77	25.1	2.7	0.2	17.1	1.6	2.19	...	LP	...	...	2FGL J0212.1+5318	...	...	...
J0212.8–3504	33.207	–35.068	242.494	–70.902	0.075	0.070	–64	8.1	0.4	0.1	4.6	0.8	2.11	0.13	PL	...	...	1FGL J0212.3+5319	...	bl	RBS 0292
J0213.0+2245	33.265	22.765	146.460	–36.350	0.045	0.039	55	13.3	0.9	0.1	10.3	1.1	2.10	0.08	PL	...	...	1FHL J0213.1+2246	...	bl	MG3 J021252+2246
J0213.1–2720	33.286	–27.349	218.335	–71.857	0.135	0.107	81	4.1	0.2	0.1	2.2	0.6	2.09	0.21	PL	...	...	2FGL J0213.1+2245	...	bcu	PMN J0212–2719
J0214.4+5143	33.611	51.723	135.774	–9.067	0.045	0.042	–14	7.2	0.4	0.1	4.6	0.9	2.04	0.18	PL	...	10	...	1FGL J0213.2+2244	...	bl	TXS 0210+515
J0214.7–5823	33.692	–58.388	283.707	–55.520	0.116	0.097	–18	5.7	0.2	0.1	3.8	0.7	2.57	0.16	PL	...	...	...	...	bcu	PMN J0214–5822
J0216.0+0300	34.013	3.016	160.324	–53.598	0.092	0.077	85	4.5	0.2	0.1	2.7	0.8	2.01	0.22	PL	...	...	...	...	...	...
J0216.1–7016	34.042	–70.273	292.968	–45.180	0.118	0.108	49	6.0	0.3	0.1	4.3	0.8	2.57	0.16	PL	...	...	...	...	bcu	PMN J0215–7014
J0216.4+0507	34.109	5.133	158.603	–51.754	0.204	0.139	–50	4.3	0.3	0.1	3.2	0.8	2.24	0.18	PL	...	...	...	...	...	...
J0216.6–1019	34.171	–10.329	177.082	–63.825	0.125	0.113	66	6.1	0.3	0.1	4.3	0.8	2.33	0.13	PL	T	...	...	...	bcu	PMN J0216–1017
J0217.0–6635	34.259	–66.592	290.324	–48.387	0.061	0.057	–2	12.1	0.7	0.1	7.4	0.9	1.98	0.09	PL	...	...	2FGL J0216.9–6630	...	bl	RBS 0300
J0217.1–0833	34.286	–8.566	174.448	–62.517	0.208	0.151	–5	4.7	0.3	0.1	3.5	0.8	2.33	0.15	PL	...	...	1FGL J0217.9–6630	...	fsrq	PKS 0214–085
J0217.2+0837	34.325	8.618	156.131	–48.640	0.047	0.042	–82	19.3	1.5	0.1	16.8	1.3	2.10	0.06	PL	T	...	2FGL J0217.5–0813	...	...	...
J0217.3+6209	34.347	62.154	132.785	0.938	0.113	0.092	–23	11.5	2.3	0.3	23.5	2.6	2.47	...	LP	...	5	...	1FGL J0217.0–0829	...	bcu	TXS 0213+619
J0217.5+7349	34.380	73.830	128.927	11.968	0.179	0.102	24	15.8	0.8	0.1	20.6	1.3	2.91	0.06	PL	T	...	1FHL J0217.4+0836	...	fsrq	S5 0212+73	
J0217.8+0143	34.468	1.733	162.175	–54.417	0.025	0.024	29	46.3	4.0	0.2	46.2	1.7	2.19	0.03	PL	T	...	2FGL J0217.4+0836	...	...	...
J0218.1+4233	34.546	42.554	139.517	–17.507	0.026	0.025	–77	44.0	5.4	0.2	48.1	1.8	2.29	...	EC	...	...	1FGL J0217.2+0834	...	PSR	PSR J0218+4232
J0218.9+3642	34.746	36.708	141.867	–22.924	0.075	0.073	–13	13.9	1.0	0.1	16.0	1.4	2.58	0.07	PL	T	...	2FGL J0217.7+7353	...	bcu	MG3 J021846+3641	
J0219.0+2440	34.768	24.679	147.087	–34.049	0.081	0.068	–42	6.0	0.3	0.1	3.7	0.9	1.86	0.16	PL	...	...	1FGL J0217.8+7353	...	bcu	87GB 021610.9+243205
J0220.1+6202c	35.048	62.044	133.131	0.942	0.119	0.088	53	4.6	1.2	0.3	14.7	3.9	2.30	0.11	PL	...	5,6	1FGL J0217.9+0143	...	spp	...	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0221.1+3556	35.280	35.941	142.607	-23.481	0.021	0.021	81	48.4	4.6	0.2	55.6	1.8	2.28	0.03	PL	T	...	1FHL J0221.1+3555 2FGL J0221.0+3555 1FGL J0221.0+3555 0FGL J0220.9+3607	P	FSRQ	B0218+357
J0221.1+6059	35.299	60.997	133.598	-0.002	0.232	0.134	-49	5.5	0.9	0.2	17.3	2.9	2.68	0.10	PL	...	...	...	...	...	...
J0221.2+2518	35.320	25.306	147.333	-33.274	0.095	0.080	-40	5.5	0.3	0.1	3.8	0.9	1.94	0.17	PL	...	...	2FGL J0221.2+2516	...	...	...
J0221.8+6138c	35.473	61.641	133.456	0.632	0.109	0.073	-87	4.7	1.1	0.2	14.9	4.1	2.42	0.12	PL	...	5,6	...	...	...	...
J0222.1-1616	35.532	-16.280	190.284	-66.364	0.112	0.087	-30	11.6	0.5	0.1	8.5	0.9	2.60	0.09	PL	T	...	2FGL J0222.0-1615 1FGL J0222.1-1618	...	fsrq	PKS 0219-164
J0222.6+4301	35.674	43.033	140.150	-16.767	0.009	0.009	-5	121.3	19.3	0.4	193.5	4.9	1.94	...	LP	T	...	1FHL J0222.6+4302 2FGL J0222.6+4302 1FGL J0222.6+4302 0FGL J0222.6+4302 3EG J0222+4253 EGR J0223+4300	P	BLL	3C 66A
J0222.9-1117	35.741	-11.297	181.001	-63.303	0.085	0.065	80	6.2	0.3	0.1	3.4	0.8	1.82	0.16	PL	...	...	2FGL J0223.0-1118 1FGL J0223.0-1118	...	bll	1RXS J022314.6-111741
J0223.3+6820	35.826	68.343	131.274	6.972	0.041	0.033	7	8.5	0.6	0.1	6.8	1.2	1.91	0.13	PL	...	...	2FGL J0222.7+6820	...	bcu	NVSS J022304+682154
J0223.5+6313	35.883	63.226	133.088	2.184	0.171	0.135	21	7.9	1.3	0.2	12.2	2.1	2.48	...	LP	...	1	...	...	bcu	TXS 0219+628
J0223.6+3927	35.918	39.453	141.710	-20.032	0.180	0.118	7	7.8	0.5	0.1	6.3	0.9	2.40	0.11	PL	...	...	...	...	...	...
J0223.6+6204	35.906	62.081	133.496	1.115	0.039	0.036	-33	12.9	5.7	0.5	39.8	5.8	2.33	...	LP	...	...	2FGL J0224.0+6204	...	...	...
J0224.0+6235	36.016	62.598	133.364	1.618	0.197	0.155	-22	4.6	0.9	0.2	13.4	3.3	2.48	0.12	PL	...	5	EGRc J0225+6240	...	spp	...
J0224.1-1846	36.048	-18.782	196.452	-67.122	0.128	0.109	-43	7.0	0.4	0.1	4.7	0.8	2.40	0.13	PL	...	...	...	...	...	...
J0224.1-7941	36.048	-79.692	297.903	-36.514	0.078	0.073	33	7.0	0.4	0.1	4.7	0.8	2.23	0.15	PL	...	...	...	...	bcu	PMN J0223-7940
J0224.4+1615	36.114	16.263	153.125	-41.092	0.175	0.123	86	4.1	0.3	0.1	3.8	1.0	2.26	0.18	PL	...	...	...	...	...	...
J0225.2-2602	36.312	-26.038	215.305	-69.029	0.159	0.115	60	15.5	0.6	0.1	10.7	0.8	2.66	0.07	PL	T	...	...	...	bcu	PMN J0225-2603
J0225.8+6159	36.472	61.987	133.778	1.121	0.095	0.082	55	8.3	3.3	0.4	26.3	4.7	2.37	...	LP	...	3,5	2FGL J0225.9+6154c 3EG J0229+6151	...	...	...
J0226.3+0941	36.580	9.684	158.176	-46.592	0.079	0.072	-30	9.9	0.7	0.1	7.8	1.0	2.19	0.09	PL	T	...	2FGL J0226.1+0943 1FGL J0226.3+0937	...	fsrq	PMN J0226+0937
J0226.5-4442	36.631	-44.714	261.941	-64.106	0.072	0.062	-5	9.9	0.5	0.1	5.9	0.9	1.95	0.12	PL	...	...	2FGL J0226.5-4444	...	bcu	RBS 0318
J0226.7-4747	36.695	-47.784	267.303	-62.216	0.221	0.160	-78	6.2	0.2	0.1	4.6	0.8	2.92	0.19	PL	...	...	...	...	...	...
J0227.2+0201	36.806	2.031	165.091	-52.817	0.064	0.063	71	11.1	0.7	0.1	7.2	1.0	2.04	0.10	PL	...	...	2FGL J0227.3+0203	...	bll	RX J0227.2+0201
J0228.0+2248	37.008	22.801	150.304	-34.886	0.139	0.095	67	7.9	0.6	0.1	6.9	1.0	2.12	0.11	PL	T	...	2FGL J0227.7+2249	...	bcu	NVSS J022744+224834
J0228.3-5545	37.078	-55.762	278.231	-56.473	0.052	0.048	-70	18.5	0.9	0.1	12.2	0.8	2.43	0.06	PL	T	...	...	...	fsrq	PKS 0226-559

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0228.5+6703	37.132	67.056	132.204	5.948	0.183	0.150	31	4.9	0.5	0.1	8.2	1.5	2.62	0.13	PL	...	4	...	...	bcu	GB6 J0229+6706
J0228.5+8213	37.133	82.222	126.326	19.998	0.202	0.118	0	5.4	0.2	0.1	4.7	0.8	2.77	0.19	PL	...	4	...	...	...	...
J0228.7-3106	37.198	-31.107	229.366	-68.414	0.155	0.120	-78	4.1	0.2	0.1	2.3	0.6	2.14	0.24	PL	...	...	...	bcu	PMN J0228-3102	
J0229.3-3643	37.345	-36.731	243.945	-67.197	0.062	0.055	-25	18.4	0.8	0.1	12.8	0.8	2.54	0.06	PL	T	...	2FGL J0229.3-3644 1FGL J0229.3-3644 0FGL J0229.5-3640	...	fsrq	PKS 0227-369
J0230.6-5757	37.671	-57.957	280.329	-54.599	0.090	0.079	69	5.0	0.2	0.1	2.3	0.7	1.68	0.29	PL	...	...	...	...	bll	PKS 0229-581
J0230.8+4032	37.702	40.543	142.606	-18.502	0.048	0.045	-58	17.7	1.0	0.1	15.0	1.0	2.55	0.06	PL	T	...	2FGL J0230.8+4031 1FGL J0230.8+4031	...	fsrq	B3 0227+403
J0231.0+1302	37.775	13.045	157.139	-43.111	0.213	0.190	-22	5.1	0.3	0.1	5.2	1.0	2.55	0.15	PL	...	...	...	...	...	...
J0232.6+0646	38.163	6.772	162.464	-48.178	0.363	0.267	-88	5.5	0.3	0.1	5.3	0.9	2.67	0.14	PL	...	1	...	...	...	...
J0232.8+2016	38.219	20.271	152.968	-36.615	0.055	0.047	-4	7.2	0.4	0.1	4.9	1.0	2.03	0.15	PL	...	...	...	P	bll	1ES 0229+200
J0232.9+2606	38.232	26.104	149.738	-31.432	0.095	0.091	-71	4.3	0.3	0.1	3.0	0.8	2.09	0.20	PL	...	...	...	...	bcu	B2 0230+25
J0233.0+6237	38.269	62.623	134.319	2.020	0.211	0.091	27	5.7	0.7	0.1	13.6	2.5	2.67	0.12	PL	...	...	2FGL J0233.9+6238c	...	...	...
J0234.2-0629	38.564	-6.498	177.423	-58.034	0.067	0.061	87	5.7	0.2	0.1	2.9	0.8	1.81	0.20	PL	...	...	...	...	...	...
J0235.7+5647	38.928	56.787	136.883	-3.234	0.109	0.095	-40	8.2	0.7	0.1	11.2	1.4	2.61	0.10	PL	...	3,4	...	...	...	...
J0236.7-6136	39.195	-61.600	283.208	-51.303	0.035	0.034	30	31.8	1.8	0.1	22.4	1.1	2.31	0.04	PL	T	...	2FGL J0237.1-6136 1FGL J0238.3-6132	...	fsrq	PKS 0235-618
J0237.5-3603	39.399	-36.059	241.181	-65.792	0.040	0.039	8	9.9	0.5	0.1	5.5	1.0	1.86	0.11	PL	...	...	1FHL J0237.5-3603 2FGL J0237.5-3603 1FGL J0237.5-3603	...	bll	RBS 0334
J0237.9+2848	39.480	28.805	149.476	-28.522	0.018	0.018	-37	105.2	9.7	0.2	111.3	1.9	2.35	...	LP	T	...	2FGL J0237.8+2846 1FGL J0237.9+2848 0FGL J0238.4+2855	...	FSRQ	4C +28.07
J0238.0+5237	39.505	52.626	138.848	-6.921	0.059	0.052	77	15.0	1.5	0.1	11.6	1.2	2.27	...	LP	...	...	2FGL J0237.9+5238	...	...	...
J0238.3-3904	39.588	-39.073	247.965	-64.759	0.101	0.076	43	6.3	0.3	0.1	3.2	0.7	1.94	0.15	PL	...	...	2FGL J0238.2-3905	...	bll	1RXS J023800.5-390505
J0238.4-3117	39.617	-31.295	229.490	-66.337	0.039	0.037	-34	15.5	0.8	0.1	9.8	1.2	1.84	0.08	PL	...	...	1FHL J0238.6-3117 2FGL J0238.6-3117 1FGL J0238.6-3117	...	bll	1RXS J023832.6-311658
J0238.6+1636	39.667	16.615	156.777	-39.108	0.016	0.016	27	88.0	10.3	0.3	100.2	2.7	2.17	...	LP	T	...	1FHL J0238.7+1639 2FGL J0238.7+1637 1FGL J0238.6+1637 0FGL J0238.6+1636 3EG J0237+1635	...	BLL	AO 0235+164
J0239.0+2555	39.768	25.920	151.271	-30.962	0.088	0.078	-58	4.3	0.3	0.1	2.9	0.9	2.06	0.25	PL	...	...	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0239.4+1326	39.868	13.443	159.199	-41.697	0.076	0.068	-89	6.6	0.4	0.1	5.0	1.0	2.00	0.16	PL	...	...	2FGL J0239.5+1324 1FGL J0239.5+1324	...	...	...
J0240.0-0253	40.001	-2.899	174.600	-54.492	0.290	0.219	-7	4.7	0.3	0.1	3.7	0.8	2.44	0.16	PL	...	...	...	...	...	...
J0240.5+6113	40.138	61.228	135.679	1.086	0.009	0.009	-55	196.6	46.1	0.5	472.7	4.4	2.29	...	LP	T	...	1FHL J0240.2+6113 2FGL J0240.5+6113 1FGL J0240.5+6113 0FGL J0240.3+6113 EGR J0240+6112 1AGL J0242+6111	P	HMB	LS I+61 303
J0241.3+6542	40.344	65.702	133.925	5.205	0.046	0.040	21	11.9	1.2	0.1	13.1	1.5	2.08	0.08	PL	...	...	...	...	bcu	TXS 0237+655
J0242.1-0534	40.532	-5.570	178.612	-55.968	0.207	0.135	-88	4.3	0.2	0.1	3.4	0.8	2.48	0.18	PL	...	9	...	...	...	...
J0242.3+1059	40.584	10.995	161.834	-43.344	0.203	0.166	27	7.2	0.5	0.1	7.3	1.0	2.54	0.10	PL	T	...	...	...	fsrq	OD 166
J0242.7-0001	40.680	-0.026	172.131	-51.936	0.091	0.071	-71	9.8	0.6	0.1	7.0	0.9	2.32	0.10	PL	...	...	2FGL J0242.5+0006 1FGL J0242.7+0007	...	sbg	NGC 1068
J0243.5+7119	40.879	71.328	131.728	10.396	0.060	0.049	84	9.6	0.8	0.1	9.2	1.2	2.11	0.08	PL	...	...	2FGL J0242.9+7118 1FGL J0243.5+7116	...	bll	S5 0238+711
J0244.4+4745	41.123	47.753	141.852	-10.922	0.405	0.335	53	5.7	0.3	0.1	5.9	1.0	2.62	0.12	PL	...	...	...	...	...	...
J0244.4-8224	41.113	-82.414	298.622	-33.745	0.255	0.158	-70	5.1	0.2	0.1	4.6	0.9	2.68	0.17	PL	...	1,4	...	...	bcu	PMN J0251-8226
J0244.8-5818	41.208	-58.316	278.405	-53.074	0.039	0.036	-64	10.4	0.4	0.1	5.1	1.0	1.70	0.14	PL	...	...	1FHL J0244.2-5813	...	bll	RBS 0351
J0245.4+2410	41.358	24.183	153.732	-31.783	0.121	0.100	-3	11.7	0.7	0.1	11.8	1.1	2.58	0.08	PL	T	...	2FGL J0245.1+2406 1FGL J0245.4+2413	...	fsrq	B2 0242+23
J0245.9-4651	41.484	-46.853	261.836	-60.105	0.026	0.024	-70	73.5	4.5	0.2	56.1	1.4	2.40	...	LP	T	...	2FGL J0245.9-4652 1FGL J0245.9-4652 0FGL J0245.6-4656	...	fsrq	PKS 0244-470
J0248.4+5130	42.110	51.514	140.783	-7.256	0.041	0.038	48	11.9	1.0	0.1	11.3	1.4	2.07	0.09	PL	...	...	2FGL J0248.5+5131 1FGL J0248.7+5127	...	...	...
J0248.5+4232	42.126	42.536	144.861	-15.296	0.125	0.097	8	6.8	0.4	0.1	5.2	0.8	2.42	0.12	PL	...	1,3	...	...	psr	PSR J0248+42
J0248.5+6022	42.147	60.373	136.928	0.724	0.051	0.048	-3	23.9	4.2	0.3	45.3	3.3	2.57	...	EC	...	...	2FGL J0248.1+6021 1FGL J0248.3+6021	...	PSR	PSR J0248+6021
J0249.1+8438	42.278	84.636	125.780	22.428	0.065	0.060	-43	8.4	0.4	0.1	4.9	0.8	2.15	0.13	PL	...	...	2FGL J0248.6+8440	...	bcu	NVSS J024948+843556
J0250.6+1713	42.652	17.231	159.422	-37.058	0.050	0.047	-90	8.2	0.5	0.1	5.5	1.0	1.98	0.19	PL	...	...	1FHL J0250.6+1712 2FGL J0250.6+1713 1FGL J0250.4+1715	...	fsrq	NVSS J025037+171209
J0250.6+5630	42.661	56.515	138.864	-2.624	0.056	0.049	86	7.8	0.7	0.1	8.0	1.4	1.99	0.13	PL	...	...	2FGL J0250.7+5631 1FGL J0251.5+5634	...	bcu	NVSS J025047+562935

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0251.1+2603	42.776	26.064	153.917	-29.512	0.108	0.098	-22	7.9	0.6	0.1	6.9	1.0	2.29	0.10	PL	...	...	2FGL J0251.0+2557	...	psr	PSR J0251+26
J0251.1-1829	42.797	-18.486	201.866	-61.166	0.094	0.082	-19	4.8	0.2	0.1	2.7	0.9	1.62	0.20	PL	...	...	...	...	...	...
J0251.5-5959	42.882	-59.987	279.344	-51.286	0.168	0.137	-4	5.3	0.3	0.1	3.3	0.7	2.29	0.15	PL	...	...	...	...	fsrq	PKS 0250-602
J0252.3+3830	43.084	38.508	147.481	-18.533	0.218	0.180	50	4.1	0.2	0.1	3.6	0.8	2.50	0.17	PL	...	...	...	...	fsrq	B2 0249+38
J0252.8-2218	43.201	-22.310	209.723	-62.091	0.024	0.023	68	69.7	5.3	0.2	57.1	1.6	2.30	...	LP	T	...	1FHL J0252.7-2218	...	fsrq	PKS 0250-225
																		2FGL J0252.7-2218			
																		1FGL J0252.8-2219			
J0253.0-0125	43.257	-1.420	176.666	-51.142	0.131	0.105	-80	5.2	0.3	0.1	3.7	0.9	1.95	0.14	PL	...	...	...	...	bll	FBQS J0253-0124
J0253.1-5438	43.296	-54.649	272.475	-54.674	0.148	0.107	6	7.8	0.3	0.1	4.7	0.7	2.45	0.12	PL	T	...	...	...	fsrq	PKS 0252-549
J0253.5+3216	43.384	32.269	150.945	-23.878	0.047	0.040	15	9.9	0.6	0.1	6.9	1.0	2.05	0.11	PL	T	...	2FGL J0253.4+3218	...	bcu	MG3 J025334+3217
J0253.8+5104	43.472	51.068	141.752	-7.274	0.092	0.062	-21	13.2	1.2	0.1	18.7	1.5	2.54	0.06	PL	T	...	2FGL J0253.5+5107	...	fsrq	NVSS J025357+510256
																		1FGL J0254.2+5107			
J0254.2+5903	43.559	59.053	138.153	-0.141	0.121	0.096	10	4.7	0.6	0.1	10.1	2.2	2.66	0.16	PL	...	4	2FGL J0253.9+5908	...	...	...
J0255.8+0532	43.955	5.544	170.217	-45.601	0.195	0.119	38	4.3	0.3	0.1	3.8	1.0	2.07	0.19	PL	...	...	...	...	bcu	PMN J0255+0533
J0256.3+0335	44.083	3.596	172.234	-46.968	0.084	0.066	-68	6.2	0.3	0.1	4.0	1.0	1.90	0.16	PL	...	...	...	...	bcu	PKS B0253+033
J0257.8-1216	44.456	-12.277	192.545	-56.895	0.161	0.149	-5	6.3	0.3	0.1	4.7	0.8	2.48	0.12	PL	T	...	2FGL J0257.7-1213	...	fsrq	PMN J0257-1211
																		1FGL J0257.8-1204			
J0258.0+2030	44.518	20.513	158.981	-33.348	0.079	0.073	77	5.3	0.5	0.1	5.2	1.2	2.02	0.16	PL	...	1	2FGL J0257.9+2025c	...	bll	MG3 J025805+2029
																		1FGL J0258.0+2033			
J0258.2+3555	44.558	35.929	149.895	-20.218	0.257	0.214	-54	4.4	0.3	0.1	4.4	0.9	2.61	0.17	PL	...	4	...	...	...	...
J0258.9+0552	44.740	5.876	170.738	-44.836	0.092	0.079	-78	8.0	0.6	0.1	6.8	1.1	2.12	0.11	PL	...	...	...	...	...	...
J0259.5+0746	44.878	7.777	169.148	-43.311	0.067	0.063	-8	11.0	0.9	0.1	10.6	1.2	2.21	0.08	PL	T	...	2FGL J0259.5+0740	...	fsrq	PKS 0256+075
																		1FGL J0259.5+0743			
J0301.4-1652	45.371	-16.869	200.890	-58.270	0.135	0.118	-19	5.2	0.3	0.1	3.6	0.8	2.15	0.14	PL	...	...	...	...	bcu	PMN J0301-1652
J0301.8-2721	45.472	-27.361	221.008	-61.089	0.141	0.109	50	4.3	0.2	0.1	2.4	0.6	2.16	0.19	PL	...	...	...	...	bcu	NVSS J030158-272754
J0301.8-7157	45.461	-71.952	290.004	-41.747	0.121	0.103	78	10.4	0.3	0.1	7.2	0.7	2.77	0.10	PL	T	...	...	...	bcu	PKS 0301-721
J0302.0+5335	45.522	53.598	141.670	-4.452	0.084	0.068	-58	5.5	0.5	0.1	6.9	1.4	2.38	0.12	PL	...	4	...	...	bcu	GB6 J0302+5331
J0302.5-7915	45.645	-79.254	295.765	-35.979	0.105	0.095	35	8.0	0.4	0.1	6.5	0.9	2.51	0.12	PL	T	...	2FGL J0302.7-7919	...	fsrq	PMN J0303-7914
J0303.0+3150	45.754	31.835	153.071	-23.226	0.187	0.162	57	4.2	0.3	0.1	4.2	1.0	2.31	0.14	PL	...	...	...	...	bcu	B2 0259+31
J0303.4-2407	45.871	-24.123	214.631	-60.168	0.015	0.014	12	63.6	5.7	0.2	65.9	2.7	1.92	0.02	PL	T	...	1FHL J0303.4-2407	P	BLL	PKS 0301-243
																		2FGL J0303.4-2407			
																		1FGL J0303.5-2406			
																		0FGL J0303.7-2410			
J0303.6+4716	45.921	47.268	145.002	-9.857	0.032	0.030	23	27.3	2.3	0.1	27.3	1.4	2.28	0.04	PL	T	...	1FHL J0303.6+4715	...	bll	4C +47.08
																		2FGL J0303.5+4713			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0303.7–6211	45.931	–62.184	280.236	–48.704	0.061	0.056	26	16.8	0.9	0.1	12.2	0.9	2.46	0.06	PL	T	...	1FGL J0303.1+4711 2FGL J0303.5–6209	...	fsrq	PKS 0302–623
J0304.3–2836	46.081	–28.609	223.676	–60.687	0.078	0.077	–0	4.1	0.1	0.0	2.0	0.8	1.61	0.23	PL	...	...	1FGL J0303.4–6209 2FGL J0304.5–2836	...	bll	RBS 0385
J0304.9+6817	46.233	68.298	134.803	8.559	0.077	0.075	16	14.0	0.8	0.1	18.8	1.4	2.84	0.08	PL	...	...	2FGL J0303.5+6822	...	bcu	TXS 0259+681
J0305.2–1607	46.304	–16.120	200.326	–57.143	0.082	0.067	–39	5.6	0.2	0.1	3.0	0.9	1.69	0.19	PL	...	...	2FGL J0305.0–1602 1FGL J0305.2–1601	...	bcu	PKS 0302–16
J0307.3+4916	46.843	49.270	144.533	–7.815	0.032	0.029	–44	14.8	1.3	0.1	14.4	1.4	2.10	0.07	PL	...	...	1FHL J0307.4+4915 2FGL J0307.4+4915 1FGL J0307.5+4916	...	...	...
J0308.0+7442	47.018	74.707	131.720	14.217	0.039	0.036	–52	25.9	3.0	0.2	14.6	0.8	2.09	...	EC	...	12	2FGL J0308.3+7442 1FGL J0308.6+7442	...	PSR	PSR J0307+7443
J0308.4–2852	47.103	–28.873	224.367	–59.818	0.212	0.151	–62	4.3	0.2	0.1	3.0	0.7	2.54	0.25	PL	...	...	...	...	...	...
J0308.6+0408	47.157	4.136	174.882	–44.462	0.074	0.064	84	8.1	0.6	0.1	6.6	1.1	2.07	0.11	PL	...	...	1FGL J0308.3+0403	...	rdg	NGC 1218
J0309.0+1029	47.259	10.498	169.165	–39.715	0.036	0.033	7	25.8	2.8	0.2	24.8	1.6	2.23	...	LP	T	...	1FHL J0309.1+1027 2FGL J0309.1+1027	...	fsrq	PKS 0306+102
J0309.5–0749	47.383	–7.818	188.835	–52.042	0.092	0.079	54	6.6	0.4	0.1	4.7	1.0	1.94	0.15	PL	...	...	2FGL J0309.3–0743	...	bll	NVSS J030943–074427
J0309.9–6057	47.478	–60.963	278.103	–48.953	0.047	0.042	–22	26.0	1.5	0.1	20.3	1.1	2.42	0.05	PL	T	...	2FGL J0310.0–6058 1FGL J0310.1–6058	...	fsrq	PKS 0308–611
J0310.4–5015	47.621	–50.257	263.598	–54.892	0.053	0.050	22	8.4	0.3	0.1	4.2	0.9	1.75	0.14	PL	...	...	1FHL J0310.5–5014	...	bcu	1RXS J031036.0–501615
J0310.8+3814	47.709	38.237	150.915	–16.945	0.107	0.079	–52	8.6	0.6	0.1	7.6	1.0	2.42	0.11	PL	T	...	2FGL J0310.2–5013 2FGL J0310.7+3813 1FGL J0310.6+3812	...	fsrq	B3 0307+380
J0312.1–0921	48.041	–9.359	191.515	–52.362	0.089	0.081	65	10.9	0.9	0.1	5.2	0.8	2.22	...	LP	...	...	2FGL J0312.5–0914	...	...	...
J0312.7+0133	48.194	1.561	178.516	–45.509	0.064	0.053	62	14.4	1.0	0.1	12.1	1.1	2.28	0.07	PL	T	...	2FGL J0312.6+0132 1FGL J0312.6+0131	...	fsrq	PKS 0310+013
J0312.7+2011	48.191	20.190	162.523	–31.607	0.070	0.057	–34	6.9	0.3	0.1	4.4	1.0	1.72	0.17	PL	...	...	1FHL J0312.8+2013 2FGL J0312.8+2013	...	...	...
J0312.7+3613	48.194	36.232	152.387	–18.429	0.067	0.058	6	6.4	0.4	0.1	5.3	1.0	2.28	0.14	PL	...	...	...	...	bll	V Zw 326
J0312.7–2222	48.176	–22.371	212.360	–57.682	0.056	0.052	–58	6.9	0.2	0.1	3.4	0.9	1.62	0.16	PL	...	...	...	...	...	...
J0314.3–5103	48.579	–51.061	264.329	–53.979	0.066	0.065	12	11.5	0.6	0.1	7.7	0.8	2.40	0.09	PL	...	...	2FGL J0314.2–5106 1FGL J0315.6–5109	...	bll	PMN J0314–5104
J0315.5–1026	48.897	–10.438	193.741	–52.221	0.156	0.125	–11	5.7	0.4	0.1	5.0	0.9	2.41	0.15	PL	T	...	2FGL J0315.8–1024 1FGL J0315.9–1033	...	fsrq	PKS 0313–107
J0316.1+0904	49.042	9.077	172.096	–39.599	0.029	0.026	55	23.5	2.2	0.2	25.8	2.0	1.92	0.05	PL	T	...	1FHL J0316.1+0904	...	bll	GB6 J0316+0904

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0316.1–2611	49.048	–26.194	219.673	–57.758	0.050	0.047	8	12.9	0.6	0.1	7.6	1.1	1.86	0.09	PL	2FGL J0316.1+0904	...	bll	RBS 0405
																		1FGL J0316.1+0904			
																		1FHL J0316.3–2609			
																		2FGL J0315.8–2611			
J0316.2–6436	49.050	–64.607	281.534	–46.050	0.058	0.051	62	12.9	0.7	0.1	7.6	0.9	2.09	0.10	PL	1FGL J0315.9–2609	...	bll	SUMSS J031614–643732
																		2FGL J0316.1–6434			
																		1FGL J0316.3–6438			
																		1FHL J0316.6+4119			
J0316.6+4119	49.165	41.329	150.172	–13.736	0.039	0.035	70	7.9	0.7	0.2	7.6	1.5	1.90	0.14	PL	P	rdg	IC 310	
J0318.1+0252	49.536	2.869	178.445	–43.635	0.089	0.061	–70	12.8	1.2	0.1	5.7	0.7	2.09	...	LP	2FGL J0318.0+0255
																		1FGL J0318.1+0254			
J0318.7+2134	49.689	21.583	162.828	–29.649	0.049	0.042	–17	12.4	0.9	0.1	10.7	1.4	1.84	0.10	PL	T	...	1FHL J0318.8+2134	...	bcu	MG3 J031849+2135
J0319.8+1847	49.969	18.787	165.090	–31.674	0.036	0.035	57	12.2	0.6	0.1	9.5	1.6	1.57	0.10	PL	T	...	1FHL J0319.8+1847	P	bll	RBS 0413
																		2FGL J0319.6+1849			
																		1FGL J0319.7+1847			
																		1FHL J0319.9+4130			
J0319.8+4130	49.959	41.514	150.580	–13.256	0.010	0.010	–31	108.5	21.2	0.4	199.1	3.9	2.08	...	LP	T	...	1FHL J0319.9+4130	P	RDG	NGC 1275 _{–19}
																		2FGL J0319.8+4130			
																		1FGL J0319.7+4130			
																		0FGL J0320.0+4131			
J0322.0+2335	50.515	23.593	162.108	–27.594	0.032	0.030	89	15.5	1.2	0.1	13.4	1.4	1.95	0.08	PL	1FHL J0322.1+2337	...	bll	MG3 J032201+2336
																		2FGL J0322.0+2336			
																		1FGL J0322.1+2336			
																		2FGL J0322.4–3717			
J0322.5–3721	50.643	–37.358	240.440	–56.697	0.123	0.091	–68	8.3	0.5	0.1	5.3	0.8	2.20	0.11	PL	rdg	Fornax A	
J0323.6–0109	50.908	–1.153	183.965	–45.226	0.053	0.049	–20	12.4	0.7	0.1	8.8	1.2	1.85	0.10	PL	1FHL J0323.5–0107	...	bll	1RXS J032342.6–011131
																		2FGL J0323.6–0108			
																		1FGL J0323.7–0106			
																		...			
J0323.7–6038	50.943	–60.640	276.171	–47.806	0.176	0.150	48	4.4	0.2	0.1	3.1	0.8	2.44	0.18	PL	
J0324.5–1315	51.147	–13.256	199.477	–51.675	0.214	0.191	26	4.2	0.2	0.1	3.7	0.8	2.65	0.18	PL	
J0325.2+3410	51.313	34.171	155.833	–18.695	0.106	0.090	2	19.0	0.7	0.1	19.4	1.2	2.81	...	LP	T	...	2FGL J0324.8+3408	...	nlsy1	1H 0323+342
J0325.2–5634	51.323	–56.569	270.821	–49.859	0.054	0.051	–35	9.7	0.5	0.1	5.3	0.7	2.22	0.11	PL	2FGL J0325.1–5635	...	bll	1RXS J032521.8–563543
																		1FGL J0325.6–5626			
J0325.5+2223	51.400	22.399	163.668	–28.025	0.069	0.061	32	22.2	1.5	0.1	25.1	1.4	2.65	...	LP	T	...	2FGL J0326.1+2226	...	fsrq	TXS 0322+222
																		1FGL J0325.9+2219			
J0325.6–1648	51.410	–16.802	204.906	–52.950	0.036	0.034	53	19.0	1.1	0.1	14.0	1.6	1.79	0.07	PL	1FHL J0325.7–1647	...	bll	RBS 0421

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		2FGL J0325.6–1650			
																		1FGL J0325.9–1649			
J0326.0–1842	51.508	–18.704	207.918	–53.570	0.100	0.082	–23	5.0	0.3	0.1	2.9	0.8	2.21	0.23	PL	...	...	...	...	bcu	PMN J0325–1843
J0326.2+0225	51.555	2.418	180.748	–42.435	0.056	0.043	51	12.5	0.9	0.1	9.6	1.2	2.00	0.09	PL	...	...	1FHL J0326.1+0224	...	bll	1H 0323+022
																		2FGL J0326.1+0224			
																		1FGL J0326.2+0222			
J0327.4+5828c	51.869	58.477	142.154	1.554	0.134	0.111	–23	6.4	0.8	0.2	12.4	1.8	2.50	0.09	PL	...	1,6	...	...	...	...
J0330.6+0437	52.665	4.626	179.521	–40.143	0.107	0.085	–61	7.4	0.6	0.1	6.7	1.1	2.24	0.11	PL	...	...	...	...	...	...
J0331.3–6155	52.836	–61.928	276.968	–46.326	0.046	0.041	–8	12.7	0.7	0.1	7.3	0.9	2.08	0.09	PL	...	...	...	...	bcu	PMN J0331–6155
J0332.0+6308	53.001	63.148	139.949	5.711	0.055	0.047	–38	8.5	0.9	0.1	10.8	1.4	2.33	0.08	PL	...	...	1FHL J0332.1+6307	...	bcu	GB6 J0331+6307
																		2FGL J0332.1+6309			
																		1FGL J0332.0+6310			
J0332.4+4644	53.123	46.736	149.481	–7.666	0.238	0.218	73	5.5	0.5	0.1	7.0	1.2	2.47	0.11	PL	...	4,9	...	...	...	...
J0332.4+6110	53.121	61.170	141.139	4.127	0.513	0.247	–58	6.5	0.5	0.2	7.3	1.3	2.50	...	LP	...	1	...	...	...	...
J0333.4+4003	53.368	40.052	153.613	–12.976	0.098	0.084	7	5.0	0.4	0.1	4.8	1.1	2.24	0.14	PL	...	...	...	...	bcu	B3 0330+399
J0333.4+7853	53.360	78.890	130.515	18.483	0.058	0.057	12	9.6	0.6	0.1	6.4	0.8	2.20	0.10	PL	...	...	...	...	bcu	NVSS J033344+785027
J0333.6+0233	53.412	2.563	182.214	–40.931	0.147	0.092	–78	5.4	0.4	0.1	4.0	0.9	2.07	0.17	PL	...	...	...	...	...	...
J0333.6+2916	53.419	29.272	160.502	–21.522	0.033	0.030	9	17.8	1.4	0.1	17.2	1.7	1.86	0.06	PL	...	...	1FHL J0333.6+2918	...	bll	TXS 0330+291
																		2FGL J0333.7+2918			
																		1FGL J0333.7+2919			
J0333.9+6538	53.486	65.638	138.665	7.860	0.035	0.032	–17	11.7	0.9	0.1	10.0	1.3	1.94	0.09	PL	...	...	1FHL J0334.0+6539	...	bll	TXS 0329+654
																		2FGL J0334.3+6538			
																		1FGL J0334.3+6536			
J0334.2+3915	53.554	39.250	154.221	–13.535	0.117	0.085	–11	5.0	0.4	0.1	4.2	1.0	2.11	0.17	PL	...	...	...	...	rdg	4C +39.12
J0334.3–3726	53.582	–37.444	240.178	–54.365	0.026	0.025	31	36.7	2.7	0.1	30.9	1.8	1.97	0.04	PL	T	...	1FHL J0334.4–3726	...	bll	PMN J0334–3725
																		2FGL J0334.3–3728			
																		1FGL J0334.4–3727			
J0334.3–4008	53.577	–40.148	244.773	–54.058	0.023	0.022	6	58.3	4.6	0.2	42.3	1.7	2.15	...	LP	T	...	1FHL J0334.1–4006	...	bll	PKS 0332–403
																		2FGL J0334.2–4008			
																		1FGL J0334.2–4010			
																		0FGL J0334.1–4006			
J0335.3–4459	53.830	–44.998	252.699	–52.901	0.045	0.042	73	11.5	0.5	0.1	6.3	1.0	1.84	0.10	PL	...	...	1FHL J0335.3–4501	...	bll	1RXS J033514.5–445929
																		2FGL J0335.3–4501			
																		1FGL J0335.5–4501			
J0336.1+7500	54.044	75.015	133.109	15.503	0.048	0.045	–47	17.8	1.5	0.1	10.0	1.0	2.18	...	LP	...	...	2FGL J0336.0+7504	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J0334.2+7501			
J0336.5+3210	54.132	32.167	159.098	-18.872	0.173	0.139	-16	11.7	0.8	0.1	19.8	1.7	2.89	0.07	PL	T	3	2FGL J0337.0+3200c	...	fsrq	NRAO 140
J0336.9-1304	54.250	-13.072	201.356	-48.896	0.197	0.186	19	6.2	0.3	0.1	5.3	0.8	2.67	0.13	PL	...	...	...	...	fsrq	PKS 0334-131
J0336.9-3622	54.248	-36.383	238.311	-53.904	0.203	0.190	-12	4.8	0.3	0.1	3.6	0.8	2.44	0.14	PL	...	...	...	...	fsrq	PKS 0335-364
J0338.1-2443	54.534	-24.726	218.878	-52.612	0.054	0.052	-40	5.7	0.1	0.0	2.3	0.9	1.29	0.26	PL	...	...	1FHL J0338.1-2443	...	bll	1RXS J033810.1-244337
J0338.5+1303	54.631	13.066	173.562	-32.921	0.034	0.031	30	11.9	0.7	0.1	10.1	1.6	1.69	0.10	PL	...	...	1FHL J0338.4+1304	...	bcu	RX J0338.4+1302
																		2FGL J0338.2+1306			
J0339.2-1738	54.802	-17.645	208.136	-50.269	0.055	0.049	-19	9.9	0.6	0.1	6.8	1.1	1.93	0.10	PL	...	...	2FGL J0339.2-1734	...	bcu	PKS 0336-177
																		1FGL J0339.1-1734			
J0339.5-0146	54.883	-1.773	188.001	-42.449	0.034	0.033	-3	45.0	3.4	0.2	41.0	1.5	2.42	...	LP	T	...	2FGL J0339.4-0144	...	fsrq	PKS 0336-01
																		1FGL J0339.2-0143			
																		3EG J0340-0201			
																		EGR J0338-0203			
J0340.3+4130	55.090	41.509	153.782	-11.028	0.032	0.029	68	31.6	3.7	0.2	22.2	1.3	2.00	...	EC	...	...	2FGL J0340.4+4131	...	PSR	PSR J0340+4130
																		1FGL J0340.4+4130			
J0340.4+5302	55.100	53.048	146.781	-1.815	0.105	0.096	65	22.3	0.9	0.2	36.7	1.8	2.96	...	LP	...	...	2FGL J0340.5+5307	...	...	...
																		1FGL J0341.5+5304			
J0340.4-2423	55.104	-24.387	218.532	-52.029	0.145	0.101	-83	4.6	0.2	0.1	2.8	0.7	2.09	0.19	PL	...	...	2FGL J0340.7-2421	...	...	...
J0340.5-2119	55.141	-21.322	213.785	-51.186	0.067	0.062	10	11.0	0.6	0.1	7.2	0.9	2.22	0.10	PL	T	...	2FGL J0340.6-2113	...	bll	PKS 0338-214
J0342.2+3857	55.568	38.959	155.677	-12.816	0.058	0.051	-82	10.2	0.7	0.1	9.4	1.2	2.37	0.10	PL	T	...	2FGL J0342.4+3859	...	fsrq	GB6 J0342+3858
																		1FGL J0342.2+3859			
J0342.3+3148c	55.576	31.809	160.340	-18.381	0.102	0.080	-10	6.8	1.0	0.2	11.4	1.8	2.28	0.10	PL	...	5,6	2FGL J0341.8+3148c	...	...	...
J0342.6-3006	55.660	-30.111	227.895	-52.527	0.068	0.064	-28	4.7	0.2	0.1	2.2	0.7	1.85	0.21	PL	...	...	...	...	bcu	PKS 0340-302
J0342.8+1321	55.711	13.362	174.190	-31.966	0.073	0.068	-52	4.2	0.3	0.1	3.2	1.0	1.91	0.19	PL	...	...	...	...	...	...
J0343.2-2534	55.825	-25.567	220.629	-51.654	0.106	0.097	67	12.5	0.6	0.1	9.4	0.9	2.56	0.08	PL	T	...	1FGL J0343.4-2536	...	fsrq	PKS 0341-256
J0343.3+3622	55.850	36.373	157.516	-14.700	0.111	0.090	-58	5.3	0.4	0.1	6.0	1.2	2.43	0.14	PL	...	...	...	...	bcu	OE 367
J0343.3-6443	55.827	-64.724	279.211	-43.661	0.058	0.052	-42	13.9	0.8	0.1	9.3	0.9	2.15	0.07	PL	T	...	...	...	bcu	PMN J0343-6442
J0345.1-2353	56.294	-23.886	218.169	-50.855	0.065	0.063	-12	14.2	0.8	0.1	10.7	1.0	2.41	0.07	PL	...	...	2FGL J0345.2-2356	...	bll	NVSS J034518-235218
																		1FGL J0345.2-2355			
J0345.3+3236	56.350	32.602	160.337	-17.353	0.130	0.101	-84	7.7	0.7	0.1	8.2	1.1	2.43	...	LP	...	12	...	...	...	...
J0348.1+4431	57.048	44.529	153.032	-7.769	0.186	0.133	-40	4.2	0.4	0.1	5.0	1.2	2.28	0.15	PL	...	...	...	...	...	...
J0348.4+6039	57.105	60.663	142.998	4.885	0.112	0.083	-6	4.5	0.4	0.1	4.2	1.1	1.88	0.19	PL	...	...	...	...	...	...
J0348.6-2748	57.171	-27.805	224.506	-50.896	0.108	0.095	-29	7.0	0.4	0.1	5.0	0.8	2.38	0.12	PL	...	...	2FGL J0348.6-2750	...	fsrq	PKS 0346-27
																		1FGL J0348.5-2751			
J0348.7-1606	57.175	-16.109	207.273	-47.587	0.132	0.091	33	10.6	0.6	0.1	8.0	0.9	2.47	0.09	PL	...	...	...	...	bll	PKS 0346-163

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0349.2–1158	57.309	–11.978	201.887	–45.736	0.086	0.079	–43	7.1	0.3	0.1	4.3	1.0	1.73	0.16	PL	...	...	...	P	bl	1ES 0347–121
J0349.9–2102	57.478	–21.049	214.395	–49.025	0.068	0.066	–17	25.4	1.3	0.1	17.5	1.0	2.49	...	LP	T	...	2FGL J0350.0–2104 1FGL J0349.9–2104 0FGL J0349.8–2102	...	fsrq	PKS 0347–211
J0351.0–2816	57.769	–28.277	225.377	–50.453	0.083	0.082	–70	4.6	0.2	0.1	2.4	0.7	2.04	0.22	PL	...	5	...	...	...	...
J0351.1+0128	57.778	1.467	186.847	–38.194	0.195	0.163	–20	4.2	0.3	0.1	4.6	1.1	2.43	0.18	PL	...	...	...	...	ssrq	TXS 0348+013
J0351.4–3248	57.854	–32.800	232.485	–50.900	0.289	0.209	–44	4.7	0.2	0.1	3.4	0.7	2.80	0.19	PL	...	...	...	...	...	...
J0352.9+5655	58.237	56.921	145.812	2.343	0.049	0.044	–53	7.6	0.5	0.1	6.6	1.2	1.83	0.12	PL	...	...	2FGL J0353.2+5653 1FGL J0352.8+5658	...	bcu	GB6 J0353+5654
J0353.0–3622	58.265	–36.375	238.155	–50.672	0.076	0.064	–9	6.1	0.2	0.1	3.2	1.0	1.55	0.18	PL	...	...	...	...	bl	XRS J0353–3623
J0353.0–6831	58.273	–68.517	282.786	–40.776	0.053	0.044	–42	7.8	0.3	0.1	4.0	1.0	1.61	0.18	PL	...	...	...	...	bl	PKS 0352–686
J0354.1+4643	58.531	46.718	152.446	–5.418	0.130	0.107	–45	5.2	0.5	0.1	6.8	1.3	2.38	0.13	PL	...	3	...	...	bcu	B3 0350+465
J0354.6+8011	58.660	80.190	130.406	20.096	0.068	0.059	–68	12.3	0.6	0.1	8.2	0.8	2.37	0.08	PL	T	...	2FGL J0354.1+8010 1FGL J0354.6+8009	...	bl	S5 0346+80
J0356.3–6948	59.093	–69.813	283.998	–39.823	0.234	0.189	–13	4.7	0.3	0.1	3.9	0.8	2.53	0.16	PL	...	...	...	...	bcu	PMN J0357+6948
J0357.1+2325	59.280	23.423	168.919	–22.439	0.116	0.096	–78	5.5	0.4	0.1	5.2	1.0	2.41	0.15	PL	...	...	...	...	bcu	MG3 J0357.1+2319
J0357.1–4957	59.280	–49.950	258.713	–48.058	0.089	0.069	–56	8.1	0.4	0.1	4.3	0.7	2.10	0.13	PL	...	...	2FGL J0357.0–4950 1FGL J0357.1–4949	...	bl	PKS 0355–500
J0357.9+3206	59.480	32.106	162.757	–15.988	0.024	0.024	–77	72.5	8.7	0.3	66.0	1.5	2.23	...	EC	...	...	2FGL J0357.8+3205 1FGL J0357.8+3205 0FGL J0357.5+3205	...	PSR	LAT PSR J0357+3205
J0358.7+0633	59.689	6.565	183.328	–33.558	0.235	0.129	64	9.6	0.6	0.1	10.6	1.2	2.63	0.10	PL	T	...	...	...	bcu	PMN J0358+0629
J0358.8+6002	59.713	60.040	144.394	5.227	0.141	0.104	79	9.9	0.9	0.1	13.4	1.4	2.52	0.08	PL	T	...	2FGL J0359.1+6003	...	fsrq	TXS 0354+599
J0359.3–2612	59.837	–26.203	222.778	–48.259	0.099	0.090	–31	4.2	0.3	0.1	2.9	0.8	2.19	0.18	PL	...	...	...	...	bl	PKS 0357–264
J0359.5+5413	59.881	54.222	148.259	0.872	0.041	0.040	–39	19.2	3.2	0.2	24.5	1.9	2.31	...	LP	...	...	2FGL J0359.5+5410 1FGL J0359.5+5410	...	...	...
J0359.7+7649	59.935	76.831	133.024	17.813	0.072	0.060	56	4.6	0.2	0.1	2.7	0.7	2.17	0.17	PL	...	...	...	...	...	...
J0401.0–5359	60.259	–53.986	264.138	–46.306	0.088	0.069	–81	4.2	0.2	0.1	2.2	0.7	2.22	0.27	PL	...	...	...	...	...	...
J0401.4+2109	60.369	21.156	171.431	–23.333	0.117	0.091	83	6.2	0.5	0.1	6.3	1.1	2.35	0.11	PL	...	...	...	...	fsrq	TXS 0358+210
J0401.8–3144	60.458	–31.748	231.163	–48.614	0.226	0.195	–82	5.2	0.2	0.1	3.6	0.7	2.54	0.20	PL	...	...	2FGL J0401.6–3153 1FGL J0401.3–3152	...	fsrq	PKS 0400–319
J0402.1–2618	60.549	–26.303	223.127	–47.656	0.102	0.073	–1	7.5	0.5	0.1	5.3	0.9	2.13	0.12	PL	...	...	2FGL J0402.0–2616 1FGL J0402.1–2618	...	bl	PKS 0359–264
J0402.7+2616	60.676	26.270	167.760	–19.518	0.188	0.154	–35	5.5	0.3	0.1	6.1	1.1	2.77	0.14	PL	...	4	...	...	...	...
J0403.7–2442	60.934	–24.712	220.958	–46.956	0.141	0.123	58	4.3	0.2	0.1	2.9	0.7	2.37	0.18	PL	...	...	...	...	fsrq	TXS 0401–248

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0403.9–3604	60.994	–36.077	237.734	–48.467	0.024	0.023	–26	103.6	5.8	0.2	85.4	1.5	2.49	...	LP	T	...	2FGL J0403.9–3604 1FGL J0403.9–3603	...	FSRQ	PKS 0402–362	
J0405.5–1307	61.398	–13.123	205.751	–42.642	0.100	0.077	89	8.7	0.5	0.1	6.4	0.9	2.35	0.11	PL	T	...	2FGL J0405.8–1309 1FGL J0405.6–1309	...	fsrq	PKS 0403–13	
J0407.1–3825	61.796	–38.420	241.255	–47.851	0.048	0.045	–45	29.1	1.6	0.1	21.7	1.1	2.40	0.04	PL	T	...	2FGL J0407.3–3826 1FGL J0407.4–3827 0FGL J0407.6–3829	...	fsrq	PKS 0405–385	
J0407.5+0740	61.887	7.672	183.912	–31.163	0.095	0.085	–58	8.7	0.6	0.1	9.7	1.2	2.57	0.10	PL	...	...	2FGL J0407.7+0740 1FGL J0407.5+0749	...	bl	TXS 0404+075
J0409.4+3158	62.371	31.973	164.699	–14.403	0.121	0.097	–38	5.2	0.4	0.1	5.1	1.1	2.37	0.15	PL	...	1	...	...	bcu	NVSS J040928+320245
J0409.8–0358	62.457	–3.968	195.864	–37.374	0.081	0.069	42	11.4	0.8	0.1	9.0	1.1	2.06	0.08	PL	...	...	2FGL J0409.8–0357 1FGL J0409.9–0357	...	bl	NVSS J040946–040003
J0412.0+0229	63.024	2.496	189.621	–33.347	0.139	0.109	52	4.3	0.4	0.1	4.8	1.1	2.40	0.15	PL	
J0413.6–5334	63.401	–53.581	262.821	–44.646	0.062	0.046	–79	16.2	0.9	0.1	11.1	0.9	2.35	0.07	PL	T	7	2FGL J0413.5–5332 1FGL J0413.4–5334 0FGL J0412.9–5341	...	fsrq	PMN J0413–5332	
J0414.9–0840	63.734	–8.675	201.850	–38.605	0.161	0.131	26	5.3	0.3	0.1	4.2	0.8	2.40	0.15	PL
J0415.7–4351	63.941	–43.865	249.109	–45.978	0.206	0.190	60	7.6	0.4	0.1	5.1	0.7	2.48	0.12	PL	2FGL J0416.0–4355
J0416.6–1850	64.159	–18.841	214.296	–42.369	0.052	0.048	72	19.8	1.1	0.1	14.0	1.0	2.34	0.06	PL	T	...	2FGL J0416.7–1849 1FGL J0416.5–1851 3EG J0412–1853 EGR J0413–1851	...	fsrq	PKS 0414–189	
J0416.8+0104	64.223	1.077	191.830	–33.163	0.036	0.034	32	11.7	0.6	0.1	8.2	1.3	1.75	0.11	PL	...	...	2FGL J0416.8+0105 1FGL J0416.8+0107	P	bl	1ES 0414+009
J0418.0–0251	64.524	–2.852	196.020	–35.031	0.090	0.084	–60	13.8	0.9	0.1	12.1	1.1	2.46	0.07	PL	T	...	...	...	bcu	PKS B0415–029
J0418.2+3412	64.574	34.209	164.421	–11.517	0.163	0.128	–67	4.9	0.4	0.1	5.1	1.1	2.37	0.14	PL
J0418.5+3813c	64.640	38.221	161.566	–8.654	0.177	0.160	–22	10.6	0.7	0.1	16.3	1.5	2.79	0.08	PL	...	6	1FGL J0419.0+3811	...	rdg	3C 111	
J0419.1+6636	64.778	66.605	141.536	11.568	0.054	0.049	–58	14.5	1.3	0.1	15.4	1.3	2.31	0.06	PL	...	10	2FGL J0418.9+6636
J0420.4+1448	65.114	14.809	179.885	–24.215	0.253	0.186	–40	4.4	0.3	0.1	6.8	1.3	2.87	0.17	PL
J0420.4–6013	65.120	–60.227	271.156	–41.781	0.076	0.065	–40	6.1	0.3	0.1	3.1	0.8	1.85	0.19	PL
J0420.6–3742	65.164	–37.715	240.290	–45.189	0.076	0.064	34	10.5	0.6	0.1	7.9	1.0	2.34	0.10	PL	2FGL J0420.9–3743
J0421.6+1950	65.404	19.847	175.916	–20.749	0.118	0.107	59	6.1	0.6	0.1	7.5	1.3	2.33	0.11	PL
J0422.1–0642	65.545	–6.711	200.751	–36.093	0.108	0.086	–24	8.9	0.5	0.1	7.0	0.9	2.41	0.10	PL	...	...	2FGL J0422.1–0645 1FGL J0422.0–0647	...	fsrq	PMN J0422–0643
J0423.2–0119	65.825	–1.332	195.286	–33.127	0.021	0.021	–66	56.1	5.6	0.2	59.6	2.0	2.30	...	LP	T	...	1FHL J0423.3–0121	...	FSRQ	PKS 0420–01	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		2FGL J0423.2–0120			
																		1FGL J0423.2–0118			
																		0FGL J0423.1–0112			
																		3EG J0422–0102			
J0423.5+5442	65.900	54.706	150.487	3.612	0.150	0.112	80	4.4	0.7	0.2	12.9	3.1	2.63	0.15	PL	...	...	...	...	...	...
J0423.8+4150	65.968	41.833	159.698	−5.390	0.022	0.021	−85	28.0	2.9	0.2	33.9	2.2	1.89	0.04	PL	...	...	1FHL J0423.8+4151	...	bll	4C +41.11
																		2FGL J0423.8+4149			
																		1FGL J0423.8+4148			
J0424.7+0035	66.178	0.595	193.582	−31.795	0.042	0.042	−69	22.0	1.9	0.1	21.3	1.4	2.20	0.05	PL	T	...	2FGL J0424.7+0034	...	bll	PKS 0422+00
																		1FGL J0424.8+0036			
J0425.0−5331	66.266	−53.518	262.180	−43.006	0.054	0.052	28	15.4	0.7	0.1	9.3	0.8	2.34	0.08	PL	...	...	2FGL J0424.3−5332	...	bll	PMN J0425−5331
J0425.2+6319	66.324	63.321	144.406	9.762	0.041	0.038	−59	8.5	0.6	0.1	6.5	1.2	1.96	0.15	PL	...	...	1FHL J0425.3+6320	...	bcu	1RXS
																					J042523.0+632016
J0425.8+5600	66.452	56.014	149.768	4.750	0.063	0.052	−60	6.3	0.7	0.1	8.3	1.8	2.35	0.17	PL	...	3	1FHL J0425.4+5601	...	...	...
J0426.3+3510	66.588	35.170	164.885	−9.657	0.259	0.168	−43	4.4	0.5	0.1	6.6	1.6	2.49	0.13	PL	...	...	...	...	...	...
J0426.3+6827	66.590	68.458	140.645	13.345	0.070	0.069	−47	7.1	0.5	0.1	6.4	1.0	2.38	0.11	PL	...	...	...	...	bcu	4C +68.15
J0426.6+0459	66.674	4.993	189.670	−28.932	0.152	0.110	−54	7.9	0.6	0.1	10.1	1.4	2.56	0.10	PL	...	...	2FGL J0426.6+0509c	...	bcu	4C +04.15
J0426.7+5437	66.681	54.617	150.867	3.874	0.071	0.068	35	14.2	2.3	0.2	21.3	2.7	2.48	...	LP	...	...	2FGL J0426.7+5434	...	...	...
																		1FGL J0426.5+5437			
J0427.3−3900	66.836	−39.006	242.169	−43.926	0.082	0.072	43	14.7	1.0	0.1	18.2	1.5	2.67	0.06	PL	T	...	...	...	bcu	PMN J0427−3900
J0427.9−6704	66.982	−67.078	279.135	−38.544	0.070	0.068	−27	13.9	0.7	0.1	9.4	0.8	2.46	0.07	PL	...	...	2FGL J0427.2−6705	...	...	...
J0428.6−3756	67.168	−37.936	240.704	−43.618	0.010	0.010	−44	135.6	20.1	0.4	184.0	4.2	2.04	...	LP	T	...	1FHL J0428.7−3756	...	bll	PKS 0426−380
																		2FGL J0428.6−3756			
																		1FGL J0428.6−3756			
																		0FGL J0428.7−3755			
J0429.8+2843	67.452	28.723	170.240	−13.477	0.069	0.056	−83	6.2	0.6	0.1	6.7	1.3	1.96	0.13	PL	...	...	...	...	bcu	MG2 J042948+2843
J0429.8+3611c	67.469	36.195	164.622	−8.435	0.314	0.227	83	4.7	0.7	0.1	8.8	1.8	2.37	0.12	PL	...	4,5,6	...	...	...	...
J0430.1−3103	67.543	−31.066	231.402	−42.532	0.104	0.094	−25	4.9	0.2	0.1	2.6	0.7	1.97	0.18	PL	...	...	...	...	...	...
J0430.2−2508	67.552	−25.137	223.624	−41.251	0.089	0.067	18	7.6	0.4	0.1	5.1	0.8	2.19	0.12	PL	...	...	2FGL J0430.4−2507	...	bll	PMN J0430−2507
																		1FGL J0430.4−2509			
J0430.5+1655	67.626	16.927	179.761	−21.004	0.079	0.061	47	9.2	0.8	0.1	10.7	1.4	2.40	0.10	PL	...	...	...	...	bcu	MG1 J043022+1655
J0431.6+7403	67.903	74.058	136.574	17.361	0.046	0.039	30	12.0	0.6	0.1	6.9	0.9	1.99	0.09	PL	...	...	...	...	bcu	GB6 J0431+7403
J0431.7+3503	67.931	35.056	165.727	−8.929	0.226	0.189	−55	7.9	0.9	0.2	10.7	1.6	2.51	...	LP	...	3	...	...	...	...
J0432.5+0539	68.136	5.661	189.987	−27.354	0.166	0.137	−35	6.1	0.4	0.1	8.1	1.3	2.69	0.13	PL	...	...	...	...	...	...
J0433.1+3228	68.292	32.478	167.871	−10.435	0.060	0.051	−90	6.7	0.5	0.1	5.3	1.1	1.97	0.14	PL	...	...	2FGL J0433.7+3233	...	bcu	NVSS
																					J043307+322840
																		1FGL J0433.5+3230			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0433.6+2905	68.418	29.090	170.533	-12.600	0.021	0.020	73	29.1	3.7	0.2	41.4	2.3	2.02	0.04	PL	T	...	1FHL J0433.5+2905 2FGL J0433.5+2905 1FGL J0433.5+2905 3EG J0433+2908 EGR J0433+2906	...	bll	MG2 J043337+2905	
J0433.7-6028	68.429	-60.482	270.817	-40.145	0.068	0.064	-84	16.1	0.8	0.1	11.8	0.9	2.51	0.06	PL	T	...	2FGL J0433.4-6029	...	bcu	PKS 0432-606	
J0434.0-2010	68.514	-20.167	217.752	-38.942	0.113	0.093	17	8.3	0.5	0.1	6.0	0.9	2.20	0.10	PL	...	...	2FGL J0434.1-2014 1FGL J0434.1-2018	...	bll	TXS 0431-203
J0434.0-5726	68.509	-57.442	266.938	-40.887	0.067	0.061	26	10.0	0.5	0.1	5.4	0.8	2.00	0.11	PL	...	...	1FHL J0434.1-5725	...	bcu	SUMSS J043344-572613
J0434.3-1411c	68.577	-14.197	210.736	-36.714	0.140	0.123	18	5.1	0.4	0.1	5.4	1.0	2.48	0.13	PL	...	1,6
J0434.4-2341	68.623	-23.694	222.142	-39.922	0.115	0.103	-64	7.2	0.4	0.1	5.3	0.8	2.35	0.11	PL	...	...	2FGL J0435.1-2341	...	bcu	PMN J0434-2342
J0434.6+0921	68.666	9.360	186.959	-24.793	0.162	0.107	-10	6.6	0.6	0.1	6.2	1.1	2.11	0.14	PL	...	...	...	...	bcu	TXS 0431+092
J0437.2-4713	69.305	-47.228	253.362	-41.972	0.045	0.044	-50	34.5	2.2	0.1	17.9	0.9	2.31	...	EC	...	...	2FGL J0437.3-4712 1FGL J0437.2-4715	...	PSR	PSR J0437+4715
J0437.7-7330	69.439	-73.515	286.085	-35.193	0.092	0.073	65	6.6	0.4	0.1	4.1	0.8	2.10	0.18	PL	...	...	2FGL J0438.0-7331	...	...	...
J0438.3-1258	69.583	-12.982	209.850	-35.329	0.115	0.091	21	5.7	0.4	0.1	4.2	0.9	2.11	0.16	PL	...	...	2FGL J0439.0-1252 1FGL J0438.8-1250	...	fsrq	PKS 0436-129
J0438.8-4519	69.702	-45.322	250.787	-41.797	0.064	0.060	-23	15.8	0.8	0.1	10.8	0.9	2.39	0.07	PL	...	...	2FGL J0438.8-4521	...	bll	PKS 0437-454
J0439.6-3159	69.903	-31.989	233.079	-40.707	0.067	0.057	67	6.4	0.3	0.1	3.4	0.9	1.77	0.17	PL	...	...	...	...	bcu	1RXS J043931.4-320045
J0439.9-1859	69.977	-18.999	216.942	-37.251	0.043	0.036	59	10.8	0.5	0.1	6.0	1.0	1.92	0.12	PL	...	...	1FHL J0439.9-1858 2FGL J0439.8-1858 1FGL J0439.8-1857	...	bcu	PMN J0439-1900
J0440.3+1444	70.093	14.734	183.171	-20.479	0.159	0.114	-61	7.4	0.8	0.1	9.9	1.4	2.39	0.10	PL	...	...	2FGL J0440.4+1433	...	bcu	TXS 0437+145
J0440.3-2500	70.082	-25.015	224.260	-39.008	0.068	0.066	15	4.7	0.2	0.1	2.2	0.7	1.72	0.21	PL	...	1,3	...	...	bll	RBS 0570
J0440.8+2751	70.218	27.853	172.549	-12.204	0.047	0.043	-30	7.4	0.6	0.1	6.3	1.2	1.95	0.14	PL	...	...	2FGL J0440.9+2749 1FGL J0440.6+2748	...	bll	B2 0437+27B
J0442.6-0017	70.662	-0.299	197.203	-28.463	0.032	0.031	-61	50.8	3.5	0.2	51.2	1.4	2.50	0.03	PL	T	...	1FHL J0442.9-0017 2FGL J0442.7-0017 1FGL J0442.7-0019 3EG J0442-0033 EGR J0442+0027	...	fsrq	PKS 0440-00	
J0444.5+3425	71.135	34.424	167.962	-7.368	0.077	0.071	-59	4.6	0.5	0.1	5.6	1.4	2.18	0.13	PL	...	...	...	...	bcu	B2 0441+34
J0444.6-6012	71.171	-60.215	270.034	-38.901	0.090	0.079	-11	6.5	0.3	0.1	3.6	0.7	1.98	0.16	PL	...	...	1FGL J0445.2-6008	...	fsrq	PMN J0444-6014
J0447.1-2540	71.795	-25.676	225.602	-37.695	0.109	0.096	43	7.1	0.4	0.1	5.2	0.8	2.50	0.13	PL	...	...	...	...	...	...

Table 4—Continued

Name	3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0447.8–2119	71.966	–21.329	220.459	–36.264	0.223	0.172	35	5.2	0.3	0.1	4.5	0.9	2.55	0.15	PL	...	...	2FGL J0448.6–2118	...	fsrq	PKS 0446–212
J0448.6–1632	72.158	–16.534	215.023	–34.428	0.034	0.033	45	15.8	0.9	0.1	10.7	1.3	1.86	0.08	PL	...	...	1FHL J0448.5–1633 2FGL J0448.5–1633 1FGL J0448.5–1633	...	bl	RBS 0589
J0449.0+1121	72.251	11.359	187.409	–20.760	0.052	0.050	71	35.6	2.8	0.2	42.0	1.5	2.55	...	LP	T	...	2FGL J0448.9+1121 1FGL J0448.6+1118 3EG J0450+1105	...	fsrq	PKS 0446+11	
J0449.4–4350	72.362	–43.836	248.806	–39.912	0.012	0.011	–75	96.5	10.3	0.3	123.1	3.8	1.85	0.02	PL	T	...	1FHL J0449.4–4350 2FGL J0449.4–4350 1FGL J0449.5–4350 0FGL J0449.7–4348	P	bl	PKS 0447–439	
J0451.6+7231	72.916	72.518	138.776	17.546	0.125	0.105	–31	5.0	0.2	0.1	3.9	0.8	2.65	0.21	PL
J0451.7+5722	72.940	57.373	151.114	8.320	0.065	0.063	–13	6.0	0.5	0.1	6.7	1.2	2.49	0.14	PL	...	4,10
J0453.2+6321	73.317	63.366	146.447	12.174	0.049	0.040	63	10.5	0.7	0.1	8.8	1.1	2.35	0.09	PL	...	...	...	...	bcu	NVSS J045312+632117
J0453.2–2808	73.314	–28.147	229.044	–37.018	0.060	0.054	68	32.0	1.4	0.1	25.0	1.0	2.63	0.04	PL	T	...	2FGL J0453.1–2807 1FGL J0453.2–2805	...	fsrq	PKS 0451–2808	
J0454.6–6825	73.659	–68.432	279.654	–35.709	0.143	0.122	–55	6.3	0.5	0.1	5.4	1.0	2.20	0.11	PL	...	...	...	...	pwn	PWN G279.8–35.8
J0455.7–4617	73.945	–46.285	251.992	–38.826	0.056	0.054	–40	30.0	1.5	0.1	22.8	1.0	2.55	0.04	PL	T	...	2FGL J0456.1–4613 1FGL J0455.6–4618 3EG J0458–4635	...	fsrq	PKS 0454–46	
J0456.2–6924	74.067	–69.408	280.748	–35.283	0.160	0.105	22	9.9	0.8	0.1	9.3	1.1	2.31	0.08	PL	...	...	2FGL J0455.8–6920	...	...	LMC field ^a
J0456.3+2702	74.087	27.047	175.380	–10.031	0.091	0.078	–73	10.6	1.1	0.1	15.7	1.6	2.46	0.07	PL	T	...	2FGL J0456.5+2658	...	bcu	MG2 J045613+2702	
J0456.3–3131	74.090	–31.521	233.354	–37.123	0.163	0.126	4	9.0	0.4	0.1	6.2	0.8	2.54	0.10	PL	T	...	2FGL J0456.5–3132 1FGL J0456.4–3132	...	fsrq	PMN J0456–3135	
J0457.0+0643	74.269	6.725	192.727	–21.689	0.245	0.173	57	4.9	0.4	0.1	5.7	1.2	2.55	0.17	PL	...	...	1FGL J0457.9+0649	...	fsrq	4C +06.21
J0457.0–2324	74.264	–23.412	223.708	–34.895	0.013	0.013	66	161.1	18.0	0.3	176.4	2.7	2.21	...	LP	T	9	1FHL J0457.1–2326 2FGL J0457.0–2325 1FGL J0457.0–2325 0FGL J0457.1–2325 3EG J0456–2338 EGR J0456–2334	...	FSRQ	PKS 0454–234	
J0500.3+5237	75.091	52.618	155.652	6.349	0.054	0.047	5	8.6	0.7	0.1	9.2	1.3	2.35	0.09	PL	...	...	1FGL J0500.1+5237	...	spp	...
J0501.2–0157	75.318	–1.966	201.439	–25.272	0.045	0.042	–60	32.5	2.3	0.1	31.1	1.3	2.41	0.04	PL	T	...	2FGL J0501.2–0155 1FGL J0501.0–0200 3EG J0500–0159	...	fsrq	S3 0458–02	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0501.8+3046	75.469	30.777	173.130	-6.802	0.064	0.055	25	6.3	0.6	0.1	6.2	1.3	2.12	0.16	PL	...	3	...	...	bcu	1RXS J050140.8+304831
J0502.5+0612	75.626	6.214	193.966	-20.825	0.180	0.148	61	5.9	0.4	0.1	8.3	1.6	2.71	0.14	PL	...	...	2FGL J0502.5+0607 3EG J0459+0544	...	fsrq	PKS 0459+060
J0502.6+1759	75.655	17.995	183.708	-14.246	0.202	0.174	2	4.4	0.4	0.1	6.7	1.5	2.54	0.15	PL	...	...	...	...	...	...
J0502.7+3438	75.686	34.650	170.148	-4.307	0.086	0.072	30	8.6	0.9	0.1	11.4	1.5	2.29	0.09	PL	T	3	...	...	bcu	MG2 J050234+3436
J0503.4+4522	75.865	45.375	161.721	2.336	0.101	0.073	-33	8.1	0.9	0.1	11.1	1.5	2.36	0.10	PL	...	...	2FGL J0503.3+4517	...	bcu	1RXS J050339.8+451715
J0503.5+6538	75.889	65.633	145.244	14.409	0.072	0.061	-72	5.4	0.3	0.1	3.6	0.9	2.21	0.17	PL	...	...	1FGL J0503.2+4526	...	bll	1E 0458.1+6530
J0505.3+0459	76.343	4.998	195.475	-20.861	0.042	0.041	34	24.7	2.7	0.2	30.5	2.0	2.43	...	LP	T	...	2FGL J0505.5+0501	...	fsrq	PKS 0502+049
J0505.3-0422	76.350	-4.376	204.327	-25.523	0.135	0.114	86	5.2	0.5	0.1	6.1	1.2	2.26	0.11	PL	...	...	2FGL J0505.8-0411	...	fsrq	S3 0503-04
J0505.5+0416	76.382	4.274	196.158	-21.205	0.078	0.070	-30	7.6	0.5	0.1	6.1	1.2	1.91	0.15	PL	...	...	1FHL J0505.4+0418 2FGL J0505.4+0419 1FGL J0505.2+0420	...	bll	MG1 J050533+0415
J0505.5-1558	76.383	-15.974	216.223	-30.460	0.066	0.063	-20	6.3	0.4	0.1	4.1	0.8	2.10	0.14	PL	...	...	...	...	bcu	TXS 0503-160
J0505.9+6114	76.482	61.245	149.085	12.095	0.056	0.051	83	6.5	0.4	0.1	5.0	1.0	2.01	0.15	PL	...	...	2FGL J0505.9+6116	...	bll	NVSS J050558+611336
J0506.3-0357	76.587	-3.952	204.036	-25.115	0.169	0.125	43	4.3	0.4	0.1	4.7	1.2	2.17	0.13	PL	...	5	1FGL J0505.8-0416	...	...	...
J0506.9+0321	76.735	3.362	197.192	-21.375	0.090	0.069	-56	4.6	0.2	0.1	2.9	0.9	1.80	0.22	PL	...	...	...	...	...	...
J0506.9-5435	76.743	-54.584	262.420	-36.773	0.032	0.029	-86	14.9	0.6	0.1	9.0	1.4	1.60	0.09	PL	...	...	1FHL J0506.9-5434 2FGL J0506.7-5435 1FGL J0506.9-5435	...	bcu	1ES 0505-546
J0507.1-6102	76.780	-61.050	270.406	-36.043	0.054	0.052	-78	20.0	1.0	0.1	15.5	1.0	2.52	0.06	PL	T	...	2FGL J0507.5-6102 1FGL J0507.3-6103	...	fsrq	PKS 0506-61
J0507.5-0906	76.888	-9.102	209.298	-27.191	0.183	0.095	0	5.6	0.4	0.1	4.9	0.9	2.34	0.14	PL	...	1,9	2FGL J0506.5-0901	...	...	...
J0508.0+6736	77.004	67.614	143.807	15.891	0.014	0.014	45	39.3	2.1	0.1	35.5	2.4	1.52	0.04	PL	T	...	1FHL J0508.1+6737 2FGL J0508.0+6737 1FGL J0507.9+6738 0FGL J0507.9+6739	P	bll	1ES 0502+675
J0508.2-1936	77.062	-19.613	220.442	-31.191	0.165	0.144	12	4.6	0.3	0.1	3.3	0.7	2.37	0.16	PL	...	...	2FGL J0508.1-1936	...	bcu	PMN J0508-1936
J0509.3+1012	77.346	10.200	191.375	-17.249	0.063	0.057	-69	10.1	0.8	0.1	12.1	1.3	2.56	0.08	PL	...	...	2FGL J0509.2+1013 1FGL J0509.2+1015	...	fsrq	PKS 0506+101
J0509.4+0541	77.364	5.699	195.404	-19.628	0.016	0.016	76	54.5	6.5	0.2	72.3	2.6	2.04	0.03	PL	T	...	1FHL J0509.5+0542 2FGL J0509.4+0542 1FGL J0509.3+0540 EGR J0509+0550	...	bll	TXS 0506+056

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0509.7–0400	77.427	–4.010	204.528	–24.403	0.111	0.094	27	4.1	0.2	0.1	2.7	1.0	1.65	0.23	PL	...	...	...	...	bll	1H 0506–039
J0509.7–6418	77.439	–64.305	274.295	–35.207	0.068	0.061	–41	8.5	0.4	0.1	4.5	0.8	2.00	0.14	PL	...	...	1FHL J0509.9–6419	...	bcu	RBS 0625
J0510.0+1802	77.524	18.036	184.718	–12.764	0.059	0.052	51	14.5	1.3	0.1	17.8	1.5	2.41	0.07	PL	T	...	2FGL J0509.9+1802	...	fsrq	PKS 0507+17
																		1FGL J0510.0+1800			
J0512.0–3737	78.015	–37.623	241.513	–35.067	0.165	0.111	–72	4.1	0.2	0.1	2.7	0.8	2.07	0.21	PL	...	...	...	...	...	...
J0512.2+2918	78.063	29.312	175.658	–5.867	1.068	0.261	44	4.6	0.4	0.1	7.0	1.5	2.57	0.15	PL	...	9	...	...	bcu	B2 0509+29
J0512.9+4038	78.249	40.647	166.555	0.906	0.084	0.064	–44	7.3	0.7	0.1	8.0	1.3	2.10	0.10	PL	...	...	2FGL J0512.9+4040	...	bcu	B3 0509+406
J0514.4+5603	78.606	56.056	154.064	10.029	0.222	0.158	23	7.2	0.4	0.1	8.6	1.2	2.71	0.12	PL	...	1,4	3EG J0510+5545	...	fsrq	TXS 0510+559
J0514.6–4406	78.675	–44.113	249.474	–35.393	0.167	0.154	11	9.0	0.4	0.1	4.7	0.8	2.61	...	LP	...	...	2FGL J0515.0–4411	...	...	...
																		1FGL J0515.6–4404			
J0515.3–4557	78.831	–45.954	251.737	–35.429	0.172	0.132	–33	5.0	0.3	0.1	4.4	1.0	2.44	0.18	PL	...	...	2FGL J0516.5–4601	...	fsrq	PKS 0514–459
J0515.5–0123	78.893	–1.397	202.787	–21.871	0.056	0.053	57	4.6	0.2	0.1	2.8	0.9	1.75	0.18	PL	...	...	...	...	bcu	NVSS
																					J051536–012427
J0515.8+1526	78.964	15.439	187.719	–13.068	0.035	0.034	28	15.9	1.5	0.1	16.8	1.6	2.07	0.07	PL	...	...	1FHL J0515.9+1528	...	bll	GB6 J0515+1527
																		2FGL J0515.9+1528			
																		1FGL J0515.9+1528			
J0516.3+7351	79.095	73.859	138.618	19.774	0.050	0.045	81	9.5	0.5	0.1	5.4	0.8	1.97	0.14	PL	...	...	1FHL J0516.4+7351	...	bll	GB6 J0516+7350
																		2FGL J0515.5+7355			
																		1FGL J0515.2+7355			
J0516.6+1012	79.170	10.206	192.374	–15.731	0.080	0.064	7	4.3	0.3	0.1	3.5	1.2	2.00	0.30	PL	...	...	...	...	...	...
J0516.7–6207	79.189	–62.121	271.513	–34.760	0.027	0.025	80	38.5	2.8	0.1	31.3	1.4	2.15	0.03	PL	T	...	1FHL J0516.6–6209	...	bll	PKS 0516–621
																		2FGL J0516.8–6207			
																		1FGL J0516.7–6207			
																		0FGL J0516.2–6200			
																		3EG J0512–6150			
J0517.1+2628c	79.291	26.479	178.616	–6.616	0.122	0.108	–32	7.0	0.8	0.1	12.7	1.8	2.53	0.10	PL	...	1,3,6	2FGL J0516.7+2634	...	...	...
J0517.4+4540	79.373	45.668	162.941	4.492	0.227	0.104	86	4.7	0.4	0.1	6.3	1.3	2.46	0.14	PL	T	4	2FGL J0517.0+4532	...	fsrq	4C +45.08
J0517.5+0902	79.394	9.037	193.527	–16.163	0.114	0.089	–8	4.8	0.5	0.1	6.4	1.9	2.30	0.18	PL	...	5	2FGL J0517.5+0900	...	fsrq	PMN J0517+0858
																		1FGL J0517.6+0857			
J0519.2–4542	79.809	–45.707	251.500	–34.731	0.154	0.117	–39	4.7	0.3	0.1	4.7	1.2	2.49	0.18	PL	...	...	...	...	rdg	Pictor A
J0519.3+2746	79.850	27.773	177.831	–5.470	0.114	0.107	–13	4.3	0.5	0.1	6.1	1.7	2.33	0.18	PL	...	...	...	...	bcu	4C +27.15
J0519.5+0852	79.877	8.871	193.935	–15.844	0.142	0.121	–64	7.9	1.1	0.2	11.1	1.9	2.42	...	LP	...	1	...	...	bcu	TXS 0516+087
J0521.4–1740	80.353	–17.676	219.666	–27.584	0.103	0.095	–18	8.0	0.5	0.1	6.4	0.9	2.43	0.11	PL	...	...	2FGL J0521.4–1736	...	fsrq	TXS 0519–176
J0521.7+0103	80.436	1.058	201.295	–19.330	0.071	0.059	84	6.7	0.3	0.1	4.2	1.0	1.70	0.17	PL	...	...	2FGL J0521.9+0108	...	bcu	NVSS
																					J052140+010257
																		1FGL J0521.6+0103			
J0521.7+2113	80.443	21.222	183.599	–8.702	0.014	0.014	–37	53.7	7.9	0.3	90.8	3.3	1.92	0.02	PL	T	...	1FHL J0521.7+2113	P	bll	TXS 0518+211

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		2FGL J0521.7+2113			
																		1FGL J0521.7+2114			
J0521.9–3847	80.476	–38.785	243.289	–33.354	0.299	0.174	16	4.5	0.2	0.1	4.0	0.9	2.63	0.18	PL	T	...	...	...	bcu	PKS 0520–388
J0522.9–3628	80.742	–36.472	240.623	–32.718	0.025	0.023	–8	70.4	4.7	0.2	61.8	1.6	2.44	...	LP	T	...	1FHL J0523.3–3620	...	BCU	PKS 0521–36
																		2FGL J0523.0–3628			
																		1FGL J0522.8–3632			
J0523.3–2528	80.839	–25.476	228.202	–29.826	0.042	0.041	14	26.1	1.8	0.1	19.9	1.2	2.15	0.04	PL	...	10	2FGL J0523.3–2530	...	...	...
																		1FGL J0523.5–2529			
J0523.7+3328	80.932	33.474	173.651	–1.473	0.227	0.160	–70	6.4	0.6	0.1	11.0	1.6	2.63	0.11	PL	...	1	...	...	...	...
J0524.4+2839	81.124	28.655	177.735	–4.046	0.060	0.046	–78	9.2	0.9	0.1	10.0	1.5	2.12	0.11	PL	...	3	2FGL J0524.1+2843	...	...	...
																		1FGL J0524.1+2842			
J0524.5–6937	81.128	–69.629	280.300	–32.832	0.056	0.049	–11	5.7	0.2	0.1	3.6	1.0	1.63	0.19	PL	...	1	...	...	...	LMC field ^a
J0525.2–6614	81.324	–66.244	276.296	–33.295	0.098	0.086	77	5.7	0.4	0.1	4.9	1.0	2.11	0.16	PL	...	...	...	...	...	LMC field ^a
J0525.3–4558	81.331	–45.970	251.933	–33.699	0.116	0.090	59	5.5	0.3	0.1	3.6	0.8	2.20	0.16	PL	...	...	...	...	fsrq	PKS 0524–460
J0525.6–6013	81.415	–60.232	269.113	–33.873	0.039	0.038	–6	13.1	0.6	0.1	7.7	1.2	1.73	0.10	PL	...	...	2FGL J0525.5–6011	...	bcu	SUMSS | J052542+601341
J0525.8–2014	81.451	–20.248	222.795	–27.554	0.129	0.115	88	5.3	0.3	0.1	3.6	0.8	2.06	0.16	PL	...	...	...	...	bcu	PMN J0525–2010
J0526.0+4253	81.523	42.889	166.112	4.191	0.160	0.141	67	7.2	0.7	0.1	9.7	1.4	2.44	0.09	PL	...	...	2FGL J0526.6+4308	...	bcu	NVSS J052520+425520
J0526.2–4829	81.571	–48.499	254.979	–33.753	0.043	0.041	29	18.3	1.4	0.1	17.1	1.3	2.29	0.06	PL	T	...	2FGL J0526.1–4829	...	fsrq	PKS 0524–485
																		1FGL J0526.3–4829			
J0526.4+2247	81.609	22.798	182.875	–6.931	0.055	0.049	42	6.0	0.7	0.1	8.9	2.3	2.40	0.17	PL	...	...	2FGL J0526.6+2248	...	...	...
J0526.6+6321	81.660	63.359	148.613	15.264	0.177	0.117	26	6.2	0.3	0.1	5.2	0.8	2.54	0.12	PL	...	...	2FGL J0526.8+6326	...	bcu	GB6 J0526+6317
J0526.6–6825e	81.650	–68.420	278.843	–32.850	...	...	...	83.8	20.2	0.4	192.3	4.0	2.15	...	LP	...	...	0FGL J0538.4–6856	...	GAL	LMC
																		1FGL J0538.9–6914			
																		1FHL J0526.6–6825e			
																		2FGL J0526.6–6825e			
J0527.3+6647	81.836	66.785	145.568	17.050	0.086	0.065	–88	5.0	0.2	0.1	2.4	0.7	1.85	0.20	PL	...	...	1FGL J0527.6+6646	...	...	...
J0528.3+1815	82.078	18.261	186.960	–9.032	0.063	0.058	–52	4.9	0.2	0.1	3.3	1.0	1.65	0.21	PL	...	...	...	...	bcu	1RXS J052829.6+181657
J0529.1+0933	82.288	9.557	194.608	–13.454	0.073	0.064	82	8.2	0.8	0.1	9.3	1.4	2.32	0.12	PL	...	...	1FHL J0529.0+0937	...	bcu	GB6 J0529+0934
																		2FGL J0529.2+0935			
J0529.2+3822	82.309	38.367	170.214	2.183	0.116	0.103	85	9.1	1.0	0.1	15.1	1.7	2.53	0.08	PL	...	...	2FGL J0529.3+3821	...	...	...
J0529.2–5917	82.300	–59.299	267.964	–33.480	0.099	0.082	–90	5.6	0.3	0.1	3.6	0.8	2.37	0.22	PL	...	1,3	...	...	bll	1RXS J052846.9–592000
J0529.8–7242	82.453	–72.716	283.797	–31.843	0.076	0.072	–17	8.7	0.5	0.1	7.1	1.0	2.48	0.10	PL	T	...	...	...	bcu	PKS 0530–727
J0530.8+1330	82.719	13.515	191.375	–11.034	0.042	0.039	14	35.9	3.7	0.2	49.6	1.8	2.51	...	LP	T	...	2FGL J0530.8+1333	...	FSRQ	PKS 0528+134
																		1FGL J0531.0+1331			
																		0FGL J0531.0+1331			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0532.0–4827	83.000	–48.458	255.024	–32.805	0.016	0.016	63	73.8	8.4	0.2	77.9	2.7	2.10	...	LP	T	...	3EG J0530+1323 EGR J0530+1331 1FHL J0532.1–4826	...	BCU	PMN J0531–4827
J0532.7+0732	83.177	7.545	196.850	–13.726	0.026	0.024	70	50.9	5.9	0.2	63.0	2.1	2.32	...	LP	T	...	2FGL J0532.0–4826 1FGL J0532.9+0733	...	FSRQ	OG 050
J0533.0–3939	83.258	–39.664	244.771	–31.392	0.199	0.127	60	6.8	0.4	0.1	5.5	0.9	2.49	0.13	PL	...	...	2FGL J0532.7+0733	...	bcu	PKS 0531–397
J0533.2+4822	83.307	48.378	162.161	8.223	0.032	0.030	–68	32.9	2.9	0.2	37.5	1.5	2.39	0.03	PL	T	...	1FGL J0533.0+4825 2FGL J0533.0+4823	...	fsrq	TXS 0529+483
J0533.2+5944	83.311	59.742	152.249	14.111	0.170	0.152	64	5.9	0.4	0.1	6.8	1.1	2.64	0.11	PL	...	...	3EG J0533+4751	...	...	...
J0533.6–8323	83.411	–83.385	295.787	–29.149	0.051	0.049	–89	11.7	0.8	0.1	9.8	1.0	2.30	0.08	PL	T	...	1FGL J0533.0–8324 2FGL J0531.8–8324	...	fsrq	PKS 0541–834
J0533.8–3754	83.464	–37.905	242.793	–30.887	0.095	0.052	12	7.2	0.4	0.1	5.4	0.9	2.34	0.12	PL	...	9	1FGL J0533.0–8324	...	...	...
J0534.0+6759	83.504	68.000	144.774	18.197	0.046	0.041	22	18.3	1.4	0.1	9.6	0.9	2.09	...	EC	...	...	2FGL J0533.9+6759 1FGL J0533.9+6758	...	PSR	PSR J0533+6759
J0534.5+2201	83.637	22.024	184.552	–5.776	0.012	0.011	90	30.7	157.3	1.1	1471.9	10.6	2.23	...	EC	T	...	1FHL J0534.5+2201	P	PSR	PSR J0534+2200
J0534.5+2201i	83.633	22.020	184.553	–5.781	...	...	...	...	27.1	...	392.6	...	1.64	...	PL	...	3,5	1FHL J0534.5+2201 2FGL J0534.5+2201 0FGL J0534.6+2201 EGR J0534+2159	P	PWN	Crab
J0534.5+2201s	83.633	22.020	184.553	–5.781	...	...	...	16.4	0.0	0.0	51.9	6.0	5.72	0.38	PL	T	3,5	1AGL J0535+2205 1FHL J0534.5+2201 2FGL J0534.5+2201 0FGL J0534.6+2201 EGR J0534+2159 1AGL J0535+2205	P	PWN	Crab
J0535.3–6559	83.828	–65.997	275.865	–32.317	0.052	0.051	–31	7.8	0.5	0.1	6.0	1.0	2.20	0.12	PL	...	3	...	...	...	LMC field ^a
J0535.6–2749	83.921	–27.817	231.709	–27.921	0.235	0.168	–44	4.3	0.2	0.1	3.3	0.9	2.41	0.18	PL	...	...	...	...	bcu	PMN J0535–2751
J0535.7–0617c	83.935	–6.291	209.920	–19.686	0.099	0.089	–88	6.2	1.0	0.2	12.6	2.1	2.40	0.10	PL	...	1,5,6	...	...	...	...
J0536.4–3347	84.101	–33.788	238.296	–29.436	0.038	0.029	8	26.1	1.6	0.1	19.8	1.1	2.29	0.05	PL	T	7	1FHL J0536.4–3343 2FGL J0536.2–3348 1FGL J0536.2–3348	...	...	...
J0537.0+0957	84.266	9.950	195.285	–11.578	0.229	0.137	61	11.5	0.7	0.1	13.6	1.5	2.68	...	LP	T	1	...	...	...	...
J0537.0–7113	84.254	–71.221	281.955	–31.542	0.250	0.158	65	5.1	0.4	0.1	5.1	1.1	2.45	0.13	PL	...	...	...	...	...	LMC field ^a

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0537.4+3604c	84.351	36.075	173.023	2.301	0.080	0.067	21	4.5	0.7	0.2	8.3	2.1	2.27	0.13	PL	...	6	...	...	...	...
J0537.4-5717	84.362	-57.293	265.552	-32.429	0.066	0.057	-81	8.4	0.4	0.1	4.9	0.8	2.05	0.14	PL	...	10	2FGL J0537.7-5716	...	bll	SUMSS J053748-571828
																		1FGL J0537.7-5717			
J0538.4-3909	84.609	-39.166	244.441	-30.270	0.081	0.066	-38	6.5	0.3	0.1	3.7	0.8	2.04	0.17	PL	...	...	2FGL J0538.5-3909	...	bcu	NVSS J053810-390844
																		1FGL J0538.4-3910			
J0538.8-0341	84.709	-3.696	207.847	-17.821	0.221	0.187	15	4.6	0.5	0.1	7.6	1.5	2.56	0.13	PL	...	...	...	...	...	...
J0538.8-4405	84.709	-44.086	250.083	-31.090	0.009	0.009	-19	219.2	33.0	0.4	308.4	4.9	2.04	...	LP	T	3	1FHL J0538.8-4405	...	BLL	PKS 0537-441
																		2FGL J0538.8-4405			
																		1FGL J0538.8-4404			
																		0FGL J0538.8-4403			
																		3EG J0540-4402			
																		EGR J0540-4358			
																		1AGL J0538-4424			
J0538.9+1646	84.749	16.773	189.598	-7.660	0.058	0.049	15	5.9	0.4	0.1	5.0	1.2	1.89	0.14	PL	...	...	...	...	...	...
J0539.2-0536	84.801	-5.601	209.678	-18.607	0.269	0.226	65	7.3	0.6	0.1	10.8	1.5	2.55	...	LP	...	12	2FGL J0538.5-0534c	...	...	...
																		1FGL J0540.9-0547			
J0539.8+1434	84.957	14.571	191.606	-8.630	0.075	0.067	74	7.6	0.8	0.1	9.9	1.4	2.32	0.09	PL	T	...	...	...	fsrq	TXS 0536+145
J0539.9-7553	84.985	-75.884	287.290	-30.586	0.092	0.071	6	8.1	0.5	0.1	6.1	0.9	2.33	0.11	PL	...	...	2FGL J0540.1-7554	...	...	...
J0540.0+1208	85.002	12.148	193.735	-9.837	0.072	0.064	59	5.3	0.4	0.1	4.9	1.2	2.11	0.18	PL	...	...	...	...	...	...
J0540.0-2837	85.012	-28.627	232.909	-27.251	0.076	0.073	31	18.1	0.8	0.1	17.3	1.1	2.78	0.06	PL	T	...	2FGL J0539.3-2841	...	fsrq	PKS 0537-286
																		1FGL J0539.1-2847			
J0540.3+2756e	85.100	27.940	180.245	-1.500	...	...	...	20.9	7.1	0.4	80.6	4.5	2.19	0.03	PL	...	...	1FGL J0538.6+2717	...	SNR	S147
																		2FGL J0538.1+2718			
																		...			
J0540.4+5823	85.124	58.390	153.935	14.255	0.030	0.027	-79	14.1	0.9	0.1	10.2	1.1	2.00	0.09	PL	...	...	1FHL J0540.5+5822	...	bll	GB6 J0540+5823
																		2FGL J0540.4+5822			
J0540.5-5416	85.148	-54.268	261.998	-31.888	0.103	0.086	40	14.2	0.7	0.1	12.0	0.9	2.63	0.07	PL	T	...	2FGL J0540.4-5415	...	fsrq	PKS 0539-543
J0540.8+3503c	85.215	35.064	174.254	2.359	0.569	0.095	-63	4.5	0.7	0.1	10.1	2.2	2.52	0.12	PL	...	5,6	...	...	...	...
J0541.1+3553	85.277	35.897	173.572	2.842	0.136	0.096	-56	10.9	2.1	0.2	18.3	2.3	2.40	...	LP	...	1	2FGL J0540.3+3549c	...	...	...
																		1FGL J0541.1+3542c			
J0542.2-8737	85.560	-87.618	300.361	-27.813	0.078	0.061	-78	6.4	0.4	0.1	4.6	0.9	2.04	0.14	PL	...	9	...	...	bcu	SUMSS J054923-874001
J0542.5-0907c	85.638	-9.121	213.406	-19.418	0.195	0.156	50	7.4	0.9	0.2	13.6	1.8	2.57	0.09	PL	...	1,4,6	...	...	bcu	PMN J0542-0913
J0543.9-5531	85.978	-55.532	263.511	-31.480	0.024	0.022	31	25.3	1.6	0.1	20.4	1.8	1.77	0.05	PL	...	...	1FHL J0543.9-5532	...	bll	1RXS J054357.3-553206
																		2FGL J0543.9-5532			
																		1FGL J0543.8-5531			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0544.7+2239	86.176	22.657	185.256	-3.447	0.154	0.119	17	4.2	0.6	0.1	9.1	2.3	2.50	0.18	PL	...	4	...	...	...	...
J0545.6+6019	86.415	60.322	152.496	15.749	0.054	0.045	56	15.4	1.3	0.1	7.9	1.0	2.01	...	LP	...	...	2FGL J0545.6+6018	...	...	...
																			1FGL J0545.6+6022			
J0546.4+0031c	86.625	0.527	204.889	-14.158	0.392	0.338	-73	5.0	0.6	0.1	9.3	1.7	2.57	0.12	PL	...	6	2FGL J0547.1+0020c	...	...	...
																			1FGL J0547.0+0020c			
J0550.3-4521	87.587	-45.351	251.920	-29.284	0.300	0.221	71	4.7	0.3	0.1	4.7	1.0	2.66	0.17	PL	...	...	...	...	...	...
J0550.6-3217	87.662	-32.285	237.578	-26.154	0.050	0.047	-1	7.2	0.3	0.1	4.0	1.0	1.61	0.16	PL	...	...	1FHL J0550.6-3215	P	bll	PKS 0548-322
J0553.5-2036	88.382	-20.601	225.764	-21.635	0.084	0.074	62	9.6	0.7	0.1	7.3	1.1	1.99	0.09	PL	...	...	...	...	bcu	NVSS
																					J055333-203417	
J0554.1+3104	88.530	31.069	179.114	2.674	0.054	0.049	-10	18.6	2.8	0.2	17.3	1.4	2.24	...	EC	...	...	2FGL J0553.9+3104	...	PSR	LAT PSR J0554+3107
																			1FGL J0553.9+3105			
J0556.0-4353	89.011	-43.888	250.504	-28.010	0.098	0.081	69	7.6	0.5	0.1	5.3	0.9	2.20	0.12	PL	...	...	2FGL J0555.9-4348	...	bll	SUMSS
																					J055618-435146	
J0556.2+3933	89.058	39.550	171.947	7.275	0.235	0.192	-73	8.0	0.3	0.1	11.6	1.3	3.09	0.13	PL	...	3	...	...	...	...
J0557.7-0720	89.450	-7.340	213.456	-15.246	0.072	0.057	-23	4.7	0.4	0.1	4.3	1.2	2.15	0.18	PL	...	...	...	...	...	...
J0558.1-3838	89.539	-38.645	244.869	-26.417	0.050	0.042	-36	11.7	0.7	0.1	7.7	1.0	1.96	0.10	PL	...	...	2FGL J0558.2-3837	...	bll	EXO 0556-3838
																			1FGL J0557.6-3831			
J0558.6-7459	89.669	-74.996	286.092	-29.539	0.057	0.050	79	9.7	0.6	0.1	6.9	1.0	2.05	0.10	PL	...	...	2FGL J0558.7-7501	...	bll	PKS 0600-749
																			1FGL J0559.2-7500			
J0559.8+3042	89.962	30.715	180.035	3.562	0.052	0.043	-68	5.9	0.3	0.1	4.7	1.2	1.71	0.17	PL	...	...	...	...	...	...
J0600.4-1934	90.118	-19.573	225.412	-19.737	0.208	0.192	-71	6.2	0.4	0.1	5.7	1.0	2.56	0.13	PL	...	9	2FGL J0600.8-1949	...	...	...
J0600.9-3943	90.239	-39.717	246.179	-26.164	0.194	0.152	-25	4.9	0.3	0.1	6.6	1.2	2.81	0.13	PL	...	...	...	...	fsrq	PKS 0558-396
J0601.0+3837	90.267	38.625	173.223	7.646	0.056	0.051	-86	7.2	0.5	0.1	5.6	1.2	1.89	0.15	PL	...	...	1FHL J0601.0+3838	...	bll	B2 0557+38
																			2FGL J0600.9+3839			
																			1FGL J0600.9+3838			
J0601.2-7036	90.313	-70.609	281.042	-29.624	0.031	0.028	-39	39.6	3.0	0.2	30.9	1.3	2.32	...	LP	T	...	1FHL J0601.1-7037	...	fsrq	PKS 0601-70	
																			2FGL J0601.1-7037			
																			1FGL J0600.7-7037			
J0601.5+2309	90.384	23.158	186.792	0.147	0.233	0.139	7	4.8	0.7	0.2	10.2	2.0	2.48	0.12	PL	...	9	...	...	...	...
J0602.2+5314	90.562	53.235	160.109	14.586	0.054	0.052	31	8.8	0.5	0.1	6.1	1.0	2.03	0.13	PL	...	...	2FGL J0602.3+5315	...	bcu	GB6 J0601+5315
J0602.8-4016	90.715	-40.272	246.879	-25.952	0.041	0.036	62	15.3	1.1	0.1	12.1	1.3	1.92	0.08	PL	...	...	1FHL J0602.4-4013	...	bcu	SUMSS
																					J060251-401845	
																			2FGL J0602.7-4011			
																			1FGL J0603.0-4012			
J0603.3+2042	90.840	20.716	189.124	-0.690	0.069	0.058	-68	4.4	0.2	0.2	3.5	1.7	1.50	0.50	PL	...	...	...	...	...	...
J0603.8+2155	90.963	21.927	188.126	0.005	0.065	0.052	-17	6.9	0.8	0.2	9.4	1.9	2.10	0.14	PL	T	bcu	4C +22.12
J0604.1-4817	91.031	-48.292	255.695	-27.503	0.046	0.040	-79	7.9	0.2	0.1	3.8	1.0	1.44	0.17	PL	...	...	1FHL J0604.2-4817	...	bll	1ES 0602-482
																			2FGL J0604.2-4817			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0604.7–4849	91.184	–48.824	256.306	–27.503	0.112	0.090	80	5.1	0.3	0.1	3.7	0.9	2.40	0.19	PL	...	1,5	1FGL J0604.2–4817	...	bcu	1RXS J060432.7–485007
J0605.0+3756	91.253	37.935	174.208	7.996	0.069	0.062	–18	11.4	1.4	0.2	6.9	1.0	2.16	...	EC	...	...	2FGL J0605.3+3758	...	PSR	PSR J0605+3757
J0605.0–0000	91.271	–0.009	207.599	–10.302	0.054	0.048	38	8.1	0.7	0.1	7.8	1.3	2.01	0.12	PL	...	...	1FHL J0605.0+0001	...	...	...
J0605.9+2039c	91.477	20.653	189.472	–0.202	0.106	0.085	36	6.9	1.4	0.2	17.8	2.7	2.36	0.08	PL	...	6,9	1FGL J0605.1+0005	...	...	...
J0606.4–4729	91.605	–47.492	254.897	–26.969	0.080	0.075	53	6.4	0.4	0.1	4.5	0.9	2.33	0.17	PL	...	...	...	...	bcu	ESO 254– G 017
J0607.4+4739	91.860	47.654	165.640	12.863	0.029	0.028	28	30.6	2.6	0.1	28.8	1.5	2.15	0.04	PL	...	...	2FGL J0607.4+4739	...	bll	TXS 0603+476
J0608.0–0835	92.011	–8.589	215.766	–13.516	0.047	0.042	7	19.7	2.1	0.2	26.9	1.7	2.37	0.05	PL	T	...	1FGL J0607.2+4739	...	fsrq	PKS 0605–08
J0608.1–1522	92.031	–15.380	222.135	–16.388	0.066	0.062	–74	22.3	1.6	0.1	22.7	1.3	2.55	...	LP	T	7	2FGL J0608.0–1521	...	fsrq	PMN J0608–1520
J0608.2–2306	92.064	–23.110	229.615	–19.407	0.161	0.153	62	4.5	0.3	0.1	3.3	0.8	2.20	0.16	PL	...	...	1FGL J0608.0–1521	...	...	...
J0608.6+5328	92.160	53.483	160.301	15.554	0.175	0.153	–34	4.2	0.3	0.1	4.6	1.0	2.49	0.16	PL	...	...	...	...	...	...
J0609.2+2051c	92.319	20.863	189.671	0.588	0.067	0.064	–33	5.0	1.0	0.2	11.6	2.8	2.27	0.11	PL	...	5,6	...	...	...	...
J0609.3+2131	92.341	21.531	189.097	0.930	0.146	0.128	51	9.8	2.1	0.3	16.5	2.2	2.38	...	LP	...	...	...	...	psr	PSR J0609+2130
J0609.4–0248	92.352	–2.806	210.630	–10.628	0.040	0.038	–82	12.3	1.0	0.1	11.2	1.5	1.90	0.10	PL	...	...	1FHL J0609.4–0248	...	bll	NVSS J060915–024754
J0609.6–2851	92.418	–28.863	235.460	–21.184	0.243	0.187	–46	4.8	0.2	0.1	3.8	0.8	2.64	0.18	PL	...	...	2FGL J0609.4–0248	...	...	...
J0609.7–1841	92.426	–18.693	225.461	–17.386	0.104	0.091	–48	8.6	0.6	0.1	7.4	1.0	2.30	0.10	PL	...	...	1FGL J0609.3–0244	...	...	...
J0610.2–2059	92.554	–20.991	227.730	–18.179	0.078	0.065	5	13.4	0.9	0.1	11.5	1.1	2.34	0.07	PL	...	...	2FGL J0609.6–1847	...	...	...
J0610.6+1728	92.668	17.472	192.799	–0.762	0.163	0.114	–30	10.0	1.5	0.3	16.5	2.0	2.46	...	LP	...	...	2FGL J0610.3–2059	...	PSR	PSR J0610–2100
J0611.1–6100	92.795	–61.006	270.107	–28.309	0.133	0.105	0	10.5	0.4	0.1	8.1	0.8	2.70	0.10	PL	T	...	1FGL J0610.7–2059	...	spp	...
J0611.2+4323	92.816	43.387	169.854	11.563	0.062	0.057	–34	8.1	0.5	0.1	5.8	1.0	2.17	0.14	PL	...	...	...	...	fsrq	PKS 0609–609
J0611.5+1957	92.899	19.960	190.724	0.629	0.100	0.084	13	6.9	1.2	0.2	15.9	2.4	2.38	0.08	PL	...	1	2FGL J0611.0+4321	...	bcu	NVSS J061107+432404
J0611.7+2759	92.932	27.998	183.676	4.507	0.119	0.096	–5	5.3	0.6	0.1	7.1	1.4	2.28	0.13	PL	...	1	...	...	bcu	GB6 J0611+2803
J0612.8+4122	93.208	41.371	171.823	10.918	0.019	0.019	–40	45.8	4.6	0.2	51.2	2.1	2.03	0.03	PL	T	...	1FHL J0612.8+4121	...	bll	B3 0609+413
J0613.8–0201	93.451	–2.030	210.436	–9.297	0.030	0.029	85	35.0	5.3	0.2	33.6	1.6	2.11	...	EC	...	...	2FGL J0612.8+4122	...	PSR	PSR J0613–0200
																		1FGL J0612.7+4120	...	PSR	PSR J0613–0200

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0614.1–3329	93.537	–33.495	240.496	–21.831	0.013	0.013	36	118.0	17.4	0.4	110.8	2.4	1.87	...	EC	...	...	1FGL J0613.7–0200	...	PSR	PSR J0614–3329
																		0FGL J0613.9–0202			
																		1FHL J0614.0–3325			
																		2FGL J0614.1–3329			
																		1FGL J0614.1–3328			
																		0FGL J0614.3–3330			
J0615.4–3116	93.861	–31.271	238.342	–20.834	0.078	0.063	–79	8.6	0.5	0.1	6.1	0.9	2.33	0.11	PL	...	...	3EG J0616–3310	...	bll	PKS 0613–312
																		EGR J0615–3308			
																		...			
																		...			
																		...			
																		...			
J0617.2+2234e	94.310	22.580	189.048	3.034	...	...	...	133.3	63.3	0.7	502.1	7.0	1.98	...	LP	...	...	1FHL J0617.2+2234e	E	SNR	IC 443
																		2FGL J0617.2+2234e			
																		1FGL J0617.2+2233			
																		0FGL J0617.4+2234			
																		3EG J0617+2238			
																		EGR J0617+2238			
J0617.2+5701	94.300	57.025	157.417	18.086	0.033	0.030	31	19.4	1.2	0.1	13.6	1.1	2.04	0.06	PL	...	...	1AGL J0617+2236	...	bll	87GB
																		1FHL J0617.0+5700			061258.1+570222
																		2FGL J0616.9+5701			
																		1FGL J0616.9+5701			
																		1FHL J0617.6–1716			
																		...			
J0617.6–1717	94.408	–17.298	224.927	–15.097	0.041	0.038	81	13.4	1.0	0.1	11.4	1.4	1.94	0.08	PL	...	...	1FHL J0617.6–1716	...	bll	CRATES
																		...			J061733.67–171522.8
																		2FGL J0617.6–1716			
																		1FGL J0617.7–1718			
																		...			
																		...			
J0618.0+7819	94.519	78.323	135.682	24.861	0.073	0.071	–70	6.1	0.3	0.1	3.6	0.7	2.37	0.15	PL	...	4	...	...	fsrq	1REX J061757+7816.1
J0618.2–2429	94.566	–24.495	231.881	–17.811	0.139	0.111	–50	5.8	0.4	0.1	4.8	0.9	2.42	0.12	PL	...	1	...	...	bcu	PMN J0618–2426
J0618.9–1138	94.739	–11.642	219.784	–12.423	0.168	0.104	37	5.6	0.5	0.1	7.7	1.4	2.47	0.13	PL	...	4	3EG J0622–1139	...	bcu	TXS 0616–116
J0619.4+2242	94.874	22.706	189.182	3.553	0.106	0.070	89	5.5	1.4	0.3	15.4	3.5	2.01	0.13	PL	...	5	...	...	...	...
J0620.4+2644	95.121	26.740	185.708	5.632	0.067	0.060	–83	5.0	0.3	0.1	3.9	1.1	1.65	0.19	PL	...	...	...	bcu	RX J0620.6+2644	
J0621.0+2514	95.273	25.242	187.104	5.059	0.073	0.069	29	8.6	1.0	0.1	11.0	1.5	2.17	0.09	PL	...	...	2FGL J0621.2+2508	...	PSR	PSR J0621+2514
																		1FGL J0621.5+2508			
J0622.2+3747	95.555	37.797	175.903	10.956	0.058	0.053	67	25.6	2.2	0.2	19.7	1.1	2.40	...	EC	...	...	2FGL J0621.9+3750	...	PSR	LAT PSR J0622+3749
																		1FGL J0622.2+3751			
J0622.4–2606	95.609	–26.115	233.829	–17.552	0.040	0.034	–41	16.3	1.1	0.1	13.0	1.4	1.94	0.07	PL	T	...	1FHL J0622.4–2604	...	bll	PMN J0622–2605
																		1FGL J0622.3–2604			
J0622.9+3326	95.735	33.436	179.941	9.157	0.019	0.017	–70	56.1	7.0	0.2	70.5	2.4	2.18	...	LP	T	...	1FHL J0622.9+3328	...	BCU	B2 0619+33
																		2FGL J0622.9+3326			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0623.1–4143	95.780	–41.726	249.549	–22.666	0.118	0.111	74	4.1	0.3	0.1	3.0	0.8	2.29	0.19	PL	...	...	...	...	...	...
J0623.3+3043	95.827	30.725	182.425	8.008	0.072	0.058	–28	5.2	0.4	0.1	4.3	1.1	1.89	0.17	PL	...	...	...	...	bcu	GB6 J0623+3045
J0625.2+4440	96.318	44.680	169.760	14.391	0.044	0.037	52	13.2	0.9	0.1	9.5	1.1	2.05	0.09	PL	...	...	1FHL J0625.3+4440 2FGL J0625.2+4441 1FGL J0625.4+4440	...	bll	GB6 J0625+4440
J0626.0–5436	96.521	–54.607	263.354	–25.380	0.170	0.147	–28	8.4	0.3	0.1	7.2	0.9	2.92	0.15	PL	...	...	1FGL J0625.9–5430	...	fsrq	PMN J0625–5438
J0626.6–4259	96.667	–42.998	251.073	–22.407	0.076	0.056	–42	7.4	0.3	0.1	4.5	1.0	1.74	0.15	PL	...	...	2FGL J0626.8–4258 1FGL J0626.6–4254	...	bcu	1RXS J062635.9–425810
J0626.8+1743	96.712	17.732	194.394	2.757	0.207	0.145	27	4.4	0.7	0.2	13.7	3.1	2.70	0.13	PL	...	...	...	...	...	...
J0627.0–3529	96.773	–35.489	243.454	–19.972	0.035	0.031	61	20.1	1.4	0.1	16.9	1.6	1.87	0.06	PL	...	...	1FHL J0626.8–3528 2FGL J0627.1–3528 1FGL J0627.3–3530	...	rdg	PKS 0625–35
J0627.9–1517	96.985	–15.298	224.121	–12.014	0.106	0.092	–17	4.5	0.3	0.1	5.4	1.2	2.72	0.18	PL	...	...	...	...	bcu	NVSS J062753–152003
J0628.4+2429	97.123	24.498	188.543	6.208	0.110	0.093	25	4.3	0.4	0.1	5.0	1.3	2.21	0.16	PL	...	...	...	...	...	...
J0629.0–6248	97.272	–62.806	272.405	–26.435	0.088	0.075	–29	9.2	0.5	0.1	6.3	0.8	2.23	0.11	PL	...	...	2FGL J0628.9–6246	...	bll	PKS 0628–627
J0629.4–1959	97.358	–19.986	228.641	–13.652	0.029	0.027	–69	33.6	3.4	0.2	38.2	1.8	2.18	0.03	PL	T	...	2FGL J0629.3–2001 1FGL J0629.6–2000	...	bll	PKS 0627–199
J0630.2–0929c	97.571	–9.496	219.057	–8.982	0.377	0.235	28	4.2	0.5	0.1	7.3	1.5	2.51	0.13	PL	...	6	...	...	...	...
J0630.3+6906	97.589	69.112	145.688	23.383	0.226	0.167	–78	4.2	0.2	0.1	2.9	0.7	2.39	0.19	PL	...	...	...	...	bcu	GB6 J0629+6900
J0630.9–2406	97.747	–24.110	232.685	–14.990	0.019	0.019	–56	38.4	3.5	0.2	42.9	2.6	1.81	0.04	PL	...	...	1FHL J0630.9–2406 2FGL J0630.9–2406 1FGL J0630.9–2406	...	bll	TXS 0628–240
J0631.2+2019	97.803	20.328	192.560	4.868	0.123	0.091	86	5.9	0.7	0.1	9.3	1.8	2.46	0.13	PL	...	...	...	...	bcu	TXS 0628+203
J0631.5+1036	97.886	10.613	201.233	0.467	0.031	0.029	73	28.5	5.7	0.3	39.2	2.2	2.12	...	EC	...	3	2FGL J0631.5+1035 1FGL J0631.4+1037 0FGL J0631.8+1034	...	PSR	PSR J0631+1036
J0631.6+0644	97.907	6.741	204.676	–1.305	0.047	0.046	–61	14.0	3.2	0.3	21.2	2.8	2.19	...	LP	...	...	2FGL J0631.6+0640 3EG J0631+0642	...	spp	...
J0633.7+0632	98.438	6.541	205.097	–0.929	0.018	0.018	71	57.9	17.1	0.5	124.4	3.6	2.16	...	EC	...	...	2FGL J0633.7+0633 1FGL J0633.7+0632 0FGL J0633.5+0634 EGR J0633+0646	...	PSR	LAT PSR J0633+0632
J0633.9+1746	98.479	17.773	195.133	4.270	0.005	0.005	78	1012.1	692.2	2.1	4153.1	10.9	1.87	...	EC	...	...	1FHL J0633.9+1746	E	PSR	PSR J0633+1746
J0634.1+0424	98.528	4.406	207.034	–1.833	0.109	0.089	20	21.1	4.3	0.3	46.9	2.9	2.39	...	LP	...	3	...	...	...	...
J0634.7–2334	98.677	–23.575	232.531	–13.996	0.182	0.132	87	6.6	0.5	0.1	7.3	1.1	2.54	0.11	PL	...	1	2FGL J0635.0–2334	...	fsrq	PMN J0634–2335

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0635.7–7517	98.942	–75.293	286.392	–27.160	0.064	0.058	48	22.8	1.0	0.1	20.4	1.0	2.71	0.05	PL	T	...	2FGL J0635.5–7516 1FGL J0636.1–7521	...	fsrq	PKS 0637–75
J0636.7+7115	99.191	71.263	143.547	24.427	0.169	0.139	76	6.5	0.3	0.1	4.9	0.8	2.61	0.14	PL	...	...	...	...	...	...
J0637.5+0418	99.383	4.315	207.507	–1.117	0.089	0.078	59	8.8	1.3	0.4	17.4	2.4	2.45	...	LP	...	5	2FGL J0637.0+0416c	...	...	...
J0638.4+5704	99.605	57.074	158.421	20.811	0.156	0.137	–32	6.3	0.2	0.1	4.8	0.7	2.93	0.18	PL	...	1	...	...	...	...
J0638.6+7324	99.653	73.408	141.270	25.010	0.114	0.109	51	11.0	0.4	0.1	7.7	0.8	2.64	0.09	PL	T	...	1FGL J0639.9+7325	...	fsrq	S5 0633+73
J0639.9+3250	99.988	32.839	182.052	12.111	0.542	0.263	4	4.4	0.3	0.1	5.0	1.0	2.65	0.17	PL	...	9	...	...	...	...
J0640.0–1252	100.021	–12.876	223.196	–8.312	0.041	0.039	–31	8.0	0.3	0.1	5.7	1.3	1.51	0.16	PL	...	3	...	...	bcu	TXS 0637–128
J0640.9+0752	100.247	7.882	204.730	1.281	0.288	0.164	–35	5.7	0.8	0.1	12.4	2.3	2.56	0.11	PL	...	1,5	...	...	spp	...
J0641.1+1004	100.286	10.083	202.788	2.321	0.181	0.148	9	10.2	1.3	0.2	18.4	2.4	2.62	...	LP	...	1	2FGL J0641.1+1006c	...	...	...
J0641.8–0319	100.471	–3.319	214.802	–3.636	0.163	0.124	–78	4.1	0.6	0.1	8.2	1.8	2.45	0.14	PL	T	3	...	...	bcu	TXS 0639–032
J0643.2+0859	100.803	8.995	203.990	2.278	0.069	0.056	–30	15.4	2.5	0.2	25.5	2.8	2.48	...	LP	T	3	2FGL J0643.2+0858 1FGL J0643.2+0859 0FGL J0643.2+0858	...	fsrq	PMN J0643+0857
J0643.4–5358	100.851	–53.972	263.325	–22.775	0.091	0.086	46	6.6	0.4	0.1	4.9	0.9	2.44	0.14	PL	...	...	...	...	bcu	PMN J0643–5358
J0644.3–6713	101.088	–67.223	277.537	–25.536	0.020	0.020	–6	47.8	4.0	0.2	44.0	1.7	2.10	0.03	PL	T	...	1FHL J0644.2–6713 2FGL J0644.2–6713	...	bcu	PKS 0644–6713
J0644.6+6035	101.152	60.591	155.048	22.594	0.067	0.056	10	11.1	0.6	0.1	7.1	0.8	2.28	0.09	PL	...	...	1FHL J0644.2+6036 2FGL J0644.6+6034 1FGL J0645.5+6033	...	...	...
J0644.6–2853	101.159	–28.896	238.476	–14.091	0.081	0.078	65	4.8	0.3	0.1	3.5	0.9	2.11	0.18	PL	...	...	...	...	bcu	1RXS J064444.2–285120
J0645.9–3914	101.489	–39.237	248.539	–17.753	0.469	0.389	–50	5.1	0.2	0.1	5.0	0.9	2.89	0.19	PL	...	1	...	...	fsrq	PKS 0644–390
J0646.4–5452	101.601	–54.878	264.397	–22.594	0.128	0.102	–34	7.1	0.6	0.1	2.6	0.4	2.29	...	LP	...	3,12	...	...	bcu	PMN J0646–5451
J0647.0–5134	101.766	–51.570	260.998	–21.577	0.217	0.098	46	5.5	0.3	0.1	3.9	0.8	2.19	0.18	PL	...	...	1FHL J0647.1–5131 2FGL J0647.7–5132	...	bcu	1ES 0646–515
J0647.1–4415	101.776	–44.258	253.588	–19.285	0.126	0.115	14	4.2	0.2	0.1	3.1	0.8	2.34	0.23	PL	...	...	...	...	bcu	SUMSS J064648–441929
J0647.6+0032	101.913	0.535	212.025	–0.598	0.086	0.071	–80	11.2	1.5	0.2	20.6	2.0	2.46	0.07	PL	...	...	2FGL J0647.7+0032 1FGL J0647.3+0031	...	...	...
J0647.6–6058	101.908	–60.967	270.863	–23.945	0.050	0.045	–9	13.6	0.8	0.1	10.3	1.0	2.34	0.07	PL	T	...	2FGL J0647.8–6102 1FGL J0648.6–6052	...	bcu	PMN J0647–6058
J0647.8+1751	101.962	17.851	196.560	7.269	0.271	0.158	–79	5.3	0.4	0.1	8.0	1.5	2.70	0.13	PL	...	1	...	...	...	...
J0648.1+1606	102.041	16.108	198.167	6.564	0.046	0.044	–76	5.3	0.2	0.1	3.0	0.9	1.77	0.28	PL	...	...	...	...	bcu	1RXS J064814.1+160708
J0648.1–3045	102.044	–30.762	240.556	–14.129	0.083	0.072	33	13.5	1.0	0.1	15.7	1.2	2.56	0.07	PL	T	...	...	...	fsrq	PKS 0646–306
J0648.8+1516	102.205	15.276	198.988	6.335	0.030	0.028	–77	19.2	1.5	0.1	17.5	1.7	1.83	0.07	PL	...	...	1FHL J0648.9+1516 2FGL J0648.9+1516	P	bll	RX J0648.7+1516

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0648.8–1740	102.209	–17.668	228.486	–8.512	0.192	0.126	47	5.8	0.6	0.1	9.5	1.7	2.52	0.12	PL	T	...	1FGL J0648.8+1516 2FGL J0648.7–1739	...	fsrq	TXS 0646–176	
J0649.6–3138	102.400	–31.635	241.507	–14.196	0.038	0.036	19	9.7	0.5	0.1	7.1	1.3	1.73	0.13	PL	...	...	1FGL J0648.7–1740 1FHL J0649.5–3138	...	bcu	1RXS J064933.8–313914
J0650.4–1636	102.606	–16.608	227.691	–7.707	0.096	0.092	21	7.2	0.8	0.1	11.6	1.7	2.43	0.10	PL	...	...	2FGL J0649.7–3138 2FGL J0650.4–1632	...	bcu	PKS 0648–16
J0650.5+2055	102.644	20.930	194.047	9.194	0.043	0.037	78	10.0	0.4	0.1	6.8	1.4	1.56	0.14	PL	...	...	1FGL J0650.6–1635 1FHL J0650.4+2056	...	bcu	1RXS J065033.9+205603
J0650.7+2503	102.697	25.063	190.272	11.004	0.022	0.021	17	29.5	2.2	0.1	28.7	2.3	1.72	0.05	PL	...	...	1FHL J0650.8+2504 2FGL J0650.7+2505 1FGL J0650.7+2503	P	bll	1ES 0647+250
J0650.9+6524	102.748	65.415	150.128	24.452	0.184	0.114	56	6.8	0.3	0.1	4.3	0.7	2.54	0.13	PL	...	1
J0651.3+4014	102.829	40.246	175.932	17.112	0.077	0.061	–10	6.8	0.4	0.1	4.6	0.8	2.12	0.14	PL	...	...	...	...	bcu	RX J0651.0+4013
J0652.0–4808	103.015	–48.134	257.770	–19.753	0.067	0.061	–42	5.6	0.3	0.1	3.4	0.8	2.04	0.25	PL	...	...	...	...	bcu	1RXS J065201.0–480858
J0653.6+2817	103.414	28.290	187.542	12.926	0.059	0.057	6	10.3	0.6	0.1	7.3	0.9	2.25	0.10	PL	...	...	2FGL J0653.7+2818	...	bcu	GB6 J0653+2816
J0654.4+4514	103.604	45.247	171.204	19.388	0.027	0.027	11	39.4	2.9	0.1	34.6	1.3	2.29	0.03	PL	T	...	1FHL J0654.2+4514 2FGL J0654.2+4514 1FGL J0654.3+4514 0FGL J0654.3+4513	...	FSRQ	B3 0650+453	
J0654.4+5042	103.609	50.702	165.688	21.115	0.033	0.031	28	26.3	2.0	0.1	15.9	1.2	2.10	...	LP	T	...	1FHL J0654.5+5042 2FGL J0654.5+5043 1FGL J0654.4+5042 0FGL J0654.3+5042	...	fsrq	GB6 J0654+5042	
J0654.5+0926	103.638	9.447	204.856	4.978	0.291	0.184	34	4.9	0.4	0.1	6.5	1.3	2.67	0.16	PL	...	...	...	...	bcu	RX J0654.3+0925
J0656.2–0323	104.054	–3.390	216.493	–0.484	0.054	0.051	62	17.4	2.9	0.2	27.8	2.2	2.40	...	LP	T	...	2FGL J0656.2–0320 1FGL J0656.2–0321	...	fsrq	TXS 0653–033	
J0656.4+4232	104.101	42.542	174.028	18.815	0.099	0.068	–21	9.4	0.7	0.1	7.3	1.0	2.08	0.11	PL	...	...	...	...	bll	4C +42.22
J0657.6–4701	104.424	–47.026	257.003	–18.485	0.161	0.127	73	4.3	0.3	0.1	3.5	0.9	2.01	0.19	PL	...	...	...	...	...	...
J0658.3–5832	104.586	–58.547	268.695	–22.024	0.191	0.158	–7	4.1	0.3	0.1	3.5	0.8	2.40	0.17	PL	...	...	...	...	bcu	PMN J0658–5840
J0658.6+0636	104.651	6.604	207.856	4.594	0.072	0.065	–29	6.1	0.5	0.1	7.3	1.3	2.48	0.13	PL	...	1	2FGL J0658.4+0633	...	bcu	NVSS J065844+063711	
J0658.8+2318	104.720	23.315	192.681	11.947	0.102	0.094	–51	4.4	0.3	0.1	3.5	0.9	2.29	0.18	PL	...	...	1FGL J0658.5+0641	...	...	...
J0659.2–0439c	104.802	–4.653	217.958	–0.396	0.100	0.084	–1	5.6	0.9	0.2	11.6	2.2	2.40	0.11	PL	...	1,6	...	...	...	...
J0659.5+1414	104.899	14.247	201.079	8.217	0.086	0.079	–45	23.4	0.6	0.1	28.4	1.3	2.84	...	EC	...	...	2FGL J0659.7+1417 1FGL J0659.8+1414	...	PSR	PSR J0659+1414

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0700.0+1709	105.023	17.156	198.480	9.591	0.135	0.100	37	9.8	0.5	0.1	10.2	1.2	2.69	0.09	PL	...	3	2FGL J0700.3+1710	...	bcu	TXS 0657+172	
J0700.2+1304	105.073	13.078	202.214	7.855	0.073	0.058	-82	6.1	0.3	0.1	4.1	1.0	1.80	0.18	PL	...	...	1FGL J0659.9+1303	...	bcu	GB6 J0700+1304
J0700.3-6310	105.083	-63.181	273.598	-23.039	0.080	0.072	79	5.7	0.3	0.1	3.3	0.8	1.99	0.18	PL	...	...	3EG J0702-6212	...	bcu	SUMSS J065958-631238
J0700.6+3557	105.162	35.966	180.803	17.262	0.134	0.112	-87	4.7	0.3	0.1	3.8	0.8	2.40	0.15	PL	...	...	...	...	...	...
J0700.6-6610	105.158	-66.173	276.765	-23.747	0.023	0.022	-65	37.0	3.1	0.1	34.5	1.6	2.07	0.03	PL	T	...	1FHL J0700.6-6612 2FGL J0700.3-6611 1FGL J0700.4-6611 0FGL J0700.0-6611	...	bll	PKS 0700-661	
J0701.4-4634	105.350	-46.574	256.793	-17.732	0.052	0.050	76	21.2	1.7	0.1	19.1	1.3	2.43	...	LP	T	...	1FGL J0702.0-4628 2FGL J0701.7-4630	...	fsrq	PKS 0700-465	
J0702.7-1952	105.680	-19.871	231.942	-6.535	0.057	0.050	50	8.6	0.9	0.1	9.5	1.4	2.06	0.10	PL	...	...	2FGL J0702.7-1951 1FGL J0702.2-1954	...	bll	TXS 0700-197
J0703.4-3914	105.861	-39.238	249.866	-14.615	0.075	0.067	-55	8.8	0.6	0.1	7.6	1.0	2.29	0.09	PL	...	...	2FGL J0703.1-3912	...	bcu	1RXS J070312.7-391417
J0704.1-1043	106.035	-10.722	223.915	-2.086	0.210	0.111	-10	9.0	1.5	0.2	17.4	2.4	2.47	...	LP	...	3	2FGL J0705.3-1043c	...	...	...
J0704.3-4828	106.075	-48.475	258.842	-17.956	0.067	0.059	29	4.6	0.3	0.1	2.9	0.9	1.97	0.24	PL	...	...	...	...	...	...
J0705.7-0006	106.438	-0.113	214.666	3.133	0.116	0.099	-78	4.1	0.5	0.1	5.4	1.3	2.27	0.14	PL	...	...	...	...	...	...
J0706.1-4849	106.537	-48.826	259.302	-17.797	0.114	0.086	47	7.8	0.7	0.1	9.0	1.2	2.41	0.09	PL	...	...	2FGL J0706.7-4845 1FGL J0706.3-4849	...	bcu	PMN J0705-4847
J0706.5+3744	106.629	37.749	179.487	18.991	0.027	0.025	-81	18.8	1.1	0.1	13.2	1.3	1.89	0.06	PL	...	...	1FHL J0706.5+3744 2FGL J0706.5+3744 1FGL J0706.5+3744	...	bll	GB6 J0706+3744
J0707.0+7741	106.755	77.698	136.770	27.284	0.030	0.029	-86	25.3	1.4	0.1	15.3	1.0	2.05	0.05	PL	T	...	2FGL J0706.5+7741	...	bll	NVSS J070651+774137	
J0707.2+6101	106.812	61.029	155.265	25.382	0.389	0.245	39	6.3	0.2	0.1	4.7	0.7	2.81	0.15	PL	...	...	1FGL J0707.3+7742	...	bll	TXS 0702+612
J0707.5-3111	106.887	-31.197	242.718	-10.528	0.461	0.139	66	5.5	0.3	0.1	6.2	1.1	2.71	0.15	PL	...	1,4,9	...	...	...	...
J0707.7-1035c	106.927	-10.592	224.203	-1.246	0.167	0.113	84	4.1	0.8	0.2	11.6	2.9	2.49	0.13	PL	...	6	...	...	...	...
J0708.7+1747	107.196	17.794	198.795	11.738	0.066	0.054	78	5.4	0.3	0.1	3.4	0.9	1.84	0.24	PL	...	...	...	...	...	...
J0708.9+2239	107.237	22.666	194.264	13.792	0.086	0.083	31	7.2	0.5	0.1	5.4	0.9	2.08	0.12	PL	...	...	2FGL J0709.0+2236	...	bcu	GB6 J0708+2241
J0709.7-0256	107.446	-2.939	217.644	2.734	0.039	0.038	17	21.1	2.3	0.2	28.2	1.7	2.32	0.05	PL	T	3	2FGL J0709.3-0256	...	bll	PMN J0709-0255	
J0710.3+5908	107.585	59.148	157.390	25.408	0.034	0.030	-29	15.3	0.6	0.1	8.9	1.2	1.66	0.09	PL	1FHL J0710.5+5908 2FGL J0710.5+5908 1FGL J0710.6+5911	...	P	bll	1H 0658+595
J0710.5+4732	107.625	47.533	169.772	22.724	0.163	0.124	75	11.2	0.5	0.1	9.1	0.9	2.65	0.08	PL	T	...	2FGL J0710.8+4733 1FGL J0711.4+4731	...	bll	S4 0707+47	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0711.1–1037	107.794	–10.621	224.621	–0.504	0.189	0.159	61	8.0	1.3	0.2	14.5	2.3	2.51	...	LP	...	1,3	...	...	...	...
J0712.2–3806	108.052	–38.110	249.523	–12.594	0.183	0.139	–35	5.0	0.4	0.1	5.9	1.2	2.40	0.13	PL	...	1	...	...	...	...
J0712.2–6436	108.070	–64.616	275.482	–22.167	0.140	0.118	21	5.4	0.3	0.1	4.5	0.9	2.38	0.14	PL	...	...	...	...	bcu	MRC 0712–643
J0712.6+5033	108.172	50.556	166.697	23.859	0.036	0.035	–39	21.2	1.4	0.1	15.2	1.1	2.14	0.05	PL	T	...	1FHL J0712.8+5034 2FGL J0712.9+5032 1FGL J0712.7+5033 0FGL J0712.9+5034	...	bll	GB6 J0712+5033
J0713.9+1933	108.496	19.559	197.677	13.593	0.042	0.036	–35	33.6	2.9	0.2	28.7	1.5	2.28	...	LP	T	7	2FGL J0714.0+1933 1FGL J0714.0+1935 0FGL J0714.2+1934	...	fsrq	MG2 J071354+1934
J0714.7–3924	108.677	–39.409	250.940	–12.696	0.150	0.109	41	4.6	0.4	0.1	5.6	1.3	2.38	0.14	PL	...	...	...	...	...	...
J0716.0–4525	109.011	–45.422	256.691	–14.943	0.077	0.071	–27	4.2	0.3	0.1	3.1	0.9	2.26	0.18	PL	...	...	...	...	...	...
J0718.7–4319	109.690	–43.330	254.925	–13.644	0.023	0.022	–30	28.7	2.4	0.1	28.0	2.0	1.87	0.04	PL	...	...	1FHL J0718.7–4321 2FGL J0718.7–4320 1FGL J0718.7–4320	...	bll	PMN J0718–4319
J0718.9–5004	109.738	–50.079	261.333	–16.338	0.221	0.196	60	4.9	0.4	0.1	5.1	1.0	2.39	0.14	PL	...	...	2FGL J0719.2–5000 1FGL J0718.8–4958	...	...	...
J0719.3+3307	109.829	33.125	185.039	19.854	0.019	0.019	6	66.6	6.3	0.2	57.3	2.0	2.14	...	LP	T	...	1FHL J0719.2+3308 2FGL J0719.3+3306 1FGL J0719.3+3306 0FGL J0719.4+3302	...	fsrq	B2 0716+33
J0720.0–4010	110.017	–40.181	252.104	–12.092	0.076	0.074	55	6.0	0.5	0.1	5.8	1.1	2.23	0.13	PL	...	...	...	...	bcu	1RXS J071939.2–401153
J0721.4+0404	110.364	4.074	212.711	8.531	0.086	0.078	–52	10.6	0.7	0.1	11.2	1.2	2.53	0.08	PL	T	...	2FGL J0721.5+0404c 1FGL J0721.4+0401	...	fsrq	PMN J0721+0406
J0721.5–0221	110.375	–2.362	218.483	5.597	0.181	0.095	–85	4.1	0.3	0.1	3.7	1.0	2.00	0.20	PL	...	9	2FGL J0721.2–0223	...	...	...
J0721.9+7120	110.490	71.345	143.980	28.023	0.009	0.009	–1	196.6	22.0	0.3	212.1	3.6	2.04	...	LP	T	...	1FHL J0721.8+7120 2FGL J0721.9+7120 1FGL J0721.9+7120 0FGL J0722.0+7120 3EG J0721+7120 EGR J0723+7134 1AGL J0722+7125	P	BLL	S5 0716+71
J0722.2–2648	110.551	–26.804	240.195	–5.699	0.180	0.125	32	5.5	0.5	0.1	7.5	1.4	2.45	0.13	PL	...	1,4	...	...	...	...
J0723.2–0728	110.805	–7.470	223.218	3.595	0.109	0.074	46	4.2	0.3	0.1	3.6	1.1	1.80	0.23	PL	...	...	...	...	bcu	1RXS J072259.5–073131
J0723.7+2050	110.929	20.846	197.416	16.202	0.097	0.083	66	5.7	0.4	0.1	4.6	0.9	2.40	0.16	PL	...	...	...	...	bcu	GB6 J0723+2051

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0724.1+2857	111.032	28.959	189.565	19.358	0.149	0.124	-80	9.0	0.4	0.1	7.3	0.9	2.59	0.11	PL	T	...	2FGL J0723.9+2901 1FGL J0723.6+2908	...	fsrq	GB6 J0723+2859	
J0725.2+1425	111.323	14.431	203.636	13.916	0.019	0.019	-8	69.9	7.2	0.2	72.2	2.1	2.23	...	LP	T	...	1FGL J0725.3+1431 1FHL J0725.2+1423 2FGL J0725.3+1426	...	FSRQ	4C +14.23	
J0725.4-5007	111.371	-50.120	261.806	-15.394	0.071	0.063	-16	4.2	0.2	0.1	2.4	0.8	1.94	0.28	PL
J0725.7-0550	111.441	-5.842	222.073	4.916	0.056	0.053	-18	6.0	0.4	0.1	4.4	1.1	1.85	0.17	PL	2FGL J0725.8-0549
J0725.8+0212	111.468	2.207	214.899	8.666	0.083	0.064	14	9.2	0.8	0.1	8.5	1.2	2.18	0.10	PL
J0725.8-0054	111.468	-0.909	217.695	7.237	0.046	0.041	-70	14.2	1.1	0.1	12.6	1.2	2.19	0.08	PL	...	...	2FGL J0726.0-0053 1FGL J0725.9-0053	...	bcu	PKS 0723-008
J0725.8-3532	111.459	-35.537	248.379	-9.017	0.077	0.068	-5	4.7	0.4	0.1	5.0	1.2	2.36	0.18	PL
J0726.6-4727	111.664	-47.465	259.391	-14.117	0.097	0.080	-12	14.6	1.2	0.1	17.4	1.4	2.46	0.06	PL	T	...	2FGL J0727.0-4726 3EG J0724-4713 EGR J0726-4715	...	fsrq	PMN J0726-4728	
J0728.0+4828	112.019	48.472	169.570	25.804	0.137	0.101	-86	4.3	0.2	0.1	3.0	0.8	2.37	0.19	PL	...	...	...	...	bcu	GB6 J0727+4827
J0729.5-3127	112.394	-31.458	245.090	-6.443	0.162	0.152	39	4.8	0.4	0.1	6.9	1.4	2.65	0.15	PL	...	...	...	...	bcu	NVSS J0729.5-3127 J0729.22-313128
J0729.7-1448	112.431	-14.801	230.436	1.524	0.193	0.108	-42	4.5	0.6	0.1	8.0	1.7	2.42	0.13	PL	...	...	...	...	PSR	PSR J0729-1448
J0730.2-1141	112.574	-11.684	227.763	3.137	0.014	0.013	-79	111.9	17.6	0.4	190.2	3.3	2.28	...	LP	T	...	1FHL J0730.3-1140 2FGL J0730.2-1141 1FGL J0730.3-1141 0FGL J0730.4-1142	...	fsrq	PKS 0727-11	
J0730.3+6720	112.585	67.344	148.554	28.601	0.157	0.149	-4	5.2	0.2	0.1	3.6	0.7	2.62	0.15	PL	...	1	...	...	fsrq	GB6 J0731+6718
J0730.5+3307	112.627	33.127	185.874	22.064	0.047	0.045	8	8.5	0.5	0.1	5.2	0.8	2.12	0.12	PL	...	...	1FHL J0730.2+3307 2FGL J0729.9+3304	...	bl	1RXS J073026.0+330727
J0730.5-0537	112.632	-5.620	222.436	6.066	0.052	0.049	5	8.0	0.6	0.1	6.5	1.1	2.10	0.12	PL	...	...	...	...	bcu	TXS 0728-054
J0730.5-6606	112.646	-66.106	277.651	-20.832	0.071	0.052	45	8.6	0.5	0.1	6.1	1.1	1.79	0.13	PL	...	...	2FGL J0730.6-6607	...	bcu	PMN J0730-6602
J0731.7-1914c	112.944	-19.237	234.563	-0.177	0.492	0.353	37	6.0	0.9	0.2	12.9	2.0	2.52	0.10	PL	...	1,6,9	1FGL J0731.2-1910c
J0731.8-3010	112.974	-30.177	244.191	-5.399	0.051	0.048	58	4.6	0.2	0.1	3.1	1.1	1.67	0.25	PL
J0732.2-4638	113.067	-46.640	259.048	-12.899	0.130	0.127	19	10.8	0.8	0.1	9.3	1.2	2.56	...	LP	T	...	...	...	bcu	PKS 0731-465
J0733.3+5904	113.328	59.067	157.973	28.311	0.142	0.109	-5	7.5	0.2	0.1	5.2	0.7	2.78	0.13	PL	T
J0733.5+5153	113.397	51.891	166.013	27.338	0.111	0.062	62	6.3	0.3	0.1	3.3	0.8	1.74	0.17	PL	...	...	...	...	bcu	NVSS J073326+515355
J0733.8+4108	113.472	41.143	177.724	25.052	0.082	0.073	-1	6.8	0.4	0.1	4.3	0.8	2.22	0.15	PL	...	...	...	...	bl	GB6 J0733+4111
J0733.8+5021	113.450	50.359	167.716	27.097	0.071	0.065	-77	9.0	0.4	0.1	6.4	0.8	2.50	0.11	PL	T	...	2FGL J0733.9+5023	...	fsrq	TXS 0730+504	
J0734.3-7709	113.577	-77.161	289.097	-24.067	0.053	0.050	-16	17.2	1.4	0.1	16.8	1.2	2.29	0.05	PL	T	...	1FHL J0735.0-7708 2FGL J0734.2-7706	...	bcu	PKS 0736-770	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0734.7–1558	113.680	–15.981	232.051	2.011	0.034	0.033	34	32.0	5.4	0.3	42.3	1.9	2.27	...	EC	...	...	1FGL J0734.1–7715 2FGL J0734.6–1558	...	PSR	LAT PSR J0734–1559
J0737.2–3233	114.314	–32.559	246.842	–5.533	0.104	0.081	–40	12.9	1.6	0.2	13.8	1.5	2.42	...	LP	...	...	1FGL J0734.7–1557 2FGL J0737.1–3235	...	...	...
J0737.8–8245	114.462	–82.761	295.075	–25.455	0.055	0.047	86	7.5	0.4	0.1	4.8	1.0	1.92	0.15	PL	...	...	1FGL J0737.4–3239 2FGL J0737.5–8246	...	...	...
J0738.1+1741	114.536	17.698	201.856	18.073	0.017	0.017	17	55.3	5.5	0.2	61.2	2.4	2.01	0.02	PL	T	...	1FHL J0738.0+1742 2FGL J0738.0+1742 1FGL J0738.2+1741 0FGL J0738.2+1738 3EG J0737+1721 EGR J0737+1720	...	bl	PKS 0735+17	
J0739.4+0137	114.851	1.627	216.994	11.408	0.043	0.040	–9	39.0	2.7	0.2	36.6	1.4	2.48	...	LP	T	...	2FGL J0739.2+0138 1FGL J0739.1+0138	...	fsrq	PKS 0736+01	
J0739.8+1312	114.974	13.211	206.327	16.622	0.532	0.400	58	4.2	0.2	0.1	4.3	0.9	2.73	0.15	PL	...	9
J0740.6–5230	115.162	–52.504	265.079	–14.262	0.089	0.073	–17	6.5	0.5	0.1	6.0	1.1	2.23	0.13	PL
J0740.8+6621	115.220	66.361	149.709	29.611	0.097	0.087	–4	8.3	0.4	0.1	4.8	0.7	2.27	0.11	PL	...	...	...	...	PSR	PSR J0742+6620
J0742.4–8133c	115.621	–81.559	293.845	–24.973	0.066	0.054	89	4.5	0.1	0.1	2.4	0.9	1.46	0.34	PL	...	6	...	...	bcu	SUMSS J074220–813139
J0742.6+5444	115.660	54.734	163.045	29.088	0.022	0.022	–53	61.6	4.7	0.2	47.4	1.5	2.25	...	LP	T	...	1FHL J0743.0+5446 2FGL J0742.6+5442 1FGL J0742.2+5443 3EG J0743+5447 EGR J0743+5438	...	fsrq	GB6 J0742+5444	
J0742.6–5623	115.673	–56.390	268.832	–15.694	0.383	0.284	7	6.1	0.3	0.1	6.3	1.0	2.68	0.13	PL	...	9	...	...	fsrq	PMN J0743–5619
J0742.7–2824	115.680	–28.405	243.786	–2.476	0.085	0.067	59	12.3	1.8	0.2	15.7	1.6	2.39	...	EC	...	...	2FGL J0742.4–2821 1FGL J0742.8–2822	...	PSR	PSR J0742–2822
J0742.7–3110	115.694	–31.174	246.202	–3.835	0.134	0.116	–45	5.5	0.7	0.1	8.6	1.7	2.34	0.13	PL	...	4	2FGL J0742.7–3113 1FGL J0743.0–3110	...	...	...
J0744.1–2523	116.045	–25.399	241.339	–0.699	0.055	0.050	–30	18.1	2.7	0.2	23.9	1.8	2.34	...	LP	...	4	2FGL J0744.1–2523 1FGL J0744.1–2523	...	...	...
J0744.1–3804	116.038	–38.074	252.381	–6.976	0.332	0.218	9	4.3	0.4	0.1	7.0	1.5	2.68	0.16	PL	...	...	...	...	bcu	PMN J0743–3804
J0744.3+1715	116.082	17.256	202.904	19.249	0.198	0.118	22	4.9	0.4	0.1	4.2	0.9	2.26	0.14	PL	...	9	...	...	...	...
J0744.3+7434	116.099	74.577	140.252	29.589	0.053	0.050	40	11.9	0.6	0.1	6.3	0.8	1.97	0.11	PL	...	...	1FHL J0745.2+7439 2FGL J0745.0+7436 1FGL J0745.2+7438	...	bl	MS 0737.9+7441

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0744.8–4028	116.218	–40.468	254.558	–8.019	0.082	0.074	0	7.5	0.8	0.1	9.4	1.4	2.34	0.11	PL	...	3	...	...	bcu	PMN J0744–4032
J0746.4+2540	116.610	25.675	194.727	22.844	0.174	0.143	9	10.7	0.3	0.1	10.3	1.0	2.96	0.10	PL	T	...	2FGL J0746.6+2549	...	fsrq	B2 0743+25
J0746.4–0225	116.618	–2.422	221.486	11.082	0.075	0.060	89	9.6	0.6	0.1	7.2	1.1	2.00	0.10	PL	...	...	1FHL J0746.3–0225	...	...	...
J0746.6–0706	116.660	–7.115	225.689	8.870	0.104	0.093	–77	4.9	0.5	0.1	5.1	1.2	2.19	0.15	PL	...	5	2FGL J0746.5–0713	...	bcu	PMN J0746–0709
J0746.6–4756	116.663	–47.937	261.365	–11.318	0.040	0.038	–56	14.6	1.2	0.1	14.3	1.3	2.25	0.08	PL	...	...	1FHL J0746.3–4757	...	bcu	PMN J0746–4755
J0746.9+8511	116.725	85.198	128.223	28.180	0.054	0.043	61	9.7	0.4	0.1	4.7	0.8	1.79	0.13	PL	...	...	1FHL J0745.2+8511	...	bcu	NVSS J074715+851208
J0747.2–3311	116.814	–33.186	248.424	–4.012	0.035	0.031	–57	19.5	2.9	0.2	35.3	2.2	2.31	0.04	PL	T	...	2FGL J0745.9+8512	...	bcu	PKS 0745–330
J0747.4+0904	116.867	9.068	211.063	16.535	0.067	0.064	51	5.9	0.3	0.1	3.5	0.8	2.07	0.15	PL	...	...	...	...	bll	RX J0747.3+0905
J0747.4–0734	116.863	–7.580	226.199	8.820	0.089	0.069	58	5.5	0.5	0.1	5.2	1.2	2.11	0.15	PL	...	...	...	...	...	...
J0747.5–4927	116.890	–49.458	262.806	–11.904	0.092	0.073	–58	6.2	0.5	0.1	5.9	1.2	2.27	0.17	PL	...	...	...	...	...	...
J0748.0–1639	117.004	–16.661	234.218	4.452	0.136	0.115	–47	8.0	0.7	0.1	11.5	1.4	2.60	0.09	PL	...	1	2FGL J0747.2–1654	...	bcu	TXS 0745–165
J0748.3+2401	117.093	24.024	196.571	22.676	0.071	0.059	–57	9.4	0.6	0.1	6.5	0.9	2.16	0.11	PL	T	...	...	...	fsrq	S3 0745+24
J0748.5+7910	117.136	79.177	134.975	29.281	0.178	0.147	–49	4.7	0.2	0.1	2.8	0.6	2.34	0.14	PL	...	...	2FGL J0745.5+7910	...	bcu	JVAS J0750+7909
J0748.7–5116	117.178	–51.279	264.540	–12.596	0.110	0.093	–58	5.1	0.4	0.1	6.3	1.3	2.62	0.14	PL	...	1	...	...	...	...
J0748.8+4929	117.220	49.489	169.146	29.345	0.167	0.158	56	5.7	0.3	0.1	4.2	0.8	2.34	0.14	PL	...	4	...	...	bcu	NVSS J074837+493040
J0748.8–2208	117.202	–22.135	239.049	1.858	0.122	0.087	48	5.9	0.7	0.1	8.6	1.6	2.37	0.12	PL	...	...	2FGL J0748.5–2204	...	...	...
J0749.0+4459	117.265	44.987	174.226	28.618	0.121	0.092	–58	8.5	0.4	0.1	5.8	0.8	2.37	0.11	PL	T	...	2FGL J0747.7+4501	...	...	...
J0749.4+1059	117.358	10.983	209.470	17.795	0.141	0.115	38	6.0	0.4	0.1	4.7	0.9	2.20	0.14	PL	...	...	...	...	bcu	TXS 0746+110
J0749.5+1320	117.398	13.340	207.235	18.820	0.133	0.110	–44	6.4	0.5	0.1	5.4	1.0	2.25	0.13	PL	...	...	...	...	...	...
J0750.6+1232	117.674	12.539	208.123	18.731	0.077	0.060	58	13.3	0.9	0.1	12.5	1.2	2.41	0.07	PL	T	...	2FGL J0750.6+1230	...	fsrq	OI 280
J0751.2+1806	117.805	18.107	202.757	21.093	0.048	0.043	31	23.9	2.2	0.2	13.0	1.0	2.08	...	EC	...	...	2FGL J0751.1+1809	...	PSR	PSR J0751+1807
J0751.7–2944	117.938	–29.734	245.929	–1.439	0.084	0.081	17	5.5	0.6	0.1	8.8	1.7	2.45	0.12	PL	...	1,3	...	...	...	...
J0752.6–1629	118.152	–16.489	234.625	5.489	0.105	0.079	–39	6.5	0.5	0.1	6.2	1.1	2.20	0.13	PL	...	1	2FGL J0753.2–1634	...	...	...
J0753.1+5353	118.283	53.889	164.196	30.522	0.043	0.039	51	16.7	1.0	0.1	10.8	1.0	2.11	0.07	PL	...	...	1FHL J0753.0+5351	...	bll	4C +54.15
J0754.4–1148	118.620	–11.813	230.786	8.237	0.043	0.036	–1	18.4	1.6	0.1	18.0	1.4	2.11	0.06	PL	...	...	1FHL J0754.3–1149	...	bll	TXS 0752–116

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		2FGL J0754.4–1147			
																		1FGL J0754.4–1147			
J0754.8+4824	118.709	48.410	170.538	30.158	0.037	0.036	8	18.5	1.1	0.1	12.5	1.0	2.14	0.06	PL	...	...	2FGL J0754.8+4824	...	bll	GB1 0751+485
J0755.2–2633	118.802	–26.562	243.599	0.846	0.410	0.233	33	7.3	0.7	0.1	11.6	1.6	2.60	0.10	PL	...	3,9	...	...	...	...
J0756.3–6433	119.077	–64.563	277.270	–17.759	0.071	0.059	37	7.8	0.5	0.1	5.8	0.9	2.22	0.12	PL	...	...	2FGL J0756.3–6433	...	bcu	SUMSS J075625–643031
J0757.0+0956	119.274	9.948	211.306	19.056	0.036	0.034	59	24.5	1.9	0.1	21.1	1.3	2.18	0.05	PL	T	...	1FHL J0757.2+0955	...	bll	PKS 0754+100
																		2FGL J0757.1+0957			
																		1FGL J0757.2+0956			
J0757.5–0536	119.396	–5.606	225.696	11.980	0.338	0.208	23	6.2	0.3	0.1	6.5	1.0	2.69	0.12	PL	...	...	...	...	...	...
J0758.1+1130	119.545	11.504	209.932	19.958	0.135	0.117	–4	4.9	0.3	0.1	3.5	0.8	2.16	0.15	PL	...	...	...	...	fsrq	TXS 0755+117
J0758.6–1451	119.656	–14.866	233.960	7.562	0.078	0.071	85	12.1	1.1	0.1	7.3	1.1	2.25	...	LP	...	...	2FGL J0758.8–1448	...	...	...
																		1FGL J0758.6–1450			
J0758.7+3747	119.679	37.789	182.687	28.877	0.099	0.093	–46	4.6	0.3	0.1	2.8	0.7	2.16	0.16	PL	...	...	...	...	rdg	NGC 2484
J0758.9+2705	119.727	27.090	194.286	25.948	0.093	0.071	–85	8.3	0.5	0.1	5.2	0.8	2.13	0.12	PL	...	...	...	...	bll	SDSS J075846.99+270515.5
J0800.6–4806	120.174	–48.115	262.693	–9.359	0.316	0.275	77	5.6	0.4	0.1	7.3	1.3	2.69	0.15	PL	...	1,4	...	...	...	...
J0800.9+4401	120.244	44.017	175.757	30.536	0.137	0.097	–70	8.2	0.4	0.1	5.5	0.8	2.38	0.11	PL	...	...	2FGL J0801.5+4401	...	bll	B3 0757+441
																		1FGL J0800.5+4407			
J0802.0+1005	120.508	10.087	211.725	20.213	0.062	0.060	2	5.6	0.3	0.1	3.5	0.8	2.15	0.15	PL	...	...	...	...	bll	NVSS J080204+100639
J0802.3–0941	120.590	–9.696	229.917	10.974	0.065	0.058	89	8.7	0.6	0.1	7.4	1.1	2.28	0.11	PL	...	...	2FGL J0802.6–0940	...	...	...
J0802.3–5610	120.583	–56.169	269.931	–13.176	0.098	0.083	–31	12.3	0.9	0.1	13.0	1.2	2.47	0.07	PL	...	...	2FGL J0802.7–5615	...	...	...
																		1FGL J0802.4–5622			
J0803.3–0339	120.832	–3.663	224.672	14.178	0.066	0.049	–43	14.5	1.0	0.1	11.2	1.2	2.00	0.08	PL	...	...	1FHL J0803.4–0334	...	bcu	TXS 0800–034
																		2FGL J0803.2–0339			
																		1FGL J0803.1–0339			
J0804.0–3629	121.024	–36.497	253.050	–2.761	0.048	0.042	80	9.0	0.9	0.1	10.4	1.7	1.83	0.10	PL	...	3	...	...	bcu	NVSS J080405–362919
J0804.4+0418	121.106	4.300	217.498	18.184	0.227	0.202	14	4.7	0.3	0.1	4.1	0.8	2.57	0.17	PL	...	...	...	...	bcu	MG1 J080357+0420
J0805.0–0622	121.253	–6.375	227.314	13.207	0.066	0.055	16	7.9	0.5	0.1	6.2	1.2	1.90	0.14	PL	...	...	1FHL J0804.8–0626	...	bcu	1RXS J080458.3–062432
J0805.2–0112	121.324	–1.208	222.694	15.795	0.085	0.068	15	10.4	0.6	0.1	7.8	0.9	2.34	0.09	PL	T	...	2FGL J0805.2–0121	...	fsrq	PKS B0802–010
J0805.4+6144	121.358	61.745	155.039	32.367	0.119	0.095	–72	18.3	0.6	0.1	12.5	0.8	2.75	0.06	PL	T	...	2FGL J0805.5+6145	...	fsrq	TXS 0800+618
																		1FGL J0806.2+6148			
J0805.4+7534	121.352	75.581	138.888	30.791	0.024	0.023	37	26.6	1.4	0.1	16.0	1.2	1.92	0.05	PL	T	...	1FHL J0805.4+7534	...	bll	RX J0805.4+7534
																		2FGL J0805.3+7535			
																		1FGL J0804.7+7534			
J0806.6+5933	121.669	59.559	157.624	32.583	0.086	0.071	–9	6.6	0.3	0.1	3.5	0.7	1.88	0.15	PL	...	...	...	...	bll	SBS 0802+596
J0807.1+7744	121.786	77.738	136.409	30.457	0.163	0.089	79	7.7	0.3	0.1	4.3	0.6	2.44	0.12	PL	T	...	...	...	bcu	NVSS J080637+774607

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0807.1–0541	121.782	–5.695	226.977	14.002	0.039	0.035	–71	19.4	1.6	0.1	17.7	1.4	2.07	0.06	PL	T	...	1FHL J0807.1–0543 2FGL J0807.1–0543 1FGL J0807.0–0544	...	bll	PKS 0804–05	
J0807.9+4946	121.997	49.774	169.236	32.451	0.212	0.182	–64	6.1	0.3	0.1	4.4	0.7	2.57	0.14	PL	...	...	...	...	fsrq	OJ 508
J0808.2–0751	122.072	–7.852	229.045	13.170	0.016	0.016	63	73.8	9.7	0.3	85.2	2.6	2.09	...	LP	T	...	1FHL J0808.2–0749 2FGL J0808.2–0750 1FGL J0808.2–0750	...	fsrq	PKS 0805–07	
J0809.5+4045	122.396	40.757	179.823	31.543	0.181	0.133	–74	5.4	0.2	0.1	4.3	0.8	2.65	0.16	PL	...	...	...	...	fsrq	S4 0805+41
J0809.5+5342	122.396	53.709	164.586	32.936	0.097	0.078	–0	8.3	0.4	0.1	5.5	0.8	2.41	0.10	PL	T	...	...	...	fsrq	87GB 080551.6+535010
J0809.6+3456	122.409	34.942	186.461	30.350	0.048	0.043	38	8.0	0.3	0.1	4.5	1.0	1.67	0.13	PL	...	...	1FGL J0809.4+3455	...	bll	B2 0806+35
J0809.8+5218	122.454	52.308	166.255	32.910	0.016	0.015	36	56.2	4.6	0.2	53.6	2.3	1.88	0.02	PL	T	...	1FHL J0809.8+5217 2FGL J0809.8+5218 1FGL J0809.5+5219	P	bll	1ES 0806+524	
J0810.5–5214	122.630	–52.247	267.106	–10.149	0.135	0.106	–1	7.2	0.7	0.1	10.2	1.4	2.55	0.10	PL	...	1
J0811.2–7529	122.811	–75.492	288.279	–21.430	0.024	0.023	–7	30.8	2.5	0.1	28.4	1.8	1.95	0.04	PL	...	...	1FHL J0811.1–7525 2FGL J0811.1–7527 1FGL J0811.1–7527	...	bll	PMN J0811.1–7530
J0811.3+0146	122.848	1.781	220.700	18.557	0.030	0.028	38	28.7	2.5	0.1	27.7	1.5	2.16	0.04	PL	T	...	1FHL J0811.4+0149 2FGL J0811.4+0149 1FGL J0811.2+0148	...	bll	OJ 014	
J0812.0+0237	123.003	2.626	219.989	19.091	0.051	0.047	7	7.8	0.4	0.1	5.0	1.1	1.72	0.17	PL	...	...	...	...	bll	PMN J0811+0237
J0812.9+5555	123.242	55.933	161.938	33.461	0.086	0.070	–90	5.6	0.3	0.1	2.9	0.7	2.11	0.16	PL	...	...	...	...	bll	NVSS J081251+555422
J0813.3+6509	123.349	65.166	150.909	33.001	0.113	0.110	–43	4.4	0.3	0.1	2.9	0.8	2.20	0.23	PL	...	...	2FGL J0812.6+6511	...	bcu	GB6 J0812+6508
J0813.5–0356	123.387	–3.939	226.220	16.262	0.089	0.074	28	5.2	0.2	0.1	3.1	0.9	1.67	0.19	PL	...	...	...	...	...	...
J0814.1–1012	123.545	–10.209	231.889	13.214	0.045	0.043	–5	15.3	1.3	0.1	14.2	1.4	2.07	0.07	PL	T	...	2FGL J0814.0–1006 1FGL J0814.5–1011	...	bll	NVSS J081411–101208	
J0814.5+2943	123.650	29.721	192.611	30.027	0.096	0.070	53	5.8	0.3	0.1	3.2	0.7	1.94	0.16	PL	...	...	...	...	bll	EXO 0811.2+2949
J0814.7+6428	123.677	64.480	151.705	33.214	0.031	0.030	–35	26.7	1.8	0.1	21.6	1.1	2.30	0.04	PL	T	...	2FGL J0814.7+6429	...	bll	GB6 J0814+6431	
J0816.1–5044	124.028	–50.748	266.294	–8.613	0.187	0.133	9	7.7	0.8	0.1	12.3	1.6	2.49	0.09	PL	...	...	...	...	...	...
J0816.4–1311	124.116	–13.191	234.793	12.128	0.023	0.021	–59	26.5	2.0	0.1	25.6	2.1	1.78	0.05	PL	T	...	1FHL J0816.3–1310 2FGL J0816.4–1311 1FGL J0816.4–1311	...	bll	PMN J0816–1311	
J0816.5+2049	124.144	20.821	202.419	27.649	0.124	0.104	76	4.4	0.3	0.1	2.8	0.7	2.03	0.18	PL	...	...	2FGL J0816.9+2049	...	bll	SDSS J081649.78+205106.4
J0816.7+5739	124.183	57.660	159.851	33.944	0.045	0.042	–4	20.0	1.2	0.1	13.1	1.0	2.11	0.06	PL	T	3	2FGL J0816.5+5739 1FGL J0816.7+5739	...	bll	SBS 0812+578	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0816.7–2421	124.180	–24.357	244.336	6.127	0.075	0.072	–14	10.6	0.8	0.1	10.5	1.1	2.43	0.08	PL	T	...	2FGL J0816.7–2420	...	bcu	PMN J0816–2421	
J0817.8–0935	124.472	–9.588	231.831	14.317	0.040	0.037	81	17.5	1.4	0.1	15.8	1.4	2.04	0.06	PL	...	...	1FHL J0818.0–0935 2FGL J0818.2–0935 1FGL J0818.0–0938	...	bll	TXS 0815–094
J0818.0+3237	124.524	32.630	189.567	31.505	0.080	0.069	–13	6.6	0.4	0.1	4.1	0.8	2.18	0.12	PL	...	...	2FGL J0817.9+3238	...	...	...
J0818.2+4223	124.562	42.399	178.204	33.401	0.018	0.018	–85	67.4	6.3	0.2	58.6	2.2	2.11	...	LP	T	...	1FHL J0817.9+4224 2FGL J0818.2+4223 1FGL J0818.2+4222 0FGL J0818.3+4222	...	bll	S4 0814+42	
J0818.8+2751	124.714	27.855	194.987	30.395	0.188	0.148	–36	5.8	0.3	0.1	4.2	0.8	2.46	0.15	PL	...	...	2FGL J0819.3+2750	...	bll	5C 07.119
J0820.4+3640	125.124	36.682	185.024	32.876	0.115	0.082	–87	6.9	0.4	0.1	4.5	0.8	2.28	0.13	PL	...	...	...	...	bll	MG2 J082018+3640
J0820.9–1258	125.232	–12.976	235.200	13.163	0.099	0.086	–65	4.1	0.3	0.1	3.2	0.9	2.27	0.20	PL	...	...	...	...	bll	PKS 0818–128
J0822.6–4250e	125.660	–42.840	260.318	–3.276	...	...	...	31.7	8.3	0.3	92.3	3.8	2.05	0.03	PL	...	...	1FGL J0823.3–4248 1FHL J0822.6–4250e 2FGL J0823.0–4246	...	SNR	Puppis A
J0822.9+4041	125.738	40.695	180.382	34.032	0.100	0.078	63	7.9	0.4	0.1	6.3	0.9	2.49	0.13	PL	T	...	2FGL J0823.0+4041	...	fsrq	B3 0819+408	
J0823.3–4205c	125.848	–42.093	259.783	–2.736	0.066	0.058	63	4.7	0.7	0.2	8.1	2.5	2.06	0.19	PL	...	6
J0823.6–4838	125.913	–48.637	265.205	–6.426	0.125	0.103	–49	7.4	0.8	0.1	14.4	2.0	2.61	0.09	PL	T
J0824.1+2434	126.036	24.576	199.029	30.543	0.154	0.124	–16	7.4	0.4	0.1	6.2	1.0	2.52	0.12	PL	...	...	...	...	fsrq	B2 0821+24
J0824.9+3916	126.249	39.277	182.146	34.206	0.102	0.093	30	9.2	0.5	0.1	6.4	0.8	2.44	0.10	PL	T	...	2FGL J0824.7+3914	...	fsrq	4C +39.23	
J0824.9+5551	126.231	55.858	161.982	35.138	0.075	0.071	–40	15.2	0.7	0.1	11.1	0.8	2.61	0.07	PL	T	...	2FGL J0824.9+5552 1FGL J0825.0+5555 0FGL J0824.9+5551	...	fsrq	OJ 535	
J0825.4–0213	126.356	–2.231	226.213	19.683	0.355	0.245	28	4.2	0.3	0.1	3.7	0.8	2.40	0.18	PL	...	...	...	...	bcu	PMN J0825–0204
J0825.8–3217	126.454	–32.286	252.035	3.302	0.071	0.062	–50	10.5	0.9	0.1	12.5	1.3	2.49	0.09	PL	T	3	2FGL J0825.9–3216 1FGL J0825.9–3216	...	bcu	PKS 0823–321	
J0825.9–2230	126.498	–22.505	243.984	8.926	0.018	0.018	–22	47.8	4.9	0.2	55.1	2.3	2.00	0.03	PL	T	...	1FHL J0826.0–2230 2FGL J0825.9–2229 1FGL J0825.8–2230 0FGL J0826.0–2228	...	bll	PKS 0823–223	
J0826.0+0307	126.519	3.125	221.280	22.426	0.086	0.075	–77	8.3	0.5	0.1	5.8	1.0	2.03	0.13	PL	...	...	1FHL J0825.9+0308 2FGL J0825.9+0308 1FGL J0825.9+0309	...	bll	PKS 0823+033
J0826.3–5056	126.589	–50.948	267.370	–7.381	0.083	0.071	–67	7.5	0.9	0.1	10.7	1.6	2.23	0.10	PL	...	...	...	...	...	...
J0826.3–6400	126.593	–64.011	278.437	–14.649	0.127	0.106	–27	5.9	0.4	0.1	5.3	1.0	2.34	0.13	PL	...	...	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0827.2–0711	126.809	−7.190	230.956	17.539	0.077	0.063	−70	8.3	0.5	0.1	5.5	0.9	2.07	0.13	PL	...	...	...	...	bcu	PMN J0827–0708
J0828.5+5217	127.140	52.295	166.336	35.774	0.135	0.097	81	4.2	0.2	0.1	2.3	0.6	2.13	0.19	PL	...	...	...	...	fsrq	TXS 0824+524
J0828.8–2420	127.208	−24.340	245.886	8.417	0.114	0.085	−34	5.5	0.4	0.1	4.1	0.9	2.00	0.16	PL	...	1	...	...	bcu	NVSS J082841–241850
J0829.3+0901	127.337	9.017	215.933	25.827	0.129	0.097	−12	4.2	0.2	0.1	2.6	0.8	1.95	0.22	PL	...	...	1FHL J0828.9+0902 1FGL J0828.9+0901	...	fsrq	TXS 0826+091
J0829.6–1137	127.404	−11.621	235.199	15.680	0.091	0.080	53	5.7	0.3	0.1	3.7	0.9	1.89	0.19	PL	...	...	...	...	bcu	NVSS J082939–114103
J0829.8–5239	127.468	−52.659	269.099	−7.916	0.108	0.099	−18	6.0	0.6	0.1	8.9	1.5	2.56	0.11	PL	...	1	...	...	...	...
J0830.3–5855	127.575	−58.918	274.346	−11.444	0.177	0.118	85	9.2	0.6	0.1	9.7	1.1	2.61	0.09	PL	T	...	...	...	bcu	PMN J0829–5856
J0830.5–4452	127.635	−44.869	262.800	−3.288	0.094	0.070	−78	4.7	1.1	0.4	12.3	4.2	1.95	0.20	PL	...	...	...	...	...	Vela X field ^a
J0830.7+2408	127.681	24.138	200.061	31.831	0.064	0.059	−4	21.3	1.1	0.1	19.0	1.1	2.63	0.05	PL	T	...	2FGL J0830.5+2407 1FGL J0830.5+2407 3EG J0829+2413 EGR J0829+2415	...	FSRQ	OJ 248
J0830.8+2629	127.704	26.491	197.414	32.553	0.203	0.188	−55	5.2	0.3	0.1	4.3	0.9	2.56	0.16	PL	...	...	...	...	...	...
J0831.9+0430	127.991	4.503	220.704	24.369	0.029	0.028	−24	42.3	3.4	0.2	32.5	1.5	2.24	...	LP	T	...	1FHL J0832.0+0429 2FGL J0831.9+0429 1FGL J0831.6+0429	...	bl	PKS 0829+046
J0832.6+4914	128.167	49.249	170.105	36.426	0.124	0.113	1	4.2	0.2	0.1	2.7	0.7	2.36	0.17	PL	...	...	...	...	bl	OJ 448
J0832.8–4321	128.215	−43.357	261.825	−2.060	0.061	0.053	86	6.1	1.3	0.3	15.7	3.3	2.26	0.10	PL	...	1	...	...	...	...
J0833.1–4511e	128.287	−45.190	263.333	−3.106	...	...	...	...	18.3	...	244.8	...	2.41	...	PL	...	5	1FHL J0833.1–4511e 2FGL J0833.1–4511e ...	E	PWN	Vela X
J0834.1+4223	128.528	42.397	178.623	36.310	0.081	0.066	−85	13.6	0.7	0.1	9.3	0.9	2.44	0.08	PL	...	...	2FGL J0834.3+4221 1FGL J0834.4+4221	...	fsrq	OJ 451
J0834.5–4825	128.634	−48.422	266.081	−4.835	0.143	0.118	57	4.7	0.7	0.1	9.2	2.4	2.44	0.14	PL	...	...	...	...	...	...
J0834.6+6101	128.674	61.022	155.517	35.920	0.140	0.115	−89	4.3	0.2	0.1	2.9	0.7	2.42	0.14	PL	...	...	...	...	...	...
J0834.7+4403	128.689	44.060	176.574	36.566	0.080	0.074	48	6.1	0.3	0.1	3.3	0.7	2.22	0.16	PL	...	...	2FGL J0834.3+4400	...	bl	B3 0831+442
J0835.3–4510	128.838	−45.178	263.555	−2.787	0.005	0.005	20	1049.0	1297.7	2.9	8931.1	17.3	1.95	...	EC	...	...	1FHL J0835.3–4510	P	PSR	PSR J0835–4510
J0835.4+0930	128.865	9.510	216.170	27.400	0.145	0.095	−0	5.0	0.3	0.1	3.6	0.8	2.29	0.18	PL	...	...	1FGL J0835.4+0936	...	bl	GB6 J0835+0936
J0836.3+2143	129.090	21.718	203.255	32.288	0.194	0.131	28	4.7	0.2	0.1	3.8	0.8	2.57	0.17	PL	...	...	...	...	bcu	MG2 J083615+2138
J0836.5–2020	129.141	−20.344	243.609	12.179	0.180	0.158	−25	7.9	0.4	0.1	7.8	1.0	2.73	0.11	PL	...	...	...	...	fsrq	PKS 0834–20
J0838.1–4615	129.546	−46.263	264.720	−3.045	0.290	0.147	70	8.7	3.5	0.4	32.7	6.7	2.58	...	LP	T	1	...	...	spp	...
J0838.8–2829	129.704	−28.489	250.605	7.801	0.056	0.053	64	13.7	1.1	0.1	12.7	1.2	2.23	0.07	PL	...	...	2FGL J0838.8–2828 1FGL J0838.6–2828	...	...	...
J0838.9–4056c	129.745	−40.938	260.573	0.301	0.198	0.144	73	4.5	0.9	0.2	16.7	3.3	2.66	0.12	PL	...	4,6	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0839.1–4739	129.777	–47.663	265.931	–3.767	0.136	0.104	3	4.4	0.8	0.2	13.0	3.6	2.59	0.14	PL	...	...	...	...	spp	...
J0839.5+0102	129.890	1.038	225.041	24.372	0.088	0.077	–10	8.9	0.5	0.1	6.4	0.9	2.24	0.10	PL	T	...	2FGL J0839.6+0059 1FGL J0839.5+0059	...	fsrq	PKS 0837+012
J0839.6+1803	129.923	18.059	207.625	31.758	0.071	0.069	–15	6.3	0.3	0.1	3.4	0.8	1.90	0.17	PL	...	...	2FGL J0839.4+1802	...	bll	TXS 0836+182
J0839.6+3538	129.912	35.639	187.124	36.488	0.083	0.062	–74	8.4	0.4	0.1	5.0	0.9	1.92	0.12	PL	...	1,3,12	2FGL J0839.7+3541	...	bll	FIRST J083943.3+354001
J0839.6–4133	129.920	–41.556	261.143	0.029	0.170	0.151	–6	8.9	1.2	0.2	22.3	2.8	2.62	...	LP	...	...	...	...	...	...
J0840.8+1315	130.210	13.253	212.925	30.168	0.123	0.113	31	9.2	0.5	0.1	7.4	0.9	2.47	0.09	PL	T	...	2FGL J0840.7+1310 1FGL J0840.8+1310	...	ssrq	3C 207
J0841.3–3554	130.335	–35.905	256.865	3.737	0.029	0.026	41	18.8	1.6	0.2	20.2	2.0	1.76	0.06	PL	T	...	1FHL J0841.2–3556 2FGL J0841.3–3556 1FGL J0841.4–3558	...	bcu	NVSS J084121–355506
J0841.4+7053	130.373	70.897	143.536	34.432	0.047	0.045	65	34.5	1.3	0.1	36.4	1.1	2.84	...	LP	T	...	2FGL J0841.6+7052 1FGL J0842.2+7054 3EG J0845+7049	...	FSRQ	S5 0836+71 47
J0842.0–6055	130.520	–60.928	276.889	–11.407	0.062	0.058	85	14.0	1.1	0.1	13.4	1.2	2.33	0.06	PL	T	...	...	...	bcu	PMN J0842–6053
J0843.1–4546	130.795	–45.774	264.863	–2.060	0.087	0.070	–17	6.0	1.4	0.3	18.5	5.5	2.38	0.15	PL	...	1	...	...	spp	...
J0843.4+6713	130.859	67.218	147.799	35.606	0.061	0.049	32	13.2	0.6	0.1	7.2	0.8	1.99	0.08	PL	...	...	2FGL J0843.6+6715 1FGL J0843.4+6718	...	...	...
J0843.9+5311	130.992	53.199	165.072	38.061	0.077	0.074	–71	8.7	0.4	0.1	4.6	0.7	2.24	0.12	PL	...	...	2FGL J0843.9+5312 1FGL J0844.0+5314	...	bll	NVSS J084411+531250
J0844.3–4741	131.082	–47.684	266.488	–3.086	0.162	0.093	–45	5.3	0.9	0.2	13.2	2.8	2.46	0.12	PL	...	...	...	...	...	...
J0845.1–5458	131.297	–54.974	272.333	–7.478	0.040	0.038	79	19.3	1.8	0.1	21.5	1.4	2.29	0.05	PL	...	...	2FGL J0844.8–5459 1FGL J0845.0–5459	...	bcu	PMN J0845–5458
J0846.7–0651	131.678	–6.858	233.390	21.807	0.302	0.264	25	6.0	0.3	0.1	5.1	0.9	2.60	0.15	PL	...	1	2FGL J0848.1–0703 ...	...	bll	TXS 0845–068
J0846.8–2638	131.716	–26.650	250.212	10.333	0.138	0.128	63	4.9	0.3	0.1	5.0	1.0	2.47	0.14	PL	...	...	...	...	...	...
J0846.9–2336	131.750	–23.604	247.762	12.206	0.042	0.040	85	15.6	1.2	0.1	13.4	1.3	2.03	0.07	PL	...	...	1FHL J0846.8–2338 2FGL J0847.0–2334 1FGL J0846.9–2334	...	bll	PMN J0847–2337
J0847.1+1134	131.788	11.568	215.444	30.877	0.050	0.045	88	10.5	0.5	0.1	6.6	1.2	1.74	0.11	PL	...	...	1FHL J0847.0+1132 2FGL J0847.2+1134 1FGL J0847.2+1134	P	bll	RX J0847.1+1133
J0847.2–6936	131.808	–69.613	284.434	–16.103	0.149	0.105	–69	5.7	0.3	0.1	5.0	0.9	2.53	0.14	PL	...	1,4	...	...	...	...
J0847.4–4327	131.863	–43.459	263.525	–0.023	0.183	0.109	64	12.2	2.6	0.3	28.9	3.4	2.56	...	LP	...	3	...	...	...	...
J0848.2–4524	132.071	–45.413	265.138	–1.136	0.119	0.095	–16	7.8	1.7	0.2	26.5	4.0	2.53	0.09	PL	...	3	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0848.5+7018	132.131	70.301	144.014	35.169	0.088	0.072	65	6.3	0.3	0.1	3.1	0.7	2.01	0.19	PL	...	...	3EG J0845+7049	...	...	...
J0849.1+6607	132.297	66.127	148.917	36.441	0.055	0.052	59	10.8	0.5	0.1	6.1	0.8	2.02	0.10	PL	...	...	2FGL J0849.2+6606 1FGL J0849.3+6607	...	bll	GB6 J0848+6605
J0849.3+0458	132.325	4.980	222.500	28.406	0.106	0.072	-49	8.4	0.5	0.1	6.0	1.0	1.97	0.12	PL	...	...	2FGL J0849.0+0455	...	bll	TXS 0846+051
J0849.5-2912	132.391	-29.203	252.627	9.232	0.074	0.055	-33	9.5	0.7	0.1	8.2	1.1	2.12	0.10	PL	...	...	1FGL J0849.4-2912	...	bcu	NVSS J084922-291149
J0849.9+5108	132.482	51.145	167.603	39.129	0.038	0.036	67	32.4	1.9	0.1	22.4	1.1	2.28	0.04	PL	T	...	...	...	NLSY1	SBS 0846+513
J0849.9-3540	132.482	-35.679	257.771	5.243	0.055	0.048	-37	10.9	1.1	0.1	14.0	1.5	2.37	0.07	PL	T	...	2FGL J0849.9-3540 1FGL J0849.6-3540	...	bcu	PMN J0849-3541	
J0850.0+4855	132.520	48.920	170.468	39.281	0.029	0.028	-35	34.5	2.2	0.1	25.1	1.2	2.18	0.04	PL	T	7	1FHL J0850.0+4849 2FGL J0849.8+4852 1FGL J0849.9+4852	...	bll	GB6 J0850+4855	
J0850.2+3500	132.566	35.001	188.356	38.523	0.090	0.082	-35	5.3	0.2	0.1	2.8	0.7	1.92	0.20	PL	...	...	1FGL J0850.2+3457	...	bll	RX J0850.5+3455
J0850.2-1214	132.557	-12.234	238.676	19.529	0.030	0.027	81	40.4	3.5	0.2	32.8	1.6	2.21	...	LP	T	...	1FHL J0850.2-1211 2FGL J0850.2-1212 1FGL J0850.0-1213 3EG J0852-1216 EGR J0852-1224	...	fsrq	PMN J0850-1213 48	
J0851.4-4244	132.865	-42.748	263.437	0.993	0.129	0.087	-47	9.9	1.6	0.3	27.0	3.4	2.61	...	LP	...	3,5
J0851.8+5531	132.956	55.525	161.956	38.942	0.166	0.097	44	7.1	0.3	0.1	4.2	0.7	2.34	0.13	PL	...	...	...	...	bll	SDSS J085135.93+552834.5
J0852.6-5756	133.171	-57.946	275.334	-8.516	0.050	0.049	16	15.0	1.3	0.1	16.7	1.3	2.40	0.06	PL	T	...	2FGL J0852.4-5756	...	bcu	PMN J0852-5755	
J0852.7-4631e	133.200	-46.520	266.491	-1.233	...	...	...	30.3	13.0	0.5	147.1	5.9	1.94	0.03	PL	T	10	1FGL J0854.0-4632 1FHL J0852.7-4631e 2FGL J0851.7-4635	E	SNR	Vela Jr
J0853.0-3654	133.273	-36.913	259.135	4.955	0.052	0.043	-17	9.8	0.9	0.1	10.4	1.4	2.06	0.09	PL	...	...	1FHL J0852.9-3656 2FGL J0853.1-3659	...	bcu	NVSS J085310-365820
J0854.2+4408	133.573	44.145	176.658	40.073	0.085	0.073	76	4.3	0.2	0.1	2.0	0.6	1.81	0.19	PL	...	...	...	...	bll	B3 0850+443
J0854.4-4404	133.620	-44.076	264.808	0.563	0.146	0.108	-28	6.2	1.3	0.2	22.5	3.9	2.60	0.10	PL	...	1,5
J0854.8+2006	133.700	20.112	206.807	35.819	0.020	0.019	51	56.5	5.9	0.2	58.0	2.2	2.18	...	LP	T	...	1FHL J0854.8+2004 2FGL J0854.8+2005 1FGL J0854.8+2006 0FGL J0855.4+2009 3EG J0853+1941 EGR J0853+2015	...	BLL	OJ 287	
J0854.8-4503	133.711	-45.062	265.603	-0.023	0.049	0.045	-53	18.2	4.5	0.3	30.7	3.0	2.28	...	LP	...	...	2FGL J0854.7-4501 1FGL J0854.6-4504	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J0855.2–0718	133.809	–7.308	235.055	23.327	0.205	0.174	–34	5.6	0.3	0.1	4.7	0.9	2.57	0.15	PL	...	...	2FGL J0855.1–0712	...	bcu	PKS 0852–07
J0855.4+7142	133.861	71.712	142.156	35.226	0.103	0.094	31	9.3	0.4	0.1	6.9	0.9	2.57	0.11	PL	T	...	2FGL J0856.0+7136	...	...	...
J0855.4–4818	133.855	–48.316	268.153	–2.049	0.099	0.087	27	10.9	1.9	0.3	25.2	3.2	2.52	...	LP	...	...	...	...	...	...
J0856.4+6429	134.110	64.485	150.637	37.618	0.154	0.129	78	4.7	0.2	0.1	3.2	0.7	2.55	0.17	PL	...	...	...	...	...	...
J0856.5+2057	134.150	20.958	205.989	36.495	0.075	0.068	–44	8.3	0.6	0.1	6.9	1.1	2.19	0.13	PL	...	...	2FGL J0856.3+2058	...	bll	TXS 0853+211
																		1FGL J0856.6+2103				
J0856.7–1105	134.180	–11.086	238.648	21.490	0.030	0.027	–26	30.8	2.5	0.1	28.1	1.7	2.05	0.04	PL	T	...	1FHL J0856.7–1106	...	bll	PMN J0856–1105	
																		2FGL J0856.6–1105				
																		1FGL J0856.6–1105				
J0857.6–4258	134.409	–42.982	264.345	1.707	0.189	0.139	19	10.6	2.2	0.3	23.5	3.1	2.52	...	LP	...	...	3EG J0859–4257	...	...	...
J0858.0–4834	134.519	–48.569	268.631	–1.878	0.104	0.081	29	4.4	1.0	0.2	14.4	3.7	2.45	0.12	PL	...	...	...	...	...	...
J0858.1–1951	134.541	–19.855	246.320	16.545	0.089	0.071	47	10.3	0.7	0.1	10.2	1.1	2.46	0.08	PL	T	...	2FGL J0858.1–1952	...	bcu	PKS 0855–19	
J0858.1–3130	134.546	–31.513	255.631	9.219	0.103	0.080	63	4.4	0.3	0.1	3.6	1.1	1.73	0.24	PL	...	...	2FGL J0858.2–3129	...	bcu	1RXS
																		...	...	...	J085802.6–313043
J0858.6–4357	134.657	–43.958	265.202	1.207	0.134	0.107	–50	14.1	3.2	0.3	30.0	3.3	2.50	...	LP	...	...	...	...	...	...
J0859.1+6219	134.791	62.321	153.178	38.496	0.151	0.107	88	6.0	0.3	0.1	3.7	0.7	2.43	0.13	PL	...	...	...	...	bll	1RXS
																		...	...	...	J085930.5+621737
J0859.3–4732	134.847	–47.549	268.003	–1.045	0.124	0.089	57	5.9	1.4	0.2	18.8	3.8	2.42	0.10	PL	...	5
J0900.0+6754	135.022	67.914	146.393	36.917	0.331	0.240	–63	4.4	0.2	0.1	2.9	0.7	2.24	0.16	PL	...	9	2FGL J0900.9+6736	...	...	...
J0901.0–6725	135.262	–67.426	283.439	–13.767	0.249	0.187	83	4.2	0.3	0.1	3.9	0.9	2.52	0.17	PL	...	...	...	...	...	...
J0901.6–4700	135.405	–47.001	267.840	–0.399	0.131	0.115	–24	9.6	2.5	0.3	20.4	3.7	2.44	...	LP	...	...	2FGL J0901.7–4655	...	...	...
J0902.4+2050	135.622	20.847	206.678	37.761	0.038	0.037	–55	18.3	1.2	0.1	13.7	1.2	2.10	0.07	PL	T	...	2FGL J0902.4+2050	...	bll	NVSS	
																		...	...	...	J090226+205045
																		1FGL J0902.4+2050				
J0903.0–4826	135.763	–48.450	269.084	–1.179	0.163	0.123	30	4.5	1.2	0.2	16.5	3.6	2.47	0.10	PL	...	5	2FGL J0904.0–4823c	...	...	...
J0903.1+4649	135.799	46.820	173.082	41.580	0.153	0.118	–71	7.7	0.3	0.1	5.0	0.7	2.61	0.13	PL	...	...	2FGL J0903.4+4651	...	fsrq	S4 0859+47
J0903.2–4744	135.814	–47.743	268.579	–0.684	0.094	0.083	–0	6.9	1.6	0.3	19.2	3.6	2.28	0.10	PL	...	5	2FGL J0902.8–4741c	...	...	...
J0904.3+4240	136.088	42.682	178.620	41.886	0.106	0.094	60	7.9	0.4	0.1	5.3	0.8	2.48	0.13	PL	...	...	2FGL J0903.6+4238	...	bcu	S4 0900+42
J0904.8–3516	136.224	–35.276	259.441	7.831	0.088	0.079	67	15.7	1.1	0.1	19.8	1.4	2.65	0.06	PL	T	...	2FGL J0904.8–3513	...	bcu	NVSS	
																		...	...	...	J090442–351423
																		1FGL J0904.7–3514				
																		3EG J0903–3531				
J0904.8–5734	136.218	–57.570	276.105	–7.033	0.030	0.030	–37	22.9	2.3	0.2	26.9	1.6	2.25	0.05	PL	T	...	2FGL J0904.9–5735	...	bcu	PKS 0903–57	
																		1FGL J0905.1–5736				
J0904.9+2739	136.227	27.661	198.452	40.184	0.194	0.154	–72	4.6	0.2	0.1	3.6	0.8	2.69	0.18	PL	...	...	...	...	fsrq	GB6 J0905+2748A
J0905.5+1358	136.390	13.970	215.026	35.956	0.036	0.036	–28	16.6	1.1	0.1	12.6	1.4	1.84	0.07	PL	...	...	1FHL J0905.6+1359	...	bll	MG1 J090534+1358
																		2FGL J0905.6+1357				
																		1FGL J0905.5+1356				
J0905.6–4917	136.420	–49.296	270.003	–1.422	0.215	0.156	5	10.0	2.2	0.3	22.3	2.5	2.49	...	LP	...	1,12	2FGL J0908.5–4913	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0905.8−2127	136.458	−21.461	248.799	16.949	0.220	0.149	−56	6.6	0.4	0.1	7.6	1.2	2.66	0.11	PL	...	...	...	...	...	...
J0906.0−4705	136.506	−47.098	268.412	0.096	0.085	0.080	−45	8.5	1.7	0.3	18.8	3.1	2.47	...	LP	...	...	...	...	...	...
J0906.3−0906	136.579	−9.101	238.375	24.565	0.047	0.046	−48	12.9	0.8	0.1	9.1	1.1	2.01	0.09	PL	...	...	2FGL J0906.2−0906 1FGL J0906.4−0903	...	bll	PMN J0906−0905
J0907.0−4802	136.754	−48.043	269.223	−0.416	0.133	0.091	26	7.9	2.2	0.3	15.9	2.8	2.42	...	LP	...	1,3,4,5,9	...	...	...	...
J0908.4−4916	137.110	−49.271	270.287	−1.072	0.062	0.058	51	7.4	1.7	0.3	24.2	3.6	2.45	0.08	PL	...	3,10	2FGL J0908.5−4913	...	PSR	PSR J0908−4913
J0909.0+2310	137.267	23.167	204.441	39.922	0.077	0.053	−61	10.1	0.6	0.1	7.6	1.3	1.72	0.12	PL	T	...	1FHL J0909.3+2312 2FGL J0909.2+2308 1FGL J0909.2+2310	...	bll	RX J0908.9+2311
J0909.1+0121	137.298	1.358	228.950	30.929	0.033	0.032	−16	34.1	3.8	0.2	44.1	2.3	2.41	...	LP	T	...	2FGL J0909.1+0121 1FGL J0909.0+0126	...	fsrq	PKS 0906+01
J0909.6+0157	137.417	1.962	228.418	31.343	0.073	0.070	68	9.6	0.9	0.1	14.1	2.0	2.54	0.10	PL	...	...	2FGL J0909.6+0158 0FGL J0909.7+0145	...	bll	PKS 0907+022
J0909.8−0229	137.458	−2.500	232.819	29.011	0.051	0.047	58	26.4	1.8	0.1	17.4	1.1	2.32	...	LP	T	...	2FGL J0909.7−0229 1FGL J0909.6−0229	...	fsrq	PKS 0907−023
J0910.5+3329	137.647	33.490	191.120	42.460	0.032	0.029	−89	17.4	1.2	0.1	13.8	1.4	1.98	0.08	PL	T	...	1FHL J0910.6+3333 2FGL J0910.6+3329 1FGL J0910.7+3332	...	bll	Ton 1015 ²⁰
J0910.7+3858	137.689	38.971	183.691	42.998	0.084	0.075	40	4.6	0.2	0.1	2.1	0.6	1.88	0.21	PL	...	...	...	...	bll	FBQS J091052.0+390202
J0910.9+2248	137.745	22.803	205.063	40.238	0.090	0.084	−14	8.8	0.7	0.1	8.4	1.0	2.35	0.09	PL	T	...	2FGL J0910.9+2246 1FGL J0911.0+2247	...	fsrq	TXS 0907+230
J0911.8+3351	137.969	33.855	190.677	42.774	0.083	0.071	46	5.6	0.4	0.1	4.1	1.0	2.10	0.21	PL	...	...	...	...	bll	MG2 J091151+3349
J0912.2+4126	138.057	41.441	180.315	43.341	0.184	0.102	−88	6.4	0.3	0.1	4.7	0.8	2.60	0.15	PL	T	9	2FGL J0912.1+4126 1FGL J0912.3+4127	...	fsrq	B3 0908+416B
J0912.2−6452	138.071	−64.883	282.225	−11.247	0.143	0.105	4	5.2	0.4	0.1	4.8	1.0	2.38	0.13	PL	...	1	...	...	glc	NGC 2808
J0912.4+2800	138.108	28.004	198.502	41.882	0.084	0.071	84	5.6	0.2	0.1	3.3	1.0	1.54	0.20	PL	...	...	1FHL J0912.5+2758 2FGL J0912.5+2758 1FGL J0912.6+2756	...	bll	1RXS J091211.9+275955
J0912.6−2757	138.167	−27.958	254.976	13.921	0.190	0.130	−59	6.1	0.3	0.1	6.5	1.0	2.70	0.16	PL	...	...	...	...	bcu	PMN J0912−2752
J0912.7+1556	138.196	15.934	213.609	38.327	0.087	0.071	39	5.4	0.2	0.1	3.4	1.1	1.35	0.23	PL	...	...	2FGL J0913.0+1553	...	bll	SDSS J091230.61+155528.0
J0912.9−2104	138.248	−21.077	249.606	18.478	0.039	0.034	79	14.4	1.0	0.1	11.6	1.3	1.94	0.09	PL	...	...	1FHL J0913.1−2104 2FGL J0912.9−2102	...	bll	MRC 0910−208
J0914.5−4736	138.641	−47.615	269.776	0.801	0.123	0.101	68	15.6	2.5	0.3	31.3	2.8	2.51	...	LP	...	3	...	...	...	...
J0915.0+5844	138.770	58.740	156.979	41.351	0.250	0.156	28	4.2	0.2	0.0	2.6	0.6	2.48	0.18	PL	...	...	...	...	bcu	SDSS J091608.57+584434.0
J0915.8+2933	138.965	29.560	196.644	42.933	0.026	0.025	−62	30.0	2.0	0.1	23.5	1.7	1.88	0.04	PL	...	1,3,9,12	1FHL J0915.8+2932	...	bll	Ton 0396

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0929.4+5013	142.354	50.225	167.657	45.446	0.048	0.044	-52	14.0	1.0	0.1	11.6	1.0	2.16	0.07	PL	T	...	1FHL J0929.5+5014 2FGL J0929.5+5009	...	bll	GB6 J0929+5013
J0930.0+4951	142.522	49.853	168.145	45.627	0.148	0.098	-57	5.1	0.2	0.1	3.4	1.0	1.45	0.21	PL	...	...	1FGL J0929.4+5000	...	bll	1ES 0927+500
J0930.2+8612	142.562	86.202	126.290	29.514	0.038	0.035	80	21.1	1.3	0.1	14.5	1.0	2.18	0.05	PL	T	...	1FHL J0930.4+8611 2FGL J0930.4+8611	...	bll	S5 0916+864
J0930.7+5133	142.688	51.559	165.737	45.360	0.102	0.086	78	4.7	0.2	0.1	2.3	0.6	2.07	0.21	PL	...	...	...	...	...	...
J0930.9-1904	142.732	-19.074	250.953	22.968	0.135	0.109	83	4.4	0.3	0.1	3.0	0.9	1.85	0.16	PL	...	...	...	...	PSR	PSR J0931-1902
J0931.8+6739	142.968	67.651	145.166	39.773	0.082	0.067	-30	6.9	0.3	0.1	3.6	0.6	2.17	0.13	PL	...	...	...	...	...	...
J0933.9-6232	143.481	-62.534	282.235	-7.894	0.041	0.037	-9	22.1	2.7	0.2	12.3	1.1	2.02	...	LP	...	...	2FGL J0934.0-6231 1FGL J0933.9-6228	...	...	...
J0934.1+3933	143.549	39.564	182.918	47.540	0.170	0.162	-2	6.8	0.4	0.1	4.4	0.7	2.28	0.12	PL	...	...	2FGL J0934.7+3932 1FGL J0934.5+3929	...	bll	GB6 J0934+3926
J0935.1-1736	143.787	-17.606	250.499	24.696	0.056	0.054	79	6.8	0.3	0.1	4.4	1.1	1.75	0.16	PL	...	...	...	...	...	...
J0935.2+0903	143.801	9.052	224.675	40.367	0.148	0.117	3	7.3	0.4	0.1	5.8	0.9	2.40	0.11	PL	...	...	...	...	...	...
J0936.3-2114	144.100	-21.245	253.625	22.433	0.077	0.065	-78	5.7	0.3	0.1	3.5	0.9	1.84	0.18	PL	...	...	...	...	...	...
J0937.1-4544c	144.292	-45.744	271.258	4.842	0.181	0.128	-44	4.6	0.5	0.1	6.9	1.5	2.49	0.16	PL	...	4,6	...	...	...	...
J0937.7+5008	144.446	50.145	167.344	46.770	0.116	0.094	-60	7.3	0.3	0.1	4.4	0.7	2.38	0.14	PL	T	...	2FGL J0937.6+5009 1FGL J0937.7+5005	...	fsrq	GB6 J0937+5008
J0937.8-6407	144.475	-64.122	283.654	-8.759	0.142	0.121	45	5.5	0.4	0.1	6.1	1.1	2.55	0.12	PL	...	1	...	...	...	...
J0937.9-1435	144.483	-14.598	248.507	27.204	0.068	0.063	-24	6.0	0.3	0.1	3.8	0.9	1.89	0.15	PL	...	...	2FGL J0937.9-1434	...	...	...
J0939.2-1732	144.814	-17.537	251.174	25.464	0.097	0.080	48	8.9	0.6	0.1	7.5	1.0	2.27	0.09	PL	T	...	2FGL J0939.1-1734	...	bcu	TXS 0936-173
J0939.9-2831	144.979	-28.520	259.716	17.864	0.115	0.081	70	10.0	0.6	0.1	8.8	1.0	2.47	0.09	PL	T	...	2FGL J0940.3-2827	...	bcu	TXS 0937-282
J0940.6-7609	145.164	-76.161	292.247	-17.425	0.097	0.084	14	10.1	0.8	0.1	10.8	1.2	2.39	0.08	PL	...	...	2FGL J0942.8-7558 1FGL J0940.2-7605	...	...	...
J0940.7-6102	145.188	-61.047	281.830	-6.250	0.207	0.121	52	6.4	0.6	0.1	8.3	1.3	2.42	0.10	PL	...	3	2FGL J0940.8-6105	...	bcu	MRC 0939-608
J0940.9-1337	145.243	-13.618	248.232	28.405	0.104	0.079	-16	10.1	0.6	0.1	8.4	0.9	2.41	0.09	PL	T	...	...	...	fsrq	TXS 0938-133
J0941.0+6151	145.275	61.866	151.483	43.249	0.078	0.076	-87	9.0	0.4	0.1	4.8	0.7	2.30	0.13	PL	...	...	2FGL J0941.4+6148 1FGL J0941.2+6149	...	...	...
J0941.6+2727	145.423	27.451	201.130	48.109	0.138	0.111	65	6.8	0.3	0.1	4.5	0.7	2.50	0.13	PL	...	...	2FGL J0941.4+2724 1FGL J0941.2+2722	...	fsrq	MG2 J094148+2728
J0942.1-0756	145.541	-7.943	243.448	32.313	0.109	0.081	-75	6.1	0.4	0.1	3.9	0.8	2.07	0.13	PL	T	...	2FGL J0941.9-0755	...	bll	PMN J0942-0800
J0945.9+5756	146.483	57.943	156.125	45.427	0.082	0.067	65	13.2	0.6	0.1	7.2	0.7	2.33	0.08	PL	...	...	2FGL J0945.9+5751 1FGL J0945.6+5754	...	bll	GB6 J0945+5757
J0946.2+0103	146.573	1.065	235.376	38.565	0.073	0.063	37	4.9	0.2	0.1	2.9	0.9	1.70	0.23	PL	...	...	1FHL J0946.2+0106 2FGL J0946.2+0104	...	bll	RXS J094620.5+010459

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0946.2+5209	146.574	52.151	163.976	47.514	0.238	0.206	50	6.7	0.2	0.1	4.2	0.6	2.74	0.14	PL	...	...	...	...	...	...
J0946.5+1017	146.636	10.288	224.967	43.415	0.054	0.051	-19	23.3	1.4	0.1	19.2	1.1	2.46	0.05	PL	T	...	2FGL J0946.5+1015 1FGL J0946.6+1012	...	fsrq	TXS 0943+105
J0947.1-2542	146.789	-25.709	258.896	21.010	0.069	0.064	-6	10.4	0.7	0.1	7.9	1.1	1.95	0.10	PL	...	...	2FGL J0946.9-2541	...	bcu	1RXS J094709.2-254056
J0948.1-3641	147.036	-36.693	266.762	12.994	0.255	0.135	16	9.4	0.5	0.1	10.2	1.1	2.72	0.09	PL	...	...	...	...	...	...
J0948.6+4041	147.170	40.696	180.947	50.236	0.195	0.126	-73	8.6	0.3	0.1	5.6	0.7	2.67	0.11	PL	...	...	2FGL J0948.8+4040	...	fsrq	4C +40.24
J0948.8+0021	147.223	0.363	236.590	38.694	0.042	0.041	16	39.4	2.7	0.2	49.4	1.3	2.63	...	LP	T	1	2FGL J0948.8+0020 1FGL J0949.0+0021 0FGL J0948.3+0019	...	NLSY1	PMN J0948+0022
J0948.8-4243	147.204	-42.721	270.845	8.492	0.103	0.089	53	6.2	0.5	0.1	7.1	1.2	2.49	0.12	PL	...	...	...	...	...	...
J0950.1+4554	147.535	45.903	172.874	49.721	0.053	0.045	-32	10.4	0.5	0.1	5.2	0.8	1.95	0.13	PL	...	...	2FGL J0950.1+4554	...	bll	RX J0950.2+4553
J0950.4+7550	147.610	75.850	135.411	36.536	0.162	0.141	90	4.3	0.2	0.0	2.2	0.5	2.20	0.19	PL	...	...	...	...	...	...
J0952.8+0711	148.217	7.199	229.723	43.266	0.076	0.057	47	5.8	0.2	0.1	3.3	0.9	1.70	0.17	PL	...	...	...	...	...	...
J0953.0-0839	148.255	-8.663	246.175	33.899	0.026	0.025	-42	29.8	2.3	0.1	28.5	2.2	1.81	0.04	PL	T	...	1FHL J0952.9-0839 2FGL J0953.1-0839 1FGL J0953.0-0838	...	bll	PMN J0953-0840
J0953.1-7657c	148.293	-76.963	293.377	-17.530	0.058	0.056	-24	6.9	0.5	0.1	5.4	1.1	1.91	0.15	PL	...	6	2FGL J0953.9-7659	...	bcu	1RXS J095306.1-765755
J0953.7-1510	148.429	-15.175	251.938	29.605	0.070	0.064	-56	14.0	1.2	0.1	5.9	0.7	2.10	...	LP	...	...	2FGL J0953.6-1504 1FGL J0953.6-1505	...	...	...
J0954.2+4913	148.555	49.220	167.646	49.578	0.054	0.046	32	6.5	0.1	0.0	2.6	0.8	1.33	0.23	PL	...	...	...	...	bll	1ES 0950+495
J0954.8-3948	148.712	-39.809	269.844	11.458	0.088	0.067	-1	18.9	1.3	0.1	18.3	1.2	2.54	...	LP	...	...	2FGL J0955.0-3949 1FGL J0955.2-3949	...	...	...
J0955.4+6940	148.870	69.673	141.443	40.543	0.043	0.038	-78	17.8	0.9	0.1	10.7	0.8	2.21	0.06	PL	...	...	2FGL J0955.9+6936 1FGL J0956.5+6938	P	sbq	M 82
J0955.6-6148	148.913	-61.814	283.699	-5.696	0.106	0.067	3	7.0	0.7	0.1	8.2	1.3	2.33	0.10	PL	...	...	...	...	psr	PSR J0955-61
J0956.6+2515	149.154	25.266	205.477	50.937	0.078	0.074	3	15.9	0.9	0.1	12.2	0.9	2.44	0.06	PL	T	7	2FGL J0956.9+2516 1FGL J0956.9+2513	...	fsrq	OK 290
J0956.7-6441	149.185	-64.693	285.595	-7.877	0.093	0.082	30	6.3	0.4	0.1	6.9	1.2	2.54	0.13	PL	...	1	...	...	bcu	AT20G J095612-643928
J0957.4+4728	149.369	47.472	170.034	50.578	0.193	0.158	49	7.7	0.3	0.1	4.8	0.7	2.67	0.12	PL	...	...	2FGL J0957.7+4735	...	fsrq	OK 492
J0957.5-1351	149.383	-13.863	251.596	31.182	0.096	0.087	-84	13.2	0.8	0.1	9.6	1.0	2.52	...	LP	T	...	2FGL J0957.6-1350	...	fsrq	PMN J0957-1350
J0957.6+5523	149.413	55.387	158.592	47.929	0.012	0.012	-24	112.9	10.4	0.2	95.9	2.7	2.00	...	LP	...	...	1FHL J0957.6+5522 2FGL J0957.7+5522 1FGL J0957.7+5523 0FGL J0957.6+5522 EGR J0957+5513	...	fsrq	4C +55.17

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J0958.3–0318	149.585	−3.303	242.148	38.362	0.151	0.095	64	4.9	0.2	0.1	3.2	1.0	1.52	0.21	PL	...	...	...	...	bl	1RXS
																					J095806.4–031729
J0958.4–6752	149.600	−67.874	287.725	−10.270	0.045	0.041	66	6.9	0.5	0.1	5.2	1.0	2.21	0.15	PL	...	...	...	...	bcu	1RXS
																					J095812.8–675241
J0958.6+6534	149.660	65.567	145.756	43.118	0.036	0.035	21	27.2	1.4	0.1	17.9	0.9	2.38	0.04	PL	T	...	1FHL J0959.5+6535 2FGL J0958.6+6533 1FGL J1000.1+6539 3EG J0958+6533 EGR J0956+6524	...	bl	S4 0954+65
J0958.6–2447	149.669	−24.798	260.307	23.441	0.173	0.137	−68	6.2	0.4	0.1	4.8	0.9	2.24	0.13	PL	...	...	2FGL J0958.6–2446	...	bcu	TXS 0956–244
J0959.7+2124	149.927	21.414	211.656	50.634	0.091	0.085	83	5.8	0.3	0.1	3.6	0.8	2.15	0.16	PL	...	...	...	...	bl	RX J0959.4+2123
J1001.0+2913	150.251	29.226	199.449	52.588	0.083	0.061	−57	13.2	0.7	0.1	8.3	0.9	2.16	0.08	PL	T	...	2FGL J1001.0+2913 1FGL J1000.9+2915	...	bl	GB6 J1001+2911
J1002.0–2837	150.503	−28.628	263.619	21.026	0.496	0.325	15	4.2	0.3	0.1	4.3	0.9	2.58	0.15	PL	...	...	...	...	...	...
J1002.3+2220	150.599	22.338	210.528	51.495	0.237	0.173	−79	4.7	0.3	0.1	3.5	0.8	2.31	0.17	PL	...	...	2FGL J1003.0+2219	...	bl	1RXS
																					J100235.8+221609
J1002.5–5709	150.646	−57.163	281.558	−1.472	0.144	0.101	63	9.4	2.7	0.3	24.8	3.8	2.49	...	LP	...	3,5	...	...	...	...
J1003.6+2608	150.920	26.137	204.630	52.674	0.140	0.125	−21	4.9	0.3	0.1	3.3	0.8	2.29	0.18	PL	...	...	...	...	bcu	PKS 1000+26
J1003.7–5215	150.947	−52.252	278.768	2.574	0.147	0.104	−74	4.1	0.5	0.1	6.4	1.5	2.31	0.13	PL	...	...	...	...	...	...
J1005.0–4959	151.261	−49.986	277.579	4.514	0.208	0.186	−59	5.1	0.3	0.1	7.4	1.3	2.78	0.16	PL	...	1,4	...	...	bcu	PMN J1006–5018
J1006.7+3453	151.695	34.893	190.078	54.134	0.097	0.071	34	5.5	0.2	0.1	2.4	0.8	1.66	0.22	PL	...	...	1FGL J1007.0+3454	...	bl	EXO 1004.0+3509
J1006.7–2159	151.700	−21.985	259.804	26.784	0.053	0.043	−70	21.7	1.3	0.1	18.3	1.1	2.43	0.05	PL	T	...	1FGL J1007.1–2157 2FGL J1007.1–2157	...	fsrq	PKS 1004–217
J1007.4–3334	151.875	−33.576	267.884	17.913	0.336	0.331	−17	4.1	0.3	0.1	4.6	1.0	2.54	0.14	PL	...	...	...	...	fsrq	PKS 1005–333
J1007.8+0026	151.964	0.442	240.226	42.550	0.118	0.103	−68	5.6	0.4	0.1	3.9	0.8	2.09	0.15	PL	...	...	2FGL J1008.6+0028	...	bcu	PKS 1005+007
J1007.9+0621	151.986	6.358	233.506	45.999	0.053	0.050	−85	16.8	1.2	0.1	14.5	1.2	2.28	0.06	PL	T	...	2FGL J1007.7+0621 1FGL J1007.9+0619	...	bl	MG1 J100800+0621
J1008.6–5706	152.172	−57.113	282.198	−0.944	0.102	0.060	−84	8.3	2.2	0.3	32.5	4.4	2.51	0.08	PL	...	3	...	...	...	...
J1008.9–2910	152.229	−29.174	265.246	21.560	0.114	0.100	−16	5.4	0.3	0.1	4.3	0.9	2.39	0.15	PL	...	1	...	...	bcu	PMN J1008–2912
J1009.0–3137	152.251	−31.624	266.882	19.648	0.100	0.095	4	5.5	0.5	0.1	6.6	1.2	2.35	0.12	PL	...	5	...	...	bcu	PKS 1006–313
J1010.2–3120	152.572	−31.340	266.926	20.040	0.034	0.030	71	14.1	0.8	0.1	12.5	1.8	1.58	0.10	PL	T	...	1FHL J1009.6–3118	P	bl	1RXS
																					J101015.9–311909
J1010.8–0158	152.713	−1.976	243.398	41.620	0.132	0.111	89	5.7	0.3	0.1	4.3	0.8	2.38	0.14	PL	...	6	2FGL J1009.7–3123 2FGL J1010.8–0158 1FGL J1011.0–0156	...	fsrq	PKS 1008–01
J1010.8–7645c	152.710	−76.756	294.058	−16.738	0.182	0.127	−73	4.2	0.4	0.1	4.9	1.2	2.31	0.16	PL	...	...	...	...	...	...
J1012.0–4235	153.022	−42.598	274.198	11.211	0.066	0.064	29	8.9	0.7	0.1	7.5	1.1	2.03	0.10	PL	...	10	2FGL J1012.1–4236	...	psr	PSR J1012–42
J1012.2+0631	153.072	6.523	234.163	46.992	0.054	0.049	−10	10.2	0.7	0.1	7.3	1.1	2.08	0.11	PL	...	...	2FGL J1012.1+0631 1FGL J1012.2+0634	...	bl	NRAO 350

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J1012.6+2439	153.152	24.660	207.763	54.340	0.035	0.033	38	40.8	3.0	0.2	29.7	1.4	2.27	...	LP	T	...	2FGL J1012.6+2440 1FGL J1012.7+2440 0FGL J1012.9+2435	...	fsrq	MG2 J101241+2439	
J1012.7+4229	153.184	42.494	176.901	54.401	0.058	0.051	17	9.8	0.4	0.1	4.9	1.0	1.66	0.13	PL	...	...	2FGL J1012.5+4227	...	bll	B3 1009+427
J1013.4-4008	153.367	-40.150	272.958	13.354	0.234	0.101	32	4.4	0.3	0.1	4.0	1.0	2.25	0.18	PL	...	9
J1013.5+3440	153.383	34.678	190.398	55.526	0.140	0.110	-29	8.7	0.4	0.1	6.5	0.8	2.62	0.11	PL	...	...	2FGL J1013.6+3434	...	fsrq	OL 318
J1013.6-5734	153.412	-57.569	283.008	-0.935	0.088	0.064	4	9.5	2.5	0.4	22.9	3.0	2.36	...	LP	...	5	3EG J1014-5705	...	...	...
J1014.2+4115	153.560	41.254	178.900	54.930	0.124	0.106	-50	5.6	0.3	0.1	3.5	0.7	2.42	0.15	PL	...	...	...	...	bcu	GB6 J1014+4112
J1015.0+4925	153.771	49.433	165.534	52.715	0.013	0.012	-12	84.6	7.4	0.2	88.7	3.1	1.83	0.02	PL	T	...	1FHL J1015.0+4925 2FGL J1015.1+4925 1FGL J1015.1+4927 0FGL J1015.2+4927	P	bll	1H 1013+498	
J1015.2-4512	153.807	-45.213	276.196	9.396	0.123	0.082	-44	5.8	0.5	0.1	5.5	1.0	2.24	0.13	PL	...	1	...	...	bcu	PMN J1014-4508
J1016.0+0513	154.003	5.217	236.512	47.024	0.028	0.027	85	27.2	2.5	0.2	28.2	1.7	2.12	0.04	PL	T	...	1FHL J1016.0+0512 2FGL J1016.0+0513 1FGL J1016.1+0514 0FGL J1015.9+0515	...	fsrq	TXS 1013+054	
J1016.0-0635	154.022	-6.590	249.075	39.519	0.220	0.169	82	4.5	0.3	0.1	4.0	0.8	2.54	0.16	PL	...	...	2FGL J1016.2-0638	...	bcu	NVSS J101626-063624
J1016.1+5555	154.034	55.922	156.069	50.012	0.096	0.089	3	9.5	0.3	0.1	5.1	0.6	2.53	0.11	PL	...	...	2FGL J1016.1+5600	...	bcu	TXS 1012+560
J1016.3-5858	154.079	-58.967	284.083	-1.894	0.031	0.029	-86	18.9	7.8	0.5	65.5	7.4	2.35	...	EC	...	5	2FGL J1016.5-5858 3EG J1013-5915	E	PSR	PSR J1016-5857	
J1016.5-6034	154.135	-60.576	285.005	-3.214	0.219	0.171	55	11.3	0.7	0.2	20.0	2.0	2.69	...	LP	...	...	...	...	...	...
J1016.6-4244	154.164	-42.746	274.986	11.573	0.093	0.083	57	5.7	0.4	0.1	4.4	1.1	1.78	0.16	PL	...	...	2FGL J1016.4-4244	...	...	...
J1016.9-2653	154.246	-26.898	265.244	24.450	0.219	0.157	-77	4.8	0.3	0.1	4.5	0.9	2.61	0.15	PL	...	...	...	...	...	...
J1018.1+1904	154.526	19.076	217.534	53.980	0.041	0.039	74	11.3	0.6	0.1	6.9	1.0	1.98	0.11	PL	...	...	...	...	bll	NVSS J101808+190614
J1018.2-6254	154.559	-62.905	286.470	-5.038	0.174	0.130	-66	5.3	0.5	0.1	7.7	1.5	2.57	0.12	PL	...	1	...	...	...	...
J1018.3+3542	154.582	35.713	188.467	56.455	0.165	0.114	40	6.1	0.3	0.1	4.3	0.8	2.55	0.14	PL	T	...	2FGL J1017.0+3531	...	fsrq	B2 1015+35B	
J1018.4-3119	154.612	-31.323	268.402	21.102	0.184	0.120	-51	8.7	0.5	0.1	8.4	1.1	2.53	0.09	PL	...	...	2FGL J1018.3-3119	...	fsrq	PKS 1016-311
J1018.5+0530	154.628	5.503	236.693	47.698	0.080	0.070	-68	9.3	0.8	0.1	9.9	1.4	2.35	0.09	PL	...	5	2FGL J1018.6+0531	...	fsrq	TXS 1015+057	
J1018.8+5913	154.719	59.231	151.460	48.581	0.079	0.073	-77	7.4	0.3	0.1	3.4	0.6	2.09	0.15	PL	...	...	2FGL J1019.0+5915	...	bll	TXS 1015+594
J1018.9-5856	154.730	-58.946	284.351	-1.690	0.014	0.014	28	52.2	27.1	0.6	250.3	8.3	2.30	...	LP	...	...	1FHL J1018.9-5855 2FGL J1019.0-5856 1FGL J1018.6-5856 0FGL J1018.2-5858	E	HMB	1FGL J1018.6-5856
J1020.0+6323	155.023	63.384	146.355	46.266	0.089	0.084	-30	7.9	0.4	0.1	4.3	0.6	2.29	0.11	PL	...	3,5	2FGL J1019.8+6322	...	bll	GB6 J1019+6319	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1020.0–5749	155.000	–57.817	283.851	–0.669	0.049	0.046	26	11.1	4.0	0.4	49.2	6.1	2.33	0.06	PL	...	...	...	...	PSR	PSR J1019–5749
J1021.8+8023	155.470	80.385	130.009	34.589	0.077	0.074	–60	9.9	0.5	0.1	5.6	0.7	2.33	0.10	PL	...	...	2FGL J1021.6+8021	...	bcu	NVSS J102201+802350
J1021.9–5815c	155.484	–58.265	284.309	–0.905	0.156	0.094	–89	5.7	1.8	0.4	22.3	5.3	2.30	0.10	PL	...	1,5,6	1AGL J1022–5822	...	...	...
J1022.3–4234	155.598	–42.578	275.783	12.302	0.129	0.105	23	4.3	0.3	0.1	4.0	1.0	2.34	0.18	PL	...	...	...	...	bcu	PMN J1022–4232
J1022.8–0113	155.704	–1.224	245.274	44.380	0.047	0.041	78	11.2	0.7	0.1	8.0	1.2	1.87	0.09	PL	...	...	2FGL J1023.1–0115 1FGL J1022.8–0115	...	bll	RX J1022.7–0112
J1023.1+3952	155.779	39.873	180.734	56.850	0.181	0.155	–8	8.5	0.3	0.1	5.8	0.8	2.73	0.12	PL	T	...	2FGL J1023.6+3947 1FGL J1023.6+3937	...	fsrq	4C +40.25
J1023.1–5745	155.790	–57.759	284.174	–0.392	0.018	0.018	–32	31.2	19.9	0.8	148.1	8.2	2.25	...	EC	...	...	1FGL J1023.0–5746 1FHL J1022.6–5745 2FGL J1022.7–5741	E	PSR	LAT PSR J1023–5746
J1023.7+3000	155.947	30.014	198.950	57.593	0.068	0.061	81	6.2	0.2	0.1	3.0	0.8	1.75	0.21	PL	...	...	1FHL J1023.6+2959 2FGL J1023.6+2959	...	bll	RX J1023.6+3001
J1023.9–4335	155.985	–43.585	276.590	11.615	0.024	0.024	34	19.7	1.4	0.1	17.2	1.7	1.79	0.06	PL	...	...	1FHL J1023.9–4337 2FGL J1023.8–4335 1FGL J1024.0–4332	...	bll	RX J1023.9–4336
J1024.1–3232	156.041	–32.539	270.216	20.816	0.053	0.050	–57	21.1	1.4	0.1	20.1	1.2	2.46	0.05	PL	T	...	2FGL J1023.8–3248 ...	...	fsrq	PKS 1021–323
J1024.3–5757	156.085	–57.951	284.409	–0.470	0.064	0.047	70	5.4	1.2	0.5	13.8	4.3	1.90	0.19	PL	...	5	0FGL J1024.0–5754	E	...	...
J1024.4–4545	156.104	–45.752	277.859	9.841	0.061	0.049	–86	5.2	0.3	0.1	3.4	1.0	1.96	0.20	PL	...	...	...	...	...	...
J1024.6–0718	156.152	–7.311	251.683	40.517	0.110	0.101	69	9.0	0.8	0.1	3.6	0.5	2.13	...	EC	...	12	2FGL J1024.6–0719 1FGL J1024.6–0718	...	PSR	PSR J1024–0719
J1024.8+0105	156.224	1.096	243.246	46.283	0.301	0.220	21	6.5	0.4	0.1	5.8	0.9	2.55	0.12	PL	...	...	...	...	bcu	PMN J1024+0056
J1025.1+2333	156.284	23.562	210.825	56.868	0.135	0.109	–28	7.1	0.3	0.1	5.0	0.8	2.57	0.14	PL	...	...	...	...	bll	MG2 J102456+2332
J1025.1–6507	156.292	–65.121	288.321	–6.485	0.092	0.077	83	7.3	0.7	0.1	9.3	1.4	2.42	0.09	PL	...	3	...	...	...	...
J1025.7–5659c	156.443	–57.000	284.067	0.438	0.077	0.056	82	4.5	1.1	0.3	13.4	3.7	2.35	0.13	PL	...	5,6	...	...	...	...
J1025.9–5930	156.475	–59.513	285.410	–1.686	0.152	0.090	–49	5.7	1.2	0.2	13.7	3.2	2.22	0.14	PL	...	...	...	...	...	...
J1026.2–5730	156.560	–57.517	284.394	0.033	0.054	0.049	84	13.1	5.9	0.5	46.9	5.1	2.28	...	LP	...	5	...	...	...	...
J1026.4–8542	156.605	–85.715	300.168	–23.646	0.046	0.040	–70	13.4	0.9	0.1	10.1	1.2	2.01	0.08	PL	...	...	1FHL J1029.0–8543 2FGL J1026.3–8546 1FGL J1028.7–8543	...	bll	PKS 1029–85
J1026.5+7423	156.637	74.392	134.776	39.224	0.160	0.120	–28	4.7	0.3	0.1	5.1	1.1	2.57	0.12	PL	...	5	...	...	bcu	GB6 J1027+7428
J1026.9–1750	156.729	–17.840	260.927	32.995	0.033	0.030	50	23.1	1.8	0.1	20.2	1.7	1.92	0.05	PL	T	...	2FGL J1026.7–1749 1FGL J1027.1–1747	...	bll	1RXS J102658.5–174905
J1027.0+0609	156.758	6.161	237.740	49.806	0.067	0.054	54	6.1	0.3	0.1	3.6	0.8	2.09	0.20	PL	...	...	...	...	bll	NVSS J102703+060934

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1027.7+6316	156.932	63.275	145.695	47.002	0.072	0.064	-31	7.1	0.3	0.1	3.3	0.6	2.00	0.15	PL	...	...	...	...	bll	RX J1027.4+6317
J1027.8+8253	156.963	82.898	127.879	32.794	0.103	0.092	76	6.2	0.3	0.1	3.2	0.6	2.07	0.14	PL	...	...	...	...	...	...
J1028.0+1829	157.017	18.496	219.935	55.980	0.089	0.084	23	5.8	0.3	0.1	3.5	0.7	2.24	0.16	PL	...	...	...	...	bcu	GB6 J1027+1831
J1028.3-7419	157.089	-74.327	293.561	-14.120	0.387	0.257	-86	4.8	0.3	0.1	5.6	1.1	2.69	0.16	PL	...	...	...	...	...	...
J1028.4-5819	157.123	-58.320	285.069	-0.495	0.012	0.012	-74	57.5	33.3	0.7	251.2	6.2	2.18	...	EC	...	...	1FHL J1028.4-5819 2FGL J1028.5-5819 1FGL J1028.4-5819 0FGL J1028.6-5817 3EG J1027-5817	...	PSR	PSR J1028-5819
J1028.5-0235	157.144	-2.585	248.041	44.532	0.124	0.112	-55	4.7	0.3	0.1	3.5	0.8	2.40	0.16	PL	T	...	...	...	fsrq	PMN J1028-0237
J1030.0-5809	157.509	-58.153	285.157	-0.248	0.064	0.054	78	5.7	1.0	0.5	12.7	3.9	1.79	0.23	PL	...	5	3EG J1027-5817	...	...	...
J1030.4-2030	157.608	-20.507	263.636	31.398	0.065	0.061	-41	10.1	0.6	0.1	7.3	1.1	1.89	0.11	PL	...	...	...	...	bcu	NVSS J103040-203032
J1031.0+7440	157.762	74.682	134.237	39.209	0.071	0.061	30	6.8	0.4	0.1	4.4	0.9	2.15	0.16	PL	...	...	2FGL J1029.9+7437	...	bcu	S5 1027+74
J1031.2+5053	157.817	50.887	161.453	54.437	0.029	0.026	74	18.9	0.8	0.1	11.3	1.3	1.71	0.07	PL	...	...	1FHL J1031.0+5052 2FGL J1031.0+5053 1FGL J1031.0+5051	...	bll	1ES 1028+511
J1031.4-5855	157.864	-58.920	285.709	-0.811	0.112	0.079	65	5.0	1.0	0.3	11.5	2.9	2.09	0.14	PL	...	...	...	...	...	...
J1031.6+6021	157.917	60.359	148.628	49.211	0.077	0.065	-26	9.0	0.6	0.1	11.3	1.7	2.63	0.12	PL	T	...	...	...	fsrq	TXS 1028+605
J1032.5+6623	158.145	66.394	141.850	45.299	0.094	0.085	39	4.6	0.2	0.0	2.0	0.5	2.15	0.18	PL	...	...	...	...	bll	SDSS J103239.06+662323.2
J1032.7+3735	158.183	37.590	184.336	59.106	0.076	0.063	-45	16.7	0.9	0.1	10.7	0.9	2.33	0.07	PL	...	...	2FGL J1032.6+3733 1FGL J1032.7+3737	...	bll	B3 1029+378
J1033.0-5945	158.266	-59.751	286.308	-1.423	0.052	0.044	-75	11.3	2.4	0.2	30.6	3.4	2.38	0.06	PL	...	...	...	...	...	...
J1033.2+4116	158.303	41.276	177.359	58.393	0.044	0.043	-20	24.7	1.3	0.1	15.6	0.9	2.32	0.05	PL	T	...	2FGL J1033.2+4117 1FGL J1033.2+4116	...	fsrq	S4 1030+41
J1033.4-5035	158.374	-50.595	281.724	6.509	0.056	0.053	69	10.4	0.9	0.1	10.0	1.3	2.02	0.10	PL	...	...	2FGL J1033.5-5032 1FGL J1033.5-5033	...	...	...
J1033.8+6051	158.461	60.859	147.778	49.101	0.020	0.019	-1	51.4	5.2	0.2	47.1	2.3	2.20	...	LP	T	...	1FHL J1033.7+6051 2FGL J1033.9+6050 1FGL J1033.8+6048 0FGL J1034.0+6051	...	FSRQ	S4 1030+61
J1034.0-5731c	158.516	-57.517	285.295	0.572	0.263	0.129	36	7.5	1.8	0.3	22.1	3.3	2.28	0.08	PL	...	5,6,9	...	...	...	...
J1035.2+5545	158.822	55.751	153.993	52.371	0.235	0.175	-52	5.7	0.1	0.0	4.3	0.7	2.94	0.17	PL	...	...	...	...	bcu	GB6 J1035+5542
J1035.7-6720	158.926	-67.334	290.391	-7.828	0.037	0.034	-58	30.5	3.6	0.2	25.9	1.5	2.21	...	LP	...	...	2FGL J1036.1-6722 1FGL J1036.2-6719	...	...	...
J1036.0-8317	159.022	-83.288	298.921	-21.497	0.117	0.109	26	6.7	0.5	0.1	5.8	1.0	2.33	0.11	PL	...	...	...	...	psr	PSR J1036-83

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1036.4–4348	159.113	–43.812	278.678	12.612	0.197	0.166	73	4.6	0.4	0.1	4.4	0.9	2.28	0.15	PL	...	...	...	...	...	...
J1037.0–2934	159.266	–29.583	270.921	24.809	0.195	0.154	66	7.2	0.5	0.1	7.4	1.1	2.49	0.11	PL	T	5	...	...	fsrq	PKS 1034–293
J1037.2–6052	159.319	–60.875	287.321	–2.136	0.670	0.520	16	7.3	1.3	0.2	12.5	2.0	2.34	...	LP	...	1,4,5,9	...	...	...	...
J1037.4–3742	159.358	–37.715	275.612	17.947	0.223	0.191	–51	4.6	0.2	0.1	4.3	0.9	2.76	0.16	PL	...	...	...	...	fsrq	PKS 1034–374
J1037.5+5711	159.389	57.195	151.801	51.766	0.020	0.019	10	51.2	3.8	0.2	34.3	2.1	1.87	...	LP	T	...	1FHL J1037.4+5712 2FGL J1037.6+5712 1FGL J1037.7+5711	...	bl	GB6 J1037+5711
J1037.5–2821	159.377	–28.364	270.277	25.885	0.065	0.056	47	12.1	0.8	0.1	11.3	1.1	2.49	0.08	PL	T	...	2FGL J1037.5–2820 1FGL J1037.7–2820	...	fsrq	PKS B1035–281
J1037.9–5843	159.488	–58.730	286.342	–0.226	0.094	0.060	–17	11.1	3.6	0.4	27.2	3.5	2.19	...	LP	...	3	...	...	...	...
J1038.0–2425	159.519	–24.431	267.943	29.232	0.139	0.108	–3	5.1	0.3	0.1	4.2	0.9	2.40	0.15	PL	...	...	2FGL J1038.2–2423	...	...	...
J1038.9–5311	159.735	–53.186	283.752	4.679	0.059	0.055	–64	24.4	1.9	0.2	31.6	1.6	2.62	...	LP	T	...	...	...	bcl	MRC 1036–529
J1039.1–5809	159.789	–58.157	286.200	0.351	0.349	0.306	1	7.4	2.5	0.4	16.3	3.2	2.20	...	LP	...	1,5,9	1AGL J1043–5749	...	...	...
J1039.5+7324	159.885	73.409	134.735	40.556	0.109	0.080	–78	5.6	0.3	0.1	3.4	0.8	2.09	0.16	PL	...	...	...	...	...	...
J1040.4+0615	160.116	6.260	240.792	52.545	0.046	0.041	45	20.5	1.4	0.1	16.7	1.2	2.23	0.05	PL	T	...	2FGL J1040.7+0614 1FGL J1040.5+0616	...	bcl	GB6 J1040+0617
J1040.5–5926c	160.137	–59.433	286.975	–0.679	0.095	0.083	3	6.0	1.6	0.3	17.8	3.8	2.17	0.10	PL	...	1,3,5,6,10	1AGL J1043–5936	...	...	...
J1040.8+1342	160.220	13.703	230.134	56.733	0.101	0.076	46	4.9	0.2	0.1	2.7	0.8	1.76	0.21	PL	...	...	...	...	bcl	1RXS J104057.7+134216
J1040.9–1205	160.241	–12.089	259.765	39.606	0.135	0.081	30	5.5	0.3	0.1	3.5	0.8	2.11	0.20	PL	...	...	1FGL J1040.9–1205	...	bcl	NVSS J104108–120332
J1041.8+3901	160.451	39.018	180.832	60.557	0.071	0.068	–44	4.7	0.2	0.1	2.2	0.6	1.97	0.16	PL	...	...	...	...	bl	B3 1038+392
J1042.0–0557	160.501	–5.957	254.704	44.460	0.074	0.059	–46	6.2	0.3	0.1	3.4	0.8	1.94	0.32	PL	...	...	...	...	bcl	PMN J1042–0558
J1042.1–4126	160.535	–41.434	278.387	15.194	0.085	0.069	31	4.7	0.3	0.1	2.8	0.8	1.98	0.23	PL	...	...	...	...	bcl	1RXS J104204.1–412936
J1043.1+2407	160.797	24.131	211.610	61.015	0.056	0.051	20	13.0	0.8	0.1	9.1	0.9	2.24	0.08	PL	...	...	1FHL J1043.2+2407 2FGL J1043.1+2404 1FGL J1043.1+2404	...	fsrq	B2 1040+24A
J1043.6–5930	160.905	–59.505	287.352	–0.556	0.076	0.050	29	6.2	1.9	0.5	21.4	5.0	2.07	0.11	PL	...	5	1AGL J1043–5936	...	...	...
J1043.8–5851	160.974	–58.859	287.079	0.030	0.091	0.079	–42	4.3	0.7	0.2	8.0	2.5	1.93	0.18	PL	...	4,5	...	...	...	...
J1044.4+8058	161.119	80.968	128.696	34.691	0.123	0.103	87	5.9	0.3	0.1	6.5	1.3	2.76	0.12	PL	T	5	2FGL J1042.6+8053 1FGL J1048.7+8054	...	fsrq	S5 1039+81
J1044.5–5737	161.129	–57.630	286.575	1.154	0.018	0.018	47	57.6	16.4	0.4	136.0	3.9	2.30	...	EC	...	...	2FGL J1044.5–5737 1FGL J1044.5–5737 1AGL J1043–5749	...	PSR	LAT PSR J1044–5737
J1045.1–5941	161.277	–59.692	287.606	–0.633	0.015	0.014	–51	33.1	17.2	0.7	137.6	7.0	2.13	...	LP	...	...	1FHL J1045.0–5943 2FGL J1045.0–5941 1FGL J1045.2–5942	...	BIN	Eta Carinae

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		0FGL J1045.6–5937			
																		1AGL J1043–5936			
J1045.3–6414	161.330	–64.243	289.753	–4.647	0.227	0.173	–66	6.4	0.8	0.1	11.1	1.8	2.49	0.10	PL	...	1,5	...	...	...	...
J1045.5–2335	161.397	–23.591	269.063	30.878	0.125	0.114	86	4.1	0.3	0.1	3.4	0.9	2.37	0.18	PL	...	...	...	...	...	...
J1045.7–2926	161.443	–29.440	272.616	25.933	0.072	0.063	83	12.9	0.8	0.1	11.1	1.1	2.46	0.08	PL	T	...	2FGL J1045.5–2931	...	fsrq	PKS B1043–291
J1046.9–2531	161.728	–25.526	270.553	29.404	0.072	0.064	–71	5.1	0.3	0.1	3.1	0.9	1.85	0.18	PL	...	...	...	...	bll	NVSS J104651–253547
J1047.3–6005	161.844	–60.098	288.046	–0.862	0.085	0.071	87	9.0	3.5	0.4	26.6	4.0	2.23	...	LP	...	3,5,7	2FGL J1046.8–6005c	...	...	...
																		1AGL J1043–5936			
J1047.6+7240	161.918	72.667	134.735	41.506	0.047	0.039	46	12.0	0.7	0.1	7.5	0.9	2.06	0.10	PL	T	...	1FGL J1048.5+7239	...	bll	GB6 J1047+7238
																		1FHL J1048.3+7241			
																		2FGL J1049.7+7240			
J1047.8–3737	161.968	–37.625	277.451	19.058	0.096	0.079	34	6.3	0.4	0.1	4.5	1.0	1.90	0.18	PL	...	3	...	...	...	...
J1047.8–6216	161.963	–62.283	289.099	–2.778	0.048	0.041	58	18.7	2.8	0.2	36.1	2.4	2.52	...	LP	T	...	2FGL J1047.7–6216	...	bcu	PMN J1047–6217
J1048.2–5832	162.067	–58.535	287.433	0.580	0.013	0.013	–33	79.4	26.6	0.5	201.0	4.5	2.20	...	EC	...	3,5	1FHL J1048.4–5832	...	PSR	PSR J1048–5832
																		2FGL J1048.2–5831			
																		1FGL J1048.2–5832			
																		0FGL J1047.6–5834			
																		3EG J1048–5840			
																		EGR J1048–5839			
J1048.2–5928	162.055	–59.477	287.856	–0.261	0.061	0.058	7	9.4	3.9	0.4	28.8	4.1	3.18	...	LP	...	...	1AGL J1043–5936	...	...	...
J1048.4+7144	162.122	71.742	135.430	42.275	0.029	0.028	23	40.7	2.8	0.1	36.6	1.2	2.39	0.03	PL	T	...	2FGL J1048.3+7144	...	FSRQ	S5 1044+71
																		1FGL J1048.8+7145			
J1048.6+2338	162.172	23.641	213.217	62.126	0.116	0.097	–33	9.0	0.6	0.1	6.7	0.9	2.29	0.10	PL	...	...	2FGL J1048.6+2336	...	bll	NVSS J104900+233821
																		1FGL J1048.7+2335			
J1048.8–5006	162.206	–50.106	283.645	8.117	0.159	0.122	51	4.3	0.4	0.1	5.1	1.2	2.30	0.17	PL	...	...	...	...	...	...
J1049.7+1548	162.433	15.807	228.514	59.610	0.089	0.080	42	7.6	0.4	0.1	4.8	0.8	2.15	0.13	PL	...	...	2FGL J1049.4+1551	...	...	...
J1049.8+1425	162.473	14.431	230.930	58.998	0.125	0.099	–80	7.3	0.4	0.1	5.3	0.8	2.33	0.12	PL	T	...	...	...	bcu	MG1 J104945+1429
J1050.4+0435	162.617	4.599	245.550	53.413	0.088	0.070	4	17.1	1.1	0.1	15.1	1.1	2.47	0.06	PL	T	...	...	...	...	...
J1050.6–6112	162.675	–61.212	288.914	–1.670	0.123	0.099	71	5.1	1.1	0.2	13.4	2.9	2.35	0.10	PL	...	1,5,10	...	...	...	...
J1051.0+5332	162.763	53.549	154.680	55.514	0.390	0.282	–44	4.6	0.1	0.0	3.2	0.7	2.87	0.20	PL	...	...	...	...	...	...
J1051.4+3941	162.861	39.692	178.420	62.167	0.082	0.063	–22	6.3	0.2	0.1	3.3	0.9	1.66	0.17	PL	...	...	2FGL J1051.3+3938	...	bll	RBS 0909
J1051.5–6517	162.876	–65.290	290.822	–5.278	0.072	0.056	42	9.6	1.0	0.1	16.6	2.0	2.60	0.08	PL	...	...	...	...	bcu	PKS 1049–650
J1051.8+0105	162.969	1.088	250.145	51.271	0.051	0.050	62	7.1	0.4	0.1	4.4	0.9	2.07	0.15	PL	...	...	2FGL J1051.8+0107	...	bll	NVSS J105151+010312
																		1FGL J1051.9+0106			
J1052.0+0816	163.018	8.281	241.059	56.058	0.134	0.111	88	4.5	0.3	0.1	3.2	0.8	2.22	0.16	PL	...	...	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1052.8–3741	163.202	–37.695	278.397	19.460	0.154	0.092	–7	5.4	0.4	0.1	4.0	0.9	2.00	0.20	PL	...	...	...	...	bcu	PMN J1053–3743
J1053.7+4929	163.430	49.488	160.255	58.235	0.037	0.036	25	12.5	0.6	0.1	7.0	1.1	1.80	0.10	PL	...	...	1FHL J1053.6+4931 2FGL J1053.6+4928 1FGL J1053.6+4927 0FGL J1053.7+4926	...	bl	GB6 J1053+4930
J1054.2–3123	163.569	–31.392	275.456	25.155	0.263	0.237	–30	5.8	0.3	0.1	5.5	0.9	2.72	0.13	PL	...	1	...	...	...	...
J1054.5+2210	163.646	22.180	217.052	63.057	0.033	0.031	–6	22.7	1.4	0.1	16.4	1.1	2.20	0.06	PL	T	...	1FHL J1054.6+2214 2FGL J1054.5+2212 1FGL J1054.5+2212 0FGL J1054.5+2212	...	bl	87GB 105148.6+222705
J1054.7–6006	163.697	–60.111	288.878	–0.461	0.100	0.077	–14	7.3	2.0	0.3	22.4	4.1	2.18	0.09	PL	...	5	...	...	...	...
J1055.8–6025	163.967	–60.426	289.135	–0.688	0.061	0.049	72	12.7	4.7	0.4	29.5	4.2	2.25	...	EC	...	...	2FGL J1056.2–6021	...	PSR	PSR J1055–6028
J1056.7–5853	164.179	–58.896	288.576	0.741	0.086	0.077	35	16.1	3.5	0.3	31.0	2.6	2.40	...	LP	...	...	2FGL J1056.0–5853	...	...	...
J1057.3–2341	164.343	–23.693	271.826	32.199	0.147	0.121	16	7.0	0.5	0.1	5.9	0.9	2.32	0.11	PL	...	10	...	...	fsrq	PKS B1054–234
J1057.6–2754	164.411	–27.908	274.293	28.560	0.064	0.054	–25	5.5	0.3	0.1	3.2	0.8	1.89	0.18	PL	...	...	...	...	bl	RX J1057.8–2753
J1057.6–4051	164.409	–40.862	280.791	17.067	0.067	0.056	–81	5.6	0.2	0.1	3.2	0.9	1.76	0.22	PL	...	...	...	...	...	...
J1057.7–6624	164.436	–66.403	291.887	–6.001	0.064	0.050	27	9.1	0.9	0.1	12.5	1.7	2.46	0.10	PL	...	3	2FGL J1058.7–6621	...	...	...
J1057.9–5227	164.499	–52.455	285.989	6.644	0.010	0.010	17	200.1	49.4	0.6	289.7	2.8	2.02	...	EC	...	...	2FGL J1057.9–5226 1FGL J1057.9–5226 0FGL J1058.1–5225 3EG J1058–5234 EGR J1058–5221 1AGL J1058–5239	...	PSR	PSR J1057–5226
J1058.1+7010	164.536	70.175	135.858	44.000	0.129	0.115	67	12.4	0.4	0.1	8.7	0.8	2.70	0.08	PL	T	...	2FGL J1057.1+7001	...	fsrq	S5 1053+70
J1058.4+8112	164.621	81.203	127.987	34.787	0.095	0.081	–5	8.6	0.4	0.1	8.3	1.2	2.67	0.10	PL	T	...	2FGL J1059.4+8113	...	fsrq	S5 1053+81
J1058.5+0133	164.626	1.564	251.517	52.775	0.020	0.019	39	55.0	6.5	0.2	65.4	2.5	2.21	...	LP	T	...	1FHL J1058.5+0133 2FGL J1058.4+0133 1FGL J1058.4+0134 0FGL J1057.8+0138	...	BLL	4C +01.28
J1058.5–6106c	164.644	–61.110	289.726	–1.166	0.135	0.121	25	4.9	1.2	0.3	13.5	3.9	2.16	0.16	PL	...	...	2FGL J1059.3–6118c 3EG J1102–6103 EGR J1058–6101	...	...	...
J1058.5–8003	164.631	–80.051	297.995	–18.280	0.030	0.029	–48	39.0	3.6	0.2	35.4	1.6	2.27	...	LP	T	5,6	2FGL J1057.0–8004 1FGL J1058.1–8006 0FGL J1100.2–8000	...	bl	PKS 1057–79

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1058.6+5627	164.665	56.455	149.606	54.438	0.017	0.016	-30	54.6	3.6	0.1	41.2	1.8	1.95	0.03	PL	T	...	1FHL J1058.6+5627 2FGL J1058.6+5628 1FGL J1058.6+5628 0FGL J1058.9+5629	...	BLL	TXS 1055+567
J1059.2-1133	164.803	-11.551	264.100	42.702	0.032	0.029	-4	32.9	2.6	0.1	29.3	1.5	2.14	0.04	PL	T	...	1FHL J1058.8-1134 2FGL J1059.3-1132 1FGL J1059.3-1132	...	bll	PKS B1056-113
J1059.3+0224	164.845	2.417	250.783	53.537	0.102	0.095	-26	6.8	0.6	0.1	7.6	1.4	2.35	0.12	PL	...	...	2FGL J1059.0+0222	...	...	...
J1059.9+2056	164.982	20.946	220.534	63.861	0.110	0.104	61	4.4	0.2	0.1	3.4	0.9	2.57	0.23	PL	...	...	...	...	fsrq	MG2 J105938+2057
J1100.2-2044	165.055	-20.747	270.724	35.076	0.218	0.160	51	4.7	0.3	0.1	3.8	0.8	2.41	0.18	PL	...	...	2FGL J1059.9-2051	...	...	...
J1100.5+4020	165.145	40.338	175.802	63.600	0.067	0.053	-69	9.1	0.4	0.1	4.9	0.9	1.84	0.15	PL	...	...	1FHL J1100.6+4018 2FGL J1100.9+4014	...	bll	RX J1100.3+4019
J1101.3-6032	165.330	-60.542	289.793	-0.510	0.080	0.058	-6	5.1	1.0	0.3	11.3	3.3	1.97	0.16	PL	...	5	3EG J1102-6103	...	...	...
J1101.5+4106	165.385	41.108	174.048	63.477	0.095	0.064	-48	7.1	0.3	0.1	3.7	0.8	1.77	0.17	PL	...	...	...	...	bll	RX J1101.3+4108
J1101.9-6053	165.481	-60.896	290.006	-0.803	0.083	0.054	82	10.6	4.8	0.5	44.6	6.1	2.28	...	LP	...	3,5	3EG J1102-6103	...	spp	...
J1103.1+1155	165.778	11.930	238.515	60.407	0.082	0.066	2	11.4	0.6	0.1	8.4	0.9	2.52	0.09	PL	T	...	...	...	fsrq	TXS 1100+122
J1103.3+5239	165.837	52.662	153.788	57.501	0.213	0.155	-19	6.7	0.2	0.1	4.0	0.6	2.62	0.14	PL	...	...	...	...	...	...
J1103.5-2329	165.895	-23.490	273.178	33.076	0.049	0.043	62	9.0	0.4	0.1	5.8	1.2	1.64	0.14	PL	...	...	1FHL J1103.3-2329 2FGL J1103.4-2330 1FGL J1103.7-2329	P	bll	1ES 1101-232
J1103.9-5357	165.977	-53.954	287.425	5.648	0.029	0.027	-72	32.3	4.2	0.2	38.9	2.2	2.20	...	LP	T	...	1FHL J1104.2-5356 2FGL J1103.9-5356 1FGL J1103.9-5355	...	bll	PKS 1101-536
J1104.3+0730	166.077	7.511	245.673	57.920	0.064	0.060	-78	10.9	0.7	0.1	7.9	1.0	2.19	0.09	PL	...	...	2FGL J1104.3+0729 1FGL J1104.4+0734	...	bll	MG1 J110424+0730
J1104.3-7736c	166.079	-77.611	297.162	-15.956	0.181	0.162	15	6.3	0.6	0.1	8.8	1.4	2.51	0.10	PL	...	1,6	...	...	...	...
J1104.4+3812	166.118	38.210	179.827	65.035	0.007	0.007	-12	190.3	30.3	0.4	383.0	6.9	1.77	0.01	PL	T	...	1FHL J1104.4+3812 2FGL J1104.4+3812 1FGL J1104.4+3812 0FGL J1104.5+3811 3EG J1104+3809 EGR J1104+3813 1AGL J1104+3754	P	BLL	Mkn 421
J1104.9-6036	166.248	-60.609	290.233	-0.389	0.045	0.043	-55	15.4	5.7	0.4	37.2	4.6	2.28	...	LP	...	...	2FGL J1104.7-6036 3EG J1102-6103	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1105.2–6113	166.305	–61.223	290.503	–0.941	0.087	0.067	10	10.9	3.1	0.3	41.9	4.5	2.43	0.06	PL	...	5,10	1AGL J1108–6103 2FGL J1105.6–6114 3EG J1102–6103 1AGL J1108–6103	...	PSR	PSR J1105–6107
J1105.7+4427	166.427	44.456	166.686	62.649	0.076	0.075	–62	5.3	0.2	0.1	2.9	0.6	2.41	0.17	PL	...	...	...	...	...	...
J1105.9+2814	166.495	28.237	204.051	66.673	0.069	0.060	68	19.0	0.9	0.1	13.3	0.9	2.47	0.06	PL	T	...	2FGL J1106.1+2814 1FGL J1106.5+2809	...	fsrq	MG2 J110606+2812
J1106.4–3643	166.604	–36.733	280.529	21.528	0.063	0.054	–40	11.7	0.8	0.1	9.3	1.0	2.29	0.08	PL	...	...	2FGL J1106.3–3643	...	bcu	PMN J1106–3647
J1106.6–1744	166.661	–17.740	270.465	38.437	0.122	0.111	2	5.2	0.4	0.1	3.9	0.9	2.03	0.13	PL	...	1	1FGL J1106.2–1752	...	...	...
J1107.4–4447	166.857	–44.789	284.207	14.268	0.111	0.095	49	13.8	0.9	0.1	17.2	1.3	2.71	0.06	PL	T	...	2FGL J1107.2–4448	...	fsrq	PKS 1104–445
J1107.5+0223	166.886	2.384	253.344	54.922	0.076	0.064	42	6.9	0.4	0.1	4.9	0.9	2.12	0.13	PL	...	...	1FHL J1107.5+0223	...	bll	NVSS J110735+022225
J1107.8+1502	166.960	15.046	234.306	63.065	0.062	0.057	–69	11.7	0.6	0.1	7.0	1.0	1.99	0.10	PL	...	...	2FGL J1107.5+0223 2FGL J1107.8+1505 1FGL J1107.8+1502	...	bll	RX J1107.7+1502
J1109.4+2411	167.365	24.198	214.483	66.875	0.096	0.076	50	6.2	0.3	0.1	3.6	0.8	1.89	0.18	PL	...	...	2FGL J1109.3+2414	...	bll	1ES 1106+2411
J1109.4–4815	167.368	–48.256	285.947	11.224	0.144	0.127	87	6.6	0.5	0.1	7.3	1.2	2.49	0.11	PL	...	...	...	...	bcu	PMN J1109–4815
J1109.6+3734	167.417	37.578	180.491	66.207	0.064	0.055	10	5.0	0.2	0.1	2.2	0.7	1.66	0.22	PL	...	...	...	...	bll	NVSS J110938+373609
J1110.0+7134	167.504	71.573	133.665	43.379	0.067	0.048	63	8.8	0.3	0.1	3.7	0.6	2.03	0.15	PL	...	...	2FGL J1110.2+7134 1FGL J1109.9+7134	...	bll	RX J1110.5+7133
J1110.4–1835	167.620	–18.597	272.013	38.139	0.059	0.056	7	13.0	0.9	0.1	10.1	1.2	2.02	0.08	PL	...	...	2FGL J1110.1–1835 1FGL J1110.2–1839	...	bll	CRATES J1110–1835
J1111.9–6038	167.993	–60.641	291.035	–0.088	0.022	0.021	–34	29.2	11.1	0.5	83.7	5.0	2.16	...	LP	...	5	1FHL J1111.5–6038 2FGL J1112.1–6040 1AGL J1108–6103	...	spp	...
J1111.9–6058	167.978	–60.969	291.151	–0.394	0.048	0.044	19	14.1	5.8	0.6	41.8	5.3	2.21	...	EC	T	...	1AGL J1108–6103 1FHL J1112.5–6105 2FGL J1112.5–6105	...	PSR	PSR J1112–6103
J1112.0–6135	168.017	–61.584	291.398	–0.958	0.099	0.068	–2	15.7	5.0	0.4	43.8	3.9	2.38	...	LP	...	7	1AGL J1108–6103	...	...	...
J1112.1+0500	168.034	5.010	251.588	57.616	0.066	0.060	64	5.3	0.3	0.1	3.7	0.9	2.09	0.17	PL	...	...	1FGL J1112.3+0458	...	...	...
J1112.1+1034	168.039	10.574	243.480	61.370	0.126	0.118	31	4.7	0.3	0.1	3.7	0.9	2.48	0.18	PL	...	...	...	...	...	...
J1112.4+3449	168.116	34.823	186.840	67.506	0.060	0.046	–60	24.5	1.3	0.1	14.7	1.0	2.39	...	LP	T	...	2FGL J1112.4+3450 1FGL J1112.8+3444	...	fsrq	TXS 1109+350
J1112.6+1749	168.154	17.820	229.979	65.407	0.093	0.068	–25	4.6	0.1	0.1	2.2	0.8	1.47	0.36	PL	...	...	...	...	bll	1RXS J111224.2+175131
J1113.1–4515	168.286	–45.251	285.352	14.239	0.119	0.118	26	4.2	0.4	0.1	4.3	1.1	2.32	0.16	PL	...	...	...	...	...	...
J1115.0–0701	168.761	–7.028	265.110	48.636	0.054	0.051	–1	10.0	0.6	0.1	6.9	1.0	2.11	0.11	PL	T	...	1FHL J1115.0–0701	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1116.7–4854	169.182	–48.901	287.328	11.080	0.263	0.197	85	5.1	0.4	0.1	6.1	1.2	2.46	0.13	PL	...	1	2FGL J1115.0–0701 2FGL J1117.2–4844	...	...	...
J1117.0+2014	169.274	20.233	225.589	67.370	0.027	0.024	–71	26.4	1.7	0.1	20.5	1.7	1.87	0.05	PL	T	...	1FHL J1117.2+2013 2FGL J1117.2+2013 1FGL J1117.1+2013	...	bll	RBS 0958
J1117.2–5338	169.307	–53.648	289.136	6.681	0.050	0.049	21	10.4	0.9	0.1	9.6	1.3	2.00	0.10	PL	...	3	2FGL J1117.2–5341 1FGL J1117.0–5339	...	...	...
J1117.3+2546	169.330	25.781	211.238	68.922	0.161	0.131	20	5.0	0.3	0.1	2.9	0.7	2.15	0.18	PL	...	...	...	...	bll	RX J1117.6+2548
J1117.7+0217	169.439	2.284	256.864	56.531	0.087	0.079	–37	6.1	0.4	0.1	4.2	0.9	2.15	0.14	PL	...	...	...	...	...	...
J1117.7–4632	169.449	–46.542	286.621	13.343	0.132	0.090	–56	7.5	0.6	0.1	8.2	1.2	2.43	0.09	PL	...	...	2FGL J1118.1–4629	...	fsrq	PKS 1116–46
J1117.9+5355	169.497	53.929	149.209	58.170	0.035	0.032	38	16.2	0.7	0.1	8.1	0.9	1.93	0.08	PL	...	...	1FHL J1117.7+5355	...	bll	NVSS J111757+535553
J1118.2–0411	169.572	–4.199	263.699	51.435	0.132	0.119	20	11.7	0.7	0.1	11.4	1.1	2.57	0.08	PL	T	...	2FGL J1118.0+5354 1FGL J1118.0+5354	...	agn	PMN J1118–0413
J1119.1–6127	169.794	–61.466	292.146	–0.542	0.029	0.027	–86	27.0	6.7	0.3	84.9	3.8	2.36	0.03	PL	...	...	2FGL J1118.8–6128 1FGL J1119.4–6127c	E	PSR	PSR J1119.1–6127
J1119.7–3046	169.937	–30.778	280.641	28.095	0.090	0.078	–85	4.5	0.1	0.1	2.5	0.9	1.54	0.23	PL	...	...	1FGL J1119.5–3044	...	bll	1RXS J111941.0–304652
J1119.8–2647	169.971	–26.790	278.832	31.761	0.080	0.073	–33	5.6	0.3	0.1	3.4	0.9	1.83	0.20	PL	...	...	...	...	...	...
J1119.9–2204	169.984	–22.067	276.470	36.059	0.042	0.039	89	30.2	2.7	0.2	16.8	1.0	2.18	...	LP	...	...	2FGL J1120.0–2204 1FGL J1119.9–2205	...	...	...
J1120.6+0713	170.172	7.223	251.532	60.685	0.073	0.068	82	13.2	1.1	0.1	6.1	0.8	2.12	...	LP	...	...	2FGL J1120.4+0710 1FGL J1120.4+0710	...	...	...
J1120.8+4212	170.210	42.205	167.841	66.168	0.026	0.024	7	23.5	1.2	0.1	17.3	1.8	1.62	0.06	PL	...	...	1FHL J1120.9+4211 2FGL J1121.0+4211 1FGL J1121.0+4209	...	bll	RBS 0970
J1121.4–0554	170.367	–5.902	266.235	50.448	0.038	0.036	65	29.3	2.2	0.1	28.5	1.4	2.37	0.04	PL	T	...	2FGL J1121.5–0554 1FGL J1121.5–0554	...	fsrq	PKS 1118–05
J1123.2–6415	170.808	–64.261	293.536	–3.010	0.084	0.073	54	14.0	1.3	0.4	26.3	2.1	2.61	...	LP	T	...	1FGL J1122.9–6415	...	bcu	AT20G J112319–641735
J1123.3–2529	170.841	–25.494	279.060	33.262	0.147	0.113	61	5.9	0.4	0.1	4.6	0.9	2.29	0.14	PL	...	...	0FGL J1123.0–6416 2FGL J1123.3–2527 1FGL J1123.6–2528	...	...	...
J1123.6+7231	170.900	72.525	131.773	43.063	0.070	0.068	–87	4.7	0.1	0.1	1.7	0.6	1.59	0.35	PL	...	...	...	...	bll	RX J1123.8+7230
J1123.6–4558	170.915	–45.968	287.388	14.237	0.227	0.113	6	4.1	0.4	0.1	4.2	1.0	2.19	0.14	PL	...	9	1FGL J1123.6–4555	...	...	...
J1123.9–3653	170.990	–36.891	284.084	22.759	0.040	0.037	83	21.7	2.2	0.2	13.2	1.1	2.07	...	EC	...	...	2FGL J1124.2–3654 1FGL J1124.4–3654	...	PSR	PSR J1124–3653

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1124.1+2337	171.037	23.628	218.152	70.002	0.087	0.084	29	9.7	0.5	0.1	6.7	0.8	2.46	0.10	PL	...	...	2FGL J1124.2+2338 1FGL J1123.9+2339	...	fsrq	OM 235
J1124.5-5915	171.128	-59.254	292.016	1.763	0.029	0.027	53	35.1	6.8	0.3	61.3	3.1	2.36	...	EC	...	...	2FGL J1124.6-5913 1FGL J1124.6-5916	...	PSR	PSR J1124-5916
J1124.9+4932	171.248	49.544	153.656	62.110	0.053	0.049	-19	7.8	0.3	0.1	3.5	0.7	1.80	0.15	PL	...	...	2FGL J1125.2+4933	...	bll	GB6 J1124+4933
J1125.0-2101	171.255	-21.022	277.259	37.504	0.067	0.051	15	8.4	0.4	0.1	5.3	1.1	1.78	0.14	PL	...	...	...	...	bcu	PMN J1125-2100
J1125.1-5803	171.295	-58.064	291.707	2.916	0.080	0.059	-35	4.6	0.4	0.2	4.9	1.5	1.88	0.24	PL	...	...	...	...	...	...
J1125.3-5824	171.342	-58.406	291.842	2.601	0.070	0.060	-20	6.6	1.1	0.2	14.5	2.7	2.39	0.11	PL	...	...	2FGL J1125.0-5821	...	PSR	PSR J1125-5825
J1125.5-3558	171.382	-35.970	284.046	23.731	0.052	0.043	76	12.8	0.9	0.1	10.3	1.3	1.88	0.09	PL	T	...	1FHL J1125.9-3557 2FGL J1125.6-3559 1FGL J1125.5-3559	...	bll	PMN J1125-3556
J1125.6-6012	171.403	-60.209	292.460	0.906	0.064	0.055	-90	5.6	0.9	0.2	11.8	2.5	2.37	0.11	PL	...	...	...	...	psr	PSR J1125-6014
J1125.8-0745	171.472	-7.752	269.181	49.431	0.107	0.100	-81	5.1	0.3	0.1	3.3	0.8	1.95	0.18	PL	...	1	2FGL J1126.0-0743 1FGL J1126.0-0741	...	bll	1RXS J112551.6-074219
J1125.9+2007	171.478	20.131	228.031	69.235	0.139	0.115	-75	5.1	0.3	0.1	3.4	0.7	2.31	0.15	PL	...	...	...	...	fsrq	4C +20.25 ₄
J1126.7-3834	171.689	-38.572	285.281	21.380	0.093	0.088	8	6.4	0.4	0.1	5.2	0.9	2.26	0.12	PL	...	...	...	...	bcu	PKS 1124-382
J1126.8-5001	171.725	-50.024	289.301	10.597	0.163	0.149	73	7.1	0.5	0.1	7.4	1.1	2.43	0.11	PL	...	...	...	...	...	...
J1127.0-1857	171.763	-18.956	276.720	39.582	0.020	0.019	77	76.3	7.3	0.2	74.4	2.1	2.24	...	LP	T	...	1FGL J1126.8-1854 1FHL J1127.1-1855 2FGL J1126.6-1856	...	fsrq	PKS 1124-186
J1127.8+3618	171.962	36.308	180.349	70.054	0.060	0.056	-44	14.5	0.9	0.1	11.2	1.0	2.35	0.07	PL	T	...	2FGL J1127.6+3622	...	fsrq	MG2 J112758+3620
J1128.0+5921	172.003	59.351	141.243	54.712	0.193	0.162	33	4.8	0.2	0.0	3.4	0.7	2.72	0.17	PL	...	...	...	...	fsrq	TXS 1125+596
J1128.6-5434	172.161	-54.579	291.037	6.369	0.358	0.258	-4	8.5	0.1	0.1	9.4	1.3	2.85	...	LP	...	1,3	...	...	...	...
J1128.7-6232	172.194	-62.535	293.563	-1.177	0.229	0.170	40	8.6	2.4	0.4	18.2	2.5	2.32	...	LP	...	3,4	1FGL J1127.7-6244c	...	...	...
J1129.0+3705	172.271	37.095	177.945	69.980	0.060	0.053	-43	8.7	0.5	0.1	5.1	0.9	2.08	0.13	PL	T	...	...	...	bll	MG2 J112910+3702
J1129.0+3758	172.253	37.972	175.663	69.596	0.062	0.057	69	10.3	0.7	0.1	8.4	1.2	2.29	0.10	PL	...	...	2FGL J1129.5+3758 1FGL J1129.3+3757	...	...	...
J1129.4-4215	172.358	-42.262	287.110	18.076	0.135	0.122	74	5.6	0.3	0.1	5.0	0.9	2.48	0.13	PL	...	1	...	...	bcu	SUMSS J113006-421441
J1129.9-1446	172.499	-14.774	275.215	43.671	0.082	0.079	-75	22.1	0.9	0.1	19.8	1.0	2.79	0.05	PL	T	...	2FGL J1130.3-1448 1FGL J1130.2-1447 0FGL J1129.8-1443	...	fsrq	PKS 1127-14
J1130.7-7800	172.682	-78.010	298.661	-15.813	0.074	0.064	86	7.4	0.4	0.1	5.6	1.1	1.74	0.14	PL	...	...	1FHL J1129.2-7759	...	...	...
J1131.1+5810	172.780	58.168	141.787	55.922	0.063	0.063	-19	10.6	0.4	0.1	5.2	0.7	2.28	0.12	PL	...	...	1FHL J1130.4+5814 2FGL J1130.9+5809	...	bll	1RXS J113117.8+580911
J1131.4+3819	172.850	38.330	174.126	69.852	0.247	0.162	35	5.5	0.4	0.1	6.0	1.1	2.57	0.12	PL	...	5	...	...	fsrq	B2 1128+38

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1131.9–0503	172.999	–5.056	269.139	52.525	0.113	0.091	84	8.8	0.5	0.1	8.2	1.0	2.66	0.11	PL	...	3	...	...	bcu	PKS 1128–047
J1132.0–4736	173.012	–47.602	289.335	13.163	0.081	0.067	66	5.7	0.4	0.1	4.5	0.9	2.11	0.14	PL	...	1	...	...	...	...
J1132.7+0034	173.186	0.575	264.247	57.413	0.036	0.034	–2	27.5	2.1	0.1	23.6	1.5	2.07	0.04	PL	...	...	1FHL J1132.6+0036 2FGL J1132.9+0033 1FGL J1133.1+0033 3EG J1133+0033	...	bll	PKS B1130+008
J1132.8+1015	173.211	10.258	251.527	64.955	0.533	0.492	18	5.2	0.2	0.1	4.7	0.9	2.72	0.17	PL	...	1,9	...	...	fsrq	4C +10.33
J1135.2–6054	173.818	–60.913	293.806	0.602	0.031	0.029	–34	27.8	6.0	0.3	47.4	2.6	2.30	...	EC	...	...	2FGL J1135.3–6054 1FGL J1134.8–6055	...	PSR	LAT PSR J1135–6055
J1136.1+7523	174.044	75.388	129.104	40.825	0.135	0.109	54	4.3	0.2	0.0	2.3	0.6	2.30	0.23	PL	...	3	...	...	PSR	PSR J1137+7528
J1136.1–7411	174.034	–74.199	297.777	–12.086	0.111	0.091	60	10.0	0.8	0.1	11.2	1.2	2.48	0.08	PL	...	...	2FGL J1134.4–7415	...	bcu	PKS 1133–739
J1136.4+3405	174.110	34.098	184.954	72.459	0.129	0.109	–4	8.1	0.2	0.1	5.8	0.8	2.83	0.12	PL	...	...	...	...	fsrq	MG2 J113627+3408
J1136.6+6736	174.157	67.608	133.443	47.964	0.035	0.034	64	15.3	0.6	0.1	7.9	1.1	1.72	0.08	PL	...	...	1FGL J1136.2+6739 1FHL J1135.7+6736 2FGL J1136.3+6736	P	bll	RX J1136.5+6737
J1136.6+7009	174.153	70.152	131.894	45.652	0.024	0.020	–10	27.2	1.3	0.1	16.0	1.3	1.82	0.05	PL	...	...	1FHL J1136.4+7009 2FGL J1136.7+7009 1FGL J1136.6+7009	P	bll	Mkn 180
J1136.6–6826	174.173	–68.438	296.126	–6.560	0.112	0.099	–76	7.8	0.6	0.1	12.1	1.6	2.71	0.11	PL	...	...	2FGL J1135.2–6829	...	bcu	PKS 1133–681
J1136.9+2551	174.235	25.861	213.056	73.299	0.056	0.043	70	7.1	0.2	0.1	3.4	0.9	1.68	0.22	PL	...	...	1FHL J1137.0+2553 2FGL J1137.0+2553 1FGL J1136.9+2551	...	bll	RX J1136.8+2551
J1138.2+4905	174.553	49.099	150.783	63.881	0.232	0.182	73	5.4	0.1	0.0	3.7	0.7	2.85	0.18	PL	...	...	...	...	bcu	GB6 J1138+4858
J1139.0–6244	174.751	–62.737	294.746	–1.022	0.053	0.041	–55	12.2	2.7	0.3	32.6	3.0	2.27	0.06	PL	...	3	2FGL J1138.8–6233c	...	...	...
J1140.4+1529	175.100	15.498	244.510	69.818	0.058	0.053	23	5.2	0.1	0.1	2.7	1.0	1.26	0.28	PL	...	...	...	...	bll	NVSS J114023+152808
J1141.2+6805	175.324	68.099	132.545	47.699	0.067	0.050	60	7.1	0.2	0.0	2.9	0.7	1.61	0.16	PL	...	...	2FGL J1141.0+6803	...	bcu	1RXS J114118.3+680433
J1141.6–1406	175.423	–14.116	278.477	45.418	0.108	0.070	57	7.6	0.5	0.1	5.3	0.9	2.18	0.13	PL	...	...	2FGL J1141.7–1404	...	bcu	1RXS J114142.2–140757
J1142.0+1546	175.501	15.782	244.552	70.297	0.054	0.051	37	10.2	0.7	0.1	8.4	0.9	2.30	0.09	PL	...	...	1FGL J1141.8–1403 2FGL J1141.9+1550 1FGL J1141.8+1549	...	bll	MG1 J114208+1547
J1142.1–6941	175.532	–69.685	296.944	–7.623	0.153	0.132	–43	4.3	0.4	0.1	6.6	1.5	2.66	0.16	PL	...	...	...	...	...	...
J1142.9+0120	175.742	1.349	267.576	59.437	0.058	0.052	13	13.7	1.0	0.1	6.2	0.8	1.95	...	EC	...	...	2FGL J1142.9+0121 1FGL J1142.7+0127	...	PSR	PSR J1142+0119
J1143.0+6123	175.774	61.384	136.740	53.874	0.045	0.040	62	17.1	0.9	0.1	9.5	0.9	2.02	0.07	PL	...	...	2FGL J1143.1+6119	...	bll	87GB 114026.7+613850
J1145.1+1935	176.287	19.594	235.789	73.046	0.087	0.077	69	5.7	0.3	0.1	3.0	0.7	1.98	0.20	PL	...	...	...	...	rdg	3C 264

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1145.8+4425	176.462	44.421	155.931	68.271	0.149	0.106	-48	4.1	0.2	0.1	2.1	0.7	1.85	0.20	PL	...	...	...	...	fsrq	B3 1143+446A
J1146.1-0640	176.547	-6.683	275.534	52.683	0.096	0.076	-24	6.0	0.3	0.1	3.9	0.9	1.92	0.17	PL	...	...	...	...	...	...
J1146.8+3958	176.724	39.970	164.995	71.464	0.027	0.026	-17	48.7	3.3	0.1	41.1	1.3	2.32	0.03	PL	T	...	1FHL J1146.9+3958	...	fsrq	S4 1144+40
																		2FGL J1146.9+4000			
																		1FGL J1146.8+4004			
J1147.0-3811	176.764	-38.185	289.242	22.970	0.042	0.040	-48	22.4	1.7	0.1	19.7	1.2	2.25	0.05	PL	T	...	2FGL J1146.8-3812	...	fsrq	PKS 1144-379
																		1FGL J1146.9-3812			
																		0FGL J1146.7-3808			
J1147.8-0725	176.961	-7.425	276.643	52.170	0.050	0.041	-61	18.0	1.4	0.1	17.1	1.3	2.32	0.06	PL	T	...	2FGL J1147.7-0724	...	fsrq	PKS 1145-071
																		1FGL J1147.7-0722			
J1149.1+2815	177.295	28.251	204.670	76.182	0.145	0.120	-16	5.0	0.2	0.1	3.8	0.8	2.58	0.20	PL	...	...	...	...	...	...
J1149.5+2443	177.376	24.722	219.275	75.878	0.156	0.106	24	4.2	0.3	0.1	3.7	1.1	2.11	0.22	PL	...	5	...	...	bll	RX J1149.5+2439
J1150.3+2417	177.599	24.295	221.181	75.971	0.043	0.042	32	16.4	1.4	0.1	16.0	1.4	2.21	0.06	PL	...	...	1FHL J1150.8+2419	...	bll	OM 280
																		2FGL J1150.1+2419			
																		1FGL J1150.2+2419			
J1150.5+4155	177.635	41.920	159.109	70.669	0.022	0.021	-15	34.0	2.2	0.1	27.6	2.0	1.76	0.04	PL	...	...	1FHL J1150.5+4155	...	bll	RBS 1040
																		2FGL J1150.5+4154			
																		1FGL J1150.5+4152			
J1150.7-4816	177.692	-48.283	292.623	13.371	0.085	0.080	-26	4.3	0.3	0.1	3.6	0.9	2.33	0.15	PL	...	...	...	...	...	...
J1151.4+5858	177.861	58.981	136.911	56.490	0.028	0.027	-9	17.5	0.8	0.1	9.2	1.0	1.92	0.08	PL	...	...	1FHL J1151.5+5857	...	bll	TXS 1148+592
																		2FGL J1151.5+5857			
																		1FGL J1151.6+5857			
J1151.4-1346	177.855	-13.783	281.477	46.573	0.062	0.054	45	7.2	0.4	0.1	4.4	0.9	1.98	0.17	PL	...	...	2FGL J1151.5-1347	...	bll	PMN J1151-1347
																		1FGL J1151.4-1345			
J1151.5+0957	177.884	9.965	260.648	67.774	0.218	0.152	-84	4.2	0.3	0.1	3.1	0.8	2.22	0.21	PL	...	...	...	...	...	...
J1151.8-6108	177.955	-61.144	295.801	0.900	0.105	0.094	60	6.1	1.0	0.2	13.4	2.2	2.43	0.11	PL	...	1,3,10	...	...	...	...
J1152.3-0841	178.084	-8.692	279.086	51.422	0.069	0.067	22	13.0	0.9	0.1	11.9	1.1	2.44	0.08	PL	T	...	2FGL J1152.4-0840	...	fsrq	PKS B1149-084
																		1FGL J1152.2-0836			
J1153.4+4033	178.361	40.557	160.953	72.013	0.136	0.082	62	5.8	0.3	0.1	3.2	0.8	1.77	0.16	PL	...	...	...	...	fsrq	B3 1151+408
J1153.4+4932	178.350	49.536	145.530	64.969	0.033	0.033	55	42.5	2.3	0.1	29.2	1.0	2.38	0.03	PL	T	...	2FGL J1153.2+4935	...	FSRQ	OM 484
J1153.7-2555	178.430	-25.930	287.025	35.153	0.082	0.072	-8	4.2	0.2	0.1	2.7	0.8	2.01	0.19	PL	...	...	...	...	bcu	PMN J1153-2553
J1154.0-3243	178.512	-32.723	289.195	28.613	0.041	0.037	3	16.2	1.2	0.1	13.1	1.2	2.05	0.06	PL	...	...	2FGL J1154.1-3242	...	bcu	PKS 1151-324
																		1FGL J1154.2-3242			
J1154.2-0010	178.553	-0.178	273.869	59.426	0.052	0.050	72	9.4	0.4	0.1	5.9	1.2	1.68	0.15	PL	...	...	1FHL J1154.0-0010	...	bll	1RXS J115404.9-001008
																		2FGL J1154.0-0010			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1154.3+6023	178.590	60.387	135.302	55.349	0.116	0.093	43	10.4	0.4	0.1	8.0	0.9	2.66	0.09	PL	T	...	1FGL J1154.0-0008 2FGL J1154.4+6019 1FGL J1152.1+6027	...	fsrq	RX J1154.0+6022
J1155.3-1112	178.827	-11.203	281.530	49.322	0.051	0.048	39	5.4	0.2	0.1	2.9	1.0	1.53	0.20	PL	...	...	...	...	...	...
J1155.4-3417	178.862	-34.299	289.955	27.158	0.044	0.041	-34	6.2	0.1	0.1	3.0	1.0	1.34	0.22	PL	...	...	...	...	bcu	NVSS J115520-341718
J1155.9+6136	178.975	61.603	134.208	54.293	0.139	0.100	-74	4.5	0.2	0.0	2.3	0.7	1.65	0.19	PL	...	...	...	...	bll	SDSS J115548.40+613553.8
J1156.7-2250	179.181	-22.847	286.809	38.306	0.066	0.060	69	6.0	0.3	0.1	4.0	1.0	1.89	0.17	PL	...	...	...	...	bcu	NVSS J115633-225004
J1158.8+0941	179.719	9.687	265.042	68.600	0.111	0.072	-2	10.5	0.7	0.1	7.8	1.0	2.04	0.10	PL	...	...	2FGL J1158.8+0939	...	bll	GB6 J1158+0937
J1158.9+0818	179.733	8.313	267.059	67.451	0.064	0.061	-48	5.4	0.2	0.1	2.7	0.7	1.87	0.20	PL	...	...	...	...	bcu	RX J1158.8+0819
J1159.2-2141	179.825	-21.684	287.153	39.584	0.056	0.051	20	14.7	1.3	0.1	16.0	1.5	2.36	0.07	PL	T	...	2FGL J1159.3-2142	...	fsrq	PMN J1159-2142
J1159.3-2226	179.826	-22.440	287.407	38.855	0.049	0.046	-65	17.9	1.7	0.1	22.4	1.7	2.37	0.05	PL	T	...	2FGL J1159.0-2226	...	bcu	PKS 1156-221
J1159.5+2914	179.882	29.238	199.453	78.375	0.017	0.016	-60	93.4	8.4	0.2	83.4	2.2	2.21	...	LP	T	...	1FHL J1159.6+2913 2FGL J1159.5+2914 1FGL J1159.4+2914 0FGL J1159.2+2912 3EG J1200+2847	...	fsrq	Ton 599 - 67 -
J1159.6-0723	179.906	-7.392	281.112	53.270	0.071	0.068	-63	8.4	0.5	0.1	6.1	1.0	2.10	0.13	PL	...	...	...	...	bcu	PMN J1159-0723
J1200.4+0202	180.111	2.042	274.817	62.097	0.068	0.064	-7	8.8	0.5	0.1	5.7	0.9	2.04	0.12	PL	...	...	2FGL J1200.0+0159 1FGL J1159.8+0200	...	...	...
J1200.8+1228	180.221	12.476	261.514	71.160	0.082	0.072	8	7.3	0.4	0.1	4.8	0.8	2.25	0.13	PL	...	...	...	...	bcu	GB6 J1200+1230
J1200.9+2010	180.244	20.180	241.289	76.530	0.127	0.104	-37	6.8	0.3	0.1	5.1	0.8	2.52	0.13	PL	...	...	...	...	bcu	TXS 1158+204
J1200.9-1432	180.243	-14.539	285.021	46.570	0.108	0.089	54	4.7	0.3	0.1	3.8	0.9	2.25	0.22	PL	...	...	...	...	...	...
J1203.1+6029	180.799	60.498	133.436	55.636	0.054	0.047	89	15.6	0.8	0.1	8.9	0.8	2.21	0.08	PL	...	...	1FHL J1203.2+6028 2FGL J1203.2+6030 1FGL J1202.9+6032	...	bll	SBS 1200+608
J1203.2+3847	180.805	38.790	160.715	74.593	0.122	0.107	57	4.8	0.2	0.1	2.9	0.7	2.43	0.18	PL	...	...	...	...	bll	NVSS J120257+385147
J1203.5-3925	180.882	-39.425	292.939	22.515	0.046	0.045	-65	7.3	0.3	0.1	4.2	1.0	1.64	0.15	PL	...	...	...	...	bcu	PMN J1203-3926
J1203.9-1745	180.979	-17.762	287.210	43.655	0.114	0.097	79	5.1	0.3	0.1	3.7	0.8	2.17	0.15	PL	...	...	...	...	...	...
J1203.9-6243	180.996	-62.727	297.527	-0.354	0.050	0.045	-74	14.8	4.8	0.4	43.6	4.3	2.41	...	LP	...	5	2FGL J1203.6-6243c	...	psr	PSR J1203-63
J1204.0+1144	181.012	11.739	264.780	71.011	0.072	0.067	-12	8.3	0.5	0.1	5.5	1.0	1.88	0.13	PL	...	...	2FGL J1204.2+1144	...	bll	1RXS J120413.0+114549
J1204.3-0708	181.094	-7.141	282.857	53.886	0.040	0.039	10	15.8	1.0	0.1	12.4	1.4	1.86	0.08	PL	...	...	1FGL J1204.4+1139 1FHL J1204.4-0708	...	bll	1RXS J120417.0-070959
J1205.4+0412	181.374	4.213	275.358	64.597	0.249	0.201	84	5.0	0.2	0.1	4.3	0.8	2.64	0.16	PL	...	...	2FGL J1204.3-0711 1FGL J1204.3-0714	...	fsrq	MG1 J120448+0408

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1205.8–2636	181.464	–26.602	290.453	35.162	0.076	0.070	–32	11.6	0.8	0.1	11.7	1.2	2.54	0.08	PL	T	...	2FGL J1206.0–2638 1FGL J1205.9–2637	...	fsrq	PKS 1203–26
J1205.9+3315	181.483	33.255	178.232	78.426	0.134	0.109	–59	4.9	0.2	0.1	3.6	0.8	2.71	0.19	PL	...	...	...	...	...	...
J1206.4–7123	181.624	–71.397	299.326	–8.841	0.250	0.188	–83	6.7	0.4	0.1	8.3	1.2	2.68	0.11	PL	...	1,4	...	...	...	...
J1207.2–5052	181.824	–50.870	295.854	11.394	0.099	0.090	29	7.7	0.7	0.1	7.9	1.2	2.14	0.10	PL	...	...	2FGL J1207.3–5055 1FGL J1207.0–5055	...	psr	PSR J1207–5050
J1207.6–2232	181.920	–22.540	289.858	39.218	0.141	0.124	–77	6.7	0.4	0.1	6.8	1.1	2.57	0.12	PL	...	...	...	...	bcu	NVSS J120738–223250
J1207.6–4537	181.913	–45.628	294.969	16.566	0.157	0.130	9	4.6	0.4	0.1	4.2	0.9	2.11	0.13	PL	...	...	...	...	bcu	PMN J1207–4531
J1208.0–6901	182.010	–69.026	299.044	–6.482	0.146	0.113	–76	6.0	0.5	0.1	7.5	1.3	2.48	0.11	PL	...	1	...	...	...	...
J1208.2–7810c	182.074	–78.168	300.651	–15.488	0.077	0.076	–1	4.9	0.4	0.1	4.1	1.0	2.15	0.18	PL	...	6	...	...	bcu	PKS 1205–778
J1208.4–6239	182.120	–62.661	298.023	–0.200	0.039	0.037	–31	16.2	5.9	0.5	37.0	4.9	2.36	...	LP	...	...	2FGL J1208.5–6240	...	...	...
J1208.7+5442	182.188	54.707	135.822	61.340	0.042	0.040	48	37.2	1.6	0.1	24.2	0.9	2.54	0.04	PL	T	...	2FGL J1208.8+5441 1FGL J1209.3+5444	...	fsrq	TXS 1206+549
J1209.1–5224	182.279	–52.404	296.402	9.931	0.161	0.126	–15	4.8	0.4	0.1	5.2	1.1	2.35	0.14	PL	...	...	...	...	spp	...
J1209.4+4119	182.354	41.332	151.533	73.381	0.054	0.051	–46	9.9	0.4	0.1	5.1	0.8	1.94	0.12	PL	...	...	2FGL J1209.6+4121 1FGL J1209.4+4119	...	bl	B3 1206– 9 16
J1209.8+1810	182.469	18.178	253.841	76.896	0.053	0.048	–46	12.8	0.8	0.1	9.3	1.0	2.30	0.08	PL	T	...	2FGL J1209.7+1807 1FGL J1209.7+1806	...	fsrq	MG1 J120953+1809
J1209.9+7607	182.477	76.124	126.202	40.739	0.082	0.079	–49	7.4	0.3	0.1	3.8	0.6	2.40	0.14	PL	...	...	...	...	...	...
J1210.1–2742	182.546	–27.714	291.876	34.270	0.121	0.114	66	6.8	0.4	0.1	7.2	1.1	2.59	0.13	PL	T	9	...	...	...	...
J1211.8+6413	182.973	64.224	129.955	52.362	0.099	0.086	4	4.5	0.2	0.0	2.3	0.6	2.43	0.20	PL	...	...	...	...	...	...
J1212.2–6251	183.068	–62.852	298.482	–0.319	0.080	0.057	–57	8.5	3.2	0.4	46.5	6.4	2.49	0.07	PL	...	5	...	...	spp	...
J1212.6+5135	183.150	51.597	136.994	64.458	0.137	0.093	2	5.5	0.3	0.1	3.1	0.6	2.19	0.15	PL	...	...	...	...	bl	1RXS J121301.8+512942
J1213.1–2619	183.300	–26.325	292.362	35.761	0.083	0.074	–55	5.9	0.4	0.1	4.2	1.0	1.89	0.20	PL	...	...	2FGL J1213.2–2616	...	bl	RBS 1080
J1213.7+1306	183.433	13.102	268.918	73.432	0.160	0.130	16	9.1	0.5	0.1	7.2	0.9	2.52	0.10	PL	...	...	2FGL J1214.6+1309	...	fsrq	4C +13.46
J1213.9–4412	183.486	–44.215	295.877	18.142	0.102	0.091	–10	8.1	0.6	0.1	7.6	1.1	2.27	0.10	PL	...	...	2FGL J1214.1–4410 1FGL J1213.6–4424	...	...	...
J1214.0–6236	183.502	–62.612	298.643	–0.052	0.045	0.038	76	13.9	5.3	0.4	44.3	6.0	2.33	...	LP	...	...	2FGL J1214.0–6237 1FGL J1213.7–6240c	...	spp	...
J1214.4–2315	183.602	–23.263	291.998	38.822	0.136	0.103	–7	5.8	0.4	0.1	5.3	1.0	2.38	0.15	PL	...	...	1FGL J1214.4–2305	...	...	...
J1215.0+5002	183.774	50.036	137.405	66.058	0.049	0.045	56	10.3	0.4	0.1	5.1	0.8	1.92	0.11	PL	...	...	2FGL J1214.9+5004 1FGL J1214.9+5004	...	bl	NVSS J121500+500216
J1215.1+1658	183.778	16.971	261.473	76.820	0.086	0.073	1	9.5	0.6	0.1	6.9	0.9	2.32	0.09	PL	...	...	2FGL J1214.8+1653	...	fsrq	TXS 1212+171
J1215.9–1926	183.992	–19.435	291.534	42.650	0.275	0.211	84	4.7	0.3	0.1	4.3	0.9	2.41	0.17	PL	...	...	...	...	...	...
J1216.6–0557	184.161	–5.965	287.389	55.854	0.313	0.274	43	4.1	0.3	0.1	4.6	1.0	2.48	0.17	PL	...	...	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1223.3+0818	185.840	8.313	282.182	70.046	0.098	0.081	-30	6.4	0.4	0.1	4.1	0.9	1.98	0.16	PL	...	...	...	...	...	...
J1223.3-3028	185.843	-30.471	295.800	32.012	0.164	0.098	-44	4.4	0.3	0.1	3.2	0.9	1.89	0.22	PL	...	...	1FGL J1223.4-3034	...	bcu	NVSS J122337-303246
J1224.5+2436	186.136	24.611	234.030	83.449	0.045	0.042	-20	13.4	0.7	0.1	8.2	1.1	1.89	0.09	PL	...	...	1FHL J1224.5+2437 2FGL J1224.4+2436	P	bll	MS 1221.8+2452
J1224.5+4957	186.127	49.960	133.875	66.592	0.182	0.128	-14	6.4	0.3	0.1	4.5	0.8	2.46	0.13	PL	...	...	...	...	fsrq	SBS 1221+503
J1224.6+4332	186.158	43.546	139.468	72.712	0.115	0.094	16	11.2	0.4	0.1	6.9	0.7	2.64	0.09	PL	...	...	2FGL J1225.0+4335 1FGL J1225.8+4336 3EG J1227+4302	...	bll	B3 1222+438
J1224.6-8312	186.165	-83.209	302.090	-20.381	0.127	0.110	10	7.5	0.4	0.1	8.6	1.2	2.69	0.11	PL	...	...	2FGL J1228.7-8310	...	bcu	PKS 1221-82
J1224.9+2122	186.226	21.382	255.059	81.662	0.010	0.010	90	219.7	25.5	0.4	283.9	3.4	2.29	...	LP	T	...	1FHL J1224.8+2122 2FGL J1224.9+2122 1FGL J1224.7+2121 3EG J1224+2118	P	FSRQ	4C +21.35
J1225.4-3448	186.356	-34.807	296.900	27.760	0.055	0.053	-6	4.8	0.2	0.1	2.5	0.8	1.76	0.24	PL	...	...	...	...	...	...
J1225.7-7314	186.440	-73.241	301.053	-10.463	0.079	0.071	-55	5.4	0.5	0.1	5.8	1.2	2.31	0.14	PL	...	1	...	...	bcu	PMN J1225-7313
J1225.9+2953	186.496	29.890	185.152	83.765	0.054	0.049	-45	17.4	1.4	0.1	8.7	1.0	2.02	...	LP	...	...	2FGL J1226.0+2953 1FGL J1226.0+2954	...	...	...
J1226.8+0638	186.700	6.649	285.872	68.701	0.068	0.060	-29	5.5	0.2	0.1	2.8	0.9	1.56	0.24	PL	...	...	1FGL J1226.8+0638	...	bll	1RXS J122645.2+063906
J1226.9-1329	186.742	-13.499	293.855	48.941	0.048	0.046	-37	13.4	1.0	0.1	11.6	1.4	1.98	0.09	PL	...	10	2FGL J1226.7-1331 1FGL J1226.7-1332	...	bll	PMN J1226-1328
J1227.9-4854	186.976	-48.901	298.954	13.789	0.037	0.034	12	38.6	3.7	0.2	41.4	1.7	2.38	...	LP	T	...	2FGL J1227.7-4853 1FGL J1227.9-4852	...	psr	PSR J1227-4853
J1228.4-0317	187.111	-3.295	291.714	59.075	0.152	0.097	70	5.7	0.4	0.1	4.7	0.9	2.27	0.17	PL	...	...	3EG J1230-0247	...	...	...
J1228.7+4857	187.181	48.964	132.801	67.727	0.064	0.056	-14	7.9	0.4	0.1	5.6	1.0	2.36	0.12	PL	...	...	1FHL J1228.5+4857 2FGL J1228.6+4857 1FGL J1228.2+4855	...	fsrq	TXS 1226+492
J1229.1+0202	187.287	2.041	289.979	64.351	0.019	0.018	-85	149.0	9.4	0.3	181.0	2.2	2.66	...	LP	T	...	2FGL J1229.1+0202 1FGL J1229.1+0203 0FGL J1229.1+0202 3EG J1229+0210 EGR J1229+0203 1AGL J1228+0142	...	FSRQ	3C 273
J1229.8-5305	187.469	-53.093	299.652	9.641	0.119	0.113	74	4.2	0.4	0.1	4.1	1.1	2.15	0.22	PL	...	...	2FGL J1230.2-5258	...	bcu	AT20G J122939-530332
J1230.3+2519	187.575	25.326	232.571	84.929	0.061	0.049	-90	18.0	1.1	0.1	13.0	1.0	2.24	0.06	PL	T	...	1FHL J1230.3+2522 2FGL J1230.2+2517	...	bll	ON 246

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1230.9+1224	187.728	12.406	283.839	74.512	0.043	0.041	87	18.9	1.3	0.1	14.5	1.3	2.04	0.07	PL	...	...	1FGL J1230.4+2520 1FHL J1230.8+1224 2FGL J1230.8+1224	P	rdg	M 87
J1231.2-1411	187.801	-14.198	295.539	48.383	0.015	0.014	43	105.7	17.8	0.4	102.9	2.1	1.93	...	EC	...	...	1FGL J1230.8+1223 1FHL J1231.2-1414 2FGL J1231.2-1411 1FGL J1231.1-1410 0FGL J1231.5-1410 EGR J1231-1412	...	PSR	PSR J1231-1411
J1231.5+6414	187.879	64.234	126.507	52.756	0.068	0.052	6	6.3	0.2	0.1	2.7	0.6	1.94	0.20	PL	...	...	...	...	bl	MS 1229.2+6430
J1231.6+4825	187.908	48.418	131.870	68.365	0.099	0.089	-74	5.9	0.3	0.1	4.7	0.9	2.52	0.13	PL	...	...	...	...	...	...
J1231.6-5113	187.902	-51.221	299.766	11.529	0.105	0.092	16	13.5	0.8	0.1	12.4	1.2	2.59	...	LP	...	5	2FGL J1231.3-5112 1FGL J1232.2-5118	...	...	...
J1231.7+2847	187.946	28.792	190.812	85.353	0.023	0.023	-65	37.0	2.7	0.1	31.0	1.8	1.95	0.04	PL	T	3	1FGL J1231.6+2850 1FHL J1231.8+2849 2FGL J1231.7+2848	...	bl	B2 1229+29 — — — 17 — — —
J1231.7-6513	187.926	-65.223	300.865	-2.430	0.086	0.075	-40	9.5	1.3	0.2	17.7	2.0	2.42	0.07	PL	...	...	2FGL J1231.1-6512	...	...	...
J1231.8+1421	187.966	14.364	282.287	76.445	0.136	0.100	77	5.9	0.4	0.1	4.3	0.9	2.07	0.17	PL	...	...	2FGL J1231.6+1417	...	bl	GB6 J1231+1421
J1232.3+1701	188.085	17.023	278.347	78.972	0.141	0.106	40	5.7	0.3	0.1	3.8	0.9	1.84	0.17	PL	...	...	...	...	...	...
J1232.5-3720	188.137	-37.342	298.778	25.377	0.069	0.056	-4	6.4	0.3	0.1	3.9	0.9	1.92	0.20	PL	...	...	...	...	...	...
J1232.8+1332	188.219	13.535	284.323	75.731	0.162	0.146	-10	4.3	0.3	0.1	5.1	1.1	2.67	0.15	PL	...	...	...	...	...	...
J1233.7-0145	188.434	-1.757	293.837	60.802	0.046	0.041	73	15.7	1.1	0.1	12.9	1.2	2.22	0.08	PL	...	...	2FGL J1233.7-0145	...	bl	NVSS J123341-014426
J1233.9-5736	188.497	-57.607	300.587	5.185	0.037	0.034	-39	13.6	1.5	0.1	17.1	1.7	2.16	0.07	PL	...	...	1FGL J1233.6-0146 1FHL J1234.1-5735 2FGL J1234.0-5733 1FGL J1234.0-5736	...	bcu	AT20G J123407-573552
J1234.7-0437	188.697	-4.622	295.087	57.996	0.122	0.080	29	4.9	0.2	0.1	3.0	0.9	1.65	0.28	PL	...	10	...	...	...	...
J1236.5-6154	189.128	-61.904	301.176	0.916	0.112	0.103	-62	4.1	0.9	0.2	11.3	2.7	2.37	0.14	PL	...	4	2FGL J1236.1-6155	...	...	...
J1236.6+3901	189.165	39.024	136.536	77.711	0.111	0.104	-29	5.3	0.2	0.1	3.1	0.7	2.49	0.20	PL	...	1	...	...	bl	RX J1236.4+3859
J1236.6-7050	189.157	-70.846	301.706	-8.010	0.105	0.091	61	5.4	0.5	0.1	6.0	1.3	2.21	0.14	PL	...	...	...	...	...	...
J1237.9+6258	189.495	62.979	125.537	54.082	0.068	0.058	-11	6.3	0.2	0.1	2.4	0.6	1.84	0.22	PL	...	...	...	...	bl	1H 1241+626
J1238.2-1958	189.565	-19.983	298.712	42.781	0.061	0.060	87	8.5	0.5	0.1	6.6	0.9	2.35	0.13	PL	...	...	2FGL J1238.1-1953	...	bcu	PMN J1238-1959
J1238.3-4543	189.595	-45.724	300.549	17.087	0.076	0.060	-52	8.0	0.5	0.1	6.2	1.0	2.15	0.13	PL	...	...	...	...	bcu	PMN J1238-4541
J1239.1-1158	189.799	-11.978	298.194	50.781	0.256	0.220	33	6.7	0.2	0.1	7.0	1.0	3.07	0.16	PL	...	...	...	...	...	...
J1239.4+0727	189.873	7.463	294.191	70.131	0.085	0.068	-5	8.0	0.5	0.1	6.6	1.0	2.40	0.12	PL	...	...	2FGL J1239.5+0728	...	bcu	PKS 1236+077

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1239.5+0443	189.895	4.719	295.221	67.413	0.025	0.024	-3	65.0	5.6	0.2	61.6	1.8	2.35	...	LP	T	...	1FHL J1239.6+0443 2FGL J1239.5+0443 1FGL J1239.5+0443 EGR J1237+0434 1AGL J1238+0406	...	fsrq	MG1 J123931+0443
J1240.3-7149	190.077	-71.826	302.054	-8.973	0.052	0.042	-6	11.0	0.9	0.1	10.2	1.4	1.96	0.10	PL	...	...	1FHL J1240.4-7150 2FGL J1240.6-7151 1FGL J1240.3-7154	...	...	...
J1241.6-1456	190.406	-14.945	299.399	47.859	0.089	0.072	29	6.2	0.3	0.1	3.9	0.9	1.96	0.17	PL	...	...	2FGL J1241.6-1457	...	bll	RX J1241.8-1455
J1241.9+0639	190.475	6.661	296.186	69.408	0.109	0.080	-25	5.2	0.3	0.1	3.1	0.9	1.78	0.24	PL	...	...	...	...	bll	1ES 1239+069
J1243.1+3627	190.797	36.454	133.043	80.512	0.023	0.023	4	31.2	2.0	0.1	25.0	1.9	1.77	0.04	PL	...	...	1FHL J1243.2+3628 2FGL J1243.1+3627 1FGL J1243.1+3627	...	bll	Ton 116
J1243.9-0217	190.977	-2.284	299.107	60.531	0.142	0.137	-57	5.1	0.3	0.1	3.8	0.8	2.19	0.17	PL	...	1	...	...	bcu	PMN J1243-0218
J1244.1+1615	191.045	16.263	293.764	79.005	0.192	0.162	63	5.5	0.3	0.1	4.1	0.8	2.43	0.16	PL	...	1	...	...	bll	SDSS J124444.35+161621.7
J1244.2-6227	191.059	-62.453	302.100	0.407	0.113	0.086	1	6.0	1.5	0.2	18.3	3.1	2.32	0.09	PL	...	4	2FGL J1243.9-6232	...	...	...
J1244.3-4955	191.090	-49.926	301.764	12.929	0.132	0.092	-19	4.8	0.4	0.1	4.7	1.1	2.19	0.18	PL	...	1	...	...	bcu	SUMSS J124422-495422
J1244.3-5515	191.085	-55.257	301.912	7.601	0.192	0.157	-61	6.9	0.6	0.1	9.5	1.4	2.62	0.11	PL	...	4	...	...	...	...
J1244.8+5707	191.212	57.121	124.720	59.984	0.101	0.087	15	7.1	0.3	0.1	3.7	0.7	2.07	0.15	PL	...	...	1FHL J1244.9+5708 2FGL J1245.1+5708	...	bll	1RXS J124510.5+571020
J1246.7-2547	191.689	-25.791	301.612	37.068	0.018	0.017	-60	92.6	9.8	0.3	103.3	2.3	2.28	...	LP	T	...	1FHL J1246.6-2548 2FGL J1246.7-2546 1FGL J1246.7-2545 0FGL J1246.6-2544	...	fsrq	PKS 1244-255
J1247.0+4421	191.753	44.355	125.601	72.750	0.105	0.087	-60	5.7	0.3	0.1	2.8	0.6	2.06	0.25	PL	...	...	...	...	bll	RX J1246.9+4423
J1248.0+5130	192.021	51.506	124.196	65.614	0.133	0.117	68	5.2	0.3	0.1	2.9	0.6	2.16	0.17	PL	...	...	...	...	bll	RX J1248.4+5128
J1248.2+5820	192.070	58.348	123.731	58.776	0.018	0.018	-85	55.5	4.0	0.1	45.0	1.9	1.95	0.03	PL	...	...	0FGL J1248.7+5811 1FGL J1248.2+5820 1FHL J1248.1+5821 2FGL J1248.2+5820	...	bll	PG 1246+586
J1249.1-2808	192.293	-28.144	302.325	34.725	0.075	0.062	-82	8.2	0.5	0.1	5.9	1.0	2.07	0.13	PL	...	...	2FGL J1249.5-2811 1FGL J1249.3-2812	...	...	...
J1249.5-0546	192.382	-5.779	302.057	57.089	0.145	0.129	66	5.4	0.4	0.1	5.4	1.2	2.41	0.16	PL	...	...	...	...	...	...
J1249.7+3705	192.442	37.091	124.856	80.031	0.052	0.044	41	11.3	0.5	0.1	6.9	1.2	1.65	0.10	PL	...	...	1FHL J1249.7+3706 2FGL J1249.9+3705	...	bll	RX J1249.8+3708

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J1249.8+3706			
J1250.2−0233	192.568	−2.564	302.344	60.307	0.076	0.064	64	5.1	0.1	0.1	2.8	1.1	1.10	0.30	PL	...	...	...	...	...	...
J1250.5+0217	192.626	2.297	302.378	65.168	0.112	0.089	67	6.4	0.4	0.1	5.0	0.9	2.33	0.16	PL	...	...	...	...	bl	PKS 1247+025
J1251.0−0203	192.763	−2.057	302.734	60.815	0.098	0.090	−63	6.9	0.5	0.1	5.9	0.9	2.39	0.12	PL	T	...	...	...	bcu	TXS 1248−017
J1251.0−4943	192.773	−49.731	302.875	13.140	0.096	0.070	28	6.8	0.5	0.1	6.0	1.1	2.03	0.14	PL	...	...	1FGL J1250.9−4940	...	...	...
J1251.3+1041	192.846	10.688	302.886	73.560	0.175	0.138	−75	6.4	0.4	0.1	5.1	0.9	2.44	0.16	PL	...	...	2FGL J1251.2+1045	...	bl	1RXS J125117.4+103914
																		1FGL J1251.3+1044			
J1253.2+5300	193.301	53.013	122.323	64.113	0.019	0.018	−14	47.5	4.2	0.2	36.9	2.2	2.00	...	LP	...	...	1FHL J1253.1+5301	...	bl	S4 1250+53
																		2FGL J1253.1+5302			
																		1FGL J1253.0+5301			
																		0FGL J1253.4+5300			
J1253.7+0327	193.435	3.464	304.363	66.329	0.047	0.041	64	12.1	0.7	0.1	9.0	1.3	1.84	0.10	PL	...	...	1FHL J1253.6+0329	...	bl	MG1 J125348+0326
																		1FGL J1253.7+0326			
J1254.1+6240	193.543	62.678	122.393	54.448	0.075	0.068	36	7.1	0.3	0.1	3.0	0.6	1.90	0.15	PL	...	...	2FGL J1254.1+6237	...	bl	1RXS | J125400.1+624303
																		1FGL J1254.0+6236			
J1254.1−2203	193.532	−22.060	303.757	40.808	0.094	0.088	−68	7.2	0.6	0.1	6.8	1.1	2.30	0.12	PL	...	...	2FGL J1254.2−2203	...	bcu	NVSS | J125422−220413
J1254.5+2210	193.630	22.175	311.140	84.997	0.056	0.051	83	10.8	0.6	0.1	6.7	1.0	2.00	0.12	PL	...	...	2FGL J1254.4+2209	...	bl	TXS 1252+224
																		1FGL J1254.4+2209			
J1254.9−4423	193.742	−44.393	303.597	18.474	0.088	0.076	59	4.4	0.3	0.1	3.6	1.0	2.19	0.27	PL	...	...	...	...	bl	PKS 1252−441
J1256.1−0547	194.041	−5.791	305.095	57.061	0.012	0.012	55	160.6	20.6	0.4	239.2	3.1	2.34	...	LP	T	...	1FHL J1256.1−0547	P	FSRQ	3C 279
																		2FGL J1256.1−0547			
																		1FGL J1256.2−0547			
																		0FGL J1256.1−0547			
																		3EG J1255−0549			
																		EGR J1256−0552			
																		1AGL J1256−0549			
J1256.1−5703	194.045	−57.050	303.580	5.815	0.176	0.151	−3	6.4	0.6	0.1	11.2	1.7	2.69	0.10	PL	...	...	...	...	...	...
J1256.1−5919	194.045	−59.324	303.538	3.542	0.056	0.052	−50	7.9	0.9	0.1	11.4	1.7	2.29	0.10	PL	...	4	1FGL J1256.1−5922	...	bcu	PMN J1256−5919
J1256.3−1146	194.087	−11.781	304.845	51.073	0.043	0.036	−31	11.1	0.7	0.1	7.7	1.2	1.91	0.11	PL	...	...	1FHL J1256.4−1146	...	bcu	PMN J1256−1146
																		2FGL J1256.5−1145			
																		1FGL J1256.5−1148			
J1256.7+5328	194.189	53.469	121.150	63.641	0.152	0.136	23	5.8	0.3	0.1	6.1	1.1	2.64	0.12	PL	...	5	...	...	bcu	TXS 1254+538
J1256.9+3649	194.232	36.819	116.435	80.240	0.067	0.057	−74	12.5	0.7	0.1	7.4	0.9	2.08	0.09	PL	...	...	2FGL J1257.0+3650	...	bl	1RXS J125716.0+364713
																		1FGL J1256.9+3650			
J1257.0−6338	194.253	−63.636	303.551	−0.771	0.051	0.043	28	8.5	1.9	0.2	21.7	3.0	2.24	0.09	PL	T	3	1FGL J1256.9−6337c	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J1258.0+6120	194.523	61.340	121.513	55.770	0.092	0.087	-48	5.1	0.2	0.0	2.2	0.5	2.10	0.21	PL	...	...	...	...	bl	NVSS J125820+612049
J1258.1+3233	194.535	32.557	108.355	84.381	0.070	0.063	67	11.9	0.6	0.1	8.2	0.9	2.47	0.09	PL	T	...	2FGL J1258.2+3231 1FGL J1258.3+3227	...	fsrq	ON 393	
J1258.4+2123	194.618	21.386	318.906	84.038	0.130	0.106	-86	5.0	0.2	0.1	4.2	1.1	2.64	0.24	PL	...	...	1FGL J1258.3+2125	...	...	...
J1258.6-1800	194.650	-18.004	305.334	44.834	0.054	0.052	-68	22.4	1.5	0.1	21.0	1.2	2.45	0.05	PL	T	...	2FGL J1258.4-1801 1FGL J1258.4-1802	...	fsrq	PKS B1256-177	
J1258.7+5137	194.699	51.628	120.182	65.461	0.103	0.094	-41	4.9	0.2	0.1	2.6	0.6	2.16	0.19	PL	...	...	...	...	bcu	NVSS J125825+514225
J1258.7-2219	194.694	-22.330	305.165	40.510	0.045	0.042	55	16.5	1.5	0.1	19.1	1.5	2.34	0.06	PL	T	...	2FGL J1258.8-2223 1FGL J1258.7-2221 EGR J1259-2209	...	fsrq	PKS 1256-220	
J1259.0-2310	194.772	-23.183	305.217	39.655	0.068	0.056	6	8.2	0.6	0.1	6.8	1.1	2.03	0.12	PL	...	...	...	...	bcu	PKS B1256-229
J1259.3-8151	194.835	-81.861	303.228	-18.993	0.108	0.095	-2	6.0	0.5	0.1	6.3	1.1	2.44	0.13	PL	...	...	...	...	...	...
J1259.5-3231	194.886	-32.519	304.912	30.322	0.259	0.154	81	6.0	0.4	0.1	8.0	1.2	2.71	0.13	PL	...	...	...	...	...	...
J1259.8-3749	194.958	-37.826	304.761	25.016	0.055	0.049	15	9.3	0.6	0.1	7.4	1.0	2.24	0.12	PL	...	...	2FGL J1259.8-3749 1FGL J1300.9-3745	...	bcu	NVSS J125949-374856
J1300.2+1416	195.066	14.278	312.472	76.986	0.191	0.157	62	11.9	0.4	0.1	10.3	1.0	2.86	0.09	PL	T	fsrq	OW 197
J1301.5+3333	195.394	33.562	104.781	83.206	0.116	0.101	5	7.9	0.4	0.1	5.1	0.8	2.40	0.12	PL	...	...	2FGL J1301.6+3331	...	...	...
J1301.6+0832	195.418	8.540	310.829	71.254	0.069	0.068	73	13.6	0.8	0.1	10.6	1.0	2.38	0.07	PL	...	...	2FGL J1301.5+0835 1FGL J1301.8+0837	...	PSR	PSR J1301+0833
J1302.3-3259	195.595	-32.988	305.577	29.828	0.048	0.046	-23	18.8	2.0	0.2	11.3	1.1	2.12	...	EC	...	...	2FGL J1302.4-3257 1FGL J1302.3-3255	...	PSR	PSR J1302-3258
J1302.6+5748	195.674	57.811	119.999	59.253	0.088	0.078	-67	6.3	0.3	0.1	3.0	0.6	2.27	0.18	PL	...	...	...	...	bcu	TXS 1300+580
J1303.0+2435	195.752	24.595	349.347	86.368	0.037	0.036	-42	28.5	1.9	0.1	21.7	1.2	2.18	0.04	PL	T	1,3	1FHL J1302.9+2433 2FGL J1303.1+2435 1FGL J1303.0+2433	...	bl	MG2 J130304+2434	
J1303.0-6312e	195.750	-63.200	304.235	-0.358	...	...	...	7.6	1.6	0.4	22.7	3.8	1.64	0.12	PL	...	...	2FGL J1303.7-6316c ...	E	PWN	HESS J1303-631
J1303.7-4619	195.947	-46.319	305.156	16.500	0.100	0.072	0	9.4	0.7	0.1	8.8	1.1	2.39	0.10	PL	T	...	2FGL J1303.5-4622 1FGL J1304.0-4622	...	fsrq	PMN J1303-4621	
J1304.2-2411	196.061	-24.194	306.669	38.585	0.048	0.047	-7	9.4	0.6	0.1	7.3	1.2	1.96	0.10	PL	...	...	1FHL J1304.1-2413 2FGL J1304.1-2415	...	bcu	PMN J1304-2412
J1304.3-4353	196.096	-43.900	305.397	18.910	0.022	0.020	-21	33.5	3.2	0.2	36.8	2.2	1.91	0.04	PL	T	...	1FHL J1304.3-4354 2FGL J1304.3-4353 1FGL J1304.3-4352 3EG J1300-4406	...	bl	1RXS J130421.2-435308	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1304.3–5535	196.092	–55.585	304.773	7.241	0.137	0.128	85	8.0	0.6	0.1	12.3	1.6	2.70	0.09	PL	...	...	2FGL J1303.8–5537	...	bcu	PMN J1303–5540
J1304.6+1200	196.171	12.006	315.189	74.562	0.209	0.147	26	5.4	0.4	0.1	4.6	0.9	2.37	0.14	PL	...	...	2FGL J1305.0+1152	...	...	...
J1304.8–0338	196.206	–3.648	309.438	59.055	0.158	0.130	–6	4.4	0.3	0.1	3.5	0.9	2.28	0.19	PL	T	...	...	...	fsrq	PKS 1302–035
J1304.9–2109	196.246	–21.157	307.157	41.603	0.095	0.080	–45	4.9	0.4	0.1	4.1	1.0	2.15	0.16	PL	...	...	2FGL J1305.1–2110	...	bcu	PKS B1302–208
J1305.4–4926	196.370	–49.434	305.278	13.374	0.068	0.050	–25	12.9	1.0	0.1	13.8	1.2	2.43	0.07	PL	...	...	2FGL J1305.8–4925	...	sbg	NGC 4945
																		1FGL J1305.4–4928			
J1305.5+7854	196.381	78.910	122.071	38.195	0.082	0.072	–2	9.4	0.4	0.1	4.9	0.6	2.38	0.10	PL	...	...	2FGL J1305.7+7854	...	bll	S5 1304+79
																		1FGL J1306.0+7852			
J1305.7–6241	196.434	–62.686	304.572	0.140	0.037	0.034	67	11.1	2.8	0.3	31.2	3.9	2.10	0.08	PL	...	...	...	...	snr	Kes 17
J1306.4–6043	196.615	–60.732	304.768	2.086	0.027	0.026	34	25.4	5.5	0.3	35.1	2.5	2.13	...	LP	...	...	2FGL J1306.2–6044	...	...	...
																		1FGL J1306.4–6038			
																		3EG J1308–6112			
J1306.8–2146	196.714	–21.778	307.674	40.952	0.097	0.082	–64	4.3	0.3	0.1	3.8	1.0	2.15	0.16	PL	...	...	...	...	bcu	PKS 1304–215
J1306.8–4031	196.725	–40.533	306.105	22.244	0.071	0.066	–4	15.0	0.9	0.1	14.7	1.1	2.54	0.07	PL	...	...	2FGL J1306.9–4028	...	...	...
																		1FGL J1307.0–4030			
J1307.6–4300	196.918	–43.001	306.085	19.772	0.022	0.022	–55	23.7	2.0	0.1	23.5	1.9	1.84	0.06	PL	...	...	1FHL J1307.7–4259	...	bcu	1RXS J130737.8–425940
																		2FGL J1307.5–4300			
																		1FGL J1307.6–4259			
J1308.1–6707	197.043	–67.120	304.562	–4.301	0.058	0.047	–26	16.3	1.8	0.2	24.8	1.8	2.45	0.06	PL	T	...	2FGL J1307.6–6704	...	bcu	PKS 1304–668
																		1FGL J1307.3–6701			
J1308.7+3545	197.185	35.761	100.886	80.615	0.159	0.094	–58	10.9	0.6	0.1	7.0	0.8	2.36	0.09	PL	T	...	2FGL J1308.5+3547	...	fsrq	5C 12.291
																		1FGL J1308.5+3550			
J1308.7–5738	197.199	–57.639	305.263	5.154	0.226	0.182	–14	5.4	0.5	0.1	9.5	1.7	2.68	0.14	PL	...	1,4	...	...	...	...
J1309.0+0347	197.258	3.791	313.902	66.287	0.150	0.126	29	4.1	0.3	0.1	2.8	0.7	2.09	0.19	PL	...	...	...	...	...	...
J1309.3+4304	197.345	43.075	111.227	73.643	0.027	0.023	83	29.0	1.7	0.1	19.9	1.4	1.94	0.05	PL	...	...	1FHL J1309.3+4304	...	bll	B3 1307+433
																		2FGL J1309.4+4304			
																		1FGL J1309.5+4304			
J1309.5+1154	197.393	11.901	319.425	74.189	0.093	0.078	–46	9.1	0.6	0.1	6.6	0.9	2.14	0.11	PL	...	...	2FGL J1309.3+1154	...	bll	4C +12.46
																		1FGL J1309.2+1156			
J1310.2–1159	197.568	–11.985	310.203	50.620	0.058	0.052	–76	6.9	0.3	0.1	4.2	1.0	1.80	0.19	PL	...	...	...	...	bll	TXS 1307–117
J1310.6+2446	197.650	24.782	5.420	85.095	0.159	0.115	31	4.1	0.2	0.1	2.6	0.7	2.20	0.22	PL	...	...	...	...	bcu	MG2 J131037+2447
J1310.6+3222	197.657	32.370	85.623	83.307	0.026	0.024	37	52.0	3.7	0.2	37.5	1.5	2.25	...	LP	T	...	1FHL J1310.6+3222	...	fsrq	OP 313
																		2FGL J1310.6+3222			
																		1FGL J1310.6+3222			
																		0FGL J1310.6+3220			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1310.7+5515	197.678	55.262	117.146	61.650	0.117	0.113	44	6.1	0.2	0.1	3.6	0.6	2.53	0.14	PL	T	...	...	...	fsrq	TXS 1308+554
J1311.0+0036	197.771	0.614	313.829	63.069	0.076	0.060	-69	4.7	0.2	0.1	2.7	1.0	1.55	0.28	PL	...	...	1FHL J1310.9+0036 2FGL J1310.9+0036	...	bll	RX J1311.1+0035
J1311.8-3430	197.959	-34.502	307.699	28.181	0.022	0.022	-20	62.3	7.5	0.2	64.7	1.9	2.23	...	EC	...	...	2FGL J1311.7-3429 1FGL J1311.7-3429 0FGL J1311.9-3419 3EG J1314-3431	...	PSR	LAT PSR J1311-3430
J1311.8-6230	197.968	-62.507	305.288	0.271	0.075	0.061	21	9.3	2.6	0.3	36.9	4.3	2.46	0.07	PL	...	...	...	...	...	...
J1312.3+8513	198.091	85.225	122.420	31.882	0.100	0.084	-2	5.9	0.3	0.1	4.2	0.8	2.57	0.16	PL	...	1	...	...	...	...
J1312.5-2155	198.126	-21.932	309.378	40.676	0.038	0.035	-69	20.8	1.8	0.1	20.0	1.5	2.07	0.05	PL	...	...	1FHL J1312.2-2158 2FGL J1312.4-2157 1FGL J1312.4-2156	...	bll	PKS 1309-216
J1312.7+0051	198.195	0.861	314.850	63.238	0.046	0.044	35	20.7	2.4	0.2	16.5	1.1	2.17	...	EC	...	...	2FGL J1312.7+0051 1FGL J1312.6+0048	...	PSR	PSR J1312+0051
J1312.7+4828	198.188	48.474	113.366	68.256	0.019	0.018	55	66.0	4.9	0.2	47.7	1.8	2.13	...	LP	T	...	1FHL J1312.8+4827 2FGL J1312.8+4828 1FGL J1312.4+4827	...	agn	GB 1310+487
J1312.7-2349	198.197	-23.823	309.201	38.789	0.050	0.041	-89	9.8	0.6	0.1	7.3	1.3	1.80	0.12	PL	...	...	2FGL J1312.9-2351	...	bcu	NVSS J131248-235046
J1312.8-0424	198.221	-4.403	313.071	58.046	0.087	0.070	49	16.5	1.0	0.1	14.1	1.1	2.49	0.06	PL	T	...	2FGL J1313.0-0425	...	fsrq	PKS B1310-041
J1314.7-4237	198.694	-42.627	307.499	20.038	0.129	0.097	-27	4.5	0.4	0.1	3.9	1.1	2.08	0.21	PL	...	...	1FHL J1314.9-4241	P	bcu	MS 13121-4221
J1314.8+2349	198.714	23.826	2.218	83.769	0.040	0.038	-72	21.9	1.4	0.1	15.8	1.2	2.05	0.06	PL	...	...	1FHL J1315.0+2346 2FGL J1314.6+2348 1FGL J1314.7+2346	...	bll	TXS 1312+240
J1315.1-5329	198.786	-53.488	306.501	9.219	0.071	0.067	8	14.6	1.5	0.2	16.8	1.5	2.50	...	LP	T	...	2FGL J1314.5-5330 1FGL J1314.9-5338	...	bcu	PMN J1315-5334
J1315.4+1130	198.869	11.515	323.973	73.397	0.153	0.112	1	4.3	0.3	0.1	2.9	0.8	1.96	0.26	PL	...	...	...	...	bcu	1RXS J131531.9+113327
J1315.7-0732	198.947	-7.549	313.448	54.825	0.051	0.042	-17	12.9	0.8	0.1	9.3	1.1	2.02	0.09	PL	T	...	1FHL J1315.7-0730 2FGL J1315.6-0730 1FGL J1315.6-0729	...	...	...
J1316.0-3338	199.000	-33.649	308.773	28.944	0.044	0.038	-20	25.3	2.3	0.1	28.3	1.5	2.32	0.04	PL	T	...	1FHL J1315.9-3333 2FGL J1315.9-3339 1FGL J1316.1-3341	...	fsrq	PKS 1313-333
J1316.2-6446	199.063	-64.770	305.574	-2.025	0.150	0.089	84	10.1	1.0	0.2	23.3	2.4	2.79	0.09	PL	T	...	2FGL J1312.0-6458	...	...	...
J1317.6-6315	199.403	-63.260	305.872	-0.538	0.056	0.049	-3	13.5	4.0	0.4	29.5	3.4	2.34	...	LP	...	...	1FGL J1317.5-6318c	...	...	...
J1317.8+3429	199.463	34.500	87.003	80.704	0.180	0.172	-23	6.1	0.3	0.1	4.1	0.7	2.58	0.14	PL	...	...	2FGL J1317.9+3426	...	fsrq	S4 1315+34

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J1317.8+3425			
J1318.7–1232	199.694	–12.541	313.297	49.780	0.095	0.068	43	8.4	0.5	0.1	6.9	1.0	2.35	0.11	PL	...	...	2FGL J1318.9–1228	...	bcu	PMN J1318–1235
J1319.3+1402	199.837	14.050	330.787	75.390	0.086	0.076	–6	4.3	0.2	0.1	2.2	0.7	1.87	0.24	PL	...	...	...	...	bll	RX J1319.4+1405
J1319.6+7759	199.903	77.998	121.051	39.027	0.060	0.051	–68	9.1	0.3	0.1	4.2	0.8	1.79	0.13	PL	...	...	...	...	bcu	NVSS J131921+775823
J1321.0+2215	200.269	22.263	358.672	81.697	0.058	0.054	–85	20.6	1.3	0.1	17.4	1.2	2.42	0.06	PL	T	...	2FGL J1321.1+2215	...	fsrq	TXS 1318+225
																		1FGL J1321.1+2214			
J1321.7+8312	200.431	83.207	121.857	33.858	0.077	0.071	–25	12.7	0.5	0.1	8.1	0.8	2.57	0.08	PL	T	...	2FGL J1322.6+8313	...	fsrq	S5 1322+83
																		1FGL J1321.3+8310			
J1322.3+0839	200.582	8.657	325.949	70.136	0.123	0.097	–2	7.8	0.5	0.1	5.6	0.9	2.25	0.14	PL	T	...	1FGL J1322.1+0838	...	bcu	NVSS J132210+084231
J1322.6–1619	200.666	–16.319	313.728	45.897	0.116	0.107	–2	5.3	0.4	0.1	4.6	0.9	2.36	0.15	PL	...	...	...	...	bcu	PMN J1322–1617
J1322.8–0938	200.706	–9.645	315.690	52.448	0.094	0.086	82	14.4	0.7	0.1	12.8	1.0	2.63	0.07	PL	T	...	2FGL J1322.7–0938	...	fsrq	PKS B1319–093
																		1FGL J1322.7–0943			
J1322.9+0435	200.733	4.597	322.751	66.249	0.075	0.067	42	6.1	0.3	0.1	3.5	0.9	1.74	0.20	PL	...	...	...	...	bll	RBS 1257 |
J1323.0+2942	200.751	29.712	55.203	82.596	0.042	0.036	–88	17.7	1.1	0.1	12.9	1.1	2.15	0.07	PL	...	...	1FHL J1322.9+2942	...	bcu	4C +29.48 ↘
																		2FGL J1323.0+2941			
																		1FGL J1323.1+2942			
J1323.2–3901	200.810	–39.025	309.658	23.431	0.130	0.125	–21	5.6	0.4	0.1	6.3	1.2	2.52	0.14	PL	...	1	...	...	...	...
J1323.9+1405	200.992	14.094	334.755	74.918	0.111	0.082	–61	6.3	0.4	0.1	4.2	0.8	2.08	0.14	PL	...	...	...	...	bll	RX J1323.9+1406
J1324.0–4330e	201.000	–43.500	309.168	18.977	...	...	...	12.1	3.4	0.3	51.7	4.2	2.53	0.05	PL	T	3,5	1FGL J1322.0–4515	...	RDG	Cen A Lobes
																		2FGL J1324.0–4330e			
																		3EG J1324–4314			
J1325.2–5411	201.314	–54.186	307.921	8.358	0.104	0.091	56	7.0	0.8	0.1	10.8	1.7	2.47	0.10	PL	...	...	2FGL J1324.4–5411	...	...	...
J1325.4–4301	201.367	–43.030	309.516	19.406	0.030	0.027	38	43.9	3.4	0.2	66.5	2.1	2.70	0.03	PL	...	...	1FHL J1326.1–4303	P	RDG	Cen A Core
																		2FGL J1325.6–4300			
																		1FGL J1325.6–4300			
																		0FGL J1325.4–4303			
																		3EG J1324–4314			
J1326.1+2931	201.533	29.533	52.445	81.998	0.061	0.057	37	4.8	0.2	0.1	2.5	0.8	2.07	0.25	PL	...	...	...	...	bll	TXS 1323+298
J1326.2–4651	201.559	–46.852	309.098	15.603	0.098	0.096	16	4.7	0.4	0.1	8.0	1.6	2.69	0.13	PL	...	...	...	...	...	...
J1326.6–5256	201.663	–52.939	308.299	9.565	0.045	0.040	–45	21.0	2.3	0.2	29.5	1.7	2.37	0.05	PL	T	...	1FHL J1327.1–5258	...	bll	PMN J1326–5256
																		2FGL J1326.7–5254			
																		1FGL J1327.0–5257			
																		0FGL J1326.6–5302			
J1326.7–4727	201.695	–47.465	309.103	14.983	0.054	0.052	40	11.3	2.0	0.2	9.7	1.3	2.24	...	LP	...	...	2FGL J1326.4–4729	...	glc	Omega Cen
J1326.8+2211	201.722	22.184	3.304	80.553	0.048	0.046	84	26.2	1.7	0.1	19.8	1.3	2.45	...	LP	T	...	2FGL J1326.8+2210	...	fsrq	B2 1324+22

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J1327.9+2524	201.990	25.401	23.069	81.634	0.069	0.062	-27	4.3	0.1	0.1	1.9	0.7	1.68	0.31	PL	...	...	1FGL J1326.6+2213	...	bll	NVSS J132758+252750
J1328.5-4728	202.147	-47.481	309.414	14.922	0.030	0.027	22	12.1	0.8	0.2	10.9	1.7	1.70	0.13	PL	...	10	1FHL J1328.5-4728	...	bcu	1WGA J1328.6-4727	
J1328.9-5607	202.240	-56.131	308.177	6.358	0.022	0.022	-46	46.1	6.8	0.2	70.5	2.4	2.34	...	LP	T	...	2FGL J1328.5-4728 1FGL J1328.2-4729 1FHL J1328.7-5604	...	bcu	PMN J1329-5608	
J1329.1-0536	202.299	-5.608	319.910	56.014	0.178	0.114	0	5.6	0.5	0.1	6.4	1.5	2.35	0.17	PL	...	9	2FGL J1329.2-5608 1FGL J1329.2-5605 0FGL J1328.8-5604	...	...	...
J1329.8-6109	202.468	-61.162	307.551	1.365	0.052	0.050	-39	11.9	2.5	0.3	16.5	2.4	2.24	...	LP	...	...	2FGL J1329.3-0528 2FGL J1329.7-6108	...	...	...
J1330.0+4437	202.510	44.631	101.591	70.863	0.100	0.089	37	7.3	0.3	0.1	3.6	0.7	2.03	0.14	PL	...	...	...	...	bll	1RXS J133021.4+444117
J1330.0-3818	202.506	-38.313	311.203	23.938	0.330	0.215	-59	5.4	0.3	0.1	6.9	1.2	2.78	0.14	PL	...	...	...	...	fsrq	Tol 1326-379
J1330.1-7002	202.538	-70.046	306.249	-7.424	0.032	0.031	-61	32.5	3.7	0.2	37.5	2.0	2.35	...	LP	T	...	1FHL J1330.4-7005 2FGL J1330.1-7002 1FGL J1330.7-7006	...	bcu	PKS 1326-697	
J1330.4+5641	202.612	56.688	112.329	59.630	0.556	0.446	43	5.1	0.1	0.0	3.4	0.7	3.00	0.22	PL	...	1,9
J1330.5+3023	202.636	30.389	56.068	80.835	0.308	0.185	47	5.2	0.2	0.1	4.1	0.8	2.60	0.16	PL	...	...	...	...	css	3C 286
J1330.6+7002	202.669	70.036	118.065	46.720	0.044	0.044	47	10.9	0.4	0.1	4.6	0.8	1.84	0.12	PL	...	...	2FGL J1330.9+7001	...	bll	NVSS J133025+700141
J1330.9+5201	202.745	52.029	108.982	64.015	0.074	0.063	-85	6.1	0.3	0.1	3.1	0.7	2.25	0.20	PL	...	...	1FGL J1331.0+6957 1FGL J1331.0+5202	...	bcu	87GB 132842.6+521750
J1331.1-1328	202.787	-13.482	317.519	48.262	0.122	0.104	-67	5.5	0.5	0.1	6.5	1.4	2.37	0.13	PL	T	5	...	...	bcu	PMN J1331-1326
J1331.5+1711	202.884	17.198	348.019	76.419	0.164	0.132	-89	9.1	0.4	0.1	7.5	0.9	2.76	0.13	PL	...	...	3EG J1329+1708	...	bll	TXS 1329+174
J1331.8+4718	202.972	47.303	104.129	68.321	0.161	0.132	46	8.6	0.4	0.1	5.6	0.7	2.53	0.10	PL	T	...	2FGL J1332.7+4725 1FGL J1332.9+4728	...	fsrq	B3 1330+476	
J1332.0-0508	203.015	-5.148	321.366	56.263	0.029	0.028	-56	49.7	4.7	0.2	65.5	2.0	2.50	...	LP	T	...	1FHL J1332.0-0508 2FGL J1332.0-0508 1FGL J1331.9-0506 0FGL J1331.7-0506	...	fsrq	PKS 1329-049	
J1332.6-1256	203.158	-12.939	318.241	48.705	0.044	0.041	-26	19.3	1.9	0.1	25.7	1.8	2.42	0.05	PL	T	...	2FGL J1332.5-1255 1FGL J1332.6-1255	...	fsrq	PMN J1332-1256	
J1332.8+2723	203.209	27.395	36.961	80.799	0.106	0.090	-84	9.4	0.5	0.1	5.9	0.8	2.38	0.11	PL	T	...	2FGL J1332.7+2726	...	fsrq	MG2 J133305+2725	
J1333.7+5057	203.426	50.954	107.154	64.860	0.062	0.059	54	14.9	0.7	0.1	10.1	0.9	2.50	0.07	PL	T	...	2FGL J1333.5+5058 1FGL J1333.2+5056 0FGL J1333.3+5058	...	fsrq	CLASS J1333+5057	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1333.8–4417	203.454	–44.289	310.884	17.928	0.296	0.275	–64	5.6	0.4	0.1	7.5	1.4	2.69	0.15	PL	...	...	...	...	...	...
J1334.3–4152	203.587	–41.868	311.431	20.294	0.062	0.061	–61	4.2	0.3	0.1	2.8	1.1	2.01	0.33	PL	...	...	...	...	...	...
J1335.1–5655	203.783	–56.924	308.895	5.441	0.094	0.060	–70	8.2	1.0	0.1	12.9	1.9	2.34	0.10	PL	...	...	2FGL J1335.4–5658	...	...	...
J1335.2–4056	203.808	–40.935	311.784	21.182	0.116	0.088	–61	7.2	0.5	0.1	10.1	1.4	2.68	0.11	PL	...	...	2FGL J1335.3–4058	...	...	...
J1335.4–2949	203.853	–29.829	314.191	32.079	0.059	0.057	49	6.9	0.4	0.1	4.6	0.9	2.05	0.14	PL	...	...	...	...	bll	1ES 1332–295
J1337.6–1257	204.415	–12.957	320.023	48.375	0.052	0.051	–56	19.1	1.6	0.1	17.3	1.4	2.44	...	LP	T	...	2FGL J1337.7–1257 1FGL J1337.7–1255 EGR J1337–1310	...	fsrq	PKS 1335–127
J1338.6–2403	204.666	–24.054	316.566	37.564	0.136	0.112	25	7.9	0.5	0.1	7.3	1.0	2.58	0.11	PL	...	...	...	...	bcu	PKS 1336–237
J1338.9+6532	204.743	65.542	115.169	50.864	0.463	0.364	24	7.3	0.1	0.0	4.5	0.6	3.02	0.14	PL	...	...	...	...	fsrq	87GB 133543.8+654752
J1339.0+1153	204.755	11.892	341.471	71.111	0.047	0.045	74	11.5	0.7	0.1	7.5	1.0	1.97	0.10	PL	...	...	2FGL J1338.9+1152	...	bll	SDSS J133859.05+115316.7
J1339.8–0133	204.971	–1.556	326.990	59.034	0.352	0.221	64	5.0	0.3	0.1	4.4	0.9	2.47	0.14	PL	...	...	...	...	fsrq	PKS 1337–013
J1340.6+4412	205.164	44.212	96.047	70.257	0.076	0.062	9	5.8	0.3	0.1	2.9	0.8	1.93	0.25	PL	...	...	2FGL J1340.5+4407 1FGL J1340.6+4406	...	bll	RX J1340.4+4410
J1340.6–0408	205.166	–4.137	325.619	56.551	0.096	0.083	14	6.7	0.4	0.1	4.8	0.9	1.98	0.13	PL	...	...	2FGL J1340.5–0412	...	bcu	NVSS J134042–041006
J1341.0+3955	205.263	39.918	87.266	73.588	0.125	0.111	–33	5.5	0.2	0.1	3.3	0.7	2.54	0.18	PL	...	...	1FGL J1341.3+3951	...	bll	SDSS J134105.10+395945.4
J1341.5+5517	205.385	55.293	108.453	60.404	0.126	0.102	–28	6.0	0.2	0.1	3.5	0.7	2.56	0.17	PL	...	...	...	...	bll	SBS 1339+554
J1341.9–2053	205.490	–20.895	318.504	40.444	0.167	0.128	–37	12.4	0.7	0.1	12.3	1.1	2.65	0.08	PL	T	...	2FGL J1341.3–2048 1FGL J1341.1–2045	...	fsrq	PKS B1339–206
J1342.4–6904	205.611	–69.071	307.485	–6.652	0.193	0.141	61	4.5	0.4	0.1	7.2	1.7	2.64	0.17	PL	...	4	...	...	...	...
J1342.7+0945	205.678	9.766	340.215	68.840	0.121	0.087	–22	5.2	0.3	0.1	3.5	0.9	1.87	0.16	PL	...	...	...	...	bcu	NVSS J134240+094752
J1343.6+5753	205.912	57.899	109.884	57.887	0.124	0.100	–89	4.5	0.2	0.0	2.4	0.6	2.41	0.23	PL	...	...	1FGL J1342.7+5753	...	fsrq	1RXS J134357.9+575426
J1344.2–1724	206.051	–17.401	320.453	43.668	0.030	0.027	8	33.1	3.2	0.2	28.4	1.6	2.18	...	LP	T	...	1FHL J1344.0–1722 2FGL J1344.2–1723 1FGL J1344.2–1723	...	fsrq	PMN J1344–1723
J1344.5–3655	206.126	–36.930	314.585	24.739	0.069	0.058	10	5.7	0.4	0.1	4.4	1.0	2.18	0.17	PL	...	...	...	...	bcu	PKS 1341–366
J1345.1+1949	206.300	19.827	5.123	75.688	0.247	0.184	63	4.8	0.2	0.1	4.0	0.8	2.60	0.18	PL	...	3,5,10	...	...	...	...
J1345.1–6224	206.298	–62.412	309.111	–0.187	0.080	0.068	–13	10.5	3.4	0.4	48.4	4.2	2.47	0.05	PL	...	...	...	...	spp	...
J1345.6+4453	206.401	44.894	95.095	69.193	0.019	0.019	44	75.8	6.5	0.2	71.6	1.9	2.29	...	LP	T	...	2FGL J1345.4+4453 1FGL J1345.4+4453	...	fsrq	B3 1343+451
J1345.8+0704	206.462	7.080	338.192	66.153	0.066	0.058	–53	15.9	1.0	0.1	12.5	1.0	2.31	0.06	PL	T	...	2FGL J1345.9+0706 1FGL J1346.0+0703	...	fsrq	TXS 1343+073
J1345.9–3357	206.497	–33.964	315.675	27.554	0.161	0.134	–65	6.5	0.4	0.1	5.9	0.9	2.47	0.14	PL	...	...	2FGL J1345.8–3356	...	bcu	NVSS J134543–335643

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1346.2–2608	206.570	–26.140	318.010	35.121	0.128	0.099	86	6.5	0.4	0.1	5.6	0.9	2.33	0.12	PL	...	...	2FGL J1346.0–2605	...	...	...
J1346.6–6027	206.652	–60.454	309.687	1.692	0.055	0.047	66	10.4	2.0	0.2	24.9	3.0	2.32	0.09	PL	...	...	2FGL J1346.6–6027	...	rdg	Cen B
J1346.9–2958	206.745	–29.972	317.025	31.375	0.074	0.056	–20	8.2	0.5	0.1	6.7	1.3	1.74	0.13	PL	...	...	2FGL J1347.0–2956	...	bcu	NVSS J134706–295840
J1347.6–3754	206.924	–37.903	315.015	23.645	0.064	0.060	–27	13.1	0.9	0.1	13.6	1.2	2.49	0.07	PL	T	...	2FGL J1347.7–3752 1FGL J1347.8–3751	...	fsrq	PMN J1347–3750
J1348.5–5833	207.149	–58.563	310.342	3.484	0.128	0.105	–11	7.1	0.6	0.1	14.5	2.1	2.79	0.13	PL	...	...	...	...	...	...
J1348.5–7150	207.142	–71.839	307.404	–9.465	0.239	0.130	–46	5.2	0.4	0.1	6.6	1.3	2.64	0.18	PL	...	1,4	...	...	...	...
J1349.6–1133	207.407	–11.560	324.878	48.817	0.054	0.051	12	18.4	1.3	0.1	17.6	1.2	2.39	0.06	PL	T	...	...	...	fsrq	PKS 1346–112
J1350.4–6224	207.622	–62.412	309.710	–0.320	0.040	0.036	–79	12.3	4.7	0.5	25.0	3.2	2.18	...	LP	...	3	2FGL J1349.9–6222	...	...	...
J1350.8+3035	207.704	30.598	51.395	76.556	0.062	0.051	–44	20.2	1.0	0.1	13.4	0.9	2.37	0.05	PL	T	...	2FGL J1350.8+3035 1FGL J1351.0+3035	...	fsrq	B2 1348+30B
J1351.1+0030	207.794	0.514	333.717	59.766	0.128	0.091	–35	7.3	0.5	0.1	5.7	0.9	2.31	0.13	PL	T	1	2FGL J1351.1+0032	...	fsrq	PKS 1348+007
J1351.1–2743	207.793	–27.720	318.773	33.307	0.098	0.082	–2	5.4	0.4	0.1	4.6	1.0	2.38	0.15	PL	...	...	2FGL J1351.1–2749	...	...	...
J1351.4+1115	207.851	11.267	347.440	68.783	0.037	0.034	88	12.9	0.7	0.1	8.9	1.4	1.71	0.10	PL	...	...	1FHL J1351.4+1115 2FGL J1351.4+1115 1FGL J1351.5+1115	...	bll	RX J1351.3+1115 80
J1351.7–2913	207.927	–29.226	318.419	31.826	0.079	0.072	–44	9.0	0.6	0.1	8.5	1.1	2.40	0.09	PL	T	...	2FGL J1351.3–2909	...	bcu	PKS 1348–289
J1351.8–1524	207.960	–15.407	323.742	45.011	0.089	0.084	9	4.4	0.3	0.1	3.9	1.1	2.40	0.20	PL	...	...	1FGL J1351.8–1523	...	...	...
J1353.1–4414	208.283	–44.245	314.440	17.244	0.078	0.075	27	9.8	0.6	0.1	9.8	1.1	2.59	0.10	PL	...	...	2FGL J1352.6–4413	...	bll	PKS 1349–439
J1353.2+1435	208.317	14.600	355.008	70.915	0.067	0.054	16	10.7	0.6	0.1	7.5	0.9	2.34	0.10	PL	...	...	2FGL J1353.3+1435 1FGL J1353.3+1434	...	bll	OP 186
J1353.5–6640	208.390	–66.667	309.039	–4.534	0.039	0.035	55	10.0	0.8	0.1	9.6	1.4	1.91	0.10	PL	...	...	1FHL J1353.0–6642 2FGL J1353.5–6640 1FGL J1353.6–6640	...	bll	1RXS J135341.1–664002
J1354.5+3705	208.632	37.087	73.650	73.376	0.106	0.087	79	7.8	0.4	0.1	4.5	0.7	2.26	0.12	PL	...	...	2FGL J1354.5+3703	...	bll	FIRST J135426.6+370654
J1355.0–1044	208.752	–10.738	327.202	49.114	0.092	0.080	–18	11.6	0.8	0.1	10.8	1.1	2.39	0.08	PL	T	...	2FGL J1354.7–1047 1FGL J1354.9–1041 0FGL J1355.0–1044	...	fsrq	PKS 1352–104
J1356.3–4029	209.081	–40.488	316.062	20.723	0.103	0.067	56	5.7	0.4	0.1	4.3	1.0	2.06	0.18	PL	...	...	...	...	bcu	SUMSS J135625–402820
J1356.6–6428	209.164	–64.480	309.886	–2.492	0.067	0.055	–75	17.9	2.6	0.2	41.8	2.5	2.56	0.05	PL	...	...	2FGL J1356.0–6436 ...	E	PSR	PSR J1357–6429
J1357.5+0125	209.399	1.433	337.391	59.803	0.148	0.095	40	5.8	0.4	0.1	4.6	1.0	2.14	0.17	PL	...	...	2FGL J1358.0+0137	...	bll	RX J1357.6+0128
J1357.6+7643	209.407	76.722	118.050	39.772	0.107	0.081	–15	12.8	0.5	0.1	7.5	0.7	2.48	0.09	PL	T	...	2FGL J1358.1+7644 1FGL J1358.1+7646	...	fsrq	S5 1357+76
J1358.5–6025	209.643	–60.430	311.127	1.369	0.056	0.052	7	15.4	4.1	0.3	42.0	3.7	2.48	...	LP	...	...	2FGL J1358.8–6027c	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1359.0+5544	209.765	55.746	104.463	58.891	0.081	0.067	42	17.4	0.6	0.1	10.2	0.7	2.59	0.07	PL	T	...	2FGL J1359.4+5541	...	fsrq	87GB 135720.6+555936
																		1FGL J1359.1+5539			
J1359.2+0204	209.808	2.070	338.744	60.140	0.195	0.147	-15	4.8	0.4	0.1	4.6	1.1	2.33	0.16	PL	...	...	...	...	fsrq	PKS 1356+022
J1359.9-3746	209.982	-37.776	317.591	23.138	0.036	0.032	8	11.7	0.8	0.1	9.2	1.2	2.02	0.11	PL	...	...	1FHL J1359.9-3746	...	bl	PMN J1359-3746
																		2FGL J1359.9-3746			
																		1FGL J1400.1-3743			
J1400.2-2413	210.067	-24.232	322.416	36.022	0.157	0.093	-7	6.7	0.5	0.1	5.8	1.0	2.16	0.12	PL	...	3	2FGL J1400.2-2412	...	...	...
J1400.5-1437	210.145	-14.617	326.929	45.009	0.116	0.079	73	10.2	0.8	0.1	9.4	1.1	2.30	0.08	PL	...	10	2FGL J1400.7-1438	...	psr	PSR J1400-1438
J1400.7-5605	210.175	-56.091	312.535	5.484	0.124	0.119	51	9.1	0.9	0.1	13.7	1.6	2.50	0.09	PL	T	...	2FGL J1400.6-5601	...	bcb	PMN J1400-5605
																		1FGL J1400.9-5559			
J1402.7-3240	210.690	-32.667	319.882	27.847	0.189	0.162	-12	4.4	0.3	0.1	4.3	0.9	2.44	0.16	PL	...	...	...	...	...	...
J1403.1+1304	210.796	13.080	356.532	68.119	0.217	0.140	-35	4.3	0.3	0.1	3.1	0.7	2.27	0.18	PL	...	...	...	...	...	...
J1404.3-5241	211.077	-52.698	313.979	8.603	0.213	0.152	32	4.7	0.5	0.1	6.9	1.4	2.35	0.13	PL	...	...	2FGL J1404.0-5244	...	...	...
J1404.7-5844	211.191	-58.739	312.337	2.787	0.063	0.053	50	5.0	0.6	0.2	7.1	2.3	2.04	0.27	PL	...	4	1FGL J1405.5-5846	...	...	...
J1404.8+0401	211.221	4.026	343.333	60.999	0.052	0.050	-19	10.4	0.6	0.1	6.9	1.0	1.98	0.11	PL	...	...	2FGL J1405.1+0405	...	bl	MS 1402.390416
J1404.8+6554	211.215	65.912	111.504	49.556	0.076	0.068	-9	7.2	0.3	0.1	3.1	0.6	2.09	0.14	PL	...	...	...	...	bl	NVSS J140450+655428
J1405.4-6119	211.356	-61.317	311.691	0.290	0.031	0.025	-83	24.8	12.3	0.6	101.4	6.3	2.25	...	LP	...	...	2FGL J1405.5-6121	...	...	...
J1406.0-2508	211.522	-25.148	323.566	34.715	0.050	0.039	65	9.5	0.6	0.1	6.7	1.1	1.89	0.11	PL	...	...	1FHL J1406.3-2509	...	bcb	NVSS J140609-250808
																		2FGL J1406.2-2510			
																		1FGL J1406.2-2510			
J1406.6+1644	211.651	16.737	5.946	69.746	0.081	0.072	-78	5.1	0.2	0.1	2.7	0.9	1.65	0.21	PL	...	...	1FHL J1406.4+1646	...	bl	RBS 1350
J1407.7-4256	211.949	-42.942	317.492	17.760	0.092	0.065	12	8.2	0.6	0.1	6.6	1.0	2.14	0.13	PL	...	...	2FGL J1407.5-4257	...	bcb	SUMSS J140739-430231
																		1FGL J1407.5-4256			
J1408.0-2924	212.008	-29.405	322.316	30.568	0.360	0.190	43	7.4	0.4	0.1	7.0	0.9	2.69	0.11	PL	...	...	2FGL J1407.4-2948	...	...	...
																		1FGL J1407.9-2928			
J1408.8-0751	212.204	-7.857	333.852	50.312	0.048	0.042	-53	20.8	1.8	0.1	23.2	1.4	2.38	0.04	PL	T	...	2FGL J1408.8-0751	...	fsrq	PKS B1406-076
																		1FGL J1408.9-0751			
																		3EG J1409-0745			
J1409.2-3743	212.303	-37.722	319.508	22.634	0.214	0.147	-86	5.8	0.3	0.1	6.5	1.0	2.70	0.15	PL	...	...	...	...	...	...
J1409.7-6132	212.425	-61.535	312.117	-0.067	0.083	0.055	87	11.4	5.3	0.5	63.1	6.9	2.26	0.06	PL	...	3,5	2FGL J1409.9-6129	...	PSR	PSR J1410-6132
																		1FGL J1410.3-6128c			
																		3EG J1410-6147			
																		1AGL J1412-6149			
J1410.4+2821	212.620	28.356	41.542	72.488	0.101	0.073	47	7.0	0.3	0.1	3.8	0.8	1.97	0.16	PL	...	...	2FGL J1410.3+2811	...	bl	RX J1410.4+2821
J1410.9+7406	212.742	74.107	115.745	41.893	0.042	0.038	79	15.8	0.7	0.1	7.6	0.7	2.16	0.09	PL	...	10	1FHL J1410.4+7408	...	...	...

Table 4—Continued

Name	3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																			1FGL J1412.6+7406			
J1411.1+3717	212.796	37.299	69.106	70.366	0.188	0.110	39	5.1	0.2	0.1	3.3	0.7	2.48	0.18	PL	...	1	...		...	...	...
J1411.4-0724	212.855	-7.414	335.071	50.399	0.072	0.063	-5	4.7	0.3	0.1	3.1	0.9	1.90	0.21	PL	...	...	...		...	...	...
J1411.8-5743	212.974	-57.717	313.536	3.488	0.101	0.087	-10	9.7	0.8	0.2	14.5	1.7	2.49	...	LP	...	12	2FGL J1411.9-5744		...	...	...
J1412.0+5249	213.020	52.817	98.112	60.251	0.089	0.080	39	4.6	0.2	0.0	2.7	0.7	2.56	0.23	PL	...	...	...		...	bcu	SBS 1410+530
J1412.3-6635	213.093	-66.597	310.858	-4.979	0.149	0.117	-60	7.5	1.1	0.2	8.2	1.5	2.36	...	LP	...	...	...		...	...	...
J1413.2-6518	213.317	-65.304	311.348	-3.778	0.148	0.096	-53	7.1	1.0	0.1	13.0	2.0	2.43	0.10	PL	...	3,4	...		...	sey	Circinus galaxy
J1413.4-6205	213.372	-62.087	312.375	-0.729	0.014	0.013	-39	62.4	28.2	0.6	198.4	5.5	2.17	...	EC	...	...	1FHL J1413.4-6205		...	PSR	LAT PSR J1413-6205
																		2FGL J1413.4-6204				
																		1FGL J1413.4-6205				
																		0FGL J1413.1-6203				
																		EGRc J1414-6224				
																		1AGL J1412-6149				
J1415.0-1001	213.756	-10.018	334.382	47.684	0.220	0.170	-54	4.1	0.3	0.1	4.2	1.0	2.49	0.15	PL	...	...	1FGL J1416.2-1001		...	fsrq	PKS B1412-096
J1415.2+4832	213.811	48.540	91.344	63.128	0.104	0.096	41	6.7	0.2	0.1	4.1	0.7	2.67	0.16	PL	...	...	...		...	bll	RX J1415.5+4830
J1416.0+1325	214.006	13.426	2.395	65.958	0.084	0.070	-84	9.3	0.5	0.1	6.8	0.9	2.36	0.11	PL	T	...	2FGL J1416.0+1323		...	bcu	PKS B1413+135
J1416.1-2417	214.039	-24.299	326.531	34.661	0.064	0.058	3	7.6	0.5	0.1	5.6	1.1	1.85	0.13	PL	...	...	2FGL J1416.3-2415		...	bll	NVSS J141612-241812
J1417.5-4402	214.377	-44.043	318.864	16.150	0.062	0.058	17	12.6	1.0	0.1	12.4	1.2	2.37	0.08	PL	...	...	2FGL J1417.5-4404		...	...	...
																		1FGL J1417.7-4407				
J1417.7-5026	214.430	-50.440	316.692	10.113	0.106	0.096	-0	6.2	0.6	0.1	8.8	1.5	2.49	0.13	PL	...	...	2FGL J1417.7-5028		...	...	...
																		1FGL J1417.7-5030				
J1417.8+2540	214.462	25.670	33.523	70.619	0.063	0.060	-6	6.5	0.4	0.1	4.0	0.8	2.16	0.19	PL	...	...	1FHL J1418.6+2539		...	bll	1E 1415.6+2557
																		2FGL J1418.1+2539				
																		1FGL J1417.8+2541				
J1418.4-0233	214.609	-2.564	341.582	53.649	0.022	0.022	-20	33.0	2.8	0.2	29.0	2.7	1.71	...	LP	T	...	1FHL J1418.4-0234		...	bll	NVSS J141826-023336
																		2FGL J1418.4-0234				
																		1FGL J1418.3-0235				
J1418.5+3543	214.650	35.719	63.190	69.578	0.027	0.025	-23	36.3	2.5	0.1	27.9	1.5	2.06	0.04	PL	T	...	...		...	BCU	NVSS J141828+354250
J1418.6-6058	214.665	-60.971	313.317	0.130	0.014	0.013	39	40.0	40.7	1.2	310.4	12.4	2.27	...	EC	...	5	1FHL J1418.6-6059		E	PSR	LAT PSR J1418-6058
																		2FGL J1418.7-6058				
																		1FGL J1418.7-6057				
																		0FGL J1418.8-6058				
																		1AGL J1419-6055				
J1418.9+7731	214.747	77.517	117.015	38.587	0.048	0.041	-6	11.2	0.5	0.1	5.4	0.8	1.91	0.11	PL	...	...	1FHL J1419.0+7730		...	bcu	1RXS J141901.8+773229
																		2FGL J1419.4+7730				

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J1419.7+7731			
J1419.1–5156	214.776	–51.942	316.390	8.624	0.211	0.097	45	6.5	0.6	0.1	11.1	1.7	2.66	0.11	PL	...	1,9	...	...	bcu	PMN J1419–5155
J1419.1–5534	214.784	–55.577	315.169	5.197	0.231	0.100	19	9.2	0.7	0.1	16.1	1.8	2.82	0.10	PL	...	1,4,9	...	...	...	...
J1419.5+0449	214.897	4.826	350.126	59.362	0.167	0.101	13	4.4	0.2	0.1	2.8	0.9	1.75	0.21	PL	...	...	...	...	bll	SDSS J141927.49+044513.7
J1419.5–0836	214.875	–8.611	336.849	48.376	0.075	0.065	–47	14.9	1.1	0.1	13.1	1.1	2.27	0.06	PL	T	...	2FGL J1419.4–0835	...	bcu	NVSS J141922–083830
J1419.8+3819	214.956	38.325	69.693	68.386	0.087	0.076	54	12.5	0.6	0.1	7.7	0.8	2.36	0.08	PL	...	...	2FGL J1419.4+3820	...	fsrq	B3 1417+385
J1419.9+5425	214.984	54.419	98.306	58.272	0.050	0.045	–38	20.1	1.0	0.1	11.8	0.8	2.31	0.06	PL	T	...	2FGL J1420.2+5422	...	bll	OQ 530
J1420.0–6048	215.008	–60.815	313.526	0.222	0.024	0.023	48	23.0	17.5	1.0	161.2	11.6	2.27	...	EC	...	...	1FHL J1420.1–6047 2FGL J1420.1–6047 1FGL J1420.1–6048 3EG J1420–6038 EGR J1418–6040 1AGL J1419–6055	E	PSR	PSR J1420–6048
J1420.9–4615	215.243	–46.255	318.668	13.863	0.165	0.120	22	6.7	0.4	0.1	7.8	1.2	2.70	0.15	PL	...	1	...	...	...	...
J1421.0–1122	215.262	–11.375	335.330	45.785	0.091	0.082	–69	6.5	0.4	0.1	5.0	1.0	2.06	0.13	PL	...	...	2FGL J1421.1–1117	...	bcu	PMN J1420–1118
J1421.0–2431	215.260	–24.528	327.655	34.006	0.122	0.115	67	5.4	0.4	0.1	4.7	0.9	2.20	0.13	PL	...	...	...	...	...	...
J1421.8–7920	215.466	–79.348	307.199	–17.233	0.170	0.139	72	4.4	0.4	0.1	4.2	1.0	2.14	0.14	PL	...	...	...	...	...	...
J1422.4+3227	215.614	32.452	53.540	69.592	0.245	0.214	38	4.6	0.2	0.1	3.3	0.7	2.56	0.21	PL	...	...	...	...	fsrq	OQ 334
J1422.4–6137	215.615	–61.633	313.523	–0.647	0.023	0.021	–13	25.4	8.1	0.5	48.6	3.5	2.04	...	EC	...	...	2FGL J1422.5–6137c	...	PSR	LAT PSR J1422–6138
J1422.8+5801	215.722	58.027	101.808	55.190	0.079	0.058	–89	7.0	0.3	0.1	3.0	0.6	2.02	0.22	PL	...	...	1FGL J1422.2+5757	...	bll	1ES 1421+582
J1422.8–7828	215.719	–78.479	307.572	–16.440	0.111	0.089	–67	4.4	0.3	0.1	3.6	0.9	2.05	0.15	PL	...	10	1FGL J1424.5–7847	...	fsrq	PKS 1418–782
J1424.3+0434	216.092	4.581	351.538	58.389	0.106	0.095	–3	6.2	0.4	0.1	4.6	0.9	2.36	0.14	PL	...	...	...	...	bll	TXS 1421+048
J1424.3–1753	216.094	–17.886	332.120	39.661	0.068	0.055	89	7.3	0.5	0.1	5.7	1.0	2.17	0.13	PL	...	...	2FGL J1424.2–1752	...	...	...
J1424.6–6807	216.159	–68.132	311.465	–6.818	0.062	0.057	–26	17.5	1.6	0.1	24.8	1.6	2.54	0.05	PL	T	...	...	...	bcu	PKS 1420–679
J1424.9+3615	216.244	36.254	63.470	68.186	0.040	0.037	–18	15.4	0.9	0.1	9.6	1.0	2.10	0.08	PL	...	...	1FHL J1425.1+3613	...	bll	FBQS J142455.5+361536
																		2FGL J1425.1+3615 1FGL J1425.0+3614			
J1426.2+3402	216.564	34.044	57.500	68.514	0.075	0.066	82	6.9	0.3	0.1	3.7	0.8	1.93	0.14	PL	...	...	2FGL J1426.1+3406 1FGL J1426.0+3403	...	bll	RGB J1426+340
J1427.0+2347	216.757	23.800	29.490	68.203	0.010	0.010	48	107.4	13.6	0.3	148.6	5.0	1.82	...	LP	T	...	1FHL J1427.0+2347 2FGL J1427.0+2347 1FGL J1426.9+2347 0FGL J1427.1+2347	P	BLL	PKS 1424+240
J1427.2+1610	216.808	16.174	11.591	65.256	0.436	0.332	–16	5.0	0.1	0.1	4.8	0.9	3.01	0.20	PL	...	...	...	...	...	...
J1427.6–3305	216.909	–33.092	325.177	25.591	0.043	0.041	–46	19.6	1.6	0.1	21.4	1.3	2.42	0.05	PL	T	...	2FGL J1427.4–3306	...	bll	PKS B1424–328

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1427.8–3215	216.960	–32.252	325.598	26.342	0.099	0.087	10	4.5	0.3	0.1	3.5	0.9	2.04	0.19	PL	...	...	...	...	bcu	NVSS J142750–321515
J1427.9–4206	216.991	–42.111	321.451	17.264	0.013	0.012	21	129.8	18.2	0.3	179.9	3.1	2.21	...	LP	T	...	1FHL J1428.0–4206 2FGL J1428.0–4206 1FGL J1428.2–4204 3EG J1429–4217 EGR J1428–4240	...	FSRQ	PKS B1424–418
J1428.5+4240	217.149	42.671	77.472	64.891	0.028	0.026	–58	16.7	0.7	0.1	10.3	1.5	1.57	0.09	PL	...	...	1FHL J1428.6+4239 2FGL J1428.6+4240 1FGL J1428.7+4239	P	bll	H 1426+428
J1429.8–5910	217.468	–59.176	315.256	1.320	0.025	0.024	77	40.4	11.7	0.4	87.6	3.2	2.30	...	EC	...	...	2FGL J1430.0–5909 1FGL J1429.9–5911	...	PSR	LAT PSR J1429–5911
J1430.8–4434	217.713	–44.569	320.973	14.793	0.069	0.068	–17	7.7	0.6	0.1	7.8	1.2	2.35	0.12	PL	...	...	...	...	...	...
J1431.1–6425	217.796	–64.423	313.441	–3.606	0.391	0.228	63	5.0	0.6	0.1	10.3	1.9	2.59	0.12	PL	...	4	...	...	...	...
J1434.1+4203	218.539	42.057	75.064	64.287	0.096	0.076	86	8.4	0.4	0.1	4.8	0.7	2.39	0.12	PL	T	...	2FGL J1433.8+4205 1FGL J1433.9+4204	...	fsrq	B3 1432+422
J1434.6+1951	218.656	19.865	21.375	65.307	0.152	0.132	–87	4.5	0.4	0.1	4.2	1.2	2.25	0.23	PL	...	...	...	...	fsrq	OQ 253
J1434.6+6640	218.655	66.682	108.193	47.385	0.047	0.043	–86	6.9	0.1	0.0	2.5	0.7	1.52	0.18	PL	...	5	...	...	bcu	1RXS J143442.0+664031
J1435.2+2023	218.820	20.387	22.674	65.355	0.125	0.103	4	5.8	0.4	0.1	6.8	1.4	2.55	0.15	PL	...	...	2FGL J1435.1+2022	...	bll	TXS 1433+205
J1436.8+2322	219.215	23.367	29.829	65.912	0.087	0.078	3	8.1	0.4	0.1	6.0	0.9	2.41	0.14	PL	...	...	2FGL J1436.9+2319 1FGL J1436.9+2314	...	fsrq	PKS B1434+235
J1436.8+5639	219.213	56.661	97.753	55.009	0.043	0.035	50	11.7	0.5	0.1	5.3	0.7	1.98	0.13	PL	...	...	1FHL J1436.9+5642 2FGL J1437.1+5640 1FGL J1437.0+5640	...	bll	RBS 1409
J1438.6–4209	219.669	–42.161	323.331	16.424	0.102	0.088	–37	5.1	0.4	0.1	4.9	1.3	2.32	0.22	PL	...	...	...	...	...	...
J1438.7+3710	219.688	37.168	63.620	65.278	0.047	0.046	–38	28.1	1.5	0.1	19.3	1.0	2.36	0.04	PL	T	...	2FGL J1438.7+3712 1FGL J1438.7+3711	...	fsrq	B2 1436+37B
J1439.2+3931	219.822	39.520	68.795	64.433	0.054	0.047	68	10.1	0.4	0.1	5.6	1.0	1.77	0.11	PL	...	...	1FHL J1439.3+3933 2FGL J1439.2+3932 1FGL J1439.2+3930	...	bll	PG 1437+398
J1440.0–3955	220.005	–39.923	324.564	18.344	0.064	0.059	3	5.5	0.3	0.1	3.8	1.0	1.86	0.21	PL	...	...	...	...	bcu	1RXS J143949.8–395524
J1440.1+4955	220.027	49.925	87.935	59.168	0.158	0.101	–74	10.5	0.4	0.1	6.7	0.7	2.60	0.10	PL	...	...	2FGL J1440.3+4948	...	bll	GB6 J1439+4958
J1440.2–1538	220.062	–15.634	337.860	39.745	0.111	0.104	–48	6.9	0.6	0.1	7.2	1.1	2.35	0.11	PL	...	...	2FGL J1440.3–1540 1FGL J1441.7–1538	...	bll	PKS 1437–153
J1440.4–3845	220.119	–38.763	325.175	19.354	0.052	0.045	–83	8.1	0.5	0.1	6.1	1.3	1.73	0.15	PL	...	...	1FHL J1440.6–3847	...	bll	1RXS J144037.4–384658
J1440.9+0610	220.246	6.181	359.085	56.589	0.040	0.036	88	14.5	0.9	0.1	11.0	1.0	2.25	0.08	PL	T	...	1FHL J1441.0+0609	...	bll	PMN J1440+0610

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		2FGL J1440.9+0611			
J1441.5–5955c	220.397	–59.928	316.328	0.048	0.095	0.056	–48	6.7	2.2	0.3	24.9	4.1	2.18	0.09	PL	...	3,6	1FGL J1440.9+0613 2FGL J1441.6–5956	...	spp	...
J1442.0+4348	220.510	43.815	77.050	62.195	0.072	0.057	–23	7.8	0.3	0.1	3.7	0.8	1.78	0.15	PL	...	...	1FGL J1442.0–6000c 2FGL J1442.0+4352	...	bll	SDSS J144207.15+434836.6
J1442.6+5156	220.669	51.937	90.464	57.601	0.125	0.110	75	4.3	0.2	0.1	2.2	0.6	1.91	0.18	PL	...	...	1FGL J1442.1+4348 ...	...	rdg	3C 303
J1442.8+1200	220.722	12.015	8.360	59.825	0.042	0.040	2	11.1	0.6	0.1	6.9	1.2	1.80	0.12	PL	...	...	1FHL J1442.9+1158 2FGL J1442.7+1159	P	bll	1ES 1440+122
J1443.9+2502	220.996	25.039	34.590	64.695	0.052	0.048	–38	15.2	0.9	0.1	10.6	1.0	2.13	0.07	PL	...	...	1FGL J1442.8+1158 2FGL J1444.1+2500	...	fsrq	PKS 1441+25
J1444.0–3907	221.009	–39.130	325.664	18.721	0.018	0.017	–71	34.0	3.2	0.2	39.6	2.5	1.81	0.04	PL	...	...	1FGL J1443.8+2457 1FHL J1444.0–3908	...	bll	PKS 1440–389
J1444.0–7033	221.013	–70.564	312.098	–9.723	0.143	0.127	–71	4.9	0.4	0.1	5.6	1.1	2.45	0.16	PL	...	...	2FGL J1443.9–3908 1FGL J1444.0–3906	...	...	...
J1445.0–0328	221.263	–3.472	349.200	48.920	0.091	0.068	–47	8.1	0.6	0.1	7.2	1.2	1.96	0.12	PL	...	...	...	...	bll	RBS 1424
J1445.7–5925	221.447	–59.428	317.019	0.280	0.155	0.125	11	4.2	1.4	0.3	18.1	4.5	2.34	0.13	PL	...	3,4	...	...	...	...
J1446.1–1628	221.527	–16.472	338.811	38.283	0.115	0.093	29	5.6	0.5	0.1	5.8	1.1	2.36	0.14	PL	...	...	...	...	bll	PKS B1443–162
J1446.6–4701	221.662	–47.033	322.505	11.414	0.076	0.072	–58	11.0	1.0	0.1	12.6	1.3	2.30	0.08	PL	...	7,10	2FGL J1446.8–4701	...	PSR	PSR J1446–4701
J1446.8–1831	221.710	–18.531	337.599	36.454	0.109	0.091	37	4.2	0.2	0.1	3.3	1.0	1.72	0.21	PL	...	...	1FGL J1446.8–4702 ...	...	bcu	NVSS J144644–182922
J1447.3–5800	221.831	–58.005	317.808	1.480	0.119	0.086	–53	14.2	2.0	0.3	37.8	3.0	2.72	...	LP	...	...	2FGL J1446.6–5753	...	...	...
J1448.0+3608	222.010	36.145	60.270	63.717	0.032	0.030	76	23.1	1.3	0.1	15.8	1.5	1.82	0.06	PL	T	...	1FHL J1448.2+3607 2FGL J1448.0+3608	...	bll	RBS 1432
J1450.4+0911	222.620	9.191	6.032	56.670	0.098	0.082	70	7.2	0.4	0.1	5.5	0.9	2.35	0.13	PL	...	...	1FGL J1447.9+3608 ...	...	fsrq	TXS 1448+093
J1450.9+5200	222.745	52.003	89.118	56.551	0.069	0.062	–65	9.7	0.6	0.1	6.5	0.9	2.18	0.09	PL	...	...	2FGL J1451.0+5159	...	bll	SDSS J145059.99+520111.7
J1451.2+6355	222.805	63.919	103.603	48.468	0.084	0.068	9	5.6	0.2	0.1	2.3	0.6	1.88	0.20	PL	...	...	1FGL J1451.0+5204 ...	...	bll	RX J1451.4+6354
J1454.0+1622	223.503	16.380	18.549	59.680	0.174	0.148	–71	6.4	0.3	0.1	5.3	0.9	2.59	0.13	PL	...	...	...	...	fsrq	CLASS J1454+1623
J1454.2–3751	223.566	–37.856	328.160	18.926	0.132	0.109	75	9.1	0.5	0.1	10.1	1.2	2.76	0.11	PL	...	...	...	...	fsrq	PKS 1451–375
J1454.5+5124	223.630	51.408	87.664	56.449	0.026	0.025	–21	33.6	2.4	0.1	26.9	1.4	2.08	0.04	PL	T	...	1FHL J1454.4+5120 2FGL J1454.4+5123	...	bll	TXS 1452+516
																		1FGL J1454.6+5125			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV Class	ID or Assoc.
J1456.7–6046	224.195	–60.777	317.646	–1.537	0.150	0.102	71	6.3	1.2	0.3	28.4	4.6	2.37	...	LP	...	1,5,12	...	E	...
J1457.4–3539	224.355	–35.657	329.888	20.536	0.021	0.020	60	62.2	6.6	0.2	68.3	2.1	2.29	...	LP	T	...	1FHL J1457.3–3544 2FGL J1457.4–3540 1FGL J1457.5–3540 0FGL J1457.6–3538 3EG J1500–3509	...	FSRQ PKS 1454–354
J1457.6–5355	224.412	–53.926	320.935	4.475	0.091	0.083	75	4.5	0.6	0.1	7.6	1.8	2.42	0.16	PL	...	...	...	...	...
J1457.6–6249	224.400	–62.830	316.777	–3.400	0.242	0.229	–79	5.0	0.8	0.2	11.0	2.2	2.45	0.12	PL	...	4	2FGL J1456.7–6247c	...	...
J1458.7+3719	224.685	37.325	61.838	61.378	0.181	0.122	90	4.5	0.2	0.1	2.7	0.7	2.24	0.18	PL	...	...	...	...	bll B3 1456+375
J1458.7–2120	224.688	–21.335	338.591	32.578	0.102	0.084	69	7.4	0.6	0.1	7.1	1.0	2.34	0.11	PL	...	...	2FGL J1458.5–2121	...	...
J1459.4–6053	224.866	–60.900	317.878	–1.798	0.020	0.020	52	37.4	12.4	0.5	110.4	5.2	2.37	...	EC	...	...	2FGL J1459.4–6054 1FGL J1459.4–6053 0FGL J1459.4–6056	E	PSR LAT PSR J1459–6053
J1500.6+4750	225.173	47.841	81.118	57.443	0.108	0.098	–21	4.7	0.3	0.1	5.1	1.2	2.64	0.15	PL	...	5	...	...	bll TXS 1459+480
J1500.9+2238	225.241	22.636	31.439	60.365	0.032	0.027	43	20.4	1.3	0.1	14.8	1.4	1.92	0.06	PL	T	...	1FHL J1501.0+2238 2FGL J1501.0+2238 1FGL J1501.1+2237	...	bll MS 1458.8+2249
J1502.2+5553	225.555	55.886	92.785	52.899	0.070	0.064	47	12.6	0.5	0.1	8.5	0.7	2.58	0.08	PL	T	...	2FGL J1502.1+5548	...	...
J1503.5–5801	225.893	–58.029	319.709	0.472	0.071	0.053	44	12.8	4.3	0.4	35.5	4.1	2.42	...	LP	...	...	2FGL J1503.9–5800c 1FGL J1503.4–5805c	E	...
J1503.7+4759	225.925	47.987	80.927	56.928	0.089	0.069	–68	8.7	0.6	0.1	6.4	1.0	2.22	0.13	PL	...	...	1FGL J1503.3+4759	...	bll SDSS J150347.99+475930.9
J1503.7–1540	225.947	–15.676	343.762	36.493	0.043	0.038	–46	13.5	0.9	0.1	12.0	1.6	1.77	0.09	PL	...	...	1FHL J1503.9–1540 2FGL J1503.7–1541 1FGL J1503.5–1544 3EG J1504–1537 EGR J1504–1539	...	bll RBS 1457
J1503.7–6426	225.929	–64.449	316.600	–5.147	0.049	0.043	50	10.7	1.2	0.1	15.4	1.7	2.33	0.07	PL	T	...	...	...	bcu AT20G J150350–642539
J1504.4+1029	226.105	10.494	11.382	54.580	0.012	0.011	–67	189.5	24.0	0.4	243.9	3.1	2.24	...	LP	T	...	1FHL J1504.3+1029 2FGL J1504.3+1029 1FGL J1504.4+1029 0FGL J1504.4+1030	...	FSRQ PKS 1502+106
J1504.5–8242	226.142	–82.710	307.209	–20.970	0.151	0.124	36	4.1	0.3	0.1	3.6	0.9	2.30	0.17	PL	...	4	...	...	bcu 1RXS J150537.1–824233
J1505.0–3432	226.250	–34.547	331.917	20.699	0.091	0.072	–20	7.5	0.6	0.1	7.1	1.1	2.23	0.11	PL	...	...	2FGL J1504.9–3433 1FGL J1505.1–3435 3EG J1500–3509	...	bll PMN J1505–3432

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1505.1+0326	226.278	3.449	2.237	50.258	0.060	0.057	-67	22.0	1.3	0.1	21.6	1.2	2.61	0.05	PL	...	...	2FGL J1505.1+0324 1FGL J1505.0+0328	...	nlsy1	PKS 1502+036
J1506.1+3728	226.549	37.479	61.577	59.895	0.080	0.070	32	15.3	0.8	0.1	10.7	0.9	2.45	0.07	PL	T	...	2FGL J1506.0+3729 1FGL J1505.8+3725	...	fsrq	B2 1504+37
J1506.3+4332	226.594	43.544	72.973	58.278	0.086	0.080	-67	5.8	0.3	0.1	2.9	0.7	1.95	0.15	PL	...	...	...	...	bll	NVSS J150617+433413
J1506.4-0340	226.622	-3.668	354.808	45.170	0.122	0.103	35	4.2	0.4	0.1	4.4	1.2	2.33	0.17	PL	...	...	...	...	...	...
J1506.6+0811	226.675	8.185	8.670	52.827	0.070	0.057	-1	9.5	0.6	0.1	6.8	1.1	1.87	0.11	PL	...	...	2FGL J1506.6+0806	...	bll	PMN J1506+0814
J1506.6-6219	226.668	-62.331	317.934	-3.466	0.072	0.053	-1	7.2	0.8	0.2	9.3	1.7	1.86	0.15	PL	...	...	1FHL J1507.0-6223 2FGL J1507.0-6223	E	...	...
J1507.4+1725	226.869	17.420	22.922	57.185	0.120	0.109	-24	4.7	0.2	0.1	2.8	0.8	1.78	0.20	PL	...	...	...	...	bll	NVSS J150716+172103
J1507.6-3710	226.909	-37.178	330.937	18.179	0.145	0.092	-73	5.5	0.4	0.1	4.9	1.0	2.13	0.15	PL	...	...	...	...	bcu	NVSS J150720-370903
J1508.6+2709	227.165	27.157	41.000	59.570	0.051	0.044	-37	6.9	0.3	0.1	3.6	0.9	1.71	0.21	PL	...	...	2FGL J1508.5+2709	...	bll	RBS 1467
J1508.7-4956	227.184	-49.933	324.388	7.131	0.102	0.075	77	10.1	1.0	0.1	19.7	2.0	2.73	0.07	PL	T	5	2FGL J1508.5-4957	...	bcu	PMN J1508-4953
J1509.4-5850	227.365	-58.845	319.976	-0.618	0.020	0.020	-75	36.4	15.4	0.6	102.9	5.5	2.33	...	EC	...	...	2FGL J1509.6-5850 1FGL J1509.4-5850 0FGL J1509.5-5848 1AGL J1506-5859	...	PSR	PSR J1509-5850
J1509.7+5556	227.438	55.935	91.832	52.016	0.048	0.044	89	10.7	0.5	0.1	5.4	0.9	1.87	0.11	PL	...	...	2FGL J1509.7+5556 1FGL J1509.4+5602	...	bll	SBS 1508+561
J1509.9-2951	227.484	-29.864	335.597	24.083	0.367	0.269	-26	6.2	0.3	0.1	7.6	1.2	2.78	0.13	PL	...	1	...	...	bcu	TXS 1507-296
J1510.2-5754	227.570	-57.916	320.538	0.130	0.156	0.076	-6	9.1	2.9	0.3	43.5	5.3	2.52	0.08	PL	...	4	1FGL J1510.8-5804c	...	...	...
J1510.9-0542	227.747	-5.706	353.945	42.928	0.047	0.043	-30	16.7	2.0	0.2	27.0	2.0	2.43	0.05	PL	...	...	2FGL J1510.9-0545 1FGL J1511.1-0545 0FGL J1511.2-0536	...	fsrq	PKS 1508-05
J1511.8-0513	227.960	-5.219	354.618	43.128	0.050	0.041	-82	10.6	0.9	0.1	10.6	1.6	2.03	0.11	PL	...	...	2FGL J1511.8-0513 1FGL J1511.8-0513	...	bcu	NVSS J151148-051345
J1512.2+0202	228.065	2.033	2.330	47.980	0.038	0.035	18	23.7	2.0	0.1	23.4	1.5	2.20	0.05	PL	...	...	1FHL J1512.2+0204 2FGL J1512.2+0201 1FGL J1512.3+0201	...	fsrq	PKS 1509+022
J1512.2-2255	228.075	-22.931	340.523	29.471	0.060	0.051	-48	8.3	0.6	0.1	7.5	1.3	1.91	0.12	PL	...	...	1FHL J1512.1-2255 1FGL J1511.9-2253	...	bcu	1RXS J151213.1-225515
J1512.3+6622	228.087	66.373	103.792	45.164	0.139	0.119	78	4.1	0.2	0.1	2.3	0.6	2.23	0.20	PL	...	...	...	...	...	...
J1512.3+8005	228.089	80.088	115.965	35.052	0.134	0.111	52	5.0	0.2	0.0	2.8	0.6	2.51	0.19	PL	...	...	...	...	bcu	1RXS J151026.3+795946
J1512.8-0906	228.213	-9.103	351.289	40.135	0.010	0.009	-26	207.3	41.1	0.5	492.8	4.9	2.36	...	LP	T	1,4,5	1FHL J1512.8-0906 2FGL J1512.8-0906	P	FSRQ	PKS 1510-08

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J1512.8–0906			
																		0FGL J1512.7–0905			
																		3EG J1512–0849			
																		EGR J1512–0857			
																		1AGL J1511–0908			
J1512.8–5639	228.203	–56.666	321.471	1.029	0.053	0.047	71	7.1	1.5	0.2	21.5	3.2	2.46	0.09	PL	T	...	...	...	...	...
J1513.1–1014	228.290	–10.241	350.372	39.239	0.230	0.161	43	4.6	0.5	0.1	11.5	2.6	2.77	0.17	PL	...	5	...	...	fsrq	PKS 1511–100
J1513.3–3719	228.329	–37.319	331.863	17.458	0.091	0.076	–26	4.3	0.2	0.1	2.9	0.9	1.68	0.22	PL	...	...	...	...	...	...
J1513.4–2549	228.368	–25.827	338.848	26.965	0.079	0.069	68	11.0	1.2	0.1	7.0	1.0	2.23	...	LP	...	...	2FGL J1513.5–2546	...	psr	PSR J1513–25
																		3EG J1517–2538			
J1513.5–3233	228.377	–32.553	334.669	21.422	0.092	0.068	–19	12.6	1.1	0.1	14.2	1.3	2.34	0.07	PL	T	...	2FGL J1513.6–3233	...	fsrq	PKS 1510–324
J1513.8–6250c	228.454	–62.845	318.382	–4.326	0.139	0.063	0	9.8	1.3	0.2	21.6	2.2	2.58	0.07	PL	...	1,3,6,9	2FGL J1512.5–6247c	...	...	...
J1513.9–5908	228.482	–59.136	320.321	–1.162	...	...	...	7.4	1.1	0.3	45.0	5.3	3.12	0.13	PL	...	1,3	1FGL J1513.2–5904	...	PSR	PSR J1513–5908
																		...			
J1514.0–5915e	228.507	–59.256	320.270	–1.271	...	...	...	...	2.9	...	45.6	...	1.57	...	PL	...	...	1FHL J1514.0–5915e	E	PWN	MSH 15–52
																		2FGL J1514.0–5915e			∞
																		1FGL J1514.7–5917			
J1514.1+2940	228.536	29.682	46.139	58.637	0.248	0.237	–42	4.4	0.2	0.1	4.2	1.0	2.88	0.21	PL	...	...	...	...	fsrq	MG2 J151421+2930
J1514.2–4947	228.558	–49.784	325.231	6.803	0.021	0.021	–32	39.4	6.6	0.3	42.8	2.1	2.07	...	EC	...	...	1FHL J1514.3–4945	...	PSR	PSR J1514–4946
																		2FGL J1514.1–4946			
																		1FGL J1514.1–4945			
																		0FGL J1514.3–4946			
J1514.5–4750	228.641	–47.835	326.309	8.434	0.071	0.055	59	13.1	1.4	0.1	17.4	1.6	2.33	0.07	PL	T	...	2FGL J1514.6–4751	...	fsrq	PMN J1514–4748
																		1FGL J1514.1–4745			
J1514.8+4446	228.711	44.778	74.177	56.432	0.078	0.066	–69	15.7	0.8	0.1	10.4	0.9	2.34	0.07	PL	...	...	2FGL J1514.6+4449	...	fsrq	NVSS J151436+445003
																		1FGL J1514.7+4447			
J1514.8–3623	228.719	–36.385	332.673	18.070	0.171	0.145	87	5.0	0.4	0.1	5.5	1.1	2.41	0.13	PL	...	...	...	...	bcu	PMN J1514–3617
J1516.7+3648	229.192	36.809	59.685	57.912	0.109	0.097	45	5.6	0.3	0.1	3.3	0.7	2.23	0.14	PL	...	...	2FGL J1517.2+3645	...	bll	MG2 J151646+3650
J1516.9+1926	229.236	19.446	27.834	55.842	0.256	0.199	16	6.4	0.3	0.1	6.0	0.9	2.77	0.14	PL	...	...	2FGL J1516.9+1925	...	bll	PKS 1514+197
																		1FGL J1516.9+1928			
J1517.0+2637	229.253	26.631	40.537	57.649	0.109	0.085	–55	4.1	0.2	0.1	2.2	0.7	2.00	0.23	PL	...	...	...	...	...	...
J1517.6+6524	229.419	65.415	102.263	45.403	0.032	0.029	–29	18.5	0.8	0.1	10.2	1.1	1.78	0.07	PL	...	1,3	1FHL J1517.9+6526	...	bll	1H 1515+660
																		2FGL J1518.0+6526			
																		1FGL J1517.8+6530			
J1517.6–2422	229.421	–24.376	340.676	27.577	0.020	0.020	–54	45.4	5.2	0.2	58.4	2.2	2.11	0.03	PL	...	...	1FHL J1517.8–2421	P	bll	AP Librae

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		2FGL J1517.7–2421			
																		1FGL J1517.8–2423			
																		0FGL J1517.9–2423			
J1517.6–4442	229.405	–44.702	328.456	10.805	0.252	0.141	–77	6.7	0.6	0.1	9.6	1.5	2.57	0.11	PL	...	...	...	...	...	...
J1518.0–2732	229.520	–27.539	338.667	24.974	0.036	0.034	49	18.4	1.8	0.1	20.7	1.6	2.13	0.06	PL	T	...	1FHL J1518.4–2733	...	bcu	TXS 1515–273
																		2FGL J1518.2–2733			
J1518.2–5232	229.571	–52.535	324.313	4.132	0.068	0.058	–25	10.4	1.4	0.2	16.4	1.8	2.24	0.07	PL	...	...	2FGL J1518.4–5233	...	...	...
																		1FGL J1518.0–5233			
J1520.3+4209	230.093	42.154	69.121	56.235	0.111	0.107	66	10.0	0.5	0.1	6.9	0.8	2.50	0.09	PL	T	...	2FGL J1520.9+4209	...	fsrq	B3 1518+423
																		1FGL J1519.7+4216			
J1520.8–0348	230.203	–3.812	358.118	42.506	0.039	0.034	–64	15.8	1.2	0.1	14.7	1.7	1.83	0.07	PL	...	...	1FHL J1520.8–0348	...	bll	NVSS J152048–034850
																		2FGL J1520.8–0349			
																		1FGL J1521.0–0350			
J1521.1+5543	230.296	55.722	90.145	50.786	0.105	0.073	90	6.5	0.3	0.1	3.2	0.6	2.17	0.18	PL	...	...	...	...	bll	SDSS | J152034.98+554256.9
J1521.8+4340	230.466	43.674	71.608	55.573	0.156	0.143	59	5.8	0.3	0.1	4.4	0.8	2.61	0.14	PL	T	...	2FGL J1522.0+4348	...	fsrq	B3 1520+437
J1521.9–5736	230.486	–57.611	322.021	–0.428	0.032	0.031	31	27.0	9.4	0.5	69.3	3.9	2.35	...	EC	...	...	2FGL J1521.8–5735	...	PSR	LAT PSR J1522–5734
																		1FGL J1521.8–5734c			
J1522.1+3144	230.543	31.736	50.163	57.022	0.012	0.012	21	192.7	17.9	0.3	211.9	2.7	2.35	...	LP	T	...	1FHL J1522.2+3145	...	fsrq	B2 1520+31
																		2FGL J1522.1+3144			
																		1FGL J1522.1+3143			
																		0FGL J1522.2+3143			
J1522.6–2730	230.662	–27.508	339.585	24.399	0.035	0.031	–74	26.0	2.9	0.2	32.7	1.9	2.13	0.04	PL	T	...	2FGL J1522.7–2731	...	bll	PKS 1519–273
																		1FGL J1522.6–2732			
J1525.2–5905	231.317	–59.087	321.576	–1.902	0.243	0.175	23	4.1	0.7	0.2	15.4	3.7	2.79	0.22	PL	...	4,5	...	...	bcu	PMN J1524–5903
J1525.8–0834	231.470	–8.579	354.760	38.289	0.079	0.065	73	4.2	0.2	0.1	2.6	0.9	1.64	0.26	PL	...	...	...	...	...	...
J1526.3–4505	231.586	–45.086	329.549	9.631	0.090	0.080	48	5.4	0.5	0.1	7.7	1.7	2.52	0.17	PL	...	1	...	...	...	...
J1527.0–3804	231.754	–38.080	333.757	15.308	0.087	0.080	30	4.5	0.4	0.1	4.7	1.1	2.33	0.18	PL	...	...	...	...	...	...
J1528.1–2904	232.036	–29.068	339.610	22.426	0.082	0.059	24	4.3	0.2	0.1	3.0	1.0	1.70	0.24	PL	...	...	...	...	...	...
J1528.3–5836	232.078	–58.608	322.171	–1.724	0.055	0.049	–64	11.5	3.1	0.3	12.5	1.3	2.44	...	LP	...	12	2FGL J1528.0–5841	...	...	...
J1528.7–2247	232.175	–22.787	344.018	27.271	0.185	0.134	–36	4.4	0.4	0.1	4.6	1.0	2.24	0.15	PL	...	...	3EG J1527–2358	...	...	...
J1529.5+6733	232.399	67.559	103.487	43.114	0.137	0.111	–16	4.6	0.2	0.0	2.4	0.6	2.24	0.17	PL	...	...	...	...	...	...
J1531.0+5737	232.767	57.621	91.599	48.649	0.066	0.054	19	9.3	0.4	0.1	4.7	0.7	2.27	0.13	PL	...	...	2FGL J1531.0+5725	...	bll	87GB 152947.5+574636
																		...			
J1531.8+4704	232.954	47.081	76.297	52.896	0.143	0.111	65	4.9	0.2	0.1	2.7	0.6	2.32	0.20	PL	...	...	...	...	bll	1RXS J153148.8+465912
J1532.0+3018	233.022	30.308	47.846	54.815	0.054	0.048	8	8.2	0.4	0.1	4.5	0.9	1.77	0.13	PL	...	...	1FGL J1531.8+3018	...	bll	RX J1531.9+3016

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1532.0–2618	233.014	–26.303	342.211	24.063	0.095	0.080	–34	4.4	0.4	0.1	4.5	1.1	2.18	0.17	PL	...	...	...	...	...	...
J1532.7–1319	233.188	–13.325	352.143	33.719	0.024	0.023	–64	35.6	3.9	0.2	43.2	2.0	2.09	0.03	PL	T	...	1FHL J1532.6–1317	...	bcu	TXS 1530–131
J1533.2+1852	233.312	18.871	29.161	52.028	0.083	0.078	42	6.7	0.4	0.1	4.2	0.9	1.89	0.18	PL	...	...	...	...	bll	RX J1533.1+1854
J1533.5+3416	233.387	34.281	54.746	54.666	0.094	0.087	–45	5.9	0.3	0.1	3.3	0.8	1.85	0.16	PL	...	...	...	...	bll	RX J1533.3+3416
J1533.8–5231	233.473	–52.533	326.289	2.812	0.055	0.048	–21	6.4	0.8	0.2	9.1	1.8	1.97	0.12	PL	...	...	...	...	...	...
J1534.4+5323	233.607	53.398	85.503	50.182	0.156	0.136	54	4.1	0.2	0.1	2.2	0.6	1.96	0.20	PL	...	...	...	...	bll	1ES 1533+535
J1534.5+0128	233.645	1.483	6.676	43.270	0.150	0.141	–52	8.5	0.4	0.1	8.9	1.1	2.78	0.11	PL	T	...	...	...	fsrq	PKS 1532+01
J1535.0+3721	233.754	37.365	60.025	54.236	0.107	0.071	–10	7.7	0.4	0.1	4.6	0.8	2.11	0.12	PL	...	...	2FGL J1535.4+3720	...	bll	RGB J1534+372
J1535.7+3920	233.931	39.335	63.340	53.899	0.101	0.096	86	4.8	0.2	0.1	2.7	0.6	2.10	0.15	PL	...	...	...	...	bll	RX J1535.4+3922
J1536.3–4949	234.099	–49.822	328.196	4.782	0.016	0.016	–87	60.1	11.8	0.3	87.4	3.0	2.04	...	LP	...	...	1FHL J1536.4–4951 2FGL J1536.4–4949 1FGL J1536.5–4949 0FGL J1536.7–4947	...	psr	PSR J1536–4948
J1536.6+8331	234.162	83.532	117.908	31.898	0.259	0.132	–16	4.3	0.2	0.1	3.1	0.7	2.48	0.17	PL	...	...	...	...	bcu	NVSS J153556+832614
J1537.8–8000	234.470	–80.009	309.952	–19.489	0.052	0.046	13	12.2	0.9	0.1	10.7	1.1	2.19	0.08	PL	T	...	2FGL J1537.4–7957	...	bcu	PMN J1537.8–7958
J1538.4–4656	234.603	–46.935	330.187	6.909	0.477	0.291	39	12.5	0.9	0.1	21.1	1.8	2.85	0.08	PL	...	3,9	2FGL J1539.3–4636	...	...	...
J1539.2–3324	234.823	–33.414	338.759	17.534	0.037	0.035	67	19.2	2.4	0.2	11.6	1.0	1.81	...	LP	...	...	2FGL J1539.2–3325 1FGL J1539.0–3328	...	...	...
J1539.5+2746	234.887	27.767	43.910	52.883	0.053	0.048	47	14.8	0.9	0.1	10.2	1.0	2.08	0.07	PL	T	...	2FGL J1539.5+2747 1FGL J1539.7+2747	...	fsrq	MG2 J153938+2744
J1539.8–1128	234.958	–11.479	355.183	33.808	0.101	0.081	55	5.8	0.5	0.1	5.4	1.2	2.08	0.16	PL	...	...	...	...	bcu	PMN J1539–1128
J1540.1+8155	235.025	81.924	116.478	32.966	0.040	0.030	–39	14.6	0.5	0.1	8.1	1.2	1.60	0.08	PL	...	...	1FHL J1537.5+8159 2FGL J1538.1+8159 ...	...	bll	1ES 1544+820
J1540.8+1449	235.201	14.833	24.375	48.819	0.098	0.076	–87	4.8	0.4	0.1	4.7	1.2	2.34	0.17	PL	...	...	2FGL J1540.4+1438	...	bll	4C +14.60
J1541.6+1414	235.403	14.234	23.676	48.392	0.083	0.074	43	4.9	0.3	0.1	3.4	0.9	1.98	0.23	PL	...	...	...	...	...	...
J1541.8+1105	235.462	11.092	19.541	46.935	0.170	0.155	–1	6.5	0.3	0.1	6.3	1.0	2.73	0.14	PL	...	...	...	...	fsrq	MG1 J154207+1110
J1542.4–5911	235.622	–59.198	323.312	–3.272	0.194	0.142	–19	5.5	0.7	0.1	11.3	2.1	2.60	0.13	PL	...	1	...	...	...	...
J1542.9+6129	235.738	61.495	95.388	45.394	0.019	0.018	–32	62.7	4.9	0.2	44.8	2.0	1.99	...	LP	T	...	1FHL J1542.9+6128 2FGL J1542.9+6129 1FGL J1542.9+6129 0FGL J1543.1+6130	...	bll	GB6 J1542+6129
J1542.9–5141	235.746	–51.692	327.913	2.660	0.183	0.141	39	8.6	1.5	0.2	21.8	2.6	2.49	0.08	PL	...	...	...	...	PSR	PSR J1543–5149
J1543.5+0451	235.879	4.864	12.244	43.393	0.102	0.080	74	5.3	0.4	0.1	4.3	1.0	1.98	0.19	PL	...	...	...	...	bcu	CGCG 050–083
J1543.5–0244	235.889	–2.748	4.074	38.900	0.179	0.112	–85	8.1	0.7	0.1	6.5	1.1	2.41	...	LP	...	...	2FGL J1543.7–0241	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J1544.0–0252			
J1544.0+4938	236.018	49.650	79.199	50.161	0.141	0.106	82	6.2	0.3	0.1	3.6	0.6	2.30	0.14	PL	...	...	...	...	PSR	PSR J1544+4937
J1544.1–2555	236.028	–25.920	344.735	22.612	0.128	0.087	39	9.5	0.9	0.1	11.5	1.3	2.36	0.08	PL	...	...	2FGL J1544.1–2554	...	...	...
J1544.6–1125	236.170	–11.427	356.211	32.984	0.077	0.067	52	10.8	1.0	0.1	13.5	1.4	2.41	0.07	PL	...	...	2FGL J1544.5–1126	...	...	...
																		1FGL J1544.5–1127			
J1545.0–6641	236.269	–66.692	318.930	–9.378	0.038	0.036	64	7.5	0.3	0.1	4.4	1.0	1.67	0.18	PL	...	...	1FHL J1545.2–6640	...	...	...
J1546.0+0818	236.502	8.307	16.769	44.682	0.040	0.038	66	10.3	0.5	0.1	7.0	1.3	1.69	0.11	PL	...	...	2FGL J1546.1+0820	...	bl	1RXS J154604.6+081912
J1546.6+1812	236.672	18.204	29.927	48.810	0.105	0.097	–85	5.0	0.3	0.1	3.9	0.9	2.30	0.18	PL	...	...	...	...	bl	MG1 J154628+1817
J1547.1–2801	236.782	–28.030	343.781	20.583	0.107	0.082	83	4.3	0.3	0.1	3.8	1.1	1.71	0.17	PL	...	...	...	...	bcu	1RXS J154711.8–280222
J1548.4+1455	237.110	14.926	25.633	47.175	0.039	0.039	57	17.3	1.3	0.1	14.5	1.3	2.11	0.07	PL	...	...	1FHL J1548.3+1455	...	...	...
																		2FGL J1548.3+1453			
																		1FGL J1548.6+1451			
J1548.8–2250	237.215	–22.849	347.853	24.165	0.047	0.042	12	12.1	1.1	0.1	12.7	1.5	2.05	0.08	PL	...	...	1FHL J1548.8–2251	...	bl	PMN J1548–2251
																		2FGL J1548.8–2251			
																		1FGL J1548.7–2250			
J1549.0+6309	237.260	63.153	96.900	43.948	0.125	0.119	32	5.2	0.2	0.0	3.4	0.7	2.73	0.16	PL	...	1	1FGL J1548.7+6311	...	bcu	SDSS J154958.45+631021.2
J1549.1–5347c	237.300	–53.784	327.369	0.432	0.104	0.088	–50	11.6	4.2	0.4	66.2	5.2	2.56	0.05	PL	...	1,6,7,10	...	...	spp	...
J1549.4+0237	237.372	2.631	10.861	40.912	0.050	0.047	25	23.4	1.8	0.1	24.9	1.3	2.46	0.05	PL	T	...	2FGL J1549.5+0237	...	fsrq	PKS 1546+027
																		1FGL J1549.3+0235			
J1549.4–4832	237.375	–48.538	330.684	4.501	0.131	0.103	–18	8.7	0.9	0.2	18.8	2.3	2.74	0.10	PL	...	1	...	...	...	...
J1549.5+1709	237.377	17.156	28.822	47.805	0.110	0.087	–42	4.4	0.2	0.1	2.8	0.8	1.92	0.25	PL	...	...	...	...	bcu	MG1 J154930+1708
J1549.7–0658	237.444	–6.977	1.225	35.014	0.049	0.040	–86	11.6	1.0	0.1	11.0	1.4	1.92	0.09	PL	...	...	1FHL J1549.9–0658	...	bcu	NVSS J154952–065907
																		2FGL J1549.7–0657			
																		1FGL J1549.7–0659			
J1549.9–3044	237.475	–30.746	342.368	18.142	0.066	0.062	–21	5.0	0.2	0.1	3.4	1.1	1.44	0.18	PL	...	...	...	...	...	...
J1550.3+7409	237.598	74.157	108.881	37.680	0.166	0.116	81	5.4	0.2	0.0	3.3	0.6	2.69	0.19	PL	...	1	...	...	bcu	87GB 155014.9+741816
J1550.4+6027	237.623	60.462	93.476	45.093	0.056	0.053	87	7.7	0.3	0.1	3.7	0.7	1.84	0.14	PL	...	...	...	...	...	...
J1550.5+0526	237.639	5.445	14.202	42.233	0.073	0.061	40	16.2	1.3	0.1	15.7	1.2	2.34	0.06	PL	...	...	2FGL J1550.7+0526	...	fsrq	4C +05.64
																		1FGL J1550.7+0527			
J1551.1–5610	237.779	–56.175	326.087	–1.605	0.067	0.059	2	6.0	1.0	0.3	12.9	2.9	1.79	0.15	PL	...	5	...	...	spp	...
J1552.1+0852	238.033	8.877	18.506	43.650	0.141	0.113	3	6.4	0.5	0.1	5.3	0.9	2.21	0.12	PL	...	...	2FGL J1551.9+0855	...	bl	TXS 1549+089
																		1FGL J1551.7+0851			
J1552.8–5330	238.212	–53.513	327.960	0.303	0.078	0.071	73	11.2	7.2	0.7	41.9	5.2	2.26	...	LP	...	7	...	...	...	...
J1552.9–5610	238.231	–56.169	326.286	–1.759	0.036	0.027	37	18.4	5.2	0.3	57.9	3.8	2.08	0.04	PL	...	7	1FHL J1552.6–5610	...	spp	...
																		2FGL J1552.8–5609			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J1552.4–5609			
J1553.1+5437	238.292	54.624	85.581	47.170	0.087	0.085	34	8.5	0.4	0.1	4.5	0.6	2.26	0.12	PL	...	...	...	...	...	...
J1553.3–0322c	238.347	–3.381	5.366	36.581	0.224	0.181	–20	6.5	0.6	0.1	9.1	1.4	2.56	0.12	PL	...	1,6	2FGL J1553.5–0324	...	...	...
J1553.3–2421	238.349	–24.359	347.553	22.352	0.122	0.102	–66	8.1	0.8	0.1	9.8	1.3	2.28	0.09	PL	...	...	2FGL J1553.2–2424	...	fsrq	PKS 1550–242
																		1FGL J1553.4–2425			
J1553.5+1256	238.386	12.946	23.787	45.220	0.035	0.033	81	32.5	2.8	0.2	29.9	1.5	2.36	...	LP	T	...	2FGL J1553.5+1255	...	fsrq	PKS 1551+130
																		1FGL J1553.4+1255			
																		0FGL J1553.4+1255			
J1553.5–3118	238.377	–31.306	342.587	17.210	0.034	0.032	–58	13.0	0.8	0.1	8.2	1.4	1.60	...	LP	...	...	1FHL J1553.4–3117	...	bll	1RXS J155333.4–311841
																		2FGL J1553.5–3116			
																		1FGL J1553.5–3116			
J1554.4+2010	238.611	20.170	33.632	47.744	0.085	0.082	16	5.7	0.3	0.1	3.9	0.9	2.25	0.18	PL	...	5,6,10	...	...	bll	1ES 1552+203
J1554.4–5315c	238.610	–53.262	328.303	0.347	0.049	0.044	–47	8.8	3.9	0.5	43.3	6.0	2.13	0.07	PL	...	...	2FGL J1554.4–5317c	...	...	...
																		1FGL J1554.8–5312c			
J1555.7+1111	238.936	11.194	21.918	43.960	0.009	0.009	–62	97.5	13.2	0.3	164.1	6.0	1.68	...	LP	T	...	1FHL J1555.7+1111	P	BLL	PG 1553+113
																		2FGL J1555.7+1111			
																		1FGL J1555.7+1111			
																		0FGL J1555.8+1110			
J1557.0–4225	239.264	–42.422	335.641	8.362	0.264	0.164	–81	11.5	0.7	0.2	16.5	1.8	2.68	...	LP	...	3	...	...	...	...
J1557.4–7040	239.374	–70.678	317.206	–13.159	0.073	0.064	–66	8.2	0.6	0.1	6.9	1.0	2.30	0.11	PL	...	...	2FGL J1558.6–7039	...	bcu	PKS 1552–705
J1558.9+5625	239.742	56.418	87.575	45.754	0.060	0.050	–39	16.1	0.9	0.1	10.6	0.9	2.21	0.08	PL	T	...	2FGL J1559.0+5627	...	bll	TXS 1557+565
																		1FGL J1558.9+5627			
J1558.9–6432	239.738	–64.541	321.436	–8.639	0.031	0.029	–32	17.9	1.5	0.1	17.2	1.5	2.02	0.06	PL	...	...	1FHL J1558.5–6428	...	bll	PMN J1558–6432
																		2FGL J1558.9–6428			
J1559.7+8512	239.944	85.213	118.872	30.329	0.075	0.058	–74	12.8	0.6	0.1	8.0	0.8	2.35	0.08	PL	...	...	2FGL J1558.3+8513	...	bcu	WN B1609.6+8517
J1559.8–2525	239.966	–25.422	347.903	20.570	0.078	0.062	1	4.4	0.3	0.1	3.3	1.0	1.94	0.24	PL	...	...	...	...	bcu	NVSS J160005–252439
J1559.9+2319	239.987	23.326	38.662	47.441	0.078	0.075	–21	7.1	0.5	0.1	5.6	1.0	2.10	0.12	PL	...	...	...	...	bll	87GB 155744.0+232525
J1600.3–5810	240.076	–58.169	325.763	–3.932	0.086	0.072	–14	4.6	0.5	0.1	5.5	1.4	2.01	0.16	PL	...	...	...	...	bcu	MRC 1556–580
J1600.8–3053	240.212	–30.891	344.093	16.458	0.059	0.052	6	10.7	1.1	0.1	6.2	1.1	1.97	...	EC	...	...	2FGL J1600.7–3053	...	PSR	PSR J1600–3053
																		1FGL J1600.7–3055			
J1601.9+2306	240.489	23.111	38.538	46.939	0.111	0.090	83	7.8	0.9	0.1	3.5	0.5	2.17	...	LP	...	12	2FGL J1602.4+2308	...	...	...
J1602.8–1924	240.720	–19.407	353.056	24.310	0.137	0.116	–70	4.8	0.5	0.1	5.8	1.3	2.31	0.14	PL	...	...	...	...	...	...
J1603.7+1106	240.949	11.108	23.035	42.159	0.124	0.103	–18	6.2	0.5	0.1	6.1	1.2	2.32	0.13	PL	T	1	...	...	bll	MG1 J160340+1106
J1603.7–6011	240.931	–60.195	324.750	–5.744	0.087	0.067	–12	5.1	0.5	0.1	5.6	1.2	1.96	0.13	PL	...	...	...	...	...	...
J1603.9–4903	240.979	–49.064	332.162	2.569	0.014	0.014	71	41.8	9.3	0.3	104.1	3.6	2.14	0.03	PL	T	...	1FHL J1603.7–4903	...	bll	PMN J1603–4904

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		2FGL J1603.8–4904 1FGL J1603.8–4903 0FGL J1604.0–4904			
J1604.4–4442	241.109	–44.715	335.130	5.757	0.040	0.037	–2	25.5	3.6	0.2	50.5	2.4	2.45	0.04	PL	T	...	2FGL J1604.5–4442 1FGL J1604.7–4443	...	bcu	PMN J1604–4441
J1604.6+5714	241.170	57.241	88.268	44.729	0.043	0.042	–19	26.2	1.6	0.1	19.7	1.1	2.43	...	LP	T	...	2FGL J1604.6+5710 1FGL J1604.3+5710	...	fsrq	GB6 J1604+5714
J1606.1+5630	241.548	56.507	87.197	44.788	0.046	0.045	–35	6.5	0.3	0.1	3.1	0.7	1.97	0.19	PL	...	...	...	...	bll	RBS 1558
J1607.0+1551	241.764	15.862	29.376	43.421	0.036	0.033	–71	27.6	2.1	0.1	24.8	1.3	2.28	0.04	PL	...	...	2FGL J1607.0+1552 1FGL J1607.1+1552 3EG J1605+1553 EGR J1607+1533	...	fsrq	4C +15.54
J1607.9–2040	241.987	–20.669	352.948	22.578	0.063	0.058	–52	6.7	0.6	0.1	6.6	1.3	2.01	0.13	PL	...	...	...	...	bcu	NVSS J160756–203942
J1608.6+1029	242.171	10.499	23.032	40.813	0.068	0.062	34	19.6	1.3	0.1	22.2	1.3	2.62	0.05	PL	T	...	2FGL J1608.5+1029 1FGL J1609.0+1031 3EG J1608+1055 EGR J1608+1051	...	fsrq	4C +10.45
J1610.6–3956	242.650	–39.942	339.233	8.497	0.221	0.151	–35	7.4	0.8	0.1	13.3	1.8	2.61	0.10	PL	...	...	2FGL J1610.6–4002 1FGL J1610.8–3955	...	fsrq	PMN J1610–3958
J1610.8–6649	242.706	–66.822	320.787	–11.146	0.023	0.022	–24	26.3	2.1	0.1	26.4	2.0	1.77	0.05	PL	...	...	1FHL J1610.9–6650 2FGL J1610.8–6650 1FGL J1610.6–6649	...	bll	PMN J1610–6649
J1611.9+1404	242.981	14.079	27.783	41.637	0.152	0.107	13	6.8	0.5	0.1	5.8	1.0	2.21	0.12	PL	...	...	2FGL J1612.0+1403	...	...	...
J1612.4–3100	243.102	–31.015	345.853	14.646	0.082	0.065	7	9.0	1.0	0.2	6.2	1.0	1.96	...	LP	...	...	...	...	bcu	NVSS J161219–305937
J1613.4–4222	243.366	–42.374	337.936	6.364	0.115	0.103	90	4.8	0.7	0.1	8.9	2.0	2.43	0.15	PL	...	4	...	...	...	...
J1613.8+3410	243.455	34.182	55.110	46.348	0.071	0.054	–83	13.2	0.7	0.1	8.2	0.8	2.35	0.08	PL	...	...	2FGL J1613.4+3409 1FGL J1613.5+3411 3EG J1614+3424	...	fsrq	OS 319
J1614.5–2231	243.630	–22.522	352.610	20.198	0.032	0.032	35	28.7	4.5	0.2	23.4	1.5	2.05	...	EC	...	...	1FGL J1614.0–2230 2FGL J1614.5–2230 3EG J1616–2221	...	PSR	PSR J1614–2230
J1615.3–5146e	243.830	–51.780	331.659	–0.659	...	...	...	19.8	9.3	0.6	109.4	6.7	1.86	0.04	PL	...	3,10	1FGL J1614.7–5138c 1FHL J1615.3–5146e 2FGL J1615.2–5138	E	spp	...
J1615.6–4450	243.914	–44.837	336.510	4.312	0.160	0.095	8	6.9	1.0	0.2	16.5	2.5	2.56	0.11	PL	...	1,4,5	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1615.8+4712	243.954	47.210	73.874	45.587	0.090	0.073	6	6.3	0.3	0.1	3.6	0.7	2.02	0.17	PL	...	...	2FGL J1614.8+4703	...	fsrq	TXS 1614+473
J1616.2-5054e	244.060	-50.910	332.366	-0.131	...	...	...	21.0	13.9	0.7	156.1	8.4	2.14	0.03	PL	T	...	0FGL J1615.6-5049 1FGL J1617.5-5105c 1FHL J1616.2-5054e 2FGL J1615.0-5051	E	PWN	HESS J1616-508
J1616.4+4631	244.119	46.518	72.871	45.570	0.217	0.155	-12	4.7	0.2	0.1	4.0	0.8	2.59	0.17	PL	...	...	1FGL J1616.1+4637	...	fsrq	MG4 J161600+4632
J1616.8+4111	244.213	41.192	65.254	45.935	0.128	0.105	-86	4.9	0.2	0.1	2.9	0.6	2.33	0.17	PL	...	3,10	...	...	bll	B3 1615+412
J1616.8+5846	244.216	58.783	89.516	42.688	0.328	0.234	-62	5.9	0.1	0.0	4.2	0.7	3.12	0.21	PL	...	...	...	...	...	...
J1616.8-2300	244.219	-23.011	352.620	19.467	0.107	0.093	-25	5.1	0.6	0.1	6.7	1.5	2.14	0.14	PL	...	1	2FGL J1616.8-2302	...	glc	M80
J1616.8-5343	244.205	-53.724	330.475	-2.218	0.089	0.065	-79	10.6	1.7	0.2	26.5	2.6	2.53	0.07	PL	...	...	2FGL J1617.3-5336	...	...	...
J1617.3-2519	244.348	-25.331	350.905	17.806	0.373	0.215	-14	6.5	0.7	0.1	11.9	1.8	2.59	0.10	PL	...	...	2FGL J1617.6-2526c EGR J1617-2610	...	bcu	PMN J1617-2537
J1617.4-5846	244.368	-58.767	327.011	-5.894	0.083	0.065	-25	15.8	1.4	0.1	24.3	1.7	2.61	0.06	PL	T	...	1FGL J1617.7-5843	...	fsrq	MRC 1613-586
J1617.7-7717	244.447	-77.299	313.422	-18.859	0.066	0.055	49	18.3	1.4	0.1	19.4	1.3	2.53	...	LP	T	...	2FGL J1618.2-7718 1FGL J1617.9-7716	...	fsrq	PKS 1610-77
J1617.8+5137	244.452	51.620	79.935	44.486	0.165	0.121	-52	9.7	0.3	0.1	6.3	0.7	2.70	0.10	PL	T	...	...	...	fsrq	TXS 1617+517
J1618.8+5520	244.704	55.346	84.913	43.451	0.193	0.145	-0	4.2	0.2	0.1	2.5	0.6	2.33	0.17	PL	...	...	...	...	...	...
J1619.0-5014c	244.773	-50.244	333.155	0.031	0.098	0.085	-65	6.1	3.1	0.5	42.5	7.2	2.43	0.08	PL	...	1,4,5,6	...	...	...	...
J1619.1+7538	244.799	75.641	109.091	35.296	0.044	0.040	-75	6.7	0.2	0.0	2.2	0.6	1.71	0.21	PL	...	...	1FHL J1619.8+7540	...	...	...
J1620.0-5101	245.009	-51.028	332.711	-0.633	0.045	0.044	-62	8.2	3.5	0.5	41.5	6.3	2.26	0.07	PL	...	3,4,5	...	...	...	...
J1620.8-4928	245.204	-49.471	333.896	0.386	0.014	0.014	-46	47.1	25.0	0.7	180.4	6.8	2.18	...	EC	...	...	1FHL J1620.7-4928 2FGL J1620.8-4928 1FGL J1620.8-4928c 1AGL J1624-4946	...	PSR	PSR J1620-4927
J1620.8-5149	245.203	-51.830	332.232	-1.287	0.075	0.060	-59	5.0	1.2	0.3	13.2	3.3	2.09	0.14	PL	...	...	...	...	...	...
J1621.1-2331	245.279	-23.523	352.911	18.402	0.212	0.183	71	7.6	0.5	0.1	11.8	1.6	2.45	...	LP	...	12	2FGL J1620.5-2320c	...	agn	PKS 1617-235
J1622.9-0312	245.741	-3.204	10.758	30.714	0.090	0.072	-9	9.5	0.9	0.1	10.2	1.3	2.23	0.09	PL	...	...	2FGL J1622.8-0314	...	psr	PSR J1622-03
J1622.9-5004	245.726	-50.075	333.707	-0.280	0.024	0.023	43	20.7	10.6	0.7	66.6	5.4	2.14	...	LP	...	...	2FGL J1622.8-5006 1AGL J1624-4946	...	...	...
J1624.1-4700	246.042	-47.006	336.037	1.729	0.090	0.081	20	13.9	1.1	0.2	39.1	3.1	2.67	...	LP	...	12	...	...	...	...
J1624.2-3957	246.066	-39.957	341.102	6.647	0.133	0.118	-72	5.1	0.9	0.2	13.1	2.5	2.52	0.13	PL	...	...	...	...	...	...
J1624.2-4041	246.059	-40.687	340.572	6.142	0.045	0.042	31	19.3	4.2	0.3	25.3	2.4	2.27	...	LP	...	5	2FGL J1624.1-4040 1FGL J1624.0-4041	...	...	...
J1624.8-4233	246.200	-42.566	339.293	4.755	0.153	0.100	13	6.8	0.9	0.2	17.1	2.7	2.65	0.11	PL	...	1,4	...	...	...	...
J1625.0+5651	246.252	56.864	86.598	42.217	0.132	0.114	-24	4.9	0.2	0.1	2.8	0.6	2.39	0.16	PL	...	...	...	...	bll	SBS 1623+569

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J1625.1–0021	246.279	–0.359	13.881	31.838	0.038	0.037	61	28.5	3.6	0.2	18.4	1.3	2.05	...	LP	...	...	2FGL J1625.2–0020 1FGL J1625.3–0019	...	...	...
J1625.2–2845	246.308	–28.754	349.523	14.201	0.122	0.086	61	4.7	0.6	0.1	8.4	2.0	2.52	0.17	PL	...	...	...	...	...	...
J1625.6–2058	246.422	–20.979	355.668	19.288	0.103	0.094	–6	6.5	0.7	0.1	10.6	1.6	2.54	0.11	PL	...	...	1FGL J1626.2–2038	...	...	...
J1625.7–2527	246.445	–25.456	352.145	16.322	0.020	0.019	71	56.3	11.2	0.3	108.7	3.2	2.31	...	LP	T	...	1FHL J1625.7–2531 2FGL J1625.7–2526 1FGL J1625.7–2524 0FGL J1625.8–2527 3EG J1626–2519	...	fsrq	PKS 1622–253	
J1625.9+4125	246.500	41.423	65.527	44.213	0.175	0.124	12	8.1	0.3	0.1	6.0	0.8	2.70	0.12	PL	...	...	...	...	fsrq	B3 1624+414
J1626.0–2951	246.518	–29.862	348.809	13.317	0.053	0.051	75	20.9	2.5	0.2	29.5	2.2	2.45	...	LP	T	...	2FGL J1626.1–2948 1FGL J1626.2–2956 3EG J1625–2955 EGR J1625–2958	...	FSRQ	PKS 1622–29	
J1626.1+3512	246.546	35.215	56.895	43.911	0.078	0.073	36	4.8	0.2	0.1	2.2	0.7	1.70	0.23	PL	...	...	...	...	bll	RGB J1626+352
J1626.2–2428c	246.572	–24.467	352.996	16.892	0.057	0.051	–90	9.4	2.2	0.3	26.7	3.6	2.28	0.07	PL	1FGL J1625.8–2429c 0FGL J1625.9–2423 3EG J1627–2419	95
J1626.2–4911	246.569	–49.197	334.715	–0.054	0.081	0.065	87	5.4	2.1	0.5	23.2	6.0	2.11	0.14	PL	...	6	1FGL J1626.0–4917c 1AGL J1624–4946	E	...	...
J1626.3–4406	246.579	–44.112	338.373	3.481	0.133	0.129	90	7.7	0.6	0.1	19.1	3.3	2.60	...	LP	...	10,12	2FGL J1626.4–4408	...	...	...
J1626.4–7640	246.611	–76.670	314.260	–18.806	0.046	0.043	–32	8.5	0.5	0.1	5.9	1.1	1.99	0.14	PL	...	...	2FGL J1626.0–7636	...	bcu	PKS 1619–765
J1627.8+3217	246.968	32.299	52.958	43.210	0.072	0.070	71	10.2	0.6	0.1	6.4	0.8	2.14	0.09	PL	...	3	2FGL J1627.8+3219 1FGL J1627.6+3218	...	...	...
J1628.0–3203	247.016	–32.061	347.447	11.515	0.090	0.083	20	11.9	1.6	0.2	12.1	1.5	2.34	...	LP	...	...	2FGL J1628.3–3206 1FGL J1627.8–3204	...	psr	PSR J1628–3205
J1628.1+0254	247.042	2.909	17.647	32.908	0.125	0.109	42	4.2	0.3	0.1	3.8	0.9	2.12	0.16	PL	...	1	1FGL J1627.9+0254	...	...	...
J1628.1–3344	247.027	–33.742	346.196	10.368	0.063	0.052	69	5.6	0.6	0.1	6.3	1.5	2.12	0.17	PL	...	4	...	...	...	...
J1628.1–5740	247.034	–57.675	328.784	–6.129	0.145	0.099	47	4.5	0.5	0.1	6.9	1.6	2.46	0.15	PL	...	...	...	...	...	...
J1628.2+7703	247.070	77.051	110.248	34.126	0.164	0.134	42	4.9	0.2	0.1	3.0	0.6	2.45	0.17	PL	...	5,6	...	...	bcu	6C B163030.4+771303
J1628.2–2431c	247.069	–24.528	353.260	16.512	0.100	0.091	–22	7.9	1.8	0.3	23.6	3.5	2.37	0.08	PL	...	...	3EG J1627–2419	...	...	...
J1628.4–4546	247.116	–45.778	337.435	2.052	0.263	0.193	–65	7.3	1.5	0.2	25.9	3.5	2.63	0.08	PL	...	4	...	...	...	...
J1628.7–8056	247.176	–80.934	310.846	–21.622	0.431	0.268	–67	5.1	0.3	0.1	5.8	1.1	2.75	0.15	PL	...	...	...	...	...	...
J1628.9–4852	247.238	–48.874	335.252	–0.146	0.097	0.075	23	8.5	4.8	0.6	32.8	5.4	2.23	...	LP	...	4	2FGL J1628.1–4857c	...	spp	...	
J1630.2+3733	247.553	37.562	60.216	43.291	0.066	0.058	69	15.2	1.3	0.1	6.9	1.0	2.26	...	EC	...	...	2FGL J1630.3+3732	...	PSR	PSR J1630+3734

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1630.2–1052	247.554	–10.867	4.907	24.782	0.236	0.178	–22	4.9	0.6	0.1	6.7	1.3	2.30	0.12	PL	...	...	1FGL J1630.5+3735 2FGL J1631.0–1050 1FGL J1630.3–1042 3EG J1631–1018	...	...	...
J1630.3–4346	247.594	–43.767	339.128	3.191	0.125	0.086	45	4.5	0.7	0.4	8.1	4.9	2.13	0.48	PL	...	...	...	...	...	...
J1630.3–6126	247.584	–61.436	326.205	–8.901	0.189	0.144	39	10.8	0.6	0.1	13.9	1.3	2.79	0.09	PL	T	4	...	...	...	...
J1630.6+8232	247.652	82.535	115.799	31.251	0.058	0.047	58	21.0	1.3	0.1	11.0	0.9	2.22	...	LP	...	...	1FGL J1635.4+8228 2FGL J1629.4+8236 3EG J1621+8203	...	rdg	NGC 6251
J1630.7+5222	247.681	52.367	80.419	42.391	0.038	0.035	57	17.9	1.0	0.1	10.8	1.1	1.97	0.06	PL	T	...	1FHL J1631.0+5224 2FGL J1630.4+5218 1FGL J1630.2+5220	...	bl	TXS 1629+524
J1630.8+1047	247.712	10.797	26.459	36.064	0.244	0.221	36	6.8	0.3	0.1	7.6	1.1	2.80	0.13	PL	...	...	...	...	bcu	MG1 J163119+1051
J1632.4–4820	248.111	–48.337	336.039	–0.197	0.073	0.062	79	9.1	5.5	0.6	36.0	5.6	2.20	...	LP	...	3	2FGL J1632.4–4820c	...	psr	PSR J1632–4818
J1632.8+3838	248.202	38.648	61.741	42.847	0.092	0.079	–20	4.8	0.4	0.1	5.8	1.8	2.45	0.20	PL	...	...	...	...	...	...
J1633.0–4746e	248.250	–47.770	336.517	0.121	...	...	...	32.0	22.6	0.8	252.3	9.5	2.11	0.02	PL	T	10	1FGL J1632.7–4733c 1FHL J1633.0–4746e 2FGL J1632.4–4753c	E	PWN	HESS J1632–478
J1635.2+3809	248.812	38.153	61.110	42.340	0.016	0.015	29	87.0	11.4	0.3	140.0	2.8	2.40	...	LP	T	...	1FHL J1635.0+3808 2FGL J1635.2+3810 1FGL J1635.0+3808 0FGL J1635.2+3809 3EG J1635+3813	...	FSRQ	4C +38.41
J1635.3+4257	248.850	42.965	67.626	42.458	0.235	0.138	–4	5.8	0.3	0.1	3.8	0.7	2.42	0.16	PL	...	...	...	...	...	...
J1636.2–4709c	249.058	–47.160	337.337	0.132	0.173	0.105	–47	10.4	6.0	0.6	68.7	8.2	2.21	0.06	PL	...	3,5,6,7,9,10	2FGL J1635.4–4717c 1FGL J1635.7–4715c 3EG J1639–4702 1AGL J1639–4702	...	spp	...
J1636.2–4734	249.069	–47.580	337.030	–0.156	0.051	0.033	36	22.2	15.8	0.8	114.2	7.9	2.21	...	LP	...	7	1FGL J1636.4–4737c	...	snr	SNR G337.0–00.1
J1636.7+2624	249.187	26.416	45.746	40.149	0.081	0.072	–31	6.3	0.3	0.1	3.9	0.8	2.04	0.16	PL	...	...	...	...	bcu	NVSS J163651+262657
J1637.1+1314	249.284	13.245	29.999	35.702	0.115	0.090	8	4.9	0.3	0.1	3.9	1.0	2.22	0.24	PL	...	...	...	...	bl	1RXS J163717.1+131418
J1637.6–3449	249.415	–34.822	346.724	8.180	0.044	0.040	–79	9.5	0.8	0.1	10.1	1.6	1.73	0.11	PL	...	...	1FHL J1637.9–3450	...	bcu	NVSS J163750–344915
J1637.7+4715	249.431	47.264	73.403	41.885	0.042	0.041	–64	32.0	1.8	0.1	22.6	1.0	2.37	0.04	PL	T	...	2FGL J1637.9–3451 2FGL J1637.7+4714 1FGL J1637.9+4707	...	fsrq	4C +47.44

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1637.8+7325	249.468	73.419	105.974	35.226	0.072	0.063	-3	5.3	0.2	0.1	2.1	0.5	1.91	0.23	PL	...	...	...	...	bll	RX J1637.9+7326
J1637.9+5719	249.493	57.327	86.632	40.397	0.136	0.115	11	9.5	0.3	0.1	6.5	0.7	2.81	0.11	PL	T	...	...	...	fsrq	OS 562
J1638.6-4654	249.650	-46.902	337.798	0.005	0.070	0.061	-40	13.4	9.5	0.7	73.0	7.3	2.30	...	LP	T	...	3EG J1639-4702	...	spp	...
																		1AGL J1639-4702			
J1639.4-5146	249.870	-51.779	334.253	-3.349	0.031	0.030	-73	20.1	3.2	0.2	40.8	2.6	2.35	0.05	PL	...	...	2FGL J1639.8-5145	...	...	...
																		3EG J1638-5155			
																		EGR J1638-5157			
J1639.8+4125	249.970	41.428	65.570	41.611	0.153	0.137	-54	5.8	0.3	0.1	4.5	0.9	2.54	0.15	PL	...	...	...	...	fsrq	MG4 J163918+4127
J1640.4-4634c	250.118	-46.580	338.252	-0.020	0.030	0.027	78	10.4	3.2	0.7	37.6	6.1	1.86	0.11	PL	...	6	1FHL J1640.5-4634	E	spp	...
																		2FGL J1640.5-4633			
																		1FGL J1640.8-4634c			
																		3EG J1639-4702			
																		1AGL J1639-4702			
J1640.6+3945	250.159	39.755	63.346	41.395	0.032	0.030	-66	28.3	3.9	0.2	35.6	2.9	2.33	...	LP	T	...	1FHL J1640.7+3943	...	FSRQ	NRAO 512
																		2FGL J1640.7+3945			
																		EGR J1642+3940			
J1640.6-4917	250.156	-49.289	336.240	-1.834	0.099	0.075	-51	8.8	2.2	0.3	26.6	3.5	2.31	0.08	PL	T	...	2FGL J1639.8-4921c	...	...	...
J1640.9+1142	250.247	11.707	28.768	34.208	0.081	0.074	-0	5.7	0.4	0.1	4.7	1.0	2.30	0.17	PL	...	...	2FGL J1641.0+1141	...	bcu	TXS 1638+118
																		1FGL J1641.0+1143			
J1641.1-4619c	250.283	-46.330	338.515	0.060	0.049	0.039	-3	7.9	4.5	0.5	57.9	7.6	2.38	0.06	PL	...	3,6	...	P	spp	...
J1641.5-2856	250.392	-28.948	351.792	11.383	0.168	0.110	-68	5.0	0.6	0.1	7.5	1.5	2.33	0.12	PL	...	...	...	...	...	...
J1641.5-5319	250.378	-53.324	333.296	-4.602	0.084	0.074	37	13.2	1.9	0.2	18.4	2.2	2.52	...	LP	...	1	2FGL J1641.8-5319	...	...	...
J1641.8-0619	250.452	-6.324	10.821	25.077	0.061	0.054	-50	10.7	1.4	0.2	16.9	2.1	2.32	0.08	PL	...	...	2FGL J1641.6-0614	...	bll	TXS 1639-062
J1642.4+8045	250.612	80.764	113.746	31.755	0.188	0.135	28	6.1	0.3	0.1	4.0	0.7	2.49	0.13	PL	...	...	...	...	...	...
J1642.9+3950	250.748	39.849	63.506	40.949	0.041	0.039	-29	20.5	2.5	0.2	34.8	2.4	2.45	0.05	PL	T	...	2FGL J1642.9+3949	...	FSRQ	3C 345
																		EGR J1642+3940			
J1643.6-0642	250.921	-6.706	10.759	24.478	0.060	0.047	31	7.2	0.7	0.2	8.2	1.8	2.07	0.17	PL	...	1	2FGL J1643.5-0641	...	bcu	NVSS
																					J164328-064619
																		1FGL J1643.5-0646			
J1643.6-5002	250.914	-50.039	335.998	-2.698	0.133	0.095	-45	8.0	1.4	0.3	17.0	2.6	2.43	...	LP	...	...	...	...	...	...
J1644.4+2632	251.123	26.542	46.465	38.503	0.201	0.163	-28	4.5	0.2	0.1	4.3	0.9	2.75	0.22	PL	...	...	...	...	...	...
J1644.6-0911	251.174	-9.186	8.676	22.873	0.079	0.073	21	4.9	0.5	0.1	7.4	1.5	2.57	0.14	PL	...	...	...	...	...	...
J1645.2-5747	251.323	-57.790	330.234	-7.914	0.115	0.103	-19	4.5	0.4	0.1	7.7	1.7	2.67	0.16	PL	...	4,5	...	...	bcu	AT20G
																					J164513-575122
J1645.7-2149	251.448	-21.824	358.092	15.134	0.123	0.083	60	8.8	1.5	0.2	8.3	1.2	2.20	...	LP	...	1,3	2FGL J1645.7-2148c	...	...	...
																		1FGL J1645.0-2155c			
J1645.9+6336	251.498	63.611	94.182	37.904	0.137	0.107	-3	9.9	0.3	0.1	6.1	0.7	2.69	0.11	PL	T	5	...	...	fsrq	TXS 1645+635

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J1645.9–5420	251.484	–54.349	332.942	–5.765	0.345	0.230	–80	5.0	0.5	0.1	10.8	2.1	2.71	0.13	PL	...	...	...	...	spp	...
J1646.9–1332	251.748	–13.548	5.202	19.892	0.101	0.077	–22	4.9	0.4	0.1	5.2	1.4	1.85	0.19	PL	...	...	2FGL J1646.7–1333	...	...	...
J1647.1–6438	251.781	–64.645	324.992	–12.434	0.063	0.054	40	7.9	0.6	0.1	6.7	1.0	2.19	0.11	PL	...	...	...	...	bcu	PMN J1647–6437
J1647.4+4950	251.873	49.837	76.651	40.090	0.042	0.041	–8	29.3	1.5	0.1	20.0	0.9	2.43	0.04	PL	T	...	2FGL J1647.5+4950 1FGL J1647.4+4948	...	bcu	SBS 1646+499	
J1648.0+4230	252.018	42.510	67.066	40.125	0.293	0.207	–34	4.7	0.2	0.1	3.4	0.7	2.48	0.17	PL	...	...	...	...	...	...
J1648.3–4611	252.096	–46.196	339.434	–0.802	0.038	0.033	–60	13.9	6.5	0.7	38.2	5.5	2.18	...	EC	...	3	2FGL J1648.4–4612 1FGL J1648.4–4609c 0FGL J1648.1–4606	E	PSR	PSR J1648–4611	
J1648.5–4829	252.150	–48.494	337.699	–2.309	0.167	0.115	43	6.0	1.3	0.2	18.2	3.3	2.44	0.11	PL	...	4,10	...	...	bcu	PMN J1648–4826
J1648.6–5635	252.166	–56.584	331.464	–7.494	0.190	0.148	–7	5.5	0.5	0.1	10.7	1.9	2.80	0.13	PL	...	1	...	...	...	...
J1649.4+5238	252.367	52.634	80.242	39.530	0.058	0.055	–78	13.0	0.7	0.1	7.8	0.8	2.22	0.07	PL	T	...	2FGL J1649.6+5238	...	bll	87GB 164812.2+524023 1FGL J1649.6+5241	
J1649.6–3007	252.420	–30.129	352.006	9.270	0.121	0.096	45	8.7	1.1	0.2	13.3	1.6	2.31	0.09	PL	2FGL J1649.2–3004	–
J1650.0+0356	252.514	3.949	21.856	28.683	0.283	0.199	–32	4.7	0.4	0.1	4.3	1.0	2.17	0.19	PL	T	3,6	98
J1650.0–4438c	252.507	–44.639	340.813	–0.022	0.135	0.080	71	11.5	3.8	0.5	75.0	4.9	2.71	0.06	PL	...	...	...	...	...	...
J1650.2–5044	252.564	–50.749	336.136	–3.959	0.023	0.023	–65	26.3	4.4	0.2	53.0	2.6	2.30	0.04	PL	T	...	1FHL J1650.1–5045 2FGL J1650.1–5044 1FGL J1650.4–5042	...	bcu	PMN J1650–5044	
J1650.3–4600	252.599	–46.014	339.798	–0.952	0.035	0.032	19	16.2	9.2	0.7	61.2	6.4	2.23	...	LP	...	5	2FGL J1650.6–4603c 1FGL J1651.5–4602c EGR J1652–4552	E	...	...
J1650.8+0830	252.714	8.514	26.613	30.633	0.165	0.136	14	8.0	0.5	0.1	9.1	1.1	2.66	0.10	PL	...	...	2FGL J1650.8+0830	...	fsrq	MG1 J165034+0824
J1651.5–4626	252.898	–46.434	339.606	–1.379	0.060	0.047	–90	4.9	1.2	0.5	13.9	4.8	1.92	0.26	PL	...	5	...	E	...	...
J1651.6+7219	252.911	72.318	104.261	34.708	0.071	0.056	44	5.8	0.2	0.1	2.3	0.6	1.80	0.19	PL	...	...	...	...	bll	RX J1651.6+7218
J1652.2–4649	253.063	–46.830	339.373	–1.719	0.111	0.090	–16	5.9	1.6	0.4	18.3	4.0	2.09	0.13	PL	...	...	...	...	...	...
J1652.8–4351	253.203	–43.857	341.734	0.092	0.077	0.047	53	10.2	5.5	0.6	26.2	3.5	2.28	...	LP	...	...	2FGL J1652.5–4351c 1FGL J1652.8–4350c	...	...	...
J1653.6–0158	253.419	–1.980	16.618	24.925	0.036	0.034	–41	31.9	4.2	0.2	33.7	1.8	2.24	...	LP	...	...	2FGL J1653.6–0159 1FGL J1653.6–0158 0FGL J1653.4–0200 3EG J1652–0223	...	...	...
J1653.9+3945	253.478	39.754	63.593	38.850	0.010	0.010	–71	93.3	9.7	0.2	129.8	4.4	1.72	0.02	PL	T	...	1FHL J1653.9+3945 2FGL J1653.9+3945 1FGL J1653.9+3945	P	BLL	Mkn 501	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
																		0FGL J1653.9+3946				
J1654.0–4617	253.501	–46.297	339.976	–1.614	0.049	0.041	–17	6.2	1.5	0.3	16.4	3.5	2.01	0.13	PL	...	1	3EG J1655–4554	...	...	...
J1654.3–4907	253.598	–49.122	337.821	–3.444	0.401	0.213	25	6.9	0.8	0.2	13.7	2.2	2.46	...	LP	...	1,4,5,9,12	...	...	...	...
J1655.1–3954	253.784	–39.905	345.073	2.250	0.053	0.049	–37	4.1	0.4	0.2	5.1	1.9	1.68	0.29	PL	...	1	...	...	...	...
J1655.1–4644	253.780	–46.735	339.756	–2.039	0.072	0.053	–48	5.2	0.9	0.3	10.5	3.4	1.93	0.20	PL	...	...	...	...	...	...
J1655.5–4748	253.896	–47.809	338.969	–2.774	0.143	0.104	88	4.8	1.1	0.2	13.4	3.2	2.25	0.15	PL	...	4	...	...	...	...
J1655.7–4712	253.947	–47.210	339.457	–2.426	0.132	0.115	–44	4.7	1.3	0.3	15.0	3.7	2.23	0.13	PL	...	...	...	...	...	...
J1656.0+2044	254.008	20.739	40.538	34.270	0.131	0.113	–13	7.4	0.4	0.1	6.6	0.9	2.49	0.13	PL	T	...	...	...	bcu	MG2 J165546+2043
J1656.2–3303	254.075	–33.052	350.590	6.344	0.153	0.092	34	13.3	1.3	0.2	27.4	2.1	2.78	0.07	PL	T	...	2FGL J1656.1–3256	...	fsrq	Swift J1656.3–3302	
																		1FGL J1656.2–3257				
J1656.8–2010	254.218	–20.175	1.066	14.073	0.064	0.057	–76	9.4	1.0	0.1	11.2	1.6	1.96	0.08	PL	...	...	2FGL J1656.9–2008	...	bcu	1RXS J165655.0–201049
J1656.9+6008	254.246	60.143	89.546	37.420	0.106	0.097	64	9.3	0.3	0.1	5.9	0.7	2.62	0.11	PL	...	1,4,6	2FGL J1656.5+6012	...	fsrq	87GB 165604.4+601702	
																		1FGL J1656.9+6017				
J1656.9–3919c	254.245	–39.327	345.746	2.334	0.072	0.066	50	5.5	1.2	0.3	16.2	9.0	2.45	0.38	PL	66
J1657.6–4653	254.419	–46.896	339.903	–2.481	0.050	0.044	28	5.8	1.1	0.3	12.4	3.2	2.05	0.14	PL	2FGL J1657.5–4652
J1657.7+4807	254.428	48.132	74.355	38.489	0.042	0.041	–19	28.1	1.4	0.1	19.8	0.9	2.48	0.04	PL	T	...	2FGL J1657.9+4809	...	fsrq	4C +48.41	
J1658.3+6149	254.595	61.828	91.583	36.937	0.087	0.071	10	6.2	0.3	0.1	2.8	0.6	2.03	0.17	PL	...	...	...	...	bll	NVSS J165808+615001
J1658.4–5323	254.621	–53.389	334.863	–6.598	0.061	0.054	–8	16.9	2.6	0.2	20.3	2.0	2.39	...	EC	...	...	2FGL J1658.4–5322	...	PSR	PSR J1658–5324
																		1FGL J1658.8–5317				
J1659.0–0142	254.774	–1.702	17.647	23.908	0.098	0.083	–84	8.5	0.9	0.1	10.6	1.5	2.19	0.11	PL	...	3	2FGL J1659.2–0142
J1659.4+2631	254.862	26.526	47.544	35.271	0.389	0.280	89	4.1	0.2	0.1	3.8	0.9	2.71	0.22	PL	...	...	...	...	fsrq	4C +26.51
J1659.7–3132	254.950	–31.549	352.240	6.686	0.102	0.080	5	6.4	0.8	0.1	11.0	1.9	2.40	0.11	PL	...	...	...	...	bcu	NVSS J165949–313047
J1700.1+6829	255.050	68.485	99.542	35.204	0.026	0.025	34	49.4	3.0	0.1	39.4	1.1	2.40	0.02	PL	T	...	2FGL J1700.2+6831	...	fsrq	TXS 1700+685	
																		1FGL J1700.1+6830				
J1700.4–4019c	255.109	–40.331	345.370	1.191	0.085	0.070	2	5.6	1.6	0.5	31.1	20.9	2.69	0.63	PL	...	3,6,10
J1701.1–4930	255.286	–49.514	338.195	–4.551	0.132	0.105	3	5.3	0.9	0.2	12.4	2.6	2.44	0.12	PL	...	1
J1701.2–3006	255.323	–30.104	353.593	7.310	0.042	0.041	–35	18.9	3.1	0.2	20.8	1.9	2.20	...	LP	...	...	2FGL J1701.2–3007	...	glc	M62
																		1FGL J1701.1–3005				
J1701.3–5216	255.343	–52.269	336.024	–6.259	0.138	0.096	–14	4.5	0.6	0.1	8.1	1.9	2.48	0.14	PL	...	5
J1701.4–4654	255.364	–46.907	340.294	–2.996	0.126	0.087	84	5.9	1.6	0.3	27.9	5.4	2.64	0.09	PL	...	4
J1702.0–5414	255.504	–54.247	334.497	–7.534	0.389	0.272	51	4.1	0.5	0.1	8.0	1.8	2.58	0.14	PL	...	5
J1702.1–2524	255.530	–25.413	357.496	9.984	0.088	0.065	84	4.1	0.3	0.1	4.0	1.3	1.76	0.28	PL	...	3
J1702.1–4623	255.537	–46.387	340.779	–2.772	0.140	0.116	–17	4.9	1.4	0.3	20.7	5.1	2.51	0.13	PL	...	4
J1702.6+3116	255.661	31.268	53.403	35.759	0.101	0.077	–66	5.8	0.2	0.1	3.7	1.1	1.40	0.15	PL	...	...	...	...	bll	RX J1702.6+3115
J1702.8–5656	255.720	–56.936	332.398	–9.245	0.044	0.037	68	28.8	3.2	0.2	32.0	1.7	2.39	...	LP	2FGL J1702.5–5654

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J1702.4–5653			
J1703.6–2850	255.924	–28.848	354.922	7.650	0.085	0.077	–18	4.1	0.5	0.1	5.9	1.5	2.23	0.17	PL	...	...	...	...	...	...
J1703.6–6211	255.917	–62.196	328.134	–12.430	0.040	0.038	87	34.6	2.8	0.2	40.1	1.5	2.47	0.03	PL	T	3	1FGL J1702.7–6217	...	fsrq	MRC 1659–621
J1703.9–4843	255.990	–48.724	339.106	–4.436	0.128	0.096	–53	7.2	1.2	0.2	17.8	2.7	2.48	0.09	PL	...	...	...	...	...	...
J1704.0+7646	256.023	76.769	108.934	32.401	0.234	0.131	–44	7.2	0.3	0.1	4.5	0.7	2.57	0.13	PL	T	...	...	...	bcu	NVSS J170357+764611
J1704.1+1234	256.033	12.574	32.465	29.424	0.069	0.069	72	9.4	0.6	0.1	9.4	1.2	2.58	0.10	PL	...	...	2FGL J1704.3+1235	...	...	...
J1704.4–0528	256.121	–5.478	14.913	20.797	0.089	0.062	88	7.9	0.9	0.1	10.1	1.5	2.18	0.11	PL	...	...	2FGL J1704.6–0529	...	...	...
J1705.5+0948	256.376	9.803	29.763	27.951	0.231	0.203	–52	6.0	0.3	0.1	7.3	1.2	2.81	0.14	PL	...	...	...	...	...	...
J1705.5+7134	256.389	71.567	102.988	33.919	0.187	0.142	13	4.1	0.2	0.0	2.5	0.6	2.45	0.21	PL	...	...	...	...	bll	GB6 J1704+7138
J1705.5–4128c	256.396	–41.481	345.052	–0.281	0.141	0.084	–64	5.1	1.4	1.7	29.2	13.6	2.77	1.06	PL	...	1,4,6	...	...	...	...
J1707.8+5626	256.956	56.443	84.719	36.505	0.231	0.175	–74	5.4	0.2	0.1	3.7	0.7	2.76	0.19	PL	...	1	...	...	...	...
J1709.4–0917	257.368	–9.284	12.197	17.725	0.172	0.146	21	5.7	0.7	0.1	9.8	1.6	2.46	0.11	PL	...	3	3EG J1709–0828	...	...	...
J1709.5–0335	257.386	–3.595	17.334	20.697	0.221	0.157	30	6.1	0.6	0.1	9.7	1.6	2.59	0.13	PL	...	1	2FGL J1710.0–0323	...	...	...
																		1FGL J1709.1–0343			
J1709.6+4318	257.424	43.312	68.392	36.223	0.023	0.023	58	62.2	4.4	0.2	47.0	1.5	2.28	...	LP	T	...	1FHL J1709.5+4320	...	fsrq	B3 1708+433
																		2FGL J1709.7+4319			
																		1FGL J1709.6+4320			
J1709.7–4429	257.432	–44.487	343.098	–2.689	0.006	0.006	9	360.8	187.3	1.2	1314.8	8.0	2.02	...	EC	...	...	1FHL J1709.7–4429	E	PSR	PSR J1709–4429
																		2FGL J1709.7–4429			
																		1FGL J1709.7–4429			
																		0FGL J1709.7–4428			
																		1AGL J1709–4428			
J1709.9+4624	257.487	46.412	72.234	36.385	0.275	0.183	1	4.8	0.2	0.1	3.6	0.7	2.51	0.17	PL	...	...	...	...	...	...
J1710.6–4317	257.660	–43.289	344.162	–2.111	0.154	0.113	–28	5.0	1.3	0.3	19.9	4.2	2.53	0.13	PL	...	4,5	...	...	...	...
J1711.5–5029	257.890	–50.484	338.420	–6.472	0.081	0.078	–69	5.4	0.6	0.1	9.9	1.9	2.56	0.12	PL	...	1	...	...	bcu	PMN J1711–5028
J1711.6+8846	257.908	88.774	121.677	27.640	0.057	0.048	–32	6.7	0.2	0.1	3.3	0.8	1.57	0.18	PL	...	...	...	...	bcu	1RXS J171643.8+884414
J1712.6+2932	258.160	29.537	51.984	33.254	0.086	0.062	–20	6.5	0.3	0.1	3.9	1.0	1.58	0.15	PL	...	...	...	...	bll	RX J1712.8+2931
J1713.5–3945e	258.390	–39.760	347.336	–0.473	...	...	...	14.4	4.5	0.6	66.9	5.9	1.62	0.07	PL	...	3	1FGL J1711.7–3944c	E	SNR	RX J1713.7–3946
																		1FHL J1713.5–3951e			
																		2FGL J1712.4–3941			
																		...			
J1714.0+0748	258.504	7.802	28.782	25.184	0.062	0.059	90	13.6	1.5	0.2	9.4	1.2	2.19	...	EC	...	...	2FGL J1714.0+0751	...	PSR	PSR J1713+0747
																		1FGL J1713.9+0750			
J1714.1–2029	258.533	–20.496	3.196	10.588	0.058	0.055	–64	6.8	0.3	0.1	5.7	1.5	1.34	0.18	PL	...	...	...	...	bcu	1RXS J171405.2–202747
J1714.5–3832	258.643	–38.549	348.433	0.077	0.029	0.026	–12	29.2	14.0	0.6	130.5	7.2	2.30	...	LP	...	...	0FGL J1714.7–3827	E	snr	CTB 37A

Table 4—Continued

Name	3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
																			1FGL J1714.5–3830c				
																			2FGL J1714.5–3829				
																			3EG J1714–3857				
J1714.6–3327	258.656	–33.457	352.576	3.040	0.132	0.087	–30	5.4	1.2	0.2	15.5	3.2	2.36	0.12	PL	...	...	1FGL J1715.2–3319	...	...	...
J1715.4–4028	258.852	–40.469	346.967	–1.174	0.043	0.042	42	6.5	1.4	0.3	15.3	3.3	2.10	0.16	PL	...	...	2FGL J1715.4–4024c	...	...	...
J1715.7+6837	258.939	68.631	99.306	33.788	0.060	0.054	–26	16.3	1.0	0.1	7.7	0.8	2.25	...	LP	T	...	2FGL J1714.8+6836	...	fsrq	S4 1716+68		
J1716.6–2812	259.161	–28.205	357.125	5.723	0.174	0.115	6	7.9	1.2	0.2	17.6	2.3	2.49	0.09	PL	...	...	2FGL J1717.3–2809	...	glc	NGC 6316	
																		3EG J1717–2737					
J1716.7–8112	259.190	–81.215	311.694	–23.333	0.075	0.072	34	4.3	0.3	0.1	2.8	0.8	2.06	0.24	PL	...	...	...	...	bcu	1RXS	
																		...	...		J171712.6–811501	
J1717.4–5157	259.365	–51.965	337.733	–8.079	0.094	0.062	–80	12.2	1.4	0.1	20.6	2.0	2.49	0.07	PL	T	...	...	...	fsrq	PMN J1717–5155	
J1717.6–4404	259.421	–44.068	344.273	–3.600	0.152	0.138	–8	7.5	1.4	0.2	24.5	3.3	2.64	0.09	PL	...	7	...	...	...	...
J1717.6–5802	259.408	–58.044	332.635	–11.503	0.125	0.076	–13	10.9	0.9	0.1	12.4	1.3	2.42	0.09	PL	...	1	2FGL J1717.5–5802	...	psr	PSR J1717–5800		
J1717.8–3342	259.451	–33.700	352.762	2.359	0.039	0.034	–68	22.4	5.6	0.3	86.1	4.4	2.54	0.03	PL	T	...	2FGL J1717.7–3342	...	bll	TXS 1714–336		
																		1FGL J1717.9–3343					
																			3EG J1718–3313				
J1718.0–3726	259.506	–37.448	349.724	0.162	0.030	0.026	–35	13.1	4.4	0.4	48.8	4.9	2.13	0.06	PL	...	3	1FHL J1717.9–3725	P	snr	SNR G349.7+00.2		
																			2FGL J1718.1–3725				
																			1FGL J1717.9–3729c				
J1718.1–3056	259.529	–30.941	355.060	3.891	0.066	0.057	60	7.9	1.3	0.2	17.2	2.5	2.37	0.09	PL	...	...	2FGL J1718.4–3056	...	bcu	PMN J1718–3056	
J1718.1–3825	259.545	–38.428	348.941	–0.428	0.034	0.030	62	24.4	11.5	0.6	82.4	6.6	2.39	...	EC	...	...	2FGL J1718.3–3827	E	PSR	PSR J1718–3825	
																		1FGL J1718.2–3825					
J1719.2+1744	259.811	17.742	39.518	28.087	0.033	0.032	–36	20.6	1.6	0.1	17.6	1.4	2.04	0.06	PL	T	...	1FHL J1719.1+1745	...	bll	PKS 1717+177		
																			2FGL J1719.3+1744				
																			1FGL J1719.2+1745				
																			0FGL J1719.3+1746				
J1719.2–2433	259.819	–24.551	0.487	7.318	0.200	0.160	–59	6.3	0.7	0.2	13.6	2.0	2.66	0.12	PL	...	1,4	...	...	...	...
J1719.3+1206	259.848	12.108	33.721	25.837	0.063	0.056	82	6.6	0.5	0.1	5.4	1.1	2.08	0.18	PL	...	...	...	...	bcu	1RXS	
																			...			J171921.2+120711	
J1720.3–0428	260.096	–4.473	17.992	17.923	0.078	0.072	47	4.3	0.5	0.2	5.8	1.7	2.09	0.18	PL	...	...	3EG J1719–0430	...	...	...
J1720.7+0711	260.191	7.189	28.997	23.414	0.091	0.073	74	9.5	0.9	0.1	11.2	1.4	2.35	0.09	PL	...	...	2FGL J1721.0+0711	...	...	...
																			1FGL J1721.1+0713				
J1721.4–5253	260.356	–52.897	337.295	–9.102	0.276	0.154	10	6.3	0.6	0.1	10.6	1.8	2.58	0.12	PL	...	...	...	...	...	...
J1721.8–3919	260.464	–39.326	348.614	–1.528	0.094	0.071	–29	5.3	1.4	0.3	18.5	3.9	2.42	0.14	PL	...	1	...	...	...	...
J1722.7+1014	260.691	10.243	32.238	24.302	0.032	0.030	59	19.9	1.8	0.1	22.1	1.5	2.30	0.05	PL	T	...	1FHL J1722.6+1011	...	fsrq	TXS 1720+102		
																			2FGL J1722.7+1013				
																			1FGL J1722.5+1012				

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1722.7+6104	260.690	61.082	90.168	34.161	0.377	0.229	72	5.1	0.2	0.1	5.4	1.0	2.87	0.14	PL	...	...	...	...	fsrq	GB6 J1722+6105
J1722.7-0415	260.691	-4.264	18.495	17.517	0.111	0.087	7	6.4	1.0	0.2	12.3	2.1	2.29	0.09	PL	...	...	2FGL J1722.5-0420 1FGL J1722.4-0421	...	...	...
J1722.9-4529	260.728	-45.484	343.633	-5.167	0.135	0.109	37	5.9	0.9	0.2	13.1	2.6	2.51	0.13	PL	...	1	...	...	spp	...
J1723.5-5609	260.881	-56.161	334.689	-11.143	0.137	0.101	-65	4.3	0.3	0.1	5.6	1.3	2.62	0.20	PL	...	...	...	...	bcu	PMN J1723-5614
J1723.6-3646	260.919	-36.768	350.925	-0.376	0.086	0.060	-2	4.2	1.6	0.4	20.6	7.4	2.35	0.23	PL	...	3	...	...	...	...
J1723.7-7713	260.943	-77.231	315.690	-21.795	0.069	0.062	69	14.7	1.1	0.1	15.1	1.2	2.47	0.06	PL	T	...	2FGL J1725.1-7714	...	bcu	PKS 1716-771
J1723.9+4004	260.986	40.068	64.881	33.179	0.056	0.053	-31	21.7	1.2	0.1	16.4	1.0	2.45	0.05	PL	T	...	2FGL J1724.0+4003 1FGL J1724.0+4002	...	fsrq	S4 1722+40
J1725.0+1152	261.262	11.883	34.130	24.485	0.021	0.020	83	32.7	3.5	0.2	40.8	2.4	1.89	0.05	PL	T	...	1FHL J1725.1+1151 2FGL J1725.0+1151 1FGL J1725.0+1151	P	bll	1H 1720+117
J1725.0-0513	261.251	-5.223	17.923	16.551	0.145	0.103	84	4.7	0.6	0.2	6.9	1.7	2.02	0.18	PL	...	...	2FGL J1724.9-0508c 1FGL J1725.2-0509	...	...	...
J1725.1-2832	261.279	-28.539	357.907	3.998	0.108	0.100	19	6.1	1.1	0.2	18.5	3.0	2.60	0.11	PL	...	1,10	1FGL J1725.5-2832	...	spp	...
J1725.3+5853	261.332	58.887	87.497	33.996	0.076	0.072	87	8.6	0.4	0.1	5.0	0.7	2.18	0.12	PL	...	...	2FGL J1725.2+5853 1FGL J1725.5+5854	...	bll	7C 1724-5854
J1725.7-3555c	261.429	-35.930	351.849	-0.244	0.176	0.113	-84	4.1	2.2	0.5	31.8	10.2	2.47	0.15	PL	...	5,6	1FGL J1724.0-3611c	...	...	...
J1726.6-3530c	261.667	-35.515	352.301	-0.173	0.078	0.072	-24	7.9	4.0	0.5	54.3	8.0	2.43	0.07	PL	...	3,6	...	...	...	...
J1727.1+4531	261.800	45.527	71.446	33.328	0.053	0.050	-43	29.9	1.4	0.1	20.0	0.9	2.53	...	LP	T	...	2FGL J1727.1+4531 1FGL J1727.3+4525	...	fsrq	S4 1726+45
J1727.4+0634	261.872	6.576	29.211	21.646	0.287	0.240	-4	5.6	0.4	0.1	8.1	1.5	2.69	0.13	PL	...	...	2FGL J1727.6+0647	...	...	...
J1727.6-0654	261.914	-6.913	16.756	15.127	0.309	0.223	-0	5.6	0.8	0.2	10.8	1.9	2.46	0.12	PL	...	1	2FGL J1727.1-0704	...	...	...
J1727.7-2637	261.946	-26.625	359.833	4.568	0.261	0.177	-14	10.0	1.1	0.2	20.9	2.5	2.59	...	LP	...	...	...	...	...	...
J1728.0+1217	262.002	12.289	34.864	23.995	0.067	0.064	-13	7.6	0.7	0.1	8.8	1.5	2.38	0.12	PL	T	...	2FGL J1727.9+1220	...	fsrq	PKS 1725+123
J1728.0-4606	262.001	-46.109	343.605	-6.253	0.094	0.084	-50	6.8	0.9	0.1	11.0	1.9	2.33	0.12	PL	...	...	2FGL J1727.3-4611	...	spp	...
J1728.0-6446	262.010	-64.773	327.425	-16.111	0.368	0.321	79	4.4	0.2	0.1	4.9	1.0	2.91	0.19	PL	...	4	...	...	...	...
J1728.3+5013	262.096	50.231	77.082	33.526	0.036	0.032	-50	18.8	1.1	0.1	12.2	1.1	1.96	0.06	PL	...	...	1FHL J1728.3+5014 2FGL J1728.2+5015 1FGL J1727.9+5010	P	bll	I Zw 187
J1728.5+0428	262.145	4.478	27.340	20.452	0.160	0.125	70	11.7	0.9	0.1	14.9	1.4	2.59	0.08	PL	T	...	2FGL J1728.2+0429 1FGL J1728.2+0431 3EG J1727+0429 EGR J1727+0416	...	fsrq	PKS 1725+044
J1729.0+6049	262.264	60.826	89.791	33.418	0.163	0.137	-49	4.3	0.2	0.1	3.6	1.0	2.52	0.18	PL	...	...	3EG J1733+6017	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1729.5–2824	262.375	–28.411	358.550	3.267	0.597	0.503	–34	6.7	1.0	0.2	16.0	2.6	2.62	...	LP	...	1,4,5,9,12	...	...	spp	...
J1729.7–2408	262.435	–24.137	2.165	5.564	0.145	0.118	–89	11.7	1.6	0.3	23.4	2.4	2.57	...	LP	...	3	2FGL J1730.6–2409 1FGL J1730.4–2406	...	...	...
J1729.9–0859	262.491	–8.986	15.218	13.576	0.583	0.448	56	7.2	0.4	0.1	10.7	1.5	2.61	...	LP	...	1,9,12	2FGL J1729.5–0854	...	...	...
J1730.5+0023	262.647	0.397	23.769	18.098	0.037	0.034	–50	22.8	2.6	0.2	29.2	1.8	2.19	0.04	PL	T	...	1FGL J1730.4+0008 1FHL J1730.7+0017 2FGL J1730.7+0023	...	fsrq	PKS 1728+004
J1730.6+3711	262.662	37.190	61.821	31.360	0.082	0.080	–21	7.7	0.5	0.1	5.0	0.8	2.09	0.11	PL	...	...	2FGL J1731.3+3718 1FGL J1730.8+3716	...	bll	GB6 J1730+3714
J1730.6–0357	262.665	–3.952	19.804	15.966	0.079	0.070	33	8.3	1.3	0.2	6.4	1.3	2.17	...	LP	...	...	2FGL J1730.6–0353 1FGL J1730.7–0352	...	...	...
J1731.8–3001	262.964	–30.021	357.483	1.954	0.038	0.032	24	10.3	2.1	0.3	23.0	3.0	1.99	0.08	PL	...	...	2FGL J1731.8–3004	...	bll	NVSS J173146–300309
J1731.9+5428	262.985	54.482	82.193	33.156	0.502	0.334	46	7.1	0.2	0.1	6.1	0.8	2.90	0.12	PL	...	...	1FGL J1732.0–2957 2FGL J1730.8+5427	...	...	...
J1732.4–2709	263.123	–27.150	359.969	3.403	0.073	0.064	–73	6.1	1.4	0.2	18.2	3.6	2.37	0.12	PL	...	...	2FGL J1731.9–2703c	...	...	...
J1732.5–3130	263.134	–31.515	356.312	1.015	0.014	0.014	–22	58.0	30.7	0.7	149.2	4.2	2.02	...	EC	T	...	2FGL J1732.5–3131 1FGL J1732.5–3131 EGR J1732–3126	...	PSR	LAT PSR J1732–3131
J1732.5–5048	263.149	–50.801	340.026	–9.419	0.104	0.088	–73	6.7	0.6	0.1	8.5	1.3	2.41	0.11	PL	...	...	...	...	PSR	PSR J1732–5049
J1732.7+5914	263.183	59.247	87.882	33.031	0.139	0.100	–23	4.5	0.2	0.1	2.4	0.7	2.01	0.23	PL	...	...	...	...	...	...
J1733.0–1305	263.256	–13.086	12.025	10.813	0.029	0.027	–76	36.8	5.6	0.3	61.6	2.5	2.35	...	LP	T	...	2FGL J1733.1–1307 1FGL J1733.0–1308 3EG J1733–1313	...	FSRQ	PKS 1730–13
J1733.5–2811	263.383	–28.194	359.217	2.642	0.069	0.055	–90	5.2	1.3	0.2	17.6	4.3	2.45	0.13	PL	...	4,5	2FGL J1733.4–2812c	...	...	...
J1733.5–3941	263.385	–39.699	349.554	–3.610	0.074	0.062	–60	6.5	1.0	0.2	11.9	2.3	2.23	0.16	PL	...	3	...	...	...	...
J1733.8–6056	263.464	–60.933	331.221	–14.772	0.075	0.067	30	9.2	0.5	0.1	9.0	1.1	2.58	0.10	PL	...	3	...	...	...	...
J1734.3+3858	263.586	38.978	64.040	31.010	0.033	0.032	–0	34.7	2.3	0.1	28.6	1.2	2.31	0.03	PL	T	...	2FGL J1734.3+3858 1FGL J1734.4+3859	...	fsrq	B2 1732+38A
J1734.7–2930	263.695	–29.507	358.260	1.701	0.096	0.085	–2	9.0	3.4	0.4	21.0	3.2	2.25	...	LP	...	3	3EG J1736–2908	...	...	...
J1735.4–1118	263.862	–11.309	13.887	11.225	0.045	0.040	73	7.7	0.9	0.2	10.2	1.9	2.16	0.14	PL	...	...	1FHL J1735.3–1118 1FGL J1735.4–1118	...	bcu	PMN J1735–1117
J1736.0+2033	264.020	20.562	44.086	25.419	0.039	0.034	–20	12.2	0.7	0.1	8.9	1.4	1.72	0.10	PL	...	3,4,5	1FHL J1735.9+2033 2FGL J1735.9+2033 1FGL J1735.7+2031	...	bcu	NVSS J173605+203301
J1736.0–2701	264.019	–27.020	0.511	2.802	0.085	0.081	–12	8.3	2.5	0.4	18.1	2.8	2.40	...	LP	...	...	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1736.2–4444	264.055	–44.747	345.541	–6.734	0.049	0.045	–45	17.0	2.1	0.2	26.5	1.8	2.38	0.05	PL	...	10	2FGL J1736.0–4443 1FGL J1735.9–4438	...	glc	NGC 6388
J1736.4+0634	264.124	6.568	30.273	19.642	0.211	0.193	–13	9.4	0.6	0.1	12.2	1.4	2.73	0.10	PL	T	3	2FGL J1736.6+0626 1FGL J1736.3+0628	...	fsrq	MG1 J173624+0632
J1736.5–2839	264.132	–28.654	359.185	1.839	0.149	0.115	–32	8.9	3.0	0.5	20.9	2.5	2.54	...	LP	...	12	3EG J1736–2908	...	...	...
J1737.3–3214c	264.348	–32.240	356.260	–0.243	0.109	0.069	10	5.8	2.2	0.4	24.8	4.6	2.14	0.09	PL	...	3,6	2FGL J1737.2–3213 1AGL J1736–3235	...	spp	...
J1737.9–2511	264.476	–25.186	2.283	3.437	0.163	0.130	21	10.7	2.1	0.4	27.7	3.1	2.58	...	LP	...	...	...	...	...	...
J1739.0+8716	264.759	87.277	120.002	27.944	0.055	0.052	–30	11.4	0.6	0.1	7.2	0.8	2.28	0.08	PL	T	...	2FGL J1738.9+8716	...	bcu	NVSS J173722+871744
J1739.4+4955	264.873	49.927	76.889	31.725	0.043	0.039	22	22.5	1.3	0.1	15.7	1.0	2.31	0.05	PL	T	...	1FGL J1739.4+8717 1FHL J1739.3+4953 2FGL J1739.5+4955 EGR J1740+4946	...	fsrq	S4 1738+49
J1739.9–3124c	264.990	–31.403	357.259	–0.258	0.087	0.058	48	5.1	2.2	0.4	26.3	5.4	2.29	0.09	PL	...	3,4,5,6	...	...	...	...
J1740.3+4736	265.086	47.608	74.204	31.327	0.075	0.066	27	6.2	0.3	0.1	3.4	0.7	1.95	0.17	PL	...	...	2FGL J1740.3+4738	...	fsrq	S4 1738+47
J1740.3+5211	265.085	52.191	79.555	31.790	0.041	0.037	–18	29.3	1.7	0.1	23.2	1.0	2.45	0.04	PL	T	...	1FHL J1740.2+5211 2FGL J1740.2+5212 1FGL J1740.0+5209 3EG J1738+5203 EGR J1740+5213	...	fsrq	4C +5157
J1740.4+5347	265.103	53.784	81.427	31.887	0.087	0.073	21	6.0	0.3	0.1	3.4	0.7	2.02	0.17	PL	...	...	...	...	bcu	NVSS J174036+534623
J1740.5–2642	265.137	–26.712	1.304	2.123	0.093	0.076	–29	8.8	2.8	0.4	16.8	2.5	2.37	...	LP	...	3	...	...	...	...
J1740.5–2726	265.134	–27.450	0.677	1.733	0.092	0.083	–50	12.8	3.9	0.4	38.8	4.2	2.57	...	LP	...	...	2FGL J1739.6–2726	...	...	...
J1740.5–2843	265.125	–28.717	359.597	1.069	0.065	0.054	–4	15.1	6.4	0.6	67.4	6.1	2.49	...	LP	...	3	EGR J1740–2851	...	...	...
J1740.8–1933	265.213	–19.565	7.432	5.827	0.108	0.086	–24	4.3	0.7	0.2	8.2	2.2	2.21	0.17	PL	...	...	...	...	...	...
J1740.8–6755	265.215	–67.928	325.150	–18.735	0.156	0.110	–12	5.2	0.3	0.1	4.7	0.9	2.54	0.15	PL	...	1	2FGL J1741.1–6750	...	...	...
J1741.1–3053	265.290	–30.894	357.827	–0.206	0.117	0.105	22	11.4	7.1	0.7	42.3	5.0	2.28	...	LP	...	3	2FGL J1740.4–3054c 0FGL J1741.4–3046	...	snr	MSH 17–39
J1741.4+0938	265.357	9.638	33.773	19.891	0.242	0.195	28	5.2	0.4	0.1	8.7	1.5	2.75	0.13	PL	...	...	...	...	...	...
J1741.5+1351	265.385	13.855	37.881	21.633	0.125	0.112	–4	5.5	0.5	0.1	5.7	1.1	2.23	0.12	PL	...	3	2FGL J1741.0+1347	...	PSR	PSR J1741+1351
J1741.9–2054	265.491	–20.914	6.415	4.899	0.022	0.022	82	67.5	16.0	0.4	118.3	2.8	2.31	...	EC	...	...	0FGL J1742.1–2054 1FGL J1741.8–2101 2FGL J1741.9–2054 3EG J1741–2050	...	PSR	LAT PSR J1741–2054
J1741.9–2539	265.476	–25.662	2.357	2.418	0.048	0.039	–40	7.3	1.6	0.3	18.6	3.3	2.21	0.12	PL	...	...	1FHL J1741.9–2539	...	bcu	NVSS J174154–253743

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1742.2+5947	265.573	59.793	88.508	31.811	0.072	0.064	-29	8.9	0.4	0.1	5.3	0.7	2.30	0.12	PL	...	...	2FGL J1742.0-2540c 2FGL J1742.1+5948 1FGL J1742.1+5947	...	bll	RGB J1742+597
J1742.4-7237	265.622	-72.618	320.713	-20.878	0.424	0.370	49	5.2	0.1	0.1	5.2	0.9	3.05	0.19	PL	...	1	...	...	...	...
J1742.6-3321	265.665	-33.356	355.902	-1.775	0.067	0.062	-73	15.3	4.9	0.4	32.1	3.2	2.39	...	LP	...	...	2FGL J1742.5-3323	...	...	...
J1743.9+1934	265.987	19.582	43.830	23.340	0.053	0.048	24	9.9	0.6	0.1	8.0	1.3	1.78	0.11	PL	...	...	1FHL J1744.2+1938 2FGL J1744.1+1934 1FGL J1744.2+1934	P	bll	S3 1741+19
J1743.9-1310	265.993	-13.179	13.336	8.480	0.121	0.099	-38	5.0	0.7	0.1	8.2	1.8	2.24	0.13	PL	...	...	...	...	...	...
J1744.1-7619	266.045	-76.329	317.105	-22.471	0.035	0.034	-50	32.8	3.9	0.2	22.5	1.3	2.11	...	LP	...	...	2FGL J1744.1-7620 1FGL J1743.8-7620	...	...	...
J1744.3-0353	266.076	-3.898	21.575	13.026	0.125	0.109	1	4.8	0.6	0.1	7.5	1.7	2.27	0.16	PL	...	...	1FGL J1744.6-0354	...	fsrq	PKS 1741-03
J1744.5-1133	266.134	-11.554	14.825	9.184	0.043	0.040	37	27.6	5.3	0.3	39.2	2.2	2.32	...	EC	...	...	2FGL J1744.6-1135 1FGL J1744.4-1134	...	PSR	PSR J1744-1134
J1744.5-2506	266.136	-25.100	3.149	2.205	0.145	0.104	-29	7.7	1.8	0.3	32.4	4.3	2.64	0.08	PL	...	5	...	...	...	...
J1744.7-2252	266.181	-22.869	5.076	3.333	0.256	0.210	75	10.1	1.0	0.2	20.0	2.2	2.54	...	LP	...	3,4,5	...	...	...	...
J1744.7-3043	266.180	-30.719	358.377	-0.764	0.071	0.058	49	6.6	3.0	0.5	38.0	6.4	2.36	0.08	PL	...	12	1AGL J1746-3017	...	...	...
J1744.8-1557	266.215	-15.959	11.034	6.876	0.195	0.133	78	4.8	0.7	0.2	10.0	2.0	2.43	0.13	PL	...	3	...	...	...	...
J1744.9-1725	266.248	-17.433	9.777	6.093	0.037	0.037	76	11.8	1.6	0.2	17.5	2.1	2.08	0.09	PL	...	...	2FGL J1745.1-1729	...	bcu	1RXS J174459.5-172640
J1745.1-3011	266.297	-30.199	358.874	-0.579	0.068	0.049	46	13.7	9.6	0.8	84.1	8.4	2.44	...	LP	...	3,5	3EG J1744-3011 1AGL J1746-3017	E	spp	...
J1745.3-2903c	266.343	-29.063	359.864	-0.020	0.023	0.022	47	20.7	38.7	2.0	230.8	19.7	2.29	...	LP	...	5,6,7	...	...	...	...
J1745.4+4721	266.373	47.351	74.042	30.431	0.209	0.156	-71	5.8	0.3	0.1	5.0	0.8	2.56	0.14	PL	...	...	...	...	...	...
J1745.4-0754	266.352	-7.900	18.147	10.825	0.045	0.038	-0	9.7	1.1	0.2	12.3	1.8	1.92	0.10	PL	...	...	2FGL J1745.5-0751 1FGL J1745.6-0751	...	bll	TXS 1742-078
J1745.5+1017	266.379	10.284	34.851	19.258	0.068	0.061	-48	13.6	1.6	0.2	10.6	1.5	2.26	...	EC	...	...	2FGL J1745.6+1015 1FGL J1745.5+1018	...	PSR	PSR J1745+1017
J1745.6-2859c	266.416	-28.995	359.956	-0.039	0.018	0.017	-45	12.0	21.8	1.9	268.7	25.3	2.32	0.03	PL	...	6,10	1FHL J1745.6-2900 2FGL J1745.6-2858 1FGL J1745.6-2900c	P	spp	...
J1745.7+3952	266.439	39.867	65.572	29.038	0.084	0.059	50	5.3	0.2	0.1	2.6	0.8	1.69	0.32	PL	...	...	...	...	bll	B2 1743+39C
J1746.3-2851c	266.594	-28.863	0.149	-0.103	0.024	0.023	37	21.0	27.5	1.8	164.5	18.5	2.32	...	LP	...	5,6	1FHL J1746.3-2851 2FGL J1746.6-2851c 1FGL J1746.4-2849c 3EG J1746-2851	...	pwn	PWN G0.13-0.11

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1746.6+0433	266.652	4.560	29.577	16.491	0.197	0.170	-73	4.4	0.5	0.1	7.5	1.7	2.54	0.16	PL	...	...	...	...	...	...
J1746.8-3240	266.706	-32.669	356.945	-2.160	0.035	0.034	-47	26.4	8.6	0.4	70.2	4.2	2.37	...	EC	...	...	2FGL J1746.5-3238	...	PSR	LAT PSR J1746-3239
J1747.0-2828	266.775	-28.482	0.557	-0.041	0.041	0.035	-12	20.3	19.1	1.1	145.5	8.4	2.43	...	LP	T	...	...	...	...	...
J1747.0-3506	266.756	-35.107	354.877	-3.457	0.091	0.074	-22	11.7	1.5	0.2	27.9	2.5	2.67	0.07	PL	...	5,7	2FGL J1747.2-3507	...	...	...
J1747.1+0139	266.785	1.655	26.959	15.039	0.255	0.241	-13	5.0	0.5	0.1	9.0	1.7	2.64	0.15	PL	...	3	...	...	bcu	PMN J1746+0141
J1747.2-2958	266.819	-29.982	359.294	-0.852	0.022	0.022	9	34.3	21.7	0.8	178.5	9.3	2.37	...	EC	...	...	1AGL J1746-3017 1FGL J1747.2-2958 2FGL J1747.1-3000	...	PSR	PSR J1747-2958
J1747.3+0324	266.846	3.413	28.606	15.797	0.139	0.089	87	6.2	0.7	0.1	9.2	1.7	2.35	0.13	PL	...	...	2FGL J1747.6+0324	...	...	...
J1747.6-4037	266.922	-40.630	350.183	-6.399	0.067	0.059	-55	10.0	1.3	0.2	16.0	1.8	2.32	0.08	PL	...	...	2FGL J1747.5-4036 1FGL J1747.4-4035	...	PSR	PSR J1747-4036
J1747.7-2904	266.943	-29.075	0.126	-0.474	0.069	0.060	87	7.0	5.6	0.8	84.3	14.9	2.52	0.08	PL	...	5,7	...	...	...	...
J1748.0+2701	267.015	27.022	51.834	25.064	0.097	0.079	-28	5.1	0.3	0.1	3.8	0.8	2.28	0.16	PL	...	...	...	...	...	...
J1748.0+3405	267.014	34.090	59.346	27.182	0.068	0.058	-11	10.8	0.6	0.1	7.5	0.9	2.39	0.10	PL	...	...	...	...	fsrq	MG2 J174803+3403
J1748.0-2447	267.012	-24.788	3.829	1.689	0.028	0.025	-48	31.6	11.1	0.5	73.1	4.4	2.26	...	LP	T	1	2FGL J1748.0-2447 1FGL J1747.9-2448	E	glc	Terzan 5 ¹ ₁₀₆
J1748.3-2815c	267.092	-28.259	0.893	-0.165	0.030	0.029	-42	15.1	8.2	0.9	42.3	3.4	2.19	...	LP	...	3,6,12	...	...	...	...
J1748.5-3912	267.131	-39.206	351.498	-5.814	0.096	0.076	29	9.3	1.3	0.2	16.3	1.9	2.30	0.09	PL	...	3	...	...	...	...
J1748.6+7005	267.169	70.097	100.524	30.709	0.017	0.016	-37	52.7	4.1	0.1	46.0	1.6	2.06	0.02	PL	T	...	1FHL J1748.5+7006 2FGL J1748.8+7006 1FGL J1748.5+7004	...	bll	S4 1749+70
J1748.9-2021	267.236	-20.354	7.742	3.791	0.073	0.068	85	15.1	2.3	0.2	41.3	3.0	2.64	0.06	PL	...	...	2FGL J1748.7-2020 1FGL J1748.7-2020	...	glc	NGC 6440
J1749.1+4322	267.276	43.379	69.653	29.140	0.046	0.041	-53	19.3	1.1	0.1	13.2	1.0	2.25	0.06	PL	...	...	2FGL J1749.1+4323 1FGL J1749.0+4323	...	bll	B3 1747+433
J1749.2-2911	267.315	-29.193	0.193	-0.814	0.080	0.057	58	11.7	7.6	0.7	46.0	7.0	2.41	...	LP	...	3,7	...	...	...	...
J1749.6-3133	267.422	-31.552	358.215	-2.105	0.126	0.118	15	7.3	2.3	0.4	18.8	3.2	2.48	...	LP	...	1,4,5	2FGL J1749.7-3134c	...	...	...
J1749.7-0305	267.448	-3.086	22.979	12.217	0.088	0.077	40	7.4	0.9	0.2	12.8	1.9	2.43	0.12	PL	...	3	1FGL J1749.5-0301	...	...	...
J1750.2-3704	267.564	-37.067	353.523	-5.021	0.065	0.064	-29	10.4	1.5	0.2	18.7	2.0	2.34	0.07	PL	...	...	...	...	glc	NGC 6441
J1750.9-2220	267.743	-22.345	6.270	2.368	0.134	0.121	9	4.3	0.9	0.2	13.0	3.3	2.46	0.16	PL	...	4	...	...	...	...
J1751.5+0939	267.882	9.658	34.925	17.652	0.030	0.029	0	35.4	4.3	0.2	38.7	1.9	2.25	...	LP	T	...	1FHL J1751.5+0938 2FGL J1751.5+0938 1FGL J1751.5+0937 0FGL J1751.5+0935	...	bll	OT 081
J1753.5-5010	268.386	-50.170	342.279	-11.988	0.126	0.096	1	8.7	0.7	0.1	10.4	1.3	2.51	0.10	PL	T	...	2FGL J1753.8-5012	...	bcu	PMN J1753-5015

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J1754.0–5002			
J1753.6–4447	268.404	–44.793	347.085	–9.416	0.080	0.063	68	11.1	1.4	0.2	9.4	1.3	2.14	...	LP	...	...	2FGL J1753.8–4446	...	...	...
J1754.0–2538	268.508	–25.649	3.781	0.085	0.029	0.027	–87	16.8	7.7	0.6	41.7	3.7	2.08	...	LP	...	3	2FGL J1754.4–2538c	...	...	...
																		1FGL J1754.5–2537c			
J1754.0–2930	268.500	–29.506	0.451	–1.862	0.108	0.083	14	15.0	4.1	0.4	41.5	4.2	2.54	...	LP	...	3	2FGL J1754.1–2930	...	...	...
J1754.0–3321	268.518	–33.363	357.124	–3.822	0.133	0.115	–83	6.3	1.1	0.2	15.3	2.5	2.41	0.10	PL	...	4	...	...	...	...
J1754.1+3212	268.546	32.208	57.741	25.417	0.021	0.020	–79	41.6	3.4	0.2	39.5	2.1	1.90	0.03	PL	T	...	1FHL J1754.2+3213	...	bll	RX J1754.1+3212
																		2FGL J1754.3+3212			
																		1FGL J1754.3+3212			
J1754.3–6424	268.579	–64.405	329.121	–18.445	0.116	0.096	68	7.2	0.4	0.1	6.2	1.0	2.46	0.12	PL	...	...	2FGL J1755.5–6423	...	bll	PMN J1754–6423
J1756.3+5523	269.077	55.389	83.498	29.717	0.040	0.037	62	10.1	0.4	0.1	4.9	0.8	1.98	0.13	PL	...	...	1FHL J1756.5+5523	...	bll	1RXS J175615.5+552217
																		2FGL J1756.5+5523			
																		1FGL J1756.6+5524			
J1756.9+7032	269.246	70.549	100.992	29.981	0.076	0.054	31	5.5	0.2	0.1	2.4	0.7	1.71	0.24	PL	...	...	...	...	bll	MS 1757.7+7034
J1757.1+1533	269.290	15.560	41.175	18.873	0.232	0.136	20	4.5	0.4	0.1	4.3	1.0	2.04	0.15	PL	...	...	...	...	bcu	87GB 175437.6+153548
J1757.4+6536	269.361	65.602	95.278	30.071	0.061	0.054	–3	5.1	0.2	0.1	2.7	0.7	2.32	0.19	PL	...	...	...	...	bcu	7C 1757+6536
J1757.7–6030	269.428	–60.506	333.011	–17.165	0.063	0.056	90	9.6	0.6	0.1	3.6	0.6	1.96	...	LP	...	...	2FGL J1757.5–6028	...	...	...
J1757.8–3126	269.470	–31.446	359.190	–3.558	0.116	0.103	–9	6.0	1.2	0.2	15.8	2.7	2.42	0.10	PL	...	4	...	...	...	...
J1758.8–2346	269.707	–23.783	5.941	0.081	0.057	0.053	71	7.3	3.3	0.6	36.7	6.4	2.08	0.08	PL	...	3,5	...	...	...	...
J1758.8–2402	269.705	–24.037	5.720	–0.043	0.077	0.071	–34	5.3	2.3	0.5	25.6	5.6	1.99	0.10	PL	...	5	2FGL J1758.8–2402c	...	...	...
J1758.8–4108	269.713	–41.136	350.793	–8.483	0.068	0.064	12	6.4	0.7	0.1	7.4	1.4	2.10	0.12	PL	...	...	...	...	...	...
J1759.1–4822	269.795	–48.372	344.343	–11.958	0.060	0.054	15	12.8	1.2	0.1	14.0	1.4	2.30	0.08	PL	T	...	2FGL J1759.2–4819	...	bcu	PMN J1758–4820
J1759.2–3848	269.814	–38.811	352.887	–7.427	0.117	0.096	–58	5.7	0.8	0.1	8.9	1.7	2.24	0.12	PL	...	...	2FGL J1759.2–3853	...	...	...
																		EGR J1758–3923			
J1759.6–2141	269.910	–21.692	7.848	0.961	0.071	0.052	–19	5.2	1.6	0.3	19.4	4.2	2.29	0.11	PL	...	1	...	...	...	...
J1800.0–2955	270.023	–29.926	0.748	–3.217	0.116	0.103	64	5.6	1.0	0.2	19.1	3.4	2.66	0.10	PL	...	...	2FGL J1759.4–2954	...	...	...
J1800.5+7827	270.131	78.462	110.033	29.078	0.017	0.017	16	74.5	5.1	0.2	58.6	1.5	2.22	0.02	PL	T	...	1FHL J1800.5+7829	...	bll	S5 1803+784
																		2FGL J1800.5+7829			
																		1FGL J1800.4+7827			
																		0FGL J1802.2+7827			
J1800.8–2402	270.222	–24.035	5.956	–0.452	0.035	0.034	–3	17.5	10.3	0.8	73.3	6.8	2.12	...	LP	...	...	2FGL J1800.8–2400	E	...	...
																		1FGL J1800.5–2359c			
J1801.3–2326e	270.340	–23.440	6.527	–0.251	...	...	...	62.7	53.5	1.0	415.5	9.1	2.15	...	LP	T	...	0FGL J1801.6–2327	E	SNR	W28
																		1FGL J1801.3–2322c			
																		1FHL J1801.3–2326e			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		2FGL J1801.3–2326e			
																		3EG J1800–2338			
																		EGR J1800–2328			
J1801.5+4403	270.397	44.053	70.924	27.070	0.119	0.100	–52	12.1	0.5	0.1	9.3	0.8	2.70	0.09	PL	T	...	2FGL J1801.7+4405	...	fsrq	S4 1800+44
J1801.5–7825	270.388	–78.424	315.325	–24.088	0.162	0.156	–35	8.7	0.4	0.1	8.8	1.1	2.75	0.12	PL	T	...	...	...	...	...
J1801.6–2213	270.400	–22.220	7.615	0.304	0.055	0.040	–27	5.1	1.5	0.4	16.5	4.2	1.97	0.15	PL	...	3	...	...	...	...
J1802.4–3043	270.614	–30.724	0.304	–4.054	0.082	0.060	84	6.0	1.0	0.2	10.8	2.1	2.11	0.12	PL	...	...	...	...	...	...
J1802.6–3940	270.673	–39.674	352.445	–8.425	0.018	0.017	73	63.6	10.1	0.3	99.8	2.8	2.27	...	LP	T	...	1FHL J1802.7–3940	...	fsrq	PMN J1802–3940
																		2FGL J1802.6–3940			
																		1FGL J1802.5–3939			
																		0FGL J1802.6–3939			
																		3EG J1800–3955			
																		EGR J1758–3923			
J1803.1–2147	270.783	–21.787	8.166	0.210	0.027	0.025	–48	23.9	14.0	0.8	90.1	6.7	2.18	...	EC	...	...	2FGL J1803.3–2148	...	PSR	LAT PSR J1803–2149
																		1FGL J1803.1–2147c			
																		1AGL J1805–2143			
J1803.1–2728	270.786	–27.467	3.221	–2.587	0.110	0.075	–4	5.9	1.2	0.2	14.5	2.7	2.34	0.11	PL	...	1	...	...	...	...
J1803.3–6706	270.843	–67.116	326.868	–20.368	0.076	0.060	2	10.5	0.7	0.1	8.2	1.0	2.22	0.09	PL	...	...	2FGL J1802.8–6706	...	...	...
J1804.1+0341	271.034	3.697	30.830	12.204	0.121	0.108	–65	4.5	0.5	0.1	5.5	1.3	2.26	0.17	PL	...	3	1FGL J1804.1+0336	...	fsrq	TXS 1801+036
J1804.1+2532	271.039	25.543	51.664	21.168	0.162	0.154	–55	6.1	0.3	0.1	6.5	1.0	2.71	0.12	PL	...	...	2FGL J1803.6+2523c	...	...	...
J1804.5–0850	271.130	–8.842	19.650	6.239	0.107	0.090	72	8.1	1.0	0.2	19.9	2.4	2.75	0.12	PL	...	4	...	...	...	...
J1805.6–2136e	271.408	–21.612	8.604	–0.211	...	...	...	33.2	24.2	0.9	204.4	8.6	2.07	...	LP	T	...	0FGL J1805.3–2138	E	SNR	W30
																		1AGL J1805–2143			
																		1FGL J1805.2–2137c			
																		1FHL J1805.6–2136e			
																		2FGL J1805.6–2136e			
J1805.9+0614	271.478	6.238	33.359	12.951	0.086	0.070	–50	9.3	1.1	0.2	5.5	1.0	2.08	...	LP	...	...	2FGL J1805.8+0612	...	psr	PSR J1805+06
																		1FGL J1806.2+0609			
J1805.9+3407	271.479	34.125	60.562	23.652	0.183	0.172	83	4.6	0.3	0.1	4.6	1.0	2.60	0.16	PL	...	...	...	...	...	...
J1806.2+2744	271.555	27.749	54.056	21.512	0.292	0.248	–32	4.3	0.3	0.1	4.6	1.0	2.47	0.14	PL	...	...	...	...	...	...
J1806.7+6949	271.681	69.818	100.124	29.177	0.022	0.021	79	46.1	3.3	0.1	39.0	1.3	2.23	0.03	PL	T	4	1FHL J1806.3+6948	...	bll	3C 371
																		2FGL J1806.7+6948			
																		1FGL J1807.0+6945			
J1806.7–2451	271.681	–24.855	5.895	–2.012	0.089	0.069	39	4.2	1.0	0.3	11.0	3.2	2.21	0.14	PL	...	...	...	...	...	...
J1806.8+5346	271.724	53.781	81.891	27.997	0.150	0.121	–65	5.2	0.3	0.1	4.4	0.8	2.56	0.14	PL	...	...	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1807.5–4343	271.888	–43.719	349.242	–11.112	0.147	0.122	–2	4.9	0.5	0.1	5.6	1.2	2.12	0.14	PL	...	...	1FGL J1807.6–4341	...	glc	NGC 6541
J1807.8+6427	271.951	64.455	93.993	28.949	0.068	0.065	–43	5.8	0.2	0.1	2.8	0.6	2.09	0.17	PL	...	...	...	...	bcu	7C 1807+6428
J1807.8–5011	271.954	–50.184	343.331	–14.030	0.150	0.109	74	4.5	0.4	0.1	5.0	1.2	2.42	0.18	PL	...	...	3EG J1806–5005	...	fsrq	PMN J1808–5011
J1808.0+4652	272.010	46.868	74.277	26.570	0.076	0.068	7	4.9	0.2	0.1	2.4	0.7	1.73	0.20	PL	...	...	...	...	bl	RGB J1808+468
J1808.3–3357	272.097	–33.963	358.060	–6.713	0.092	0.080	42	8.7	1.5	0.2	8.7	1.4	2.26	...	LP	...	...	2FGL J1808.3–3356	...	...	...
J1808.4–3519	272.101	–35.329	356.850	–7.363	0.096	0.094	–82	4.9	0.6	0.1	7.3	1.5	2.31	0.12	PL	...	...	...	...	...	...
J1808.4–3703	272.124	–37.051	355.325	–8.188	0.127	0.095	32	4.5	0.5	0.1	5.8	1.3	2.19	0.14	PL	...	...	...	...	...	...
J1808.5–1952	272.141	–19.872	10.457	0.038	0.070	0.058	74	8.8	5.5	0.6	44.4	6.9	2.31	...	LP	...	3,4	2FGL J1808.6–1950c 1FGL J1808.5–1954c	...	glc	2MS–GC01
J1809.0+3517	272.273	35.285	61.984	23.382	0.094	0.087	32	5.4	0.3	0.1	4.4	1.0	2.44	0.17	PL	...	...	...	...	...	...
J1809.2–2016c	272.324	–20.282	10.182	–0.311	0.056	0.046	17	5.4	2.6	0.5	32.1	7.1	2.33	0.10	PL	...	4	...	...	...	...
J1809.2–2725	272.315	–27.428	3.916	–3.755	0.133	0.099	–47	4.6	0.8	0.2	9.8	2.3	2.31	0.13	PL	...	4,6	...	...	...	...
J1809.4+2040	272.356	20.678	47.350	18.228	0.054	0.048	–1	6.7	0.4	0.1	4.2	1.0	1.88	0.22	PL	...	...	1FHL J1809.3+2040 2FGL J1809.4+2042	...	bl	RX J1809.3+2041
J1809.7+2909	272.432	29.158	55.761	21.274	0.038	0.033	81	16.3	1.1	0.1	13.2	1.4	1.91	0.07	PL	...	...	1FHL J1809.6+2910 2FGL J1809.7+2909 1FGL J1809.6+2908	...	bl	MG2 J180948+2910
J1809.8–2332	272.463	–23.544	7.388	–2.001	0.009	0.009	45	129.5	63.8	0.8	448.0	6.1	2.12	...	EC	...	...	1FHL J1809.8–2329 2FGL J1809.8–2332 1FGL J1809.8–2332 3EG J1809–2328 1AGL J1809–2332	...	PSR	PSR J1809–2332
J1810.1–1910	272.545	–19.168	11.258	0.046	0.108	0.086	42	5.1	2.1	0.6	23.7	6.4	2.10	0.15	PL	...	3,5	...	E	spp	...
J1810.5+1743	272.644	17.720	44.616	16.806	0.047	0.046	–40	24.0	2.5	0.2	22.4	1.4	2.34	...	EC	...	...	2FGL J1810.7+1742 1FGL J1810.3+1741	...	PSR	PSR J1810+1744
J1810.7+5335	272.683	53.589	81.777	27.406	0.099	0.077	6	5.6	0.2	0.1	3.1	0.8	1.78	0.18	PL	...	...	2FGL J1811.0+5340	...	...	...
J1810.8+1609	272.720	16.153	43.154	16.102	0.075	0.065	53	9.4	0.9	0.1	9.8	1.3	2.11	0.09	PL	...	1,5	2FGL J1810.8+1606 1FGL J1811.0+1607	...	bl	87GB 180835.5+160714
J1810.8–2412	272.715	–24.212	6.913	–2.525	0.107	0.065	71	6.2	1.8	0.3	21.8	4.3	2.32	0.10	PL	...	...	2FGL J1811.3–2421	...	...	...
J1811.2+0340	272.818	3.679	31.636	10.610	0.036	0.034	–33	11.2	0.8	0.1	10.4	1.6	1.71	0.09	PL	...	3	2FGL J1811.3+0339 1FGL J1811.3+0340	...	bl	NVSS J181118+034113
J1811.3–1927c	272.827	–19.457	11.133	–0.327	0.119	0.114	0	4.4	2.1	0.5	25.0	6.6	2.24	0.12	PL	...	6,9	...	...	spp	...
J1813.4–1246	273.350	–12.770	17.243	2.442	0.016	0.015	44	76.2	27.3	0.6	265.4	5.8	2.40	...	EC	...	...	2FGL J1813.4–1246 1FGL J1813.3–1246 0FGL J1813.5–1248	...	PSR	LAT PSR J1813–1246

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1813.6+0614	273.410	6.245	34.240	11.236	0.041	0.038	-4	11.0	0.9	0.1	10.4	1.5	1.88	0.09	PL	T	...	2FGL J1813.7+0617	...	bll	TXS 1811+062
J1813.6+2820	273.421	28.336	55.261	20.175	0.125	0.094	75	5.1	0.4	0.1	4.2	0.9	2.21	0.16	PL	...	...	...	...	...	...
J1813.6+3143	273.413	31.732	58.669	21.350	0.048	0.045	54	17.8	1.5	0.1	11.3	1.1	2.12	...	LP	...	...	1FHL J1813.4+3145 2FGL J1813.5+3143 1FGL J1813.4+3141	...	bll	B2 1811+31
J1813.6-1148	273.423	-11.808	18.122	2.838	0.144	0.116	21	11.8	1.2	0.2	48.1	4.8	2.68	...	LP	...	...	2FGL J1813.7-1139c	...	...	...
J1813.6-6845	273.413	-68.763	325.573	-21.846	0.138	0.113	-89	4.7	0.3	0.1	4.2	0.9	2.38	0.14	PL	...	3,5,9,12	...	...	...	...
J1814.0-1757c	273.514	-17.961	12.757	-0.180	0.097	0.061	-86	5.4	2.8	0.6	31.3	7.5	2.18	0.12	PL	...	6	1AGL J1815-1732	...	...	...
J1814.1-1734c	273.545	-17.582	13.105	-0.024	0.070	0.053	-64	9.0	5.3	0.6	82.0	8.8	2.55	0.05	PL	...	6,7	2FGL J1814.1-1735c 1FGL J1814.0-1736c 0FGL J1814.3-1739 1AGL J1815-1732	...	...	...
J1815.1+5919	273.794	59.326	88.279	27.627	0.213	0.157	42	6.2	0.3	0.1	5.1	0.8	2.69	0.12	PL	...	...	...	...	...	...
J1816.0-6407	274.002	-64.133	330.337	-20.519	0.123	0.094	-16	9.9	0.6	0.1	8.9	1.0	2.54	0.09	PL	...	...	2FGL J1815.6-6407 3EG J1813-6419 EGR J1814-6423	...	...	...
J1816.2-2726	274.059	-27.446	4.637	-5.125	0.134	0.093	-66	7.3	1.0	0.2	13.7	2.0	2.42	0.10	PL	...	...	...	...	...	...
J1816.5+4512	274.132	45.201	72.854	24.754	0.045	0.043	-84	22.1	1.7	0.1	12.1	0.9	2.15	...	EC	...	1,4	2FGL J1816.5+4511 1FGL J1816.7+4509	...	PSR	PSR J1816+4510
J1816.5-1145	274.126	-11.765	18.488	2.253	0.104	0.081	-51	5.9	1.6	0.3	23.6	5.2	2.48	0.13	PL	...	...	...	...	...	...
J1816.9-4944	274.233	-49.745	344.382	-15.173	0.086	0.073	78	9.7	1.0	0.1	5.2	0.8	2.21	...	LP	T	3	2FGL J1816.7-4942	...	bcu	PMN J1816-4943
J1817.2-1739	274.304	-17.651	13.389	-0.693	0.057	0.048	56	6.4	2.5	0.4	29.4	5.5	2.27	0.10	PL	...	1	1AGL J1815-1732	...	spp	...
J1817.3-3033	274.342	-30.552	1.991	-6.793	0.095	0.089	-84	4.3	0.5	0.1	6.2	1.6	2.18	0.16	PL	...	4	...	...	...	...
J1817.7+2530	274.434	25.505	52.816	18.302	0.246	0.199	15	4.7	0.3	0.1	5.5	1.1	2.59	0.14	PL	...	...	1FGL J1817.0+2519	...	...	...
J1818.5+1320	274.633	13.337	41.310	13.244	0.205	0.112	81	4.2	0.4	0.1	4.4	1.1	2.01	0.16	PL	...	...	...	...	...	...
J1818.6+0903	274.655	9.061	37.373	11.375	0.060	0.052	85	13.7	1.4	0.1	17.9	1.6	2.37	0.07	PL	T	...	2FGL J1818.6+0903 1FGL J1818.1+0905	...	fsrq	MG1 J181841+0903
J1818.7-1528	274.696	-15.470	15.487	0.010	0.092	0.069	65	13.3	7.5	0.7	65.2	7.4	2.42	...	LP	T	7	...	...	spp	...
J1819.1+2134	274.790	21.574	49.146	16.489	0.075	0.059	67	6.5	0.5	0.1	5.7	1.1	2.25	0.16	PL	...	...	2FGL J1818.7+2138	...	bcu	MG2 J181902+2132
J1819.1+4259	274.791	42.993	70.650	23.722	0.090	0.083	-26	5.3	0.3	0.1	4.0	0.8	2.51	0.17	PL	...	1	...	...	bcu	NVSS J181927+425800
J1819.5-1345	274.897	-13.762	17.084	0.646	0.087	0.085	-74	7.7	2.9	0.4	41.2	5.9	2.48	0.09	PL	T	4,6	...	...	...	...
J1819.5-2045c	274.876	-20.766	10.898	-2.642	0.131	0.087	-3	4.9	1.0	0.2	14.3	3.0	2.46	0.14	PL	...	1,4	...	...	...	...
J1820.3+3625	275.079	36.427	63.921	21.574	0.080	0.067	2	6.1	0.3	0.1	3.3	0.8	1.78	0.20	PL	...	...	2FGL J1820.6+3625	...	bcu	NVSS J182021+362343
J1820.3-1529c	275.100	-15.489	15.654	-0.342	0.086	0.075	-69	4.7	2.4	0.5	29.5	8.6	2.33	0.14	PL	...	5,6	...	...	...	...
J1820.4-3217	275.103	-32.286	0.737	-8.165	0.157	0.110	59	6.2	0.8	0.1	9.6	1.5	2.34	0.10	PL	...	3	2FGL J1820.6-3219	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1821.6–1436c	275.417	–14.612	16.572	–0.200	0.070	0.050	55	7.7	3.7	0.5	44.5	6.9	2.29	0.09	PL	...	6	1FGL J1820.5–3216 0FGL J1821.4–1444 1AGL J1823–1454	...	...	...
J1821.9+6636	275.477	66.601	96.536	27.639	0.091	0.067	–62	6.5	0.3	0.1	3.3	0.6	2.04	0.18	PL	...	...	...	...	...	...
J1822.1–7051	275.546	–70.860	323.650	–23.181	0.265	0.185	83	5.5	0.3	0.1	5.3	1.0	2.70	0.14	PL	...	1	...	...	bcu	PMN J1823–7056
J1823.2–1339	275.820	–13.651	17.604	–0.094	0.029	0.025	–25	16.6	11.5	0.7	92.9	7.9	2.29	...	LP	...	1	2FGL J1823.1–1338c 1AGL J1823–1454 1FGL J1823.2–1336c	...	...	HESS J1825–137 field ^a
J1823.2–4722	275.805	–47.381	347.058	–15.161	0.098	0.092	–86	5.4	0.4	0.1	4.8	1.0	2.04	0.14	PL	...	...	...	...	...	...
J1823.4+6857	275.865	68.951	99.194	27.677	0.065	0.049	–35	14.5	0.8	0.1	9.5	0.9	2.28	0.07	PL	...	...	2FGL J1823.7+6856	...	bll	7C 1823+6856
J1823.6–3453	275.909	–34.895	358.680	–9.934	0.025	0.023	–14	19.6	1.7	0.2	22.6	2.2	1.75	0.06	PL	...	...	1FHL J1823.7–3455	...	bcu	NVSS J182338–345412
J1823.7–3019	275.927	–30.329	2.821	–7.905	0.053	0.047	–39	11.6	1.4	0.2	16.0	1.7	2.18	0.07	PL	...	...	2FGL J1823.6–3453 1FGL J1823.5–3454 2FGL J1823.4–3014	...	PSR	PSR J1823–3021A
J1824.0+1017	276.022	10.291	39.101	10.702	0.089	0.079	–86	6.7	0.6	0.1	7.0	1.3	1.99	0.11	PL	...	...	...	...	psr	PSR J1824+10
J1824.2+5649	276.058	56.833	85.723	26.063	0.034	0.032	–16	34.5	2.0	0.1	28.3	1.1	2.46	0.03	PL	T	...	2FGL J1824.0+5650 1FGL J1824.0+5651	...	bll	4C +5627
J1824.2–5427	276.052	–54.452	340.315	–18.039	0.096	0.088	56	5.4	0.4	0.1	4.6	0.9	2.21	0.15	PL	...	...	...	...	...	...
J1824.3–0620	276.099	–6.339	24.199	3.083	0.056	0.052	–69	9.8	1.9	0.2	21.9	2.8	2.24	0.09	PL	...	3,10	...	...	...	...
J1824.4+4310	276.102	43.169	71.123	22.851	0.065	0.060	21	5.0	0.2	0.1	2.3	0.7	1.72	0.21	PL	...	...	2FGL J1824.4+4310	...	bcu	1RXS J182418.7+430954
J1824.5–1351e	276.130	–13.852	17.567	–0.453	...	...	...	16.8	7.8	1.2	161.2	11.8	1.59	...	LP	...	...	1FGL J1825.7–1410c 1FHL J1824.5–1351e 2FGL J1824.5–1351e ...	E	PWN	HESS J1825–137
J1824.6–2451	276.160	–24.860	7.817	–5.595	0.071	0.048	53	19.2	3.4	0.2	28.8	2.2	2.33	...	EC	...	...	2FGL J1824.8–2449 1FGL J1824.5–2449	...	PSR	PSR J1824–2452A
J1825.2–5230	276.321	–52.509	342.270	–17.465	0.044	0.040	–6	21.6	2.0	0.2	16.5	1.3	2.23	...	LP	T	...	2FGL J1825.1–5231	...	bcu	PKS 1821–525
J1826.1–1256	276.538	–12.943	18.557	–0.380	0.013	0.012	89	76.3	53.4	0.9	414.7	8.7	2.26	...	EC	...	...	2FGL J1826.1–1256 1FGL J1826.1–1256 0FGL J1825.9–1256 3EG J1826–1302 1AGL J1826–1246	...	PSR	LAT PSR J1826–1256
J1826.2–1450	276.568	–14.847	16.886	–1.294	0.019	0.018	2	35.1	19.1	0.7	280.7	6.5	2.57	...	LP	...	...	1FHL J1826.2–1450 2FGL J1826.3–1450 1FGL J1826.2–1450	P	HMB	LS 5039

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		0FGL J1826.3–1451			
J1827.3–1446	276.834	–14.767	17.076	–1.484	0.062	0.044	78	9.1	5.3	0.7	22.2	2.8	2.54	...	LP	...	5,12	2FGL J1827.4–1445c	...	...	...
J1827.6–0846	276.908	–8.771	22.418	1.242	0.054	0.048	53	8.7	2.4	0.3	30.6	4.1	2.36	0.08	PL	...	3	2FGL J1827.4–0846	...	...	...
J1827.7+1141	276.925	11.697	40.782	10.518	0.104	0.085	73	6.5	0.7	0.1	7.6	1.3	2.11	0.11	PL	...	...	2FGL J1827.6+1149	...	...	...
J1828.4–1121	277.109	–11.363	20.215	–0.139	0.241	0.116	45	9.9	4.4	0.6	44.2	6.0	2.54	...	LP	T	1,3,4,9	2FGL J1828.3–1124c	...	spp	...
																		1FGL J1827.9–1128c			
J1828.9–2417	277.245	–24.292	8.779	–6.213	0.056	0.050	34	8.8	1.0	0.2	11.4	1.8	1.99	0.12	PL	...	...	1FHL J1828.9–2417	...	bcu	1RXS J182853.8–241746
																		2FGL J1829.3–2419			
J1829.2+2731	277.313	27.525	55.798	16.679	0.131	0.115	44	8.6	0.5	0.1	9.1	1.1	2.62	0.09	PL	...	...	2FGL J1829.1+2725	...	...	...
J1829.2+3229	277.306	32.498	60.644	18.519	0.154	0.148	–82	5.7	0.4	0.1	5.1	0.9	2.29	0.12	PL	...	9	2FGL J1828.7+3231	...	...	...
J1829.2–1504	277.321	–15.083	17.015	–2.047	0.108	0.065	–67	5.1	0.6	0.3	8.4	2.5	1.61	0.30	PL	...	1	...	...	...	...
J1829.3–0135c	277.332	–1.590	28.988	4.188	0.183	0.105	4	4.7	1.3	0.3	17.2	4.7	2.41	0.15	PL	...	3,5,6	...	...	...	...
J1829.4+5402	277.351	54.049	82.865	24.789	0.037	0.034	–27	13.2	0.6	0.1	7.2	0.9	1.93	0.09	PL	...	...	2FGL J1829.2+5402	...	bll	1RXS J182925.7+540255
																		1FGL J1829.8+5404			
J1829.6+4844	277.414	48.749	77.234	23.485	0.043	0.037	57	24.1	1.5	0.1	19.1	1.0	2.37	0.04	PL	T	...	2FGL J1829.7+4846	...	ssrq	3C 380 112
																		1FGL J1829.8+4845			
J1829.7–1304	277.441	–13.071	18.853	–1.218	0.079	0.060	–28	6.5	2.2	0.4	25.5	4.7	2.25	0.10	PL	...	1	...	...	spp	...
J1829.8+1328	277.464	13.470	42.639	10.812	0.176	0.116	–55	4.8	0.4	0.1	5.3	1.3	1.87	0.16	PL	...	...	2FGL J1830.0+1325	...	bll	MG1 J183001+1323
J1829.9–0203c	277.488	–2.054	28.647	3.836	0.181	0.128	39	5.3	1.8	0.3	23.0	5.7	2.39	0.13	PL	...	6,9	2FGL J1829.8–0204c	...	...	...
J1830.0–4439	277.507	–44.658	350.133	–15.156	0.067	0.064	–81	19.2	1.4	0.1	17.0	1.2	2.47	...	LP	T	...	2FGL J1830.2–4441	...	bcu	PMN J1830–4441
J1830.1+0617	277.538	6.292	36.142	7.586	0.049	0.041	–43	13.2	1.7	0.2	18.7	1.9	2.11	0.07	PL	T	...	2FGL J1830.1+0617	...	fsrq	TXS 1827+062
																		1FGL J1830.1+0618			
																		0FGL J1830.3+0617			
J1830.7–1630	277.698	–16.514	15.911	–3.030	0.075	0.055	–8	12.1	2.2	0.2	30.4	3.0	2.44	0.07	PL	...	...	2FGL J1830.4–1634	...	...	...
J1830.8–3136	277.711	–31.603	2.354	–9.842	0.118	0.086	–25	5.3	0.6	0.1	6.8	1.3	2.19	0.13	PL	...	...	2FGL J1830.9–3132	...	...	...
J1831.0–2714	277.763	–27.235	6.342	–7.955	0.128	0.102	–13	4.9	0.6	0.1	7.2	1.5	2.21	0.15	PL	...	...	...	...	bcu	PMN J1831–2714
J1831.6–6503	277.919	–65.066	329.953	–22.406	0.102	0.072	–46	8.6	0.7	0.1	3.0	0.5	2.06	...	LP	...	12	2FGL J1832.2–6502	...	...	...
																		1FGL J1833.2–6502			
J1831.7–0157c	277.948	–1.961	28.941	3.471	0.106	0.099	–68	5.1	1.7	0.3	27.1	7.6	2.54	0.15	PL	...	...	2FGL J1832.0–0200	...	...	...
																		1FGL J1831.5–0200c			
J1831.7–0230	277.942	–2.501	28.458	3.228	0.092	0.086	–34	9.3	2.8	0.4	42.6	6.4	2.63	...	LP	...	5,6	...	...	...	...
J1832.4–5659	278.117	–56.996	338.224	–20.018	0.069	0.060	–7	12.7	0.9	0.1	10.9	1.0	2.31	0.08	PL	...	...	2FGL J1832.7–5700	...	bll	PMN J1832–5659
																		1FGL J1832.6–5700			
J1833.5–1033	278.394	–10.560	21.511	–0.885	0.035	0.030	–40	16.9	6.0	0.4	79.2	5.3	2.39	0.04	PL	...	...	2FGL J1833.6–1032	...	PSR	PSR J1833–1034
																		1FGL J1833.5–1034			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1833.6–2103	278.411	–21.057	12.168	–5.705	0.014	0.014	–27	129.7	20.5	0.4	283.2	3.5	2.49	...	LP	T	...	1FHL J1833.7–2105 2FGL J1833.6–2104 1FGL J1833.6–2103 0FGL J1833.4–2106 3EG J1832–2110	...	fsrq	PKS 1830–211
J1833.9–0711	278.480	–7.193	24.538	0.592	0.098	0.065	–69	7.0	3.5	0.6	38.9	7.2	2.11	0.10	PL	T	3,5,9	...	...	spp	...
J1834.5–0841	278.629	–8.684	23.283	–0.226	0.030	0.025	32	13.9	6.3	0.5	71.1	6.0	2.17	0.05	PL	...	3	0FGL J1834.4–0841 1FGL J1834.3–0842c 2FGL J1834.3–0848	E	snr	W 41
J1834.6–0659	278.665	–6.990	24.803	0.523	0.039	0.036	53	9.5	4.3	0.7	47.9	8.2	2.05	0.10	PL	...	...	1FHL J1834.6–0703	...	spp	...
J1834.8–0630c	278.713	–6.511	25.250	0.701	0.080	0.079	–16	4.7	1.9	0.5	21.7	6.0	2.21	0.13	PL	...	6	...	...	...	...
J1835.4+1349	278.859	13.826	43.562	9.745	0.134	0.104	–63	4.2	0.4	0.1	6.2	1.5	2.46	0.16	PL	...	...	2FGL J1835.4+1349 1FGL J1835.3+1345	...	bcu	TXS 1833+137
J1835.7–3258	278.944	–32.971	1.555	–11.372	0.094	0.085	24	8.1	1.1	0.2	5.8	1.0	2.29	...	LP	...	...	2FGL J1835.6–3258 1FGL J1835.3–3255	...	glc	NGC 6652
J1836.2+5925	279.061	59.431	88.882	24.998	0.007	0.007	35	438.1	99.3	0.7	598.3	3.6	1.91	...	EC	...	...	1FHL J1836.4+5925 2FGL J1836.2+5926 1FGL J1836.2+5925 0FGL J1836.2+5924 3EG J1835+5918 1AGL J1836+5923	...	PSR	LAT PSR J1836+5925
J1836.3+3137	279.098	31.622	60.371	16.786	0.058	0.053	67	10.1	0.8	0.1	9.6	1.2	2.35	0.09	PL	T	...	2FGL J1836.2+3137 1FGL J1836.3+3135	...	bll	RX J1836.2+3136
J1836.5–0655e	279.140	–6.920	25.082	0.136	...	...	...	14.1	9.7	1.0	108.8	10.3	1.97	0.06	PL	...	...	1FGL J1837.5–0659c 1FHL J1836.5–0655e 2FGL J1837.3–0700c	E	PWN	HESS J1837–069
J1837.3–2403	279.330	–24.060	9.847	–7.809	0.212	0.134	–47	5.1	0.7	0.1	8.7	1.7	2.40	0.14	PL	...	...	...	...	...	...
J1837.6–0717	279.402	–7.297	24.867	–0.269	0.086	0.057	34	5.6	2.4	0.6	26.6	6.7	2.04	0.13	PL	...	1,4,5	...	...	...	...
J1837.9–0607	279.488	–6.126	25.946	0.194	0.055	0.049	–5	6.6	3.6	0.6	42.7	7.9	2.27	0.08	PL	...	3,4,5	...	...	PSR	PSR J1837–0604
J1838.1+3827	279.550	38.463	67.219	18.896	0.179	0.160	22	6.9	0.3	0.1	5.9	0.9	2.72	0.14	PL	...	1	2FGL J1837.9+3821	...	...	...
J1838.5–6006	279.636	–60.111	335.319	–21.740	0.106	0.091	2	6.1	0.4	0.1	4.4	1.0	1.86	0.14	PL	...	...	...	...	bcu	SUMSS J183806–600033
J1838.8+4802	279.702	48.037	76.943	21.829	0.030	0.028	–6	20.2	1.2	0.1	14.4	1.5	1.81	0.06	PL	...	...	1FHL J1838.8+4800 2FGL J1838.7+4759 1FGL J1838.6+4756	...	bll	GB6 J1838+4802
J1838.9–0537	279.733	–5.626	26.502	0.207	0.023	0.022	53	23.3	20.1	1.1	159.6	10.9	2.27	...	EC	...	...	...	...	PSR	LAT PSR J1838–0537

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1838.9–0646	279.728	−6.776	25.478	−0.316	0.078	0.059	−66	7.1	2.6	0.5	30.0	5.2	1.92	0.10	PL	...	...	...	...	...	...
J1839.3–0552	279.848	−5.882	26.327	−0.013	0.034	0.028	17	14.9	14.9	1.1	101.0	10.0	2.22	...	LP	...	5	0FGL J1839.0–0549	...	...	HESS J1841–055 field ^a
J1839.9+7646	280.000	76.783	108.082	27.004	0.434	0.280	−43	4.4	0.2	0.1	3.3	0.7	2.55	0.16	PL	...	...	...	...	...	...
J1840.1–0412	280.039	−4.214	27.896	0.582	0.073	0.065	85	9.4	3.9	0.4	52.5	6.2	2.42	0.06	PL	...	...	2FGL J1840.3–0413c EGR J1838–0420	...	spp	...
J1840.5+6116	280.130	61.283	91.000	24.851	0.224	0.147	−72	5.7	0.3	0.1	5.9	1.0	2.73	0.14	PL	...	1,5	...	...	...	...
J1840.9–0532 ^e	280.230	−5.550	26.796	−0.199	...	...	...	16.8	11.8	1.0	145.8	10.6	1.81	0.04	PL	T	...	...	E	PWN	HESS J1841–055
J1841.2+2910	280.301	29.183	58.442	14.893	0.048	0.043	−34	8.4	0.4	0.1	6.0	1.3	1.57	0.17	PL	...	...	1FHL J1841.1+2914	...	bcu	MG3 J184126+2910
J1841.7+3218	280.442	32.313	61.486	15.990	0.038	0.036	−83	12.8	0.9	0.1	10.4	1.2	2.06	0.10	PL	...	...	1FHL J1841.8+3219 2FGL J1841.7+3221 1FGL J1841.9+3220	...	bll	RX J1841.7+3218
J1842.2+2742	280.563	27.703	57.131	14.096	0.079	0.064	−18	8.3	0.7	0.1	7.8	1.2	2.13	0.10	PL	...	...	2FGL J1842.3+2740	...	...	...
J1842.3–5841	280.594	−58.688	336.938	−21.795	0.040	0.035	−88	10.2	0.5	0.1	6.4	1.1	1.70	0.12	PL	...	...	2FGL J1842.3–5839	...	bcu	1RXS J184230.6–584202
J1842.8+6810	280.703	68.180	98.560	25.834	0.289	0.179	−89	4.6	0.3	0.1	4.3	1.0	2.55	0.17	PL	T	5	...	...	fsrq	S4 1842+68
J1843.0–0359 ^c	280.762	−3.989	28.426	0.044	0.120	0.079	7	6.9	5.0	0.7	30.6	6.3	2.28	...	LP	...	1,5,6	2FGL J1842.8–0359c 1FGL J1842.9–0359c	...	...	...
J1843.6–1114	280.915	−11.238	22.041	−3.397	0.202	0.144	87	7.0	1.0	0.2	19.8	2.8	2.73	0.10	PL	...	...	...	...	PSR	PSR J1843–1113
J1843.7–0322	280.928	−3.377	29.047	0.176	0.085	0.077	−25	13.1	8.1	0.8	94.0	6.5	2.48	...	LP	...	...	...	...	...	...
J1844.1+5709	281.043	57.161	86.709	23.479	0.153	0.087	−74	9.0	0.5	0.1	6.7	0.9	2.39	0.10	PL	...	...	2FGL J1844.7+5716	...	bll	TXS 1843+571
J1844.3+1547	281.083	15.786	46.297	8.661	0.040	0.038	−10	14.9	1.6	0.2	17.7	1.7	2.03	0.07	PL	...	...	2FGL J1844.3+1548	...	bcu	NVSS J184425+154646
J1844.3–0344	281.100	−3.747	28.796	−0.145	0.056	0.047	−5	10.1	6.0	0.9	28.3	4.7	2.22	...	LP	...	...	1FGL J1844.1+1547 2FGL J1844.3–0343c 1FGL J1844.2–0342c	...	...	...
J1844.7–1224	281.182	−12.413	21.109	−4.162	0.105	0.080	73	5.4	0.9	0.2	10.3	2.8	2.28	0.21	PL	...	1	...	...	...	...
J1845.5–2524	281.387	−25.410	9.441	−10.079	0.108	0.081	20	9.2	1.1	0.1	12.9	1.6	2.28	0.09	PL	...	...	...	...	...	...
J1846.3+0919	281.596	9.332	40.690	5.354	0.030	0.029	22	26.3	4.8	0.3	24.8	1.6	2.03	...	EC	...	...	2FGL J1846.4+0920 1FGL J1846.4+0919	...	PSR	LAT PSR J1846+0919
J1848.1–4230	282.046	−42.513	353.497	−17.387	0.121	0.085	64	5.5	0.4	0.1	4.8	1.1	1.95	0.14	PL	...	...	...	...	bcu	PMN J1848–4230
J1848.4+3216	282.107	32.282	62.020	14.679	0.036	0.032	6	14.0	2.4	0.2	32.5	3.5	2.41	0.07	PL	T	...	0FGL J1847.8+3223 1FGL J1848.5+3224 1FHL J1848.5+3219 2FGL J1848.5+3216	...	FSRQ	B2 1846+32A
J1848.4–0141	282.118	−1.693	31.088	−0.113	0.081	0.057	20	18.7	12.9	0.8	114.6	8.1	2.36	...	LP	...	3	2FGL J1848.2–0139c 1FGL J1848.1–0145c	E	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		0FGL J1848.6–0138			
J1848.6+3232	282.157	32.544	62.286	14.743	0.065	0.048	7	11.6	2.4	0.2	20.4	3.5	2.40	...	LP	T	5,7	...	...	...	...
J1848.9+4247	282.225	42.791	72.246	18.481	0.066	0.047	45	6.3	0.2	0.1	3.4	0.9	1.66	0.26	PL	...	...	...	...	bll	RGB J1848+427
J1849.2+6705	282.324	67.093	97.490	25.041	0.020	0.020	59	63.3	5.0	0.2	49.2	1.6	2.24	...	LP	T	...	...	...	FSRQ	S4 1849+67
																		1FHL J1849.3+6705			
																		2FGL J1849.4+6706			
																		1FGL J1849.3+6705			
																		0FGL J1849.4+6706			
																		1AGL J1846+6714			
J1849.3–1645	282.335	–16.764	17.701	–7.107	0.058	0.048	–80	6.2	0.4	0.1	6.0	1.5	1.61	0.15	PL	...	...	...	...	bcu	1RXS J184919.7–164726
J1849.4–0057	282.355	–0.952	31.855	0.014	0.039	0.036	85	13.2	6.8	0.7	48.9	6.6	2.21	...	LP	...	...	2FGL J1849.3–0055	...	snr	3C 391
J1849.4–4312	282.363	–43.207	352.904	–17.852	0.043	0.040	–2	13.2	1.2	0.1	12.9	1.3	2.07	0.07	PL	...	...	2FGL J1849.7–4310	...	bll	PMN J1849–4314
																		1FGL J1849.6–4314			
J1849.5+2751	282.378	27.857	57.944	12.690	0.137	0.095	–90	7.6	0.6	0.1	8.0	1.1	2.33	0.10	PL	...	...	2FGL J1849.5+2744	...	bll	MG2 J184929+2748
J1849.5–0124c	282.397	–1.413	31.464	–0.233	0.076	0.066	68	4.9	2.9	0.6	34.3	8.5	2.28	0.11	PL	...	3,4,5,6,9	2FGL J1849.9–0125c	...	...	...
																		1FGL J1849.7–0121c			
J1850.5–0024	282.632	–0.405	32.468	0.017	0.055	0.044	6	9.4	4.3	0.5	57.6	7.3	2.42	0.06	PL	...	4,5	2FGL J1850.7–0014c	...	...	...
																		1FGL J1850.2–0019c			
J1851.2+0423	282.805	4.391	36.817	2.049	0.145	0.133	–18	9.6	0.8	0.2	32.3	3.7	2.71	...	LP	...	1,5,12	...	...	...	...
J1852.4+4856	283.108	48.947	78.609	19.957	0.034	0.032	69	29.3	1.8	0.1	22.3	1.1	2.31	0.04	PL	T	...	1FHL J1852.3+4853	...	fsrq	S4 1851+48
																		2FGL J1852.5+4856			
																		1FGL J1852.5+4853			
J1852.8+0158	283.209	1.972	34.847	0.588	0.063	0.056	–20	13.7	5.3	0.5	82.5	6.5	2.55	0.05	PL	...	3	2FGL J1852.8+0156c	...	...	...
J1853.2+0006	283.301	0.109	33.230	–0.344	0.147	0.079	–30	12.2	5.4	0.6	53.2	5.5	2.45	...	LP	...	3,4	1FGL J1853.1+0032c	...	psr	PSR J1853–0004
J1855.1–2243	283.796	–22.717	12.870	–10.924	0.074	0.069	–20	4.3	0.3	0.1	3.8	1.1	1.82	0.19	PL	...	...	...	...	glc	NGC 6717
J1855.1–6008	283.780	–60.142	335.875	–23.739	0.079	0.068	85	4.2	0.2	0.1	2.3	0.7	1.81	0.19	PL	...	...	...	...	bcu	PMN J1854–6009
J1855.4+0454	283.856	4.912	37.758	1.353	0.089	0.067	72	9.5	2.9	0.3	45.4	5.2	2.54	0.07	PL	...	4	...	...	...	...
J1855.6+0753	283.911	7.883	40.431	2.657	0.168	0.143	–5	9.7	2.0	0.3	33.7	3.5	2.60	0.07	PL	...	1,4	...	...	...	...
J1855.9+0121e	283.990	1.355	34.654	–0.388	...	...	...	68.3	70.7	1.3	535.7	12.9	2.20	...	LP	T	...	0FGL J1855.9+0126	...	SNR	W44
																		1AGL J1857+0137			
																		1FGL J1856.1+0122			
																		1FHL J1855.9+0121e			
																		2FGL J1855.9+0121e			
																		3EG J1856+0114			
J1856.1–1217	284.032	–12.300	22.465	–6.600	0.068	0.057	12	8.4	0.9	0.1	14.9	2.0	2.59	0.11	PL	...	3	...	...	...	...
J1857.0–7341	284.253	–73.687	321.193	–26.341	0.230	0.184	–90	7.8	0.3	0.1	7.3	1.0	2.90	0.13	PL	...	3	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1857.2+0059	284.310	0.986	34.471	-0.841	0.042	0.036	-59	12.4	7.5	0.9	48.5	8.7	2.22	...	LP	...	3,5	2FGL J1857.2+0055c	...	...	...
J1857.8+0129c	284.471	1.498	35.000	-0.751	0.107	0.073	-19	4.5	2.5	0.6	31.9	8.8	2.34	0.11	PL	...	4,5,6	2FGL J1858.5+0129c	...	...	...
																		1AGL J1857+0137			
J1857.9+0210	284.490	2.170	35.608	-0.461	0.060	0.058	13	15.2	8.2	0.6	68.0	6.9	2.36	...	LP	...	3,4	2FGL J1857.6+0211	E	...	...
																		EGR J1856+0235			
J1857.9+0355	284.489	3.928	37.170	0.343	0.072	0.064	41	9.3	5.1	0.6	37.3	5.9	2.40	...	LP	...	...	2FGL J1857.8+0355c	...	...	...
																		1FGL J1857.9+0352c			
J1857.9+5549	284.500	55.825	85.878	21.281	0.183	0.138	-89	4.5	0.2	0.1	6.2	1.1	2.96	0.18	PL	...	1	...	...	...	...
J1857.9+7319	284.490	73.327	104.415	25.439	0.122	0.100	-77	7.0	0.3	0.1	4.8	0.7	2.64	0.12	PL	...	5	...	...	...	...
J1858.0-5423	284.501	-54.391	342.040	-22.679	0.185	0.128	47	5.1	0.4	0.1	4.4	0.9	2.12	0.13	PL	...	...	...	...	...	...
J1858.2-2215	284.559	-22.250	13.604	-11.367	0.065	0.060	43	12.0	1.7	0.2	8.3	1.1	2.11	...	EC	...	...	2FGL J1858.3-2218	...	PSR	PSR J1858-2216
																		1FGL J1858.1-2218			
J1858.4-2509	284.601	-25.154	10.921	-12.610	0.082	0.073	65	12.3	1.3	0.1	15.9	1.5	2.29	0.07	PL	T	...	2FGL J1858.1-2510	...	bcu	PMN J1858-2511
J1859.6+0102	284.915	1.035	34.792	-1.357	0.154	0.128	44	8.0	4.0	0.5	35.8	6.1	2.39	...	LP	...	1,3,5	...	...	...	...
J1900.3+0411c	285.098	4.193	37.683	-0.076	0.203	0.068	-63	5.1	2.3	0.5	26.7	6.4	2.22	0.12	PL	...	1,3,6,9	1FGL J1900.3+0420c	...	...	...
																		0FGL J1900.0+0356			
																		1AGL J1901+0429			
J1900.8+0337	285.205	3.623	37.226	-0.432	0.127	0.103	-77	10.1	2.7	0.5	51.5	5.4	2.47	...	LP	...	1,4,12	...	...	...	...
J1901.1+0728	285.296	7.476	40.693	1.250	0.106	0.100	13	8.7	3.2	0.4	31.4	4.8	2.44	...	LP	...	1,3,4	...	...	...	...
J1901.5-0126	285.399	-1.448	32.801	-2.921	0.056	0.053	21	14.0	2.1	0.2	36.3	2.9	2.62	0.06	PL	...	...	...	...	...	...
J1902.0-5107	285.513	-51.125	345.624	-22.387	0.039	0.037	4	28.9	2.7	0.2	21.5	1.2	2.24	...	EC	...	...	2FGL J1902.0-5109	...	PSR	PSR J1902-5105
																		1FGL J1902.0-5110			
J1902.3-3702c	285.579	-37.043	359.877	-17.963	0.155	0.127	-54	4.7	0.5	0.1	6.6	1.3	2.32	0.12	PL	...	6	...	...	...	...
J1902.6+0655	285.657	6.932	40.374	0.682	0.081	0.055	74	6.0	1.9	0.4	22.1	4.9	2.23	0.12	PL	...	3	...	...	...	...
J1902.9-6745	285.743	-67.753	327.820	-26.040	0.125	0.093	12	10.3	0.5	0.1	8.5	0.9	2.60	0.09	PL	T	...	2FGL J1902.5-6746	...	fsrq	PMN J1903-6749
																		1FGL J1902.3-6802			
J1903.2+5541	285.821	55.685	85.979	20.530	0.020	0.018	-87	46.9	4.4	0.2	37.8	2.3	1.93	...	LP	T	...	1FHL J1903.4+5541	...	bl	TXS 1902+556
																		2FGL J1903.3+5539			
																		1FGL J1903.0+5539			
J1903.6-7052	285.916	-70.879	324.372	-26.511	0.054	0.051	16	16.3	1.0	0.1	12.3	1.0	2.32	0.07	PL	...	10	2FGL J1902.7-7053	...	PSR	PSR J1903-7051
																		1FGL J1901.6-7051			
J1903.9+0052	285.998	0.870	35.139	-2.396	0.079	0.071	79	4.4	0.9	0.2	10.2	3.0	2.14	0.20	PL	...	...	...	...	...	...
J1904.5+3627	286.138	36.459	67.335	13.299	0.112	0.076	58	6.2	0.4	0.1	4.8	0.9	2.10	0.17	PL	...	...	...	...	bcu	MG2 J190411+3627
J1904.7-0708	286.198	-7.138	28.071	-6.205	0.067	0.062	48	11.7	1.3	0.2	21.4	2.1	2.59	0.08	PL	...	3	2FGL J1904.8-0705	...	...	...
																		1FGL J1904.4-0703			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1904.9+0818	286.243	8.306	41.862	0.796	0.107	0.079	23	4.7	1.4	0.3	17.0	4.4	2.30	0.13	PL	...	4,5	...	...	...	...
J1906.6+0720	286.671	7.334	41.193	-0.028	0.037	0.027	-39	26.3	12.9	0.6	99.5	5.8	2.24	...	LP	...	...	2FGL J1906.5+0720 1FGL J1906.6+0716c	...	...	...
J1907.9+0602	286.986	6.039	40.187	-0.901	0.013	0.013	-46	84.0	38.4	0.7	319.1	5.6	2.24	...	EC	...	...	1FHL J1907.7+0600 2FGL J1907.9+0602 1FGL J1907.9+0602 1AGL J1908+0614	E	PSR	LAT PSR J1907+0602
J1908.8-0130	287.202	-1.517	33.562	-4.556	0.084	0.065	-7	9.0	1.7	0.2	7.1	0.9	2.27	...	LP	...	12	2FGL J1908.8-0132 1FGL J1908.5-0138	...	bcu	NVSS J190836-012642
J1908.9+1022	287.228	10.375	44.146	0.884	0.126	0.096	-82	6.4	1.7	0.3	27.2	4.2	2.59	0.09	PL	...	3,4	...	...	...	...
J1910.7-6000	287.695	-60.000	336.474	-25.621	0.092	0.084	6	8.0	0.5	0.1	5.9	0.9	2.20	0.10	PL	...	3	...	...	glc	NGC 6752
J1910.8+2855	287.725	28.929	60.967	8.888	0.051	0.045	-63	6.5	0.2	0.1	4.1	1.1	1.46	0.17	PL	...	...	...	...	bcu	1RXS J191053.2+285622
J1910.9+0906	287.744	9.101	43.250	-0.155	0.017	0.016	-80	41.8	20.3	0.7	183.5	7.7	2.18	...	LP	...	...	1FHL J1911.0+0905 2FGL J1911.0+0905 1FGL J1910.9+0906c 0FGL J1911.0+0905	...	snr	W 49B -117-
J1911.1-5318	287.795	-53.303	343.716	-24.291	0.191	0.156	40	4.6	0.3	0.1	4.4	0.9	2.45	0.14	PL	...	...	1FGL J1911.1-5306	...	...	...
J1911.2-2006	287.802	-20.112	16.883	-13.226	0.037	0.035	-1	32.1	3.7	0.2	49.6	1.9	2.41	0.03	PL	T	...	2FGL J1911.1-2005 1FGL J1911.2-2007 0FGL J1911.2-2011 3EG J1911-2000 EGR J1912-2000	...	fsrq	PKS B1908-201
J1911.4-1908	287.859	-19.137	17.817	-12.871	0.050	0.045	-36	9.8	0.7	0.1	9.2	1.5	1.77	0.11	PL	...	...	1FHL J1910.9-1906 2FGL J1911.5-1908	...	bcu	PMN J1911-1908
J1911.7+0307	287.931	3.130	38.037	-3.076	0.087	0.065	-23	7.1	1.2	0.2	14.4	2.5	2.32	0.12	PL	...	...	1FGL J1911.7+0307	...	...	...
J1912.0-0804	288.023	-8.080	28.036	-8.244	0.085	0.069	-76	5.7	0.7	0.1	8.5	1.7	2.30	0.15	PL	T	3	...	...	bcu	PMN J1912-0804
J1912.6-1223	288.164	-12.398	24.170	-10.269	0.100	0.085	0	10.8	1.1	0.1	16.1	1.7	2.49	0.09	PL	T	...	...	...	bcu	TXS 1909-124
J1912.7+4610	288.178	46.172	77.167	15.773	0.169	0.156	22	4.8	0.3	0.1	4.0	0.8	2.39	0.15	PL	...	...	...	...	...	...
J1912.9-8008	288.234	-80.149	314.015	-27.615	0.053	0.045	83	21.3	2.0	0.1	18.8	1.4	2.32	...	LP	T	...	...	...	fsrq	PKS 1903-80
J1913.0+0910	288.261	9.182	43.558	-0.570	0.097	0.079	-59	10.1	5.3	0.6	41.2	6.3	2.39	...	EC	...	5,7	...	...	PSR	PSR J1913+0904
J1913.5-3631	288.385	-36.533	1.204	-19.895	0.101	0.080	-35	6.3	0.6	0.1	6.8	1.2	2.16	0.12	PL	T	1	...	...	bcu	PMN J1913-3630
J1913.9+4441	288.496	44.691	75.846	14.984	0.090	0.056	-24	8.1	0.4	0.1	5.2	1.0	1.85	0.13	PL	...	...	2FGL J1913.4+4440	...	bcu	1RXS J191401.9+443849
J1915.2+0954	288.802	9.908	44.450	-0.705	0.099	0.073	66	7.7	1.6	0.4	31.0	4.2	2.36	...	LP	...	3,4,9,12	...	...	...	...
J1915.9+1112	289.000	11.216	45.698	-0.268	0.147	0.120	2	10.7	3.8	0.5	38.2	4.1	2.41	...	LP	...	3,4	2FGL J1916.1+1106 1FGL J1916.0+1110c	...	spp	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1917.1–3024	289.289	–30.417	7.551	–18.469	0.091	0.076	19	9.5	0.9	0.1	10.3	1.3	2.24	0.10	PL	...	...	2FGL J1917.0–3027 1FGL J1916.9–3028	...	...	...
J1917.7–1921	289.443	–19.366	18.236	–14.328	0.023	0.022	56	28.8	2.9	0.2	34.0	2.3	1.87	0.04	PL	T	...	1FHL J1917.7–1921 2FGL J1917.6–1921 1FGL J1917.7–1922	...	bl	1H 1914–194
J1918.0+3750	289.500	37.843	69.772	11.447	0.090	0.070	–34	4.4	0.3	0.1	3.4	0.9	2.19	0.19	PL	...	...	...	...	bcu	1RXS J191810.2+375315
J1918.2–4110	289.569	–41.176	356.796	–22.240	0.026	0.024	–37	27.8	2.9	0.2	21.6	1.9	1.87	...	LP	...	...	1FHL J1918.1–4109 2FGL J1918.2–4110 1FGL J1918.4–4108	...	bl	PMN J1918–4111
J1919.0+0452	289.761	4.874	40.431	–3.888	0.187	0.142	79	4.9	0.7	0.2	12.2	2.4	2.60	0.13	PL	...	4	...	...	...	...
J1919.9+1407	289.981	14.118	48.710	0.242	0.078	0.062	–44	10.9	4.4	0.5	46.9	5.3	2.44	...	LP	...	3,5	1AGL J1922+1351	...	...	...
J1921.2+0136	290.307	1.607	37.779	–5.884	0.105	0.074	–37	9.3	1.3	0.2	15.9	1.9	2.34	0.09	PL	...	...	2FGL J1921.3+0131 1FGL J1921.2+0132	...	psr	PSR J1921+01
J1921.2+1506	290.308	15.109	49.734	0.428	0.282	0.241	–62	8.7	1.8	0.3	30.5	3.6	2.53	...	LP	...	5,12	1AGL J1922+1351	...	...	...
J1921.2–1232	290.316	–12.550	24.956	–12.229	0.050	0.042	58	10.6	1.0	0.1	11.1	1.5	2.04	0.09	PL	...	3	2FGL J1921.3–1231 1FGL J1921.1–1234	...	bl	TXS 1918–126 ∞
J1921.6+1934	290.407	19.581	53.727	2.446	0.133	0.107	–71	4.2	0.8	0.2	11.7	2.6	2.49	0.13	PL	...	4	...	...	...	...
J1921.9–1607	290.486	–16.124	21.704	–13.892	0.032	0.030	–60	14.1	0.9	0.1	14.0	2.0	1.62	0.08	PL	...	...	1FHL J1922.0–1607 2FGL J1921.9–1608 1FGL J1922.0–1608	...	bl	PMN J1921–1607
J1922.2+2313	290.565	23.226	57.022	4.023	0.078	0.051	64	4.7	0.3	0.1	3.9	1.2	1.62	0.23	PL	...	3	...	...	...	...
J1923.2+1408e	290.818	14.145	49.116	–0.462	...	...	...	75.0	39.6	0.8	345.8	7.9	2.15	...	LP	...	...	0FGL J1923.0+1411 1AGL J1922+1351 1FGL J1922.9+1411 1FHL J1923.2+1408e 2FGL J1923.2+1408e	E	SNR	W51C
J1923.2–7452	290.820	–74.882	319.973	–28.187	0.051	0.045	44	11.2	0.7	0.1	8.0	1.0	2.22	0.10	PL	...	...	2FGL J1922.6–7454	...	...	...
J1923.5–2104	290.885	–21.073	17.183	–16.255	0.026	0.026	–22	41.0	4.7	0.2	38.5	1.8	2.19	...	LP	T	...	2FGL J1923.5–2105 1FGL J1923.5–2104 0FGL J1923.3–2101	...	fsrq	TXS 1920–211
J1924.8–1034	291.209	–10.582	27.158	–12.168	0.112	0.081	77	10.5	1.1	0.1	13.7	1.5	2.34	0.08	PL	...	3	2FGL J1924.9–1036	...	...	...
J1924.8–2914	291.219	–29.235	9.353	–19.610	0.043	0.041	71	27.4	2.2	0.2	31.9	1.5	2.50	0.04	PL	T	...	2FGL J1924.8–2912 1FGL J1925.2–2919	...	fsrq	PKS B1921–293
J1924.9+2817	291.237	28.300	61.810	5.855	0.058	0.054	49	5.8	0.4	0.1	4.9	1.1	1.88	0.18	PL	...	3	...	...	bcu	NVSS J192502+281542
J1925.4+1605	291.353	16.096	51.080	0.007	0.149	0.093	54	8.9	2.8	0.3	36.3	4.3	2.38	0.07	PL	...	3,4	1FGL J1926.1+1601c	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1925.4+1727	291.373	17.463	52.292	0.639	0.103	0.086	-16	9.6	3.8	0.4	21.1	3.5	2.36	...	LP	...	...	2FGL J1924.8+1724c 1FGL J1925.0+1720c 3EG J1928+1733	...	...	...
J1925.7+1228	291.428	12.467	47.919	-1.779	0.121	0.110	23	6.4	1.3	0.2	21.3	3.3	2.61	0.10	PL	T	1,4	...	...	bcu	TXS 1923+123
J1925.8-7826	291.451	-78.438	315.935	-28.254	0.221	0.164	-76	6.2	0.5	0.1	7.3	1.2	2.51	0.12	PL	...	1	2FGL J1925.7-7836c	...	...	...
J1926.8+6154	291.707	61.902	93.299	19.741	0.023	0.023	-25	26.1	1.7	0.1	20.4	1.5	1.86	0.05	PL	T	...	1FHL J1926.9+6153	...	bll	1RXS J192649.5+615445
																		2FGL J1927.0+6153 1FGL J1926.8+6153			
J1927.7+6118	291.928	61.308	92.751	19.430	0.033	0.030	-5	15.6	1.1	0.1	12.8	1.1	2.27	0.07	PL	...	...	2FGL J1927.5+6117	...	bll	S4 1926+61
J1928.4+1838	292.113	18.634	53.656	0.577	0.175	0.131	-23	5.8	1.6	0.3	21.9	4.1	2.42	0.11	PL	...	1,4,5	...	...	...	...
J1928.9+1739	292.237	17.657	52.854	0.007	0.080	0.058	-5	8.5	3.5	0.4	25.0	4.2	2.32	...	LP	...	3,4	2FGL J1928.8+1740c 1FGL J1929.0+1741c 3EG J1928+1733	...	...	...
J1931.1+0937	292.783	9.630	46.053	-4.298	0.021	0.019	-38	26.3	3.2	0.2	37.9	2.6	1.87	0.05	PL	T	1,4	1FHL J1931.0+0938 2FGL J1931.1+0938 1FGL J1931.2+0939	...	bll	RX J1931.1+0937 119
J1931.1+1659	292.779	16.991	52.519	-0.766	0.189	0.115	-17	5.1	1.6	0.3	20.5	3.9	2.37	0.10	PL	...	...	1FGL J1930.8+1653c	...	...	...
J1932.2+1916	293.058	19.268	54.641	0.098	0.047	0.043	84	24.8	7.8	0.4	65.7	3.7	2.41	...	EC	...	3	2FGL J1932.1+1913 1FGL J1932.1+1914c	...	PSR	LAT PSR J1932+1916
J1932.6-4537	293.170	-45.628	352.845	-25.934	0.096	0.087	44	8.5	0.5	0.1	7.7	1.0	2.52	0.11	PL	T	...	...	...	fsrq	PKS 1929-457
J1933.4+0727	293.351	7.464	44.409	-5.823	0.085	0.064	7	6.3	0.5	0.1	6.2	1.4	1.74	0.16	PL	...	...	2FGL J1933.3+0722 1FGL J1933.3+0723	...	bcu	1RXS J193320.3+072616
J1934.2+6002	293.550	60.040	91.827	18.216	0.072	0.056	33	6.6	0.3	0.1	3.7	0.7	2.14	0.17	PL	...	...	...	...	...	...
J1935.2-7924c	293.803	-79.408	314.799	-28.638	0.119	0.111	-31	6.6	0.5	0.1	8.6	1.4	2.56	0.10	PL	...	1,5,6	1FGL J1927.3-7932c	...	...	...
J1935.5+8355	293.897	83.927	116.309	25.811	0.121	0.089	-76	6.5	0.3	0.1	4.1	0.7	2.35	0.13	PL	...	...	2FGL J1936.9+8402	...	bcu	6C B194425+834912
J1936.6-4215	294.164	-42.266	356.664	-25.836	0.200	0.154	15	4.1	0.3	0.1	4.1	0.9	2.31	0.15	PL	...	...	...	...	...	...
J1936.9-4719	294.245	-47.329	351.168	-27.023	0.033	0.032	-5	12.4	0.6	0.1	9.2	1.5	1.64	0.10	PL	...	...	1FHL J1936.8-4721 2FGL J1936.8-4721 1FGL J1936.9-4720	...	bll	PMN J1936-4719
J1937.0-3956	294.274	-39.940	359.183	-25.327	0.120	0.086	-83	15.6	0.9	0.1	16.3	1.2	2.68	0.07	PL	T	...	2FGL J1937.2-3955 1FGL J1938.2-3957	...	fsrq	PKS 1933-400
J1939.6-4925	294.921	-49.430	348.938	-27.861	0.086	0.061	49	6.0	0.3	0.1	4.1	1.1	1.62	0.15	PL	...	...	...	...	bcu	SUMSS J193946-492539
J1941.2-6210	295.302	-62.175	334.521	-29.523	0.060	0.054	34	19.5	1.4	0.1	18.7	1.2	2.43	0.05	PL	T	...	2FGL J1940.8-6213	...	bcu	PKS 1936-623
J1941.8+7218	295.452	72.316	104.277	22.055	0.113	0.104	65	10.6	0.6	0.1	9.6	1.0	2.54	0.08	PL	T	...	2FGL J1941.6+7218 1FGL J1941.6+7214	...	bcu	87GB 194202.1+721428

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J1942.7+1033	295.693	10.550	48.249	-6.365	0.023	0.023	-35	23.1	2.5	0.2	30.1	2.4	1.82	0.05	PL	...	...	1FHL J1942.8+1034	...	bcu	1RXS J194246.3+103339
																		2FGL J1942.8+1033 1FGL J1942.7+1033			
J1943.2-3510	295.817	-35.168	4.628	-25.200	0.152	0.138	-35	6.9	0.5	0.1	7.8	1.1	2.59	0.12	PL	...	...	...	...	bl	1RXS J194306.8-351001
J1943.8+2518	295.971	25.303	61.222	0.709	0.123	0.089	20	6.4	1.3	0.2	16.7	2.8	2.35	0.10	PL	...	1,4	...	...	...	...
J1944.0-0535	296.000	-5.591	33.906	-14.229	0.107	0.087	-85	4.4	0.4	0.1	5.4	1.4	2.35	0.20	PL	...	...	...	...	...	...
J1944.1+3919	296.039	39.325	73.482	7.584	0.078	0.066	-56	6.2	0.5	0.1	5.9	1.1	2.18	0.13	PL	...	...	...	...	...	...
J1944.1-4523	296.045	-45.398	353.579	-27.854	0.052	0.047	-70	5.4	0.2	0.1	2.5	0.9	1.56	0.26	PL	...	...	...	...	bcu	1RXS J194422.6-452326
J1944.8+4300	296.222	43.005	76.807	9.241	0.095	0.090	9	4.3	0.3	0.1	3.6	0.9	2.02	0.19	PL	...	...	...	...	...	...
J1945.3+7329	296.344	73.490	105.563	22.223	0.266	0.211	-7	4.2	0.3	0.1	4.2	0.9	2.54	0.14	PL	...	5	2FGL J1944.3+7325	...	...	...
J1945.9-3115	296.486	-31.263	8.922	-24.574	0.072	0.058	49	11.0	0.9	0.1	11.6	1.2	2.35	0.08	PL	...	...	2FGL J1946.1-3115	...	bl	PKS 1942-313
																		1FGL J1946.1-3118			
J1946.4-5403	296.614	-54.057	343.888	-29.563	0.063	0.052	-63	20.3	1.7	0.1	11.3	0.9	2.19	...	LP	...	...	2FGL J1946.4-5402	...	...	...
																		1FGL J1946.7-5404			
J1947.4-1121	296.857	-11.354	28.899	-17.508	0.213	0.157	-11	5.4	0.5	0.1	6.6	1.3	2.28	0.12	PL	...	1	2FGL J1946.7-1118	...	...	...
J1947.9-0743	296.979	-7.720	32.376	-16.045	0.147	0.128	-47	6.1	0.6	0.1	7.6	1.3	2.39	0.12	PL	...	1	2FGL J1947.8-0739	...	...	...
J1948.1-7059	297.037	-70.989	324.353	-30.140	0.169	0.123	62	4.1	0.3	0.1	4.1	1.0	2.58	0.18	PL	...	...	...	...	...	...
J1949.0+1312	297.257	13.210	51.336	-6.387	0.054	0.049	18	6.1	0.6	0.1	6.9	1.5	2.16	0.13	PL	...	...	...	...	bcu	87GB 194635.4+130713
J1949.3+2433	297.329	24.565	61.204	-0.727	0.080	0.065	29	8.2	2.4	0.3	16.9	2.6	2.38	...	LP	...	1,3,4	...	...	...	...
J1949.4-6140	297.364	-61.680	335.134	-30.474	0.125	0.114	28	4.7	0.3	0.1	3.6	0.9	2.31	0.20	PL	...	...	...	...	bcu	PMN J1949-6137
J1949.5-1454	297.394	-14.914	25.714	-19.463	0.165	0.119	-65	5.8	0.6	0.1	6.9	1.2	2.32	0.11	PL	...	1	2FGL J1949.4-1457	...	...	...
J1949.6+2355	297.410	23.925	60.690	-1.115	0.103	0.098	-7	4.7	1.0	0.2	12.1	2.9	2.29	0.13	PL	...	...	2FGL J1949.7+2405	...	...	...
J1949.7-8109	297.438	-81.164	312.719	-29.011	0.165	0.146	5	5.5	0.5	0.1	6.5	1.2	2.33	0.12	PL	...	1	...	...	...	...
J1950.2+1215	297.559	12.255	50.650	-7.117	0.165	0.128	81	9.4	0.9	0.1	16.1	1.8	2.63	0.08	PL	...	...	2FGL J1950.3+1223	...	...	...
																		1FGL J1950.4+1226			
J1951.3+6909	297.833	69.156	101.455	20.140	0.118	0.116	9	5.7	0.3	0.1	5.3	0.9	2.70	0.13	PL	...	1	...	...	...	...
J1951.6+2926	297.906	29.450	65.670	1.317	0.166	0.112	-70	6.2	1.7	0.3	10.1	2.1	2.32	...	LP	...	1	...	...	spp	...
J1951.8-1102	297.969	-11.034	29.691	-18.359	0.139	0.106	-89	4.1	0.4	0.1	4.7	1.3	2.10	0.16	PL	...	5	...	...	...	...
J1952.9+3253	298.250	32.893	68.782	2.826	0.015	0.014	63	85.6	20.3	0.4	151.2	2.8	2.17	...	EC	...	...	0FGL J1953.2+3249	...	PSR	PSR J1952+3252
																		1FGL J1952.9+3252			
																		1FHL J1953.3+3251			
																		2FGL J1953.0+3253			
J1953.3+3847	298.329	38.798	73.910	5.779	0.179	0.140	1	5.8	0.6	0.1	10.0	1.8	2.56	0.12	PL	...	...	...	...	...	...
J1953.4+7653	298.362	76.890	109.200	22.963	0.145	0.124	3	5.2	0.3	0.1	4.1	0.9	2.36	0.14	PL	...	5	...	...	...	...
J1954.2+2836	298.574	28.605	65.245	0.383	0.019	0.019	69	47.8	15.0	0.5	107.7	3.7	2.18	...	EC	...	...	2FGL J1954.3+2836	...	PSR	LAT PSR J1954+2836

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J1954.8–1122	298.702	–11.377	29.684	–19.156	0.053	0.049	–62	19.2	2.1	0.2	25.5	1.7	2.27	0.05	PL	T	...	1FGL J1954.3+2836 0FGL J1954.4+2838 2FGL J1954.6–1122	...	fsrq	TXS 1951–115	
J1954.9–5640	298.743	–56.676	340.983	–30.986	0.033	0.032	–75	9.0	0.4	0.1	5.3	1.0	1.88	0.16	PL	...	...	1FGL J1954.8–1124 2FGL J1955.0–5639	...	bcu	1RXS J195503.1–564031
J1955.0–1605	298.751	–16.091	25.125	–21.133	0.044	0.042	45	10.0	0.8	0.1	8.9	1.3	2.05	0.10	PL	...	...	2FGL J1954.4–1607	...	bcu	1RXS J195500.6–160328
J1955.1+1357	298.797	13.954	52.741	–7.308	0.053	0.052	–89	12.9	1.3	0.1	15.6	1.5	2.24	0.07	PL	T	...	2FGL J1955.2+1356	...	fsrq	87GB 195252.4+135009	
J1955.7–7019	298.948	–70.322	325.066	–30.824	0.113	0.092	–86	4.6	0.3	0.1	3.3	0.8	2.20	0.19	PL	...	...	1FGL J1954.8+1402 ...	...	...	...
J1955.9+0212	298.977	2.206	42.439	–13.258	0.078	0.059	–10	6.1	0.5	0.1	5.3	1.2	1.93	0.15	PL	...	...	...	...	bcu	NVSS J195547+021514
J1957.0–3234	299.251	–32.583	8.288	–27.206	0.242	0.180	–54	5.4	0.3	0.1	6.4	1.1	2.71	0.14	PL	...	1	...	...	fsrq	PKS 1953–325
J1957.7+5034	299.434	50.570	84.605	11.008	0.040	0.039	–1	39.6	3.1	0.2	32.2	1.2	2.42	...	EC	...	...	2FGL J1957.9+5033 1FGL J1957.6+5033	...	PSR	LAT PSR J1957+5033
J1957.9–0712	299.484	–7.211	34.000	–18.050	0.124	0.115	1	5.9	0.5	0.1	6.3	1.2	2.38	0.13	PL	...	9
J1958.0–3847	299.518	–38.784	1.547	–28.980	0.034	0.032	–6	37.7	3.0	0.2	34.8	1.4	2.39	...	LP	T	...	2FGL J1958.2–3848 1FGL J1958.4–3847	...	fsrq	PKS 1954–388	
J1958.1+2436	299.526	24.614	62.274	–2.415	0.064	0.047	–37	5.3	0.4	0.2	6.0	1.7	1.68	0.22	PL
J1958.1–0243	299.527	–2.721	38.209	–16.060	0.246	0.205	–74	5.6	0.4	0.1	8.1	1.3	2.74	0.14	PL	...	1
J1958.2–1413	299.568	–14.222	27.299	–21.104	0.178	0.146	–26	5.1	0.4	0.1	6.0	1.2	2.41	0.12	PL	...	1	3EG J1955–1414	...	...	...
J1958.2–3011	299.575	–30.190	10.949	–26.780	0.052	0.046	–18	7.1	0.5	0.1	6.0	1.2	1.82	0.17	PL	...	...	1FHL J1958.4–3015	...	bll	1RXS J195815.6–301119
J1958.6+2845	299.663	28.762	65.876	–0.352	0.019	0.019	–19	48.9	14.9	0.5	99.0	3.3	2.18	...	EC	...	10	2FGL J1958.4–3012 1FGL J1958.4–3013 1FHL J1958.6+2845 2FGL J1958.6+2845 1FGL J1958.6+2845 3EG J1958+2909	...	PSR	LAT PSR J1958+2846	
J1958.6+3844	299.674	38.745	74.405	4.852	0.203	0.162	–64	4.8	0.6	0.1	9.8	2.0	2.64	0.13	PL	...	4,5	2FGL J1958.9+3844	...	...	...
J1959.1–4245	299.781	–42.760	357.121	–29.985	0.062	0.054	–50	22.5	1.4	0.1	20.7	1.1	2.47	0.05	PL	T	...	2FGL J1959.1–4245 1FGL J1959.3–4241	...	fsrq	PMN J1959–4246	
J1959.5+2047	299.893	20.798	59.187	–4.693	0.058	0.053	–2	17.2	2.5	0.2	17.9	1.5	2.36	...	EC	...	...	2FGL J1959.5+2047 1FGL J1959.6+2047	...	PSR	PSR J1959+2048
J1959.8–4725	299.964	–47.428	351.801	–30.856	0.030	0.028	58	19.2	1.4	0.1	11.1	1.4	1.81	...	LP	...	...	2FGL J1959.9–4727	...	bcu	SUMSS J195945–472519
J2000.0+6509	300.016	65.154	98.012	17.666	0.013	0.013	83	61.9	5.8	0.2	68.2	2.5	1.88	0.02	PL	T	...	1FGL J1959.7–4730 1FHL J2000.0+6509 2FGL J2000.0+6509	P	bll	1ES 1959+650	

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J2000.0+6508			
																		0FGL J2000.2+6506			
J2000.1+4212	300.029	42.209	77.523	6.416	0.069	0.057	-43	7.4	0.8	0.1	10.7	1.6	2.47	0.10	PL	...	...	2FGL J1959.9+4212	...	bcu	MG4 J195957+4213
J2000.4-2926	300.108	-29.444	11.902	-26.998	0.138	0.094	80	7.4	0.6	0.1	9.9	1.2	2.60	0.11	PL	...	...	2FGL J1959.6-2931	...	fsrq	PMN J2000-2931
J2001.0-1750	300.259	-17.845	23.989	-23.146	0.040	0.036	-8	21.1	1.8	0.1	22.4	1.4	2.31	0.05	PL	T	...	1FHL J2001.1-1752	...	fsrq	PKS 1958-179
																		2FGL J2000.8-1751			
																		1FGL J2000.9-1749			
J2001.1+4352	300.297	43.880	79.064	7.113	0.012	0.012	-15	55.8	8.1	0.3	91.7	3.1	1.97	0.02	PL	T	...	1FHL J2001.1+4353	P	bl	MG4 J200112+4352
																		2FGL J2001.1+4352			
																		1FGL J2001.1+4351			
																		0FGL J2001.0+4352			
J2001.8+7041	300.458	70.692	103.341	19.960	0.049	0.044	77	10.8	0.7	0.1	8.1	1.1	2.08	0.09	PL	...	...	2FGL J2001.7+7042	...	bl	TXS 2001+705
																		1FGL J2001.9+7040			
J2002.7+6303	300.697	63.057	96.207	16.437	0.080	0.067	26	5.4	0.3	0.1	3.4	0.8	2.13	0.22	PL	...	...	1FHL J2002.6+6303	...	bcu	1RXS
																					J200245.4+630226
J2004.4+3338	301.103	33.645	70.671	1.185	0.035	0.033	43	18.5	3.6	0.3	43.1	2.8	2.30	0.04	PL	...	...	1FHL J2004.4+3339	...	...	...
																		2FGL J2004.4+3339c			
																		1FGL J2004.7+3343			
J2004.8+7003	301.220	70.060	102.856	19.453	0.043	0.037	79	11.1	0.7	0.1	7.9	1.1	1.91	0.10	PL	...	...	1FHL J2004.7+7003	...	bl	1RXS
																					J200504.0+700445
																		2FGL J2004.6+7004			
																		1FGL J2004.8+7004			
J2005.2+7752	301.310	77.881	110.461	22.749	0.036	0.034	76	25.4	1.8	0.1	20.7	1.1	2.22	0.04	PL	T	...	2FGL J2004.5+7754	...	bl	S5 2007+77
																		1FGL J2006.0+7751			
J2005.7-8241	301.438	-82.699	310.866	-29.230	0.130	0.115	0	4.6	0.3	0.1	5.5	1.1	2.68	0.15	PL	...	...	...	...	...	...
J2006.0-2311	301.506	-23.193	18.973	-26.177	0.132	0.099	-12	11.0	0.8	0.1	11.5	1.2	2.50	0.08	PL	T	...	1FGL J2006.6-2302	...	fsrq	TXS 2002-233
																		3EG J2006-2321			
J2006.5-0939	301.628	-9.666	32.637	-21.029	0.201	0.170	5	4.3	0.4	0.1	4.8	1.1	2.44	0.14	PL	...	...	2FGL J2006.2-0929	...	...	...
J2006.6+0150	301.659	1.846	43.443	-15.782	0.067	0.064	-24	5.5	0.4	0.1	4.2	1.0	1.87	0.13	PL	...	...	1FGL J2007.0+0145	...	...	...
J2007.3+6605	301.835	66.092	99.249	17.432	0.121	0.102	85	8.2	0.5	0.1	8.4	1.1	2.59	0.09	PL	T	5	...	...	fsrq	TXS 2007+659
J2007.7-7728	301.949	-77.475	316.699	-30.548	0.151	0.117	33	9.3	0.5	0.1	8.8	1.0	2.68	0.10	PL	T	...	...	...	bcu	PKS 2000-776
J2007.8-4429	301.971	-44.498	355.424	-31.832	0.076	0.066	26	9.7	0.6	0.1	8.0	1.0	2.47	0.09	PL	...	...	2FGL J2007.9-4430	...	nlsy1	PKS 2004-447
																		1FGL J2007.9-4430			
J2009.2-1458	302.304	-14.978	27.703	-23.832	0.531	0.156	6	5.6	0.4	0.1	7.4	1.3	2.64	0.12	PL	...	9	2FGL J2009.2-1505	...	...	...
J2009.3-4849	302.349	-48.828	350.378	-32.596	0.018	0.018	-33	40.3	3.6	0.2	44.9	2.6	1.77	0.03	PL	T	...	1FHL J2009.4-4849	P	BLL	PKS 2005-489
																		2FGL J2009.5-4850			
																		1FGL J2009.5-4849			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		0FGL J2009.4–4850			
J2010.0–2120	302.506	–21.334	21.275	–26.399	0.167	0.119	29	4.5	0.4	0.1	4.3	1.0	2.05	0.14	PL	...	...	...	...	...	...
J2010.3+7228	302.576	72.467	105.350	20.142	0.052	0.045	52	18.4	1.4	0.1	13.5	1.1	2.32	...	LP	T	3	2FGL J2009.7+7225	...	bll	4C +72.28
																		1FGL J2009.1+7228			
J2011.1+4203	302.798	42.056	78.486	4.594	0.126	0.120	–68	4.3	0.7	0.2	10.8	2.3	2.54	0.12	PL	...	4	...	...	...	...
J2012.0+4629	303.002	46.496	82.317	6.878	0.026	0.025	–89	21.1	2.5	0.2	27.5	1.9	2.11	0.05	PL	T	...	1FHL J2012.1+4629	...	bll	7C 2010+4619
																		2FGL J2012.1+4630			
																		1FGL J2012.2+4629			
J2012.1–1643	303.033	–16.721	26.242	–25.160	0.298	0.270	–87	8.1	0.3	0.1	6.9	0.9	2.66	...	LP	T	12	...	...	bll	PMN J2012–1646
J2014.3–0047	303.575	–0.794	41.981	–18.730	0.049	0.040	–84	9.5	0.7	0.1	8.7	1.4	1.83	0.11	PL	T	...	2FGL J2014.0–0046	...	bll	PMN J2014–0047
																		1FGL J2014.5–0047			
J2014.4+3606	303.615	36.109	73.860	0.797	0.119	0.106	51	4.5	1.1	0.2	15.0	3.4	2.40	0.11	PL	...	5	...	...	spp	...
J2014.5+0648	303.641	6.810	48.931	–15.039	0.062	0.045	38	9.0	0.7	0.1	7.9	1.4	1.92	0.13	PL	...	...	2FGL J2014.7+0646	...	bcu	NVSS J201431+064849
																		1FGL J2014.4+0647			
J2014.5+5246	303.649	52.769	87.889	9.900	0.082	0.071	–86	4.4	0.3	0.1	4.2	1.2	2.42	0.24	PL	...	...	...	...	...	...
J2014.9+1623	303.743	16.398	57.364	–10.115	0.075	0.060	–90	5.7	0.5	0.1	6.0	1.2	2.41	0.15	PL	...	...	...	...	bcu	4C +16.67
J2015.2–0138	303.812	–1.647	41.306	–19.344	0.053	0.045	25	12.7	1.1	0.1	12.0	1.3	2.15	0.07	PL	...	...	1FGL J2015.3–0129	...	bll	PKS 2012–017
																		2FGL J2015.1–0137			
J2015.3–1431	303.849	–14.531	28.806	–25.025	0.068	0.060	–45	4.8	0.2	0.1	2.9	0.9	1.77	0.22	PL	...	...	1FHL J2015.3–1432	...	...	...
J2015.6+3709	303.908	37.161	74.865	1.186	0.030	0.024	77	32.1	9.3	0.4	93.5	4.3	2.39	...	LP	T	...	1FHL J2015.8+3710	P	FSRQ	MG2 J201534+3710
																		2FGL J2015.6+3709			
																		1FGL J2015.7+3708			
																		3EG J2016+3657			
J2016.4–0905	304.102	–9.084	34.341	–22.980	0.035	0.030	70	18.4	1.4	0.1	15.7	1.5	1.98	0.07	PL	T	...	1FHL J2016.3–0907	...	bll	PMN J2016–0903
																		2FGL J2016.3–0904			
																		1FGL J2016.2–0903			
J2017.3+0602	304.349	6.048	48.621	–16.032	0.022	0.022	58	43.4	5.9	0.2	35.0	1.7	1.92	...	EC	...	...	2FGL J2017.3+0603	...	PSR	PSR J2017+0603
																		1FGL J2017.3+0603			
																		0FGL J2017.2+0602			
J2017.6–1616	304.425	–16.269	27.275	–26.217	0.075	0.068	49	11.5	0.9	0.1	10.4	1.2	2.10	0.08	PL	...	...	2FGL J2017.5–1618	...	psr	PSR J2017–16
																		1FGL J2017.9–1621			
																		3EG J2020–1545			
J2017.6–4110	304.405	–41.170	359.638	–33.107	0.091	0.072	23	4.7	0.3	0.1	3.4	0.9	2.16	0.19	PL	...	...	...	...	bcu	1RXS J201731.2–411452
J2017.9+3627	304.485	36.459	74.542	0.411	0.034	0.032	–55	25.0	10.2	0.5	65.2	4.2	2.34	...	LP	...	...	2FGL J2018.0+3626	E	...	...
J2018.5+3851	304.632	38.860	76.593	1.664	0.053	0.044	–15	7.9	1.7	0.2	19.2	2.9	2.23	0.10	PL	...	...	1FHL J2018.3+3851	...	bcu	TXS 2016+386

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2018.6+4213	304.675	42.230	79.403	3.531	0.212	0.112	57	8.5	2.0	0.2	23.6	3.1	2.27	0.08	PL	...	1,3	2FGL J2018.2+3850c	...	...	Cygnus Cocoon field ^a
J2021.0+4031e	305.270	40.520	78.241	2.197	...	...	...	...	0.7	...	11.4	...	1.53	...	PL	...	4,5	1AGL J2022+4032	E	SNR	Gamma Cygni
J2021.1+3651	305.278	36.861	75.233	0.113	0.009	0.009	36	145.1	68.8	0.8	503.7	5.8	2.17	...	EC	...	...	1FGL J2020.0+4049	E	PSR	PSR J2021+3651
J2021.5+4026	305.386	40.448	78.232	2.083	0.008	0.008	-17	237.0	121.0	1.0	883.4	6.1	2.13	...	EC	T	10	1FHL J2021.0+4031e	...	PSR	LAT PSR J2021+4026
J2021.9+0630	305.485	6.503	49.629	-16.771	0.086	0.078	-16	7.5	0.6	0.1	7.1	1.2	2.06	0.13	PL	...	...	2FGL J2019.1+4040	...	bl	87 Cyg
J2022.2+3840	305.563	38.678	76.855	0.963	0.104	0.092	67	12.8	2.7	0.5	38.4	3.9	2.48	...	LP	...	3,10,12	2FGL J2021.5+4026	...	spp	Cygnus Cocoon field ^a
J2022.2-4515	305.572	-45.250	354.892	-34.455	0.096	0.084	87	8.7	0.6	0.1	7.0	0.9	2.35	0.10	PL	...	...	1FGL J2021.0+3651	...	bl	PMN J2022-4513
J2022.2-7220	305.565	-72.340	322.334	-32.596	0.095	0.092	36	4.7	0.2	0.1	2.6	0.7	1.95	0.20	PL	...	...	0FGL J2020.8+3649	...	...	...
J2022.5+7612	305.649	76.208	109.303	21.140	0.051	0.042	-46	16.2	1.2	0.1	15.8	1.1	2.35	0.05	PL	...	...	1AGL J2021+3652	...	bl	S5 2023+760
J2023.2+3154	305.804	31.902	71.404	-3.071	0.106	0.075	41	5.9	0.8	0.2	9.0	1.8	2.07	0.12	PL	...	...	2FGL J2022.8+3843c	...	bcu	4C +31.56
J2023.5+4126	305.876	41.434	79.254	2.342	0.098	0.090	85	11.6	2.5	0.4	34.8	3.3	2.31	...	LP	...	1,3,10,12	2FGL J2022.3-4518	...	...	Cygnus Cocoon field ^a
J2023.6-1139	305.911	-11.652	32.622	-25.683	0.054	0.046	24	13.9	1.1	0.1	11.9	1.4	1.96	0.07	PL	...	...	1FGL J2022.5-4532	...	fsrq	PMN J2023-1140
J2024.4-0848	306.102	-8.809	35.551	-24.639	0.058	0.051	-78	9.0	0.5	0.1	6.7	1.3	1.70	0.14	PL	...	...	2FGL J2023.4-1137	...	bcu	1RXS
J2024.4-3254	306.108	-32.905	9.623	-32.864	0.187	0.139	28	11.1	0.5	0.1	11.0	1.0	2.79	0.10	PL	T	...	1FGL J2023.7-1141	...	fsrq	J202428.9-084810
J2024.6+0309	306.154	3.159	46.958	-19.044	0.130	0.099	29	5.5	0.5	0.1	5.2	1.1	1.91	0.14	PL	...	...	...	...	...	...
J2024.6+3747	306.172	37.797	76.407	0.065	0.229	0.140	0	7.0	2.3	1.0	20.0	3.2	2.40	...	LP	...	1,5	...	...	...	...
J2024.8-2331	306.210	-23.528	20.240	-30.361	0.081	0.073	-51	4.2	0.3	0.1	2.9	0.8	1.95	0.17	PL	...	...	...	...	...	...
J2025.1-2858	306.277	-28.976	14.175	-32.028	0.094	0.076	39	4.5	0.3	0.1	3.7	0.9	2.19	0.22	PL	...	...	...	...	...	...
J2025.2+3340	306.322	33.669	73.103	-2.414	0.055	0.049	-64	14.7	3.2	0.3	41.2	3.5	2.54	...	LP	T	3	2FGL J2025.1+3341	...	bcu	B2 2023+33
J2025.6-0736	306.422	-7.601	36.896	-24.392	0.022	0.021	-13	63.1	7.0	0.2	72.9	2.1	2.33	...	LP	T	...	1FHL J2025.8-0734	...	fsrq	PKS 2023-07
																		2FGL J2025.6-0736			
																		1FGL J2025.6-0735			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		0FGL J2025.6–0736			
																		3EG J2025–0744			
																		1AGL J2026–0732			
J2026.3+1430	306.587	14.515	57.260	−13.439	0.093	0.074	49	7.1	0.5	0.1	6.2	1.0	2.16	0.12	PL	...	...	...	...	...	...
J2026.3+7644	306.581	76.742	109.917	21.206	0.087	0.071	−70	5.0	0.2	0.1	2.9	0.8	1.84	0.19	PL	...	...	...	...	bcu	1RXS J202633.4+764432
J2026.4+4709	306.600	47.162	84.253	5.206	0.140	0.101	23	4.4	0.6	0.1	8.9	1.9	2.56	0.14	PL	...	3,4	...	...	...	...
J2026.8+2813	306.718	28.231	68.842	−5.823	0.159	0.142	10	7.6	1.1	0.2	7.7	1.5	2.45	...	LP	...	1,3,5,12	...	...	...	...
J2026.8+4003	306.716	40.053	78.492	1.025	0.228	0.112	82	9.0	2.4	0.4	30.7	3.7	2.28	...	LP	...	3	...	...	...	Cygnus Cocoon field ^a
J2028.3+3332	307.084	33.542	73.368	−3.005	0.023	0.022	−86	38.6	10.1	0.4	64.1	3.3	2.25	...	EC	...	...	2FGL J2028.3+3332	...	PSR	LAT PSR J2028+3332
J2028.5+4040c	307.135	40.677	79.186	1.129	0.143	0.093	−29	5.0	1.5	0.3	16.7	3.7	2.19	0.10	PL	...	3,5,6	...	...	...	Cygnus Cocoon field ^a
J2028.6+4110e	307.170	41.170	79.601	1.396	...	...	...	...	58.0	...	657.5	...	2.17	...	PL	...	...	1FHL J2028.6+4110e	E	SFR	Cygnus Cocoon
J2028.7+1012	307.191	10.207	53.842	−16.266	0.125	0.092	−78	4.3	0.3	0.1	4.6	1.2	2.45	0.17	PL	...	...	...	...	...	...
J2029.4+4923	307.357	49.400	86.380	6.088	0.061	0.055	−11	13.7	1.8	0.2	24.1	1.9	2.41	0.06	PL	T	10	2FGL J2029.4+4924	...	bll	MG4 J202932+4925
																		1FGL J2029.2+4924			
J2029.5−4232	307.389	−42.537	358.345	−35.488	0.216	0.174	48	6.4	0.4	0.1	6.0	0.9	2.50	0.11	PL	...	...	EGR J2027−4206	...	...	...
J2030.0+3642	307.501	36.703	76.133	−1.432	0.030	0.027	18	27.7	7.8	0.4	45.8	2.8	2.17	...	EC	...	...	2FGL J2030.0+3640	...	PSR	PSR J2030+3641
																		1FGL J2030.0+3641			
J2030.2−0622	307.570	−6.371	38.668	−24.857	0.070	0.064	−62	9.8	0.6	0.1	10.7	1.3	2.64	0.11	PL	T	...	2FGL J2030.3−0622	...	fsrq	TXS 2027−065
																		1FGL J2030.3−0617			
J2030.5−1439	307.629	−14.654	30.304	−28.432	0.075	0.065	42	4.4	0.2	0.1	2.6	0.8	1.87	0.22	PL	...	...	...	...	...	...
J2030.8+4416	307.716	44.270	82.349	2.890	0.039	0.038	22	24.9	7.2	0.4	52.4	3.1	2.31	...	EC	...	...	2FGL J2030.7+4417	...	PSR	LAT PSR J2030+4415
																		1FGL J2030.9+4411			
J2031.0+1937	307.761	19.619	62.243	−11.530	0.055	0.051	−14	8.9	0.6	0.1	7.0	1.2	1.83	0.12	PL	...	...	1FHL J2031.4+1941	...	bcu	RX J2030.8+1935
																		2FGL J2031.0+1938			
J2031.8+1223	307.953	12.387	56.170	−15.714	0.086	0.072	−23	8.4	0.7	0.1	10.3	1.5	2.45	0.10	PL	...	...	2FGL J2031.7+1223	...	bll	PKS 2029+121
																		1FGL J2031.5+1219			
																		EGR J2032+1226			
J2032.2+4126	308.060	41.447	80.219	1.019	0.014	0.014	17	63.2	24.6	0.6	160.5	4.8	2.08	...	EC	...	...	1FHL J2032.1+4125	E	PSR	LAT PSR J2032+4127
																		2FGL J2032.2+4126			
																		1FGL J2032.2+4127			
																		0FGL J2032.2+4122			
																		1AGL J2032+4102			
J2032.5+3921	308.139	39.359	78.574	−0.269	0.095	0.069	52	11.3	4.1	0.4	31.7	3.7	2.32	...	LP	...	...	1FGL J2032.8+3928	...	...	Cygnus Cocoon field ^a
J2032.5+4032	308.125	40.535	79.514	0.438	0.165	0.115	7	16.1	4.5	0.5	54.8	4.3	2.43	...	LP	T	3	1AGL J2032+4102	...	...	Cygnus Cocoon field ^a
J2033.3+4348c	308.338	43.812	82.244	2.258	0.074	0.063	−74	4.4	1.1	0.3	12.6	3.5	2.24	0.14	PL	...	4,5,6	...	...	...	Cygnus Cocoon field ^a

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J2033.6+6309	308.421	63.151	98.160	13.497	0.062	0.061	-5	5.1	0.3	0.1	3.4	0.9	1.90	0.20	PL	...	3	...	...	bcu	87GB 203249.5+625814
J2034.3+1155	308.585	11.922	56.117	-16.486	0.133	0.116	-2	4.9	0.5	0.1	6.9	1.7	2.47	0.15	PL	...	5	...	...	fsrq	TXS 2032+117
J2034.4+3833c	308.621	38.564	78.158	-1.043	0.053	0.052	-85	8.9	1.3	0.2	26.1	3.0	2.39	...	LP	...	3,5,6,12	...	...	...	Cygnus Cocoon field ^a
J2034.6+4302	308.670	43.039	81.767	1.604	0.138	0.119	-50	10.3	2.7	0.4	30.3	3.5	2.39	...	LP	...	3	...	...	...	Cygnus Cocoon field ^a
J2034.6-4202	308.673	-42.040	359.076	-36.383	0.063	0.057	12	7.4	0.4	0.1	5.1	1.0	1.95	0.13	PL	...	...	2FGL J2034.7-4201 1FGL J2034.6-4202	...	...	...
J2035.0+3634	308.758	36.581	76.633	-2.315	0.052	0.045	22	11.9	2.5	0.3	12.3	1.8	2.13	...	LP	...	3	2FGL J2034.9+3632 1FGL J2034.7+3639	...	...	...
J2035.3+1055	308.827	10.924	55.379	-17.231	0.052	0.048	20	19.8	1.8	0.1	25.0	1.6	2.47	0.05	PL	T	...	2FGL J2035.4+1058 1FGL J2035.4+1100	...	fsrq	PKS 2032+107	
J2035.6+3146	308.908	31.770	72.841	-5.289	0.103	0.084	14	4.6	0.4	0.1	8.2	1.8	2.68	0.17	PL	...	4	...	...	...	...
J2035.8+4902	308.958	49.047	86.712	5.034	0.056	0.048	74	4.8	0.6	0.2	6.2	1.7	2.10	0.16	PL	...	...	...	...	...	...
J2036.4+6551	309.105	65.857	100.636	14.781	0.046	0.045	-52	9.6	0.6	0.1	6.8	1.0	2.01	0.10	PL	...	...	2FGL J2036.6+6551	...	bll	87GB 203539.4+654245
J2036.6-3325	309.174	-33.427	9.672	-35.483	0.111	0.077	-40	4.2	0.1	0.1	2.8	1.0	1.30	0.25	PL	...	...	1FGL J2038.1+6552 1FHL J2036.9-3325	...	bcu	1RXS J203650.9-332817
J2036.8+4234c	309.222	42.568	81.634	0.997	0.077	0.073	84	5.4	1.7	0.3	19.6	4.2	2.25	0.10	PL	...	1,4,5,6	...	...	...	Cygnus Cocoon field ^a
J2036.8-2830	309.222	-28.505	15.529	-34.396	0.148	0.115	1	7.6	0.4	0.1	6.8	1.0	2.58	0.12	PL	...	...	...	...	fsrq	PMN J2036-2830
J2037.4+4132c	309.354	41.534	80.869	0.295	0.090	0.070	25	6.4	1.8	0.3	20.8	4.2	2.18	0.11	PL	...	6	...	...	...	Cygnus Cocoon field ^a
J2038.4+4212	309.625	42.208	81.528	0.543	0.059	0.054	-14	11.8	4.8	0.4	39.2	4.8	2.32	...	LP	...	3	...	...	...	Cygnus Cocoon field ^a
J2038.8+5113	309.703	51.221	88.747	5.956	0.127	0.096	-24	7.9	0.8	0.1	20.8	2.4	2.89	0.10	PL	T	5	fsrq	3C 418
J2038.8-3613	309.706	-36.218	6.379	-36.419	0.120	0.115	73	7.8	0.5	0.1	7.2	1.0	2.45	0.10	PL	...	...	...	...	...	...
J2039.0-1047	309.752	-10.798	35.276	-28.742	0.032	0.031	46	25.9	2.4	0.2	18.1	1.5	2.01	...	LP	T	...	1FHL J2039.2-1045 2FGL J2039.1-1046 1FGL J2039.0-1047	...	bll	TXS 2036-109	
J2039.4+4111	309.854	41.198	80.830	-0.208	0.200	0.100	-59	10.7	2.9	0.5	35.3	4.0	2.41	...	LP	...	3,9	2FGL J2040.1+4105c	...	...	Cygnus Cocoon field ^a
J2039.5+5217	309.894	52.298	89.684	6.511	0.068	0.057	26	5.2	0.4	0.1	4.6	1.3	1.89	0.22	PL	...	...	2FGL J2039.6+5218	...	bll	1ES 2037+521
J2039.6-5618	309.918	-56.312	341.231	-37.155	0.043	0.040	75	25.4	2.3	0.2	17.1	1.4	2.16	...	LP	...	...	2FGL J2039.8-5620 1FGL J2039.4-5621	...	...	...
J2039.7+1237	309.937	12.626	57.494	-17.197	0.151	0.127	-36	4.1	0.3	0.1	3.5	1.0	2.10	0.21	PL	...	...	...	...	...	...
J2040.0-5734	310.007	-57.575	339.651	-37.059	0.112	0.102	-75	4.6	0.3	0.1	3.7	0.9	2.27	0.19	PL	...	...	...	...	bcu	PKS 2036-577
J2040.2-7115	310.072	-71.260	323.150	-34.233	0.050	0.045	-23	11.1	0.6	0.1	7.2	1.1	1.80	0.11	PL	...	...	1FHL J2040.0-7119 2FGL J2040.2-7109	...	bcu	PKS 2035-714
J2041.1+4736	310.281	47.603	86.091	3.462	0.050	0.049	-41	18.4	3.5	0.3	31.9	2.3	2.38	...	LP	...	...	2FGL J2041.2+4735	...	...	...
J2041.7-3732	310.447	-37.546	4.851	-37.204	0.045	0.043	-56	7.0	0.4	0.1	4.6	1.0	1.78	0.17	PL	...	...	...	...	bll	NVSS J204150-373341

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2041.9–7318	310.477	–73.306	320.753	–33.730	0.052	0.045	4	8.7	0.4	0.1	5.1	0.9	2.21	0.17	PL	...	...	2FGL J2042.8–7317	...	bcu	SUMSS J204201–731911
																		1FGL J2043.0–7317			
J2042.1+0247	310.536	2.793	49.009	–22.996	0.139	0.113	47	7.5	0.7	0.1	3.6	0.6	2.29	...	LP	...	...	...	...	PSR	PSR J2042+0246
J2042.1+2428	310.529	24.471	67.787	–10.794	0.047	0.045	–24	8.4	0.5	0.1	6.1	1.1	1.87	0.14	PL	...	12	1FHL J2042.4+2426	...	bl	MG2 J204208+2426
																		2FGL J2042.1+2428			
																		1FGL J2042.2+2427			
J2042.3–5416	310.596	–54.269	343.745	–37.738	0.210	0.199	–10	5.0	0.3	0.1	4.5	0.9	2.55	0.17	PL	...	...	...	...	...	...
J2042.4+4209	310.614	42.153	81.932	–0.071	0.163	0.088	0	10.7	3.5	0.4	30.5	3.7	2.35	...	LP	...	3,9	...	...	...	Cygnus Cocoon field ^a
J2043.1+4350	310.777	43.835	83.329	0.873	0.124	0.097	70	8.4	0.8	0.2	21.2	2.5	2.46	...	LP	...	1,4,5,12	...	...	...	...
J2043.2+1711	310.816	17.184	61.901	–15.301	0.031	0.029	–52	39.0	4.4	0.2	30.2	1.4	2.07	...	EC	...	...	2FGL J2043.2+1711	...	PSR	PSR J2043+1711
																		1FGL J2043.2+1709			
J2043.6+0001	310.901	0.029	46.611	–24.719	0.103	0.083	89	4.3	0.2	0.1	2.9	0.9	1.69	0.20	PL	...	...	...	...	...	...
J2043.8+2741	310.950	27.699	70.636	–9.154	0.073	0.066	6	13.8	1.5	0.2	11.8	1.2	2.40	...	EC	...	...	2FGL J2043.7+2743	...	PSR	PSR J2043+2740
																		1FGL J2043.7+2740			
J2043.8–4801	310.950	–48.021	351.654	–38.263	0.078	0.075	–23	9.6	0.6	0.1	7.3	0.9	2.24	0.10	PL	...	3,10	2FGL J2044.4–4757	...	...	...
J2044.0+1035	311.000	10.590	56.325	–19.196	0.121	0.119	36	5.1	0.4	0.1	5.0	1.0	2.29	0.14	PL	...	...	...	...	...	...
J2045.2+5026e	311.320	50.440	88.753	4.670	...	...	...	31.5	10.7	0.5	89.8	3.9	2.29	...	LP	...	...	1FGL J2046.0+4954	...	SNR	HB21
																		2FGL J2046.0+4954			
																		...			
J2045.6–6838	311.407	–68.635	326.055	–35.422	0.132	0.100	19	5.6	0.4	0.1	4.8	0.9	2.39	0.13	PL	...	1	...	...	...	...
J2046.7–1011	311.684	–10.187	36.844	–30.197	0.093	0.082	90	4.8	0.2	0.1	3.4	1.1	1.61	0.19	PL	...	...	...	...	bcu	PMN J2046–1010
J2046.7–4259	311.698	–42.984	358.101	–38.677	0.164	0.129	21	4.4	0.3	0.1	3.3	0.8	2.01	0.16	PL	...	...	2FGL J2046.2–4259	...	...	...
J2047.1+1054	311.778	10.914	57.064	–19.649	0.122	0.099	4	7.8	0.7	0.1	3.6	0.6	2.14	...	EC	...	12	2FGL J2046.7+1055	...	PSR	PSR J2047+1053
																		1FGL J2047.6+1055			
J2047.9–3119	311.984	–31.324	12.831	–37.379	0.116	0.079	3	7.1	0.4	0.1	6.4	1.0	2.52	0.15	PL	...	...	...	...	...	...
J2048.8+4436	312.224	44.608	84.581	0.545	0.179	0.124	55	11.9	2.1	0.3	23.2	2.1	2.52	...	LP	...	12	...	...	...	...
J2049.0–6801	312.256	–68.029	326.659	–35.896	0.093	0.077	–46	6.5	0.4	0.1	4.4	0.9	2.06	0.14	PL	...	...	...	...	bcu	PKS 2043–682
J2049.7+1002	312.440	10.045	56.687	–20.676	0.090	0.070	–42	11.1	0.8	0.1	10.9	1.2	2.40	0.08	PL	T	...	2FGL J2049.8+1001	...	bcu	PKS 2047+098
																		1FGL J2049.7+1003			
J2050.2+0409	312.568	4.153	51.432	–24.010	0.115	0.078	–23	7.7	0.6	0.1	6.5	1.1	2.07	0.11	PL	...	...	2FGL J2050.0+0408	...	bl	PKS 2047+039
																		1FGL J2050.1+0407			
J2051.0+3040e	312.750	30.670	73.985	–8.563	...	...	...	37.9	10.2	0.4	82.5	3.0	2.17	...	LP	...	...	1FGL J2046.4+3041	...	SNR	Cygnus Loop
																		2FGL J2051.0+3040e			
J2051.3–0828	312.828	–8.480	39.197	–30.461	0.110	0.086	–66	7.4	0.7	0.1	3.2	0.5	2.02	...	EC	...	12	...	...	PSR	PSR J2051–0827
J2051.8–5535	312.969	–55.595	341.865	–38.939	0.093	0.079	–35	7.1	0.4	0.1	6.0	1.0	2.58	0.15	PL	T	...	...	...	bcu	PMN J2052–5533

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2052.7+1217	313.196	12.298	59.113	-20.004	0.108	0.094	-76	7.2	0.6	0.1	6.5	1.0	2.25	0.11	PL	...	...	2FGL J2053.2+1212c	...	psr	PSR J2052+12
J2053.1+6027	313.288	60.458	97.353	10.047	0.164	0.123	-88	7.8	0.6	0.1	10.3	1.4	2.67	0.10	PL	...	1,4	...	...	...	...
J2053.4-4052	313.357	-40.871	0.917	-39.786	0.194	0.142	-15	4.3	0.3	0.1	3.6	0.8	2.29	0.17	PL	...	...	...	...	...	...
J2053.9+2922	313.476	29.374	73.361	-9.865	0.045	0.041	49	7.7	0.4	0.1	6.0	1.3	1.54	0.13	PL	...	1	...	...	...	Cygnus Loop field ^a
J2054.3+6907	313.587	69.131	104.421	15.312	0.133	0.101	75	5.4	0.4	0.1	5.5	1.0	2.46	0.12	PL	...	3	...	...	...	...
J2054.8-4908	313.725	-49.136	350.135	-40.059	0.216	0.123	80	4.7	0.3	0.1	4.0	0.9	2.35	0.19	PL	...	...	...	...	...	...
J2055.0+0016	313.751	0.268	48.450	-27.053	0.056	0.055	-38	4.9	0.2	0.1	3.2	1.0	1.73	0.20	PL	...	...	...	...	bl	RGB J2054+002
J2055.2-0019	313.807	-0.332	47.903	-27.408	0.077	0.058	-51	6.9	0.4	0.1	5.5	1.3	1.62	0.14	PL	...	...	2FGL J2055.4-0023	...	bl	1RXS J205528.2-002123
J2055.6+1609	313.901	16.156	62.846	-18.296	0.131	0.111	-77	4.5	0.3	0.1	4.3	1.0	2.50	0.16	PL	...	...	...	...	...	...
J2055.8+2539	313.963	25.667	70.694	-12.527	0.023	0.023	74	63.7	9.0	0.3	54.8	1.5	2.12	...	EC	...	...	2FGL J2055.8+2539	...	PSR	LAT PSR J2055+2539
																		1FGL J2055.8+2539			
																		0FGL J2055.5+2540			
J2056.2-4714	314.067	-47.248	352.589	-40.381	0.021	0.021	-89	78.9	6.3	0.2	77.4	1.8	2.40	...	LP	T	...	1FHL J2056.3-4712	...	fsrq	PKS 2052-47
																		2FGL J2056.2-4715			-
																		1FGL J2056.3-4714			128
																		0FGL J2056.1-4715			-
																		3EG J2055-4716			
J2056.3-5925	314.097	-59.422	336.888	-38.856	0.135	0.117	44	5.8	0.4	0.1	4.3	0.8	2.30	0.12	PL	...	...	...	...	...	...
J2056.7+4938	314.179	49.641	89.301	2.744	0.029	0.025	31	12.5	1.3	0.2	16.3	2.1	1.78	0.08	PL	...	...	2FGL J2056.7+4939	...	bcu	RGB J2056+496
																		1FGL J2056.7+4938			
J2058.0+4347	314.503	43.795	85.006	-1.230	0.199	0.161	-76	14.1	1.2	0.2	32.8	2.3	2.92	0.07	PL	...	1	...	...	...	...
J2058.3+3729	314.581	37.489	80.251	-5.381	0.130	0.095	72	7.3	0.4	0.1	11.5	1.5	2.95	0.16	PL	...	1,4	...	...	...	...
J2059.9+2029	314.995	20.488	67.114	-16.491	0.165	0.164	-89	4.7	0.3	0.1	5.3	1.1	2.58	0.15	PL	...	...	...	...	...	...
J2100.6-7844	315.158	-78.746	314.235	-32.685	0.193	0.153	-68	4.6	0.2	0.1	4.8	1.0	2.73	0.18	PL	...	...	...	...	...	...
J2102.3+4547	315.589	45.785	87.012	-0.501	0.135	0.116	18	7.7	1.3	0.2	10.2	1.7	2.51	...	LP	T	3	2FGL J2102.2+4546	...	NOV	V407 Cyg
J2102.8+4704	315.724	47.069	88.035	0.282	0.095	0.072	-83	5.7	0.9	0.2	9.6	1.9	2.07	0.12	PL	...	...	2FGL J2103.4+4706	...	...	...
J2103.7-1113	315.942	-11.229	37.858	-34.423	0.066	0.056	-10	12.3	1.1	0.1	6.2	0.9	2.06	...	LP	...	...	2FGL J2103.5-1112	...	...	...
J2103.9-3546	315.999	-35.775	7.845	-41.400	0.080	0.073	84	10.4	0.7	0.1	8.8	1.0	2.36	0.09	PL	T	...	...	...	bcu	NVSS J210353-354620
J2103.9-6233	315.986	-62.561	332.688	-38.962	0.038	0.036	-2	21.1	1.4	0.1	15.2	1.3	1.98	0.05	PL	T	...	2FGL J2103.6-6236	...	bcu	PMN J2103-6232
																		1FGL J2103.9-6237			
J2104.2-0211	316.052	-2.191	47.378	-30.285	0.124	0.074	64	4.1	0.2	0.1	2.6	0.9	1.52	0.21	PL	...	...	...	...	bcu	NVSS J210421-021239
J2104.7+2113	316.193	21.228	68.447	-16.904	0.078	0.068	-30	5.0	0.3	0.1	3.6	1.0	2.05	0.19	PL	...	...	1FGL J2104.6+2119	...	...	...
J2106.1+2505	316.530	25.098	71.755	-14.681	0.171	0.133	-74	4.3	0.3	0.1	4.8	1.1	2.53	0.15	PL	...	...	...	...	bcu	MG3 J210642+2501
J2107.1+2248	316.795	22.804	70.088	-16.337	0.228	0.159	63	4.6	0.4	0.1	5.2	1.1	2.48	0.15	PL	...	...	...	...	...	...
J2107.7-4822	316.931	-48.370	350.930	-42.226	0.212	0.176	35	4.9	0.2	0.1	4.9	1.0	2.71	0.19	PL	...	...	...	...	bcu	PMN J2107-4827

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J2108.0+3654	317.005	36.914	81.097	-7.211	0.060	0.058	2	6.4	0.5	0.1	5.2	1.1	1.93	0.16	PL	...	...	2FGL J2107.8+3652	...	bcu	TXS 2106+367
J2108.1+5202	317.045	52.042	92.302	2.978	0.084	0.061	40	9.7	1.7	0.2	24.5	2.5	2.50	0.07	PL	...	3	2FGL J2107.9+5207c 1FGL J2107.5+5202c	...	...	...
J2108.6-0250	317.173	-2.842	47.384	-31.580	0.065	0.063	-5	5.1	0.2	0.1	2.8	0.8	1.94	0.18	PL	...	3	2FGL J2108.7-0246 1FGL J2108.5-0249	...	bll	TXS 2106-030	
J2108.6-8619	317.163	-86.318	306.415	-29.160	0.087	0.065	-31	4.7	0.2	0.1	2.6	0.8	1.74	0.27	PL	...	...	...	...	bcu	1RXS J210959.5-861853
J2109.1-6638	317.277	-66.638	327.522	-38.176	0.061	0.049	14	13.1	0.7	0.1	8.1	1.0	2.01	0.08	PL	...	...	1FHL J2109.2-6635 2FGL J2108.9-6636 1FGL J2108.6-6646	...	bcu	PKS 2104-668
J2109.4+1437	317.359	14.620	63.689	-21.881	0.112	0.095	81	10.2	0.5	0.1	10.2	1.1	2.73	0.10	PL	T
J2110.0+0442	317.513	4.705	54.942	-27.837	0.135	0.094	69	5.1	0.4	0.1	4.0	0.9	2.06	0.16	PL
J2110.0+0812	317.518	8.202	58.162	-25.842	0.086	0.079	-86	10.7	1.0	0.1	11.8	1.3	2.33	0.07	PL	T	...	2FGL J2109.9+0807 1FGL J2110.0+0811	...	fsrq	PMN J2110+0810	
J2110.3+3540	317.585	35.668	80.483	-8.394	0.289	0.209	84	5.5	0.4	0.1	7.0	1.2	2.64	0.14	PL	...	...	...	...	bcu	B2 2107+35A
J2110.3-1013	317.576	-10.223	39.813	-35.433	0.374	0.263	-75	7.1	0.4	0.1	7.6	1.0	2.71	0.12	PL	...	1	...	...	fsrq	PKS 2107+105
J2110.4+5946	317.619	59.779	98.253	7.968	0.079	0.071	9	7.4	0.6	0.1	9.9	1.5	2.53	0.11	PL	...	3
J2111.4+4605	317.866	46.090	88.304	-1.466	0.024	0.023	-12	35.1	6.2	0.3	43.8	2.2	2.15	...	EC	...	...	2FGL J2111.3+4605 1FGL J2111.3+4607 0FGL J2110.8+4608	...	PSR	PSR J2111+4606
J2112.5-3044	318.145	-30.734	14.898	-42.449	0.036	0.033	45	30.1	3.3	0.2	19.0	1.4	2.02	...	LP	...	...	2FGL J2112.5-3042 1FGL J2112.5-3044	...	...	...
J2112.7+0819	318.190	8.325	58.707	-26.310	0.040	0.038	65	11.3	0.7	0.1	8.1	1.3	1.81	0.12	PL	...	...	2FGL J2112.5+0818	...	bcu	1RXS J211242.5+081831
J2114.0+5239	318.524	52.652	93.366	2.734	0.069	0.060	-26	7.0	1.6	0.3	11.7	1.7	2.37	...	LP	...	4,5,12
J2114.7+3130	318.693	31.507	77.994	-11.884	0.111	0.094	50	5.1	0.4	0.1	5.1	1.1	2.35	0.16	PL	...	...	...	...	bcu	B2 2112+31
J2114.9+5448	318.725	54.816	95.016	4.142	0.076	0.055	40	9.2	1.4	0.2	6.5	0.9	2.20	...	LP	...	12	2FGL J2114.1+5440	...	psr	PSR J2114+54	
J2115.2+1215	318.822	12.260	62.606	-24.451	0.163	0.082	-12	6.2	0.4	0.1	4.8	1.0	2.16	0.17	PL	...	...	2FGL J2115.4+1213	...	...	...
J2115.4+2933	318.851	29.555	76.611	-13.300	0.046	0.040	-83	16.4	1.2	0.1	16.0	1.2	2.37	0.06	PL	...	...	1FHL J2115.6+2935 2FGL J2115.3+2932 1FGL J2115.5+2937	...	fsrq	B2 2113+29
J2116.1+3339	319.047	33.650	79.805	-10.647	0.021	0.019	-90	36.0	3.4	0.2	39.5	2.2	1.91	0.03	PL	T	...	1FHL J2116.2+3339 2FGL J2116.2+3339 1FGL J2116.1+3338	...	bll	B2 2114+33	
J2116.2+4422	319.064	44.381	87.647	-3.255	0.206	0.169	16	4.2	0.3	0.1	8.1	1.8	2.89	0.27	PL	...	4,5
J2116.9+1343	319.234	13.728	64.144	-23.862	0.122	0.109	6	5.0	0.3	0.1	4.2	1.0	2.36	0.18	PL
J2117.6+3725	319.421	37.426	82.798	-8.274	0.113	0.086	70	14.5	1.4	0.1	12.8	1.3	2.39	...	LP	...	...	2FGL J2117.5+3730	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2118.0–3241	319.511	–32.692	12.493	–43.900	0.078	0.071	–59	4.1	0.3	0.1	3.9	2.1	2.31	0.41	PL	...	...	1FGL J2116.8+3729 1FGL J2118.3–3237	...	bcu	NVSS J211754–324326
J2118.3+5751	319.588	57.863	97.552	5.911	0.128	0.091	–69	5.8	0.6	0.1	9.0	1.7	2.48	0.12	PL	...	...	...	...	...	...
J2118.4+0013	319.602	0.232	51.961	–32.043	0.119	0.114	–89	4.4	0.3	0.1	3.0	0.8	1.94	0.19	PL	...	...	1FGL J2117.8+0016	...	fsrq	PMN J2118+0013
J2119.2–3313	319.820	–33.225	11.804	–44.226	0.137	0.132	13	4.4	0.4	0.1	5.5	2.0	2.35	0.29	PL	...	...	...	...	bcu	PMN J2118–3316
J2120.4–1256	320.123	–12.946	38.066	–38.854	0.199	0.146	87	6.7	0.4	0.1	6.1	0.9	2.57	0.12	PL	...	...	2FGL J2120.6–1301	...	...	...
J2121.0+1901	320.269	19.024	69.250	–21.255	0.032	0.031	–76	27.4	2.2	0.1	25.0	1.4	2.16	0.04	PL	...	...	1FGL J2120.2–1259 1FHL J2121.0+1901 2FGL J2121.0+1901 1FGL J2120.9+1901	...	fsrq	OX 131
J2121.5–8253	320.381	–82.893	309.527	–31.302	0.181	0.160	–87	4.6	0.3	0.1	5.4	1.2	2.58	0.17	PL	...	...	...	...	...	...
J2123.6+0533	320.921	5.563	57.972	–30.126	0.120	0.096	–56	6.8	0.5	0.1	5.5	0.9	2.17	0.12	PL	...	...	...	...	fsrq	OX 036
J2124.7–3358	321.194	–33.973	10.936	–45.446	0.023	0.022	–20	56.6	7.5	0.3	39.4	1.4	1.97	...	EC	...	...	2FGL J2124.6–3357 1FGL J2124.7–3358 0FGL J2124.7–3358	...	PSR	PSR J2124–3358
J2125.8+5832	321.461	58.549	98.741	5.697	0.145	0.083	–55	7.5	0.9	0.2	7.9	1.1	2.46	...	LP	...	1,4,12	...	...	...	...
J2126.5–3926	321.629	–39.446	3.122	–46.061	0.202	0.140	–58	4.1	0.3	0.1	3.1	0.8	2.20	0.19	PL	...	...	...	...	bcu	PMN J2126–3921
J2126.5–4605	321.628	–46.087	353.600	–45.644	0.043	0.042	–13	34.0	1.9	0.1	28.7	1.1	2.50	0.04	PL	T	...	1FGL J2126.1–4603	...	FSRQ	PKS 2123–463
J2127.1–5615	321.784	–56.255	339.580	–43.613	0.260	0.212	46	4.4	0.3	0.1	3.7	0.9	2.50	0.19	PL	...	...	...	...	...	...
J2127.5–6001	321.893	–60.031	334.661	–42.454	0.094	0.074	–25	4.6	0.2	0.1	2.3	0.7	1.95	0.20	PL	...	...	...	...	...	...
J2127.7+3612	321.948	36.202	83.353	–10.574	0.040	0.036	75	14.3	1.1	0.1	12.8	1.4	1.90	0.07	PL	...	...	1FHL J2127.8+3614 2FGL J2127.8+3614	...	bll	B2 2125+35
J2129.6–0427	322.410	–4.465	48.916	–36.905	0.082	0.076	–83	13.0	0.9	0.1	10.5	1.1	2.22	0.07	PL	...	...	2FGL J2129.8–0428 1FGL J2129.8–0427	...	PSR	PSR J2129–0429
J2130.4–4237	322.615	–42.632	358.467	–46.683	0.241	0.121	45	8.8	0.5	0.1	8.0	1.0	2.56	0.10	PL	T	9	...	...	...	...
J2130.8–2745	322.723	–27.766	19.997	–45.823	0.069	0.054	–14	8.8	0.4	0.1	5.8	1.1	1.70	0.11	PL	...	...	...	...	bll	RBS 1751
J2131.1–6625	322.791	–66.417	326.642	–40.274	0.107	0.093	–13	10.1	0.5	0.1	7.3	0.8	2.45	0.09	PL	...	...	...	...	...	...
J2131.5+2605	322.896	26.097	76.539	–18.273	0.481	0.131	–47	4.1	0.4	0.1	4.3	1.1	2.27	0.17	PL	...	...	2FGL J2132.5+2605	...	...	...
J2131.5–0915	322.891	–9.253	43.894	–39.667	0.035	0.033	–19	13.7	0.9	0.1	9.6	1.1	2.02	0.09	PL	...	9	1FHL J2131.6–0913 2FGL J2131.6–0914 1FGL J2131.7–0914	...	bll	RBS 1752
J2131.8–2516	322.954	–25.271	23.545	–45.480	0.050	0.049	71	7.0	0.4	0.1	3.9	0.8	2.01	0.15	PL	...	...	...	...	bll	RBS 1755
J2132.4–5420	323.108	–54.347	341.826	–44.885	0.113	0.092	–84	13.6	0.6	0.1	10.5	0.9	2.63	0.08	PL	T	...	2FGL J2131.0–5417	...	bcu	PMN J2132–5420
J2133.0–6433	323.259	–64.553	328.739	–41.268	0.095	0.082	–50	10.1	0.8	0.1	4.0	0.7	2.20	...	LP	...	...	2FGL J2133.5–6431 1FGL J2134.3–6429	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2133.3+2533	323.348	25.556	76.429	-18.942	0.103	0.080	-4	5.0	0.3	0.1	3.8	1.0	2.01	0.19	PL	...	...	1FGL J2133.4+2532	...	bcu	87GB 213100.1+251534
J2133.6+2821	323.404	28.358	78.561	-17.009	0.212	0.194	-45	4.1	0.3	0.1	4.3	1.0	2.62	0.17	PL	...	...	...	...	...	...
J2133.8+6648	323.467	66.800	105.194	11.006	0.036	0.031	68	14.4	1.3	0.1	14.4	1.4	2.08	0.07	PL	T	3	2FGL J2133.9+6645	...	bcu	NVSS J213349+664706
J2134.1-0152	323.532	-1.870	52.402	-36.485	0.043	0.042	-19	16.5	1.1	0.1	12.8	1.1	2.21	0.06	PL	T	...	2FGL J2133.8-0154	...	bll	PKS 2131-021
J2134.5-2131	323.646	-21.522	28.921	-45.083	0.055	0.046	16	11.4	0.7	0.1	7.9	1.0	2.13	0.09	PL	...	...	1FHL J2134.6-2130	...	...	...
J2135.3-5008	323.828	-50.144	347.479	-46.385	0.080	0.069	75	12.0	0.8	0.1	12.0	1.2	2.47	0.07	PL	T	...	2FGL J2135.6-4959	...	fsrq	PMN J2135-5006
J2135.6+5742	323.901	57.713	99.106	4.206	0.147	0.112	59	5.4	0.6	0.1	9.7	1.8	2.59	0.13	PL	...	3,4	...	...	...	...
J2138.2-4939	324.554	-49.656	348.017	-46.952	0.205	0.173	27	4.2	0.3	0.1	4.3	1.1	2.42	0.16	PL	...	5	...	...	...	...
J2139.4-4235	324.852	-42.598	358.303	-48.327	0.024	0.023	-87	45.8	4.3	0.2	37.5	1.9	2.09	...	LP	T	...	1FHL J2139.4-4238	...	bll	MH 2136-428
J2139.5+3919	324.897	39.324	87.254	-9.908	0.165	0.130	63	6.3	0.4	0.1	7.6	1.2	2.69	0.17	PL	...	1,4	...	...	...	...
J2140.0+4715	325.015	47.257	92.640	-4.044	0.043	0.040	57	25.2	3.9	0.2	23.1	1.5	2.27	...	EC	...	...	2FGL J2139.8+4714	...	PSR	LAT PSR J2139+4716
J2141.6-6412	325.412	-64.201	328.602	-42.259	0.062	0.059	77	16.6	1.0	0.1	14.2	1.0	2.50	0.06	PL	T	...	...	...	bcu	PMN J2141-6411
J2141.7-3734	325.428	-37.572	5.871	-49.045	0.198	0.122	21	7.9	0.4	0.1	6.7	0.9	2.59	0.11	PL	T	...	2FGL J2141.7-3739	...	fsrq	PKS 2138-377
J2142.2-2546	325.570	-25.781	23.613	-47.895	0.158	0.116	16	6.7	0.4	0.1	5.0	0.8	2.23	0.13	PL	...	...	...	...	bcu	PMN J2142-2551
J2142.6-2029	325.656	-20.499	31.142	-46.557	0.071	0.065	57	4.1	0.1	0.1	2.1	0.8	1.52	0.33	PL	...	...	1FHL J2142.6-2027	...	...	...
J2142.7+1957	325.682	19.958	73.733	-24.392	0.068	0.060	13	4.4	0.2	0.1	2.6	0.8	2.01	0.25	PL	...	...	...	...	...	...
J2143.1-3928	325.781	-39.467	2.963	-49.265	0.080	0.056	1	8.4	0.5	0.1	5.7	0.9	2.07	0.13	PL	...	...	2FGL J2143.2-3929	...	bll	PMN J2143-3929
J2143.5+1744	325.896	17.734	72.117	-26.080	0.030	0.029	78	60.6	4.4	0.2	64.0	1.7	2.52	...	LP	T	...	2FGL J2143.5+1743	...	fsrq	OX 169
J2144.2+3132	326.051	31.542	82.589	-16.296	0.076	0.071	-19	8.3	0.6	0.1	7.2	1.0	2.36	0.11	PL	...	...	...	...	bcu	MG3 J214415+3132
J2144.6+6606	326.163	66.104	105.527	9.766	0.097	0.085	-20	4.1	0.4	0.1	6.1	1.7	2.46	0.15	PL	...	...	...	...	...	...
J2144.6-5640	326.155	-56.680	337.889	-45.749	0.084	0.076	-40	4.2	0.2	0.1	2.8	0.9	2.46	0.31	PL	...	...	...	...	...	...
J2144.9-3356	326.229	-33.936	11.475	-49.607	0.051	0.050	31	19.2	1.2	0.1	14.3	1.0	2.30	0.06	PL	T	...	2FGL J2144.8-3356	...	fsrq	PMN J2145-3357
J2145.5+1007	326.376	10.130	66.047	-31.538	0.066	0.061	-33	5.2	0.2	0.1	2.7	0.9	1.55	0.25	PL	...	...	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2145.7+0717	326.448	7.297	63.532	-33.418	0.085	0.081	73	8.1	0.4	0.1	7.4	1.1	2.66	0.13	PL	...	3	...	...	bll	MS 2143.4+0704
J2146.6-1344	326.662	-13.744	40.661	-44.969	0.042	0.035	-86	16.3	1.0	0.1	13.7	1.8	1.66	0.07	PL	...	...	1FHL J2146.5-1344	...	bll	NVSS J214637-134359
																		2FGL J2146.6-1345			
																		1FGL J2146.6-1345			
J2146.7-1527	326.695	-15.455	38.456	-45.694	0.122	0.110	65	6.8	0.4	0.1	5.7	0.9	2.46	0.12	PL	...	...	2FGL J2146.5-1530	...	fsrq	PKS 2143-156
J2147.2+0929	326.810	9.498	65.811	-32.275	0.046	0.042	-37	29.4	2.5	0.1	35.6	1.5	2.54	...	LP	T	...	2FGL J2147.3+0930	...	FSRQ	PKS 2144+092
																		1FGL J2147.2+0929			
																		0FGL J2147.1+0931			
J2147.2+4730c	326.810	47.515	93.734	-4.641	0.283	0.207	-39	4.9	0.5	0.1	8.3	1.5	2.56	0.13	PL	...	4,5,6	...	...	...	...
J2147.3-7536	326.840	-75.609	315.793	-36.533	0.023	0.022	58	75.8	5.3	0.2	71.7	1.6	2.47	...	LP	T	...	1FHL J2147.5-7536	...	FSRQ	PKS 2142-75
																		2FGL J2147.4-7534			
J2149.6+1915	327.408	19.256	74.445	-26.042	0.119	0.113	-60	9.5	0.6	0.1	9.9	1.2	2.57	0.10	PL	T	...	...	...	bcu	TXS 2147+191
J2149.7+0323	327.441	3.384	60.554	-36.634	0.079	0.060	-37	10.4	0.7	0.1	7.6	1.0	2.15	0.10	PL	...	...	2FGL J2149.6+0326	...	bll	PKS B2147+031
																		1FGL J2149.7+0327			
J2150.2-1411	327.568	-14.187	40.609	-45.953	0.047	0.041	-16	9.9	0.5	0.1	6.3	1.1	1.83	0.12	PL	...	...	1FHL J2150.2-1413	...	bll	TXS 2147-144
																		2FGL J2150.2-1412			
																		1FGL J2150.3-1410			
J2150.5-1754	327.640	-17.911	35.639	-47.455	0.116	0.113	61	8.4	0.4	0.1	7.0	0.9	2.66	0.11	PL	...	...	...	...	...	...
J2151.6+4154	327.903	41.906	90.718	-9.449	0.058	0.046	-62	8.4	0.6	0.1	7.0	1.2	1.85	0.12	PL	...	...	...	...	...	...
J2151.6-2744	327.918	-27.736	21.316	-50.335	0.242	0.181	-41	5.2	0.3	0.1	4.4	0.8	2.51	0.15	PL	...	...	2FGL J2150.8-2738	...	fsrq	PMN J2151-2742
J2151.8-3025	327.953	-30.429	17.130	-50.756	0.078	0.077	-77	27.7	0.6	0.1	29.6	1.3	2.97	...	LP	T	...	2FGL J2151.5-3021	...	fsrq	PKS 2149-306
J2152.4+1735	328.107	17.585	73.647	-27.693	0.091	0.080	14	4.4	0.3	0.1	3.0	0.8	2.05	0.20	PL	...	...	2FGL J2152.4+1735	...	bll	S3 2150+17
																		1FGL J2152.5+1734			
J2152.9-0045	328.230	-0.753	56.935	-39.740	0.079	0.071	30	5.4	0.3	0.1	3.8	1.0	1.95	0.19	PL	...	...	...	...	bll	RBS 1792
J2153.9+6626	328.486	66.448	106.477	9.427	0.139	0.117	-29	4.4	0.5	0.1	6.9	1.6	2.53	0.14	PL	...	...	...	...	...	...
J2154.0-1137	328.507	-11.628	44.487	-45.663	0.097	0.086	-37	13.5	0.8	0.1	11.0	1.0	2.49	0.07	PL	T	...	2FGL J2154.0-1138	...	fsrq	PMN J2153-1136
J2156.0+1818	329.014	18.301	74.910	-27.789	0.054	0.051	45	7.8	0.5	0.1	5.4	1.0	1.91	0.14	PL	...	...	...	...	bcu	RX J2156.0+1818
J2156.9-0855	329.241	-8.919	48.365	-45.008	0.058	0.057	2	5.7	0.3	0.1	3.2	0.9	1.90	0.17	PL	...	...	...	...	bll	FIRST J215650.3-085535
J2157.5+3126	329.380	31.450	84.757	-18.241	0.025	0.024	10	56.7	5.8	0.2	55.3	2.0	2.28	...	LP	T	...	2FGL J2157.4+3129	...	fsrq	B2 2155+31
																		1FGL J2157.4+3129			
																		0FGL J2157.5+3125			
J2158.0-1501	329.522	-15.032	40.621	-48.024	0.053	0.048	-64	16.4	1.1	0.1	12.6	1.1	2.27	0.07	PL	T	...	2FGL J2157.9-1501	...	fsrq	PKS 2155-152
																		1FGL J2157.9-1503			
J2158.8-3013	329.720	-30.227	17.729	-52.249	0.009	0.009	-87	142.1	21.7	0.4	230.5	6.2	1.83	...	LP	T	...	1FHL J2158.8-3013	P	bll	PKS 2155-304
																		2FGL J2158.8-3013			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J2158.8–3013 0FGL J2158.8–3014 3EG J2158–3023 EGR J2200–3015			
J2159.2–2841	329.817	–28.687	20.238	–52.139	0.060	0.053	–18	7.8	0.4	0.1	4.8	0.9	1.94	0.16	PL	...	...	...	...	bcu	NVSS J215910–284115
J2159.8+1025	329.951	10.432	69.107	–33.955	0.213	0.195	66	5.0	0.3	0.1	4.6	0.9	2.63	0.19	PL	...	...	2FGL J2159.9+1023	...	bll	TXS 2157+102
J2200.0–6930	330.024	–69.504	321.310	–40.968	0.127	0.081	42	9.5	0.5	0.1	7.0	0.9	2.48	0.11	PL	...	...	2FGL J2200.1–6931	...	...	...
J2200.2+2139	330.061	21.654	78.288	–26.020	0.066	0.062	–23	5.2	0.3	0.1	2.9	0.8	1.98	0.21	PL	...	...	...	...	bll	TXS 2157+213
J2200.9–2412	330.240	–24.204	27.490	–51.655	0.123	0.101	–2	5.5	0.3	0.1	3.9	0.8	2.45	0.17	PL	...	1	...	...	bcu	NVSS J220036–241428
J2201.7+5047	330.434	50.800	97.642	–3.546	0.042	0.041	–82	27.4	2.2	0.2	36.2	1.5	2.59	0.04	PL	T	10	...	...	fsrq	NRAO 676
J2202.4–8339	330.610	–83.656	307.944	–31.735	0.052	0.048	–58	23.1	2.0	0.1	23.1	1.8	2.47	...	LP	T	...	2FGL J2201.9–8335	...	fsrq	PKS 2155–83
J2202.7+4217	330.687	42.284	92.598	–10.440	0.012	0.012	87	128.8	16.5	0.3	177.3	3.0	2.25	...	LP	T	...	1FHL J2202.7+4216 2FGL J2202.8+4216 1FGL J2202.8+4216 0FGL J2202.4+4217 3EG J2202+4217 EGR J2204+4225	P	BLL	BL Lacertae||||||
J2203.4+1725	330.864	17.427	75.672	–29.638	0.023	0.022	–35	54.1	4.8	0.2	49.3	1.8	2.26	...	LP	T	...	1FHL J2203.4+1724 2FGL J2203.4+1726 1FGL J2203.5+1726 0FGL J2203.2+1731	...	fsrq	PKS 2201+171
J2203.7+3143	330.939	31.732	86.027	–18.869	0.339	0.289	30	5.0	0.2	0.1	7.4	1.4	3.07	0.19	PL	...	...	...	...	fsrq	4C +31.63
J2204.4+0439	331.104	4.666	64.725	–38.656	0.063	0.055	21	8.4	0.5	0.1	5.5	0.9	2.12	0.11	PL	...	...	2FGL J2204.6+0442 1FGL J2204.6+0442	...	bll	4C +04.77
J2205.9–4704	331.476	–47.081	350.001	–52.059	0.168	0.130	77	4.4	0.1	0.1	3.7	0.8	2.91	0.25	PL	...	...	...	...	...	...
J2206.5+6451	331.629	64.856	106.530	7.377	0.175	0.151	–45	8.6	0.9	0.2	12.4	1.9	2.52	...	LP	...	...	2FGL J2206.6+6500 1FGL J2207.5+6440	...	...	...
J2206.9–0031	331.747	–0.524	59.959	–42.429	0.075	0.069	–58	9.4	0.6	0.1	7.4	1.0	2.25	0.10	PL	...	...	2FGL J2206.6–0029 1FGL J2207.1–0021	...	bll	PMN J2206–0031
J2207.8–5345	331.950	–53.764	339.908	–49.941	0.073	0.064	51	18.4	0.8	0.1	12.9	0.8	2.58	0.06	PL	T	...	2FGL J2208.1–5345 1FGL J2207.8–5344 0FGL J2207.0–5347	...	fsrq	PKS 2204–54
J2209.0+3652	332.267	36.869	90.238	–15.491	0.150	0.133	–7	5.6	0.2	0.1	5.8	1.0	2.84	0.16	PL	...	1	...	...	...	...
J2209.8–0450	332.467	–4.850	55.685	–45.558	0.087	0.073	37	6.5	0.2	0.1	4.3	1.3	1.27	0.32	PL	...	...	...	...	...	...

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2210.1+5925	332.526	59.421	103.686	2.719	0.207	0.166	27	9.7	1.2	0.2	20.5	2.1	2.62	0.07	PL	...	3	2FGL J2210.1+5913	...	...	...
J2210.1+6043	332.531	60.725	104.441	3.782	0.060	0.053	34	5.2	0.5	0.2	6.3	2.2	2.21	0.22	PL	...	...	...	...	...	...
J2210.2+6509	332.553	65.164	107.031	7.397	0.093	0.082	-56	4.4	0.6	0.1	8.3	2.3	2.48	0.16	PL	...	...	...	...	...	...
J2212.0+2355	333.001	23.924	82.223	-26.077	0.043	0.041	76	15.9	1.1	0.1	12.7	1.1	2.21	0.07	PL	...	...	2FGL J2211.9+2355	...	fsrq	PKS 2209+236
																		1FGL J2212.1+2358			
																		3EG J2209+2401			
J2212.3-7039	333.090	-70.656	319.253	-41.059	0.151	0.139	-46	5.2	0.2	0.1	4.4	0.9	2.76	0.22	PL	...	...	...	...	bcu	PMN J2211-7039
J2212.5+0703	333.147	7.060	68.743	-38.565	0.096	0.083	11	14.3	1.2	0.1	9.0	1.0	2.22	...	LP	...	...	2FGL J2212.6+0702	...	...	...
																		1FGL J2212.9+0654			
J2212.6+2801	333.174	28.019	85.175	-22.981	0.070	0.054	78	7.9	0.4	0.1	5.4	1.1	1.79	0.12	PL	...	...	1FHL J2212.5+2803	...	bcu	MG3 J221240+2759
J2213.1-2532	333.283	-25.535	26.333	-54.640	0.202	0.116	-20	10.3	0.5	0.1	7.6	0.8	2.55	0.10	PL	...	...	2FGL J2213.1-2527	...	fsrq	PKS 2210-25
																		1FGL J2213.1-2529			
J2213.6-4755	333.405	-47.921	348.016	-53.032	0.068	0.067	-84	5.7	0.3	0.1	2.9	0.7	1.89	0.17	PL	...	...	2FGL J2213.7-4754	...	bcu	SUMSS J221330-475426
J2214.6+3000	333.661	30.008	86.854	-21.667	0.024	0.024	43	50.7	5.6	0.2	33.0	1.2	2.02	...	EC	...	...	2FGL J2214.7+3000	...	PSR	PSR J2214+3000
																		1FGL J2214.8+3002			
																		0FGL J2214.8+3002			
J2215.5+6122	333.877	61.380	105.352	3.950	0.143	0.116	-58	5.7	0.8	0.2	13.0	2.3	2.53	0.10	PL	...	...	...	...	...	...
J2215.6+5134	333.911	51.577	99.872	-4.181	0.040	0.036	1	19.3	2.2	0.2	13.7	1.1	2.13	...	EC	...	...	2FGL J2215.7+5135	...	PSR	PSR J2215+5135
																		1FGL J2216.1+5139			
J2217.0+2421	334.268	24.364	83.535	-26.460	0.064	0.051	47	13.5	1.0	0.1	11.0	1.1	2.22	0.08	PL	...	...	2FGL J2217.1+2422	...	bll	B2 2214+24B
																		1FGL J2217.1+2423			
J2217.2+6346	334.307	63.774	106.860	5.824	0.069	0.056	-32	7.1	0.9	0.1	11.4	2.0	2.31	0.10	PL	...	4,5	...	...	...	...
J2217.8+3207	334.462	32.132	88.802	-20.374	0.265	0.180	-15	4.3	0.3	0.1	3.8	0.9	2.39	0.18	PL	...	...	...	...	...	...
J2219.2+1806	334.804	18.103	79.451	-31.629	0.142	0.111	3	6.7	0.4	0.1	5.3	0.9	2.50	0.13	PL	...	...	2FGL J2219.1+1805	...	fsrq	MG1 J221916+1806
																		1FGL J2219.3+1804			
J2220.3+2812	335.086	28.203	86.757	-23.858	0.141	0.080	-49	4.9	0.3	0.1	3.0	0.8	1.83	0.19	PL	...	...	...	...	bcu	RX J2220.4+2814
J2220.6-6833	335.151	-68.554	320.733	-42.988	0.113	0.094	-77	5.8	0.3	0.1	3.3	0.7	2.01	0.15	PL	...	...	...	...	...	...
J2221.6+6507	335.414	65.127	108.012	6.690	0.268	0.119	-46	7.4	0.7	0.2	9.3	1.7	2.65	...	LP	...	...	...	...	...	...
J2221.6-5225	335.411	-52.422	340.358	-52.398	0.039	0.037	32	15.9	0.8	0.1	9.5	1.1	1.93	0.08	PL	...	...	1FHL J2221.3-5225	...	bll	PMN J2221-5224
																		2FGL J2221.6-5223			
																		1FGL J2222.5-5218			
J2221.7+6318	335.435	63.303	107.022	5.154	0.222	0.172	-44	8.4	1.1	0.2	11.9	1.7	2.39	...	LP	...	1	2FGL J2221.0+6307	...	...	...
J2222.3-3500	335.590	-35.012	9.649	-57.320	0.155	0.145	43	4.6	0.2	0.1	3.1	0.6	2.37	0.18	PL	T	...	2FGL J2222.0-3503	...	fsrq	PKS 2220-351
J2223.3+0103	335.838	1.052	65.216	-44.595	0.085	0.066	56	6.3	0.3	0.1	4.0	1.0	1.81	0.16	PL	...	...	1FHL J2223.4+0104	...	...	...
																		2FGL J2223.4+0104			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		1FGL J2223.3+0103			
J2224.4+0351	336.102	3.859	68.338	-42.901	0.075	0.051	57	5.8	0.2	0.1	3.3	1.0	1.60	0.21	PL	...	...	...	...	...	...
J2224.6-1122	336.174	-11.370	50.287	-52.148	0.274	0.125	47	6.5	0.4	0.1	5.3	0.9	2.45	0.14	PL	...	...	...	...	bll	PKS 2221-116
J2225.8+6045	336.465	60.765	106.067	2.753	0.536	0.191	40	4.1	0.5	0.2	5.9	2.0	1.95	0.20	PL	...	9	3EG J2227+6122	E	spp	...
																		EGR J2227+6114			
J2225.8-0454	336.468	-4.901	59.040	-48.830	0.052	0.047	82	27.0	1.9	0.1	24.7	1.3	2.36	0.04	PL	T	...	2FGL J2225.6-0454	...	fsrq	3C 446
																		1FGL J2225.8-0457			
J2227.8+0040	336.958	0.674	65.865	-45.685	0.139	0.101	-71	9.2	0.7	0.1	7.9	1.1	2.14	0.09	PL	...	...	2FGL J2227.8+0051	...	bll	PMN J2227+0037
J2228.5-1636	337.149	-16.602	43.121	-55.367	0.100	0.096	-25	5.7	0.3	0.1	4.4	0.9	2.51	0.19	PL	...	...	2FGL J2228.6-1633	...	...	...
																		1FGL J2228.5-1633			
J2229.0+6114	337.271	61.242	106.650	2.954	0.011	0.010	47	106.6	29.5	0.5	234.7	3.2	2.17	...	EC	...	...	1FHL J2229.0+6114	E	PSR	PSR J2229+6114
																		2FGL J2229.0+6114			
																		1FGL J2229.0+6114			
																		0FGL J2229.0+6114			
																		3EG J2227+6122			
																		EGR J2227+6114			
																		1AGL J2231+6109			
J2229.1+2255	337.283	22.929	85.033	-29.277	0.051	0.050	-20	6.5	0.3	0.1	4.1	0.9	2.24	0.17	PL	...	...	...	...	...	...
J2229.7-0833	337.434	-8.551	55.234	-51.717	0.032	0.030	-48	58.6	3.5	0.2	54.1	1.4	2.55	...	LP	T	...	2FGL J2229.7-0832	...	FSRQ	PKS 2227-08
																		1FGL J2229.7-0832			
																		0FGL J2229.8-0829			
J2230.5-7817	337.641	-78.298	311.292	-36.440	0.068	0.065	-74	12.4	0.7	0.1	10.6	1.0	2.51	0.08	PL	T	...	...	...	bcu	PKS 2225-785
J2230.6-4419	337.669	-44.331	352.169	-57.026	0.170	0.140	73	5.6	0.2	0.1	3.7	0.7	2.57	0.17	PL	...	...	...	...	fsrq	PKS 2227-445
J2232.5+1143	338.139	11.720	77.418	-38.583	0.026	0.025	-61	72.2	5.0	0.2	72.6	1.6	2.52	...	LP	T	...	2FGL J2232.4+1143	...	FSRQ	CTA 102
																		1FGL J2232.5+1144			
																		0FGL J2232.4+1141			
																		3EG J2232+1147			
J2232.9-2021	338.238	-20.358	37.461	-57.702	0.058	0.057	42	5.9	0.4	0.1	4.0	0.8	2.08	0.15	PL	...	...	...	...	bcu	1RXS J223249.5-202232
J2233.1+6542	338.279	65.715	109.343	6.561	0.096	0.086	-47	12.7	1.5	0.2	17.2	1.7	2.52	...	LP	...	...	...	...	...	...
J2233.5-1235	338.397	-12.600	50.305	-54.646	0.183	0.142	10	4.5	0.3	0.1	3.8	0.9	2.37	0.20	PL	...	...	...	...	bcu	PKS 2231-127
J2234.1-2655	338.530	-26.928	25.307	-59.517	0.061	0.055	-41	8.2	0.4	0.1	4.7	0.8	2.19	0.14	PL	...	...	...	...	bcu	PMN J2234-2656
J2234.8+0945	338.710	9.753	76.305	-40.440	0.065	0.060	7	14.8	1.4	0.1	8.3	1.0	2.19	...	EC	...	...	2FGL J2234.7+0945	...	PSR	PSR J2234+0944
																		1FGL J2234.8+0944			
J2235.3-4835	338.836	-48.590	344.487	-56.087	0.089	0.082	2	15.8	0.7	0.1	10.8	0.8	2.49	0.07	PL	T	...	2FGL J2234.9-4831	...	fsrq	PKS 2232-488
																		1FGL J2235.7-4817			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
																		EGR J2233–4812			
J2235.6–2319	338.911	–23.329	32.362	–59.149	0.400	0.251	43	9.3	0.3	0.1	7.3	0.8	2.82	0.11	PL	T	...	...	...	bcu	PMN J2236–2309
J2236.0–1706	339.019	–17.105	43.595	–57.207	0.108	0.099	–30	5.4	0.3	0.1	3.8	0.8	2.13	0.16	PL	...	...	...	...	fsrq	PKS 2233–173
J2236.0–3629	339.006	–36.499	6.259	–59.925	0.077	0.058	1	14.3	0.8	0.1	9.1	0.9	2.20	0.07	PL	T	...	2FGL J2236.1–3628	...	bll	NVSS J223554–362901
J2236.2–5049	339.057	–50.828	340.880	–55.149	0.227	0.188	–59	5.8	0.3	0.1	4.3	0.8	2.61	0.15	PL	...	...	...	...	bcu	SUMSS J223605–505521
J2236.3+2829	339.077	28.489	90.107	–25.635	0.027	0.027	13	52.1	4.3	0.2	43.6	1.6	2.28	...	LP	T	...	1FHL J2236.2+2827 2FGL J2236.4+2828 1FGL J2236.2+2828	...	bll	B2 2234+28A
J2236.5–1432	339.135	–14.545	47.890	–56.203	0.019	0.018	–10	69.5	6.9	0.2	63.9	2.2	2.15	...	LP	T	...	1FHL J2236.3–1432 2FGL J2236.5–1431 1FGL J2236.4–1432	...	BLL	PKS 2233–148
J2237.1–3921	339.289	–39.361	0.592	–59.602	0.047	0.045	–72	11.6	0.6	0.1	7.2	0.8	2.23	0.09	PL	T	...	2FGL J2237.2–3920	...	fsrq	NVSS J223708–392137
J2237.5–8326	339.391	–83.437	307.220	–32.537	0.111	0.104	24	6.1	0.5	0.1	7.3	1.5	2.43	0.14	PL	...	...	1FGL J2237.2–3919	...	...	...
J2237.9+6320	339.482	63.334	108.598	4.241	0.101	0.092	21	7.2	0.6	0.1	9.7	1.4	2.40	...	LP	...	1,3,12	2FGL J2237.2+6316	...	...	...
J2238.4+5903	339.606	59.053	106.553	0.478	0.024	0.023	77	34.9	7.9	0.3	59.0	4.5	2.24	...	EC	...	...	2FGL J2238.4+5902 1FGL J2238.4+5903	...	PSR	LAT PSR J2238+5903
J2240.9+4121	340.242	41.353	98.148	–15.156	0.083	0.076	–9	5.1	0.4	0.1	4.7	1.2	2.20	0.16	PL	...	5	...	...	bll	B3 2238+410
J2240.9+5831	340.241	58.526	106.586	–0.142	0.096	0.083	–9	7.7	1.6	1.3	7.7	7.6	2.26	...	EC	...	...	2FGL J2239.8+5825	...	PSR	PSR J2240+5832
J2241.6–5237	340.418	–52.623	337.443	–54.916	0.025	0.024	82	51.8	5.2	0.2	31.0	1.2	1.99	...	EC	...	...	2FGL J2241.7–5236 1FGL J2241.9–5236 0FGL J2241.7–5239	...	PSR	PSR J2241–5236
J2243.2–3933	340.806	–39.565	359.613	–60.685	0.127	0.093	–42	5.6	0.3	0.1	3.4	0.7	2.12	0.15	PL	...	...	...	...	bcu	NVSS J224326–393353
J2243.4–2541	340.864	–25.694	28.454	–61.385	0.046	0.044	2	25.9	1.6	0.1	19.6	1.1	2.27	0.05	PL	...	...	2FGL J2243.2–2540 1FGL J2243.1–2541	...	bll	PKS 2240–260
J2243.6–1230	340.925	–12.510	52.644	–56.733	0.067	0.064	–71	6.8	0.4	0.1	4.4	0.9	2.14	0.17	PL	...	...	...	...	bll	RBS 1888
J2243.9+2021	340.991	20.365	86.590	–33.361	0.019	0.017	61	45.9	4.1	0.2	50.9	2.8	1.79	0.03	PL	...	...	1FHL J2244.0+2020 2FGL J2243.9+2021 1FGL J2244.0+2021	...	bll	RGB J2243+203
J2244.1+4057	341.043	40.965	98.494	–15.790	0.038	0.037	33	18.6	1.6	0.1	19.9	1.5	2.29	0.05	PL	T	...	2FGL J2244.1+4059 1FGL J2243.4+4104	...	bll	TXS 2241+406
J2244.6+2503	341.160	25.051	89.763	–29.533	0.091	0.077	58	4.3	0.2	0.1	2.7	0.8	1.92	0.18	PL	...	...	...	...	...	...
J2246.2+1547	341.558	15.791	83.920	–37.421	0.048	0.046	–61	9.5	0.7	0.1	7.8	1.5	2.18	0.16	PL	...	...	2FGL J2246.3+1549	...	bcu	NVSS J224604+154437
																		1FGL J2246.3+1549 3EG J2243+1509			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2246.7–5205	341.679	–52.089	337.455	–55.853	0.061	0.045	76	7.4	0.2	0.1	4.3	1.1	1.44	0.18	PL	...	9	1FHL J2246.9–5205 2FGL J2246.8–5203	...	bcu	RBS 1895
J2247.2–0004	341.812	–0.072	69.996	–49.735	0.067	0.055	55	10.1	0.7	0.1	7.5	1.0	2.11	0.09	PL	...	...	2FGL J2247.2–0002 1FGL J2247.3+0000	...	...	...
J2247.8+4413	341.960	44.224	100.718	–13.252	0.037	0.033	65	9.9	0.5	0.1	6.6	1.2	1.80	0.14	PL	...	...	1FHL J2247.7+4412 2FGL J2247.8+4412	...	bl	NVSS J224753+441317
J2248.6–3235	342.161	–32.597	13.808	–62.921	0.212	0.184	8	6.8	0.2	0.1	5.0	0.7	2.82	0.14	PL	...	...	...	...	fsrq	PKS 2245–328
J2249.3–5943	342.348	–59.723	327.097	–51.295	0.111	0.092	5	4.1	0.2	0.1	2.1	0.6	2.17	0.22	PL	...	...	...	...	...	...
J2250.1+3825	342.527	38.419	98.261	–18.572	0.030	0.027	85	16.5	1.1	0.1	12.7	1.3	1.91	0.07	PL	...	...	1FHL J2250.1+3823 2FGL J2250.0+3825 1FGL J2250.1+3825	P	bl	B3 2247+381
J2250.3+1747	342.581	17.796	86.354	–36.331	0.091	0.076	–89	7.2	0.5	0.1	11.3	2.0	2.79	0.13	PL	T	...	3EG J2248+1745 EGRc J2249+1724	...	...	...
J2250.3–4206	342.584	–42.103	353.782	–61.161	0.050	0.044	–48	11.6	0.6	0.1	6.6	0.9	2.03	0.09	PL	...	...	2FGL J2250.2–4205	...	bcu	PMN J2250–4206
J2250.6+3308	342.673	33.142	95.658	–23.257	0.134	0.122	–22	6.2	0.4	0.1	5.3	0.9	2.35	0.11	PL	...	...	...	...	...	...
J2250.7–2806	342.680	–28.116	23.740	–63.310	0.025	0.023	88	48.4	4.1	0.2	47.1	1.7	2.18	0.03	PL	T	...	1FHL J2250.7–2811 2FGL J2250.8–2808 1FGL J2250.8–2809	...	bcu	PMN J2250–2806
J2251.5–4928	342.896	–49.468	340.648	–57.956	0.058	0.048	40	12.2	0.6	0.1	6.9	0.9	1.97	0.09	PL	...	...	2FGL J2251.1–4927	...	bcu	SUMSS J225128–492912
J2251.9+4031	342.988	40.524	99.627	–16.879	0.055	0.048	60	13.0	0.9	0.1	11.1	1.1	2.25	0.08	PL	...	...	1FGL J2251.2–4928 2FGL J2251.9+4032 1FGL J2251.7+4030	...	bl	MG4 J225201+4030
J2253.1–1237	343.297	–12.628	54.722	–58.770	0.172	0.141	–7	5.7	0.3	0.1	4.4	0.8	2.44	0.13	PL	...	...	...	...	...	...
J2254.0+1403	343.506	14.062	84.618	–39.918	0.106	0.092	54	5.4	0.4	0.1	4.8	1.3	2.24	0.21	PL	...	...	2FGL J2254.1+1401	...	bl	NVSS J225354+140439
J2254.0+1608	343.502	16.146	86.121	–38.192	0.007	0.007	–47	480.7	106.1	0.7	1234.3	5.4	2.35	...	EC	T	...	1FHL J2253.9+1608 2FGL J2253.9+1609 1FGL J2253.9+1608 0FGL J2254.0+1609 3EG J2254+1601 EGR J2253+1606 1AGL J2254+1602	...	FSRQ	3C 454.3
J2254.1+6229	343.547	62.497	109.852	2.641	0.186	0.095	81	9.0	1.0	0.2	17.3	1.9	2.63	0.08	PL	...	3	...	...	...	...
J2254.6+4253	343.657	42.888	101.211	–15.003	0.412	0.246	6	6.3	0.4	0.1	6.8	1.1	2.66	0.12	PL	...	...	...	...	...	...
J2255.1+2411	343.779	24.187	91.595	–31.513	0.054	0.049	86	12.6	0.9	0.1	9.6	1.1	2.02	0.09	PL	T	...	2FGL J2255.2+2408	...	bl	MG3 J225517+2409
J2256.7–1022	344.184	–10.382	59.217	–58.236	0.061	0.056	–54	16.1	1.3	0.1	7.7	0.8	2.06	...	EC	...	...	2FGL J2256.9–1023	...	PSR	PSR J2256–1024

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J2256.7–2011	344.189	–20.188	41.565	–62.906	0.046	0.043	–76	15.5	0.9	0.1	10.5	1.0	2.09	0.07	PL	...	...	1FGL J2256.9–1024 2FGL J2256.4–2009	...	bll	PKS 2254–204
J2258.0–2759	344.512	–27.985	24.355	–64.910	0.029	0.028	64	56.8	4.3	0.2	48.7	1.5	2.37	...	LP	T	...	1FGL J2256.3–2009 2FGL J2258.0–2759	...	fsrq	PKS 2255–282	
J2258.1–8248	344.541	–82.806	307.013	–33.402	0.072	0.067	–64	8.8	0.7	0.1	8.1	1.2	2.19	0.11	PL	...	...	1FGL J2258.0–2757 EGR J2258–2745 2FGL J2259.0–8254	...	bcu	PMN J2258–8246
J2258.2–3645	344.562	–36.750	3.903	–64.252	0.087	0.079	–17	5.6	0.3	0.1	3.1	0.7	1.96	0.16	PL	...	...	1FGL J2259.9–8255 1FHL J2257.9–3644	...	...	...
J2258.3–5526	344.599	–55.439	330.935	–55.106	0.105	0.099	23	5.5	0.3	0.1	3.2	0.7	2.31	0.17	PL	...	...	2FGL J2257.9–3646 1FGL J2257.9–3643 2FGL J2258.8–5524	...	bll	PMN J2258–5526
J2258.8+2437	344.724	24.624	92.727	–31.565	0.252	0.125	71	4.6	0.3	0.1	4.6	1.0	2.43	0.17	PL	...	9
J2259.9–1553	344.996	–15.897	50.688	–61.838	0.145	0.130	2	5.8	0.3	0.1	3.8	0.8	2.11	0.14	PL
J2300.0+4053	345.024	40.893	101.243	–17.243	0.060	0.052	73	5.2	0.2	0.1	2.9	0.9	1.51	0.26	PL
J2300.1–3547	345.043	–35.788	5.881	–64.847	0.150	0.117	56	6.0	0.3	0.1	3.8	0.7	2.18	0.14	PL	2FGL J2300.0–3553
J2300.3+3136	345.078	31.616	96.829	–25.563	0.034	0.032	55	15.6	0.9	0.1	10.6	1.3	1.85	0.07	PL	...	...	2FGL J2300.6+3139	...	bll	NVSS J230022+313703
J2301.2+5853	345.313	58.898	109.109	–0.985	0.055	0.049	14	6.1	0.4	0.1	6.5	1.5	1.51	0.12	PL	...	...	1FGL J2300.4+3138	...	snr	CTB 109
J2302.7+4443	345.685	44.722	103.395	–13.987	0.022	0.021	–13	51.7	6.5	0.2	38.1	1.4	1.96	...	EC	...	...	2FGL J2302.7+4443 1FGL J2302.8+4443 0FGL J2302.9+4443	...	PSR	PSR J2302+4442
J2303.7+5555	345.944	55.917	108.203	–3.845	0.057	0.051	–8	5.6	0.3	0.1	4.0	1.0	1.75	0.15	PL
J2304.6+3704	346.161	37.083	100.345	–21.061	0.031	0.029	57	13.0	0.7	0.1	8.9	1.2	1.82	0.11	PL	...	...	1FHL J2304.6+3704	...	bll	1RXS J230437.1+370506
J2305.3–4219	346.341	–42.327	350.892	–63.611	0.083	0.073	–83	4.3	0.2	0.1	2.1	0.6	2.05	0.24	PL	...	...	2FGL J2304.7+3703 1FGL J2304.3+3709 EGR J2308+3645	...	bcu	SUMSS J230512–421859
J2305.8+1658	346.473	16.978	89.772	–39.004	0.122	0.113	49	4.6	0.3	0.1	6.0	1.5	2.76	0.18	PL
J2307.4–1208	346.854	–12.136	59.414	–61.386	0.095	0.081	73	5.0	0.2	0.1	3.0	0.9	1.77	0.19	PL	...	...	...	...	bll	1RXS J230722.5–120520
J2307.7+1449	346.940	14.822	88.834	–41.085	0.057	0.051	–55	13.4	1.1	0.1	12.8	1.3	2.24	0.08	PL	...	...	1FGL J2307.3+1452 1FHL J2308.1+1459 2FGL J2308.0+1457	...	bll	MG1 J230734+1449
J2309.0+5428	347.252	54.476	108.320	–5.464	0.083	0.070	–16	4.6	0.2	0.1	2.9	0.9	1.70	0.25	PL

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2309.6–3633	347.415	–36.562	2.908	–66.512	0.049	0.046	–77	9.3	0.4	0.1	5.3	1.0	1.85	0.12	PL	...	...	2FGL J2309.8–3627	...	bcu	1RXS J230940.6–363241
																		1FGL J2310.0–3627			
J2310.1–0557	347.546	–5.952	69.695	–57.939	0.128	0.114	–53	9.0	0.8	0.1	3.5	0.6	2.06	...	LP	...	...	...	...	...	...
J2311.0+0204	347.765	2.081	79.328	–52.083	0.049	0.049	–4	8.8	0.5	0.1	5.9	0.9	2.27	0.11	PL	T	...	2FGL J2310.9+0204	...	bll	NVSS J231101+020504
																		1FGL J2310.9+0204			
J2311.0+3425	347.764	34.423	100.411	–24.021	0.023	0.022	–15	66.9	5.3	0.2	59.6	1.6	2.34	...	LP	T	...	1FHL J2311.0+3425	...	FSRQ	B2 2308+34
																		2FGL J2311.0+3425			
																		1FGL J2311.0+3425			
J2312.9–6923	348.240	–69.393	314.977	–45.363	0.078	0.070	–34	4.9	0.2	0.1	2.3	0.7	1.80	0.21	PL	...	...	...	...	bcu	SUMSS J231347–692332
J2313.1+3935	348.277	39.586	103.054	–19.460	0.193	0.157	73	5.5	0.2	0.1	5.2	0.9	2.79	0.16	PL	...	4	...	...	...	...
J2314.0+1443	348.518	14.731	90.531	–41.934	0.049	0.044	62	11.7	0.6	0.1	8.0	1.3	1.76	0.11	PL	...	...	1FHL J2314.0+1446	...	bll	RGB J2313+147
																		2FGL J2314.0+1446			
																		1FGL J2314.1+1444			
J2315.7–5018	348.942	–50.312	334.664	–60.511	0.092	0.070	2	10.1	0.6	0.1	6.7	0.9	2.19	0.10	PL	...	...	2FGL J2315.7–5014	...	bll	PKS 2312–505
																		1FGL J2315.9–5014			
J2316.8–5209	349.216	–52.166	331.773	–59.339	0.064	0.059	–23	5.6	0.2	0.1	2.7	0.8	1.73	0.22	PL	...	...	...	...	bcu	SUMSS J231701–521003
J2317.3–4534	349.345	–45.570	342.100	–63.755	0.061	0.049	79	14.8	0.8	0.1	9.1	0.9	2.19	0.08	PL	...	...	2FGL J2317.3–4534	...	bcu	1RXS J231733.0–453348
J2318.6+1912	349.655	19.210	94.548	–38.493	0.235	0.224	84	6.7	0.3	0.1	6.2	0.9	2.74	0.13	PL	...	...	...	...	bcu	TXS 2315+189
J2318.6–3829	349.666	–38.497	356.688	–67.531	0.153	0.125	–59	6.0	0.3	0.1	3.9	0.7	2.38	0.15	PL	...	...	2FGL J2319.3–3830	...	...	...
J2319.2–4207	349.804	–42.132	348.384	–65.951	0.073	0.056	–4	8.6	0.4	0.1	4.8	0.8	2.10	0.13	PL	...	...	2FGL J2319.1–4208	...	bll	PKS 2316–423
J2321.2–6439	350.318	–64.666	317.657	–49.806	0.110	0.096	62	4.3	0.2	0.1	2.6	0.7	2.40	0.22	PL	...	...	...	...	bcu	PMN J2321–6438
J2321.3+5113	350.345	51.221	108.873	–9.176	0.085	0.084	–24	4.3	0.3	0.1	3.1	0.9	2.02	0.22	PL	...	...	...	...	...	...
J2321.6+4438	350.416	44.634	106.568	–15.366	0.309	0.256	–74	4.6	0.3	0.1	4.6	0.9	2.64	0.16	PL	...	...	...	...	fsrq	B3 2319+444
J2321.6–1619	350.405	–16.331	55.743	–66.570	0.059	0.051	85	4.9	0.1	0.1	2.2	0.8	1.53	0.21	PL	...	4	...	...	...	...
J2321.9+2732	350.479	27.540	99.670	–31.256	0.097	0.081	–13	11.8	0.8	0.1	9.5	1.0	2.28	0.08	PL	...	...	2FGL J2321.0+2737	...	fsrq	4C +27.50
																		1FGL J2321.6+2726			
J2321.9+3204	350.479	32.070	101.686	–27.082	0.045	0.041	21	26.4	2.1	0.1	19.3	1.2	2.25	...	LP	T	...	2FGL J2322.2+3206	...	fsrq	B2 2319+31
																		1FGL J2322.0+3208			
J2322.5+3436	350.627	34.603	102.871	–24.781	0.041	0.037	–54	8.9	0.3	0.1	5.1	1.2	1.44	0.20	PL	...	...	1FHL J2322.5+3436	...	bll	TXS 2320+343
																		2FGL J2322.6+3435			
																		1FGL J2322.6+3435			
J2322.9–4917	350.734	–49.289	334.544	–62.053	0.064	0.053	–50	10.0	0.5	0.1	6.2	1.0	1.96	0.12	PL	...	...	2FGL J2323.0–4918	...	bcu	SUMSS J232254–491629
																		1FGL J2323.0–4919			
J2323.4+5849	350.870	58.819	111.747	–2.129	0.017	0.016	–42	36.7	5.5	0.3	48.3	2.8	1.79	...	LP	...	...	1FHL J2323.3+5849	P	snr	Cas A
																		2FGL J2323.4+5849			

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2323.5–0315	350.898	–3.265	77.790	–58.215	0.036	0.034	84	39.3	3.0	0.2	31.7	1.4	2.31	...	LP	T	...	1FGL J2323.4+5849 2FGL J2323.6–0316 1FGL J2323.5–0315 3EG J2321–0328	...	fsrq	PKS 2320–035
J2323.7+2523	350.947	25.388	99.114	–33.398	0.132	0.121	–50	4.5	0.3	0.1	3.2	0.8	2.14	0.19	PL	...	...	...	...	...	...
J2323.9+4211	350.981	42.184	106.074	–17.805	0.023	0.022	–47	25.1	1.8	0.1	20.9	1.6	1.89	0.05	PL	T	...	1FHL J2323.8+4210 2FGL J2323.8+4212 1FGL J2323.5+4211	...	bll	1ES 2321+419
J2324.7+0801	351.192	8.031	89.026	–49.051	0.054	0.042	76	13.0	0.9	0.1	9.7	1.1	2.15	0.09	PL	T	...	2FGL J2324.6+0801	...	bll	PMN J2324+0801
J2324.7–4040	351.184	–40.675	350.209	–67.586	0.029	0.027	–55	22.2	1.5	0.1	18.7	1.8	1.76	0.06	PL	...	...	1FHL J2324.6–4041 2FGL J2324.7–4042	...	bll	1ES 2322–409
J2325.2+3957	351.320	39.954	105.507	–19.984	0.031	0.031	15	23.4	2.0	0.1	14.7	1.3	2.01	...	LP	T	...	1FHL J2325.4+3959 2FGL J2325.3+3957 1FGL J2325.2+3957 0FGL J2325.3+3959	...	bll	B3 2322+396
J2325.3–3557	351.345	–35.955	1.821	–69.713	0.042	0.040	–37	32.1	2.2	0.1	17.9	1.1	2.22	...	LP	T	...	2FGL J2325.3–3557 1FGL J2325.5–3559	...	fsrq	CTS 0496
J2325.4–4758	351.358	–47.975	335.983	–63.262	0.049	0.040	–26	17.9	1.2	0.1	14.4	1.2	2.31	0.07	PL	T	...	1FHL J2325.5–4759 2FGL J2325.4–4758 1FGL J2325.6–4758	...	bll	PKS 2322–482
J2325.6+1650	351.423	16.833	95.151	–41.367	0.093	0.069	–32	6.8	0.4	0.1	4.2	0.8	2.10	0.13	PL	...	...	2FGL J2325.4+1650	...	bll	NVSS J232538+164641
J2327.2–4130	351.825	–41.508	347.687	–67.557	0.339	0.220	69	4.3	0.3	0.1	3.8	1.0	2.40	0.17	PL	...	...	...	...	...	...
J2327.7+0941	351.944	9.686	91.224	–47.968	0.071	0.064	37	21.5	1.3	0.1	24.0	1.4	2.68	0.05	PL	T	...	2FGL J2327.5+0940 1FGL J2327.7+0943 0FGL J2327.3+0947	...	fsrq	PKS 2325+093
J2328.4–4034	352.113	–40.580	349.458	–68.239	0.037	0.035	–56	23.9	2.0	0.1	24.2	1.4	2.31	0.04	PL	T	...	2FGL J2327.9–4037 ...	...	bcu	PKS 2325–408
J2329.2+3754	352.318	37.914	105.540	–22.167	0.034	0.032	49	13.2	0.8	0.1	9.6	1.2	1.93	0.09	PL	...	...	1FHL J2329.1+3754 2FGL J2329.2+3755 1FGL J2329.2+3755	...	bll	NVSS J232914+375414
J2329.3–4955	352.331	–49.923	332.005	–62.314	0.014	0.014	–32	130.0	14.1	0.3	147.7	2.3	2.27	...	LP	T	...	1FHL J2329.2–4957 2FGL J2329.2–4956 1FGL J2329.2–4954	...	fsrq	PKS 2326–502
J2329.8+6102	352.457	61.040	113.214	–0.282	0.065	0.057	–60	5.6	0.6	0.1	6.5	1.4	2.06	0.17	PL	...	...	...	...	...	...
J2329.9–4734	352.479	–47.571	335.452	–64.084	0.096	0.079	–73	6.5	0.4	0.1	4.3	0.9	2.23	0.16	PL	...	...	2FGL J2329.7–4744	...	fsrq	PKS 2326–477

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2330.4–3726	352.608	–37.449	356.677	–70.075	0.112	0.089	10	5.9	0.3	0.1	3.7	0.7	2.32	0.15	PL	...	...	2FGL J2330.6–3723	...	bll	PKS 2327–376
J2330.5+1104	352.637	11.077	93.074	–47.051	0.128	0.116	–90	7.5	0.5	0.1	7.3	1.1	2.56	0.11	PL	...	...	2FGL J2330.2+1107	...	fsrq	4C +10.73
J2330.8–2144	352.709	–21.746	44.910	–70.908	0.056	0.047	–28	26.4	1.5	0.1	17.6	1.1	2.41	...	LP	T	...	2FGL J2330.9–2144	...	fsrq	PMN J2331–2148
																		1FGL J2331.0–2145			
J2331.9–1609	352.992	–16.157	59.643	–68.567	0.149	0.116	–17	6.3	0.4	0.1	4.1	0.8	2.17	0.13	PL	...	...	2FGL J2331.8–1607	...	...	...
J2333.0–5525	353.264	–55.426	324.196	–58.347	0.083	0.075	–23	10.7	0.5	0.1	6.1	0.7	2.22	0.09	PL	...	...	1FGL J2333.0–5535	...	...	...
J2334.1+0732	353.543	7.541	91.823	–50.604	0.101	0.078	7	11.3	0.7	0.1	10.2	1.0	2.50	0.08	PL	T	...	2FGL J2334.3+0734	...	fsrq	TXS 2331+073
																		1FGL J2334.3+0735			
J2334.4–7948	353.608	–79.804	307.106	–36.692	0.183	0.154	84	4.1	0.2	0.1	3.7	0.9	2.62	0.19	PL	...	4	...	...	...	...
J2334.8+1432	353.724	14.540	96.576	–44.380	0.034	0.031	52	19.6	1.3	0.1	15.2	1.5	1.88	0.06	PL	T	...	1FHL J2334.7+1433	...	bll	NVSS J233453+143214
																		2FGL J2334.8+1431			
																		1FGL J2334.7+1429			
J2335.1–0133	353.786	–1.552	84.160	–58.558	0.293	0.155	19	5.9	0.4	0.1	5.6	1.0	2.46	0.14	PL	...	...	...	...	fsrq	PKS 2332–017
J2335.6–2342	353.901	–23.713	40.008	–72.558	0.176	0.134	49	6.7	0.3	0.1	5.0	0.8	2.65	0.14	PL	...	...	...	...	...	...
J2336.5+2356	354.132	23.937	101.713	–35.830	0.096	0.078	37	5.9	0.3	0.1	3.7	0.8	2.13	0.18	PL	...	...	...	...	bcu	B2 2334+2356
J2336.5–4116	354.134	–41.271	345.523	–69.113	0.065	0.057	–89	16.5	1.0	0.1	11.3	1.0	2.24	0.07	PL	T	...	2FGL J2336.3–4111	...	fsrq	PKS 2333–4115
J2336.5–7620	354.133	–76.334	308.611	–39.957	0.098	0.082	26	8.1	0.5	0.1	5.9	0.8	2.33	0.11	PL	...	...	...	...	bcu	PMN J2336–7620
J2337.2–8425	354.314	–84.422	305.031	–32.401	0.086	0.071	–9	4.7	0.3	0.1	3.2	1.0	2.14	0.23	PL	...	...	...	...	...	...
J2337.5+4108	354.394	41.139	108.263	–19.620	0.141	0.110	85	4.4	0.3	0.1	3.4	0.8	2.23	0.16	PL	...	...	...	...	...	...
J2338.1–0229	354.544	–2.499	84.360	–59.767	0.067	0.055	3	19.0	1.3	0.1	18.6	1.2	2.50	0.06	PL	T	...	2FGL J2338.1–0229	...	fsrq	PKS 2335–027
																		1FGL J2338.3–0231			
J2338.7+0251	354.694	2.857	89.801	–55.271	0.197	0.160	–37	4.8	0.3	0.1	4.3	0.9	2.58	0.15	PL	...	...	...	...	...	...
J2338.7–7401	354.690	–74.020	309.582	–42.157	0.063	0.056	–4	10.3	0.5	0.1	6.3	1.0	1.89	0.11	PL	T	...	...	...	bcu	1RXS J233919.8–740439
J2339.0+2122	354.754	21.383	101.257	–38.421	0.067	0.054	49	8.4	0.5	0.1	5.7	0.9	2.18	0.12	PL	...	...	2FGL J2339.0+2125	...	bll	RX J2338.8+2124
																		1FGL J2339.0+2123			
J2339.6–0533	354.902	–5.552	81.333	–62.471	0.026	0.025	44	45.7	4.5	0.2	30.1	1.4	1.99	...	EC	...	...	1FHL J2339.8–0530	...	PSR	PSR J2339–0533
																		2FGL J2339.6–0532			
																		1FGL J2339.7–0531			
																		0FGL J2339.8–0530			
J2340.7+3847	355.188	38.797	108.145	–22.037	0.168	0.106	–32	4.2	0.3	0.1	2.9	0.8	1.92	0.27	PL	...	...	...	...	...	...
J2340.7+8016	355.199	80.271	119.845	17.825	0.023	0.022	–69	32.1	2.4	0.1	28.1	1.6	1.92	0.04	PL	...	...	1FHL J2341.3+8016	...	bll	1RXS J234051.4+801513
																		2FGL J2341.7+8016			
																		1FGL J2341.6+8015			
J2343.0–4748	355.763	–47.802	331.241	–65.394	0.131	0.111	–16	9.3	0.5	0.1	5.8	0.8	2.16	0.10	PL	...	7	2FGL J2343.3–4752	...	...	...
J2343.6+1551	355.912	15.861	100.002	–43.972	0.494	0.299	–89	4.5	0.2	0.1	4.0	0.8	2.66	0.15	PL	...	...	...	...	fsrq	MG1 J234342+1542

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta\Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.	
J2343.7+3437	355.940	34.631	107.454	-26.199	0.071	0.053	-72	6.8	0.3	0.1	3.8	0.9	1.75	0.16	PL	...	...	2FGL J2343.6+3437	...	bl	1RXS J234332.5+343957
																		1FGL J2343.6+3437				
J2344.4+0549	356.103	5.831	94.274	-53.270	0.194	0.119	-88	4.7	0.4	0.1	4.2	0.9	2.19	0.15	PL	...	...	...	...	bcu	1RXS J234354.4+054713
J2344.9-5647	356.225	-56.790	320.170	-58.056	0.154	0.115	27	6.8	0.2	0.1	4.6	0.7	2.70	0.13	PL	...	9
J2345.2-1554	356.307	-15.913	65.697	-70.986	0.015	0.015	-64	82.3	11.4	0.3	100.5	2.9	2.09	...	LP	T	...	1FHL J2345.0-1556	...	FSRQ	PMN J2345-1555	
																		2FGL J2345.0-1553				
																		0FGL J2345.5-1559				
J2346.7+0705	356.678	7.086	96.001	-52.368	0.045	0.043	63	13.8	0.9	0.1	11.8	1.5	1.78	0.09	PL	...	...	1FHL J2347.2+0707	...	bcu	TXS 2344+068
J2347.0+5142	356.764	51.708	112.889	-9.904	0.018	0.017	7	32.0	2.4	0.1	30.4	2.0	1.78	0.04	PL	T	...	1FHL J2347.0+5142	P	bl	1ES 2344+514	
																		2FGL J2347.0+5142				
																		1FGL J2347.1+5142				
J2347.9+5436	356.983	54.605	113.744	-7.129	0.069	0.063	18	4.7	0.2	0.1	3.0	0.9	1.73	0.22	PL	...	...	...	...	bcu	NVSS J234753+543627
J2348.0-1630	357.009	-16.502	65.580	-71.880	0.032	0.031	-0	26.0	2.6	0.2	29.4	1.7	2.20	0.05	PL	T	...	2FGL J2347.9-1629	...	fsrq	PKS 2347-16	
																		1FGL J2348.0-1629				
J2348.4-5100	357.100	-51.008	325.284	-63.297	0.230	0.183	85	5.9	0.3	0.1	4.0	0.7	2.31	0.14	PL	...	...	...	...	bcu	SUMSS J234852-510311
J2350.4-3004	357.606	-30.072	16.940	-76.300	0.064	0.056	-60	9.1	0.5	0.1	5.7	0.9	2.08	0.13	PL	...	...	2FGL J2350.2-3002	...	bl	NVSS J235034-300603
																		1FGL J2350.1-3005				
J2351.9-7601	357.982	-76.030	307.612	-40.553	0.098	0.077	-70	6.1	0.3	0.1	3.8	1.0	1.69	0.16	PL	...	...	2FGL J2351.6-7558	...	...	...
J2352.0+1752	358.015	17.881	103.542	-42.744	0.068	0.058	-1	8.9	0.5	0.1	5.6	0.9	2.01	0.12	PL	...	...	2FGL J2352.0+1753	...	bl	CLASS J2352+1749
																		1FGL J2352.1+1752				
J2353.3+6639	358.337	66.659	117.213	4.435	0.340	0.104	5	9.1	1.0	0.2	11.8	1.4	2.45	...	LP	...	...	2FGL J2353.3+6643c	...	...	...
J2353.3-4805	358.332	-48.084	327.451	-66.184	0.155	0.138	8	4.5	0.2	0.1	2.6	0.7	2.01	0.17	PL	...	9,12	...	...	bcu	SUMSS J235310-480558
J2353.6-3037	358.405	-30.620	14.083	-76.881	0.078	0.067	-79	8.0	0.4	0.1	5.3	0.9	2.28	0.13	PL	...	...	2FGL J2353.5-3034	...	bl	PKS 2351-309
J2353.7-3911	358.440	-39.191	344.176	-72.978	0.243	0.156	19	4.6	0.2	0.1	2.8	0.6	2.28	0.19	PL	...	...	...	...	bcu	NVSS J235342-391442
J2354.0+2722	358.502	27.373	107.569	-33.780	0.106	0.104	-36	4.2	0.2	0.1	2.6	0.7	2.15	0.21	PL	...	...	...	...	...	...
J2354.1+4605	358.539	46.091	112.672	-15.636	0.185	0.162	-24	6.3	0.4	0.1	5.3	0.8	2.48	0.12	PL	...	...	...	...	fsrq	4C +45.51
J2354.4-6612	358.602	-66.203	311.813	-49.931	0.133	0.110	47	6.4	0.3	0.1	4.0	0.7	2.31	0.13	PL	...	...	2FGL J2354.2-6615	...	...	...
																		1FGL J2355.9-6613				
J2354.8-5245	358.702	-52.763	321.483	-62.278	0.155	0.113	-15	5.5	0.4	0.1	4.8	1.0	2.41	0.13	PL	...	5	1FGL J2356.0-5253	...	...	...
J2355.4+6939	358.864	69.650	118.068	7.309	0.297	0.193	-27	4.3	0.4	0.1	6.9	1.6	2.54	0.14	PL	...	4	...	...	...	...
J2355.5+8154	358.890	81.900	120.868	19.253	0.275	0.189	7	5.8	0.2	0.1	5.4	0.9	2.87	0.19	PL	...	1	...	...	fsrq	S5 2353+81
J2356.0+4037	359.021	40.632	111.719	-21.031	0.058	0.052	-21	9.1	0.4	0.1	5.8	1.1	1.72	0.14	PL	...	...	2FGL J2356.1+4034	...	bl	NVSS J235612+403648
																		1FGL J2356.1+4037				
J2356.9+6812	359.239	68.215	117.892	5.878	0.164	0.116	-26	5.9	0.8	0.1	13.1	2.3	2.63	0.10	PL	...	...	...	...	...	...
J2357.3-0150	359.350	-1.844	93.540	-61.593	0.086	0.079	87	5.5	0.3	0.1	3.4	0.8	2.12	0.16	PL	...	...	...	...	bl	PKS 2354-021

Table 4—Continued

Name 3FGL	R.A.	Decl.	l	b	θ_1	θ_2	ϕ	σ	F_{35}	ΔF_{35}	S_{25}	ΔS_{25}	Γ_{25}	$\Delta \Gamma_{25}$	Mod	Var	Flags	γ -ray Assoc.	TeV	Class	ID or Assoc.
J2357.4–1716	359.360	–17.270	68.464	–74.103	0.068	0.052	–20	8.6	0.4	0.1	5.0	1.0	1.80	0.13	PL	...	...	...	...	bll	RBS 2066
J2357.8–5310	359.451	–53.178	320.217	–62.113	0.078	0.069	–54	12.3	0.8	0.1	11.8	1.2	2.46	0.07	PL	T	...	...	...	fsrq	PKS 2355–534
J2358.0–4552	359.506	–45.873	328.916	–68.467	0.174	0.125	–27	7.6	0.3	0.1	4.9	0.7	2.62	0.13	PL	...	...	...	...	fsrq	PKS 2355–461
J2358.2–1022	359.550	–10.370	83.595	–69.070	0.253	0.213	59	6.4	0.2	0.1	5.1	0.8	2.80	0.13	PL	...	...	...	...	fsrq	PKS 2355–106
J2358.3–2853	359.598	–28.891	21.283	–78.167	0.124	0.109	–39	6.2	0.3	0.1	3.9	0.7	2.41	0.16	PL	...	...	...	...	bcu	PMN J2358–2853
J2358.5+3827	359.634	38.454	111.687	–23.260	0.101	0.075	80	5.9	0.4	0.1	4.2	0.9	2.08	0.16	PL	...	...	...	...	...	...
J2358.6–1809	359.666	–18.159	66.604	–74.895	0.072	0.064	20	6.5	0.3	0.1	3.7	0.9	1.82	0.16	PL	...	...	2FGL J2358.4–1811 1FGL J2358.5–1809	...	...	...
J2358.9+3926	359.736	39.448	112.008	–22.308	0.175	0.142	10	4.7	0.3	0.1	3.9	0.9	2.21	0.18	PL	...	...	...	...	fsrq	B2 2356+39
J2359.3–3038	359.829	–30.646	12.707	–78.070	0.054	0.051	–7	11.1	0.6	0.1	6.6	0.9	2.02	0.12	PL	...	...	1FHL J2359.2–3037 2FGL J2359.0–3037 1FGL J2359.0–3035	P	bll	H 2356–309
J2359.5–2052	359.881	–20.883	57.947	–76.612	0.086	0.073	–22	6.9	0.3	0.1	3.8	0.7	2.02	0.16	PL	...	...	...	...	bll	TXS 2356–210

Note. — The definitions of the columns are provided in Table 4.

^aWithin the indicated extended source on the sky