Table 4. LAT 2-year Catalog

Name 2FGL	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.
J0000.9−0748	0.234	−7.815	88.829	−67.281	0.195	0.167	48	5.9	0.5	0.1	6.8	1.2	2.39	0.14	PL	···	···	1FGL J0000.9−0745	···	bzb	PMN J0001−0746
J0001.7−4159	0.439	−41.996	334.076	−71.997	0.122	0.115	62	5.9	0.5	0.1	5.3	1.1	2.14	0.19	PL	T	···	1FGL J0001.9−4158	···	···	···
J0002.7+6220	0.680	62.340	117.312	0.001	0.093	0.089	9	13.7	2.9	0.3	25.2	2.5	2.34	···	LP	···	···	1FGL J0003.1+6227	···	···	···
J0004.2+2208	1.056	22.137	108.732	−39.430	0.194	0.137	63	5.4	0.4	0.1	6.3	1.2	2.49	0.15	PL	···	···	1FGL J0004.3+2207	···	···	···
J0004.7−4736	1.180	−47.612	323.890	−67.571	0.112	0.096	14	12.6	0.9	0.1	13.1	1.3	2.45	0.09	PL	T	···	1FGL J0004.7−4737	···	bzq	PKS 0002−478
J0006.1+3821	1.525	38.350	113.245	−23.667	0.144	0.123	71	12.2	1.0	0.1	16.1	1.5	2.60	0.08	PL	···	···	1FGL J0005.7+3815	···	bzq	S4 0003+38
J0007.0+7303	1.774	73.055	119.665	10.465	0.010	0.010	−33	189.5	65.7	0.9	429.6	5.5	1.89	···	EC	···	···	1FGL J0007.0+7303	···	PSR	LAT PSR J0007+7303
																		0FGL J0007.4+7303			
																		EGR J0008+7308			
																		1AGL J0006+7311			
J0007.7+6825c	1.925	68.423	118.911	5.894	0.173	0.170	64	6.2	1.0	0.2	17.5	2.7	2.61	0.10	PL	···	6,10	1FGL J0005.1+6829	···	···	···
J0007.8+4713	1.974	47.230	115.304	−14.996	0.062	0.053	29	17.6	2.1	0.2	23.7	2.1	2.10	0.06	PL	···	···	···	···	bzb	MG4 J000800+4712
J0008.7−2344	2.196	−23.736	49.986	−79.795	0.189	0.161	−9	4.1	0.3	0.1	4.7	1.8	1.62	0.25	PL	···	···	···	···	bzb	RBS 0016
J0009.0+0632	2.262	6.542	104.453	−54.801	0.129	0.123	−10	5.7	0.5	0.1	6.7	1.3	2.40	0.16	PL	···	···	1FGL J0008.9+0635	···	bzb	CRATES J000903.95+062821.5
J0009.1+5030	2.291	50.506	116.089	−11.803	0.054	0.046	53	17.1	2.1	0.2	25.5	2.8	1.85	0.06	PL	T	···	1FGL J0009.1+5031	···	agu	NVSS J000922+503028
J0009.9−3206	2.484	−32.112	1.511	−79.703	0.159	0.136	−75	5.1	0.4	0.1	5.1	1.1	2.17	0.16	PL	···	1	···	···	···	···
J0010.5+6556c	2.641	65.934	118.776	3.393	0.207	0.175	59	7.7	1.0	0.2	17.6	2.3	2.37	···	LP	···	4,6,12	···	···	agu	GB6 J0011+6603
J0011.3+0054	2.828	0.904	102.317	−60.352	0.223	0.179	3	6.2	0.5	0.1	7.4	1.3	2.43	0.13	PL	T	11	1FGL J0011.1+0050	···	bzq	PMN J0011+0058
J0012.9−3954	3.246	−39.901	332.480	−74.943	0.113	0.101	83	6.2	0.5	0.1	5.9	1.2	2.16	0.16	PL	···	···	1FGL J0013.1−3952	···	bzb	PKS 0010−401
J0013.8+1907	3.464	19.126	110.786	−42.858	0.160	0.157	75	4.1	0.4	0.1	4.5	1.2	2.06	0.19	PL	T	···	···	···	bzb	GB6 J0013+1910
J0014.3−0509	3.581	−5.153	99.374	−66.312	0.169	0.149	−6	4.2	0.5	0.1	7.1	1.7	2.45	0.16	PL	···	5	···	···	···	···
J0017.4−0018	4.364	−0.302	104.617	−61.959	0.308	0.254	68	5.3	0.4	0.1	6.9	1.3	2.60	0.14	PL	···	···	1FGL J0017.7−0019	···	···	···
J0017.6−0510	4.404	−5.182	101.275	−66.621	0.072	0.069	−40	13.1	1.4	0.2	19.3	1.9	2.44	0.07	PL	T	···	1FGL J0017.4−0510	···	bzq	PMN J0017−0512
																		0FGL J0017.4−0503			
J0018.5+2945	4.633	29.760	114.457	−32.569	0.104	0.092	−39	4.6	0.2	0.1	5.2	2.2	1.24	0.28	PL	···	···	1FGL J0018.6+2945	···	bzb	RBS 0042
J0018.8−8154	4.716	−81.903	304.330	−35.137	0.148	0.121	−21	7.5	0.9	0.2	10.1	1.6	2.14	0.12	PL	T	···	···	···	agu	PMN J0019−8152
J0019.4−5645	4.857	−56.756	311.665	−59.826	0.190	0.159	−28	5.2	0.3	0.1	5.8	1.2	2.66	0.28	PL	···	···	···	···	agu	PMN J0019−5641
J0021.6−2551	5.412	−25.852	42.093	−83.215	0.089	0.071	−15	10.2	0.9	0.1	9.7	1.6	1.98	0.11	PL	T	···	1FGL J0021.7−2556	···	bzb	CRATES J002132.55−255049.3
J0022.2−1853	5.559	−18.888	82.242	−79.374	0.069	0.057	59	11.3	0.9	0.1	14.7	3.1	1.53	0.12	PL	···	···	1FGL J0022.2−1850	···	agu	1RXS J002209.2−185333
J0022.3−5141	5.596	−51.691	313.553	−64.834	0.161	0.139	53	5.2	0.4	0.1	4.9	1.1	2.22	0.17	PL	···	···	···	···	agu	1RXS J002159.2−514028
J0022.5+0607	5.643	6.124	110.019	−56.023	0.062	0.057	−56	19.3	2.2	0.2	24.7	2.2	2.09	0.06	PL	T	···	1FGL J0022.5+0607	···	bzb	PKS 0019+058
J0023.2+4454	5.818	44.905	117.704	−17.681	0.109	0.105	−84	8.0	0.7	0.1	9.2	1.3	2.36	0.12	PL	T	···	1FGL J0023.0+4453	···	bzq	B3 0020+446
J0023.5+0924	5.892	9.407	111.504	−52.846	0.137	0.135	57	8.3	0.9	0.2	10.7	1.5	2.26	0.10	PL	···	···	1FGL J0023.5+0930	···	psr	PSR J0023+09
J0023.9−7204	5.986	−72.082	305.911	−44.886	0.048	0.043	−18	29.2	4.0	0.3	24.5	1.9	2.11	···	LP	···	···	1FGL J0023.9−7204	···	glc	47 Tuc
																		0FGL J0025.1−7202			

Table 4—Continued

Name 2FGL	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.	Ref.
J0024.5+0346	6.146	3.783	110.064	−58.416	0.199	0.139	−38	4.7	0.5	0.1	5.9	1.3	2.24	0.16	PL	T	···	1FGL J0024.6+0346	···	bzq	GB6 J0024+0349	···
J0029.2−7043	7.301	−70.725	305.584	−46.288	0.167	0.155	−38	7.4	0.7	0.1	9.4	1.4	2.47	0.15	PL	···	···	···	···	bzb	PKS 0026−710	···
J0030.2−4223	7.573	−42.386	317.356	−74.145	0.085	0.077	−67	15.8	1.0	0.1	16.5	1.3	2.61	0.08	PL	T	···	1FGL J0029.9−4221	···	bzq	PKS 0027−426	···
J0030.4+0450	7.601	4.839	113.111	−57.631	0.033	0.031	52	56.8	10.0	0.4	62.5	2.2	2.04	···	EC	···	···	1FGL J0030.4+0451	···	PSR	PSR J0030+0451	···
																		0FGL J0030.3+0450				
J0031.0+0724	7.775	7.414	114.095	−55.108	0.119	0.103	87	4.4	0.3	0.1	4.0	1.3	1.89	0.27	PL	···	···	1FGL J0030.7+0724	···	···	···	···
J0032.7−5521	8.179	−55.356	308.523	−61.568	0.065	0.061	48	17.6	1.5	0.2	18.2	1.5	2.27	0.07	PL	T	···	1FGL J0032.7−5519	···	···	···	···
J0033.5−1921	8.391	−19.357	94.171	−81.213	0.036	0.035	−4	27.1	3.1	0.2	40.0	3.9	1.76	0.05	PL	···	···	1FGL J0033.5−1921	···	bzb	KUV 00311−1938	···
																		0FGL J0033.6−1921				
J0034.4−0534	8.613	−5.582	111.549	−68.078	0.069	0.064	16	20.2	2.4	0.2	16.3	1.4	2.20	···	EC	···	···	1FGL J0034.3−0534	···	PSR	PSR J0034−0534	···
J0035.2+1515	8.809	15.258	117.151	−47.431	0.065	0.058	−82	12.1	1.1	0.2	16.0	3.0	1.62	0.11	PL	···	···	1FGL J0035.1+1516	···	bzb	RX J0035.2+1515	···
J0035.8+5951	8.964	59.854	120.975	−2.959	0.041	0.040	50	15.1	2.4	0.2	28.6	3.1	1.87	0.07	PL	T	···	1FGL J0035.9+5951	···	bzb	1ES 0033+595	···
																		0FGL J0036.7+5951				
J0037.8+1238	9.473	12.645	117.778	−50.091	0.074	0.072	−10	10.9	1.1	0.2	12.8	1.6	2.22	0.10	PL	···	···	1FGL J0038.0+1236	···	bzb	NVSS J003750+123818	···
J0038.1+0015	9.542	0.265	115.751	−62.422	0.147	0.132	36	4.4	0.4	0.1	4.3	1.3	1.93	0.22	PL	···	···	···	···	bzb	BZB J0038+0013	···
J0038.3−2457	9.583	−24.963	68.538	−86.346	0.173	0.119	−9	9.8	0.8	0.1	10.6	1.3	2.39	0.11	PL	T	···	1FGL J0038.4−2504	···	bzq	PKS 0035−252	···
J0038.7−2215	9.692	−22.252	91.707	−84.339	0.160	0.118	23	4.8	0.3	0.1	4.8	1.7	1.69	0.20	PL	···	···	···	···	···	···	···
J0038.8+6259	9.720	62.997	121.508	0.160	0.094	0.084	42	5.6	1.3	0.2	14.4	2.6	2.19	0.10	PL	···	10	1FGL J0038.6+6306	···	···	···	···
J0039.1+4331	9.780	43.527	120.568	−19.288	0.118	0.088	7	4.8	0.4	0.1	4.7	1.4	1.79	0.18	PL	···	···	1FGL J0039.2+4331	···	···	···	···
J0042.5+4114	10.633	41.245	121.132	−21.596	0.215	0.176	8	5.2	0.5	0.1	6.5	1.3	2.26	0.15	PL	···	···	···	···	gal	M 31	···
J0043.7+3426	10.941	34.439	121.134	−28.406	0.064	0.059	87	16.5	1.9	0.2	21.2	2.0	2.12	0.06	PL	···	···	1FGL J0043.6+3424	···	bzq	GB6 J0043+3426	···
J0044.7−3702	11.195	−37.040	310.595	−79.989	0.166	0.141	−68	8.1	0.5	0.1	8.4	1.1	2.57	0.12	PL	T	2	···	···	agu	PKS 0042−373	···
J0045.3+2127	11.335	21.452	121.041	−41.397	0.047	0.047	55	15.2	1.5	0.2	17.1	2.1	1.95	0.09	PL	T	···	1FGL J0045.3+2127	···	bzb	GB6 J0045+2127	···
J0045.5+1218	11.396	12.312	120.683	−50.534	0.079	0.075	−82	9.7	1.0	0.2	11.2	1.7	2.07	0.11	PL	···	···	···	···	agu	GB6 J0045+1217	···
J0046.7−8416	11.693	−84.270	303.071	−32.857	0.161	0.130	40	7.6	0.7	0.1	11.0	1.5	2.53	0.11	PL	···	···	1FGL J0048.0−8412	···	bzq	PKS 0044−84	···
J0047.0−2516	11.755	−25.275	94.545	−87.899	0.190	0.138	78	6.9	0.6	0.1	7.6	1.3	2.31	0.13	PL	···	···	1FGL J0047.3−2512	P	sbg	NGC 0253	···
J0047.2+5657	11.809	56.961	122.356	−5.906	0.073	0.057	35	13.6	2.0	0.2	22.2	2.3	2.06	0.07	PL	···	···	1FGL J0046.8+5658	···	bzb	GB6 J0047+5657	···
J0047.9+2232	11.995	22.538	121.885	−40.326	0.075	0.073	−55	15.4	1.5	0.2	19.6	1.6	2.42	0.07	PL	T	···	1FGL J0048.0+2232	···	bzq	NVSS J004802+223525	···
J0048.8−6347	12.218	−63.796	303.406	−53.330	0.135	0.128	64	4.1	0.4	0.1	3.9	1.1	2.05	0.19	PL	···	···	···	···	···	···	···
J0049.7−5738	12.444	−57.646	303.369	−59.481	0.096	0.092	38	6.3	0.5	0.1	5.9	1.2	2.23	0.16	PL	···	···	1FGL J0049.8−5738	···	bzq	PKS 0047−579	···
J0050.1−0452	12.531	−4.879	122.069	−67.749	0.148	0.120	8	5.8	0.5	0.1	7.0	1.3	2.42	0.16	PL	T	···	1FGL J0050.0−0446	···	bzq	PKS 0047−051	···
J0050.2+0234	12.557	2.576	122.322	−60.294	0.157	0.134	−89	7.1	0.7	0.1	7.9	1.3	2.27	0.13	PL	···	···	1FGL J0050.2+0235	···	bzb	PKS 0047+023	···
J0050.6−0929	12.668	−9.496	122.310	−72.367	0.050	0.046	64	30.6	3.9	0.3	43.2	2.6	2.14	0.04	PL	T	···	1FGL J0050.6−0928	···	bzb	PKS 0048−09	···
																		0FGL J0050.5−0928				
J0051.0−0648	12.753	−6.808	122.627	−69.680	0.106	0.098	63	11.2	1.2	0.2	14.4	1.7	2.22	0.09	PL	T	···	1FGL J0051.1−0649	···	bzq	PKS 0048−071	···

Table 4—Continued

Name 2FGL	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.	Ref.
																		0FGL J0051.1−0647				
J0051.4−6241	12.860	−62.686	302.931	−54.442	0.052	0.049	−44	16.2	1.4	0.2	19.5	2.9	1.69	0.08	PL	···	···	1FGL J0051.4−6242	···	agu	1RXS J005117.7−624154	···
J0055.0−2454	13.757	−24.904	143.068	−87.634	0.122	0.099	14	5.1	0.4	0.1	5.7	1.7	1.76	0.17	PL	···	···	1FGL J0054.9−2455	···	agu	1RXS J005447.2−245532	···
J0056.8−2111	14.222	−21.197	135.057	−83.940	0.131	0.118	66	5.7	0.5	0.1	5.9	1.6	1.82	0.20	PL	···	2	···	···	agu	PMN J0056−2117	···
J0057.9+3311	14.480	33.185	124.493	−29.668	0.140	0.117	40	8.0	0.8	0.1	9.4	1.4	2.23	0.11	PL	T	···	1FGL J0058.0+3314	···	bzq	MG3 J005830+3311	···
J0057.9−3236	14.493	−32.607	288.837	−84.341	0.084	0.081	2	10.8	0.9	0.1	10.3	1.5	2.10	0.10	PL	···	···	1FGL J0058.4−3235	···	bzb	PKS 0055−328	···
J0059.0−7242e	14.750	−72.700	302.145	−44.417	···	···	···	14.4	3.0	0.3	34.1	3.0	2.19	0.06	PL	···	···	1FGL J0101.3−7257	···	GAL	SMC	1
J0059.2−0151	14.819	−1.852	127.512	−64.654	0.093	0.090	−60	4.6	0.2	0.1	6.3	2.8	1.15	0.36	PL	···	···	···	···	agu	1RXS J005916.3−015030	···
J0059.7−5700	14.936	−57.004	300.664	−60.087	0.208	0.169	45	8.4	0.5	0.1	10.6	1.3	2.70	0.13	PL	T	···	···	···	agu	PKS 0056−572	···
J0100.2+0746	15.063	7.776	126.744	−55.030	0.047	0.042	−74	18.4	2.0	0.2	26.7	3.5	1.71	0.07	PL	T	···	1FGL J0100.2+0747	···	bzb	GB6 J0100+0745	···
																		0FGL J0100.2+0750				
J0101.2−6425	15.312	−64.420	301.186	−52.675	0.072	0.067	−6	18.2	2.2	0.2	10.8	1.2	2.02	···	EC	···	···	1FGL J0101.0−6423	···	PSR	PSR J0101−6422	···
J0102.2+0943	15.553	9.726	127.352	−53.053	0.134	0.120	−35	5.5	0.5	0.1	6.0	1.4	2.07	0.18	PL	···	···	1FGL J0102.3+0942	···	···	···	···
J0102.3+4216	15.586	42.275	125.087	−20.551	0.142	0.122	46	10.6	0.8	0.1	13.1	1.4	2.61	0.09	PL	T	···	1FGL J0102.2+4223	···	bzq	GB6 J0102+4214	···
J0102.7+5827	15.688	58.462	124.416	−4.377	0.061	0.058	26	16.8	2.8	0.2	33.1	2.4	2.28	0.05	PL	T	···	1FGL J0102.8+5827	···	bzq	TXS 0059+581	···
J0102.9+4838	15.742	48.647	124.896	−14.181	0.068	0.059	83	13.3	2.4	0.3	13.2	2.2	2.14	···	LP	···	5	1FGL J0103.1+4840	···	psr	PSR J0103+48	···
J0103.5+5336	15.894	53.604	124.756	−9.224	0.070	0.065	−21	5.8	0.6	0.1	7.4	1.9	1.75	0.16	PL	···	···	···	···	agu	1RXS J010325.9+533721	···
J0103.8+1324	15.953	13.401	127.556	−49.360	0.155	0.112	−82	4.9	0.4	0.1	4.9	1.3	1.97	0.21	PL	···	···	···	···	···	···	···
J0105.0−2411	16.251	−24.197	169.888	−85.765	0.184	0.147	4	9.4	0.8	0.1	10.2	1.3	2.41	0.11	PL	T	···	1FGL J0104.4−2406	···	bzq	PKS 0102−245	···
J0105.3+3930	16.343	39.516	125.857	−23.276	0.108	0.107	76	7.0	0.6	0.1	7.4	1.3	2.21	0.13	PL	T	···	1FGL J0105.7+3930	···	bzb	GB6 J0105+3928	···
J0106.5+4854	16.646	48.913	125.495	−13.884	0.057	0.054	35	17.3	3.3	0.3	20.6	2.7	2.10	···	LP	···	···	1FGL J0106.7+4853	···	···	···	···
J0108.6+0135	17.174	1.591	131.850	−60.982	0.035	0.034	−43	60.5	6.4	0.3	79.7	2.5	2.41	···	LP	T	···	1FGL J0108.6+0135	···	bzq	4C +01.02	···
J0109.0+1817	17.264	18.292	128.789	−44.380	0.093	0.086	−47	5.8	0.5	0.1	5.6	1.3	1.99	0.17	PL	···	···	1FGL J0109.0+1816	···	bzb	MG1 J010908+1816	···
J0109.9+6132	17.486	61.541	125.136	−1.251	0.044	0.044	−79	32.9	5.3	0.3	69.8	2.8	2.48	···	LP	T	···	···	···	bzq	TXS 0106+612	···
J0110.3+6805	17.579	68.098	124.699	5.291	0.055	0.050	−32	11.5	1.9	0.2	21.2	2.4	2.13	0.08	PL	···	···	1FGL J0110.0+6806	···	agu	4C +67.04	···
J0112.1+2245	18.033	22.764	129.151	−39.858	0.029	0.027	−70	49.4	7.1	0.3	79.2	3.5	2.07	0.03	PL	T	···	1FGL J0112.0+2247	···	bzb	S2 0109+22	···
																		0FGL J0112.1+2247				
J0112.8+3208	18.207	32.139	128.188	−30.515	0.042	0.040	63	39.5	4.6	0.3	55.8	2.3	2.31	0.03	PL	T	···	1FGL J0112.9+3207	···	bzq	4C 31.03	···
J0113.2−3557	18.315	−35.951	276.530	−80.032	0.175	0.167	21	4.5	0.4	0.1	4.4	1.1	2.16	0.19	PL	···	···	···	···	bzq	PMN J0113−3551	···
J0113.7+4948	18.441	49.801	126.625	−12.911	0.090	0.083	2	7.4	0.9	0.2	10.2	1.7	2.26	0.12	PL	···	···	1FGL J0113.8+4945	···	bzq	S4 0110+49	···
J0114.7+1326	18.675	13.441	131.580	−49.040	0.087	0.072	74	12.2	1.2	0.2	13.8	1.6	2.19	0.09	PL	T	···	1FGL J0114.4+1327	···	bzq	GB6 J0115+1324	···
J0115.4+0358	18.875	3.967	134.430	−58.366	0.080	0.077	79	14.7	1.6	0.2	17.6	1.9	2.07	0.08	PL	···	···	1FGL J0115.7+0357	···	bzb	PMN J0115+0356	···
J0115.7+2518	18.934	25.301	129.835	−37.245	0.059	0.055	20	12.1	1.3	0.2	14.4	1.9	2.00	0.09	PL	···	···	1FGL J0115.5+2519	···	bzb	RX J0115.7+2519	···
J0116.0−1134	19.003	−11.571	144.472	−73.407	0.098	0.090	46	17.9	1.5	0.2	20.7	1.5	2.44	0.07	PL	T	···	1FGL J0115.5−1132	···	bzq	PKS 0113−118	···
J0116.6−6153	19.175	−61.887	297.749	−54.986	0.101	0.086	−74	5.5	0.3	0.1	4.5	1.6	1.63	0.24	PL	···	···	···	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0118.6−4631	19.665	−46.525	289.226	−69.872	0.134	0.109	−66	4.5	0.3	0.1	4.0	1.4	1.78	0.28	PL	···	···	···	···	···	···	···
J0118.8−2142	19.724	−21.706	173.461	−81.728	0.049	0.048	−38	40.3	4.3	0.3	44.1	2.2	2.27	···	LP	T	···	1FGL J0118.7−2137	···	bzq	PKS 0116−219	···
																		0FGL J0118.7−2139				
J0120.4−2700	20.124	−27.015	213.584	−83.531	0.031	0.030	−59	35.2	4.3	0.3	49.7	3.5	1.93	0.04	PL	T	···	1FGL J0120.5−2700	···	bzb	PKS 0118−272	···
																		0FGL J0120.5−2703				
J0122.6+3425	20.665	34.420	130.223	−28.009	0.096	0.077	−24	5.7	0.4	0.1	5.8	2.0	1.53	0.21	PL	···	2	···	···	···	···	···
J0124.5−0621	21.149	−6.364	145.208	−67.790	0.201	0.172	14	6.1	0.6	0.1	7.2	1.3	2.24	0.13	PL	···	···	1FGL J0124.6−0616	···	bzb	PMN J0124−0624	···
J0124.6−2322	21.155	−23.369	188.135	−81.611	0.113	0.109	−55	7.5	0.7	0.1	8.1	1.3	2.31	0.15	PL	···	2	···	···	···	···	···
J0127.2+0324	21.819	3.407	140.123	−58.263	0.097	0.086	23	10.4	1.0	0.1	12.2	2.2	1.84	0.11	PL	···	···	1FGL J0127.0+0322	···	···	···	···
J0128.0+6330	22.003	63.505	126.998	0.922	0.255	0.206	−66	5.0	0.9	0.2	14.7	2.8	2.57	0.13	PL	···	4,8	···	···	†	···	···
J0128.4+4431	22.117	44.530	129.852	−17.843	0.281	0.138	13	6.0	0.6	0.1	7.6	1.4	2.25	0.13	PL	T	9	1FGL J0128.6+4439	···	bzq	GB6 J0128+4439	···
J0129.4+2618	22.369	26.310	133.451	−35.784	0.333	0.195	61	4.9	0.5	0.1	7.5	1.5	2.56	0.15	PL	···	···	···	···	···	···	···
J0131.1+6121	22.785	61.356	127.673	−1.150	0.041	0.040	−77	16.1	2.7	0.3	31.3	3.1	1.91	0.08	PL	T	···	1FGL J0131.2+6121	···	agu	1RXS J013106.4+612035	···
J0132.8−1654	23.214	−16.902	168.191	−75.988	0.070	0.063	−70	25.5	2.1	0.2	29.5	1.6	2.45	0.05	PL	T	···	1FGL J0132.6−1655	···	bzq	PKS 0130−17	···
J0133.4−4408	23.364	−44.142	279.235	−71.002	0.116	0.103	−20	5.6	0.4	0.1	5.0	1.2	2.07	0.17	PL	···	···	···	···	···	···	···
J0134.4+2636	23.621	26.616	134.731	−35.268	0.094	0.082	−69	8.0	0.9	0.2	10.2	2.0	1.86	0.12	PL	···	···	1FGL J0134.4+2632	···	agu	1RXS J013427.2+263846	···
J0136.5+3905	24.143	39.089	132.425	−22.949	0.032	0.029	−86	33.3	4.5	0.3	61.9	5.0	1.69	0.04	PL	···	···	1FGL J0136.5+3905	···	bzb	B3 0133+388	···
																		0FGL J0136.6+3903				
J0136.9+4751	24.240	47.861	130.785	−14.315	0.031	0.030	56	51.9	7.2	0.3	76.2	2.7	2.29	···	LP	T	···	1FGL J0137.0+4751	···	bzq	OC 457	···
																		0FGL J0137.1+4751				
J0137.6−2430	24.406	−24.509	201.356	−79.286	0.092	0.088	60	13.9	1.0	0.1	14.2	1.3	2.42	0.08	PL	T	···	1FGL J0137.5−2428	···	bzq	PKS 0135−247	···
J0137.7+5811	24.443	58.199	129.022	−4.124	0.100	0.089	65	7.3	1.1	0.2	13.3	2.0	2.33	0.12	PL	···	4	1FGL J0137.8+5814	···	agu	1RXS J013748.0+581422	···
J0141.5−0928	25.396	−9.481	159.140	−68.750	0.063	0.059	−58	15.8	1.6	0.2	18.2	2.0	2.03	0.07	PL	···	···	1FGL J0141.7−0929	···	bzb	PKS 0139−09	···
J0143.6−5844	25.917	−58.745	290.468	−57.102	0.064	0.056	−47	14.2	1.2	0.2	16.1	2.5	1.74	0.09	PL	···	···	1FGL J0143.9−5845	···	···	···	···
J0144.6+2704	26.156	27.079	137.286	−34.306	0.049	0.045	81	27.2	3.4	0.2	38.5	2.3	2.17	0.04	PL	T	···	1FGL J0144.6+2703	···	bzb	TXS 0141+268	···
																		0FGL J0144.5+2709				
J0145.1−2732	26.279	−27.548	218.032	−78.078	0.078	0.077	−67	28.8	2.1	0.2	33.7	1.6	2.58	0.05	PL	T	···	1FGL J0144.9−2732	···	bzq	PKS 0142−278	···
																		0FGL J0145.1−2728				
J0146.6−5206	26.674	−52.108	284.116	−62.955	0.147	0.118	−73	4.3	0.3	0.1	3.8	1.1	2.03	0.24	PL	···	···	···	···	agu	PKS 0144−522	···
J0148.6+0127	27.152	1.463	150.917	−58.268	0.107	0.099	−87	5.4	0.5	0.1	5.3	1.3	2.02	0.20	PL	···	···	···	···	agu	PMN J0148+0129	···
J0152.6+0148	28.163	1.800	152.366	−57.531	0.070	0.062	−29	8.9	0.8	0.1	9.6	2.0	1.79	0.14	PL	···	···	···	P	bzb	PMN J0152+0146	···
J0153.9+0823	28.489	8.396	148.212	−51.381	0.061	0.055	−83	15.4	1.8	0.2	21.7	2.7	1.86	0.07	PL	···	···	1FGL J0154.1+0823	···	bzb	GB6 J0154+0823	···
J0154.9+4434	28.733	44.573	134.679	−16.846	0.090	0.079	68	4.7	0.4	0.1	4.4	1.3	2.01	0.26	PL	···	···	1FGL J0155.0+4433	···	bzb	GB6 J0154+4433	···
J0156.4+3909	29.108	39.165	136.463	−21.993	0.168	0.121	−63	7.9	0.7	0.1	9.2	1.3	2.40	0.12	PL	T	···	···	···	agu	MG4 J015630+3913	···
J0156.5−2419	29.139	−24.327	205.745	−75.081	0.121	0.107	−32	5.0	0.4	0.1	4.6	1.4	1.79	0.19	PL	T	···	···	···	agu	TXS 0154−244	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0157.2−5259	29.317	−52.994	282.073	−61.386	0.101	0.090	−32	6.5	0.5	0.1	6.7	1.8	1.75	0.17	PL	···	···	1FGL J0157.0−5259	···	agu	1RXS J015658.6−530208	···
J0158.0−4609	29.500	−46.154	272.613	−66.860	0.166	0.134	48	6.8	0.5	0.1	6.8	1.1	2.36	0.14	PL	···	···	1FGL J0157.5−4613	···	bzq	PMN J0157−4614	···
J0158.3−3931	29.576	−39.530	258.918	−71.380	0.104	0.095	49	9.3	0.9	0.1	10.1	1.6	2.07	0.11	PL	···	···	1FGL J0158.0−3931	···	bzb	PMN J0158−3932	···
J0158.4+0107	29.606	1.125	155.327	−57.471	0.205	0.152	−55	4.8	0.4	0.1	5.8	1.2	2.49	0.19	PL	···	···	···	···	···	···	···
J0158.6+8558	29.671	85.967	124.201	23.262	0.180	0.154	−87	4.2	0.4	0.1	5.5	1.2	2.52	0.17	PL	···	···	···	···	···	···	···
J0159.5+1046	29.899	10.777	148.761	−48.646	0.092	0.079	−73	9.8	1.1	0.2	11.9	1.6	2.15	0.11	PL	···	···	1FGL J0159.5+1047	···	bzb	RX J0159.5+1047	···
J0159.6−2741	29.912	−27.696	219.014	−74.863	0.138	0.119	−11	7.0	0.6	0.1	6.4	1.2	2.12	0.13	PL	···	···	1FGL J0159.7−2741	···	bzb	PMN J0159−2739	···
J0200.4−4105	30.105	−41.096	261.910	−70.098	0.112	0.100	−23	4.4	0.3	0.1	4.1	1.3	1.82	0.23	PL	···	···	···	···	···	···	···
J0201.5−6626	30.392	−66.448	292.314	−49.210	0.179	0.163	−44	4.4	0.4	0.1	4.6	1.1	2.25	0.18	PL	T	2	···	···	agu	PMN J0201−6638	···
J0203.6+7235	30.922	72.592	128.345	10.484	0.078	0.072	14	7.2	1.0	0.2	11.1	1.9	2.02	0.13	PL	T	···	1FGL J0203.5+7234	···	bzb	S5 0159+723	···
J0204.0+3045	31.014	30.754	140.864	−29.576	0.170	0.163	−65	6.7	0.6	0.1	8.8	1.4	2.46	0.13	PL	···	···	1FGL J0203.5+3044	···	bzq	B2 0200+30	···
J0205.0+1514	31.256	15.235	147.988	−44.027	0.135	0.109	−15	8.6	0.8	0.1	10.2	1.4	2.28	0.11	PL	T	···	1FGL J0204.5+1516 3EG J0204+1458 EGR J0204+1505	···	agn	4C +15.05	···
J0205.3−1657	31.329	−16.965	185.993	−70.129	0.164	0.109	24	12.8	0.7	0.1	14.1	1.3	2.68	0.09	PL	T	···	1FGL J0205.0−1702 0FGL J0204.8−1704	···	bzq	PKS 0202−17	···
J0205.4+3211	31.364	32.194	140.662	−28.116	0.209	0.191	−27	6.0	0.5	0.1	8.7	1.5	2.66	0.14	PL	···	···	1FGL J0205.3+3217	···	bzq	B2 0202+31	···
J0205.8+6448	31.454	64.810	130.744	3.072	0.041	0.037	−72	27.4	5.5	0.3	53.7	2.7	2.35	···	EC	···	···	1FGL J0205.6+6449	···	PSR	PSR J0205+6449	···
J0206.5−1149	31.649	−11.829	175.642	−66.656	0.093	0.090	−86	8.2	0.7	0.1	7.4	1.3	2.09	0.14	PL	T	···	···	···	bzq	PMN J0206−1150	···
J0207.9−6832	31.985	−68.538	292.798	−47.056	0.132	0.114	−73	4.6	0.3	0.1	4.6	1.1	2.43	0.20	PL	···	···	···	···	agu	PKS 0206−688	···
J0209.5−5229	32.376	−52.500	278.342	−60.741	0.063	0.054	−56	14.1	1.5	0.2	16.7	2.2	1.91	0.09	PL	···	···	1FGL J0209.3−5229	···	bzb	1RXS J020922.2−522920	···
J0210.7−5102	32.696	−51.035	276.122	−61.763	0.046	0.043	22	35.8	3.8	0.2	49.9	2.1	2.40	0.04	PL	T	···	1FGL J0210.6−5101 0FGL J0210.8−5100 3EG J0210−5055 EGR J0210−5058	···	agu	PKS 0208−512	···
J0211.2+1050	32.806	10.837	152.595	−47.388	0.054	0.052	−81	20.3	2.6	0.2	29.2	2.2	2.17	0.05	PL	T	···	1FGL J0211.2+1049	···	bzb	MG1 J021114+1051	···
J0212.1+5318	33.039	53.305	134.938	−7.674	0.084	0.075	−84	15.1	2.6	0.3	15.0	1.6	2.07	···	LP	···	···	1FGL J0212.3+5319	···	···	···	···
J0213.1+2245	33.295	22.756	146.496	−36.348	0.080	0.077	−50	9.2	1.0	0.2	11.6	1.8	2.03	0.11	PL	···	···	1FGL J0213.2+2244	···	bzb	MG3 J021252+2246	···
J0214.5+6251c	33.637	62.853	132.251	1.495	0.134	0.119	−6	4.1	1.0	0.2	12.2	3.1	2.26	0.14	PL	···	6	···	···	†	···	···
J0216.9−6630	34.238	−66.514	290.278	−48.460	0.133	0.105	−47	7.4	0.7	0.1	7.7	1.5	1.94	0.14	PL	···	···	1FGL J0217.9−6630	···	bzb	RBS 0300	···
J0217.4+0836	34.350	8.612	156.169	−48.633	0.076	0.067	−80	13.5	1.6	0.2	17.8	2.3	1.94	0.09	PL	T	···	1FGL J0217.2+0834	···	bzb	ZS 0214+083	···
J0217.5−0813	34.382	−8.220	174.071	−62.205	0.319	0.231	18	4.1	0.4	0.1	4.6	1.1	2.27	0.19	PL	···	···	1FGL J0217.0−0829	···	bzq	PKS 0214−085	···
J0217.7+7353	34.431	73.899	128.917	12.038	0.146	0.122	60	8.5	0.7	0.2	17.1	1.9	2.82	0.11	PL	T	4	1FGL J0217.8+7353	···	bzq	S5 0212+73	···
J0217.9+0143	34.483	1.730	162.199	−54.410	0.037	0.035	21	42.3	5.7	0.3	63.7	2.9	2.15	0.03	PL	T	···	1FGL J0217.9+0144 0FGL J0217.8+0146	···	bzq	PKS 0215+015	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0218.1+4233	34.527	42.553	139.504	−17.512	0.047	0.041	−84	26.7	4.9	0.3	47.1	2.9	2.35	···	EC	T	···	1FGL J0218.1+4232	···	PSR	PSR J0218+4232	···
J0218.7+6208c	34.680	62.140	132.937	0.975	0.078	0.072	−54	10.5	2.4	0.6	38.4	4.1	2.37	···	LP	···	5,6	···	···	†	···	···
J0219.1−1725	34.780	−17.426	191.883	−67.564	0.148	0.143	−18	4.3	0.4	0.1	4.8	1.4	1.92	0.21	PL	···	···	···	···	bzb	1RXS J021905.8−172503	···
J0219.2+3641	34.812	36.688	141.927	−22.923	0.111	0.104	−71	7.1	0.8	0.1	13.3	2.2	2.61	0.12	PL	T	5	···	···	agu	MG3 J021846+3641	···
J0221.0+3555	35.267	35.930	142.600	−23.495	0.034	0.034	−33	34.7	5.3	0.3	63.2	2.8	2.28	0.04	PL	T	···	1FGL J0221.0+3555 0FGL J0220.9+3607	···	bzq	S4 0218+35	···
J0221.2+2516	35.321	25.271	147.351	−33.305	0.148	0.116	−48	4.4	0.4	0.1	5.1	1.6	1.78	0.17	PL	···	···	···	···	···	···	···
J0221.3+6025c	35.342	60.430	133.810	−0.528	0.110	0.102	27	4.6	1.2	0.3	17.3	3.7	2.45	0.11	PL	···	6	···	···	···	···	···
J0221.4+6257c	35.373	62.961	132.962	1.856	0.118	0.096	−71	9.5	2.8	0.4	21.4	3.2	2.32	···	LP	···	6	1FGL J0220.0+6257	···	†	···	···
J0222.0−1615	35.518	−16.264	190.233	−66.367	0.153	0.139	62	6.9	0.6	0.1	8.1	1.3	2.47	0.12	PL	···	···	1FGL J0222.1−1618	···	bzq	PKS 0219−164	···
J0222.6+4302	35.662	43.036	140.141	−16.767	0.014	0.014	31	95.0	25.6	0.6	257.5	9.2	1.91	···	LP	T	···	1FGL J0222.6+4302 0FGL J0222.6+4302 3EG J0222+4253 EGR J0223+4300	P	BZB	3C 66A	2
J0222.7+6820	35.699	68.345	131.229	6.957	0.081	0.077	2	5.1	0.8	0.2	8.4	1.9	2.13	0.17	PL	···	1	···	···	···	···	···
J0223.0−1118	35.761	−11.314	181.060	−63.298	0.105	0.088	−11	5.2	0.3	0.1	4.9	1.8	1.56	0.22	PL	···	···	1FGL J0223.0−1118	···	···	···	···
J0224.0+6204	36.023	62.077	133.549	1.130	0.056	0.050	−44	14.4	8.5	0.7	59.2	6.5	2.19	···	LP	···	···	1FGL J0224.0+6201c	···	···	···	···
J0225.9+6154c	36.495	61.904	133.818	1.046	0.076	0.075	84	4.9	1.9	0.5	21.1	6.0	2.14	0.15	PL	···	6	3EG J0229+6151	···	···	···	···
J0226.1+0943	36.542	9.719	158.103	−46.582	0.120	0.104	−20	6.5	0.7	0.1	7.6	1.5	2.10	0.15	PL	T	···	1FGL J0226.3+0937	···	···	···	···
J0226.5−4444	36.632	−44.734	261.977	−64.095	0.134	0.113	−3	5.6	0.4	0.1	6.0	2.1	1.57	0.27	PL	···	1	···	···	agu	RBS 0318	···
J0227.2+6029c	36.815	60.487	134.471	−0.220	0.097	0.086	79	6.1	1.6	0.3	20.8	4.0	2.38	0.11	PL	···	6	···	···	···	···	···
J0227.3+0203	36.844	2.066	165.106	−52.766	0.133	0.100	29	5.0	0.4	0.1	5.0	1.4	1.86	0.20	PL	···	···	···	···	bzb	RX J0227.2+0201	···
J0227.7+2249	36.950	22.825	150.232	−34.888	0.115	0.102	−9	6.5	0.7	0.1	8.2	1.7	2.00	0.14	PL	T	···	···	···	···	···	···
J0229.3−3644	37.343	−36.734	243.952	−67.197	0.099	0.078	38	16.2	1.2	0.1	18.2	1.4	2.53	0.07	PL	T	···	1FGL J0229.3−3644 0FGL J0229.5−3640	···	bzq	PKS 0227−369	···
J0230.8+4031	37.718	40.521	142.627	−18.517	0.099	0.088	−30	18.1	1.4	0.2	24.4	1.6	2.63	0.06	PL	T	···	1FGL J0230.8+4031	···	bzq	B3 0227+403	···
J0233.9+6238c	38.475	62.635	134.402	2.068	0.194	0.100	45	8.9	1.8	0.3	27.9	3.5	2.53	0.09	PL	···	6,9	···	···	···	···	···
J0237.1−6136	39.294	−61.615	283.165	−51.262	0.057	0.053	81	28.9	2.8	0.2	35.3	1.8	2.33	0.04	PL	T	···	1FGL J0238.3−6132	···	bzq	PKS 0235−618	3
J0237.5−3603	39.382	−36.062	241.198	−65.804	0.092	0.076	57	5.5	0.4	0.1	5.7	2.0	1.56	0.22	PL	···	8	1FGL J0237.5−3603	···	bzb	RBS 0334	···
J0237.8+2846	39.472	28.778	149.482	−28.549	0.054	0.051	28	36.5	3.8	0.3	47.6	1.9	2.44	···	LP	T	···	1FGL J0237.9+2848 0FGL J0238.4+2855	···	bzq	4C +28.07	···
J0237.9+5238	39.497	52.638	138.839	−6.912	0.116	0.096	−71	7.5	1.1	0.2	12.5	1.9	2.22	0.11	PL	···	···	···	···	···	···	···
J0238.2−3905	39.565	−39.096	248.031	−64.767	0.121	0.110	−67	5.1	0.4	0.1	5.2	1.8	1.67	0.18	PL	···	···	···	···	···	···	···
J0238.6−3117	39.657	−31.284	229.457	−66.304	0.082	0.078	−14	10.6	1.0	0.1	11.9	2.1	1.85	0.11	PL	···	···	1FGL J0238.6−3117	···	bzb	1RXS J023832.6−311658	···
J0238.7+1637	39.675	16.624	156.780	−39.096	0.020	0.020	−9	91.8	18.7	0.5	181.4	5.4	2.12	···	LP	T	···	1FGL J0238.6+1637	···	BZB	AO 0235+164	···

Table 4—Continued

Name 2FGL	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.	Ref.
																		0FGL J0238.6+1636				
																		3EG J0237+1635				
J0239.5+1324	39.887	13.413	159.241	−41.712	0.100	0.089	80	6.1	0.7	0.1	8.1	1.7	1.96	0.15	PL	···	···	1FGL J0239.5+1324	···	···	···	···
J0240.5+6113	40.130	61.225	135.677	1.082	0.013	0.013	13	134.0	47.8	0.8	499.5	6.5	2.30	···	LP	T	···	1FGL J0240.5+6113	P	HMB	LS I+61 303	···
																		0FGL J0240.3+6113				
																		EGR J0240+6112				
																		1AGL J0242+6111				
J0241.3+6548	40.335	65.808	133.878	5.300	0.079	0.063	−7	7.6	1.1	0.2	12.6	2.3	1.97	0.16	PL	···	···	···	···	···	···	···
J0242.5+0006	40.650	0.104	171.953	−51.860	0.161	0.123	8	5.6	0.5	0.1	5.7	1.2	2.15	0.17	PL	···	···	1FGL J0242.7+0007	···	sbg	NGC 1068	···
J0242.9+7118	40.726	71.313	131.689	10.361	0.091	0.088	54	5.6	0.7	0.2	8.4	1.9	1.90	0.16	PL	···	···	1FGL J0243.5+7116	···	bzb	S5 0238+711	···
J0245.1+2406	41.295	24.113	153.716	−31.873	0.148	0.130	87	11.3	1.1	0.2	17.2	1.7	2.54	0.08	PL	T	···	1FGL J0245.4+2413	···	bzq	B2 0242+23	···
J0245.9−4652	41.478	−46.871	261.871	−60.099	0.040	0.039	−70	48.2	4.5	0.3	62.0	2.1	2.43	0.03	PL	T	···	1FGL J0245.9−4652	···	bzq	PKS 0244−470	···
																		0FGL J0245.6−4656				
J0248.1+6021	42.042	60.357	136.888	0.687	0.064	0.063	−9	17.3	5.0	0.4	47.4	4.2	2.48	···	EC	T	···	1FGL J0248.3+6021	···	PSR	PSR J0248+6021	···
J0248.5+5131	42.130	51.523	140.791	−7.243	0.105	0.084	89	6.5	0.9	0.2	10.2	2.2	1.87	0.15	PL	···	···	1FGL J0248.7+5127	···	···	···	···
J0248.6+8440	42.164	84.671	125.752	22.453	0.144	0.118	13	4.8	0.4	0.1	5.1	1.5	1.78	0.18	PL	···	···	···	···	agu	NVSS J024948+843556	···
J0250.6+1713	42.662	17.222	159.437	−37.060	0.066	0.059	−9	9.1	1.0	0.2	11.6	2.2	1.84	0.17	PL	···	···	1FGL J0250.4+1715	···	bzq	NVSS J025037+171209	···
J0250.7+5631	42.691	56.525	138.875	−2.607	0.119	0.099	−89	5.5	1.1	0.2	12.4	2.4	2.25	0.13	PL	···	4	1FGL J0251.5+5634	···	agu	NVSS J025047+562935	···
J0251.0+2557	42.761	25.966	153.962	−29.603	0.163	0.150	23	4.5	0.5	0.1	6.5	1.4	2.35	0.14	PL	···	···	···	···	···	···	···
J0252.7−2218	43.195	−22.313	209.724	−62.096	0.039	0.036	60	46.0	5.0	0.3	56.1	2.4	2.33	···	LP	T	···	1FGL J0252.8−2219	···	bzq	PKS 0250−225	···
J0253.4+3218	43.360	32.313	150.902	−23.849	0.078	0.069	−80	8.5	0.9	0.2	10.7	1.9	1.92	0.12	PL	T	···	···	···	agu	MG3 J025334+3217	···
J0253.5+5107	43.391	51.122	141.682	−7.249	0.092	0.082	−67	11.3	1.8	0.2	24.2	2.3	2.44	0.07	PL	T	···	1FGL J0254.2+5107	···	bzq	NVSS J025357+510256	···
J0253.9+5908	43.476	59.135	138.078	−0.087	0.186	0.184	61	5.0	1.1	0.2	14.9	2.8	2.38	0.11	PL	···	4	···	···	···	···	···
J0257.7−1213	44.438	−12.229	192.454	−56.886	0.184	0.159	−17	6.4	0.5	0.1	7.2	1.2	2.39	0.14	PL	T	···	1FGL J0257.8−1204	···	bzq	PB 09399	···
J0257.9+2025c	44.480	20.423	159.006	−33.443	0.141	0.111	30	4.1	0.7	0.2	7.7	1.8	2.19	0.17	PL	···	6	1FGL J0258.0+2033	···	bzb	MG3 J025805+2029	···
J0259.5+0740	44.900	7.682	169.255	−43.369	0.151	0.139	−12	5.3	0.6	0.1	8.3	1.6	2.39	0.14	PL	T	···	1FGL J0259.5+0743	···	bzq	PKS 0256+075	···
J0302.7−7919	45.679	−79.325	295.811	−35.919	0.128	0.118	−76	6.6	0.6	0.1	7.3	1.4	2.20	0.13	PL	T	···	···	···	bzq	PMN J0303−7914	···
J0303.4−2407	45.868	−24.128	214.641	−60.172	0.026	0.025	−86	47.0	6.7	0.3	76.6	4.2	1.94	0.03	PL	T	···	1FGL J0303.5−2406	···	bzb	PKS 0301−243	···
																		0FGL J0303.7−2410				
J0303.5+4713	45.879	47.219	145.001	−9.914	0.063	0.059	−20	14.2	1.8	0.2	21.6	2.0	2.24	0.07	PL	T	···	1FGL J0303.1+4711	···	bzb	4C +47.08	···
J0303.5−6209	45.883	−62.161	280.233	−48.736	0.088	0.079	−67	13.6	1.1	0.1	16.1	1.5	2.48	0.08	PL	T	···	1FGL J0303.4−6209	···	bzq	PKS 0302−623	···
J0303.5+6822	45.887	68.370	134.655	8.559	0.166	0.115	−53	8.3	0.9	0.2	18.4	2.2	2.77	0.11	PL	···	4	···	···	agu	TXS 0259+681	···
J0304.5−2836	46.142	−28.606	223.680	−60.634	0.092	0.081	−45	6.0	0.4	0.1	5.5	1.9	1.62	0.21	PL	···	···	···	···	bzb	RBS 0385	···
J0305.0−1602	46.259	−16.036	200.151	−57.146	0.122	0.098	−30	5.3	0.3	0.1	5.6	2.0	1.50	0.22	PL	···	···	1FGL J0305.2−1601	···	···	···	···
J0307.4+4915	46.858	49.254	144.550	−7.825	0.073	0.063	−88	9.4	1.4	0.2	15.8	2.3	2.02	0.10	PL	···	···	1FGL J0307.5+4916	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0308.3+7442	47.080	74.709	131.734	14.227	0.061	0.059	66	15.2	2.8	0.3	11.6	1.0	2.07	···	LP	···	12	1FGL J0308.6+7442	···	psr	PSR J0308+7442	···
J0308.7+5954	47.180	59.916	139.355	1.496	0.202	0.170	65	4.4	1.0	0.2	12.0	2.6	2.23	0.13	PL	···	4	···	···	···	···	···
J0309.1+1027	47.290	10.459	169.229	−39.725	0.090	0.084	−5	10.7	1.5	0.2	17.9	2.0	2.26	0.08	PL	T	···	···	···	bzq	PKS 0306+102	···
J0309.3−0743	47.337	−7.731	188.677	−52.030	0.107	0.098	−64	4.2	0.3	0.1	5.2	2.0	1.56	0.22	PL	···	···	···	···	agu	NVSS J030943−074427	···
J0310.0−6058	47.523	−60.980	278.103	−48.925	0.088	0.086	29	13.9	1.1	0.1	17.3	1.5	2.56	0.08	PL	T	···	1FGL J0310.1−6058	···	bzq	PKS 0308−611	···
J0310.2−5013	47.570	−50.230	263.583	−54.934	0.087	0.081	23	7.3	0.6	0.1	7.4	1.9	1.74	0.15	PL	T	···	···	···	···	···	···
J0310.7+3813	47.692	38.221	150.912	−16.966	0.136	0.110	−79	5.0	0.6	0.1	6.9	1.5	2.25	0.16	PL	T	···	1FGL J0310.6+3812	···	bzq	B3 0307+380	···
J0312.5−0914	48.141	−9.250	191.452	−52.220	0.141	0.105	39	5.8	0.7	0.1	7.6	1.5	2.22	0.14	PL	···	2	···	···	···	···	···
J0312.6+0132	48.166	1.546	178.506	−45.539	0.085	0.070	43	13.2	1.5	0.2	17.4	1.7	2.26	0.08	PL	T	···	1FGL J0312.6+0131	···	bzq	PKS 0310+013	···
J0312.8+2013	48.203	20.228	162.507	−31.569	0.100	0.098	−12	4.4	0.4	0.1	5.6	1.8	1.70	0.23	PL	···	···	···	···	···	···	···
J0314.2−5106	48.565	−51.103	264.399	−53.966	0.148	0.127	−4	6.2	0.6	0.1	6.8	1.3	2.24	0.16	PL	T	···	1FGL J0315.6−5109	···	bzb	PMN J0314−5104	···
J0315.8−1024	48.969	−10.403	193.753	−52.141	0.143	0.131	−31	6.6	0.8	0.1	8.5	1.5	2.18	0.13	PL	T	···	1FGL J0315.9−1033	···	bzq	PKS 0313−107	···
J0315.8−2611	48.973	−26.185	219.636	−57.822	0.113	0.091	7	7.5	0.6	0.1	7.5	1.7	1.87	0.14	PL	···	···	1FGL J0315.9−2609	···	bzb	RBS 0405	···
J0316.1−6434	49.031	−64.568	281.500	−46.081	0.115	0.103	−35	7.9	0.7	0.1	8.1	1.5	1.98	0.15	PL	···	···	1FGL J0316.3−6438	···	···	···	···
J0316.1+0904	49.048	9.082	172.098	−39.592	0.050	0.048	78	15.9	2.3	0.2	28.2	3.4	1.81	0.07	PL	T	···	1FGL J0316.1+0904	···	bzb	GB6 J0316+0904	···
J0316.6+4119	49.169	41.322	150.179	−13.741	0.072	0.070	−65	4.4	0.9	0.2	9.8	2.6	2.10	0.19	PL	···	5	···	P	rdg	IC 310	···
J0318.0+0255	49.508	2.927	178.361	−43.617	0.131	0.100	80	6.8	0.8	0.2	9.2	1.6	2.13	0.12	PL	···	···	1FGL J0318.1+0254	···	···	···	···
J0319.6+1849	49.909	18.827	165.009	−31.679	0.063	0.054	−69	11.5	1.1	0.2	17.0	3.3	1.55	0.11	PL	T	···	1FGL J0319.7+1847	P	bzb	RBS 0413	···
J0319.8+4130	49.965	41.513	150.585	−13.254	0.017	0.017	−41	65.1	18.8	0.5	173.7	6.2	2.03	···	LP	T	···	1FGL J0319.7+4130	P	rdg	NGC 1275	···
																		0FGL J0320.0+4131				
J0322.0+2336	50.516	23.611	162.096	−27.579	0.065	0.053	27	11.4	1.4	0.2	15.8	2.0	2.09	0.12	PL	···	···	1FGL J0322.1+2336	···	bzb	MG3 J032201+2336	···
J0322.4−3717	50.600	−37.292	240.326	−56.738	0.202	0.181	−74	5.6	0.5	0.1	6.0	1.2	2.16	0.15	PL	···	···	···	···	···	···	···
J0323.6−0108	50.900	−1.150	183.955	−45.230	0.112	0.097	62	7.1	0.5	0.1	9.0	2.6	1.49	0.18	PL	···	···	1FGL J0323.7−0106	···	bzb	BZB J0323−0111	···
J0324.8+3408	51.210	34.143	155.777	−18.768	0.154	0.150	−88	10.1	0.3	0.1	14.2	1.6	2.79	···	LP	T	···	1FGL J0325.0+3403	···	sey	1H 0323+342	···
J0325.1−5635	51.295	−56.587	270.857	−49.863	0.111	0.099	47	6.8	0.6	0.1	6.6	1.2	2.19	0.16	PL	···	···	1FGL J0325.6−5626	···	agu	1RXS J032521.8−563543	···
J0325.6−1650	51.424	−16.836	204.968	−52.951	0.164	0.128	−88	6.7	0.7	0.1	7.8	1.7	1.97	0.16	PL	T	···	1FGL J0325.9−1649	···	bzb	RBS 0421	···
J0326.1+2226	51.536	22.439	163.751	−27.914	0.144	0.130	86	15.2	1.1	0.2	24.0	2.0	2.70	···	LP	T	···	1FGL J0325.9+2219	···	bzq	TXS 0322+222	···
J0326.1+0224	51.545	2.413	180.744	−42.446	0.076	0.069	−55	10.8	1.3	0.2	14.3	2.0	2.06	0.10	PL	T	···	1FGL J0326.2+0222	···	bzb	1H 0323+022	···
J0330.3+5816c	52.584	58.271	142.580	1.596	0.182	0.144	−88	6.7	0.7	0.2	15.7	2.2	2.47	···	LP	···	1,4,6,12	···	···	···	···	···
J0332.1+6309	53.031	63.156	139.955	5.726	0.097	0.074	−33	5.5	0.9	0.2	10.4	2.2	2.07	0.13	PL	···	···	1FGL J0332.0+6310	···	···	···	···
J0332.5−1118	53.132	−11.305	198.199	−49.047	0.174	0.135	82	5.1	0.5	0.1	6.0	1.2	2.41	0.15	PL	T	···	···	···	agu	NVSS J033223−111951	···
J0333.7+2918	53.431	29.308	160.486	−21.487	0.070	0.064	−49	10.5	1.5	0.2	16.8	2.4	1.92	0.10	PL	···	···	1FGL J0333.7+2919	···	agu	TXS 0330+291	···
J0334.2−4008	53.560	−40.148	244.777	−54.072	0.038	0.036	9	38.3	4.3	0.3	49.3	2.5	2.19	0.04	PL	T	···	1FGL J0334.2−4010	···	bzb	PKS 0332−403	···
																		0FGL J0334.1−4006				
J0334.3+6538	53.579	65.640	138.694	7.884	0.075	0.073	19	6.3	0.8	0.2	10.2	2.2	1.82	0.14	PL	···	···	1FGL J0334.3+6536	···	agu	TXS 0329+654	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0334.3−3728	53.585	−37.469	240.220	−54.361	0.052	0.048	−60	28.3	3.4	0.2	38.3	2.9	1.99	0.05	PL	T	···	1FGL J0334.4−3727	···	bzb	PMN J0334−3725	···
J0335.3−4501	53.846	−45.029	252.743	−52.883	0.074	0.068	−76	9.0	0.7	0.1	8.3	1.7	1.84	0.13	PL	···	···	1FGL J0335.5−4501	···	···	···	···
J0336.0+7504	54.002	75.079	133.060	15.548	0.093	0.075	−57	9.2	1.1	0.2	12.0	1.6	2.15	0.09	PL	···	···	1FGL J0334.2+7501	···	···	···	···
J0337.0+3200c	54.273	32.014	159.296	−18.918	0.203	0.182	−14	6.7	1.1	0.2	18.0	2.6	2.59	0.10	PL	···	6	···	···	···	···	···
J0338.2+1306	54.570	13.115	173.470	−32.929	0.106	0.095	8	5.8	0.6	0.2	9.6	2.7	1.54	0.17	PL	T	···	···	···	···	···	···
J0339.2−1734	54.824	−17.579	208.052	−50.226	0.092	0.082	−2	6.3	0.6	0.1	7.4	1.8	1.83	0.16	PL	···	···	1FGL J0339.1−1734	···	agn	PKS 0336−177	···
J0339.4−0144	54.871	−1.744	187.959	−42.441	0.108	0.099	21	14.0	1.3	0.2	19.3	1.6	2.48	0.07	PL	T	···	1FGL J0339.2−0143 3EG J0340−0201 EGR J0338−0203	···	bzq	PKS 0336−01	···
J0340.4+4131	55.103	41.528	153.778	−11.007	0.054	0.050	45	20.3	3.9	0.3	20.8	1.8	1.98	···	EC	···	···	1FGL J0340.4+4130	···	PSR	PSR J0340+4130	···
J0340.5+5307	55.149	53.131	146.755	−1.731	0.146	0.124	84	16.3	0.7	0.2	40.1	2.7	2.83	···	LP	···	···	1FGL J0341.5+5304	···	···	···	···
J0340.6−2113	55.152	−21.230	213.651	−51.149	0.164	0.134	1	6.7	0.5	0.1	7.5	1.3	2.43	0.14	PL	···	···	···	···	bzb	PKS 0338−214	···
J0340.7−2421	55.187	−24.353	218.508	−51.949	0.172	0.143	−45	4.2	0.4	0.1	4.7	1.2	2.23	0.21	PL	···	···	···	···	···	···	···
J0341.8+3148c	55.466	31.806	160.265	−18.443	0.130	0.099	80	7.6	1.6	0.2	19.5	2.8	2.31	0.09	PL	···	6	···	···	···	···	···
J0342.4+3859	55.603	38.986	155.682	−12.778	0.087	0.071	−64	9.3	1.1	0.2	13.7	1.8	2.31	0.10	PL	T	···	1FGL J0342.2+3859	···	bzq	GB6 J0342+3858	···
J0345.2−2356	56.317	−23.944	218.266	−50.850	0.114	0.108	−15	9.6	0.8	0.1	11.4	1.5	2.47	0.10	PL	T	···	1FGL J0345.2−2355	···	···	···	···
J0348.6−2750	57.152	−27.849	224.570	−50.920	0.123	0.099	5	8.4	0.6	0.1	8.0	1.2	2.32	0.13	PL	···	···	1FGL J0348.5−2751	···	bzq	PKS 0346−27	···
J0350.0−2104	57.518	−21.073	214.448	−48.996	0.087	0.071	14	25.0	2.2	0.2	28.4	1.7	2.47	···	LP	T	···	1FGL J0349.9−2104 0FGL J0349.8−2102	···	bzq	PKS 0347−211	···
J0353.2+5653	58.321	56.889	145.867	2.347	0.162	0.109	90	4.6	0.8	0.2	9.4	2.2	2.11	0.14	PL	···	···	1FGL J0352.8+5658	···	···	···	···
J0354.1+8010	58.540	80.169	130.405	20.067	0.081	0.068	−56	12.3	1.2	0.1	13.7	1.4	2.25	0.08	PL	T	···	1FGL J0354.6+8009	···	bzb	S5 0346+80	···
J0357.0−4950	59.257	−49.845	258.567	−48.100	0.119	0.104	−77	4.9	0.4	0.1	4.8	1.5	1.74	0.18	PL	···	···	1FGL J0357.1−4949	···	bzb	PKS 0355−500	···
J0357.8+3205	59.472	32.097	162.758	−15.999	0.037	0.036	−71	49.7	8.7	0.4	65.2	2.1	2.21	···	EC	···	···	1FGL J0357.8+3205 0FGL J0357.5+3205	···	PSR	LAT PSR J0357+3205	···
J0359.1+6003	59.775	60.055	144.408	5.259	0.110	0.097	86	8.8	1.5	0.2	18.4	2.3	2.30	0.08	PL	T	···	···	···	bzq	TXS 0354+599	···
J0359.5+5410	59.891	54.180	148.291	0.844	0.071	0.067	−46	13.5	3.8	0.4	25.8	2.6	2.25	···	LP	···	···	1FGL J0359.5+5410	···	···	···	···
J0401.6−3153	60.418	−31.890	231.371	−48.663	0.396	0.193	−84	4.5	0.3	0.1	4.9	1.1	2.52	0.22	PL	···	8,9	1FGL J0401.3−3152	···	bzq	PKS 0400−319	···
J0402.0−2616	60.500	−26.281	223.080	−47.694	0.131	0.109	−17	5.7	0.5	0.1	5.7	1.2	2.13	0.16	PL	···	···	1FGL J0402.1−2618	···	bzb	PKS 0359−264	···
J0403.9−3604	60.986	−36.070	237.722	−48.473	0.038	0.036	−33	66.5	5.6	0.3	83.4	2.2	2.51	···	LP	T	···	1FGL J0403.9−3603	···	bzq	PKS 0402−362	···
J0404.0+3843	61.019	38.724	159.136	−10.248	0.211	0.187	−36	4.5	0.7	0.2	10.7	2.1	2.56	0.15	PL	···	4	···	···	···	···	···
J0404.6+5822	61.174	58.367	146.066	4.463	0.182	0.158	−39	4.5	0.8	0.2	10.6	2.2	2.44	0.13	PL	···	4	···	···	···	···	···
J0405.8−1309	61.454	−13.165	205.833	−42.610	0.163	0.155	2	5.0	0.5	0.1	5.8	1.2	2.35	0.16	PL	···	···	1FGL J0405.6−1309	···	bzq	PKS 0403−13	···
J0407.3−3826	61.825	−38.436	241.279	−47.828	0.068	0.062	−78	21.4	2.0	0.2	25.1	1.7	2.34	0.06	PL	T	···	1FGL J0407.4−3827 0FGL J0407.6−3829	···	bzq	PKS 0405−385	···
J0407.7+0740	61.929	7.682	183.932	−31.124	0.172	0.166	59	5.9	0.7	0.2	9.9	1.7	2.44	0.14	PL	···	···	1FGL J0407.5+0749	···	bzq	TXS 0404+075	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0409.5+0509	62.388	5.157	186.614	−32.299	0.147	0.137	−81	5.4	0.6	0.1	9.5	1.8	2.54	0.14	PL	···	···	···	···	···	···	···
J0409.8−0357	62.464	−3.966	195.867	−37.367	0.101	0.095	−13	7.6	0.8	0.1	8.9	1.5	2.14	0.14	PL	T	···	1FGL J0409.9−0357	···	···	···	···
J0413.5−5332	63.384	−53.549	262.782	−44.664	0.087	0.076	72	13.9	1.1	0.1	15.3	1.4	2.41	0.09	PL	T	···	1FGL J0413.4−5334 0FGL J0412.9−5341	···	bzq	PMN J0413−5332	···
J0414.9−0855	63.732	−8.921	202.127	−38.722	0.151	0.143	10	4.1	0.3	0.1	5.8	2.6	1.41	0.43	PL	···	···	···	···	···	···	···
J0415.2+5518	63.800	55.301	149.210	3.190	0.123	0.118	4	5.4	1.1	0.2	13.2	2.5	2.29	0.13	PL	···	1	···	···	···	···	···
J0416.0−4355	64.012	−43.931	249.197	−45.921	0.200	0.155	44	5.4	0.4	0.1	5.6	1.1	2.37	0.16	PL	···	···	···	···	···	···	···
J0416.7−1849	64.193	−18.830	214.298	−42.335	0.088	0.075	−88	12.4	1.2	0.2	13.5	1.6	2.20	0.09	PL	···	···	1FGL J0416.5−1851 3EG J0412−1853 EGR J0413−1851	···	bzq	PKS 0414−189	···
J0416.8+0105	64.209	1.092	191.806	−33.166	0.078	0.071	40	6.8	0.7	0.1	7.8	1.6	1.98	0.16	PL	···	···	1FGL J0416.8+0107	P	bzb	1ES 0414+009	···
J0418.9+6636	64.747	66.603	141.529	11.559	0.094	0.075	−63	9.1	1.4	0.2	15.7	2.0	2.20	0.09	PL	···	···	···	···	···	···	···
J0420.9−3743	65.230	−37.721	240.301	−45.137	0.133	0.112	82	5.8	0.6	0.1	7.7	1.6	2.39	0.17	PL	···	···	···	···	···	···	···
J0422.1−0645	65.529	−6.757	200.791	−36.128	0.105	0.102	79	7.5	0.7	0.1	9.1	1.4	2.39	0.12	PL	T	···	1FGL J0422.0−0647	···	bzq	PMN J0422−0643	···
J0423.2−0120	65.807	−1.342	195.285	−33.147	0.033	0.031	−62	46.4	6.6	0.3	80.6	2.9	2.30	0.03	PL	T	···	1FGL J0423.2−0118 0FGL J0423.1−0112 3EG J0422−0102	···	BZQ	PKS 0420−01	···
J0423.4+5612	65.862	56.206	149.400	4.649	0.194	0.126	−56	4.5	0.6	0.2	8.4	2.4	1.70	0.29	PL	···	9	···	···	···	···	···
J0423.8+4149	65.953	41.829	159.694	−5.402	0.037	0.035	−71	17.8	2.9	0.3	36.3	3.8	1.80	0.06	PL	···	···	1FGL J0423.8+4148	···	bzb	4C +41.11	···
J0424.3−5332	66.100	−53.538	262.235	−43.099	0.170	0.124	−84	6.4	0.6	0.1	6.2	1.2	2.13	0.18	PL	···	···	···	···	agu	PMN J0425−5331	···
J0424.7+0034	66.193	0.572	193.615	−31.795	0.084	0.075	−5	15.2	1.9	0.2	22.6	2.0	2.30	0.07	PL	T	···	1FGL J0424.8+0036	···	bzb	PKS 0422+00	···
J0426.6+0509c	66.669	5.155	189.515	−28.844	0.216	0.161	−31	7.4	0.7	0.2	13.1	1.8	2.66	0.12	PL	···	6	1FGL J0427.5+0515	···	bzq	PKS 0423+051	···
J0426.7+5434	66.688	54.581	150.895	3.852	0.110	0.089	−57	17.0	3.0	0.3	34.7	2.6	2.41	···	LP	···	···	1FGL J0426.5+5437	···	···	···	···
J0427.2−6705	66.821	−67.097	279.188	−38.595	0.192	0.128	87	6.2	0.5	0.1	6.8	1.2	2.40	0.14	PL	···	···	···	···	···	···	···
J0428.0−3845	67.014	−38.762	241.837	−43.779	0.195	0.123	14	6.6	0.7	0.2	21.5	3.1	2.95	0.14	PL	···	2,5	···	···	···	···	···
J0428.6−3756	67.171	−37.933	240.701	−43.616	0.014	0.014	−66	104.7	31.1	0.7	286.0	8.3	2.04	···	LP	T	···	1FGL J0428.6−3756 0FGL J0428.7−3755	···	bzb	PKS 0426−380	···
J0430.2+3508c	67.564	35.149	165.451	−9.088	0.144	0.126	−57	7.0	1.3	0.2	16.8	2.4	2.38	0.09	PL	···	6	1FGL J0430.3+3511c	···	···	···	···
J0430.4−2507	67.605	−25.124	223.623	−41.201	0.112	0.103	38	4.5	0.4	0.1	4.5	1.2	2.20	0.19	PL	···	···	1FGL J0430.4−2509	···	bzb	PMN J0430−2507	···
J0431.5+3622	67.890	36.381	164.715	−8.059	0.147	0.105	57	4.5	0.9	0.2	9.7	2.4	2.11	0.14	PL	···	···	···	···	···	···	···
J0433.4−6029	68.363	−60.484	270.831	−40.176	0.117	0.107	−2	11.5	0.9	0.1	13.0	1.3	2.49	0.09	PL	T	···	···	···	agu	PKS 0432−606	···
J0433.5+2905	68.389	29.086	170.518	−12.622	0.042	0.041	3	21.6	4.3	0.3	47.9	3.4	2.04	0.05	PL	T	···	1FGL J0433.5+2905 3EG J0433+2908 EGR J0433+2906	···	bzb	MG2 J043337+2905	···
J0433.7+3233	68.449	32.556	167.901	−10.285	0.152	0.110	50	4.3	0.6	0.2	7.2	2.1	1.78	0.21	PL	···	2	1FGL J0433.5+3230	···	bzq	MG2 J043338+3236	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0433.9−5726	68.478	−57.442	266.943	−40.904	0.097	0.081	−88	7.3	0.6	0.1	7.1	1.8	1.75	0.16	PL	···	···	···	···	···	···	···
J0434.1−2014	68.542	−20.238	217.849	−38.940	0.171	0.129	12	7.0	0.7	0.1	8.0	1.4	2.22	0.13	PL	T	···	1FGL J0434.1−2018	···	bzb	TXS 0431−203	···
J0435.1−2341	68.775	−23.690	222.187	−39.787	0.213	0.195	−5	4.2	0.4	0.1	5.4	1.2	2.45	0.17	PL	···	···	···	···	agu	PMN J0434−2342	···
J0436.2+6759	69.065	67.985	141.635	13.720	0.122	0.109	−3	4.4	0.5	0.1	5.8	1.5	2.15	0.17	PL	···	···	···	···	agu	GB6 J0437+6757	···
J0437.3−4712	69.328	−47.207	253.333	−41.958	0.074	0.066	66	23.2	2.3	0.2	18.4	1.3	2.31	···	EC	···	···	1FGL J0437.2−4715	···	PSR	PSR J0437−4715	···
J0438.0−7331	69.515	−73.528	286.088	−35.168	0.111	0.085	22	6.1	0.4	0.1	7.4	2.4	1.44	0.20	PL	···	···	···	···	···	···	···
J0438.8−4521	69.722	−45.365	250.843	−41.781	0.097	0.085	−36	12.0	1.1	0.1	12.9	1.4	2.31	0.09	PL	T	···	···	···	agu	PKS 0437−454	···
J0439.0−1252	69.760	−12.867	209.809	−35.125	0.216	0.170	21	4.4	0.5	0.1	5.9	1.3	2.35	0.17	PL	···	···	1FGL J0438.8−1250	···	bzq	PKS 0436−129	···
J0439.8−1858	69.974	−18.982	216.920	−37.248	0.063	0.061	−28	8.3	0.6	0.1	8.0	1.8	1.79	0.15	PL	T	···	1FGL J0439.8−1857	···	···	···	···
J0440.1−3211	70.026	−32.188	233.361	−40.639	0.194	0.150	−24	4.3	0.3	0.1	5.4	2.2	1.52	0.21	PL	···	···	···	···	agu	PKS 0437−322	···
J0440.4+1433	70.104	14.562	183.324	−20.574	0.167	0.135	24	4.5	0.7	0.2	9.2	2.0	2.35	0.14	PL	···	···	···	···	agu	TXS 0437+145	···
J0440.5+2554c	70.146	25.903	174.044	−13.501	0.236	0.199	−79	4.9	1.0	0.2	13.6	2.5	2.40	0.11	PL	···	2,6	···	···	···	···	···
J0440.9+2749	70.243	27.824	172.586	−12.205	0.099	0.088	7	6.3	0.9	0.2	10.2	2.2	1.85	0.15	PL	···	···	1FGL J0440.6+2748	···	bzb	B2 0437+27B	···
J0442.7−0017	70.686	−0.293	197.212	−28.440	0.039	0.037	−47	51.3	5.9	0.3	81.6	2.5	2.44	0.03	PL	T	···	1FGL J0442.7−0019 3EG J0442−0033 EGR J0442+0027	···	bzq	PKS 0440−00	···
J0448.5−1633	72.133	−16.550	215.031	−34.456	0.064	0.062	82	9.8	0.9	0.1	10.7	1.9	1.91	0.12	PL	···	···	1FGL J0448.5−1633	···	bzb	RBS 0589	···
J0448.6−2118	72.159	−21.302	220.500	−36.085	0.247	0.171	−47	4.2	0.4	0.1	5.4	1.3	2.33	0.18	PL	···	···	···	···	bzq	PKS 0446−212	···
J0448.9+1121	72.243	11.363	187.400	−20.765	0.079	0.071	−87	26.3	3.4	0.3	42.3	2.2	2.44	···	LP	T	···	1FGL J0448.6+1118 3EG J0450+1105	···	bzq	PKS 0446+11	···
J0449.4−4350	72.371	−43.838	248.809	−39.906	0.020	0.019	84	66.5	11.4	0.4	135.6	6.1	1.86	0.02	PL	T	···	1FGL J0449.5−4350 0FGL J0449.7−4348	P	bzb	PKS 0447−439	···
J0451.8−7011	72.958	−70.199	281.815	−35.403	0.182	0.152	−54	4.5	0.6	0.1	6.8	1.6	2.19	0.14	PL	···	···	···	···	gal	LMC field[a]	···
J0453.1−2807	73.279	−28.121	229.003	−37.041	0.077	0.069	69	28.0	1.9	0.2	35.0	1.6	2.66	0.05	PL	T	···	1FGL J0453.2−2805	···	bzq	PKS 0451−28	···
J0455.8−6920	73.969	−69.349	280.692	−35.333	0.151	0.137	66	5.6	0.7	0.2	9.1	1.7	2.33	0.12	PL	···	10	···	···	gal	LMC field[a]	···
J0456.1−4613	74.041	−46.218	251.906	−38.759	0.112	0.100	45	19.5	1.4	0.2	24.2	1.5	2.62	0.06	PL	···	2	1FGL J0455.6−4618 3EG J0458−4635	···	bzq	PKS 0454−46	···
J0456.5+2658	74.126	26.972	175.461	−10.049	0.108	0.099	−24	8.5	1.5	0.2	18.4	2.4	2.34	0.08	PL	T	···	···	···	agu	MG2 J045613+2702	···
J0456.5−3132	74.140	−31.537	233.386	−37.084	0.155	0.138	16	6.3	0.5	0.1	6.4	1.1	2.42	0.14	PL	T	···	1FGL J0456.4−3132	···	bzq	PMN J0456−3135	···
J0457.0−2325	74.268	−23.427	223.727	−34.896	0.018	0.018	11	126.2	22.7	0.5	221.2	4.4	2.21	···	LP	T	···	1FGL J0457.0−2325 0FGL J0457.1−2325 3EG J0456−2338 EGR J0456−2334	···	bzq	PKS 0454−234	···
J0458.4+0654	74.602	6.904	192.758	−21.314	0.153	0.141	85	5.5	0.6	0.1	8.4	1.7	2.44	0.16	PL	T	4	1FGL J0457.9+0649	···	···	···	···
J0501.2−0155	75.319	−1.931	201.406	−25.254	0.130	0.107	33	10.2	0.9	0.1	13.6	1.5	2.52	0.10	PL	···	···	1FGL J0501.0−0200	···	bzq	S3 0458−02	···

Table 4—Continued

Name 2FGL	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.	Ref.
																		3EG J0500−0159				
J0502.5+0607	75.641	6.120	194.060	−20.862	0.217	0.189	−7	4.2	0.5	0.1	7.6	1.9	2.46	0.17	PL	···	···	3EG J0459+0544	···	bzq	PKS 0459+060	···
J0503.2+4643	75.818	46.717	160.635	3.126	0.181	0.128	48	5.8	1.1	0.2	13.7	2.4	2.33	0.10	PL	T	···	···	···	†	···	···
J0503.3+4517	75.847	45.287	161.784	2.273	0.090	0.087	6	5.9	1.1	0.2	12.6	2.7	1.85	0.14	PL	···	···	1FGL J0503.2+4526	···	agu	1RXS J050339.8+451715	···
J0505.4+0419	76.353	4.328	196.093	−21.202	0.123	0.114	−65	5.8	0.8	0.2	8.5	1.8	2.15	0.15	PL	···	5	1FGL J0505.2+0420	···	bzb	MG1 J050533+0415	···
J0505.5+0501	76.385	5.032	195.467	−20.808	0.100	0.092	37	8.9	1.3	0.2	16.4	2.4	2.35	0.10	PL	T	···	···	···	bzq	PKS 0502+049	···
J0505.8−0411	76.451	−4.199	204.206	−25.351	0.182	0.138	25	5.1	0.6	0.1	6.9	1.5	2.21	0.14	PL	···	···	1FGL J0505.8−0416	···	bzq	S3 0503−04	···
J0505.9+6116	76.490	61.274	149.063	12.115	0.089	0.087	28	5.0	0.6	0.2	7.2	1.8	1.84	0.16	PL	···	···	1FGL J0505.9+6121	···	agu	NVSS J050558+611336	···
J0506.5−0901	76.629	−9.024	209.093	−27.388	0.246	0.227	−73	4.7	0.6	0.1	6.7	1.5	2.24	0.16	PL	···	···	···	···	bzb	1WGA J0506.6−0857	···
J0506.7−5435	76.697	−54.593	262.434	−36.799	0.077	0.068	79	7.8	0.5	0.1	8.0	2.3	1.52	0.17	PL	···	···	1FGL J0506.9−5435	···	agu	1ES 0505−546	···
J0507.5−6102	76.884	−61.043	270.388	−35.994	0.092	0.087	85	14.0	1.3	0.2	16.6	1.6	2.36	0.08	PL	T	···	1FGL J0507.3−6103	···	bzq	PMN J0507−6104	···
J0508.0+6737	77.013	67.625	143.800	15.900	0.025	0.023	−69	26.2	2.4	0.2	42.3	4.6	1.49	0.07	PL	T	···	1FGL J0507.9+6738	P	bzb	1ES 0502+675	···
																		0FGL J0507.9+6739				
J0508.1−1936	77.046	−19.616	220.440	−31.206	0.199	0.166	51	4.4	0.4	0.1	5.2	1.2	2.43	0.17	PL	···	···	···	···	agu	PMN J0508−1936	···
J0509.2+1013	77.311	10.221	191.337	−17.267	0.112	0.090	−78	9.5	1.3	0.2	15.9	2.0	2.33	0.09	PL	···	···	1FGL J0509.2+1015	···	bzq	PKS 0506+101	···
J0509.4+0542	77.368	5.700	195.405	−19.623	0.040	0.035	75	30.2	4.9	0.3	54.9	3.3	2.06	0.04	PL	T	···	1FGL J0509.3+0540	···	bzb	TXS 0506+056	···
																		EGR J0509+0550				
J0509.9+1802	77.493	18.034	184.702	−12.790	0.109	0.085	−2	8.5	1.2	0.2	15.1	2.0	2.29	0.10	PL	T	···	1FGL J0510.0+1800	···	bzq	PKS 0507+17	···
J0512.9+4040	78.245	40.671	166.533	0.918	0.108	0.095	−35	5.1	0.8	0.2	9.7	2.3	1.89	0.12	PL	···	···	···	···	agu	B3 0509+406	···
J0515.0−4411	78.754	−44.199	249.585	−35.344	0.228	0.211	10	5.4	0.4	0.1	7.1	1.3	2.62	0.15	PL	···	···	1FGL J0515.6−4404	···	···	···	···
J0515.5+7355	78.887	73.928	138.525	19.758	0.147	0.124	41	4.8	0.4	0.1	5.2	1.6	1.63	0.21	PL	···	···	1FGL J0515.2+7355	···	···	···	···
J0515.9+1528	78.985	15.469	187.704	−13.035	0.059	0.054	−28	10.1	1.4	0.2	15.5	2.4	1.94	0.10	PL	···	···	1FGL J0515.9+1528	···	bzb	GB6 J0515+1527	···
J0516.5−4601	79.137	−46.020	251.836	−35.222	0.223	0.192	−72	5.0	0.4	0.1	6.1	1.3	2.47	0.18	PL	···	···	···	···	bzq	PKS 0514−459	···
J0516.7+2634	79.200	26.569	178.494	−6.631	0.116	0.109	−47	8.1	1.2	0.2	20.2	2.5	2.58	0.09	PL	···	···	···	···	···	···	···
J0516.8−6207	79.219	−62.118	271.507	−34.746	0.044	0.042	64	26.5	3.1	0.2	34.9	2.2	2.15	0.05	PL	T	···	1FGL J0516.7−6207	···	bzb	PKS 0516−621	···
																		0FGL J0516.2−6200				
																		3EG J0512−6150				
J0517.0+4532	79.251	45.544	162.993	4.350	0.151	0.106	83	5.7	1.0	0.2	10.6	2.1	2.13	0.11	PL	T	4	···	···	bzq	4C +45.08	···
J0517.5+0900	79.385	9.011	193.546	−16.184	0.118	0.096	−2	9.0	1.3	0.2	16.3	2.1	2.32	0.09	PL	···	10	1FGL J0517.6+0857	···	bzq	PMN J0517+0858	···
J0521.4−1736	80.362	−17.612	219.603	−27.552	0.170	0.146	−85	5.1	0.5	0.1	6.3	1.3	2.45	0.15	PL	···	1	···	···	bzq	CGRaBS J0521−1737	···
J0521.7+2113	80.449	21.220	183.603	−8.699	0.024	0.023	−41	39.0	9.0	0.4	103.3	5.2	1.93	0.03	PL	T	···	1FGL J0521.7+2114	P	bzb	VER J0521+211	···
J0521.9+0108	80.492	1.145	201.244	−19.238	0.201	0.114	46	4.6	0.4	0.1	6.0	2.1	1.59	0.23	PL	···	···	1FGL J0521.6+0103	···	bzq	PKS 0519+01	···
J0523.0−3628	80.769	−36.469	240.625	−32.696	0.044	0.042	−0	45.8	4.9	0.3	65.9	2.3	2.42	0.03	PL	T	···	1FGL J0522.8−3632	···	AGN	PKS 0521−36	4
J0523.3−2530	80.828	−25.503	228.228	−29.844	0.066	0.059	−42	18.5	2.0	0.2	21.8	2.0	2.12	0.07	PL	···	···	1FGL J0523.5−2529	···	···	···	···
J0524.1+2843	81.031	28.718	177.636	−4.078	0.101	0.086	−73	6.1	1.0	0.2	12.2	2.2	2.26	0.12	PL	···	···	1FGL J0524.1+2842	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref
J0525.5−6011	81.394	−60.196	269.070	−33.886	0.157	0.131	−24	4.9	0.4	0.1	5.2	1.4	1.90	0.19	PL	···	···	···	···	···	···	···
J0526.1−4829	81.548	−48.483	254.960	−33.767	0.075	0.072	−8	12.4	1.5	0.2	17.0	1.9	2.20	0.09	PL	T	···	1FGL J0526.3−4829	···	bzq	PKS 0524−485	···
J0526.6−6825e	81.650	−68.420	278.843	−32.850	···	···	···	65.2	19.6	0.6	185.2	7.5	2.17	···	EC	T	···	···	···	GAL	LMC	5
J0526.6+2248	81.659	22.806	182.893	−6.889	0.107	0.101	55	7.1	1.0	0.3	26.3	4.0	2.88	0.16	PL	···	1	···	···	···	···	···
J0526.6+4308	81.665	43.147	165.955	4.421	0.577	0.316	50	4.4	0.8	0.2	10.2	2.1	2.38	0.12	PL	···	4,9	···	···	†	···	···
J0526.8+6326	81.718	63.437	148.556	15.326	0.171	0.131	42	4.2	0.5	0.1	5.8	1.3	2.21	0.15	PL	···	···	···	···	agu	GB6 J0526+6317	···
J0529.2+0935	82.301	9.597	194.581	−13.423	0.099	0.092	−43	6.7	0.9	0.2	12.3	2.0	2.45	0.12	PL	···	1,4	···	···	agu	GB6 J0529+0934	···
J0529.3+3821	82.349	38.353	170.242	2.200	0.124	0.116	−76	4.6	1.0	0.2	11.2	2.6	2.09	0.12	PL	···	4	···	···	···	···	···
J0530.8−0517c	82.703	−5.283	208.376	−20.325	0.276	0.202	−55	5.7	0.9	0.2	7.9	2.0	2.51	···	LP	···	1,6	···	···	bzq	PMN J0529−0519	···
J0530.8+1333	82.714	13.553	191.339	−11.018	0.096	0.084	−86	20.4	2.6	0.3	39.1	2.4	2.55	···	LP	T	···	1FGL J0531.0+1331 0FGL J0531.0+1331 3EG J0530+1323 EGR J0530+1331	···	bzq	PKS 0528+134	···
J0531.8−3831	82.951	−38.519	243.400	−31.405	0.202	0.161	−14	5.3	0.4	0.1	7.5	1.5	2.61	0.15	PL	···	2	···	···	bzq	PMN J0532−3848	···
J0531.8−8324	82.967	−83.408	295.830	−29.192	0.096	0.084	−75	10.0	1.3	0.2	14.8	1.9	2.15	0.09	PL	T	···	1FGL J0533.0−8324	···	bzq	PKS 0541−834	···
J0532.0−4826	83.011	−48.444	255.008	−32.797	0.046	0.044	90	23.1	3.0	0.2	33.8	2.4	2.13	0.05	PL	T	···	···	···	agu	PMN J0531−4827	···
J0532.5−7223	83.140	−72.393	283.379	−31.699	0.169	0.135	38	4.5	0.4	0.1	6.5	1.5	2.55	0.19	PL	···	···	···	···	agu	PMN J0533−7216	···
J0532.7+0733	83.188	7.559	196.843	−13.709	0.052	0.046	−84	26.8	4.1	0.3	50.4	2.7	2.31	0.04	PL	T	···	1FGL J0532.9+0733	···	bzq	OG 050	···
J0533.0+4823	83.261	48.394	162.131	8.206	0.059	0.057	19	19.6	2.9	0.2	35.2	2.3	2.31	0.05	PL	T	···	1FGL J0533.0+4825 3EG J0533+4751	···	bzq	TXS 0529+483	···
J0533.3−6651	83.331	−66.852	276.896	−32.427	0.234	0.200	34	5.6	0.9	0.2	10.2	1.8	2.27	0.14	PL	···	···	···	···	gal	LMC field[a]	···
J0533.9+6759	83.490	67.998	144.773	18.191	0.089	0.077	−73	11.1	1.5	0.2	8.4	1.4	2.03	···	LP	···	···	1FGL J0533.9+6758	···	···	···	···
J0534.5+2201	83.632	22.020	184.553	−5.783	0.007	0.007	−86	376.6	182.7	1.5	1891.4	16.0	2.19	···	EC	T	···	1FGL J0534.5+2200 0FGL J0534.6+2201 3EG J0534+2200 EGR J0534+2159 1AGL J0535+2205	P	PSR PWN	PSR J0534+2200 Crab	···
J0534.8−0548c	83.719	−5.812	209.363	−19.663	0.119	0.101	−20	6.0	1.6	0.3	18.8	3.3	2.22	0.12	PL	···	2,6	···	···	···	···	···
J0534.9−0450c	83.725	−4.839	208.446	−19.216	0.148	0.120	−1	4.9	1.1	0.3	12.9	2.8	2.15	0.13	PL	···	6	···	···	···	···	···
J0536.2−3348	84.056	−33.810	238.311	−29.477	0.066	0.055	11	22.1	2.1	0.2	27.2	1.7	2.39	0.06	PL	T	···	1FGL J0536.2−3348	···	···	···	···
J0537.7−5716	84.433	−57.274	265.530	−32.391	0.109	0.096	−19	4.9	0.4	0.1	5.2	1.7	1.73	0.21	PL	···	···	1FGL J0537.7−5717	···	agu	SUMSS J053748−571828	···
J0538.1+2718	84.539	27.306	180.517	−2.258	0.096	0.092	−14	5.8	1.3	0.3	15.4	2.9	2.25	0.12	PL	···	4	1FGL J0538.6+2717	···	†	···	···
J0538.5−3909	84.629	−39.152	244.429	−30.252	0.096	0.081	33	6.5	0.6	0.1	6.9	1.4	2.18	0.15	PL	···	···	1FGL J0538.4−3910	···	···	···	···
J0538.5−0534c	84.647	−5.574	209.580	−18.731	0.208	0.170	−42	9.3	0.9	0.2	19.8	2.4	2.53	···	LP	···	6,12	···	···	···	···	···
J0538.8−4405	84.706	−44.084	250.080	−31.092	0.013	0.013	−20	165.0	37.1	0.7	368.2	7.9	2.09	···	LP	T	···	1FGL J0538.8−4404	···	BZB	PKS 0537−441	···

Table 4—Continued

Name 2FGL	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.	Ref.
																		0FGL J0538.8−4403 3EG J0540−4402 EGR J0540−4358 1AGL J0538−4424				
J0539.3−0323	84.830	−3.397	207.627	−17.577	0.157	0.122	19	5.0	0.9	0.2	10.7	2.3	2.32	0.13	PL	···	···	···	···	···	···	···
J0539.3−2841	84.846	−28.697	232.936	−27.410	0.154	0.123	39	11.8	0.6	0.1	14.4	1.3	2.83	0.10	PL	T	···	1FGL J0539.1−2847	···	bzq	PKS 0537−286	···
J0540.1−7554	85.049	−75.904	287.310	−30.567	0.161	0.127	−77	4.1	0.4	0.1	5.2	1.3	2.22	0.18	PL	···	···	···	···	···	···	···
J0540.3+3549c	85.091	35.818	173.560	2.672	0.180	0.125	−45	11.4	2.7	0.4	24.7	2.5	2.32	···	LP	···	6	1FGL J0541.1+3542c	···	···	···	···
J0540.4+5822	85.107	58.382	153.938	14.243	0.061	0.059	−75	7.9	0.8	0.2	10.1	1.9	1.84	0.13	PL	···	···	···	···	agu	GB6 J0540+5823	···
J0540.4−5415	85.109	−54.253	261.979	−31.911	0.166	0.115	15	9.2	0.8	0.1	12.6	1.5	2.57	0.10	PL	T	···	···	···	bzq	PKS 0539−543	···
J0541.8−0203c	85.454	−2.061	206.690	−16.406	0.143	0.120	26	9.5	2.3	0.4	19.0	2.6	2.22	···	LP	···	6	1FGL J0541.9−0204c	···	···	···	···
J0543.2−0120c	85.811	−1.336	206.195	−15.752	0.147	0.120	2	5.5	1.4	0.3	15.5	3.1	2.19	0.11	PL	···	1,5,6	···	···	···	···	···
J0543.9−5532	85.992	−55.534	263.513	−31.472	0.042	0.038	49	17.7	1.9	0.2	25.2	3.2	1.74	0.08	PL	···	···	1FGL J0543.8−5531	···	bzb	1RXS J054357.3−553206	···
J0545.6+6018	86.411	60.314	152.502	15.744	0.073	0.069	49	7.9	0.9	0.1	9.8	1.7	1.95	0.11	PL	···	···	1FGL J0545.6+6022	···	···	···	···
J0547.1+0020c	86.800	0.335	205.149	−14.095	0.142	0.124	−2	11.3	2.0	0.3	23.0	2.4	2.40	···	LP	···	6	1FGL J0547.0+0020c	···	···	···	···
J0547.4+3722	86.870	37.381	172.969	4.705	0.143	0.124	−77	4.4	0.7	0.2	10.1	2.2	2.42	0.15	PL	···	4	···	···	···	···	···
J0547.5−0141c	86.881	−1.687	207.034	−14.970	0.296	0.191	−67	6.1	0.7	0.2	13.1	2.2	2.42	···	LP	···	1,6,12	···	···	···	···	···
J0553.9+3104	88.487	31.079	179.087	2.647	0.116	0.106	−10	11.1	2.6	0.3	13.9	1.7	2.15	···	LP	···	···	1FGL J0553.9+3105	···	†	···	···
J0555.9−4348	88.976	−43.804	250.405	−28.018	0.178	0.144	−0	5.0	0.6	0.1	6.3	1.4	2.11	0.17	PL	···	···	···	···	···	···	···
J0558.2−3837	89.558	−38.625	244.851	−26.398	0.111	0.098	−49	7.3	0.7	0.1	8.3	1.4	2.25	0.15	PL	···	···	1FGL J0557.6−3831	···	bzb	EXO 0556.4−3838	···
J0558.7−7501	89.683	−75.031	286.131	−29.532	0.135	0.098	43	6.5	0.7	0.1	8.3	1.6	2.09	0.14	PL	···	···	1FGL J0559.2−7500	···	bzb	PKS 0600−749	···
J0600.8−1949	90.216	−19.830	225.702	−19.751	0.225	0.181	−44	5.1	0.5	0.1	7.0	1.4	2.39	0.15	PL	···	···	1FGL J0600.5−2006	···	···	···	···
J0600.9+3839	90.241	38.651	173.190	7.641	0.085	0.074	58	5.1	0.7	0.2	7.4	1.9	2.04	0.21	PL	···	···	1FGL J0600.9+3838	···	···	···	···
J0601.1−7037	90.295	−70.623	281.060	−29.629	0.051	0.049	37	28.1	3.6	0.2	34.9	2.1	2.29	···	LP	T	···	1FGL J0600.7−7037	···	bzq	PKS 0601−70	···
J0602.3+5315	90.589	53.251	160.101	14.608	0.151	0.110	69	6.3	0.6	0.1	8.1	1.9	1.75	0.17	PL	···	···	···	···	agu	GB6 J0601+5315	···
J0602.7−4011	90.678	−40.184	246.776	−25.956	0.117	0.089	23	9.6	1.1	0.2	12.4	1.8	2.11	0.11	PL	···	···	1FGL J0603.0−4012	···	···	···	···
J0604.2−4817	91.054	−48.294	255.700	−27.488	0.067	0.065	56	7.7	0.7	0.1	8.2	1.9	1.82	0.15	PL	···	···	1FGL J0604.2−4817	···	agu	1ES 0602−482	···
J0605.0+0001	91.258	0.032	207.556	−10.295	0.084	0.078	−9	4.9	0.6	0.2	7.4	2.0	1.89	0.18	PL	···	···	1FGL J0605.1+0005	···	···	···	···
J0605.3+3758	91.347	37.980	174.204	8.083	0.124	0.101	1	7.6	1.4	0.2	7.1	1.4	2.12	···	LP	···	···	1FGL J0605.3+3800	···	···	···	···
J0607.4+4739	91.870	47.658	165.639	12.872	0.060	0.053	67	17.0	2.2	0.2	24.7	2.3	2.05	0.06	PL	···	···	1FGL J0607.2+4739	···	bzb	TXS 0603+476	···
J0607.5−0618c	91.881	−6.306	213.604	−12.623	0.190	0.166	−1	7.6	0.9	0.3	12.9	2.0	2.41	···	LP	···	6	1FGL J0608.1−0630c	···	···	···	···
J0608.0−1521	92.003	−15.367	222.112	−16.407	0.072	0.069	87	19.7	2.3	0.2	28.6	2.0	2.45	···	LP	T	···	1FGL J0608.0−1521	···	bzq	PMN J0608−1520	···
J0608.0−0836	92.015	−8.611	215.788	−13.522	0.068	0.062	−44	11.6	1.8	0.2	22.7	2.4	2.36	0.08	PL	T	···	1FGL J0608.2−0837	···	bzq	PKS 0605−08	···
J0608.3+2037	92.085	20.632	189.767	0.285	0.113	0.104	−71	12.5	3.3	0.5	28.9	2.8	2.28	···	LP	···	···	1FGL J0608.3+2038c	···	···	···	···
J0609.4−0248	92.375	−2.812	210.646	−10.610	0.086	0.070	12	7.9	1.0	0.2	11.9	2.5	1.79	0.15	PL	···	···	1FGL J0609.3−0244	···	···	···	···

Table 4—Continued

Name 2FGL	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.
J0609.6−1847	92.424	−18.788	225.552	−17.426	0.227	0.170	−34	4.5	0.6	0.1	6.4	1.5	2.20	0.17	PL	···	···	···	···	bzb	PMN J0610−1847
J0610.3−2059	92.584	−20.990	227.741	−18.153	0.112	0.104	15	8.6	1.1	0.2	8.2	1.7	2.23	···	EC	···	···	1FGL J0610.7−2059	···	PSR	PSR J0610−2100
J0611.0+4321	92.751	43.352	169.864	11.504	0.127	0.110	−11	4.5	0.5	0.1	6.0	1.6	1.95	0.21	PL	···	···	···	···	···	···
J0611.8−6059	92.960	−60.984	270.090	−28.227	0.142	0.122	87	5.8	0.5	0.1	6.6	1.3	2.36	0.16	PL	···	···	···	···	bzq	PKS 0609−609
J0612.8+4122	93.213	41.368	171.828	10.920	0.039	0.036	10	24.2	3.6	0.3	40.4	2.9	2.03	0.05	PL	T	···	1FGL J0612.7+4120	···	bzb	B3 0609+413
J0613.8−0200	93.457	−2.013	210.424	−9.284	0.047	0.045	45	23.0	5.0	0.3	30.7	2.3	2.06	···	EC	···	···	1FGL J0613.7−0200	···	PSR	PSR J0613−0200
																		0FGL J0613.9−0202			
J0614.1−3329	93.540	−33.484	240.486	−21.825	0.021	0.021	−30	79.9	18.3	0.5	110.9	3.3	1.86	···	EC	···	···	1FGL J0614.1−3328	···	PSR	PSR J0614−3329
																		0FGL J0614.3−3330			
																		3EG J0616−3310			
																		EGR J0615−3308			
J0616.6+2425	94.151	24.421	187.353	3.775	0.237	0.171	−76	4.1	0.9	0.2	10.9	2.6	2.27	0.13	PL	···	11	···	···	···	···
J0616.9+5701	94.241	57.028	157.401	18.057	0.055	0.053	55	11.5	1.2	0.2	13.4	2.0	1.90	0.10	PL	···	···	1FGL J0616.9+5701	···	bzb	87GB 061258.1+570222
J0617.2+2234e	94.310	22.580	189.048	3.034	···	···	···	132.9	65.1	1.0	519.4	9.2	1.97	···	LP	···	···	1FGL J0617.2+2233	E	SNR	SNR G189.1−03.0
																		0FGL J0617.4+2234			IC 443
																		3EG J0617+2238			
																		EGR J0617+2238			
																		1AGL J0617+2236			
J0617.6−1716	94.413	−17.281	224.913	−15.086	0.093	0.070	−75	10.6	1.4	0.2	15.9	2.3	1.96	0.10	PL	···	···	1FGL J0617.7−1718	···	bzb	CRATES J061733.67−171522.8
J0620.8−2556	95.224	−25.939	233.521	−17.806	0.191	0.137	14	6.4	0.7	0.1	8.3	1.5	2.16	0.13	PL	T	2	···	···	···	···
J0621.2+2508	95.315	25.139	187.213	5.045	0.111	0.103	−34	5.4	1.0	0.2	11.1	2.2	2.10	0.12	PL	···	11	1FGL J0621.5+2508	···	···	···
J0621.9+3750	95.488	37.839	175.841	10.926	0.103	0.081	68	14.7	1.8	0.2	14.5	1.4	2.33	···	LP	···	···	1FGL J0622.2+3751	···	···	···
J0622.9+3326	95.749	33.440	179.942	9.169	0.045	0.042	−2	23.4	4.0	0.3	44.4	2.9	2.13	0.04	PL	T	···	···	···	agu	B2 0619+33
J0625.2+4441	96.324	44.685	169.757	14.397	0.083	0.074	21	8.3	0.8	0.1	9.5	1.7	1.91	0.14	PL	···	···	1FGL J0625.4+4440	···	bzb	GB6 J0625+4440
J0626.8−4258	96.706	−42.971	251.055	−22.372	0.148	0.119	−18	4.7	0.4	0.1	5.9	1.8	1.70	0.20	PL	···	···	1FGL J0626.6−4254	···	···	···
J0627.1−3528	96.777	−35.479	243.445	−19.965	0.067	0.064	45	12.6	1.5	0.2	17.2	2.3	1.93	0.09	PL	···	···	1FGL J0627.3−3530	···	rdg	PKS 0625−35
J0628.9−6246	97.228	−62.771	272.363	−26.450	0.117	0.100	75	6.2	0.6	0.1	7.4	1.7	1.87	0.17	PL	···	···	···	···	agu	PKS 0628−627
J0629.3−2001	97.349	−20.030	228.679	−13.678	0.062	0.059	84	17.4	2.5	0.2	28.3	2.3	2.19	0.06	PL	T	···	1FGL J0629.6−2000	···	bzb	PKS 0627−199
J0630.9−2406	97.734	−24.108	232.678	−15.000	0.039	0.037	−81	24.2	3.4	0.3	42.0	4.0	1.79	0.06	PL	···	···	1FGL J0630.9−2406	···	bzb	TXS 0628−240
J0631.5+1035	97.883	10.595	201.248	0.456	0.048	0.044	66	19.8	5.9	0.4	38.5	3.0	2.07	···	EC	···	···	1FGL J0631.4+1037	···	PSR	PSR J0631+1036
																		0FGL J0631.8+1034			
J0631.6+0640	97.920	6.676	204.740	−1.323	0.087	0.067	71	10.6	4.2	0.5	29.6	4.1	2.15	···	LP	···	5	3EG J0631+0642	···	†	···
J0631.7+0428	97.938	4.477	206.700	−2.322	0.298	0.161	−80	10.2	3.3	0.4	26.9	3.4	2.29	···	LP	···	9	···	···	···	···
J0633.7+0633	98.432	6.556	205.081	−0.927	0.029	0.028	88	34.1	15.4	0.7	92.0	5.4	2.10	···	EC	···	···	1FGL J0633.7+0632	···	PSR	LAT PSR J0633+0632
																		0FGL J0633.5+0634			

Table 4—Continued

Name 2FGL	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.	R
																		EGR J0633+0646				
J0633.8+7132	98.472	71.548	143.185	24.267	0.254	0.218	25	4.7	0.4	0.1	6.6	1.3	2.62	0.16	PL	T	···	···	···	···	···	
J0633.9+1746	98.479	17.774	195.132	4.270	0.006	0.006	−87	791.0	729.0	3.0	4315.1	15.1	1.87	···	EC	···	10	1FGL J0633.9+1746	E	PSR	PSR J0633+1746	
																		0FGL J0634.0+1745			Geminga	
																		3EG J0633+1751				
																		EGR J0633+1750				
																		1AGL J0634+1748				
J0634.3+0356c	98.586	3.944	207.471	−1.994	0.279	0.177	−23	5.4	1.9	0.4	22.4	4.2	2.26	0.10	PL	···	5,6,9	1FGL J0634.3+0402c	···	···	···	
J0635.0−2334	98.751	−23.577	232.561	−13.935	0.152	0.120	88	4.1	0.5	0.1	5.8	1.5	2.19	0.16	PL	···	···	···	···	bzq	CGRaBS J0634−2335	
J0635.5−7516	98.889	−75.274	286.371	−27.173	0.082	0.078	33	20.9	1.7	0.2	31.0	1.8	2.65	0.06	PL	T	···	1FGL J0636.1−7521	···	bzq	PKS 0637−75	
J0636.0+0554	99.006	5.906	205.921	−0.720	0.275	0.202	66	9.0	1.4	0.3	26.4	3.2	2.47	···	LP	···	2,5,12	···	···	†	···	
J0637.0+0416c	99.262	4.271	207.490	−1.245	0.217	0.153	82	7.8	2.4	0.4	20.3	3.3	2.32	···	LP	···	6	···	···	···	···	
J0637.8+0737	99.474	7.622	204.610	0.481	0.148	0.109	3	7.2	1.0	0.3	17.7	2.8	2.47	···	LP	···	···	···	···	†	···	
J0641.1+1006c	100.294	10.104	202.773	2.337	0.165	0.115	18	9.9	1.9	0.4	23.8	3.0	2.42	···	LP	···	6	···	···	···	···	
J0641.2+7315	100.322	73.251	141.481	25.169	0.161	0.118	−45	7.8	0.7	0.1	9.1	1.3	2.40	0.12	PL	T	2	1FGL J0639.9+7325	···	···	···	
J0642.9+0319	100.733	3.325	209.004	−0.373	0.134	0.106	−58	7.7	0.6	0.2	17.8	2.3	2.46	···	LP	···	1,12	···	···	···	···	
J0643.2+0858	100.815	8.982	204.008	2.283	0.073	0.065	41	15.8	3.5	0.3	37.8	3.2	2.41	···	LP	T	···	1FGL J0643.2+0859	···	bzq	PMN J0643+0857	
																		0FGL J0643.2+0858				
J0644.2−6713	101.053	−67.220	277.532	−25.549	0.052	0.049	71	20.8	2.5	0.2	27.8	2.1	2.16	0.05	PL	T	···	···	···	agu	PKS 0644−671	
J0644.6+6034	101.170	60.575	155.067	22.598	0.107	0.087	−41	9.3	0.9	0.1	10.0	1.4	2.11	0.10	PL	···	···	1FGL J0645.5+6033	···	···	···	
J0647.7+0032	101.932	0.537	212.032	−0.580	0.141	0.121	51	9.8	1.2	0.3	19.2	2.1	2.34	···	LP	···	8,12	1FGL J0647.3+0031	···	···	···	
J0647.7−5132	101.941	−51.543	261.004	−21.465	0.161	0.123	58	4.5	0.3	0.1	4.9	2.1	1.55	0.31	PL	···	···	···	···	agu	1RXS J064710.1−513546	
J0647.8−6102	101.956	−61.035	270.942	−23.938	0.088	0.075	−7	7.1	0.8	0.1	8.6	1.5	2.19	0.13	PL	···	···	1FGL J0648.6−6052	···	agu	PMN J0647−6058	
J0648.7−1739	102.197	−17.666	228.478	−8.522	0.120	0.097	56	7.6	1.3	0.2	15.7	2.4	2.30	0.10	PL	T	···	1FGL J0648.7−1740	···	bzq	TXS 0646−176	
J0648.9+1516	102.225	15.281	198.992	6.354	0.048	0.047	−56	12.8	1.6	0.2	20.4	3.1	1.74	0.11	PL	···	···	1FGL J0648.8+1516	P	bzb	VER J0648+152	
J0649.7−3138	102.438	−31.644	241.528	−14.170	0.088	0.079	−50	6.5	0.6	0.2	8.8	2.3	1.69	0.17	PL	···	···	···	···	agu	1RXS J064933.8−313914	
J0650.4−1632	102.619	−16.548	227.642	−7.669	0.243	0.135	−60	4.4	0.9	0.2	10.9	2.4	2.30	0.12	PL	···	8,9	1FGL J0650.6−1635	···	agu	PKS 0648−16	
J0650.7+2505	102.699	25.096	190.242	11.020	0.045	0.043	19	16.9	1.8	0.2	27.2	3.9	1.59	0.08	PL	···	···	1FGL J0650.7+2503	···	bzb	1ES 0647+250	
J0653.7+2818	103.436	28.306	187.536	12.950	0.096	0.089	43	5.7	0.5	0.1	6.4	1.6	1.90	0.15	PL	···	···	···	···	···	···	
J0654.2+4514	103.568	45.244	171.199	19.363	0.048	0.045	59	28.9	3.5	0.2	41.3	2.2	2.28	0.04	PL	T	···	1FGL J0654.3+4514	···	bzq	B3 0650+453	
																		0FGL J0654.3+4513				
J0654.5+5043	103.649	50.718	165.680	21.144	0.044	0.041	5	23.7	2.8	0.2	31.1	2.4	2.04	0.05	PL	T	···	1FGL J0654.4+5042	···	bzq	GB6 J0654+5042	
																		0FGL J0654.3+5042				
J0656.2−0320	104.058	−3.340	216.451	−0.458	0.073	0.071	10	17.2	3.5	0.4	40.8	2.9	2.44	···	LP	T	···	1FGL J0656.2−0321	···	bzq	TXS 0653−033	
J0658.4+0633	104.612	6.556	207.882	4.537	0.135	0.116	26	4.4	0.7	0.2	8.0	1.8	2.31	0.15	PL	···	···	1FGL J0658.5+0641	···	···	···	

Table 4—Continued

Name 2FGL	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.	Ref
J0659.7+1417	104.933	14.294	201.051	8.267	0.112	0.104	−11	17.8	0.6	0.2	24.7	1.8	2.77	···	EC	···	···	1FGL J0659.8+1414	···	PSR	PSR J0659+1414	···
J0700.3+1710	105.077	17.181	198.480	9.648	0.181	0.139	36	6.5	0.6	0.1	9.5	1.6	2.50	0.13	PL	T	···	···	···	agu	TXS 0657+172	···
J0700.3−6611	105.089	−66.185	276.771	−23.777	0.038	0.036	8	28.5	3.9	0.3	43.9	3.0	2.01	0.04	PL	···	···	1FGL J0700.4−6611	···	bzb	PKS 0700−661	···
																		0FGL J0700.0−6611				
J0701.7−4630	105.446	−46.516	256.761	−17.650	0.115	0.096	65	14.4	1.5	0.2	15.6	1.5	2.40	···	LP	T	···	1FGL J0702.0−4628	···	bzq	PKS 0700−465	···
J0702.7−1951	105.686	−19.861	231.935	−6.525	0.100	0.089	67	5.8	1.0	0.2	11.8	2.6	1.86	0.12	PL	···	···	1FGL J0702.2−1954	···	agu	TXS 0700−197	···
J0703.1−3912	105.777	−39.210	249.813	−14.664	0.159	0.132	−32	4.5	0.5	0.1	5.9	1.6	1.97	0.16	PL	···	···	···	···	agu	NVSS J070312−391418	···
J0705.3−1043c	106.344	−10.720	224.053	−1.814	0.273	0.173	59	4.1	1.2	0.3	15.6	3.4	2.37	0.12	PL	···	4,5,6	1FGL J0705.9−1051c	···	···	···	···
J0706.5+3744	106.639	37.742	179.497	18.996	0.059	0.059	2	10.7	1.0	0.2	13.6	2.5	1.73	0.11	PL	···	···	1FGL J0706.5+3744	···	bzb	GB6 J0706+3744	···
J0706.5+7741	106.645	77.699	136.768	27.260	0.086	0.067	−12	11.7	1.0	0.1	11.5	1.5	2.00	0.08	PL	···	···	1FGL J0707.3+7742	···	agu	NVSS J070651+774137	···
J0706.7−4845	106.698	−48.759	259.276	−17.674	0.217	0.130	44	7.8	0.9	0.1	10.2	1.6	2.27	0.11	PL	···	···	1FGL J0706.3−4849	···	agu	PMN J0705−4847	···
J0708.5−1020c	107.125	−10.349	224.076	−0.962	0.181	0.167	−16	6.2	1.4	0.4	15.6	3.0	2.36	···	LP	···	4,5,6	···	···	···	···	···
J0709.0+2236	107.274	22.600	194.341	13.797	0.194	0.149	−85	5.2	0.6	0.1	6.7	1.4	2.27	0.15	PL	T	11	···	···	···	···	···
J0709.3−0256	107.342	−2.948	217.605	2.638	0.152	0.128	−84	10.5	1.3	0.3	17.9	2.0	2.49	···	LP	···	···	···	···	agu	PMN J0709−0255	···
J0710.5+5908	107.629	59.139	157.405	25.429	0.045	0.043	19	12.3	0.8	0.1	13.3	2.6	1.53	0.12	PL	···	···	1FGL J0710.6+5911	P	bzb	1H 0658+595	···
J0710.8+4733	107.702	47.562	169.758	22.782	0.190	0.137	54	9.2	0.8	0.1	12.0	1.4	2.49	0.10	PL	T	···	1FGL J0711.4+4731	···	bzb	S4 0707+47	···
J0712.9+5032	108.228	50.537	166.728	23.889	0.067	0.061	−57	15.5	1.7	0.2	19.2	2.0	2.06	0.07	PL	T	···	1FGL J0712.7+5033	···	bzb	GB6 J0712+5033	···
																		0FGL J0712.9+5034				
J0713.5−0952	108.390	−9.874	224.231	0.362	0.326	0.296	62	7.1	1.2	0.3	17.7	2.7	2.56	···	LP	···	···	1FGL J0713.7−0950	···	···	···	···
J0714.0+1933	108.512	19.565	197.678	13.610	0.043	0.041	−16	35.8	5.2	0.3	46.2	2.3	2.22	···	LP	T	···	1FGL J0714.0+1935	···	bzq	MG2 J071354+1934	···
																		0FGL J0714.2+1934				
J0718.7−4320	109.680	−43.343	254.934	−13.657	0.043	0.039	0	18.9	2.5	0.2	28.8	3.0	1.88	0.06	PL	···	···	1FGL J0718.7−4320	···	bzb	PMN J0718−4319	···
J0719.2−5000	109.806	−50.015	261.289	−16.273	0.118	0.103	83	6.3	0.7	0.1	8.6	1.6	2.21	0.13	PL	T	···	1FGL J0718.8−4958	···	···	···	···
J0719.3+3306	109.827	33.108	185.056	19.847	0.027	0.026	−27	52.0	8.3	0.4	69.8	3.3	2.06	···	LP	T	···	1FGL J0719.3+3306	···	bzq	B2 0716+33	···
																		0FGL J0719.4+3302				
J0721.2−0223	110.320	−2.395	218.487	5.532	0.143	0.100	68	4.6	0.4	0.2	6.1	2.0	1.66	0.25	PL	···	···	···	···	agu	1RXS J072114.5−022047	···
J0721.5+0404c	110.380	4.068	212.724	8.542	0.227	0.179	68	5.1	0.6	0.1	8.5	1.6	2.52	0.13	PL	T	6	1FGL J0721.4+0401	···	bzq	PMN J0721+0406	···
J0721.9+7120	110.476	71.350	143.974	28.019	0.016	0.015	28	115.2	18.3	0.4	183.4	5.3	2.08	···	LP	T	···	1FGL J0721.9+7120	P	bzb	S5 0716+71	···
																		0FGL J0722.0+7120				
																		3EG J0721+7120				
																		EGR J0723+7134				
																		1AGL J0722+7125				
J0723.9+2901	110.997	29.031	189.482	19.356	0.138	0.130	−20	8.0	0.7	0.1	9.6	1.4	2.40	0.13	PL	T	···	1FGL J0723.6+2908	···	···	···	···
J0725.3+1426	111.331	14.443	203.628	13.928	0.028	0.027	34	57.6	9.6	0.4	91.0	3.5	2.18	···	LP	T	···	···	···	BZQ	4C +14.23	8
J0725.6+2159	111.400	21.990	196.499	17.056	0.163	0.127	−45	6.6	0.5	0.1	8.8	1.4	2.59	0.14	PL	T	1,11	···	···	bzq	TXS 0723+220	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0725.8−0549	111.451	−5.821	222.059	4.935	0.105	0.087	−23	4.1	0.4	0.1	5.3	1.8	1.78	0.24	PL	···	···	···	···	···	···	···
J0726.0−0053	111.511	−0.899	217.706	7.279	0.097	0.079	39	9.2	1.1	0.2	12.9	1.7	2.27	0.10	PL	···	···	1FGL J0725.9−0053	···	agu	PKS 0723−008	···
J0727.0−4726	111.765	−47.447	259.404	−14.047	0.221	0.183	−60	7.8	1.1	0.2	13.3	1.8	2.34	0.09	PL	···	···	3EG J0724−4713	···	bzq	PMN J0726−4728	···
																		EGR J0726−4715				
J0729.9+3304	112.486	33.076	185.884	21.936	0.100	0.087	85	5.8	0.5	0.1	6.2	1.6	1.89	0.18	PL	···	···	1FGL J0730.0+3305	···	bzb	1RXS J073026.0+330727	···
J0730.2−1141	112.572	−11.696	227.773	3.130	0.019	0.019	−86	92.6	22.0	0.6	228.8	4.7	2.28	···	LP	T	···	1FGL J0730.3−1141	···	bzq	PKS 0727−11	···
																		0FGL J0730.4−1142				
J0730.6−6607	112.674	−66.118	277.667	−20.825	0.103	0.082	43	5.3	0.3	0.1	6.6	2.4	1.34	0.28	PL	···	1	···	···	agu	PMN J0730−6602	···
J0733.9+5023	113.485	50.400	167.675	27.126	0.154	0.121	−74	7.4	0.7	0.1	8.2	1.3	2.35	0.12	PL	T	···	···	···	bzq	TXS 0730+504	···
J0734.2−7706	113.571	−77.115	289.049	−24.055	0.116	0.109	−71	8.1	1.0	0.2	13.0	1.8	2.37	0.10	PL	T	···	1FGL J0734.1−7715	···	agu	PKS 0736−770	···
J0734.6−1558	113.670	−15.972	232.039	2.006	0.056	0.054	−27	26.1	5.8	0.4	53.7	2.7	2.33	···	EC	···	···	1FGL J0734.7−1557	···	PSR	LAT PSR J0734−1559	···
J0737.1−3235	114.294	−32.587	246.859	−5.562	0.141	0.125	−67	6.9	1.3	0.2	16.6	2.5	2.33	0.11	PL	T	···	1FGL J0737.4−3239	···	···	···	···
J0737.5−8246	114.385	−82.774	295.086	−25.467	0.099	0.090	−62	4.4	0.3	0.1	6.0	2.4	1.35	0.30	PL	···	···	···	···	···	···	···
J0738.0+1742	114.524	17.703	201.847	18.064	0.035	0.033	80	36.8	5.2	0.3	57.4	3.2	2.05	0.03	PL	···	···	1FGL J0738.2+1741	···	bzb	PKS 0735+17	···
																		0FGL J0738.2+1738				
																		3EG J0737+1721				
																		EGR J0737+1720				
J0739.2+0138	114.819	1.648	216.960	11.389	0.066	0.061	−63	26.2	2.5	0.2	34.3	1.8	2.48	···	LP	T	···	1FGL J0739.1+0138	···	bzq	PKS 0736+01	···
J0742.4−2821	115.624	−28.366	243.728	−2.499	0.206	0.154	41	6.4	1.6	0.3	11.8	2.1	2.26	···	EC	···	4	1FGL J0742.8−2822	···	PSR	PSR J0742−2822	···
J0742.6+5442	115.652	54.713	163.068	29.081	0.061	0.058	−74	25.1	2.5	0.2	30.8	1.8	2.31	0.05	PL	T	···	1FGL J0742.2+5443	···	bzq	GB6 J0742+5444	···
																		3EG J0743+5447				
																		EGR J0743+5438				
J0742.7−3113	115.678	−31.225	246.240	−3.872	0.188	0.155	43	5.2	1.1	0.2	12.7	2.5	2.27	0.13	PL	···	4	1FGL J0743.0−3110	···	···	···	···
J0744.1−2523	116.048	−25.399	241.341	−0.696	0.080	0.076	24	12.4	3.0	0.3	22.0	2.3	2.24	···	LP	···	···	1FGL J0744.1−2523	···	···	···	···
J0745.0+7436	116.275	74.602	140.219	29.633	0.120	0.093	24	7.9	0.6	0.1	7.7	1.6	1.80	0.14	PL	···	···	1FGL J0745.2+7438	···	bzb	MS 0737.9+7441	···
J0745.5+7910	116.399	79.178	134.995	29.143	0.125	0.115	−6	5.5	0.4	0.1	4.7	1.0	2.23	0.14	PL	···	···	···	···	···	···	···
J0745.9+8512	116.486	85.209	128.215	28.158	0.132	0.087	24	5.0	0.3	0.1	4.5	1.4	1.68	0.18	PL	···	···	···	···	···	···	···
J0746.0−0222	116.523	−2.369	221.392	11.023	0.150	0.088	−54	7.3	0.7	0.1	9.7	2.4	1.67	0.15	PL	···	···	···	···	···	···	···
J0746.5−0713	116.637	−7.217	225.768	8.800	0.151	0.139	−50	4.7	0.6	0.1	7.0	1.7	1.99	0.15	PL	···	···	1FGL J0746.5−0711	···	agu	PMN J0746−0709	···
J0746.5−4758	116.646	−47.972	261.391	−11.345	0.090	0.084	84	4.8	0.6	0.2	6.7	1.8	1.95	0.17	PL	···	···	···	···	agu	CRATES J0746−4754	···
J0746.6+2549	116.668	25.829	194.590	22.946	0.200	0.163	61	11.1	0.6	0.1	14.1	1.4	2.85	0.11	PL	T	···	1FGL J0746.6+2548	···	bzq	B2 0743+25	···
J0747.2−1654	116.806	−16.905	234.334	4.166	0.371	0.226	19	4.6	0.7	0.2	10.1	2.0	2.53	0.13	PL	···	9	···	···	agu	TXS 0745−165	···
J0747.5−3305	116.889	−33.092	248.374	−3.911	0.124	0.101	74	9.0	2.6	0.4	17.7	2.6	2.23	···	LP	···	3	1FGL J0747.4−3303	···	agu	PKS 0745−330	···
J0747.7+4501	116.949	45.029	174.130	28.406	0.301	0.224	−65	4.6	0.5	0.1	5.7	1.2	2.24	0.16	PL	···	···	···	···	···	···	···
J0748.5−2204	117.139	−22.075	238.968	1.837	0.214	0.171	−36	5.2	0.9	0.2	13.0	2.3	2.49	0.12	PL	···	4	···	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0750.6+1230	117.652	12.514	208.137	18.702	0.102	0.092	32	15.8	1.5	0.2	20.1	1.6	2.42	0.07	PL	T	···	1FGL J0750.6+1235	···	bzq	OI 280	···
J0751.1+1809	117.780	18.152	202.702	21.088	0.069	0.063	27	18.3	2.6	0.2	14.6	1.4	2.06	···	EC	···	···	1FGL J0751.1+1807	···	PSR	PSR J0751+1807	···
J0753.0+5352	118.264	53.869	164.217	30.510	0.074	0.066	−66	12.3	1.2	0.1	13.1	1.7	2.01	0.09	PL	···	···	1FGL J0752.8+5353	···	bzb	4C +54.15	···
J0753.2−1634	118.318	−16.576	234.781	5.582	0.387	0.167	−48	4.3	0.6	0.1	6.5	1.6	2.12	0.18	PL	···	9	···	···	···	···	···
J0753.2+1937	118.320	19.623	201.452	22.124	0.168	0.162	−84	4.5	0.3	0.1	7.0	1.4	2.89	0.19	PL	T	11	···	···	···	···	···
J0754.4−1147	118.603	−11.786	230.755	8.237	0.089	0.074	−2	10.2	1.4	0.2	15.9	2.3	1.98	0.09	PL	···	···	1FGL J0754.4−1147	···	bzb	TXS 0752−116	···
J0754.8+4824	118.715	48.410	170.539	30.162	0.082	0.074	−37	12.2	1.1	0.1	12.9	1.5	2.19	0.09	PL	···	···	···	···	bzb	GB1 0751+485	···
J0756.3−6433	119.077	−64.563	277.270	−17.759	0.077	0.074	−63	4.5	0.3	0.2	4.4	1.5	1.78	0.32	PL	···	···	···	···	···	···	···
J0757.1+0957	119.288	9.963	211.298	19.074	0.058	0.052	−54	18.9	2.0	0.2	23.4	1.9	2.19	0.06	PL	T	···	1FGL J0757.2+0956	···	bzb	PKS 0754+100	···
J0758.0−2615c	119.501	−26.257	243.664	1.539	0.239	0.188	−30	5.1	0.9	0.2	11.5	2.2	2.35	0.11	PL	···	1,6,9	···	···	···	···	···
J0758.8−1448	119.724	−14.808	233.943	7.648	0.156	0.124	46	5.8	0.7	0.1	8.3	1.6	2.25	0.13	PL	···	···	1FGL J0758.6−1450	···	···	···	···
J0801.5+4401	120.388	44.028	175.764	30.640	0.145	0.137	42	6.3	0.6	0.1	6.7	1.2	2.26	0.14	PL	···	···	1FGL J0800.5+4407	···	bzb	B3 0757+441	···
J0802.6−0940	120.664	−9.668	229.930	11.052	0.107	0.098	−7	5.2	0.5	0.1	5.9	1.6	1.97	0.21	PL	···	···	···	···	···	···	···
J0802.7−5615	120.692	−56.259	270.042	−13.167	0.128	0.112	56	5.3	0.7	0.2	8.8	1.7	2.25	0.13	PL	···	···	1FGL J0802.4−5622	···	···	···	···
J0803.2−0339	120.804	−3.654	224.650	14.157	0.091	0.074	39	11.5	1.2	0.2	13.8	2.0	1.97	0.10	PL	T	···	1FGL J0803.1−0339	···	···	···	···
J0805.2−0121	121.312	−1.356	222.822	15.714	0.194	0.159	−41	4.7	0.5	0.1	5.3	1.3	2.14	0.16	PL	T	···	···	···	bzq	PKS B0802−010	···
J0805.3+7535	121.342	75.588	138.881	30.788	0.057	0.049	−70	16.9	1.5	0.1	20.2	2.7	1.68	0.07	PL	T	···	1FGL J0804.7+7534	···	bzb	RX J0805.4+7534	···
J0805.5+6145	121.387	61.755	155.027	32.380	0.125	0.109	−59	18.0	1.0	0.1	20.2	1.3	2.74	0.07	PL	T	···	1FGL J0806.2+6148	···	bzq	TXS 0800+618	···
J0807.0−6511	121.774	−65.189	278.402	−17.028	0.186	0.134	65	4.4	0.2	0.1	5.8	2.5	1.10	0.41	PL	···	···	···	···	···	···	···
J0807.1−0543	121.782	−5.723	227.002	13.988	0.069	0.065	51	11.8	1.3	0.2	14.9	1.9	2.10	0.10	PL	···	···	1FGL J0807.0−0544	···	bzb	PKS 0804−05	···
J0808.2−0750	122.059	−7.850	229.037	13.160	0.021	0.020	−29	71.3	15.0	0.5	136.3	5.2	2.04	···	LP	T	···	1FGL J0808.2−0750	···	bzq	PKS 0805−07	···
J0809.8+5218	122.460	52.308	166.255	32.913	0.043	0.038	−79	22.8	2.4	0.2	27.9	2.5	1.94	0.06	PL	T	···	1FGL J0809.5+5219	P	bzb	1ES 0806+524	···
J0811.1−7527	122.791	−75.466	288.252	−21.423	0.041	0.038	30	20.7	2.7	0.2	35.5	3.9	1.71	0.06	PL	···	···	1FGL J0811.1−7527	···	bzb	PMN J0810−7530	···
J0811.4+0149	122.874	1.832	220.666	18.604	0.097	0.076	60	12.9	1.3	0.2	14.8	1.6	2.26	0.08	PL	···	···	1FGL J0811.2+0148	···	bzb	OJ 014	···
J0812.6+6511	123.153	65.184	150.898	32.918	0.144	0.113	−81	4.1	0.4	0.1	4.3	1.2	2.12	0.21	PL	···	5	···	···	···	···	···
J0814.0−1006	123.503	−10.115	231.785	13.227	0.146	0.113	−32	7.9	1.1	0.2	13.2	1.9	2.23	0.11	PL	···	···	1FGL J0814.5−1011	···	bzb	NVSS J081411−101208	···
J0814.7+6429	123.682	64.486	151.698	33.216	0.066	0.065	74	13.4	1.3	0.1	15.3	1.5	2.26	0.08	PL	T	···	1FGL J0815.0+6434	···	bzb	GB6 J0814+6431	···
J0816.4−1311	124.109	−13.190	234.789	12.123	0.038	0.036	−85	21.2	2.8	0.2	34.1	3.6	1.80	0.06	PL	T	···	1FGL J0816.4−1311	···	bzb	PMN J0816−1311	···
J0816.5+5739	124.125	57.652	159.862	33.913	0.079	0.072	−62	10.8	1.0	0.1	10.9	1.6	1.98	0.11	PL	T	···	1FGL J0816.7+5739	···	bzb	SBS 0812+578	···
J0816.7−2420	124.189	−24.347	244.332	6.140	0.107	0.093	−44	8.1	1.0	0.2	11.8	1.7	2.32	0.10	PL	T	···	···	···	agu	PMN J0816−2421	···
J0816.9+2049	124.250	20.823	202.456	27.742	0.212	0.183	−64	5.7	0.4	0.1	7.3	1.3	2.60	0.15	PL	···	···	···	···	bzb	BZB J0816+2051	···
J0817.9+3238	124.486	32.650	189.536	31.479	0.117	0.101	0	5.7	0.5	0.1	5.7	1.2	2.19	0.15	PL	···	···	···	···	bzb	RX J0817.9+3243	···
J0818.2−0935	124.559	−9.593	231.882	14.388	0.079	0.073	−81	11.7	1.5	0.2	16.9	2.1	2.04	0.09	PL	···	···	1FGL J0818.0−0938	···	bzb	TXS 0815−094	···
J0818.2+4223	124.573	42.398	178.206	33.409	0.029	0.028	56	51.0	7.2	0.3	80.9	3.2	2.14	0.03	PL	T	10	1FGL J0818.2+4222	···	bzb	S4 0814+42	···
																		0FGL J0818.3+4222				

Table 4—Continued

Name 2FGL	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.
J0819.3+2750	124.826	27.844	195.032	30.488	0.158	0.146	−76	4.5	0.4	0.1	4.3	1.1	2.26	0.22	PL	···	···	···	···	bzb	5C 07.119
J0819.6−0803	124.906	−8.056	230.706	15.478	0.153	0.122	−8	4.4	0.3	0.1	5.3	2.0	1.58	0.24	PL	···	···	···	···	bzb	RX J0819.2−0756
J0821.0−4254	125.250	−42.914	260.208	−3.565	0.099	0.078	26	4.8	1.5	0.4	17.3	4.2	1.99	0.14	PL	···	5	···	···	†	···
J0823.0−4246	125.766	−42.770	260.305	−3.173	0.085	0.073	−61	10.2	5.7	0.6	40.9	4.7	2.09	···	LP	···	3	1FGL J0823.3−4248	···	†	···
J0823.0+4041	125.767	40.687	180.394	34.053	0.116	0.097	67	7.2	0.7	0.1	8.3	1.4	2.30	0.14	PL	T	···	···	···	agu	B3 0819+408
J0823.4−4305	125.858	−43.092	260.608	−3.301	0.116	0.085	56	5.1	1.4	0.4	17.4	4.2	1.76	0.17	PL	···	5	···	···	†	···
J0824.7+3914	126.175	39.245	182.173	34.144	0.164	0.159	−10	5.5	0.4	0.1	7.2	1.3	2.64	0.17	PL	···	···	···	···	bzq	4C +39.23
J0824.9+5552	126.234	55.877	161.959	35.139	0.106	0.099	5	14.0	0.8	0.1	15.7	1.3	2.68	0.08	PL	T	···	1FGL J0825.0+5555 0FGL J0824.9+5551	···	bzq	OJ 535
J0825.9+0308	126.478	3.144	221.241	22.398	0.119	0.097	−32	7.2	0.7	0.1	7.6	1.5	1.97	0.17	PL	···	···	1FGL J0825.9+0309	···	bzb	PKS 0823+033
J0825.9−2229	126.481	−22.499	243.970	8.916	0.040	0.036	−33	30.3	4.5	0.3	50.5	3.1	2.08	0.04	PL	T	···	1FGL J0825.8−2230 0FGL J0826.0−2228	···	bzb	PKS 0823−223
J0825.9−3216	126.485	−32.275	252.042	3.329	0.124	0.101	−84	6.9	1.0	0.2	13.0	2.0	2.40	0.11	PL	T	···	1FGL J0825.9−3216	···	agu	PKS 0823−321
J0830.5+2407	127.646	24.122	200.067	31.796	0.100	0.091	−67	17.3	1.1	0.1	20.9	1.4	2.67	0.07	PL	T	···	1FGL J0830.5+2407 3EG J0829+2413 EGR J0829+2415	···	bzq	S3 0827+24
J0831.9+0429	127.987	4.486	220.719	24.357	0.038	0.037	56	38.4	5.0	0.3	46.6	2.6	2.18	···	LP	T	···	1FGL J0831.6+0429	···	bzb	PKS 0829+046
J0833.1−4511e	128.287	−45.190	263.332	−3.106	···	···	···	···	18.3	···	244.8	···	2.41	···	PL	···	5	···	···	PWN	Vela−X
J0834.3+4400	128.587	44.012	176.628	36.489	0.097	0.086	24	6.2	0.5	0.1	5.3	1.2	2.04	0.19	PL	···	···	···	···	···	···
J0834.3+4221	128.592	42.366	178.666	36.354	0.128	0.123	−45	8.0	0.7	0.1	8.8	1.3	2.33	0.13	PL	···	···	1FGL J0834.4+4221	···	bzq	OJ 451
J0835.3−4510	128.839	−45.179	263.556	−2.787	0.006	0.006	20	1027.8	1357.9	4.1	9209.4	22.7	1.97	···	EC	···	10	1FGL J0835.3−4510 0FGL J0835.4−4510 3EG J0834−4511 EGR J0834−4512 1AGL J0835−4509	E	PSR	PSR J0835−4510 Vela
J0838.8−2828	129.714	−28.476	250.599	7.816	0.100	0.077	78	8.2	1.1	0.2	12.2	2.0	2.00	0.10	PL	···	···	1FGL J0838.6−2828	···	···	···
J0839.4+1802	129.863	18.036	207.626	31.696	0.137	0.128	8	4.9	0.4	0.1	5.4	1.2	2.46	0.20	PL	T	11	···	···	bzb	TXS 0836+182
J0839.6+0059	129.900	0.998	225.085	24.362	0.105	0.093	−1	8.3	0.8	0.1	9.1	1.4	2.21	0.11	PL	T	···	1FGL J0839.5+0059	···	bzq	PKS 0837+012
J0839.7+3541	129.947	35.689	187.068	36.524	0.168	0.134	−22	5.0	0.4	0.1	5.1	1.4	1.92	0.18	PL	···	···	···	···	bzb	FIRST J083943.3+354001
J0840.7+1310	130.191	13.180	212.993	30.122	0.142	0.135	10	8.0	0.8	0.1	9.6	1.4	2.36	0.11	PL	T	···	1FGL J0840.8+1310	···	rdg	3C 207
J0841.3−3556	130.340	−35.939	256.894	3.720	0.053	0.048	45	12.2	1.7	0.2	23.6	3.7	1.66	0.09	PL	T	···	1FGL J0841.4−3558	···	···	···
J0841.6+7052	130.420	70.880	143.550	34.451	0.113	0.104	−15	16.0	0.7	0.1	21.0	1.4	2.95	0.07	PL	T	···	1FGL J0842.2+7054 3EG J0845+7049	···	bzq	4C +71.07
J0842.9−4721	130.741	−47.365	266.094	−3.070	0.120	0.116	49	12.4	1.4	0.2	42.0	3.7	2.60	···	LP	···	12	···	···	†	···
J0843.6+6715	130.903	67.259	147.746	35.612	0.108	0.087	47	7.4	0.6	0.1	6.6	1.2	2.02	0.13	PL	···	···	1FGL J0843.4+6718	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0843.9+5312	130.982	53.209	165.060	38.054	0.099	0.093	−62	6.7	0.5	0.1	6.0	1.1	2.09	0.15	PL	···	···	1FGL J0844.0+5314	···	bzb	BZB J0844+5312	···
J0844.8−5459	131.210	−54.987	272.313	−7.526	0.091	0.078	−57	10.3	1.7	0.2	18.6	2.4	2.07	0.08	PL	···	···	1FGL J0845.0−5459	···	agu	PMN J0845−5458	···
J0844.9+6214	131.230	62.249	153.753	36.902	0.180	0.155	−32	4.1	0.4	0.1	4.8	1.1	2.42	0.18	PL	···	···	···	···	···	···	···
J0846.0+2820	131.511	28.348	196.336	36.305	0.272	0.174	79	4.1	0.3	0.1	5.1	1.2	2.51	0.20	PL	···	···	···	···	···	···	···
J0846.7−4053	131.696	−40.898	261.451	1.485	0.166	0.139	−65	5.3	1.4	0.3	19.9	3.6	2.48	0.12	PL	T	1,4	···	···	···	···	···
J0847.0−2334	131.754	−23.570	247.737	12.230	0.142	0.123	69	7.6	1.0	0.2	10.9	1.7	2.19	0.11	PL	···	···	1FGL J0846.9−2334	···	agn	PMN J0847−2337	···
J0847.2+1134	131.813	11.573	215.451	30.902	0.089	0.077	75	7.8	0.5	0.1	9.3	2.6	1.48	0.16	PL	···	···	1FGL J0847.2+1134	···	bzb	RX J0847.1+1133	···
J0848.1−0703	132.028	−7.053	233.770	21.993	0.189	0.161	27	4.1	0.4	0.1	4.4	1.3	1.96	0.23	PL	···	···	···	···	bzb	TXS 0845−068	···
J0848.5−4535	132.127	−45.587	265.297	−1.216	0.111	0.100	−11	11.5	3.1	0.6	43.9	4.6	2.35	···	LP	T	···	···	E	†	···	···
J0848.7−4324	132.188	−43.407	263.632	0.192	0.152	0.112	−89	15.5	2.8	0.4	54.4	3.9	2.52	···	LP	T	1,12	···	···	···	···	···
J0849.0+0455	132.269	4.922	222.528	28.330	0.153	0.118	−27	6.1	0.6	0.1	8.1	2.3	1.68	0.19	PL	···	···	1FGL J0848.6+0504	···	bzb	TXS 0846+051	···
J0849.2+6606	132.316	66.103	148.943	36.455	0.088	0.083	−61	6.7	0.5	0.1	6.0	1.3	1.96	0.16	PL	···	···	1FGL J0849.3+6607	···	bzb	GB6 J0848+6605	···
J0849.8+4852	132.472	48.868	170.536	39.252	0.069	0.067	24	19.2	1.8	0.2	21.0	1.7	2.22	0.06	PL	T	···	1FGL J0849.9+4852	···	bzb	GB6 J0850+4855	···
J0849.9−3540	132.478	−35.669	257.761	5.247	0.093	0.081	−0	8.9	1.5	0.2	17.2	2.5	2.03	0.09	PL	T	···	1FGL J0849.6−3540	···	agu	PMN J0849−3541	···
J0850.1−4846	132.545	−48.772	267.948	−3.007	0.130	0.112	51	7.6	0.5	0.1	24.5	3.2	2.60	···	LP	···	1,4,5,12	···	···	···	···	···
J0850.2−1212	132.551	−12.216	238.658	19.535	0.044	0.040	57	33.9	4.6	0.3	42.6	2.5	2.18	···	LP	T	···	1FGL J0850.0−1213 3EG J0852−1216 EGR J0852−1224	···	bzq	BZQ J0850−1213	···
J0851.7−4635	132.941	−46.592	266.433	−1.416	0.152	0.129	40	5.5	1.7	0.5	19.4	5.3	2.06	0.22	PL	···	···	···	E	†	···	···
J0852.4−5756	133.124	−57.945	275.317	−8.535	0.089	0.086	−72	8.8	1.3	0.2	15.0	2.0	2.17	0.09	PL	T	···	···	···	agu	PMN J0852−5755	···
J0853.1−3659	133.278	−36.989	259.196	4.910	0.163	0.108	−57	4.6	0.8	0.2	9.4	2.3	1.88	0.15	PL	···	···	···	···	agu	NVSS J085310−365820	···
J0853.5−4711	133.396	−47.199	267.099	−1.566	0.130	0.108	88	7.0	2.1	0.4	24.0	5.2	2.15	0.17	PL	···	···	···	E	†	···	···
J0854.7−4501	133.695	−45.029	265.570	−0.010	0.068	0.062	34	13.6	5.3	0.5	41.3	4.7	2.25	···	LP	T	···	1FGL J0854.6−4504	···	···	···	···
J0854.8+2005	133.713	20.098	206.828	35.826	0.040	0.039	62	27.2	3.5	0.2	41.3	2.3	2.23	0.04	PL	T	···	1FGL J0854.8+2006 0FGL J0855.4+2009 3EG J0853+1941 EGR J0853+2015	···	BZB	OJ 287	···
J0855.1−0712	133.789	−7.211	234.956	23.365	0.219	0.206	−66	4.2	0.3	0.1	5.5	1.2	2.62	0.20	PL	···	···	···	···	agu	3C 209	···
J0855.4−4625	133.868	−46.432	266.720	−0.824	0.111	0.099	15	6.2	2.2	0.4	24.6	5.2	2.15	0.16	PL	···	···	···	E	†	···	···
J0856.0+7136	134.009	71.608	142.254	35.306	0.222	0.140	−18	4.8	0.4	0.1	5.8	1.2	2.54	0.17	PL	···	···	···	···	agu	GB6 J0856+7146	···
J0856.3+2058	134.076	20.978	205.939	36.437	0.152	0.126	84	6.1	0.7	0.1	8.0	1.6	2.14	0.14	PL	···	···	1FGL J0856.6+2103	···	bzb	TXS 0853+211	···
J0856.6−1105	134.173	−11.096	238.652	21.479	0.048	0.046	11	22.9	2.9	0.2	32.1	2.6	2.05	0.05	PL	···	···	1FGL J0856.6−1105	···	bzb	CRATES J0856−1105	···
J0858.0−4815	134.505	−48.261	268.392	−1.684	0.174	0.111	88	14.1	3.5	0.5	48.7	4.4	2.47	···	LP	···	2,9	···	···	···	···	···
J0858.1−1952	134.533	−19.876	246.333	16.526	0.120	0.107	21	7.0	0.8	0.2	10.8	1.7	2.41	0.12	PL	T	···	···	···	agu	PKS 0855−19	···
J0858.2−3129	134.569	−31.489	255.625	9.250	0.147	0.122	31	4.3	0.3	0.1	7.6	3.0	1.12	0.34	PL	···	···	···	···	agu	1RXS J085802.6−313043	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0858.3−4333	134.584	−43.560	264.866	1.428	0.148	0.142	86	14.1	3.3	0.6	44.2	3.9	2.45	···	LP	···	···	3EG J0859−4257	···	···	···	···
J0859.4−2532	134.871	−25.536	251.117	13.246	0.126	0.117	−48	4.6	0.6	0.2	6.5	1.7	2.06	0.18	PL	···	···	···	···	···	···	···
J0900.5−4441c	135.150	−44.688	265.984	0.994	0.151	0.113	48	5.7	2.0	0.4	25.3	4.6	2.35	0.11	PL	···	4,5,6	···	···	···	···	···
J0900.9+6736	135.248	67.613	146.713	37.099	0.156	0.128	32	6.3	0.5	0.1	6.9	1.2	2.47	0.13	PL	···	···	···	···	···	···	···
J0901.7−4655	135.429	−46.921	267.790	−0.334	0.128	0.103	63	12.5	4.0	0.5	40.1	4.2	2.38	···	LP	···	2,5	···	···	···	···	···
J0902.4+2050	135.611	20.848	206.673	37.752	0.096	0.082	−71	9.3	0.9	0.1	10.2	1.7	2.01	0.11	PL	···	···	1FGL J0902.4+2050	···	bzb	NVSS J090226+205045	···
J0902.8−4741c	135.710	−47.696	268.497	−0.705	0.100	0.098	82	7.0	3.3	0.5	13.7	2.2	2.22	···	LP	···	6,12	1FGL J0902.5−4731c	···	···	···	···
J0903.4+4651	135.869	46.859	173.027	41.625	0.150	0.124	86	5.4	0.4	0.1	5.1	1.1	2.27	0.18	PL	···	···	···	···	bzq	S4 0859+47	···
J0903.6+4238	135.922	42.636	178.681	41.763	0.144	0.125	35	5.4	0.4	0.1	5.3	1.1	2.28	0.19	PL	···	1	···	···	agn	S4 0900+42	···
J0904.0−4823c	136.014	−48.394	269.154	−1.018	0.168	0.138	−40	4.1	1.7	0.4	22.5	5.3	2.37	0.12	PL	···	4,5,6	···	···	···	···	···
J0904.8−3513	136.225	−35.222	259.400	7.867	0.115	0.102	28	9.4	1.3	0.2	18.0	2.1	2.45	0.09	PL	T	···	1FGL J0904.7−3514 3EG J0903−3531	···	agu	NVSS J090442−351423	···
J0904.9−5735	136.241	−57.584	276.124	−7.033	0.065	0.059	−23	10.4	1.6	0.2	17.5	2.4	1.98	0.09	PL	T	···	1FGL J0905.1−5736	···	agn	PKS 0903−57	···
J0905.6+1357	136.403	13.964	215.039	35.964	0.061	0.055	65	14.2	1.5	0.2	17.8	2.6	1.81	0.10	PL	···	···	1FGL J0905.5+1356	···	bzb	MG1 J090534+1358	···
J0906.2−0906	136.571	−9.114	238.381	24.550	0.086	0.077	31	8.1	0.8	0.1	8.7	1.7	1.99	0.13	PL	···	···	1FGL J0906.4−0903	···	agu	PMN J0906−0905	···
J0907.9−4716c	136.989	−47.273	268.762	0.220	0.112	0.096	89	7.5	2.4	0.4	30.9	4.5	2.38	0.09	PL	···	4,5,6	···	···	···	···	···
J0908.5−4913	137.148	−49.218	270.266	−1.018	0.559	0.301	24	11.6	3.4	0.6	44.6	4.7	3.01	···	EC	···	2,9	1FGL J0906.3−4855c	···	PSR	PSR J0908−4913	···
J0908.7−2119	137.193	−21.318	249.138	17.569	0.126	0.124	−42	4.3	0.5	0.1	7.0	1.7	2.37	0.17	PL	···	···	1FGL J0908.7−2119	···	···	···	···
J0909.1+0121	137.285	1.366	228.935	30.922	0.057	0.052	−51	22.8	3.2	0.2	43.8	3.0	2.49	···	LP	T	···	1FGL J0909.0+0126	···	bzq	PKS 0906+01	···
J0909.2+2308	137.318	23.149	204.481	39.962	0.089	0.069	−82	8.3	0.9	0.2	11.4	2.4	1.71	0.15	PL	···	···	1FGL J0909.2+2310	···	bzb	RX J0908.9+2311	···
J0909.6+0158	137.417	1.973	228.406	31.348	0.152	0.123	67	5.1	0.7	0.2	10.5	2.6	2.50	0.17	PL	···	5	0FGL J0909.7+0145	···	bzb	PKS 0907+022	···
J0909.7−0229	137.433	−2.497	232.801	28.992	0.071	0.064	30	19.2	2.0	0.2	23.5	1.8	2.28	0.06	PL	T	···	1FGL J0909.6−0229	···	bzq	PKS 0907−023	···
J0910.4−5050	137.603	−50.847	271.659	−1.911	0.209	0.155	−56	12.4	2.8	0.4	47.2	4.0	2.60	0.06	PL	T	···	1FGL J0910.4−5055 0FGL J0910.2−5044	···	agu	AT20G J091058−504807	···
J0910.6+3329	137.654	33.495	191.114	42.467	0.081	0.078	57	11.1	1.0	0.1	11.9	1.9	1.94	0.11	PL	···	···	1FGL J0910.7+3332	···	bzb	Ton 1015	···
J0910.9+2246	137.747	22.780	205.093	40.233	0.092	0.079	−2	8.9	1.2	0.2	14.1	1.8	2.25	0.09	PL	T	···	1FGL J0911.0+2247	···	bzq	TXS 0907+230	···
J0912.1+4126	138.043	41.442	180.314	43.331	0.107	0.091	−30	6.9	0.5	0.1	6.4	1.2	2.30	0.17	PL	T	···	1FGL J0912.3+4127	···	bzq	B3 0908+416B	···
J0912.5+2758	138.132	27.974	198.548	41.896	0.147	0.103	−29	4.5	0.2	0.1	5.0	2.4	1.20	0.37	PL	···	···	1FGL J0912.6+2756	···	bzb	1RXS J091211.9+275955	···
J0912.9−2102	138.236	−21.040	249.569	18.494	0.069	0.060	−31	7.3	0.8	0.2	9.3	1.9	1.94	0.15	PL	···	···	···	···	bzb	MRC 0910−208	···
J0913.0+1553	138.251	15.893	213.683	38.361	0.229	0.188	−66	4.1	0.4	0.1	5.0	1.3	2.25	0.26	PL	T	11	···	···	bzb	BZB J0912+1555	···
J0914.1−4756	138.542	−47.936	269.962	0.531	0.150	0.139	83	11.2	2.4	0.6	36.8	4.1	2.42	···	LP	···	1	···	···	···	···	···
J0915.8+2932	138.963	29.544	196.666	42.928	0.049	0.044	12	19.9	2.1	0.2	24.8	2.7	1.87	0.06	PL	···	···	1FGL J0915.7+2931	···	bzb	B2 0912+29	···
J0917.0+3900	139.265	39.003	183.714	44.223	0.162	0.137	81	5.9	0.4	0.1	6.0	1.1	2.53	0.16	PL	···	···	···	···	bzq	S4 0913+39	···
J0919.3−2203	139.850	−22.057	251.416	18.969	0.189	0.140	62	4.3	0.5	0.1	5.3	1.5	2.00	0.20	PL	···	···	···	···	···	···	···
J0920.9+4441	140.236	44.697	175.703	44.811	0.028	0.027	55	75.9	9.1	0.3	95.0	2.7	2.27	···	LP	T	···	1FGL J0920.9+4441	···	bzq	S4 0917+44	···

Table 4—Continued

Name 2FGL	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.	Ref.
																		0FGL J0921.2+4437				
J0921.9+2335	140.486	23.585	205.014	42.875	0.235	0.139	75	5.0	0.5	0.1	5.9	1.9	1.74	0.20	PL	···	9	1FGL J0922.0+2337	···	bzb	NVSS J092145+233548	···
J0921.9+6216	140.493	62.278	152.163	41.029	0.114	0.094	82	12.5	0.8	0.1	12.2	1.2	2.51	0.09	PL	T	···	···	···	bzq	OK 630	···
J0922.2−5214c	140.558	−52.244	273.942	−1.563	0.195	0.179	2	9.3	1.1	0.3	22.5	2.5	2.43	···	LP	···	1,6,12	···	···	···	···	···
J0922.7+0435	140.679	4.596	227.688	35.486	0.166	0.116	79	5.1	0.5	0.1	6.0	1.3	2.25	0.17	PL	···	···	···	···	agu	GB6 J0922+0433	···
J0923.2+4125	140.817	41.431	180.292	45.411	0.108	0.089	71	12.6	1.0	0.1	12.6	1.4	2.31	0.09	PL	T	···	1FGL J0923.2+4121	···	bzq	B3 0920+416	···
J0923.5+1508	140.895	15.138	215.853	40.422	0.185	0.137	23	4.2	0.4	0.1	4.7	1.2	2.33	0.21	PL	T	11	···	···	···	···	···
J0924.0+2819	141.017	28.322	198.804	44.457	0.192	0.125	−25	9.1	0.6	0.1	10.1	1.2	2.64	0.12	PL	T	···	1FGL J0924.2+2812	···	bzq	B2 0920+28	···
J0927.9−2041	141.977	−20.695	251.736	21.355	0.277	0.213	8	6.9	0.6	0.1	9.1	1.4	2.53	0.12	PL	T	···	···	···	bzq	PKS 0925−203	···
J0928.8−3530	142.223	−35.505	263.016	11.227	0.128	0.115	−76	4.4	0.6	0.1	6.3	1.7	1.94	0.16	PL	···	···	1FGL J0929.0−3531	···	···	···	···
J0929.5+5009	142.396	50.162	167.737	45.485	0.112	0.087	−13	8.1	0.7	0.1	8.1	1.5	1.98	0.14	PL	T	···	1FGL J0929.4+5000	···	bzb	GB6 J0929+5013	···
J0930.4+8611	142.617	86.197	126.291	29.520	0.072	0.068	−48	10.5	1.0	0.1	11.5	1.6	2.05	0.09	PL	T	9	···	···	bzb	S5 0916+864	···
J0934.0−6231	143.509	−62.526	282.239	−7.879	0.074	0.062	18	13.0	2.5	0.3	12.5	1.6	1.88	···	LP	···	···	1FGL J0933.9−6228	···	···	···	···
J0934.7+3932	143.677	39.535	182.957	47.640	0.332	0.221	63	4.2	0.4	0.1	4.5	1.1	2.34	0.19	PL	···	···	1FGL J0934.5+3929	···	bzb	GB6 J0934+3926	···
J0937.6+5009	144.425	50.153	167.338	46.755	0.144	0.124	−60	7.0	0.5	0.1	6.9	1.1	2.50	0.15	PL	T	···	1FGL J0937.7+5005	···	bzq	GB6 J0937+5008	···
J0937.9−1434	144.479	−14.580	248.489	27.213	0.134	0.125	24	4.1	0.4	0.1	4.6	1.4	1.89	0.19	PL	···	8	···	···	···	···	···
J0939.1−1734	144.789	−17.579	251.190	25.418	0.111	0.093	60	9.9	1.1	0.2	12.2	1.6	2.22	0.10	PL	T	···	···	···	agu	TXS 0936−173	···
J0940.3−2827	145.091	−28.457	259.746	17.977	0.137	0.110	34	6.3	0.7	0.1	8.5	1.5	2.32	0.13	PL	T	···	···	···	agu	TXS 0937−282	···
J0940.8−6105	145.213	−61.086	281.865	−6.271	0.173	0.112	24	4.4	0.7	0.2	8.4	2.0	2.15	0.13	PL	···	···	···	···	agu	MRC 0939−608	···
J0941.4+2724	145.358	27.416	201.165	48.046	0.162	0.126	79	6.6	0.5	0.1	6.3	1.1	2.32	0.14	PL	···	···	1FGL J0941.2+2722	···	bzq	MG2 J094148+2728	···
J0941.4+6148	145.358	61.805	151.536	43.311	0.128	0.119	54	6.8	0.6	0.1	6.4	1.2	2.08	0.14	PL	···	···	1FGL J0941.2+6149	···	bzb	RX J0940.3+6148	···
J0941.9−0755	145.490	−7.928	243.397	32.284	0.145	0.130	−73	4.6	0.4	0.1	5.0	1.6	1.86	0.17	PL	T	···	···	···	agu	PMN J0942−0800	···
J0942.8−7558	145.712	−75.976	292.214	−17.200	0.292	0.163	67	4.9	0.7	0.2	9.7	1.9	2.44	0.14	PL	···	9	1FGL J0940.2−7605	···	···	···	···
J0945.9+5751	146.482	57.864	156.229	45.458	0.107	0.099	41	7.6	0.6	0.1	6.3	1.1	2.16	0.14	PL	···	···	1FGL J0945.6+5754	···	bzb	GB6 J0945+5757	···
J0946.2+0104	146.553	1.068	235.359	38.551	0.113	0.088	38	4.6	0.3	0.1	5.3	1.9	1.57	0.26	PL	···	···	···	···	bzb	RXS J094620.5+010459	···
J0946.5+1015	146.648	10.259	225.010	43.412	0.140	0.119	57	11.9	1.0	0.1	14.1	1.4	2.48	0.09	PL	T	···	1FGL J0946.6+1012	···	bzq	TXS 0943+105	···
J0946.9−2541	146.738	−25.697	258.852	20.987	0.218	0.168	72	4.8	0.6	0.1	6.2	1.5	2.08	0.16	PL	···	···	···	···	···	···	···
J0948.8+4040	147.202	40.678	180.971	50.262	0.117	0.116	41	6.6	0.4	0.1	6.6	1.1	2.56	0.16	PL	···	···	···	···	bzq	4C +40.24	···
J0948.8+0020	147.221	0.350	236.602	38.685	0.081	0.069	57	24.1	2.2	0.2	38.9	1.8	2.60	···	LP	T	···	1FGL J0949.0+0021	···	SEY	PMN J0948+0022	10,11
																		0FGL J0948.3+0019				
J0950.1+4554	147.541	45.906	172.870	49.725	0.153	0.115	61	6.2	0.5	0.1	6.2	1.8	1.68	0.18	PL	···	···	···	···	bzb	US 1015	···
J0952.7−3717	148.189	−37.294	267.881	13.134	0.267	0.204	45	4.9	0.6	0.1	8.3	1.6	2.41	0.13	PL	···	···	···	···	···	···	···
J0953.1−0839	148.275	−8.667	246.194	33.912	0.045	0.043	−53	19.9	2.3	0.2	29.0	3.3	1.78	0.06	PL	T	···	1FGL J0953.0−0838	···	bzb	PMN J0953−0840	···
J0953.6−1504	148.407	−15.077	251.841	29.658	0.153	0.122	−61	6.7	0.8	0.1	9.0	1.7	2.00	0.12	PL	···	···	1FGL J0953.6−1505	···	···	···	···
J0953.9−7659	148.475	−76.991	293.428	−17.524	0.114	0.099	−7	4.5	0.7	0.2	7.3	1.9	2.11	0.19	PL	···	···	···	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J0955.0−3949	148.763	−39.824	269.885	11.470	0.120	0.091	−8	11.4	1.5	0.2	18.9	2.0	2.35	0.07	PL	···	···	1FGL J0955.2−3949	···	···	···	···
J0955.9+6936	148.982	69.615	141.475	40.608	0.086	0.072	70	12.5	1.0	0.1	12.2	1.3	2.28	0.09	PL	···	···	1FGL J0956.5+6938	P	sbg	M 82	···
J0956.9+2516	149.239	25.281	205.480	51.015	0.109	0.098	18	14.5	1.3	0.2	16.6	1.5	2.39	0.07	PL	T	···	1FGL J0956.9+2513	···	bzq	OK 290	···
J0957.6−1350	149.404	−13.849	251.602	31.207	0.176	0.140	67	7.7	0.7	0.1	10.0	1.4	2.46	0.11	PL	T	···	···	···	bzq	PMN J0957−1350	···
J0957.7+5522	149.433	55.382	158.592	47.941	0.020	0.019	−22	75.2	11.2	0.4	103.0	4.8	1.95	···	LP	···	···	1FGL J0957.7+5523 0FGL J0957.6+5522 EGR J0957+5513	···	bzq	4C +55.17	···
J0957.7+4735	149.440	47.588	169.838	50.593	0.217	0.171	26	5.3	0.3	0.1	5.1	1.0	2.54	0.16	PL	···	···	···	···	bzq	OK 492	···
J0958.6+6533	149.652	65.557	145.770	43.121	0.090	0.069	−89	16.8	1.4	0.2	18.2	1.4	2.42	0.07	PL	T	···	1FGL J1000.1+6539 3EG J0958+6533 EGR J0956+6524	···	bzb	S4 0954+65	···
J0958.6−2446	149.671	−24.768	260.287	23.464	0.495	0.182	79	4.2	0.5	0.1	5.5	1.3	2.28	0.18	PL	···	8,9	···	···	agu	TXS 0956−244	···
J1001.0+2913	150.250	29.229	199.443	52.587	0.107	0.088	−11	11.8	1.0	0.1	12.1	1.4	2.22	0.09	PL	T	···	1FGL J1000.9+2915	···	bzb	GB6 J1001+2911	···
J1003.0+2219	150.762	22.322	210.620	51.636	0.148	0.129	74	4.8	0.4	0.1	5.0	1.2	2.24	0.16	PL	···	···	···	···	bzb	1RXS J100235.8+221609	···
J1007.1−2157	151.793	−21.950	259.851	26.867	0.136	0.082	−76	10.6	0.9	0.1	13.8	1.5	2.53	0.10	PL	···	···	1FGL J1007.1−2157	···	bzq	PKS 1004+217	···
J1007.7+0621	151.932	6.353	233.471	45.952	0.098	0.088	75	9.9	1.0	0.1	12.1	1.5	2.29	0.10	PL	T	···	1FGL J1007.9+0619	···	bzb	MG1 J100800+0621	···
J1008.6+0028	152.166	0.473	240.361	42.730	0.212	0.183	−59	4.4	0.5	0.1	5.2	1.4	2.05	0.18	PL	···	···	···	···	···	···	···
J1009.7−3123	152.440	−31.392	266.865	19.930	0.180	0.156	51	6.6	0.8	0.2	9.8	1.7	2.24	0.14	PL	···	···	···	P	bzb	1RXS J101015.9−311909	···
J1010.7−5643c	152.691	−56.727	282.206	−0.465	0.150	0.128	40	8.7	2.7	0.6	33.5	4.3	2.50	···	LP	···	4,6	3EG J1014−5705	···	···	···	···
J1010.8−0158	152.719	−1.972	243.399	41.627	0.138	0.128	−76	5.7	0.6	0.1	6.3	1.3	2.13	0.14	PL	···	···	1FGL J1011.0−0156	···	bzq	PKS 1008−01	···
J1012.1−4236	153.046	−42.606	274.218	11.215	0.179	0.136	−69	4.2	0.6	0.2	6.8	1.8	1.98	0.16	PL	···	···	···	···	···	···	···
J1012.1+0631	153.048	6.522	234.145	46.972	0.097	0.089	12	6.9	0.7	0.1	7.8	1.5	2.14	0.15	PL	T	···	1FGL J1012.2+0634	···	bzb	NRAO 350	···
J1012.5+4227	153.144	42.451	176.984	54.381	0.127	0.109	22	4.8	0.4	0.1	4.4	1.3	1.87	0.20	PL	···	···	···	···	bzb	B3 1009+427	···
J1012.6+2440	153.172	24.678	207.739	54.362	0.045	0.044	77	34.8	4.3	0.3	38.7	2.2	2.24	···	LP	T	···	1FGL J1012.7+2440 0FGL J1012.9+2435	···	bzq	MG2 J101241+2439	···
J1013.6+3434	153.403	34.575	190.580	55.545	0.165	0.129	−37	4.1	0.3	0.1	3.9	1.1	2.09	0.21	PL	···	···	···	···	···	···	···
J1014.1+2306	153.537	23.108	210.491	54.312	0.285	0.251	−11	5.3	0.5	0.1	7.1	1.4	2.54	0.16	PL	···	···	···	···	bzq	4C +23.24	···
J1015.1+4925	153.788	49.432	165.527	52.726	0.024	0.023	17	54.1	7.8	0.3	72.6	4.6	1.85	···	LP	T	···	1FGL J1015.1+4927 0FGL J1015.2+4927	P	bzb	1H 1013+498	···
J1016.0+0513	154.014	5.229	236.507	47.040	0.035	0.034	−57	27.2	4.4	0.3	48.9	3.1	2.08	0.05	PL	T	···	1FGL J1016.1+0514 0FGL J1015.9+0515	···	bzq	TXS 1013+054	···
J1016.1+5600	154.031	56.003	155.962	49.970	0.258	0.214	21	4.6	0.2	0.1	5.0	1.1	2.78	0.24	PL	···	···	···	···	···	···	···
J1016.2−0638	154.062	−6.638	249.155	39.514	0.210	0.186	−18	4.7	0.4	0.1	6.2	1.3	2.49	0.17	PL	···	···	···	···	···	···	···
J1016.4−4244	154.122	−42.746	274.960	11.555	0.146	0.121	80	4.3	0.6	0.2	6.8	2.0	1.81	0.18	PL	···	···	···	···	···	···	···
J1016.5−5858	154.125	−58.973	284.107	−1.886	0.053	0.050	−71	10.5	7.0	0.8	51.3	10.0	2.26	···	EC	···	5	3EG J1013−5915	···	PSR	PSR J1016−5857	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1017.0+3531	154.271	35.528	188.828	56.214	0.456	0.306	−46	4.4	0.2	0.1	6.1	1.2	2.89	0.20	PL	···	···	1FGL J1016.2+3548	···	···	···	···
J1018.3−3119	154.599	−31.322	268.392	21.096	0.246	0.193	−35	6.3	0.6	0.1	10.1	1.6	2.66	0.13	PL	···	···	···	···	bzq	PKS 1016−311	···
J1018.6+0531	154.659	5.524	236.694	47.735	0.216	0.144	−30	5.8	0.8	0.2	11.6	2.2	2.51	0.13	PL	T	5	···	···	bzq	TXS 1015+057	···
J1019.0+5915	154.752	59.264	151.404	48.577	0.158	0.120	−59	4.8	0.3	0.1	3.8	0.9	2.18	0.19	PL	···	···	···	···	bzb	TXS 1015+594	···
J1019.0−5856	154.759	−58.942	284.362	−1.678	0.023	0.022	−75	31.9	25.6	1.0	252.7	11.2	2.32	···	LP	···	···	0FGL J1018.2−5858	···	HMB	1FGL J1018.6−5856	···
J1019.8+6322	154.960	63.370	146.397	46.253	0.184	0.165	−41	4.1	0.3	0.1	3.7	0.9	2.18	0.19	PL	···	···	···	···	bzb	GB6 J1019+6319	···
J1020.0−6029	155.006	−60.497	285.319	−2.911	0.256	0.162	89	5.7	1.0	0.4	15.5	3.4	2.60	···	LP	···	1,4,5	···	···	···	···	···
J1021.6+8021	155.416	80.363	130.035	34.600	0.109	0.099	−87	5.6	0.4	0.1	5.1	1.1	2.29	0.15	PL	···	···	···	···	agu	WN B1016.6+8038	···
J1022.7−5741	155.675	−57.699	284.090	−0.374	0.048	0.046	72	15.4	18.8	1.3	142.6	15.0	2.25	···	EC	···	3,5,10	···	E	PSR	PSR J1023−5746	···
J1023.1−0115	155.782	−1.256	245.380	44.418	0.124	0.095	−54	7.1	0.7	0.1	8.1	1.8	1.88	0.13	PL	···	···	1FGL J1022.8−0115	···	bzb	RX J1022.7−0112	···
J1023.5−5749c	155.876	−57.832	284.252	−0.429	0.044	0.039	−69	7.4	6.7	1.3	75.1	14.3	2.10	0.08	PL	···	3,6,10	0FGL J1024.0−5754	E	···	···	···
J1023.6+2959	155.909	29.995	198.981	57.559	0.070	0.066	−79	4.1	0.1	0.1	3.5	1.9	1.28	0.49	PL	···	···	···	···	bzb	RX J1023.6+3001	···
J1023.6+3947	155.921	39.794	180.838	56.972	0.144	0.128	84	8.0	0.6	0.1	7.9	1.1	2.44	0.12	PL	T	···	1FGL J1023.6+3937	···	bzq	4C +40.25	···
J1023.6+0040	155.924	0.677	243.432	45.784	0.184	0.175	1	6.0	0.3	0.1	5.4	1.0	2.49	···	LP	···	12	···	···	psr	PSR J1023+0038	···
J1023.8−3248	155.950	−32.807	270.312	20.552	0.221	0.197	24	4.1	0.4	0.1	6.7	1.5	2.60	0.17	PL	···	···	···	···	bzq	PKS 1021−323	···
J1023.8−4335	155.966	−43.595	276.583	11.599	0.059	0.054	70	12.2	1.5	0.2	18.1	2.7	1.82	0.09	PL	···	···	1FGL J1024.0−4332	···	bzb	RX J1023.9−4336	···
J1024.6−0719	156.161	−7.322	251.702	40.516	0.249	0.171	79	5.0	0.7	0.2	2.9	0.7	2.18	···	EC	···	···	1FGL J1024.6−0718	···	PSR	PSR J1024−0719	···
J1026.3−8546	156.584	−85.776	300.205	−23.697	0.106	0.083	64	8.0	0.9	0.2	10.8	2.1	1.86	0.13	PL	···	···	1FGL J1028.7−8543	···	bzb	PKS 1029−85	···
J1026.7−1749	156.696	−17.826	260.887	32.986	0.092	0.088	66	6.9	0.7	0.1	8.5	1.8	1.93	0.14	PL	···	···	1FGL J1027.1−1747	···	bzb	1RXS J102658.5−174905	···
J1027.4−5730c	156.864	−57.511	284.530	0.123	0.087	0.077	67	12.5	6.6	0.7	63.8	6.8	2.35	···	LP	···	2,5,6	···	···	···	···	···
J1028.5−5819	157.127	−58.332	285.077	−0.505	0.020	0.019	−63	53.2	32.8	0.9	244.7	8.3	2.19	···	EC	···	···	1FGL J1028.4−5819 0FGL J1028.6−5817 3EG J1027−5817	···	PSR	PSR J1028−5819	···
J1029.5−2022	157.381	−20.373	263.343	31.377	0.146	0.138	−18	4.3	0.5	0.1	5.1	1.4	2.00	0.20	PL	···	···	···	···	···	···	···
J1029.9+7437	157.479	74.618	134.364	39.207	0.138	0.110	54	9.2	0.7	0.1	9.4	1.2	2.37	0.11	PL	···	···	···	···	agu	S5 1027+74	···
J1030.4−6015	157.610	−60.255	286.282	−2.023	0.173	0.141	65	6.1	0.7	0.2	21.5	3.6	2.56	···	LP	···	1,12	···	···	···	···	···
J1031.0+5053	157.761	50.895	161.471	54.402	0.064	0.056	44	14.2	1.2	0.1	14.1	2.1	1.81	0.09	PL	···	···	1FGL J1031.0+5051	···	bzb	1ES 1028+511	···
J1032.6+3733	158.173	37.561	184.395	59.102	0.123	0.117	67	10.2	0.9	0.1	10.3	1.3	2.22	0.11	PL	···	···	1FGL J1032.7+3737	···	bzb	B3 1029+378	···
J1032.9−8401	158.228	−84.020	299.267	−22.161	0.115	0.106	−12	4.2	0.6	0.1	6.3	1.6	2.21	0.16	PL	···	···	···	···	···	···	···
J1033.2+4117	158.300	41.286	177.342	58.388	0.078	0.068	−11	15.7	1.1	0.1	15.7	1.3	2.44	0.08	PL	T	···	1FGL J1033.2+4116	···	bzq	S4 1030+41	···
J1033.5−5032	158.375	−50.548	281.701	6.549	0.080	0.070	35	5.8	0.6	0.2	8.4	2.3	1.70	0.15	PL	···	···	1FGL J1033.5−5033	···	···	···	···
J1033.9+6050	158.484	60.835	147.796	49.126	0.040	0.035	17	44.1	4.2	0.2	49.4	2.0	2.24	0.03	PL	T	10	1FGL J1033.8+6048 0FGL J1034.0+6051	···	BZQ	S4 1030+61	12
J1036.1−6722	159.039	−67.372	290.448	−7.840	0.062	0.058	−49	17.8	3.5	0.3	19.9	1.8	2.09	···	LP	T	···	1FGL J1036.2−6719	···	···	···	···
J1036.4−5828c	159.113	−58.481	286.050	−0.106	0.103	0.085	23	4.5	2.2	0.5	26.5	6.1	2.29	0.11	PL	···	6	···	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1037.5−2820	159.392	−28.347	270.279	25.906	0.097	0.083	−80	13.9	1.0	0.2	18.6	1.6	2.65	0.08	PL	T	···	1FGL J1037.7−2820	···	bzq	PKS B1035−281	···
J1037.6+5712	159.418	57.209	151.767	51.769	0.040	0.038	−2	28.7	2.9	0.2	33.3	2.7	1.91	0.05	PL	···	···	1FGL J1037.7+5711	···	bzb	GB6 J1037+5711	···
J1038.2−2423	159.556	−24.384	267.945	29.290	0.164	0.128	8	5.9	0.6	0.1	7.3	1.3	2.31	0.14	PL	···	···	···	···	···	···	···
J1038.6−5850c	159.655	−58.840	286.471	−0.280	0.090	0.084	−41	5.4	2.4	0.5	27.0	5.8	2.15	0.11	PL	T	5,6	···	···	···	···	···
J1040.7+0614	160.182	6.246	240.877	52.588	0.101	0.095	−65	13.7	1.1	0.2	16.5	1.5	2.52	0.08	PL	T	···	1FGL J1040.5+0616	···	···	···	···
J1042.6+8053	160.658	80.887	128.826	34.716	0.211	0.139	87	4.6	0.5	0.1	7.1	1.7	2.54	0.15	PL	T	···	1FGL J1048.7+8054	···	bzq	S5 1039+81	···
J1043.1+2404	160.779	24.082	211.701	60.988	0.090	0.085	35	10.0	1.0	0.1	10.8	1.6	2.07	0.10	PL	···	···	1FGL J1043.1+2404	···	bzb	B2 1040+24A	···
J1044.5−5737	161.138	−57.626	286.577	1.160	0.030	0.029	−62	43.6	17.4	0.6	148.6	4.8	2.29	···	EC	T	···	1FGL J1044.5−5737 1AGL J1043−5749	···	PSR	LAT PSR J1044−5737	···
J1045.0−5941	161.251	−59.692	287.595	−0.639	0.024	0.023	−42	36.1	23.6	0.9	188.7	7.8	2.14	···	LP	···	···	1FGL J1045.2−5942 0FGL J1045.6−5937 1AGL J1043−5936	···	···	Eta Carinae	···
J1045.5−2931	161.375	−29.521	272.607	25.833	0.103	0.087	53	9.1	0.9	0.1	11.3	1.5	2.39	0.12	PL	T	···	···	···	agu	PKS B1043−291	···
J1046.8−6005c	161.707	−60.086	287.980	−0.882	0.129	0.089	30	4.9	2.3	0.5	26.0	5.9	2.04	0.13	PL	···	5,6	1AGL J1043−5936	···	···	···	···
J1047.7−6216	161.949	−62.283	289.093	−2.780	0.080	0.071	−44	14.1	3.4	0.4	37.5	3.3	2.42	···	LP	···	3	···	···	agu	PMN J1047−6217	···
J1048.2−5831	162.070	−58.530	287.432	0.586	0.021	0.020	23	55.3	28.1	0.8	205.1	6.6	2.16	···	EC	T	···	1FGL J1048.2−5832 0FGL J1047.6−5834 3EG J1048−5840 EGR J1048−5839	···	PSR	PSR J1048−5832	···
J1048.3+7144	162.087	71.738	135.445	42.271	0.050	0.046	−63	23.4	2.4	0.2	30.4	1.8	2.34	0.05	PL	T	···	1FGL J1048.8+7145	···	bzq	S5 1044+71	···
J1048.6+2336	162.160	23.602	213.293	62.107	0.168	0.155	−23	5.6	0.6	0.1	6.6	1.3	2.23	0.15	PL	···	···	1FGL J1048.7+2335	···	···	···	···
J1049.4+1551	162.371	15.853	228.380	59.579	0.105	0.094	−2	4.6	0.3	0.1	4.0	1.2	1.86	0.24	PL	···	···	···	···	agu	GB6 J1049+1548	···
J1049.7+7240	162.429	72.683	134.561	41.585	0.134	0.114	62	5.9	0.6	0.1	7.0	1.4	2.35	0.16	PL	···	···	1FGL J1048.5+7239	···	···	···	···
J1050.3−5922c	162.594	−59.370	288.053	−0.042	0.157	0.137	−65	7.3	4.0	0.6	27.0	5.4	2.27	···	LP	···	1,5,6	···	···	···	···	···
J1051.3+3938	162.831	39.647	178.528	62.159	0.157	0.125	−50	4.3	0.3	0.1	4.9	1.9	1.56	0.22	PL	···	···	···	···	bzb	PB 00667	···
J1051.8+0107	162.968	1.131	250.094	51.301	0.119	0.117	−48	5.0	0.5	0.1	5.6	1.4	2.08	0.19	PL	···	···	1FGL J1051.9+0106	···	bzb	BZB J1051+0103	···
J1053.6+4928	163.417	49.473	160.288	58.236	0.060	0.052	11	11.8	0.9	0.1	11.8	2.2	1.75	0.12	PL	···	···	1FGL J1053.6+4927 0FGL J1053.7+4926	···	bzb	GB6 J1053+4930	···
J1054.5+2212	163.635	22.215	216.972	63.056	0.056	0.050	61	17.1	1.6	0.2	18.3	1.7	2.15	0.08	PL	T	···	1FGL J1054.5+2212 0FGL J1054.5+2212	···	bzb	87GB 105148.6+222705	···
J1056.0−5853	164.002	−58.888	288.490	0.709	0.137	0.118	42	12.0	4.1	0.5	37.0	4.0	2.36	···	LP	···	3	···	···	···	···	···
J1056.2−6021	164.072	−60.359	289.153	−0.605	0.095	0.088	84	12.5	6.1	0.6	46.9	5.2	2.27	···	LP	···	···	···	···	···	···	···
J1057.0−8004	164.267	−80.083	297.951	−18.336	0.068	0.066	−39	19.8	2.8	0.2	24.8	2.0	2.28	···	LP	T	···	1FGL J1058.1−8006 0FGL J1100.2−8000	···	bzb	PKS 1057−79	···
J1057.1+7001	164.284	70.017	136.084	44.077	0.176	0.154	9	9.9	0.6	0.1	10.5	1.2	2.64	0.10	PL	T	···	···	···	bzq	S5 1053+70	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1057.9−5226	164.496	−52.448	285.985	6.650	0.014	0.014	14	133.7	50.0	0.9	293.2	4.2	2.01	···	EC	···	···	1FGL J1057.9−5226 0FGL J1058.1−5225 3EG J1058−5234 EGR J1058−5221 1AGL J1058−5239	···	PSR	PSR J1057−5226	···
J1058.4+0133	164.615	1.566	251.501	52.768	0.038	0.036	15	31.5	5.1	0.3	59.1	2.9	2.22	0.04	PL	T	···	1FGL J1058.4+0134 0FGL J1057.8+0138	···	bzb	4C +01.28	···
J1058.6+5628	164.666	56.480	149.575	54.421	0.028	0.026	−56	42.8	4.8	0.2	54.7	3.3	1.93	0.03	PL	T	···	1FGL J1058.6+5628 0FGL J1058.9+5629	···	bzb	TXS 1055+567	···
J1058.7−6621	164.682	−66.366	291.961	−5.926	0.136	0.099	57	5.6	1.0	0.2	11.1	2.2	2.23	0.14	PL	···	···	···	···	···	···	···
J1059.0+0222	164.767	2.374	250.741	53.452	0.164	0.140	40	4.7	0.6	0.2	7.8	1.9	2.29	0.18	PL	···	5	···	···	agu	GB6 J1059+0224	···
J1059.3−6118c	164.827	−61.313	289.891	−1.313	0.240	0.173	40	4.4	1.9	0.4	24.8	5.5	2.36	0.12	PL	···	4,5,6,9	3EG J1102−6103 EGR J1058−6101	···	···	···	···
J1059.3−1132	164.833	−11.541	264.124	42.727	0.063	0.059	−1	19.4	2.2	0.2	24.4	2.0	2.17	0.06	PL	T	···	1FGL J1059.3−1132	···	bzb	PKS B1056−113	···
J1059.4+8113	164.859	81.231	127.931	34.782	0.091	0.086	−35	10.1	0.8	0.1	13.6	1.6	2.58	0.09	PL	T	···	···	···	bzq	S5 1053+81	···
J1059.9−2051	164.988	−20.867	270.733	34.941	0.167	0.144	20	4.2	0.4	0.1	5.0	1.3	2.19	0.19	PL	···	4	···	···	···	···	···
J1100.9+4014	165.233	40.247	175.938	63.696	0.140	0.096	−61	7.6	0.6	0.1	8.7	2.2	1.60	0.17	PL	···	8	···	···	bzb	RX J1100.3+4019	···
J1102.1−6308c	165.549	−63.148	290.957	−2.845	0.156	0.144	41	5.1	1.1	0.2	21.4	3.8	2.71	0.12	PL	T	1,6,10	···	···	···	···	···
J1103.4−2330	165.874	−23.503	273.165	33.055	0.137	0.121	61	5.2	0.5	0.1	6.1	1.7	1.80	0.21	PL	···	···	1FGL J1103.7−2329	P	bzb	1ES 1101−232	···
J1103.9−5356	165.994	−53.940	287.428	5.665	0.045	0.042	35	22.1	4.4	0.3	49.5	3.3	2.11	0.05	PL	T	···	1FGL J1103.9−5355	···	agu	PKS 1101−536	···
J1104.3+0729	166.089	7.491	245.716	57.915	0.142	0.113	−17	8.1	0.8	0.1	9.2	1.4	2.20	0.12	PL	···	···	1FGL J1104.4+0734	···	bzb	MG1 J110424+0730	···
J1104.4+3812	166.120	38.213	179.818	65.035	0.011	0.011	−4	131.5	29.7	0.6	375.7	10.5	1.77	0.01	PL	T	···	1FGL J1104.4+3812 0FGL J1104.5+3811 3EG J1104+3809 EGR J1104+3813 1AGL J1104+3754	P	bzb	Mkn 421	···
J1104.7−6036	166.193	−60.614	290.210	−0.405	0.053	0.048	41	16.9	8.5	0.6	64.0	6.4	2.27	···	LP	···	3	3EG J1102−6103 1AGL J1108−6103	···	···	···	···
J1105.4−7622	166.368	−76.371	296.691	−14.800	0.124	0.113	85	5.1	0.7	0.2	9.7	1.9	2.43	0.14	PL	···	4	···	···	···	···	···
J1105.6−6114	166.409	−61.236	290.554	−0.933	0.137	0.108	25	10.0	5.0	0.6	43.8	5.6	2.34	···	LP	···	2,5	3EG J1102−6103 1AGL J1108−6103	···	···	···	···
J1106.1+2814	166.536	28.235	204.061	66.709	0.104	0.088	−60	10.4	0.9	0.1	10.3	1.3	2.23	0.10	PL	T	···	1FGL J1106.5+2809	···	bzq	MG2 J110606+2812	···
J1106.3−3643	166.599	−36.720	280.520	21.538	0.156	0.132	65	5.9	0.7	0.1	8.0	1.5	2.20	0.14	PL	···	···	···	···	agu	PMN J1106−3647	···
J1107.2−4448	166.820	−44.807	284.188	14.241	0.150	0.118	−4	10.6	0.9	0.2	17.1	1.7	2.67	0.10	PL	T	···	···	···	bzq	PKS 1104−445	···
J1107.5+0223	166.878	2.386	253.331	54.918	0.112	0.098	32	6.3	0.6	0.1	7.2	1.5	2.11	0.16	PL	···	···	···	···	bzb	BZB J1107+0222	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1107.8+1505	166.961	15.086	234.231	63.087	0.091	0.085	−34	7.2	0.6	0.1	6.9	1.6	1.86	0.14	PL	···	···	1FGL J1107.8+1502	···	bzb	87GB 110510.0+151723	···
J1109.3+2414	167.349	24.240	214.370	66.870	0.123	0.116	57	4.1	0.3	0.1	4.0	1.5	1.71	0.24	PL	···	···	···	···	bzb	1ES 1106+244	···
J1110.1−1835	167.535	−18.585	271.916	38.111	0.109	0.096	−20	7.7	0.8	0.1	9.3	1.8	1.96	0.12	PL	···	···	1FGL J1110.2−1839	···	bzb	CRATES J1110−1835	···
J1110.2+7134	167.557	71.580	133.641	43.382	0.111	0.098	86	4.6	0.3	0.1	3.5	1.0	2.10	0.22	PL	···	···	1FGL J1109.9+7134	···	bzb	87GB 110723.4+715023	···
J1112.1−6040	168.031	−60.672	291.063	−0.109	0.033	0.033	−2	22.8	12.6	0.8	77.9	6.6	2.10	···	LP	···	···	1FGL J1112.1−6041c 1AGL J1108−6103	···	†	···	···
J1112.4+3450	168.108	34.850	186.778	67.493	0.087	0.066	−65	19.3	1.7	0.2	21.6	1.5	2.37	0.06	PL	T	···	1FGL J1112.8+3444	···	bzq	TXS 1109+350	···
J1112.5−6105	168.135	−61.091	291.267	−0.479	0.062	0.055	−63	11.3	5.6	0.6	63.5	7.5	2.16	0.07	PL	···	···	1AGL J1108−6103	···	psr	PSR J1112−6103	···
J1115.0−0701	168.760	−7.027	265.109	48.636	0.094	0.087	−0	4.6	0.3	0.1	4.7	1.8	1.60	0.28	PL	···	···	···	···	···	···	···
J1117.2−4844	169.303	−48.742	287.344	11.257	0.204	0.152	−53	6.3	0.8	0.2	10.3	1.7	2.40	0.12	PL	···	2,4	···	···	agu	CRATES J1117−4838	···
J1117.2+2013	169.305	20.227	225.633	67.395	0.044	0.041	−76	18.9	1.9	0.2	25.1	3.3	1.70	0.07	PL	T	···	1FGL J1117.1+2013	···	bzb	RBS 0958	···
J1117.2−5341	169.316	−53.697	289.159	6.638	0.111	0.106	82	4.8	0.6	0.2	7.2	1.9	1.92	0.18	PL	···	···	1FGL J1117.0−5339	···	···	···	···
J1118.0+5354	169.507	53.916	149.217	58.184	0.060	0.057	−18	11.0	0.8	0.1	9.5	1.6	1.91	0.12	PL	···	···	1FGL J1118.0+5354	···	bzb	BZB J1117+5355	···
J1118.1−4629	169.546	−46.486	286.664	13.419	0.173	0.162	15	6.4	0.6	0.1	10.6	1.7	2.62	0.12	PL	···	···	···	···	bzq	PKS 1116−46	···
J1118.8−6128	169.703	−61.473	292.107	−0.564	0.057	0.048	−47	19.6	9.0	0.6	79.1	5.8	2.30	···	EC	···	···	1FGL J1119.4−6127c	E	PSR	PSR J1119−6127	···
J1118.9−6027c	169.736	−60.466	291.770	0.386	0.154	0.125	−77	8.6	2.6	0.4	27.7	4.1	2.46	···	LP	···	1,5,6	···	···	···	···	···
J1120.0−2204	170.002	−22.081	276.495	36.054	0.063	0.059	−86	20.5	2.5	0.2	18.0	1.6	2.20	···	LP	···	···	1FGL J1119.9−2205	···	···	···	···
J1120.4+0710	170.117	7.172	251.527	60.610	0.089	0.078	−80	8.9	0.9	0.1	9.9	1.7	1.98	0.11	PL	···	···	1FGL J1120.4+0710	···	···	···	···
J1121.0+4211	170.261	42.186	167.831	66.211	0.054	0.052	−34	14.4	1.2	0.1	17.6	3.0	1.61	0.09	PL	···	···	1FGL J1121.0+4209	···	bzb	RBS 0970	···
J1121.5−0554	170.387	−5.912	266.271	50.449	0.049	0.048	64	30.6	3.9	0.3	47.2	2.3	2.30	0.04	PL	T	10	1FGL J1121.5−0554	···	bzq	PKS 1118−05	13
J1123.3−2527	170.838	−25.466	279.043	33.287	0.203	0.128	8	4.5	0.5	0.1	5.5	1.5	1.94	0.16	PL	···	···	1FGL J1123.6−2528	···	···	···	···
J1124.2−3654	171.051	−36.906	284.139	22.762	0.078	0.068	72	12.1	1.7	0.2	18.5	2.2	2.09	0.08	PL	···	···	1FGL J1124.4−3654	···	psr	PSR J1124−36	···
J1124.2+2338	171.074	23.648	218.120	70.040	0.128	0.112	−74	8.2	0.6	0.1	8.3	1.2	2.41	0.12	PL	···	···	1FGL J1123.9+2339	···	bzq	OM 235	···
J1124.6−5913	171.175	−59.222	292.028	1.801	0.049	0.043	28	24.4	7.2	0.4	67.4	4.3	2.36	···	EC	···	···	···	···	PSR	PSR J1124−5916	···
J1125.0−5821	171.272	−58.361	291.793	2.631	0.151	0.138	47	4.8	1.1	0.2	12.9	2.9	2.20	0.16	PL	···	···	···	···	psr	PSR J1125−5825	···
J1125.2+4933	171.317	49.553	153.573	62.135	0.123	0.107	−85	4.1	0.3	0.1	3.3	1.1	1.88	0.28	PL	···	···	···	···	bzb	GB6 J1124+4933	···
J1125.6−3559	171.420	−35.999	284.089	23.715	0.134	0.095	52	6.5	0.8	0.2	9.3	1.9	1.93	0.13	PL	T	···	1FGL J1125.5−3559	···	bzb	PMN J1125−3556	···
J1126.0−0743	171.502	−7.721	269.196	49.473	0.094	0.090	−78	4.6	0.4	0.1	4.9	1.7	1.67	0.21	PL	···	···	1FGL J1126.0−0741	···	bzb	1RXS J112551.6−074219	···
J1126.6−1856	171.661	−18.946	276.601	39.551	0.060	0.055	28	30.1	3.4	0.2	43.2	2.1	2.36	0.04	PL	T	···	1FGL J1126.8−1854	···	bzq	PKS 1124−186	···
J1127.6+3622	171.908	36.370	180.228	69.991	0.107	0.089	−59	8.7	0.7	0.1	8.5	1.3	2.24	0.13	PL	T	···	···	···	bzq	MG2 J112758+3620	···
J1129.0−0532	172.269	−5.539	268.509	51.742	0.140	0.128	18	8.1	0.6	0.1	12.4	1.6	2.70	0.12	PL	T	···	1FGL J1129.2−0528	···	···	···	···
J1129.5+3758	172.379	37.971	175.539	69.686	0.145	0.096	85	11.1	1.0	0.1	11.9	1.4	2.26	0.10	PL	···	···	1FGL J1129.3+3757	···	···	···	···
J1130.3−1448	172.580	−14.803	275.330	43.679	0.083	0.076	84	24.9	1.8	0.2	34.6	1.7	2.70	0.05	PL	T	···	1FGL J1130.2−1447 0FGL J1129.8−1443	···	bzq	PKS 1127−14	···
J1130.9+5809	172.731	58.163	141.830	55.912	0.112	0.092	−59	6.4	0.4	0.1	4.7	0.9	2.19	0.26	PL	···	···	···	···	bzb	BZB J1131+5809	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1132.9+0033	173.226	0.559	264.326	57.422	0.088	0.071	−2	16.7	1.8	0.2	20.8	1.9	2.18	0.07	PL	T	···	1FGL J1133.1+0033 3EG J1133+0033	···	bzb	PKS B1130+008	···
J1134.4−7415	173.620	−74.260	297.685	−12.177	0.156	0.135	58	4.4	0.7	0.2	8.1	1.8	2.25	0.13	PL	···	···	···	···	agu	PKS 1133−739	···
J1135.2−6829	173.820	−68.496	296.018	−6.653	0.177	0.134	52	5.7	0.8	0.2	11.7	2.0	2.51	0.13	PL	···	1,4	···	···	agu	PKS 1133−681	···
J1135.3−6054	173.850	−60.914	293.821	0.606	0.054	0.050	18	18.9	6.1	0.5	52.4	3.7	2.33	···	EC	···	···	1FGL J1134.8−6055	···	PSR	LAT PSR J1135−6055	···
J1136.3+6736	174.081	67.607	133.483	47.953	0.078	0.077	26	8.6	0.6	0.1	8.4	1.9	1.68	0.12	PL	···	···	1FGL J1136.2+6739	···	bzb	RX J1136.5+6737	···
J1136.7+7009	174.178	70.164	131.876	45.645	0.049	0.045	−7	15.0	1.1	0.1	14.9	2.2	1.74	0.08	PL	···	···	1FGL J1136.6+7009	P	bzb	Mkn 180	···
J1137.0+2553	174.267	25.893	212.961	73.332	0.108	0.089	−68	5.0	0.3	0.1	4.8	1.9	1.44	0.25	PL	···	···	1FGL J1136.9+2551	···	bzb	RX J1136.8+2551	···
J1138.8−6233c	174.702	−62.559	294.675	−0.857	0.181	0.117	−33	4.9	2.0	0.4	22.7	4.5	2.18	0.11	PL	···	4,6,9	···	···	···	···	···
J1141.0+6803	175.254	68.053	132.608	47.731	0.083	0.075	90	6.2	0.3	0.1	5.7	1.9	1.45	0.20	PL	···	1,5	···	···	···	···	···
J1141.7−1404	175.439	−14.074	278.474	45.463	0.105	0.091	−68	5.9	0.6	0.1	6.8	1.6	1.89	0.15	PL	···	···	1FGL J1141.8−1403	···	agu	PMN J1141−1404	···
J1141.9+1550	175.495	15.844	244.395	70.331	0.102	0.089	35	7.8	0.7	0.1	8.3	1.5	2.07	0.14	PL	···	···	1FGL J1141.8+1549	···	bzb	MG1 J114208+1547	···
J1142.9+0121	175.735	1.354	267.559	59.437	0.091	0.079	−38	11.0	1.2	0.2	13.2	1.8	2.02	0.10	PL	T	···	1FGL J1142.7+0127	···	psr	PSR J1142+01	···
J1143.1+6119	175.798	61.324	136.768	53.933	0.105	0.090	−78	9.0	0.8	0.1	8.3	1.3	2.07	0.12	PL	···	···	···	···	bzb	87GB 114026.7+613850	···
J1146.8−3812	176.721	−38.207	289.213	22.939	0.087	0.078	−70	14.1	1.6	0.2	19.5	1.8	2.31	0.07	PL	T	···	1FGL J1146.9−3812 0FGL J1146.7−3808	···	bzq	PKS 1144+379	···
J1146.9+4000	176.737	40.006	164.887	71.448	0.065	0.061	46	23.3	2.0	0.2	25.9	1.6	2.35	0.05	PL	T	···	1FGL J1146.8+4004	···	bzq	S4 1144+40	···
J1147.7−0724	176.940	−7.400	276.597	52.185	0.089	0.080	−50	15.1	1.7	0.2	20.2	1.8	2.30	0.07	PL	T	···	1FGL J1147.7−0722	···	bzq	PKS 1145−071	···
J1150.1+2419	177.536	24.330	220.982	75.925	0.089	0.084	45	13.7	1.3	0.2	14.9	1.6	2.19	0.08	PL	···	···	1FGL J1150.2+2419	···	bzb	B2 1147+24	···
J1150.5+4154	177.631	41.910	159.135	70.674	0.045	0.043	−43	21.4	2.2	0.2	28.6	3.2	1.76	0.06	PL	···	···	1FGL J1150.5+4152	···	bzb	RBS 1040	···
J1151.5−1347	177.877	−13.785	281.508	46.579	0.077	0.074	7	5.7	0.4	0.1	5.7	1.7	1.71	0.21	PL	···	···	1FGL J1151.4−1345	···	bzb	PMN J1151−1347	···
J1151.5+5857	177.880	58.958	136.912	56.515	0.051	0.047	76	11.2	0.8	0.1	9.6	1.7	1.79	0.13	PL	···	···	1FGL J1151.6+5857	···	bzb	TXS 1148+592	···
J1152.4−0840	178.112	−8.674	279.117	51.449	0.101	0.092	63	10.0	1.2	0.2	13.3	1.8	2.17	0.11	PL	···	···	1FGL J1152.2−0836	···	bzq	PKS B1149−084	···
J1153.2+4935	178.305	49.599	145.511	64.899	0.118	0.114	−6	11.8	0.8	0.1	11.6	1.2	2.52	0.09	PL	T	···	···	···	BZQ	OM 484	14
J1154.0−0010	178.525	−0.169	273.810	59.421	0.065	0.060	−45	9.4	0.8	0.1	9.7	1.9	1.86	0.15	PL	T	···	1FGL J1154.0−0008	···	bzb	1RXS J115404.9−001008	···
J1154.1−3242	178.544	−32.713	289.221	28.630	0.080	0.075	54	9.5	1.1	0.2	12.4	1.9	2.03	0.10	PL	···	···	1FGL J1154.2−3242	···	agu	PKS 1151−324	···
J1154.4+6019	178.624	60.320	135.319	55.418	0.168	0.123	22	7.5	0.4	0.1	9.5	1.3	2.78	0.13	PL	T	···	1FGL J1152.1+6027	···	bzq	RX J1154.0+6022	···
J1156.7−0751	179.187	−7.851	280.259	52.596	0.260	0.239	−29	4.3	0.5	0.1	6.6	1.6	2.49	0.20	PL	···	···	1FGL J1156.7−0751	···	···	···	···
J1158.8+0939	179.709	9.651	265.073	68.564	0.155	0.139	−44	6.7	0.7	0.1	7.4	1.4	2.14	0.14	PL	T	···	···	···	bzb	GB6 J1158+0937	···
J1159.0−2226	179.756	−22.439	287.326	38.839	0.097	0.084	19	9.7	1.3	0.2	16.2	2.1	2.35	0.10	PL	T	5	···	···	agu	PKS 1156−221	···
J1159.3−2142	179.837	−21.701	287.173	39.571	0.072	0.068	−84	12.3	1.6	0.2	20.3	2.2	2.33	0.09	PL	T	···	1FGL J1159.4−2149	···	bzq	PMN J1159−2142	···
J1159.5+2914	179.878	29.247	199.411	78.370	0.032	0.030	58	52.4	6.0	0.3	73.1	2.5	2.29	0.03	PL	T	···	1FGL J1159.4+2914 0FGL J1159.2+2912 3EG J1200+2847	···	bzq	Ton 599	···
J1200.0+0159	180.013	1.996	274.669	62.014	0.142	0.133	−39	6.0	0.6	0.1	6.6	1.3	2.20	0.15	PL	···	···	1FGL J1159.8+0200	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1203.2+6030	180.821	60.511	133.410	55.627	0.092	0.088	−58	9.4	0.8	0.1	8.7	1.4	1.99	0.13	PL	···	···	1FGL J1202.9+6032	···	bzb	SBS 1200+608	···
J1203.6−6243c	180.924	−62.719	297.493	−0.352	0.075	0.069	80	9.8	5.1	0.6	42.0	6.3	2.35	···	LP	···	5,6	···	···	···	···	···
J1204.2+1144	181.058	11.741	264.892	71.038	0.133	0.105	54	7.4	0.8	0.1	8.3	1.5	2.06	0.13	PL	···	···	1FGL J1204.4+1139	···	bzb	1RXS J120413.0+114549	···
J1204.3−0711	181.095	−7.187	282.881	53.843	0.133	0.115	−15	7.1	0.8	0.1	8.4	1.5	2.13	0.16	PL	···	···	1FGL J1204.3−0714	···	bzb	1RXS J120417.0−070959	···
J1206.0−2638	181.519	−26.637	290.521	35.139	0.224	0.136	−16	8.6	0.8	0.1	14.3	1.8	2.67	0.11	PL	T	···	1FGL J1205.9−2637	···	bzq	PKS 1203−26	···
J1207.3−5055	181.838	−50.931	295.874	11.336	0.150	0.122	85	5.8	0.8	0.2	9.5	1.8	2.18	0.12	PL	···	···	1FGL J1207.0−5055	···	···	···	···
J1208.5−6240	182.139	−62.674	298.034	−0.211	0.063	0.060	−41	11.7	6.6	0.7	52.7	8.6	2.28	···	LP	···	···	···	···	···	···	···
J1208.6−2257	182.156	−22.956	290.246	38.859	0.420	0.227	−37	4.4	0.4	0.1	7.1	1.5	2.59	0.18	PL	···	9	···	···	···	···	···
J1208.8+5441	182.215	54.691	135.802	61.361	0.063	0.059	−33	26.1	1.8	0.2	26.4	1.4	2.47	0.05	PL	T	···	1FGL J1209.3+5444	···	bzq	TXS 1206+549	···
J1209.6+4121	182.403	41.354	151.384	73.384	0.091	0.088	−45	6.2	0.4	0.1	6.7	2.0	1.58	0.17	PL	···	···	1FGL J1209.4+4119	···	bzb	B3 1206+416	···
J1209.7+1807	182.443	18.122	253.939	76.838	0.213	0.149	49	4.9	0.4	0.1	5.8	1.2	2.46	0.17	PL	···	···	1FGL J1209.7+1806	···	bzq	MG1 J120953+1809	···
J1213.2−2616	183.301	−26.274	292.352	35.811	0.128	0.096	−1	5.1	0.5	0.1	7.3	1.7	2.41	0.19	PL	···	···	···	···	bzb	RBS 1080	···
J1214.0−6237	183.505	−62.620	298.645	−0.060	0.078	0.059	81	13.5	7.0	0.6	59.4	6.5	2.26	···	LP	···	5	1FGL J1213.7−6240c	···	snr	SNR G298.6−00.0	···
J1214.1−4410	183.527	−44.167	295.900	18.194	0.161	0.117	41	6.0	0.8	0.2	9.1	1.6	2.25	0.12	PL	···	···	1FGL J1213.6−4424	···	···	···	···
J1214.6+1309	183.660	13.163	269.481	73.596	0.247	0.190	89	6.1	0.5	0.1	7.6	1.3	2.57	0.14	PL	···	···	···	···	···	···	···
J1214.8+1653	183.724	16.900	261.490	76.732	0.111	0.096	8	6.0	0.5	0.1	6.2	1.3	2.18	0.15	PL	···	···	···	···	bzq	TXS 1212+171	···
J1214.9+5004	183.729	50.081	137.433	66.006	0.095	0.087	82	6.7	0.5	0.1	5.5	1.2	2.00	0.17	PL	T	···	1FGL J1214.9+5004	···	bzb	BZB J1215+5002	···
J1217.8+3006	184.467	30.109	188.926	82.056	0.031	0.029	−66	33.6	5.5	0.3	61.2	3.5	2.02	0.04	PL	T	···	1FGL J1217.7+3007 0FGL J1218.0+3006	P	bzb	1ES 1215+303	···
J1218.5−0122	184.637	−1.383	286.102	60.410	0.090	0.084	16	13.1	1.6	0.2	17.7	2.0	2.10	0.08	PL	T	···	1FGL J1218.4−0128	···	bzb	PKS 1216−010	···
J1218.8−4827	184.713	−48.467	297.374	14.053	0.152	0.137	46	5.0	0.6	0.1	8.4	1.8	2.40	0.15	PL	···	4,5	···	···	agu	PMN J1219−4826	···
J1219.2+7107	184.818	71.130	126.651	45.766	0.176	0.134	31	5.2	0.4	0.1	4.4	0.9	2.27	0.16	PL	···	···	1FGL J1221.5+7106	···	bzq	S5 1217+71	···
J1219.7+0201	184.928	2.017	284.756	63.764	0.176	0.165	−60	4.6	0.4	0.1	7.1	1.7	2.66	0.19	PL	···	···	···	···	bzq	PKS 1217+02	···
J1219.8−0310	184.951	−3.174	287.576	58.751	0.128	0.126	−62	5.9	0.6	0.1	7.4	1.8	1.86	0.15	PL	···	···	1FGL J1219.8−0309	···	bzb	1RXS J121946.0−031419	···
J1221.3+3010	185.348	30.179	186.329	82.739	0.036	0.035	88	20.4	2.8	0.3	37.8	4.1	1.71	0.07	PL	T	···	1FGL J1221.3+3008	P	bzb	PG 1218+304	···
J1221.4−0633	185.358	−6.553	289.680	55.545	0.136	0.103	90	8.3	0.8	0.1	10.6	1.5	2.37	0.12	PL	···	···	1FGL J1221.4−0635	···	···	···	···
J1221.4+2814	185.374	28.239	201.691	83.280	0.031	0.030	10	40.6	5.5	0.3	61.7	3.3	2.02	0.03	PL	T	···	1FGL J1221.5+2814 0FGL J1221.7+2814 1AGL J1222+2851	P	bzb	W Comae	···
J1222.4+0413	185.616	4.223	284.870	66.073	0.092	0.080	−69	18.3	1.3	0.2	28.0	1.9	2.77	0.07	PL	T	···	1FGL J1222.5+0415	···	bzq	4C +04.42	···
J1223.3+7954	185.846	79.910	124.470	37.134	0.096	0.082	20	4.2	0.2	0.1	3.3	1.5	1.36	0.33	PL	···	···	···	···	···	···	···
J1223.9+8043	185.977	80.725	124.306	36.330	0.081	0.070	−89	12.0	1.1	0.1	13.3	1.4	2.26	0.08	PL	T	···	1FGL J1224.8+8044	···	bzb	S5 1221+80	···
J1224.4+2436	186.106	24.602	234.002	83.420	0.068	0.062	−40	7.7	0.6	0.1	7.0	1.3	2.03	0.19	PL	···	···	···	···	bzb	MS 1221.8+2452	···
J1224.9+2122	186.226	21.380	255.070	81.660	0.014	0.013	24	182.4	35.4	0.6	372.9	5.9	2.23	···	LP	T	···	1FGL J1224.7+2121 3EG J1224+2118	P	BZQ	4C +21.35	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1225.0+4335	186.255	43.594	139.191	72.691	0.198	0.166	46	6.5	0.4	0.1	6.6	1.1	2.52	0.15	PL	···	···	1FGL J1225.8+4336 3EG J1227+4302	···	bzb	B3 1222+438	···
J1226.0+2953	186.521	29.896	185.018	83.782	0.070	0.064	27	12.9	1.7	0.2	9.1	1.3	1.98	···	LP	T	···	1FGL J1226.0+2954	···	···	···	···
J1226.7−1331	186.676	−13.523	293.764	48.908	0.074	0.070	57	9.9	1.3	0.2	14.1	2.2	1.97	0.12	PL	T	···	1FGL J1226.7−1332	···	bzb	PMN J1226−1328	···
J1226.9+4940	186.739	49.674	133.089	66.969	0.264	0.202	−74	5.0	0.5	0.1	6.5	1.5	2.39	0.20	PL	···	5,8	···	···	bzq	87GB 122531.6+494958	···
J1227.7−4853	186.928	−48.891	298.920	13.795	0.059	0.051	3	24.3	3.5	0.3	33.4	2.3	2.33	···	LP	···	···	1FGL J1227.9−4852	···	···	···	···
J1228.6+4857	187.170	48.953	132.826	67.735	0.086	0.079	−38	8.5	0.7	0.1	9.8	1.5	2.39	0.13	PL	T	···	1FGL J1228.2+4855	···	bzq	TXS 1226+492	···
J1228.7−8310	187.179	−83.171	302.213	−20.331	0.178	0.166	9	4.5	0.5	0.1	8.0	1.6	2.62	0.16	PL	···	4	3EG J1249−8330	···	agu	PKS 1221−82	···
J1229.1+0202	187.277	2.042	289.954	64.349	0.022	0.021	75	140.6	15.1	0.4	272.0	3.4	2.62	···	LP	T	···	1FGL J1229.1+0203 0FGL J1229.1+0202 3EG J1229+0210 EGR J1229+0203 1AGL J1228+0142	···	BZQ	3C 273	···
J1230.2+2517	187.561	25.291	232.876	84.905	0.132	0.104	−78	9.4	0.9	0.1	10.5	1.4	2.27	0.11	PL	T	···	1FGL J1230.4+2520	···	bzb	ON 246	···
J1230.2−5258	187.575	−52.979	299.707	9.761	0.144	0.141	30	4.1	0.6	0.2	7.4	1.8	2.21	0.18	PL	···	···	···	···	agu	PMN J1229−5303	···
J1230.8+1224	187.701	12.406	283.744	74.504	0.066	0.061	62	16.7	1.7	0.2	19.6	1.8	2.17	0.07	PL	···	···	1FGL J1230.8+1223	P	rdg	M 87	···
J1231.1−6512	187.793	−65.212	300.808	−2.424	0.125	0.117	−13	8.1	1.9	0.3	18.5	2.7	2.36	···	LP	···	4	···	···	···	···	···
J1231.2−1411	187.815	−14.187	295.557	48.396	0.023	0.022	75	73.3	17.7	0.5	105.7	3.1	1.95	···	EC	···	···	1FGL J1231.1−1410 0FGL J1231.5−1410 EGR J1231−1412	···	PSR	PSR J1231−1411	···
J1231.3−5112	187.837	−51.210	299.724	11.536	0.157	0.128	−3	10.1	1.1	0.2	13.5	1.8	2.51	···	LP	T	···	1FGL J1232.2−5118	···	···	···	···
J1231.6+1417	187.917	14.291	282.199	76.361	0.132	0.114	−11	6.3	0.6	0.1	7.0	1.4	2.15	0.16	PL	···	2	···	···	bzb	GB6 J1231+1421	···
J1231.7+2848	187.937	28.809	190.658	85.340	0.039	0.036	−59	29.0	3.5	0.2	41.7	3.4	1.87	0.05	PL	T	···	1FGL J1231.6+2850	···	bzb	B2 1229+29	···
J1233.7−0145	188.437	−1.763	293.844	60.797	0.110	0.102	79	9.7	1.0	0.2	12.2	1.6	2.23	0.11	PL	···	···	1FGL J1233.6−0146	···	bzb	BZB J1233−0144	···
J1234.0−5733	188.515	−57.553	300.593	5.240	0.101	0.080	−0	7.9	1.6	0.2	18.2	2.6	2.17	0.10	PL	···	···	1FGL J1234.0−5736	···	agu	PMN J1234−5736	···
J1236.1−6155	189.041	−61.923	301.136	0.896	0.147	0.128	54	5.1	1.8	0.4	23.9	4.4	2.40	0.11	PL	···	4,5	···	···	···	···	···
J1238.1−1953	189.527	−19.892	298.655	42.869	0.142	0.121	1	4.9	0.5	0.1	5.9	1.3	2.29	0.18	PL	···	···	···	···	agu	PMN J1238−1959	···
J1239.5+0443	189.880	4.730	295.180	67.422	0.041	0.040	−25	36.7	4.5	0.3	55.0	2.4	2.32	0.04	PL	T	···	1FGL J1239.5+0443 3EG J1236+0457 EGR J1237+0434 1AGL J1238+0406	···	bzq	MG1 J123931+0443	···
J1239.5+0728	189.885	7.478	294.217	70.148	0.116	0.111	20	4.4	0.4	0.1	4.8	1.5	1.89	0.19	PL	···	···	···	···	agu	PKS 1236+077	···
J1240.6−7151	190.163	−71.866	302.083	−9.012	0.078	0.071	15	8.2	1.1	0.2	13.2	2.5	1.82	0.16	PL	···	···	1FGL J1240.3−7154	···	···	···	···
J1241.6−1457	190.405	−14.957	299.398	47.847	0.159	0.127	16	4.6	0.5	0.1	5.2	1.4	1.98	0.19	PL	···	···	···	···	bzb	RX J1241.8−1455	···
J1243.1+3627	190.780	36.451	133.128	80.513	0.046	0.042	84	19.3	1.9	0.2	25.5	3.3	1.70	0.07	PL	···	···	1FGL J1243.1+3627	···	bzb	Ton 116	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1243.9−6232	190.982	−62.541	302.067	0.318	0.097	0.088	56	5.3	2.2	0.4	26.6	4.9	2.31	0.10	PL	···	3,4	···	···	···	···	···
J1245.1+5708	191.279	57.134	124.646	59.973	0.093	0.088	67	6.5	0.5	0.1	5.4	1.1	2.11	0.17	PL	···	···	···	···	bzb	1RXS J124510.5+571020	···
J1246.7−2546	191.681	−25.783	301.602	37.077	0.030	0.029	58	56.7	8.7	0.4	88.9	3.1	2.26	···	LP	T	···	1FGL J1246.7−2545 0FGL J1246.6−2544	···	bzq	PKS 1244−255	···
J1248.2+5820	192.063	58.350	123.738	58.773	0.033	0.032	−61	36.1	4.1	0.2	46.7	3.0	1.95	0.04	PL	···	···	1FGL J1248.2+5820	···	bzb	PG 1246+586	···
J1248.6−5510	192.158	−55.174	302.528	7.696	0.189	0.150	−78	5.2	0.8	0.2	11.3	2.1	2.47	0.13	PL	···	1	···	···	···	···	···
J1249.5−2811	192.379	−28.183	302.417	34.686	0.091	0.079	52	5.4	0.5	0.1	5.9	1.5	1.96	0.18	PL	···	···	1FGL J1249.3−2812	···	···	···	···
J1249.9+3705	192.477	37.090	124.692	80.033	0.095	0.078	58	9.0	0.7	0.1	10.5	2.5	1.58	0.13	PL	···	···	1FGL J1249.8+3706	···	bzb	RX J1249.8+3708	···
J1251.2+1045	192.812	10.757	302.769	73.628	0.155	0.117	50	4.4	0.4	0.1	5.0	1.4	1.93	0.20	PL	T	···	1FGL J1251.3+1044	···	···	···	···
J1253.1+5302	193.276	53.047	122.360	64.080	0.038	0.036	17	32.9	3.7	0.2	42.0	2.8	1.97	0.04	PL	T	···	1FGL J1253.0+5301 0FGL J1253.4+5300	···	bzb	S4 1250+53	···
J1254.1+6237	193.537	62.620	122.395	54.506	0.104	0.099	31	5.0	0.3	0.1	3.6	0.9	2.02	0.21	PL	···	···	1FGL J1254.0+6236	···	bzb	BZB J1253+6242	···
J1254.2−2203	193.571	−22.052	303.804	40.815	0.147	0.125	83	5.4	0.7	0.2	8.3	1.7	2.26	0.14	PL	···	···	···	···	···	···	···
J1254.4+2209	193.611	22.156	310.921	84.981	0.084	0.082	−32	7.7	0.7	0.1	7.7	1.5	1.99	0.13	PL	···	···	1FGL J1254.4+2209	···	bzb	TXS 1252+224	···
J1255.8−5828	193.964	−58.472	303.512	4.395	0.357	0.237	30	4.5	0.8	0.2	12.4	2.5	2.51	0.13	PL	···	4	···	···	···	···	···
J1256.1−0547	194.042	−5.794	305.097	57.058	0.017	0.016	29	147.8	25.6	0.6	298.4	4.8	2.34	···	LP	T	···	1FGL J1256.2−0547 0FGL J1256.1−0547 3EG J1255−0549 EGR J1256−0552 1AGL J1256−0549	P	BZQ	3C 279	15
J1256.5−1145	194.139	−11.753	304.928	51.099	0.083	0.076	−21	8.4	0.9	0.2	10.4	1.7	2.03	0.13	PL	···	···	1FGL J1256.5−1148	···	agn	PMN J1256−1146	···
J1257.0+3650	194.252	36.839	116.358	80.218	0.107	0.086	−71	9.2	0.8	0.1	9.0	1.5	2.01	0.11	PL	T	···	1FGL J1256.9+3650	···	bzb	1RXS J125716.0+364713	···
J1258.2+3231	194.563	32.523	108.031	84.406	0.197	0.159	−34	6.0	0.4	0.1	7.1	1.3	2.55	0.15	PL	T	···	1FGL J1258.3+3227	···	bzq	ON 393	···
J1258.4−1801	194.608	−18.032	305.276	44.808	0.103	0.087	47	9.6	0.8	0.1	13.2	1.5	2.54	0.11	PL	T	···	1FGL J1258.4−1802	···	bzq	PKS B1256−177	···
J1258.8−2223	194.718	−22.384	305.192	40.455	0.079	0.075	4	14.6	2.0	0.2	24.5	2.2	2.30	0.07	PL	T	···	1FGL J1258.7−2221 EGR J1259−2209	···	bzq	PKS 1256−220	···
J1259.8−3749	194.968	−37.831	304.770	25.011	0.127	0.088	−25	5.5	0.6	0.1	7.4	1.8	1.91	0.17	PL	···	···	1FGL J1300.9−3745	···	···	···	···
J1301.5+0835	195.391	8.584	310.762	71.302	0.103	0.089	−81	7.8	0.8	0.1	8.4	1.5	2.08	0.12	PL	···	···	1FGL J1301.8+0837	···	psr	PSR J1301+08	···
J1301.6+3331	195.423	33.523	104.479	83.234	0.148	0.118	1	6.5	0.6	0.1	6.4	1.2	2.18	0.17	PL	T	···	···	···	agu	5C 12.170	···
J1302.4−3257	195.603	−32.954	305.587	29.861	0.088	0.080	−39	15.3	2.3	0.2	16.9	1.9	2.13	···	LP	···	···	1FGL J1302.3−3255	···	psr	PSR J1302−32	···
J1303.1+2435	195.776	24.598	349.624	86.354	0.049	0.046	−83	26.3	3.0	0.2	24.0	2.0	2.11	···	LP	T	···	1FGL J1303.0+2433	···	bzb	MG2 J130304+2434	···
J1303.5−4622	195.883	−46.375	305.107	16.446	0.194	0.127	38	4.8	0.7	0.2	7.6	1.6	2.21	0.14	PL	···	···	1FGL J1304.0−4622	···	bzq	PMN J1303−4621	···
J1303.7−6316c	195.943	−63.268	304.319	−0.430	0.105	0.082	68	5.8	2.5	0.5	27.4	5.2	2.10	0.13	PL	···	6	···	E	···	···	···
J1303.8−5537	195.965	−55.623	304.699	7.206	0.170	0.145	56	9.6	1.2	0.2	21.1	2.3	2.65	0.09	PL	···	···	···	···	agu	PMN J1303−5540	···
J1304.1−2415	196.032	−24.264	306.630	38.517	0.097	0.085	16	6.8	0.8	0.2	9.7	2.1	1.86	0.13	PL	···	···	···	···	agu	1RXS J130343.6−241506	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1304.3−4353	196.096	−43.896	305.397	18.914	0.039	0.037	−55	23.1	3.7	0.3	43.2	3.6	1.90	0.05	PL	T	···	1FGL J1304.3−4352 3EG J1300−4406	···	agu	1RXS J130421.2−435308	···
J1305.0+1152	196.272	11.870	315.451	74.409	0.197	0.173	55	5.0	0.5	0.1	6.3	1.3	2.21	0.15	PL	···	···	···	···	···	···	···
J1305.1−2110	196.300	−21.175	307.223	41.582	0.096	0.086	−61	5.2	0.6	0.1	7.0	1.6	2.20	0.17	PL	···	1	···	···	agu	PKS B1302−208	···
J1305.7+7854	196.426	78.916	122.060	38.189	0.173	0.124	−9	4.8	0.3	0.1	4.3	1.0	2.35	0.20	PL	···	···	1FGL J1306.0+7852	···	bzb	S5 1304+79	···
J1305.8−4925	196.461	−49.427	305.339	13.377	0.184	0.118	−17	4.7	0.8	0.2	8.4	1.9	2.10	0.15	PL	···	4	1FGL J1305.4−4928	···	sbg	NGC 4945	···
J1306.2−6044	196.567	−60.740	304.745	2.079	0.057	0.055	−0	15.5	5.5	0.5	38.3	3.6	2.16	···	LP	···	···	1FGL J1306.4−6038 3EG J1308−6112	···	···	···	···
J1306.9−4028	196.745	−40.471	306.127	22.305	0.173	0.127	7	5.0	0.7	0.2	8.3	1.6	2.33	0.13	PL	···	3	1FGL J1307.0−4030	···	···	···	···
J1307.5−4300	196.899	−43.007	306.070	19.766	0.048	0.042	−82	14.9	2.0	0.2	24.9	3.3	1.77	0.08	PL	···	···	1FGL J1307.6−4259	···	agu	1RXS J130737.8−425940	···
J1307.6−6704	196.901	−67.076	304.510	−4.254	0.096	0.078	−33	11.5	2.1	0.3	28.7	2.8	2.45	0.07	PL	T	···	1FGL J1307.3−6701	···	agu	PKS 1304−668	···
J1308.5+3547	197.125	35.793	101.240	80.605	0.104	0.094	−76	12.7	1.1	0.1	13.1	1.4	2.28	0.09	PL	T	···	1FGL J1308.5+3550	···	bzq	5C 12.291	···
J1309.3+1154	197.338	11.911	319.243	74.213	0.147	0.131	−63	4.4	0.5	0.1	5.3	1.5	1.91	0.19	PL	···	···	1FGL J1309.2+1156	···	bzb	4C +12.46	···
J1309.4+4304	197.367	43.078	111.174	73.636	0.043	0.041	−89	19.0	1.8	0.2	21.4	2.5	1.84	0.07	PL	···	···	1FGL J1309.5+4304	···	bzb	B3 1307+433	···
J1309.6−6230c	197.412	−62.513	305.032	0.285	0.192	0.127	−7	6.1	3.1	0.5	35.6	5.7	2.22	0.09	PL	···	3,4,5,6,9	1FGL J1309.9−6229c	···	···	···	···
J1310.6+3222	197.674	32.381	85.593	83.289	0.039	0.036	43	46.0	5.3	0.3	52.4	2.6	2.22	···	LP	T	···	1FGL J1310.6+3222 0FGL J1310.6+3220	···	bzq	OP 313	···
J1310.9+0036	197.740	0.607	313.759	63.068	0.110	0.096	−77	4.6	0.4	0.2	6.1	2.3	1.52	0.33	PL	···	···	···	···	bzb	RX J1311.1+0035	···
J1311.7−3429	197.943	−34.489	307.686	28.195	0.034	0.033	−56	43.1	7.7	0.4	61.7	2.9	2.19	···	LP	···	···	1FGL J1311.7−3429 0FGL J1311.9−3419 3EG J1314−3431	···	···	···	···
J1312.0−6458	198.006	−64.973	305.109	−2.188	0.698	0.313	−89	4.5	1.1	0.3	17.2	3.5	2.55	0.13	PL	···	4,8,9	···	···	···	···	···
J1312.4−2157	198.123	−21.954	309.372	40.654	0.061	0.055	87	15.6	2.2	0.2	24.2	2.5	2.02	0.07	PL	T	···	1FGL J1312.4−2156	···	bzb	PKS 1309−216	···
J1312.7+0051	198.183	0.854	314.821	63.233	0.063	0.062	14	14.4	2.5	0.3	13.5	1.6	2.00	···	LP	···	···	1FGL J1312.6+0048	···	psr	PSR J1312+00	···
J1312.8+4828	198.212	48.472	113.323	68.255	0.025	0.023	−68	67.4	9.0	0.3	83.3	3.4	2.11	···	LP	T	···	1FGL J1312.4+4827	···	bzq	GB 1310+487	···
J1312.9−2351	198.242	−23.860	309.248	38.748	0.170	0.122	89	5.7	0.7	0.2	8.7	2.1	1.85	0.16	PL	···	···	···	···	···	···	···
J1313.0−0425	198.259	−4.423	313.136	58.020	0.239	0.156	56	4.1	0.4	0.1	5.5	1.3	2.37	0.18	PL	···	···	···	···	bzq	PKS B1310−041	···
J1314.5−5330	198.641	−53.516	306.411	9.199	0.164	0.123	50	9.3	1.6	0.2	21.7	2.5	2.43	0.08	PL	T	···	1FGL J1314.9−5338	···	agu	PMN J1315−5334	···
J1314.6+2348	198.655	23.807	1.799	83.803	0.077	0.068	−88	15.0	1.4	0.2	16.1	1.7	2.08	0.08	PL	···	···	1FGL J1314.7+2346	···	bzb	TXS 1312+240	···
J1315.6−0730	198.915	−7.510	313.404	54.869	0.108	0.091	−54	6.1	0.6	0.1	7.2	1.7	1.92	0.17	PL	T	11	1FGL J1315.6−0729	···	···	···	···
J1315.9−3339	198.992	−33.663	308.763	28.931	0.070	0.063	−66	17.7	2.6	0.2	31.3	2.3	2.31	0.06	PL	T	···	1FGL J1316.1−3341	···	bzq	PKS 1313−333	···
J1317.2−6304	199.310	−63.078	305.848	−0.352	0.127	0.098	−56	11.6	5.4	0.6	45.3	4.6	2.30	···	LP	···	2	···	···	···	···	···
J1317.9+3426	199.497	34.435	86.616	80.737	0.173	0.159	−79	4.2	0.3	0.1	4.3	1.0	2.38	0.18	PL	T	···	1FGL J1317.8+3425	···	bzq	S4 1315+34	···
J1318.9−1228	199.745	−12.476	313.389	49.835	0.147	0.134	38	4.8	0.5	0.1	6.1	1.4	2.30	0.20	PL	···	···	···	···	agu	PMN J1318−1235	···
J1320.1−5756	200.048	−57.942	306.754	4.716	0.115	0.105	−84	5.6	0.9	0.2	14.5	2.5	2.56	0.13	PL	···	1,4	···	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1321.1+2215	200.298	22.253	358.732	81.670	0.110	0.096	−31	12.7	1.3	0.2	15.3	1.6	2.29	0.08	PL	T	···	1FGL J1321.1+2214	···	bzq	TXS 1318+225	···
J1322.6+8313	200.666	83.227	121.827	33.834	0.128	0.101	32	5.6	0.4	0.1	6.1	1.1	2.59	0.16	PL	T	4	1FGL J1321.3+8310	···	bzq	S5 1322+83	···
J1322.7−0938	200.697	−9.636	315.679	52.458	0.173	0.140	−84	5.6	0.5	0.1	7.8	1.4	2.62	0.17	PL	T	11	1FGL J1322.7−0943	···	bzq	PKS B1319−093	···
J1323.0+2941	200.762	29.695	55.049	82.592	0.064	0.055	79	14.6	1.4	0.2	15.3	1.7	2.07	0.08	PL	T	···	1FGL J1323.1+2942	···	agu	4C +29.48	···
J1324.0−4330e	201.000	−43.500	309.168	18.977	···	···	···	16.2	3.8	0.4	62.1	4.0	2.58	0.06	PL	···	5	3EG J1324−4314	···	RDG	Cen A Lobes	16
J1324.4−5411	201.121	−54.196	307.806	8.363	0.185	0.180	21	4.9	0.9	0.2	12.2	2.5	2.39	0.14	PL	···	4,5	···	···	···	···	···
J1325.6−4300	201.418	−43.015	309.558	19.416	0.064	0.056	34	27.4	3.0	0.2	64.7	2.8	2.76	0.05	PL	···	···	1FGL J1325.6−4300 0FGL J1325.4−4303 3EG J1324−4314	P	RDG	Cen A Core	17
J1326.4−4729	201.605	−47.498	309.036	14.959	0.104	0.089	−2	7.7	2.0	0.3	12.0	2.0	2.18	···	LP	···	···	···	···	glc	Omega Cen	···
J1326.7−5254	201.700	−52.915	308.325	9.586	0.062	0.058	−36	19.7	3.9	0.3	45.1	3.0	2.23	0.05	PL	T	···	1FGL J1327.0−5257 0FGL J1326.6−5302	···	bzb	PMN J1326−5256	···
J1326.8+2210	201.716	22.173	3.228	80.552	0.076	0.072	−9	19.8	1.9	0.2	26.5	1.7	2.47	0.06	PL	T	···	1FGL J1326.6+2213	···	bzq	B2 1324+22	···
J1328.5−4728	202.148	−47.471	309.416	14.932	0.052	0.048	87	9.4	1.0	0.2	15.7	3.3	1.57	0.17	PL	···	···	1FGL J1328.2−4729	···	···	···	···
J1329.2−5608	202.320	−56.136	308.220	6.347	0.085	0.074	−86	16.7	3.7	0.3	34.2	3.0	2.32	···	LP	T	···	1FGL J1329.2−5605 0FGL J1328.8−5604	···	agu	PMN J1329−5608	···
J1329.3−0528	202.341	−5.476	320.044	56.131	0.189	0.163	−26	4.8	0.7	0.2	9.7	2.5	2.44	0.20	PL	···	···	···	···	agn	1RXS J132928.0−053132	···
J1329.5−3448	202.400	−34.802	311.751	27.415	0.175	0.151	−74	4.2	0.4	0.1	6.0	1.4	2.43	0.19	PL	···	4	···	···	···	···	···
J1329.7−6108	202.435	−61.142	307.539	1.386	0.089	0.078	37	5.7	1.7	0.3	20.7	3.6	2.27	0.10	PL	···	3,4	···	···	···	···	···
J1330.1−7002	202.546	−70.046	306.252	−7.424	0.040	0.038	−9	34.5	6.4	0.3	61.7	2.9	2.28	···	LP	T	···	1FGL J1330.7−7006	···	agu	PKS 1326−697	···
J1330.9+7001	202.739	70.032	118.029	46.719	0.091	0.082	5	7.3	0.5	0.1	6.2	1.5	1.76	0.15	PL	···	···	1FGL J1331.0+6957	···	···	···	···
J1332.0−0508	203.015	−5.136	321.371	56.274	0.042	0.041	26	35.8	5.0	0.3	75.6	3.3	2.54	···	LP	T	···	1FGL J1331.9−0506 0FGL J1331.7−0506	···	bzq	PKS 1329−049	···
J1332.5−1255	203.139	−12.923	318.219	48.724	0.056	0.051	−32	26.7	3.5	0.2	45.8	2.4	2.38	0.04	PL	T	···	1FGL J1332.6−1255	···	bzq	PMN J1332−1256	···
J1332.7+4725	203.187	47.417	103.905	68.156	0.226	0.219	20	4.5	0.3	0.1	4.9	1.1	2.54	0.18	PL	T	···	1FGL J1332.9+4728	···	bzq	B3 1330+476	···
J1332.7+2726	203.188	27.450	37.306	80.818	0.158	0.141	4	5.2	0.4	0.1	5.0	1.1	2.28	0.16	PL	T	···	···	···	bzq	MG2 J133305+2725	···
J1333.5+5058	203.385	50.968	107.223	64.857	0.085	0.082	−58	15.0	1.0	0.1	15.1	1.3	2.48	0.08	PL	T	···	1FGL J1333.2+5056 0FGL J1333.3+5058	···	bzq	CLASS J1333+5057	···
J1335.3−4058	203.843	−40.980	311.803	21.133	0.141	0.119	−53	4.6	0.6	0.2	7.1	1.7	2.13	0.18	PL	···	···	···	···	···	···	···
J1335.4−5658	203.875	−56.971	308.937	5.386	0.140	0.121	−55	6.0	1.3	0.2	16.7	2.9	2.35	0.11	PL	T	1	···	···	···	···	···
J1337.7−1257	204.427	−12.955	320.041	48.374	0.064	0.062	−22	14.4	1.8	0.2	24.4	2.1	2.44	0.07	PL	T	···	1FGL J1337.7−1255 EGR J1337−1310	···	bzq	PKS 1335−127	···
J1338.9+1152	204.737	11.883	341.411	71.113	0.072	0.068	−12	9.4	0.9	0.1	9.8	1.8	1.93	0.12	PL	···	···	1FGL J1338.9+1153	···	bzb	BZB J1338+1153	···
J1339.2−2348	204.805	−23.813	316.793	37.769	0.157	0.123	38	5.6	0.6	0.1	7.3	1.5	2.31	0.15	PL	···	4	···	···	···	···	···
J1340.5−0412	205.129	−4.208	325.512	56.497	0.144	0.132	−62	4.3	0.4	0.1	4.8	1.4	1.95	0.21	PL	···	···	1FGL J1340.5−0413	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1340.5+4407	205.132	44.124	95.956	70.343	0.126	0.109	81	4.9	0.4	0.1	4.7	1.4	1.80	0.24	PL	···	···	1FGL J1340.6+4406	···	bzb	RX J1340.4+4410	···
J1341.3−2048	205.334	−20.802	318.348	40.571	0.198	0.179	−55	5.8	0.5	0.1	8.9	1.5	2.63	0.13	PL	T	···	1FGL J1341.1−2045	···	bzq	PKS B1339−206	···
J1344.2−1723	206.068	−17.396	320.477	43.669	0.042	0.039	−85	30.8	5.0	0.3	41.6	2.6	2.13	···	LP	T	···	1FGL J1344.2−1723	···	bzq	PMN J1344−1723	···
J1345.4+4453	206.371	44.897	95.147	69.204	0.060	0.058	6	23.3	2.1	0.2	30.1	1.6	2.47	0.05	PL	T	···	1FGL J1345.4+4453	···	bzq	B3 1343+451	···
J1345.8−3356	206.460	−33.941	315.648	27.584	0.177	0.115	−62	5.4	0.6	0.1	7.2	1.4	2.29	0.18	PL	···	1	···	···	···	···	···
J1345.9+0706	206.490	7.100	338.278	66.156	0.102	0.099	4	6.3	0.6	0.1	7.1	1.4	2.13	0.14	PL	T	···	1FGL J1346.0+0703	···	bzq	TXS 1343+073	···
J1346.0−2605	206.505	−26.094	317.956	35.181	0.185	0.127	−74	5.0	0.6	0.1	6.7	1.4	2.24	0.15	PL	···	···	···	···	···	···	···
J1346.6−6027	206.663	−60.466	309.690	1.679	0.119	0.090	55	5.4	1.9	0.3	23.0	4.3	2.33	0.12	PL	···	1,4	···	···	rdg	Cen B	···
J1347.0−2956	206.759	−29.945	317.047	31.398	0.110	0.105	41	5.0	0.4	0.1	7.5	2.8	1.36	0.30	PL	···	···	···	···	···	···	···
J1347.7−3752	206.927	−37.883	315.023	23.664	0.091	0.084	7	8.0	0.9	0.2	11.1	1.6	2.32	0.12	PL	T	···	1FGL J1347.8−3751	···	bzq	PMN J1347−3750	···
J1349.9−6222	207.481	−62.381	309.653	−0.275	0.072	0.068	−58	11.4	6.6	0.7	54.5	5.8	2.24	···	LP	···	2	···	···	···	···	···
J1350.8+3035	207.713	30.589	51.347	76.550	0.143	0.127	−51	8.8	0.6	0.1	8.8	1.2	2.45	0.11	PL	T	···	1FGL J1351.0+3035	···	bzq	B2 1348+30B	···
J1351.1+0032	207.784	0.543	333.725	59.797	0.156	0.108	1	8.2	0.8	0.1	9.6	1.4	2.29	0.11	PL	T	···	···	···	bzq	PKS 1348+007	···
J1351.1−2749	207.787	−27.833	318.730	33.200	0.176	0.143	17	4.4	0.5	0.1	6.4	1.5	2.38	0.17	PL	T	4	···	···	···	···	···
J1351.3−2909	207.846	−29.158	318.361	31.911	0.119	0.109	54	6.0	0.7	0.1	8.5	1.6	2.32	0.13	PL	T	···	···	···	agu	PKS 1348−289	···
J1351.4+1115	207.867	11.256	347.454	68.765	0.073	0.068	−79	7.2	0.4	0.1	7.6	2.4	1.46	0.19	PL	···	···	1FGL J1351.5+1115	···	bzb	RX J1351.3+1115	···
J1352.6−4413	208.171	−44.230	314.362	17.278	0.119	0.107	74	5.3	0.6	0.1	7.2	1.6	2.13	0.17	PL	···	···	···	···	bzb	PKS 1349−439	···
J1353.3+1435	208.328	14.598	355.028	70.906	0.106	0.102	−58	6.0	0.5	0.1	6.3	1.2	2.26	0.17	PL	···	···	1FGL J1353.3+1434	···	bzb	OP 186	···
J1353.5−6640	208.382	−66.681	309.033	−4.548	0.067	0.060	57	7.0	0.9	0.2	11.7	2.5	1.80	0.17	PL	···	···	1FGL J1353.6−6640	···	···	···	···
J1354.5+3703	208.642	37.051	73.531	73.388	0.180	0.155	−66	6.1	0.5	0.1	6.0	1.2	2.14	0.15	PL	···	···	···	···	bzb	FIRST J135426.6+370654	···
J1354.7−1047	208.695	−10.791	327.093	49.086	0.140	0.109	39	14.6	1.3	0.2	20.1	1.6	2.57	0.08	PL	T	···	1FGL J1354.9−1041 0FGL J1355.0−1044	···	bzq	PKS 1352−104	···
J1356.0−6436	209.019	−64.612	309.793	−2.605	0.116	0.095	−16	11.8	2.5	0.4	33.8	3.5	2.52	···	EC	···	···	···	E	PSR	PSR J1357−6429	···
J1358.0+0137	209.515	1.617	337.775	59.903	0.263	0.206	−76	4.6	0.5	0.1	6.0	1.3	2.28	0.16	PL	···	···	···	···	···	···	···
J1358.1+7644	209.532	76.746	118.025	39.740	0.098	0.093	−74	11.0	0.8	0.1	10.1	1.1	2.30	0.10	PL	T	···	1FGL J1358.1+7646	···	bzq	S5 1357+76	···
J1358.8−6027c	209.713	−60.457	311.154	1.334	0.108	0.084	−64	5.5	2.3	0.4	27.6	5.1	2.27	0.10	PL	···	2,4,6	···	···	···	···	···
J1359.4+5541	209.852	55.689	104.324	58.916	0.154	0.129	−20	10.8	0.5	0.1	10.5	1.1	2.70	0.11	PL	T	···	1FGL J1359.1+5539	···	bzq	87GB 135720.6+555936	···
J1359.9−3746	209.987	−37.777	317.595	23.136	0.089	0.067	16	6.4	0.6	0.2	8.7	2.4	1.63	0.17	PL	···	···	1FGL J1400.1−3743	···	bzb	PMN J1359−3746	···
J1400.2−2412	210.075	−24.211	322.433	36.039	0.164	0.115	−28	4.3	0.5	0.1	5.5	1.5	2.01	0.16	PL	···	···	···	···	···	···	···
J1400.6−5601	210.170	−56.020	312.551	5.553	0.117	0.100	12	9.2	1.9	0.3	15.0	2.3	2.36	···	LP	T	···	1FGL J1400.9−5559	···	agu	PMN J1400−5605	···
J1400.7−1438	210.185	−14.649	326.962	44.964	0.155	0.134	82	5.6	0.7	0.1	8.3	1.5	2.33	0.14	PL	···	···	···	···	···	···	···
J1404.0−5244	211.014	−52.739	313.931	8.575	0.172	0.156	19	4.3	0.9	0.2	10.1	2.2	2.24	0.13	PL	···	···	···	···	···	···	···
J1405.1+0405	211.296	4.084	343.529	61.002	0.205	0.186	32	4.5	0.5	0.1	5.9	1.6	1.90	0.17	PL	···	···	···	···	bzq	PKS 1402+044	···
J1405.5−6121	211.375	−61.364	311.686	0.242	0.057	0.047	−37	15.8	12.9	0.9	105.9	8.7	2.24	···	LP	···	2	1FGL J1405.1−6123c	···	···	···	···
J1406.2−2510	211.557	−25.170	323.593	34.683	0.068	0.064	−87	7.7	0.7	0.1	10.1	2.5	1.63	0.16	PL	···	···	1FGL J1406.2−2510	···	agu	NVSS J140609−250808	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1407.4−2948	211.857	−29.816	322.011	30.224	0.352	0.235	−4	5.3	0.5	0.1	7.8	1.4	2.51	0.13	PL	···	2	1FGL J1407.9−2928	···	···	···	···
J1407.5−4257	211.884	−42.966	317.437	17.752	0.092	0.083	77	5.8	0.7	0.2	8.2	1.9	1.91	0.14	PL	···	···	1FGL J1407.5−4256	···	agu	CGRaBS J1407−4302	···
J1407.6−5937c	211.915	−59.627	312.439	1.830	0.187	0.109	29	4.8	1.7	0.4	20.7	4.3	2.27	0.13	PL	···	4,6	···	···	···	···	···
J1408.8−0751	212.208	−7.866	333.851	50.301	0.077	0.069	−79	17.5	1.7	0.2	23.7	1.7	2.43	0.06	PL	T	···	1FGL J1408.9−0751 3EG J1409−0745	···	bzq	PKS B1406−076	···
J1409.9−6129	212.497	−61.494	312.162	−0.038	0.098	0.062	79	7.4	5.7	0.9	54.1	10.9	2.11	···	EC	···	2,4,5	1FGL J1410.3−6128c 3EG J1410−6147 1AGL J1412−6149	···	PSR	PSR J1410−6132	···
J1410.3+2811	212.600	28.199	41.021	72.502	0.150	0.122	−2	4.6	0.3	0.1	5.6	2.0	1.52	0.23	PL	···	···	···	···	bzb	BZB J1410+2820	···
J1410.4+7411	212.607	74.198	115.839	41.825	0.078	0.069	−52	9.1	0.6	0.1	7.4	1.3	1.93	0.15	PL	···	···	···	···	···	···	···
J1411.9−5744	212.992	−57.742	313.537	3.462	0.116	0.116	−29	4.9	1.2	0.3	14.9	3.1	2.33	0.13	PL	···	4	···	···	†	···	···
J1413.4−6204	213.359	−62.075	312.372	−0.716	0.025	0.023	4	34.7	25.5	1.0	164.4	7.7	2.11	···	EC	···	···	1FGL J1413.4−6205 0FGL J1413.1−6203 EGRc J1414−6224 1AGL J1412−6149	···	PSR	LAT PSR J1413−6205	···
J1414.1−5450	213.540	−54.835	314.736	6.130	0.199	0.165	17	5.3	0.9	0.2	14.1	2.5	2.53	0.12	PL	···	4,8	···	···	···	···	···
J1415.7−6520	213.929	−65.338	311.580	−3.891	0.128	0.106	32	4.5	1.0	0.2	12.0	2.8	2.27	0.15	PL	···	4	···	···	···	···	···
J1416.0+1323	214.006	13.387	2.319	65.934	0.183	0.136	−82	5.8	0.4	0.1	7.2	1.3	2.60	0.15	PL	T	···	···	···	agu	PKS B1413+135	···
J1416.3−2415	214.090	−24.256	326.604	34.682	0.131	0.109	9	4.4	0.3	0.1	5.3	2.1	1.43	0.28	PL	···	···	···	···	agu	NVSS J141612−241812	···
J1417.5−4404	214.376	−44.079	318.850	16.116	0.144	0.112	−15	6.6	0.8	0.2	10.9	1.8	2.39	0.13	PL	···	···	1FGL J1417.7−4407	···	···	···	···
J1417.7−5028	214.430	−50.470	316.681	10.084	0.202	0.125	−0	5.0	0.9	0.2	10.1	2.1	2.25	0.13	PL	···	···	1FGL J1417.7−5030	···	···	···	···
J1418.1+2539	214.534	25.655	33.507	70.552	0.202	0.140	−90	4.6	0.4	0.1	5.0	1.3	1.98	0.19	PL	···	···	1FGL J1417.8+2541	···	bzb	BZB J1417+2543	···
J1418.4−0234	214.603	−2.574	341.563	53.644	0.046	0.041	40	18.8	2.2	0.2	29.2	3.7	1.70	0.07	PL	T	···	1FGL J1418.3−0235	···	bzb	BZB J1418−0233	···
J1418.7−6058	214.691	−60.978	313.326	0.119	0.020	0.020	86	27.8	43.1	2.0	316.9	17.2	2.20	···	EC	···	2	1FGL J1418.7−6057 0FGL J1418.8−6058 1AGL J1419−6055	E	PSR	LAT PSR J1418−6058	···
J1419.4+3820	214.857	38.344	69.829	68.448	0.186	0.163	74	7.8	0.5	0.1	8.2	1.2	2.65	0.14	PL	···	···	···	···	bzq	B3 1417+385	···
J1419.4−0835	214.866	−8.596	336.848	48.393	0.132	0.119	−83	7.0	0.7	0.1	8.4	1.5	2.17	0.12	PL	T	···	···	···	agu	NVSS J141922−083830	···
J1419.4+7730	214.870	77.511	116.981	38.581	0.106	0.089	−11	5.1	0.3	0.1	3.8	1.2	1.78	0.24	PL	···	···	1FGL J1419.7+7731	···	agu	1RXS J141901.8+773229	···
J1420.1−6047	215.027	−60.797	313.541	0.235	0.038	0.037	42	12.1	18.9	1.8	145.9	16.6	2.26	···	EC	···	5	1FGL J1420.1−6048 3EG J1420−6038 EGR J1418−6040 1AGL J1419−6055	E	PSR	PSR J1420−6048	···
J1420.2+5422	215.067	54.376	98.181	58.275	0.109	0.091	−63	10.9	0.8	0.1	9.8	1.1	2.37	0.11	PL	···	···	1FGL J1421.0+5421	···	bzb	OQ 530	···
J1421.1−1117	215.277	−11.299	335.400	45.843	0.207	0.148	87	4.7	0.6	0.1	6.5	1.5	2.14	0.16	PL	···	···	···	···	agu	PMN J1420−1118	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1422.3−6841	215.579	−68.696	311.064	−7.272	0.130	0.113	−56	7.0	0.9	0.2	15.0	2.2	2.58	0.12	PL	···	···	···	···	···	···	···
J1422.5−6137c	215.635	−61.623	313.535	−0.641	0.044	0.040	−35	12.2	5.9	0.7	30.4	3.1	1.92	···	LP	···	3,6,12	···	···	···	···	···
J1423.9−7842	215.982	−78.715	307.533	−16.679	0.159	0.118	−20	4.9	0.6	0.1	7.0	1.7	2.03	0.14	PL	T	···	1FGL J1424.5−7847	···	···	···	···
J1424.2−1752	216.054	−17.880	332.080	39.683	0.088	0.072	54	6.5	0.7	0.1	8.1	1.7	1.97	0.16	PL	···	···	···	···	···	···	···
J1425.1+3615	216.299	36.265	63.458	68.140	0.092	0.077	44	10.5	0.9	0.1	10.4	1.4	2.14	0.11	PL	···	···	1FGL J1425.0+3614	···	bzb	BZB J1424+3615	···
J1426.1+3406	216.543	34.100	57.660	68.519	0.105	0.094	−33	6.1	0.5	0.1	5.9	1.6	1.83	0.18	PL	···	···	1FGL J1426.0+3403	···	bzb	BZB J1426+3404	···
J1427.0+2347	216.760	23.795	29.479	68.199	0.020	0.019	89	64.1	11.5	0.4	144.5	6.8	1.78	0.02	PL	T	···	1FGL J1426.9+2347 0FGL J1427.1+2347	P	bzb	PKS 1424+240	···
J1427.4−3306	216.854	−33.104	325.125	25.598	0.164	0.128	31	9.5	0.9	0.2	13.6	1.6	2.48	0.10	PL	···	···	···	···	bzb	PKS B1424−328	···
J1427.6−6048c	216.903	−60.804	314.396	−0.091	0.095	0.082	70	5.9	2.8	1.0	32.5	5.6	2.22	···	LP	···	2,4,6	···	E	···	···	···
J1428.0−4206	217.012	−42.104	321.468	17.264	0.023	0.023	16	68.3	14.7	0.5	130.9	4.3	2.13	···	LP	T	···	1FGL J1428.2−4204 3EG J1429−4217 EGR J1428−4240	···	BZQ	PKS B1424−418	···
J1428.6+4240	217.154	42.673	77.472	64.887	0.050	0.045	−47	13.1	0.8	0.1	16.8	3.6	1.32	0.12	PL	···	···	1FGL J1428.7+4239	P	bzb	H 1426+428	···
J1430.0−5909	217.511	−59.166	315.280	1.321	0.039	0.037	50	26.5	11.6	0.6	94.8	4.9	2.30	···	EC	···	···	1FGL J1429.9−5911	···	PSR	LAT PSR J1429−5911	···
J1433.8+4205	218.453	42.086	75.192	64.331	0.125	0.105	−70	7.0	0.5	0.1	6.4	1.1	2.26	0.14	PL	T	···	1FGL J1433.9+4204	···	bzq	B3 1432+422	···
J1435.1+2022	218.786	20.368	22.606	65.378	0.172	0.148	20	5.4	0.5	0.1	6.3	1.2	2.35	0.16	PL	···	···	···	···	bzb	CRATES J1435+2021	···
J1436.9+2319	219.233	23.329	29.750	65.887	0.141	0.110	4	5.2	0.4	0.1	5.9	1.3	2.41	0.18	PL	···	···	1FGL J1436.9+2314	···	bzq	PKS B1434+235	···
J1437.1+5640	219.276	56.676	97.728	54.974	0.056	0.048	−20	8.0	0.5	0.1	7.8	2.1	1.53	0.16	PL	···	···	1FGL J1437.0+5640	···	bzb	BZB J1436+5639	···
J1437.2−5211	219.308	−52.191	318.913	7.367	0.196	0.146	−88	4.9	0.9	0.2	12.1	2.3	2.43	0.13	PL	···	4	···	···	···	···	···
J1438.7+3712	219.684	37.208	63.715	65.270	0.069	0.063	−47	21.1	1.9	0.2	23.0	1.6	2.28	0.06	PL	T	···	1FGL J1438.7+3711	···	bzq	B2 1436+37B	···
J1439.2+3932	219.802	39.536	68.841	64.442	0.147	0.123	46	5.5	0.4	0.1	5.6	1.7	1.69	0.17	PL	···	···	1FGL J1439.2+3930	···	bzb	PG 1437+398	···
J1440.3−1540	220.076	−15.669	337.851	39.709	0.175	0.135	16	4.1	0.5	0.1	6.5	1.5	2.40	0.16	PL	···	11	1FGL J1441.7−1538	···	bzb	PKS 1437−153	···
J1440.3+4948	220.099	49.816	87.710	59.198	0.266	0.170	−54	4.6	0.3	0.1	4.7	1.1	2.45	0.21	PL	···	···	···	···	bzb	GB6 J1439+4958	···
J1440.9+0611	220.248	6.189	359.097	56.593	0.069	0.057	−86	10.4	1.1	0.2	12.2	1.6	2.16	0.11	PL	T	···	1FGL J1440.9+0613	···	bzb	PMN J1440+0610	···
J1441.1−3304	220.282	−33.070	328.008	24.406	0.249	0.149	−28	5.4	0.4	0.1	8.5	1.5	2.76	0.17	PL	T	4	···	···	bzq	PKS 1438−328	···
J1441.6−5956	220.414	−59.937	316.332	0.036	0.167	0.098	−71	7.0	3.8	0.6	43.2	6.2	2.20	0.08	PL	···	2,10	1FGL J1442.0−6000c	···	†	···	···
J1442.0+4352	220.522	43.877	77.160	62.159	0.109	0.072	−13	7.4	0.5	0.1	7.5	2.0	1.62	0.15	PL	···	···	1FGL J1442.1+4348	···	bzb	BZB J1442+4348	···
J1442.7+1159	220.688	11.996	8.291	59.842	0.086	0.075	−59	6.5	0.5	0.1	8.9	2.9	1.41	0.18	PL	···	···	1FGL J1442.8+1158	P	bzb	1ES 1440+122	···
J1443.9−3908	220.985	−39.135	325.643	18.725	0.037	0.036	26	21.2	3.2	0.3	41.3	4.1	1.77	0.06	PL	···	···	1FGL J1444.0−3906	···	bzb	PKS 1440−389	···
J1444.1+2500	221.029	25.015	34.548	64.661	0.109	0.093	73	9.4	0.9	0.1	10.2	1.6	2.03	0.12	PL	···	···	1FGL J1443.8+2457	···	bzq	PKS 1441+25	···
J1446.6−5753	221.662	−57.894	317.775	1.619	0.170	0.136	−7	10.8	1.5	0.4	32.0	3.6	2.53	···	LP	···	1,4	···	···	···	···	···
J1446.8−4701	221.708	−47.030	322.535	11.402	0.124	0.103	51	7.2	1.2	0.2	12.9	2.1	2.13	0.11	PL	···	···	1FGL J1446.8−4702	···	···	···	···
J1448.0+3608	222.002	36.137	60.256	63.725	0.070	0.066	10	12.8	1.2	0.2	13.9	2.0	1.89	0.09	PL	T	···	1FGL J1447.9+3608	···	bzb	RBS 1432	···
J1451.0+5159	222.751	51.991	89.097	56.554	0.089	0.084	−69	7.1	0.7	0.1	8.0	1.5	2.11	0.13	PL	···	5	1FGL J1451.0+5204	···	bzb	BZB J1450+5201	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1454.4+5123	223.622	51.400	87.656	56.458	0.051	0.049	58	18.5	2.0	0.2	22.4	2.1	2.04	0.07	PL	···	···	1FGL J1454.6+5125	···	bzb	TXS 1452+516	···
J1456.7−6247c	224.200	−62.788	316.715	−3.321	0.200	0.143	78	4.4	1.2	0.3	14.9	3.3	2.32	0.14	PL	···	6	···	···	···	···	···
J1457.4−3540	224.363	−35.671	329.886	20.521	0.026	0.026	21	66.5	11.9	0.4	120.7	3.5	2.27	···	LP	T	···	1FGL J1457.5−3540 0FGL J1457.6−3538 3EG J1500−3509	···	BZQ	PKS 1454−354	18
J1458.5−2121	224.643	−21.362	338.533	32.579	0.150	0.116	77	4.1	0.5	0.1	6.5	1.5	2.28	0.18	PL	···	···	···	···	···	···	···
J1459.4−6054	224.857	−60.913	317.867	−1.808	0.033	0.031	22	37.9	13.9	0.6	121.7	4.5	2.32	···	EC	···	···	1FGL J1459.4−6053 0FGL J1459.4−6056	···	PSR	LAT PSR J1459−6053	···
J1501.0+2238	225.275	22.639	31.462	60.336	0.049	0.042	79	17.5	1.9	0.2	23.9	3.0	1.77	0.07	PL	T	···	1FGL J1501.1+2237	···	bzb	MS 1458.8+2249	···
J1502.1+5548	225.534	55.816	92.704	52.951	0.157	0.150	−41	6.8	0.4	0.1	7.7	1.1	2.65	0.13	PL	T	···	···	···	···	···	···
J1502.4+4804	225.615	48.077	81.249	57.071	0.173	0.139	−89	9.5	0.6	0.1	10.1	1.2	2.63	0.11	PL	T	···	1FGL J1503.3+4759	···	···	···	···
J1503.7−1541	225.941	−15.700	343.738	36.477	0.098	0.095	7	7.7	0.9	0.2	11.8	2.4	1.80	0.15	PL	···	···	1FGL J1503.5−1544 3EG J1504−1537 EGR J1504−1539	···	bzb	RBS 1457	···
J1503.9−5800c	225.995	−58.008	319.767	0.465	0.100	0.084	−21	6.2	2.9	0.5	35.9	6.0	2.31	0.10	PL	···	6	1FGL J1503.4−5805c	E	···	···	···
J1504.3+1029	226.095	10.488	11.366	54.585	0.013	0.013	−53	116.1	40.1	0.7	382.2	7.3	2.21	···	LP	T	···	1FGL J1504.4+1029 0FGL J1504.4+1030	···	BZQ	PKS 1502+106	19
J1504.9−3433	226.249	−34.564	331.907	20.685	0.142	0.120	−64	5.1	0.7	0.2	8.5	1.8	2.24	0.16	PL	···	···	1FGL J1505.1−3435 3EG J1500−3509	···	bzb	PMN J1505−3432	···
J1505.1+0324	226.292	3.407	2.200	50.220	0.102	0.088	−26	14.5	1.4	0.2	20.5	1.7	2.51	0.07	PL	···	···	1FGL J1505.0+0328	···	sey	PKS 1502+036	···
J1506.0+3729	226.506	37.489	61.609	59.927	0.127	0.113	37	10.7	0.7	0.1	10.8	1.2	2.57	0.10	PL	T	···	1FGL J1505.8+3725	···	bzq	B2 1504+37	···
J1506.6+0806	226.673	8.102	8.556	52.781	0.161	0.120	23	5.4	0.6	0.1	6.7	1.6	1.96	0.16	PL	···	···	···	···	bzb	PMN J1506+0814	···
J1506.9+1052	226.748	10.868	12.506	54.245	0.105	0.098	−42	4.1	0.7	0.2	17.8	4.6	2.85	0.18	PL	···	5	···	···	···	···	···
J1507.0−6223	226.752	−62.397	317.936	−3.542	0.143	0.094	18	4.6	1.0	0.3	12.2	3.0	1.87	0.20	PL	···	···	···	E	···	···	···
J1508.5+2709	227.144	27.150	40.981	59.588	0.131	0.104	−27	5.0	0.4	0.1	4.6	1.2	1.97	0.27	PL	···	···	···	···	bzb	RBS 1467	···
J1508.5−4957	227.149	−49.951	324.359	7.127	0.113	0.097	61	7.6	1.3	0.2	22.8	3.0	2.61	0.09	PL	T	5	···	···	agu	PMN J1508−4953	···
J1508.9−4342	227.227	−43.708	327.636	12.472	0.249	0.181	−55	4.5	0.5	0.1	9.5	1.9	2.65	0.14	PL	T	···	···	···	bzq	PMN J1509−4340	···
J1509.6−5850	227.403	−58.835	319.997	−0.619	0.037	0.035	14	22.1	14.5	0.8	109.4	9.0	2.28	···	EC	···	···	1FGL J1509.4−5850 0FGL J1509.5−5848 1AGL J1506−5859	···	PSR	PSR J1509−5850	···
J1509.7+5556	227.443	55.935	91.829	52.014	0.081	0.078	−76	6.3	0.4	0.1	5.0	1.4	1.76	0.21	PL	···	···	1FGL J1509.4+5602	···	bzb	SBS 1508+561	···
J1510.9−0545	227.726	−5.759	353.874	42.905	0.076	0.072	5	12.6	2.2	0.2	30.9	3.0	2.44	0.06	PL	T	···	1FGL J1511.1−0545 0FGL J1511.2−0536	···	bzq	PKS 1508−05	···
J1510.9−5808c	227.735	−58.138	320.500	−0.107	0.109	0.082	−26	4.4	2.6	0.5	33.8	7.7	2.38	0.12	PL	···	4,5,6	1FGL J1510.8−5804c	···	···	···	···
J1511.8−0513	227.967	−5.223	354.620	43.121	0.084	0.070	−85	7.8	1.2	0.2	14.2	2.5	2.22	0.12	PL	T	5	1FGL J1511.8−0513	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1512.2+0201	228.070	2.023	2.323	47.970	0.066	0.063	75	14.3	1.8	0.2	20.3	2.0	2.17	0.08	PL	···	···	1FGL J1512.3+0201	···	bzq	PKS 1509+022	···
J1512.5−6247c	228.149	−62.785	318.294	−4.203	0.179	0.150	70	7.4	0.6	0.2	22.5	2.8	2.54	···	LP	···	1,6,12	···	···	···	···	···
J1512.8−0906	228.207	−9.103	351.283	40.138	0.014	0.014	−38	202.4	40.6	0.7	510.5	6.0	2.39	···	LP	T	···	1FGL J1512.8−0906 0FGL J1512.7−0905 3EG J1512−0849 EGR J1512−0857 1AGL J1511−0908	P	BZQ	PKS 1510−08	20,21
J1513.5−2546	228.381	−25.767	338.897	27.007	0.156	0.149	43	4.4	0.7	0.2	7.3	1.7	2.15	0.14	PL	···	···	3EG J1517−2538	···	···	···	···
J1513.6−3233	228.402	−32.565	334.681	21.400	0.122	0.116	18	11.3	1.6	0.2	20.6	2.1	2.41	0.08	PL	T	···	···	···	bzq	PKS 1510−324	···
J1513.9−2256	228.481	−22.947	340.858	29.238	0.131	0.122	−88	4.3	0.6	0.2	6.6	1.8	1.96	0.24	PL	···	···	···	···	···	···	···
J1514.0−5915e	228.507	−59.256	320.270	−1.271	···	···	···	···	2.9	···	45.6	···	1.57	···	PL	···	4,5	···	E	PWN	MSH 15−52 PWN	22
J1514.1−4946	228.544	−49.773	325.229	6.817	0.036	0.034	10	26.1	7.0	0.4	42.7	3.5	2.05	···	LP	···	···	1FGL J1514.1−4945 0FGL J1514.3−4946	···	psr	PSR J1514−49	···
J1514.6−4751	228.657	−47.850	326.311	8.416	0.072	0.061	74	11.7	2.1	0.2	24.5	2.5	2.25	0.07	PL	T	···	1FGL J1514.1−4745	···	agu	PMN J1514−4748	···
J1514.6+4449	228.659	44.823	74.274	56.452	0.124	0.112	−46	8.7	0.8	0.1	9.2	1.3	2.29	0.12	PL	T	···	1FGL J1514.7+4447	···	bzq	BZQ J1514+4450	···
J1516.9+1925	229.248	19.425	27.806	55.824	0.155	0.136	−68	4.9	0.5	0.1	6.6	1.3	2.46	0.16	PL	···	···	1FGL J1516.9+1928	···	bzb	PKS 1514+197	···
J1517.2+3645	229.317	36.764	59.580	57.818	0.157	0.132	24	4.1	0.3	0.1	3.9	1.0	2.13	0.19	PL	T	···	···	···	···	···	···
J1517.7−2421	229.435	−24.360	340.698	27.582	0.037	0.035	−6	29.2	5.2	0.3	57.3	3.5	2.05	0.04	PL	···	···	1FGL J1517.8−2423 0FGL J1517.9−2423	P	bzb	AP Librae	···
J1518.0+6526	229.517	65.437	102.249	45.358	0.076	0.072	−25	9.6	0.7	0.1	9.8	2.0	1.66	0.13	PL	···	···	1FGL J1517.8+6530	···	bzb	1H 1515+660	···
J1518.2−2733	229.552	−27.561	338.678	24.940	0.103	0.089	−72	6.7	1.0	0.2	11.3	2.1	2.05	0.14	PL	···	···	···	···	agu	TXS 1515−273	···
J1518.4−5233	229.614	−52.566	324.319	4.092	0.106	0.088	61	5.6	1.3	0.2	14.2	2.8	1.99	0.11	PL	···	···	1FGL J1518.0−5233	···	···	···	···
J1520.8−0349	230.221	−3.833	358.115	42.478	0.089	0.079	−56	8.7	1.1	0.2	13.1	2.4	1.84	0.12	PL	···	···	1FGL J1521.0−0350	···	bzb	NVSS J152048−034850	···
J1520.9+4209	230.241	42.164	69.088	56.127	0.286	0.195	−84	7.3	0.3	0.1	5.1	0.8	2.65	···	LP	···	12	1FGL J1519.7+4216	···	bzq	B3 1518+423	···
J1521.8−5735	230.458	−57.598	322.016	−0.409	0.055	0.050	67	16.7	8.9	0.7	65.0	5.4	2.28	···	LP	···	···	1FGL J1521.8−5734c	···	†	···	···
J1522.0+4348	230.506	43.805	71.816	55.508	0.254	0.230	−27	5.4	0.2	0.1	7.7	1.3	2.99	0.16	PL	T	···	···	···	bzq	B3 1520+437	···
J1522.1+3144	230.542	31.744	50.176	57.023	0.019	0.019	55	131.4	17.6	0.5	213.7	3.7	2.37	···	LP	T	···	1FGL J1522.1+3143 0FGL J1522.2+3143	···	bzq	B2 1520+31	···
J1522.7−2731	230.676	−27.523	339.586	24.380	0.053	0.048	−35	20.3	3.5	0.3	40.9	2.8	2.22	0.05	PL	T	···	1FGL J1522.6−2732	···	bzb	PKS 1519−273	···
J1528.0−5841	232.007	−58.691	322.094	−1.771	0.103	0.084	49	7.3	2.4	0.4	31.8	4.3	2.42	0.09	PL	···	1	···	···	···	···	···
J1531.0+5725	232.753	57.431	91.356	48.751	0.153	0.125	−11	4.8	0.4	0.1	4.2	1.0	2.08	0.21	PL	···	···	···	···	···	···	···
J1535.4+3720	233.861	37.335	59.962	54.153	0.160	0.132	−43	5.0	0.4	0.1	5.1	1.1	2.15	0.16	PL	···	···	···	···	bzb	RGB J1534+372	···
J1536.4−4949	234.124	−49.829	328.205	4.767	0.028	0.026	0	40.3	12.0	0.5	94.6	4.5	2.09	···	LP	···	···	1FGL J1536.5−4949 0FGL J1536.7−4947	···	···	···	···
J1537.4−7957	234.356	−79.961	309.967	−19.439	0.122	0.111	28	5.3	0.7	0.2	7.7	1.6	2.19	0.16	PL	···	···	···	···	agu	PMN J1537−7958	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1538.1+8159	234.530	81.988	116.590	32.970	0.069	0.063	−80	7.6	0.4	0.1	7.3	2.0	1.48	0.16	PL	···	···	1FGL J1536.6+8200	···	bzb	1ES 1544+820	···
J1539.2−3325	234.813	−33.428	338.743	17.529	0.072	0.067	54	10.8	2.3	0.3	10.6	1.5	1.85	···	LP	···	···	1FGL J1539.0−3328	···	···	···	···
J1539.3−4636	234.835	−46.611	330.511	7.074	0.439	0.240	−16	6.9	1.1	0.2	17.9	2.7	2.60	0.11	PL	···	4,8,9	···	···	···	···	···
J1539.5+2747	234.896	27.791	43.951	52.879	0.114	0.097	11	6.8	0.6	0.1	7.2	1.5	1.99	0.13	PL	T	···	1FGL J1539.7+2747	···	bzq	MG2 J153938+2744	···
J1540.4+1438	235.102	14.644	24.053	48.828	0.232	0.181	13	4.6	0.5	0.1	6.3	1.4	2.28	0.19	PL	···	···	···	···	bzb	4C +14.60	···
J1542.9+6129	235.729	61.489	95.383	45.401	0.026	0.025	−17	51.7	6.4	0.3	71.7	3.4	1.97	0.03	PL	T	···	1FGL J1542.9+6129	···	bzb	GB6 J1542+6129	···
																		0FGL J1543.1+6130				
J1543.7−0241	235.934	−2.692	4.167	38.901	0.236	0.203	71	4.3	0.6	0.2	8.1	1.7	2.46	0.14	PL	···	···	1FGL J1544.0−0252	···	···	···	···
J1544.1−2554	236.042	−25.912	344.751	22.610	0.178	0.136	−14	8.5	1.2	0.2	16.0	2.0	2.40	0.10	PL	···	···	···	···	···	···	···
J1544.5−1126	236.139	−11.446	356.170	32.994	0.142	0.120	57	5.8	0.8	0.2	10.0	1.8	2.35	0.12	PL	T	···	1FGL J1544.5−1127	···	···	···	···
J1546.1+0820	236.527	8.342	16.829	44.678	0.104	0.083	8	4.9	0.3	0.1	5.4	2.0	1.57	0.21	PL	···	···	···	···	bzb	1RXS J154604.6+081912	···
J1548.3+1453	237.088	14.900	25.586	47.183	0.082	0.072	56	10.4	1.1	0.2	13.1	1.7	2.22	0.11	PL	···	···	1FGL J1548.6+1451	···	···	···	···
J1548.8−2251	237.212	−22.862	347.841	24.157	0.077	0.063	23	8.5	1.2	0.2	13.9	2.4	1.93	0.13	PL	···	···	1FGL J1548.7−2250	···	bzb	PMN J1548−2251	···
J1549.5+0237	237.388	2.627	10.869	40.897	0.073	0.062	61	16.6	1.8	0.2	25.5	1.9	2.46	0.07	PL	T	···	1FGL J1549.3+0235	···	bzq	PKS 1546+027	···
J1549.7−0657	237.432	−6.965	1.226	35.031	0.114	0.094	−62	5.5	0.7	0.2	8.3	1.7	2.10	0.13	PL	···	···	1FGL J1549.7−0659	···	psr	PSR J1549−06	···
J1550.7+0526	237.687	5.434	14.224	42.187	0.120	0.112	59	9.0	1.0	0.2	12.6	1.6	2.32	0.11	PL	···	···	1FGL J1550.7+0527	···	bzq	4C +05.64	···
J1551.0−4636	237.770	−46.608	332.111	5.835	0.162	0.128	−43	7.1	0.5	0.2	16.6	2.5	2.62	···	LP	···	1,4,12	···	···	···	···	···
J1551.3−5333c	237.837	−53.562	327.756	0.406	0.119	0.080	−24	5.7	5.4	0.9	33.7	7.1	2.05	···	LP	···	3,5,6	···	···	···	···	···
J1551.9+0855	237.975	8.925	18.526	43.724	0.121	0.099	−9	5.0	0.6	0.1	6.2	1.5	2.00	0.16	PL	···	···	1FGL J1551.7+0851	···	bzb	TXS 1549+089	···
J1552.8−4824	238.212	−48.410	331.197	4.251	0.241	0.147	18	6.6	0.6	0.2	19.3	2.9	2.53	···	LP	···	4,12	···	···	···	···	···
J1552.8−5609	238.214	−56.152	326.290	−1.739	0.046	0.043	52	15.3	5.0	0.4	56.8	5.1	1.93	0.06	PL	···	···	1FGL J1552.4−5609	···	†	···	···
J1553.2−2424	238.322	−24.404	347.501	22.337	0.165	0.134	−56	4.4	0.6	0.2	8.6	1.9	2.45	0.17	PL	···	···	1FGL J1553.4−2425	···	agu	PKS 1550−242	···
J1553.5−3116	238.383	−31.273	342.614	17.231	0.065	0.059	−25	7.1	0.7	0.2	11.3	2.8	1.57	0.14	PL	···	···	1FGL J1553.5−3116	···	bzb	1RXS J155333.4−311841	···
J1553.5+1255	238.388	12.929	23.767	45.211	0.044	0.042	72	33.0	4.9	0.3	42.1	2.3	2.23	···	LP	T	···	1FGL J1553.4+1255	···	bzq	PKS 1551+130	···
																		0FGL J1553.4+1255				
J1553.5−0324	238.396	−3.401	5.385	36.530	0.170	0.115	−15	5.2	0.9	0.2	10.4	2.1	2.22	0.14	PL	···	···	···	···	···	···	···
J1554.4−5317c	238.624	−53.289	328.292	0.320	0.089	0.075	−5	7.9	7.7	1.0	56.2	7.9	2.10	···	LP	···	6	1FGL J1554.8−5312c	···	···	···	···
J1555.7+1111	238.942	11.190	21.917	43.953	0.015	0.015	88	69.2	14.0	0.5	197.4	9.2	1.67	0.02	PL	T	···	1FGL J1555.7+1111	P	bzb	PG 1553+113	···
																		0FGL J1555.8+1110				
J1558.3+8513	239.577	85.220	118.901	30.348	0.104	0.090	−90	9.2	0.6	0.1	9.7	1.2	2.52	0.11	PL	···	···	···	···	agu	WN B1609.6+8517	···
J1558.6−7039	239.654	−70.656	317.291	−13.204	0.153	0.098	84	4.6	0.6	0.1	6.6	1.6	2.10	0.17	PL	···	···	···	···	agu	PKS 1552−705	···
J1558.9−6428	239.737	−64.483	321.474	−8.594	0.088	0.081	−55	9.8	1.6	0.2	17.4	2.4	2.01	0.10	PL	···	···	···	···	agu	PMN J1558−6432	···
J1559.0+5627	239.767	56.457	87.620	45.727	0.081	0.075	−88	13.3	1.3	0.1	14.2	1.6	2.10	0.09	PL	T	···	1FGL J1558.9+5627	···	bzb	TXS 1557+565	···
J1600.7−3053	240.188	−30.894	344.075	16.470	0.082	0.068	32	7.5	1.0	0.2	5.5	1.0	1.90	···	EC	···	···	1FGL J1600.7−3055	···	PSR	PSR J1600−3053	···
J1601.1−4220	240.279	−42.336	336.269	7.935	0.194	0.142	64	7.3	1.5	0.3	20.5	2.8	2.46	0.10	PL	···	···	1FGL J1601.7−4217c	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1602.4+2308	240.617	23.141	38.627	46.833	0.164	0.133	−70	5.2	0.6	0.1	6.3	1.4	2.11	0.15	PL	···	1	···	···	···	···	···
J1603.8−4904	240.971	−49.078	332.149	2.561	0.024	0.023	−24	33.0	12.9	0.6	143.7	6.5	2.04	0.03	PL	T	···	1FGL J1603.8−4903 0FGL J1604.0−4904	···	bzb	PMN J1603−4904	···
J1604.5−4442	241.141	−44.716	335.147	5.741	0.060	0.054	−61	22.5	5.4	0.4	68.2	3.7	2.35	0.04	PL	T	···	1FGL J1604.7−4443	···	agu	PMN J1604−4441	···
J1604.6+5710	241.154	57.179	88.190	44.759	0.086	0.066	63	19.2	1.6	0.2	24.2	1.6	2.50	0.06	PL	T	···	1FGL J1604.3+5710	···	bzq	GB6 J1604+5714	···
J1607.0+1552	241.770	15.876	29.396	43.421	0.054	0.050	−46	19.5	2.2	0.2	25.3	1.9	2.23	0.06	PL	T	···	1FGL J1607.1+1552 3EG J1605+1553 EGR J1607+1533	···	bzb	4C +15.54	···
J1608.5+1029	242.148	10.494	23.013	40.831	0.089	0.082	84	20.0	1.6	0.2	26.1	1.7	2.60	···	LP	T	···	1FGL J1609.0+1031 3EG J1608+1055 EGR J1608+1051	···	bzq	4C +10.45	···
J1610.1−4808	242.542	−48.148	333.545	2.553	0.194	0.166	−45	9.5	1.5	0.5	40.5	4.7	2.73	···	LP	T	1,4	···	···	···	···	···
J1610.6−4002	242.664	−40.043	339.171	8.416	0.309	0.191	75	8.6	1.4	0.2	23.5	2.8	2.61	0.10	PL	···	9	1FGL J1610.8−3955	···	bzq	PMN J1610−3958	···
J1610.8−6650	242.703	−66.844	320.771	−11.161	0.044	0.041	28	18.5	2.6	0.2	34.9	3.9	1.70	0.06	PL	···	···	1FGL J1610.6−6649	···	bzb	PMN J1610−6649	···
J1612.0+1403	243.002	14.063	27.774	41.612	0.205	0.190	85	4.7	0.5	0.1	6.4	1.4	2.31	0.15	PL	···	···	···	···	···	···	···
J1613.4+3409	243.372	34.159	55.068	46.415	0.174	0.121	75	6.0	0.5	0.1	6.0	1.1	2.31	0.17	PL	···	···	1FGL J1613.5+3411 3EG J1614+3424	···	bzq	OS 319	···
J1614.5−2230	243.646	−22.513	352.629	20.193	0.054	0.051	52	19.0	4.5	0.4	22.7	2.1	2.05	···	EC	T	···	3EG J1616−2221	···	PSR	PSR J1614−2230	···
J1614.8+4703	243.712	47.054	73.686	45.773	0.228	0.177	9	4.6	0.3	0.1	4.8	1.1	2.45	0.22	PL	···	···	···	···	···	···	···
J1614.9−5212	243.745	−52.206	331.327	−0.931	0.120	0.115	67	4.4	2.2	0.6	25.3	6.4	1.98	0.18	PL	···	2	···	···	···	···	···
J1615.0−5051	243.758	−50.852	332.268	0.043	0.088	0.074	39	15.2	12.1	1.3	120.3	9.8	2.28	···	LP	···	···	0FGL J1615.6−5049	E	†	···	···
J1615.2−5138	243.801	−51.635	331.747	−0.542	0.056	0.047	28	14.7	12.1	1.0	91.4	10.4	2.11	···	LP	···	2	1FGL J1614.7−5138c	E	···	···	···
J1616.8−2302	244.211	−23.042	352.590	19.452	0.126	0.098	−43	4.9	0.8	0.2	9.5	2.4	1.90	0.18	PL	···	···	···	···	glc	M80	···
J1617.3−5336	244.340	−53.614	330.609	−2.194	0.159	0.143	43	4.8	1.4	0.3	21.7	4.0	2.54	0.11	PL	···	···	···	···	···	···	···
J1617.5−2657	244.394	−26.957	349.693	16.663	0.147	0.117	5	4.2	0.9	0.2	11.0	2.5	2.36	0.16	PL	···	···	3EG J1612−2618 EGR J1617−2610	···	···	···	···
J1617.6−2526c	244.411	−25.438	350.865	17.691	0.184	0.154	−41	5.8	1.1	0.2	16.3	2.7	2.52	0.11	PL	···	6	EGR J1617−2610	···	agu	PMN J1617−2537	···
J1617.6−4219	244.425	−42.331	338.531	5.850	0.285	0.231	−27	5.8	0.8	0.2	19.3	3.2	2.80	0.13	PL	···	4	···	···	···	···	···
J1618.0−5825	244.506	−58.431	327.300	−5.704	0.121	0.103	49	5.8	0.9	0.2	14.3	2.4	2.59	0.14	PL	···	4	···	···	···	···	···
J1618.2−7718	244.562	−77.301	313.438	−18.879	0.078	0.071	24	16.4	2.1	0.2	31.0	2.0	2.50	0.05	PL	T	···	1FGL J1617.9−7716	···	bzq	PKS 1610−77	···
J1619.0−4650	244.769	−46.847	335.534	2.457	0.427	0.249	−60	10.6	1.3	0.3	38.6	4.0	2.69	···	LP	···	1,9,12	···	···	···	···	···
J1619.6−4509	244.919	−45.158	336.796	3.586	0.163	0.128	82	5.5	1.7	0.3	19.6	4.0	2.25	0.14	PL	···	1	···	···	···	···	···
J1619.7−5040c	244.932	−50.681	332.920	−0.351	0.077	0.063	−38	6.4	5.3	0.8	63.5	10.8	2.27	0.08	PL	···	3,4,5,6,10	1FGL J1619.7−5043c	···	···	···	···
J1620.5−2320c	245.125	−23.348	352.949	18.624	0.165	0.131	−1	4.6	1.1	0.2	12.7	2.7	2.29	0.13	PL	···	6	···	···	···	···	···
J1620.6−5111c	245.166	−51.194	332.664	−0.820	0.130	0.095	−82	9.9	6.7	0.9	68.5	8.5	2.37	···	LP	T	4,6	···	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1620.8−4928	245.209	−49.481	333.890	0.376	0.029	0.027	−51	28.0	24.8	1.1	180.8	9.7	2.20	···	LP	···	···	1FGL J1620.8−4928c 1AGL J1624−4946	···	···	···	···
J1622.8−5006	245.717	−50.108	333.679	−0.299	0.058	0.049	18	11.2	9.9	1.3	54.9	11.1	2.14	···	LP	···	···	1FGL J1622.9−5008c 1AGL J1624−4946	···	···	···	···
J1622.8−0314	245.721	−3.243	10.708	30.708	0.143	0.112	13	6.0	0.9	0.2	10.0	1.8	2.22	0.13	PL	···	···	···	···	···	···	···
J1623.2+4328	245.814	43.469	68.415	44.654	0.160	0.134	67	4.7	0.3	0.1	5.1	1.1	2.58	0.22	PL	···	···	···	···	···	···	···
J1624.0−4941c	246.015	−49.695	334.108	−0.145	0.115	0.097	−6	5.5	7.0	1.3	28.6	5.5	2.26	···	LP	···	4,5,6,12	1FGL J1623.7−4943c 1AGL J1624−4946	···	···	···	···
J1624.1−4040	246.041	−40.673	340.571	6.161	0.065	0.054	37	16.8	4.7	0.4	37.9	3.3	2.31	···	LP	···	···	1FGL J1624.0−4041	···	···	···	···
J1624.2−2124	246.072	−21.411	355.095	19.252	0.453	0.236	49	8.2	0.4	0.1	15.4	1.9	2.64	···	LP	···	8,12	···	···	···	···	···
J1624.4+1123	246.117	11.391	26.279	37.732	0.373	0.251	14	4.4	0.4	0.1	6.9	1.5	2.65	0.18	PL	···	8	···	···	···	···	···
J1625.2−0020	246.303	−0.335	13.920	31.831	0.057	0.051	73	20.5	3.9	0.3	16.1	1.3	1.97	···	LP	···	12	1FGL J1625.3−0019	···	···	···	···
J1625.7−2526	246.428	−25.441	352.145	16.344	0.046	0.039	70	30.1	8.2	0.5	82.1	4.2	2.34	···	LP	T	···	1FGL J1625.7−2524 0FGL J1625.8−2527 3EG J1626−2519	···	bzq	PKS 1622−253	···
J1626.0−7636	246.516	−76.604	314.298	−18.746	0.091	0.082	1	5.4	0.5	0.1	6.0	1.7	1.79	0.21	PL	···	···	···	···	agu	PKS 1619−765	···
J1626.1−2948	246.529	−29.809	348.856	13.346	0.093	0.082	11	13.0	2.4	0.3	30.0	2.7	2.34	0.07	PL	T	···	1FGL J1626.2−2956 3EG J1625−2955 EGR J1625−2958	···	BZQ	PKS 1622−29	···
J1626.4−4408	246.609	−44.144	338.365	3.444	0.129	0.096	−57	9.8	2.4	0.3	39.2	4.2	2.58	0.08	PL	···	···	···	···	···	···	···
J1627.0−2425c	246.760	−24.429	353.144	16.789	0.118	0.084	−86	14.4	5.0	0.5	42.5	4.3	2.28	···	LP	···	6	0FGL J1625.9−2423 3EG J1627−2419	···	agu	PMN J1626−2426	···
J1627.8+3219	246.966	32.321	52.988	43.215	0.129	0.103	61	7.7	0.7	0.1	8.2	1.6	2.00	0.12	PL	···	···	1FGL J1627.6+3218	···	···	···	···
J1628.1−4857c	247.045	−48.960	335.102	−0.114	0.191	0.108	60	12.6	6.5	1.1	92.6	7.8	2.48	···	LP	···	2,4,5,6	···	···	†	···	···
J1628.3−3206	247.086	−32.105	347.455	11.442	0.128	0.110	−55	8.3	1.8	0.3	12.4	1.9	2.23	···	LP	···	···	1FGL J1627.8−3204	···	psr	PSR J1628−32	···
J1629.4+8236	247.355	82.614	115.901	31.242	0.126	0.092	−16	12.2	1.1	0.1	13.1	1.4	2.20	0.07	PL	···	2	3EG J1621+8203	···	rdg	NGC 6251	···
J1629.6−6141	247.411	−61.696	325.955	−9.017	0.162	0.111	37	10.7	1.3	0.2	21.3	2.1	2.58	0.08	PL	T	···	1FGL J1629.5−6147	···	···	···	···
J1630.1−4615	247.540	−46.258	337.289	1.508	0.137	0.128	−18	11.3	3.0	0.7	49.1	5.2	2.50	···	LP	···	1	···	···	···	···	···
J1630.2−4752	247.565	−47.874	336.127	0.385	0.073	0.066	80	5.1	3.1	0.9	35.8	8.4	1.89	0.17	PL	···	2	···	E	···	···	···
J1630.3+3732	247.596	37.549	60.201	43.257	0.085	0.077	−26	10.4	1.2	0.2	5.2	0.8	2.23	···	LP	···	12	1FGL J1630.5+3735	···	···	···	···
J1630.4+5218	247.613	52.303	80.344	42.443	0.087	0.070	37	10.8	1.0	0.1	10.6	1.5	2.03	0.10	PL	···	···	1FGL J1630.2+5220	···	bzb	TXS 1629+524	···
J1631.0−1050	247.754	−10.844	5.057	24.638	0.219	0.191	55	4.4	0.8	0.2	10.0	2.1	2.38	0.14	PL	···	···	1FGL J1630.3−1042 3EG J1631−1018	···	···	···	···
J1631.6−2819	247.907	−28.320	350.823	13.446	0.271	0.221	24	4.6	0.7	0.2	12.9	2.5	2.66	0.13	PL	···	···	···	···	···	···	···
J1631.7−4720c	247.926	−47.345	336.679	0.570	0.100	0.083	70	8.4	6.2	0.8	70.7	9.2	2.21	0.07	PL	···	5,6,10	···	···	†	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1632.4−4820c	248.114	−48.336	336.041	−0.198	0.103	0.064	78	7.0	5.2	0.8	58.5	9.3	2.10	0.09	PL	···	4,6	···	···	psr	PSR J1632−4818	···
J1632.4−4753c	248.114	−47.891	336.366	0.105	0.064	0.059	−48	8.8	8.2	1.1	90.9	12.5	2.05	0.08	PL	···	2,6	···	E	···	···	···
J1632.6−2328c	248.155	−23.473	354.769	16.448	0.144	0.121	37	6.2	1.3	0.3	17.6	2.8	2.39	0.10	PL	···	1,6	···	···	···	···	···
J1634.4−4743c	248.615	−47.733	336.711	−0.034	0.060	0.057	−58	8.1	7.9	1.4	52.7	10.2	1.93	···	LP	···	5,6	···	···	···	···	···
J1635.2+3810	248.809	38.171	61.135	42.343	0.025	0.024	18	75.8	11.6	0.4	144.4	3.1	2.41	···	LP	T	···	1FGL J1635.0+3808 0FGL J1635.2+3809 3EG J1635+3813	···	bzq	4C +38.41	···
J1635.4−4717c	248.850	−47.297	337.140	0.143	0.112	0.070	−15	7.7	6.7	1.1	73.9	11.8	2.06	0.10	PL	···	5,6,8	1FGL J1635.7−4715c	E	†	···	···
J1636.3−4740c	249.090	−47.683	336.964	−0.236	0.069	0.054	44	13.3	15.5	1.3	113.8	11.5	2.23	···	LP	···	2,6	1FGL J1636.4−4737c	···	···	···	···
J1636.6−0841	249.158	−8.694	7.867	24.785	0.196	0.164	−12	4.8	0.8	0.2	10.2	2.1	2.42	0.14	PL	···	···	···	···	···	···	···
J1637.7+4714	249.434	47.244	73.376	41.884	0.076	0.063	30	21.8	1.8	0.2	24.3	1.5	2.41	0.06	PL	T	···	1FGL J1637.9+4707	···	bzq	4C +47.44	···
J1637.9−3451	249.477	−34.866	346.725	8.113	0.087	0.078	−31	5.7	0.8	0.2	11.3	2.9	1.65	0.18	PL	···	···	···	···	agu	NVSS J163750−344915	···
J1638.0−4703c	249.512	−47.053	337.623	−0.026	0.063	0.051	49	13.6	14.6	1.2	112.8	12.2	2.26	···	LP	···	5,6	3EG J1639−4702 1AGL J1639−4702	···	···	···	···
J1639.7−5504	249.941	−55.070	331.808	−5.561	0.098	0.086	53	5.9	0.8	0.2	17.5	2.8	2.79	0.14	PL	···	1,4	···	···	···	···	···
J1639.8−5145	249.951	−51.765	334.297	−3.378	0.084	0.069	35	12.8	3.3	0.3	45.4	4.0	2.45	0.07	PL	···	···	3EG J1638−5155 EGR J1638−5157	···	···	···	···
J1639.8−4921c	249.964	−49.363	336.101	−1.790	0.179	0.130	18	4.4	2.1	0.4	25.1	6.0	2.29	0.14	PL	···	6	···	···	···	···	···
J1640.5−4633	250.137	−46.552	338.282	−0.011	0.068	0.053	2	11.7	9.2	0.9	104.9	10.1	2.19	0.06	PL	···	3	1FGL J1640.8−4634c 3EG J1639−4702 1AGL J1639−4702	E	†	···	···
J1640.7+3945	250.179	39.757	63.350	41.380	0.047	0.044	−42	18.1	3.8	0.3	48.9	3.9	2.36	0.06	PL	T	···	0FGL J1641.4+3939 EGR J1642+3940	···	BZQ	NRAO 512	···
J1641.0+1141	250.250	11.697	28.759	34.201	0.142	0.115	50	4.3	0.5	0.1	5.3	1.5	2.03	0.22	PL	···	···	1FGL J1641.0+1143	···	agn	MG1 J164058+1144	···
J1641.6−0614	250.412	−6.249	10.866	25.152	0.103	0.098	54	6.1	1.1	0.2	14.4	2.8	2.37	0.13	PL	···	···	···	···	bzb	TXS 1639−062	···
J1641.8−5319	250.466	−53.326	333.329	−4.643	0.151	0.128	41	6.2	1.4	0.3	19.6	3.2	2.46	0.11	PL	···	···	···	···	···	···	···
J1642.9+3949	250.748	39.829	63.480	40.947	0.054	0.049	33	16.5	3.4	0.3	49.3	3.9	2.49	0.06	PL	T	5	EGR J1642+3940	···	BZQ	3C 345	···
J1643.3−4928	250.846	−49.468	336.401	−2.290	0.203	0.138	−26	5.9	2.6	0.4	33.4	6.4	2.38	0.10	PL	···	···	···	···	···	···	···
J1643.5−0641	250.884	−6.694	10.748	24.515	0.106	0.090	10	5.9	1.2	0.2	13.3	2.7	2.14	0.16	PL	···	5	1FGL J1643.5−0646	···	bzb	NVSS J164328−064619	···
J1645.7−2148c	251.438	−21.816	358.093	15.147	0.222	0.147	89	7.3	1.5	0.3	12.6	2.0	2.34	···	LP	···	6	1FGL J1645.0−2155c	···	···	···	···
J1646.7−1333	251.682	−13.551	5.160	19.942	0.119	0.104	−58	4.3	0.5	0.2	6.9	2.2	1.75	0.25	PL	···	···	···	···	···	···	···
J1647.0+4351	251.769	43.858	68.824	40.340	0.180	0.144	89	4.4	0.3	0.1	4.5	1.0	2.47	0.19	PL	···	···	···	···	···	···	···
J1647.5+4950	251.881	49.840	76.655	40.085	0.084	0.081	35	16.2	1.2	0.1	17.3	1.3	2.48	0.07	PL	T	···	1FGL J1647.4+4948	···	agn	SBS 1646+499	···
J1648.1−4930	252.046	−49.505	336.880	−2.907	0.161	0.093	−74	4.6	1.5	0.4	16.1	4.1	2.07	0.17	PL	···	4,5	···	···	···	···	···
J1648.4−4612	252.104	−46.200	339.434	−0.809	0.069	0.048	−44	9.8	8.0	1.0	55.9	8.7	2.11	···	EC	···	5	1FGL J1648.4−4609c	E	PSR	PSR J1648−4611	···

Table 4—Continued

Name 2FGL	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 J1648.1−4606			
J1649.2−3004	252.305	−30.070	351.989	9.385	0.186	0.119	55	5.2	1.1	0.2	12.5	2.7	1.94	0.13	PL	···	···	···	···	···	···
J1649.6+5238	252.420	52.646	80.253	39.497	0.109	0.099	56	7.9	0.7	0.1	7.9	1.2	2.26	0.12	PL	···	···	1FGL J1649.6+5241	···	bzb	87GB 164812.2+524023
J1650.1−5044	252.540	−50.744	336.130	−3.944	0.038	0.034	−83	24.0	7.0	0.4	81.1	4.4	2.24	0.04	PL	T	···	1FGL J1650.4−5042	···	agu	PMN J1650−5044
J1650.6−4603c	252.652	−46.055	339.790	−1.006	0.057	0.051	−39	11.8	11.1	1.0	74.0	8.4	2.13	···	LP	···	6	1FGL J1651.5−4602c	E	···	···
																		EGR J1652−4552			
J1650.8+0830	252.708	8.508	26.604	30.635	0.180	0.158	37	7.3	0.7	0.1	11.8	1.6	2.59	0.12	PL	T	···	···	···	bzq	MG1 J165034+0824
J1651.8−4439c	252.957	−44.658	341.003	−0.281	0.236	0.146	88	6.5	3.4	0.7	42.8	6.2	2.19	···	LP	···	3,4,6,8,9,12	···	···	···	···
J1652.5−4351c	253.131	−43.854	341.702	0.134	0.090	0.080	−79	7.8	7.0	0.9	37.0	5.9	2.12	···	LP	···	3,4,6	1FGL J1652.8−4350c	···	···	···
J1653.6−0159	253.402	−1.996	16.593	24.931	0.060	0.055	67	22.5	4.2	0.3	34.3	2.5	2.24	···	LP	···	···	1FGL J1653.6−0158	···	···	···
																		0FGL J1653.4−0200			
																		3EG J1652−0223			
J1653.9+3945	253.481	39.763	63.605	38.849	0.019	0.019	−63	54.8	8.8	0.3	114.4	6.3	1.74	0.03	PL	T	···	1FGL J1653.9+3945	P	BZB	Mkn 501
																		0FGL J1653.9+3946			
J1653.9−4627c	253.492	−46.462	339.844	−1.714	0.106	0.092	−74	6.5	3.2	0.6	35.3	6.2	2.04	0.10	PL	···	6	3EG J1655−4554	···	···	···
J1656.1−3256	254.049	−32.940	350.665	6.431	0.192	0.184	73	8.5	1.0	0.2	24.9	2.9	2.86	0.10	PL	T	···	1FGL J1656.2−3257	···	bzq	Swift J1656.3−3302
J1656.4−0738	254.124	−7.648	11.811	21.308	0.129	0.120	−83	4.7	0.8	0.2	10.8	2.2	2.48	0.16	PL	···	4	···	···	···	···
J1656.5+6012	254.126	60.201	89.631	37.468	0.140	0.128	79	4.9	0.4	0.1	4.5	1.0	2.36	0.21	PL	···	4	1FGL J1656.9+6017	···	bzq	87GB 165604.4+601702
J1656.9−2008	254.233	−20.150	1.095	14.077	0.101	0.081	35	6.6	1.1	0.2	13.5	2.9	1.79	0.14	PL	···	···	···	···	agu	1RXS J165655.0−201049
J1657.1−1027	254.280	−10.454	9.404	19.630	0.239	0.159	10	5.7	1.0	0.2	13.3	2.3	2.42	0.12	PL	···	···	1FGL J1656.9−1033	···	agu	PMN J1657−1021
J1657.5−4652	254.391	−46.875	339.909	−2.453	0.097	0.080	−4	7.3	3.1	0.5	35.5	5.9	2.23	0.09	PL	···	4	···	···	···	···
J1657.9+4809	254.482	48.161	74.392	38.453	0.095	0.084	−62	15.2	1.2	0.1	16.6	1.3	2.47	0.07	PL	T	···	···	···	bzq	4C +48.41
J1658.1−4743	254.540	−47.733	339.298	−3.065	0.110	0.093	−4	6.1	2.2	0.4	28.6	5.0	2.38	0.10	PL	···	4	···	···	···	···
J1658.4−5322	254.617	−53.368	334.879	−6.583	0.089	0.074	18	15.4	2.9	0.3	29.3	2.5	2.45	···	EC	···	···	1FGL J1658.8−5317	···	PSR	PSR J1658−5324
J1659.2−0142	254.823	−1.715	17.661	23.859	0.126	0.116	−52	5.7	1.0	0.2	10.7	2.2	2.05	0.14	PL	···	···	···	···	···	···
J1700.2+6831	255.062	68.517	99.578	35.191	0.042	0.040	69	37.9	3.8	0.2	50.0	1.9	2.40	0.03	PL	T	···	1FGL J1700.1+6830	···	bzq	TXS 1700+685
J1700.8−4912	255.221	−49.211	338.410	−4.332	0.183	0.150	21	4.3	1.2	0.3	16.1	3.6	2.41	0.13	PL	···	4	···	···	···	···
J1701.2−3007	255.314	−30.122	353.573	7.306	0.064	0.057	30	13.5	2.9	0.3	33.3	3.0	2.24	0.06	PL	···	···	1FGL J1701.1−3005	···	glc	NGC 6266
J1702.5−5654	255.639	−56.915	332.388	−9.197	0.073	0.069	−61	21.0	3.3	0.3	34.8	2.4	2.39	···	LP	···	···	1FGL J1702.4−5653	···	···	···
J1703.2−6217	255.802	−62.296	328.019	−12.445	0.067	0.062	52	24.7	3.3	0.3	44.8	2.3	2.43	0.04	PL	T	···	1FGL J1702.7−6217	···	bzq	CGRaBS J1703−6212
																		3EG J1659−6251			
J1704.3+1235	256.082	12.597	32.512	29.391	0.110	0.098	−11	5.3	0.6	0.1	6.7	1.5	2.19	0.17	PL	···	···	···	···	···	···
J1704.6−0529	256.162	−5.496	14.920	20.753	0.108	0.091	−8	7.9	1.4	0.2	17.1	2.4	2.35	0.10	PL	···	···	···	···	···	···
J1704.9−4618	256.248	−46.304	341.143	−3.111	0.258	0.179	−75	9.3	1.5	0.3	33.3	3.9	4.59	···	LP	···	1,4,8,12	···	···	···	···
J1708.4+1003c	257.101	10.056	30.368	27.416	0.142	0.125	86	4.7	0.4	0.1	8.0	1.6	2.65	0.16	PL	···	6	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1709.0−0821	257.253	−8.356	12.957	18.318	0.230	0.192	−45	5.4	1.0	0.2	14.2	2.5	2.47	0.11	PL	···	···	3EG J1709−0828	···	···	···	···
J1709.7−4429	257.433	−44.485	343.101	−2.689	0.008	0.008	−25	256.8	191.4	1.7	1351.0	10.7	2.03	···	EC	T	···	1FGL J1709.7−4429 0FGL J1709.7−4428 3EG J1710−4439 EGR J1710−4435 1AGL J1709−4428	E	PSR	PSR J1709−4429	···
J1709.7+4319	257.449	43.322	68.406	36.205	0.054	0.052	−43	23.6	2.2	0.2	27.2	1.7	2.31	0.05	PL	T	···	1FGL J1709.6+4320	···	bzq	B3 1708+433	···
J1710.0−0323	257.523	−3.393	17.594	20.683	0.256	0.193	23	6.9	1.0	0.2	15.9	2.3	2.56	0.11	PL	···	···	···	···	···	···	···
J1710.5−5020	257.635	−50.342	338.440	−6.257	0.160	0.112	10	8.3	0.7	0.2	16.8	2.1	2.46	···	LP	···	12	···	···	···	···	···
J1712.4−3941	258.111	−39.687	347.269	−0.257	0.121	0.107	65	5.1	2.3	0.6	29.3	6.3	1.75	0.17	PL	···	···	1FGL J1711.7−3944c	E	†	···	···
J1714.0+0751	258.501	7.863	28.841	25.213	0.122	0.105	77	8.5	1.4	0.2	9.4	1.6	2.21	···	EC	···	···	1FGL J1713.9+0750	···	PSR	PSR J1713+0747	···
J1714.5−3829	258.630	−38.492	348.473	0.118	0.045	0.038	−28	19.2	14.7	0.9	107.3	8.0	2.13	···	LP	···	···	1FGL J1714.5−3830c 0FGL J1714.7−3827 3EG J1714−3857	E	†	···	···
J1714.8+6836	258.719	68.616	99.308	33.870	0.123	0.100	78	12.0	1.2	0.2	7.8	1.1	2.29	···	LP	T	···	···	···	bzq	S4 1716+68	···
J1715.4−4024c	258.873	−40.401	347.031	−1.147	0.088	0.069	54	7.5	3.3	0.5	36.9	5.5	2.13	0.10	PL	···	6	···	E	agu	PMN J1715−4025	···
J1716.6−0526c	259.171	−5.441	16.621	18.223	0.194	0.147	64	6.8	0.5	0.1	13.1	1.9	2.44	···	LP	···	6,12	···	···	···	···	···
J1717.3−2809	259.345	−28.161	357.255	5.615	0.186	0.120	−11	5.1	1.2	0.3	17.4	3.2	2.45	0.13	PL	···	2,4	3EG J1717−2737	···	···	···	···
J1717.5−5802	259.383	−58.035	332.635	−11.487	0.151	0.129	−42	7.0	0.9	0.2	13.2	2.0	2.50	0.12	PL	···	···	···	···	psr	PSR J1717−5800	···
J1717.7−3342	259.441	−33.717	352.744	2.356	0.051	0.047	−55	24.2	8.7	0.6	92.9	4.8	2.39	···	LP	T	···	1FGL J1717.9−3343 3EG J1718−3313	···	bzb	TXS 1714−336	···
J1718.1−3725	259.537	−37.428	349.755	0.153	0.073	0.055	13	6.0	3.3	0.6	36.5	6.7	1.98	0.11	PL	···	3	1FGL J1717.9−3729c	···	†	···	···
J1718.3−3827	259.585	−38.454	348.938	−0.469	0.064	0.054	−11	16.0	11.2	0.8	88.4	7.3	2.31	···	EC	T	···	1FGL J1718.2−3825	E	PSR	PSR J1718−3825	···
J1718.4−3056	259.606	−30.948	355.093	3.833	0.112	0.087	−49	5.4	1.5	0.3	17.9	3.6	2.24	0.12	PL	···	···	···	···	agu	PMN J1718−3056	···
J1719.3+1744	259.830	17.743	39.526	28.071	0.047	0.043	85	17.6	2.2	0.2	26.7	3.0	1.84	0.06	PL	T	···	1FGL J1719.2+1745 0FGL J1719.3+1746	···	bzb	PKS 1717+177	···
J1721.0+0711	260.257	7.194	29.034	23.357	0.138	0.120	25	7.3	1.0	0.2	13.1	2.0	2.36	0.11	PL	···	···	1FGL J1721.1+0713	···	···	···	···
J1721.5−0718c	260.383	−7.301	15.602	16.232	0.136	0.122	−79	6.0	1.0	0.3	10.6	2.0	2.26	···	LP	···	1,4,6	···	···	···	···	···
J1722.5−0420	260.645	−4.344	18.399	17.516	0.137	0.110	47	9.0	1.9	0.3	16.8	2.2	2.27	···	LP	···	···	1FGL J1722.4−0421	···	···	···	···
J1722.7+1013	260.682	10.230	32.221	24.305	0.056	0.049	40	15.7	2.3	0.2	26.6	2.3	2.23	0.06	PL	T	···	1FGL J1722.5+1012	···	bzq	TXS 1720+102	···
J1724.0+4003	261.008	40.061	64.875	33.161	0.069	0.062	−3	21.0	2.1	0.2	25.8	1.7	2.34	0.06	PL	T	···	1FGL J1724.0+4002	···	bzq	S4 1722+40	···
J1724.9−0508c	261.244	−5.145	17.989	16.597	0.113	0.094	86	4.4	0.9	0.2	10.1	2.6	2.01	0.16	PL	···	4,5,6	1FGL J1725.2−0509	···	···	···	···
J1725.0+1151	261.268	11.865	34.115	24.472	0.039	0.037	56	21.9	3.7	0.3	42.3	3.5	1.93	0.06	PL	···	···	1FGL J1725.0+1151	···	bzb	1H 1720+117	···
J1725.1−7714	261.277	−77.248	315.710	−21.869	0.171	0.139	−88	7.2	0.8	0.2	12.7	1.8	2.57	0.11	PL	T	···	···	···	agu	PKS 1716−771	···
J1725.2+5853	261.301	58.891	87.503	34.012	0.132	0.118	72	6.4	0.5	0.1	6.2	1.1	2.26	0.17	PL	T	···	1FGL J1725.5+5854	···	bzb	7C 1724+5854	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1726.6−3545	261.670	−35.764	352.096	−0.314	0.158	0.110	23	8.4	4.4	0.9	42.2	5.4	2.29	···	LP	···	1,4	···	···	···	···	···
J1727.1+4531	261.785	45.524	71.441	33.338	0.077	0.072	25	21.5	1.5	0.2	25.1	1.5	2.58	0.06	PL	T	···	1FGL J1727.3+4525	···	bzq	S4 1726+45	···
J1727.1−0704	261.797	−7.080	16.546	15.142	0.192	0.156	11	4.1	1.0	0.2	11.9	2.7	2.23	0.13	PL	···	···	···	···	glc	IC 1257	···
J1727.3−4611	261.842	−46.189	343.476	−6.205	0.223	0.151	−23	4.1	0.9	0.2	12.0	2.6	2.45	0.13	PL	···	4	···	···	†	···	···
J1727.6+0647	261.918	6.794	29.443	21.703	0.178	0.162	58	4.8	0.6	0.2	9.2	1.9	2.52	0.14	PL	···	4,8	···	···	···	···	···
J1727.8−2308	261.960	−23.145	2.761	6.471	0.084	0.072	35	5.8	1.5	0.3	18.4	3.4	2.30	0.11	PL	···	4	···	···	···	···	···
J1727.9+1220	261.982	12.346	34.912	24.037	0.144	0.121	33	4.4	0.7	0.2	7.8	2.0	2.09	0.20	PL	T	···	···	···	bzq	PKS 1725+123	···
J1728.0−2737c	262.008	−27.632	359.022	3.967	0.152	0.122	9	5.4	1.7	0.3	26.3	4.8	2.52	0.11	PL	···	2,4,6	···	···	···	···	···
J1728.2+5015	262.061	50.261	77.117	33.550	0.069	0.065	23	9.0	0.8	0.1	9.7	1.9	1.83	0.13	PL	···	···	1FGL J1727.9+5010	···	bzb	I Zw 187	···
J1728.2+0429	262.069	4.489	27.313	20.525	0.134	0.121	48	10.6	1.3	0.2	19.5	2.0	2.53	0.08	PL	T	···	1FGL J1728.2+0431 3EG J1727+0429 EGR J1727+0416	···	bzq	PKS 1725+044	···
J1729.5−0854	262.381	−8.907	15.230	13.709	0.204	0.184	57	10.2	1.1	0.2	19.3	2.0	2.50	···	LP	···	12	···	···	···	···	···
J1730.5−3350	262.636	−33.844	354.134	0.090	···	···	···	6.1	1.7	0.6	36.6	5.5	2.35	···	EC	···	2,4	···	···	PSR	PSR J1730−3350	···
J1730.6−2409	262.654	−24.161	2.254	5.384	0.155	0.091	−90	8.7	3.0	0.4	20.8	3.0	2.25	···	LP	···	···	1FGL J1730.4−2406	···	···	···	···
J1730.6−0353	262.660	−3.895	19.853	15.999	0.115	0.101	14	7.1	1.7	0.3	8.3	1.8	2.07	···	LP	···	···	1FGL J1730.7−0352	···	···	···	···
J1730.7+0023	262.685	0.395	23.786	18.064	0.060	0.057	14	14.1	2.2	0.2	27.3	2.4	2.31	0.07	PL	T	···	···	···	bzq	PKS 1728+004	···
J1730.8+5427	262.725	54.466	82.171	33.307	0.241	0.167	−43	4.6	0.3	0.1	5.4	1.2	2.69	0.18	PL	···	···	···	···	···	···	···
J1731.3+3718	262.826	37.302	61.982	31.255	0.243	0.178	4	5.3	0.6	0.1	6.6	1.4	2.09	0.14	PL	···	···	1FGL J1730.8+3716	···	bzb	GB6 J1730+3714	···
J1731.6−3234c	262.902	−32.583	355.310	0.596	0.093	0.086	37	5.8	4.9	0.8	29.0	6.0	2.20	···	LP	T	3,4,6	···	···	†	···	···
J1731.8−3004	262.970	−30.073	357.443	1.921	0.065	0.058	−73	7.7	3.2	0.5	37.8	5.6	2.26	0.09	PL	···	···	1FGL J1732.0−2957	···	agu	NVSS J173146−300309	···
J1731.9−2703c	262.989	−27.065	359.975	3.549	0.138	0.119	−30	7.0	2.6	0.4	32.1	5.0	2.30	0.10	PL	···	4,6	···	···	···	···	···
J1732.5−3131	263.135	−31.519	356.309	1.013	0.021	0.021	73	45.9	37.2	1.1	211.6	7.5	2.10	···	EC	···	···	1FGL J1732.5−3131 EGR J1732−3126	···	PSR	LAT PSR J1732−3131	···
J1733.1−1307	263.279	−13.128	12.001	10.772	0.078	0.070	41	18.4	3.1	0.3	41.0	2.8	2.49	···	LP	T	···	1FGL J1733.0−1308 3EG J1733−1313	···	bzq	PKS 1730−13	···
J1733.2−2913c	263.304	−29.227	358.312	2.139	0.178	0.121	30	5.6	2.5	0.5	29.4	5.7	2.26	0.12	PL	···	2,6	···	···	···	···	···
J1733.4−2812c	263.359	−28.203	359.197	2.655	0.149	0.114	−62	6.2	2.3	0.4	30.6	5.5	2.39	0.11	PL	···	1,4,5,6,8	···	···	···	···	···
J1734.3+3858	263.577	38.981	64.043	31.018	0.044	0.043	−77	30.5	3.6	0.2	41.6	2.2	2.24	0.04	PL	T	···	1FGL J1734.4+3859	···	bzq	B2 1732+38A	···
J1734.7−2533	263.687	−25.561	1.583	3.837	0.153	0.135	46	10.4	1.8	0.3	32.9	3.4	2.44	···	LP	T	2,12	···	···	···	···	···
J1735.9+2033	263.999	20.552	44.068	25.433	0.070	0.061	24	10.3	0.9	0.2	14.1	2.9	1.55	0.12	PL	···	···	1FGL J1735.7+2031	···	···	···	···
J1736.0−4443	264.011	−44.722	345.545	−6.694	0.075	0.066	−28	9.7	2.0	0.3	23.0	2.7	2.24	0.08	PL	···	3,10	1FGL J1735.9−4438	···	glc	NGC 6388	···
J1736.6+0626	264.164	6.435	30.165	19.547	0.204	0.178	−4	6.8	0.7	0.2	13.2	1.9	2.66	0.12	PL	T	4	1FGL J1736.3+0628	···	bzq	MG1 J173624+0632	···
J1737.2−3213	264.307	−32.222	356.257	−0.205	0.109	0.093	19	8.4	5.7	0.9	50.6	6.5	2.24	···	LP	···	4,5	1AGL J1736−3235	···	†	···	···
J1738.9+8716	264.734	87.273	119.998	27.946	0.070	0.066	−0	12.3	1.2	0.1	13.6	1.6	2.07	0.08	PL	T	···	1FGL J1739.4+8717	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref
J1738.9−2908	264.736	−29.140	359.058	1.132	0.245	0.107	28	15.3	6.8	0.8	79.1	6.5	2.43	···	LP	···	2,8,9	3EG J1736−2908	···	†	···	··
J1739.5+4955	264.886	49.929	76.891	31.717	0.080	0.071	27	12.6	1.2	0.2	13.9	1.5	2.20	0.09	PL	T	···	EGR J1740+4946	···	bzq	S4 1738+49	··
J1739.6−2726	264.916	−27.434	0.587	1.906	0.199	0.113	−30	15.2	5.6	0.7	56.6	5.0	2.40	···	LP	···	2	···	···	···	···	··
J1740.2+5212	265.060	52.201	79.566	31.806	0.063	0.059	32	30.8	2.5	0.2	37.4	1.7	2.50	0.04	PL	T	···	1FGL J1740.0+5209 3EG J1738+5203 EGR J1740+5213	···	bzq	4C +51.37	··
J1740.3+4738	265.089	47.645	74.247	31.330	0.131	0.101	15	6.1	0.6	0.1	6.3	1.3	2.09	0.15	PL	···	···	···	···	bzq	S4 1738+47	··
J1740.4−3054c	265.105	−30.911	357.728	−0.081	0.164	0.100	5	11.0	9.5	0.9	70.2	7.8	2.26	···	LP	···	6	1FGL J1740.3−3053c 0FGL J1741.4−3046	···	†	···	··
J1741.0+1347	265.251	13.794	37.764	21.727	0.150	0.124	50	4.1	0.5	0.1	5.7	1.6	1.93	0.19	PL	···	···	···	···	···	···	··
J1741.1−6750	265.284	−67.850	325.236	−18.724	0.170	0.142	8	5.0	0.5	0.1	7.5	1.5	2.52	0.16	PL	···	···	···	···	···	···	··
J1741.9−2054	265.476	−20.908	6.413	4.914	0.034	0.033	75	47.3	16.2	0.6	122.3	4.1	2.30	···	EC	T	···	0FGL J1742.1−2054 3EG J1741−2050	···	PSR	LAT PSR J1741−2054	··
J1742.0−2540c	265.508	−25.673	2.363	2.388	0.120	0.095	−71	6.1	2.3	0.4	26.6	4.6	2.20	0.09	PL	···	3,4,6,10	···	···	···	···	··
J1742.1+5948	265.528	59.808	88.526	31.834	0.094	0.082	−20	6.7	0.5	0.1	6.1	1.1	2.23	0.17	PL	···	···	1FGL J1742.1+5947	···	bzb	RGB J1742+597	··
J1742.5−3323	265.642	−33.396	355.858	−1.779	0.144	0.101	24	10.5	5.0	0.6	35.7	5.2	2.37	···	LP	···	···	···	···	···	···	··
J1743.2−2304	265.800	−23.072	4.720	3.526	0.188	0.108	41	7.2	2.0	0.3	27.2	3.9	2.43	0.09	PL	T	···	3EG J1741−2312	···	···	···	··
J1743.9−3039c	265.989	−30.654	358.347	−0.590	0.088	0.063	5	4.8	3.7	0.8	41.6	10.1	2.18	0.12	PL	T	6	1AGL J1746−3017	···	···	···	··
J1744.1+1934	266.044	19.579	43.850	23.290	0.088	0.076	−0	6.4	0.6	0.1	9.4	2.5	1.62	0.15	PL	···	···	1FGL J1744.2+1934	···	bzb	S3 1741+19	··
J1744.1−7620	266.046	−76.342	317.092	−22.476	0.056	0.052	88	20.8	3.8	0.3	20.0	1.9	2.08	···	LP	···	···	1FGL J1743.8−7620	···	···	···	··
J1744.6−1135	266.153	−11.587	14.805	9.151	0.068	0.060	72	18.1	4.8	0.4	35.6	2.7	2.29	···	EC	···	···	1FGL J1744.4−1134	···	PSR	PSR J1744−1134	··
J1745.1−1729	266.277	−17.498	9.736	6.035	0.122	0.109	−26	6.9	1.7	0.3	19.1	3.1	2.07	0.11	PL	···	···	···	···	agu	1RXS J174459.5−172640	··
J1745.5−0751	266.385	−7.852	18.206	10.820	0.076	0.074	−84	5.8	1.0	0.2	12.8	2.9	1.80	0.15	PL	···	···	1FGL J1745.6−0751	···	bzb	TXS 1742−078	··
J1745.5−3028c	266.385	−30.482	358.672	−0.791	0.115	0.085	−44	4.9	4.3	0.9	48.7	11.2	2.20	0.11	PL	···	2,4,5,6	3EG J1744−3011 1AGL J1746−3017	E	†	···	··
J1745.6+1015	266.403	10.265	34.844	19.229	0.120	0.093	−6	8.6	1.2	0.2	15.4	2.1	2.34	0.10	PL	···	···	1FGL J1745.5+1018	···	psr	PSR J1745+10	··
J1745.6+0203	266.414	2.066	27.158	15.559	0.204	0.174	3	4.2	0.8	0.2	9.8	2.2	2.32	0.14	PL	···	···	···	···	···	···	··
J1745.6−2858	266.423	−28.979	359.973	−0.036	0.016	0.016	27	43.1	77.4	2.0	575.6	17.6	2.15	···	LP	···	2	···	···	†	···	··
J1746.0+2316	266.514	23.275	47.786	24.221	0.408	0.367	56	5.1	0.3	0.1	8.3	1.5	2.87	0.17	PL	···	1,4	···	···	···	···	··
J1746.5−3238	266.644	−32.644	356.940	−2.103	0.064	0.051	−55	20.4	9.3	0.6	81.2	5.9	2.36	···	LP	···	···	1FGL J1746.7−3233	···	···	···	··
J1746.6−2851c	266.669	−28.859	0.187	−0.158	0.080	0.070	−16	5.9	6.6	1.4	73.3	15.5	2.01	0.10	PL	···	1,5,6	1FGL J1746.4−2849c 3EG J1746−2851	···	···	···	··
J1747.1−3000	266.788	−30.014	359.253	−0.845	0.034	0.032	−88	27.0	25.0	1.1	225.6	11.3	2.35	···	EC	···	2	1AGL J1746−3017	···	PSR	PSR J1747−2958	··
J1747.2−3507	266.818	−35.125	354.888	−3.509	0.179	0.142	−73	5.9	1.4	0.3	23.4	3.8	2.61	0.12	PL	···	4,8	···	···	···	···	··
J1747.3−2825c	266.850	−28.431	0.634	−0.071	0.058	0.052	61	10.6	14.3	1.4	69.3	9.0	2.15	···	LP	···	5,6	···	···	···	···	··

Table 4—Continued

Name 2FGL	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.	Ref.
J1747.5−4036	266.878	−40.607	350.186	−6.359	0.097	0.090	19	5.8	1.2	0.2	14.4	2.6	2.21	0.12	PL	···	···	1FGL J1747.4−4035	···	psr	PSR J1747−4036	···
J1747.6+0324	266.923	3.403	28.634	15.724	0.145	0.116	82	5.8	1.0	0.2	12.0	2.2	2.23	0.12	PL	···	···	···	···	···	···	···
J1748.0−2447	267.001	−24.785	3.826	1.699	0.038	0.035	−27	23.3	12.2	0.7	76.7	4.7	2.13	···	LP	···	10	1FGL J1747.9−2448	E	glc	Terzan 5	···
J1748.6−2913	267.163	−29.231	0.092	−0.720	0.067	0.056	44	14.4	13.2	1.1	109.7	10.6	2.33	···	LP	···	3,5	1FGL J1748.3−2916c	···	···	···	···
J1748.7−2020	267.185	−20.349	7.722	3.834	0.096	0.085	13	10.6	2.8	0.3	42.2	4.2	2.52	0.07	PL	···	···	1FGL J1748.7−2020	···	glc	NGC 6440	···
J1748.8+3418	267.210	34.303	59.627	27.084	0.166	0.163	−69	6.7	0.6	0.1	7.8	1.3	2.45	0.15	PL	···	···	···	···	···	···	···
J1748.8+7006	267.217	70.111	100.539	30.692	0.051	0.050	34	20.8	2.1	0.2	23.7	1.9	2.04	0.06	PL	···	···	1FGL J1748.5+7004	···	bzb	S4 1749+70	···
J1748.9−3923	267.240	−39.388	351.384	−5.979	0.126	0.110	56	4.3	1.1	0.2	11.9	2.7	2.15	0.16	PL	···	···	···	···	···	···	···
J1749.1+0515	267.295	5.263	30.532	16.238	0.164	0.142	−82	4.6	0.7	0.2	9.9	2.1	2.49	0.14	PL	···	4,5	···	···	···	···	···
J1749.1+4323	267.297	43.392	69.671	29.128	0.072	0.067	−59	13.5	1.3	0.2	15.0	1.6	2.22	0.08	PL	···	···	1FGL J1749.0+4323	···	bzb	B3 1747+433	···
J1749.7−3134c	267.435	−31.577	358.200	−2.127	0.132	0.114	−11	4.7	2.1	0.4	27.7	5.6	2.42	0.11	PL	···	4,5,6	···	···	···	···	···
J1751.5+0938	267.876	9.640	34.906	17.650	0.051	0.047	−7	25.4	4.6	0.3	41.3	2.7	2.24	···	LP	T	···	1FGL J1751.5+0937 0FGL J1751.5+0935	···	bzb	OT 081	···
J1753.8−5012	268.453	−50.204	342.269	−12.041	0.114	0.097	14	12.1	1.5	0.2	18.8	2.0	2.44	···	LP	T	···	1FGL J1754.0−5002	···	agu	PMN J1753−5015	···
J1753.8−4446	268.463	−44.778	347.119	−9.446	0.110	0.101	78	5.8	1.0	0.2	11.7	2.1	2.24	0.12	PL	···	···	···	···	···	···	···
J1754.1−2930	268.537	−29.509	0.464	−1.891	0.173	0.095	12	9.1	3.6	0.5	38.3	5.3	2.45	···	LP	T	2,4	···	···	···	···	···
J1754.3+3212	268.584	32.203	57.746	25.385	0.047	0.045	5	20.1	2.4	0.2	26.4	2.4	2.02	0.06	PL	T	···	1FGL J1754.3+3212	···	bzb	RX J1754.1+3212	···
J1754.4−2538c	268.617	−25.646	3.833	0.002	0.108	0.090	87	4.3	4.1	0.9	16.9	4.2	1.93	···	LP	···	2,4,6	1FGL J1754.5−2537c	···	···	···	···
J1755.5−6423	268.892	−64.391	329.194	−18.563	0.215	0.162	60	4.5	0.5	0.1	6.5	1.5	2.48	0.16	PL	···	4	···	···	agu	PMN J1754−6423	···
J1756.5+5523	269.138	55.393	83.507	29.683	0.083	0.071	−4	6.7	0.5	0.1	6.8	1.6	1.79	0.17	PL	···	···	1FGL J1756.6+5524	···	bzb	1RXS J175615.5+552217	···
J1757.5−6028	269.377	−60.473	333.031	−17.128	0.086	0.077	37	5.8	0.7	0.1	7.2	1.6	2.03	0.15	PL	···	···	···	···	···	···	···
J1758.8−2402c	269.714	−24.045	5.717	−0.055	0.118	0.085	81	8.5	8.5	1.0	53.1	7.2	2.00	···	LP	T	3,5,6	···	E	···	···	···
J1759.2−3853	269.810	−38.900	352.806	−7.467	0.135	0.115	−33	4.3	1.1	0.2	11.9	2.8	2.18	0.15	PL	···	···	EGR J1758−3923	···	···	···	···
J1759.2−4819	269.824	−48.319	344.400	−11.951	0.103	0.072	−10	9.0	1.4	0.2	15.8	2.1	2.18	0.10	PL	T	···	···	···	agu	PMN J1758−4820	···
J1759.4−2954	269.858	−29.913	0.689	−3.087	0.186	0.161	5	5.3	1.7	0.3	22.9	4.3	2.40	0.12	PL	···	···	···	···	···	···	···
J1759.5−0521	269.893	−5.354	22.142	8.991	0.127	0.110	−85	4.7	1.0	0.3	16.3	3.3	2.57	0.14	PL	···	4	···	···	···	···	···
J1800.5+7829	270.147	78.483	110.057	29.072	0.033	0.032	28	42.5	4.4	0.2	51.7	2.1	2.23	0.03	PL	T	···	1FGL J1800.4+7827 0FGL J1802.2+7827	···	bzb	S5 1803+784	···
J1800.8−2400	270.203	−24.011	5.969	−0.426	0.069	0.054	−15	8.8	6.2	0.9	71.4	9.7	1.90	0.08	PL	···	3,5	1FGL J1800.5−2359c	E	···	···	···
J1801.3−2326e	270.340	−23.440	6.527	−0.251	···	···	···	49.3	59.0	1.5	424.6	11.1	2.12	···	LP	···	10	0FGL J1801.6−2327 3EG J1800−2338 EGR J1800−2328	···	SNR	SNR G006.4−00.1 W28	24
J1801.7+4405	270.434	44.086	70.966	27.052	0.186	0.159	34	6.5	0.4	0.1	8.0	1.3	2.66	0.14	PL	···	···	···	···	bzq	S4 1800+44	···
J1802.3−2445c	270.589	−24.763	5.489	−1.103	0.134	0.104	55	9.6	4.4	1.0	49.8	5.8	2.32	···	LP	···	4,5,6	···	···	†	···	···
J1802.6−3940	270.664	−39.679	352.437	−8.421	0.022	0.022	51	61.4	16.9	0.5	165.0	4.9	2.23	···	LP	T	···	1FGL J1802.5−3939	···	bzq	PMN J1802−3940	···

Table 4—Continued

Name 2FGL	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 J1802.6−3939 3EG J1800−3955 EGR J1758−3923			
J1802.8−6706	270.710	−67.108	326.855	−20.317	0.173	0.132	−7	4.3	0.5	0.1	5.9	1.4	2.25	0.17	PL	···	···	···	···	···	···
J1803.3−2148	270.832	−21.804	8.174	0.162	0.045	0.038	61	15.5	15.1	1.1	108.7	9.3	2.16	···	LP	···	5	1FGL J1803.1−2147c 1AGL J1805−2143	···	···	···
J1803.6+2523c	270.907	25.396	51.471	21.227	0.331	0.255	−30	5.7	0.4	0.1	9.4	1.5	2.83	0.15	PL	T	4,6	···	···	agu	TXS 1801+253
J1805.0−0845	271.270	−8.752	19.796	6.161	0.111	0.103	−13	5.9	1.5	0.3	18.6	3.3	2.31	0.11	PL	···	4	1FGL J1807.0−0906	···	···	···
J1805.6−2136e	271.408	−21.612	8.604	−0.211	···	···	···	23.1	28.5	1.4	200.5	11.9	2.10	···	LP	···	···	0FGL J1805.3−2138 1AGL J1805−2143	···	SNR	SNR G008.7−00.1 W30
J1805.8+0612	271.464	6.213	33.330	12.954	0.112	0.083	−41	7.9	1.3	0.2	14.5	2.2	2.11	0.10	PL	···	···	1FGL J1806.2+0609	···	···	···
J1806.7+6948	271.679	69.800	100.104	29.178	0.039	0.036	24	32.9	3.8	0.2	43.6	2.2	2.19	0.04	PL	T	···	1FGL J1807.0+6945	···	bzb	3C 371
J1807.7−0419	271.939	−4.328	24.034	7.684	0.128	0.111	−83	6.7	0.5	0.2	19.6	2.9	2.62	···	LP	···	1,4,12	···	···	···	···
J1808.3−3356	272.092	−33.935	358.084	−6.696	0.130	0.103	−70	6.8	1.4	0.2	17.2	2.6	2.31	0.10	PL	···	···	···	···	···	···
J1808.5−2037c	272.140	−20.619	9.804	−0.323	0.117	0.098	−9	8.8	3.3	0.6	76.7	8.0	2.33	···	LP	···	2,4,5,6,10,12	···	···	···	···
J1808.6−1950c	272.154	−19.850	10.483	0.038	0.078	0.074	52	7.8	7.1	0.9	53.6	8.2	2.18	···	LP	···	4,6	1FGL J1808.5−1954c	···	glc	2MS-GC01
J1809.4+2042	272.368	20.712	47.388	18.231	0.127	0.094	18	5.4	0.6	0.1	6.4	1.6	2.17	0.24	PL	···	10	···	···	agu	RX J1809.3+2041
J1809.7+2909	272.444	29.164	55.771	21.266	0.075	0.070	85	10.3	1.2	0.2	13.0	1.8	2.04	0.11	PL	···	···	1FGL J1809.6+2908	···	bzb	MG2 J180948+2910
J1809.8−2332	272.468	−23.546	7.389	−2.006	0.013	0.013	−0	99.9	69.0	1.2	493.3	8.7	2.13	···	EC	···	···	1FGL J1809.8−2332 3EG J1809−2328 1AGL J1809−2332	···	PSR	LAT PSR J1809−2332
J1810.7+1742	272.691	17.703	44.618	16.759	0.082	0.072	−46	18.3	2.5	0.2	25.5	2.1	2.41	···	LP	···	···	1FGL J1810.3+1741	···	psr	PSR J1810+17
J1810.8+1606	272.720	16.102	43.105	16.081	0.103	0.095	−7	7.2	1.1	0.2	12.1	2.0	2.13	0.12	PL	···	···	1FGL J1811.0+1607	···	···	···
J1811.0+5340	272.774	53.670	81.878	27.366	0.130	0.094	−7	6.0	0.6	0.1	6.3	1.4	1.94	0.15	PL	···	···	···	···	agu	87GB 181007.0+533142
J1811.1−1905c	272.796	−19.093	11.438	−0.126	0.079	0.067	−29	11.4	3.1	0.5	69.9	6.2	2.34	···	LP	···	4,6,10,12	1FGL J1810.9−1905c	···	†	···
J1811.3−2421	272.833	−24.365	6.831	−2.692	0.192	0.143	42	6.4	1.6	0.4	28.2	4.7	2.39	···	LP	···	1,4,5,12	···	···	···	···
J1811.3+0339	272.834	3.657	31.623	10.585	0.079	0.071	14	6.7	0.9	0.2	12.2	2.7	1.73	0.14	PL	···	···	1FGL J1811.3+0340	···	bzb	NVSS J181118+034114
J1813.4−1246	273.358	−12.771	17.245	2.434	0.024	0.023	2	53.3	26.8	0.8	245.5	6.7	2.33	···	EC	···	···	1FGL J1813.3−1246 0FGL J1813.5−1248	···	PSR	LAT PSR J1813−1246
J1813.5+3143	273.395	31.722	58.654	21.360	0.068	0.062	−42	14.9	1.8	0.2	20.0	2.0	2.11	0.07	PL	···	···	1FGL J1813.4+3141	···	bzb	B2 1811+31
J1813.6−2821	273.404	−28.354	3.559	−5.042	0.125	0.121	−39	4.4	1.0	0.2	13.2	2.8	2.43	0.15	PL	···	4	···	···	···	···
J1813.7−1139c	273.435	−11.659	18.259	2.899	0.148	0.119	17	9.5	2.0	0.4	37.9	4.4	2.38	···	LP	···	4,5,6,12	···	···	···	···
J1813.7+0617	273.435	6.293	34.296	11.235	0.161	0.102	−8	5.9	0.9	0.2	10.7	2.2	1.97	0.13	PL	T	···	···	···	bzb	TXS 1811+062
J1814.1−1735c	273.539	−17.592	13.093	−0.024	0.079	0.070	11	13.1	9.1	1.0	84.2	7.9	2.33	···	LP	···	4,6	1FGL J1814.0−1736c 0FGL J1814.3−1739	···	···	···

Table 4—Continued

Name 2FGL	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.	F
J1815.6−6407	273.916	−64.131	330.325	−20.483	0.173	0.127	26	5.9	0.6	0.1	8.5	1.5	2.46	0.14	PL	···	···	1AGL J1815−1732 3EG J1813−6419 EGR J1814−6423	···	agu	PMN J1814−6412	
J1816.5+4511	274.149	45.199	72.854	24.741	0.083	0.072	−90	13.0	1.4	0.2	15.3	1.8	2.11	0.08	PL	···	···	1FGL J1816.7+4509	···	···	···	
J1816.7−4942	274.187	−49.701	344.410	−15.128	0.098	0.085	−87	8.9	1.2	0.2	14.0	1.9	2.26	0.09	PL	T	···	···	···	agu	PMN J1816−4943	
J1817.6−1651c	274.410	−16.861	14.132	−0.408	0.200	0.144	−65	6.2	2.0	0.6	43.6	6.8	2.38	···	LP	···	3,4,5,6,8,12	1FGL J1817.6−1651c	···	···	···	
J1818.6+0903	274.668	9.057	37.374	11.362	0.097	0.079	−84	10.6	1.8	0.2	22.6	2.6	2.32	0.08	PL	T	···	1FGL J1818.1+0905	···	bzq	MG1 J181841+0903	
J1818.7+2138	274.690	21.643	49.173	16.602	0.161	0.126	1	4.1	0.5	0.1	6.0	1.6	2.29	0.20	PL	···	···	···	···	agu	MG2 J181902+2132	
J1819.3−1523	274.836	−15.392	15.620	−0.072	0.120	0.088	27	19.3	9.2	1.1	111.1	7.1	2.42	···	LP	···	···	1FGL J1819.4−1518c	···	···	···	
J1820.6+3625	275.153	36.423	63.937	21.516	0.112	0.103	−14	5.4	0.4	0.1	5.1	1.5	1.80	0.25	PL	···	···	···	···	···	···	
J1820.6−3219	275.162	−32.323	0.726	−8.227	0.228	0.144	54	4.5	1.0	0.2	11.5	2.5	2.14	0.12	PL	···	···	1FGL J1820.5−3216	···	···	···	
J1821.8+0830	275.460	8.508	37.224	10.418	0.151	0.128	−74	4.6	0.8	0.2	11.2	2.5	2.42	0.14	PL	···	···	···	···	···	···	
J1823.1−1338c	275.786	−13.639	17.599	−0.059	0.067	0.054	6	10.4	11.8	1.2	91.6	10.7	2.22	···	LP	···	6	1FGL J1823.2−1336c	···	···	···	
J1823.4−3014	275.852	−30.248	2.864	−7.811	0.130	0.101	−16	6.7	1.4	0.2	15.8	2.7	2.16	···	EC	···	4	1FGL J1823.4−3009	···	PSR	PSR J1823−3021A	
J1823.6−3453	275.921	−34.897	358.682	−9.944	0.050	0.047	−27	11.9	1.6	0.2	22.3	3.5	1.69	0.10	PL	···	···	1FGL J1823.5−3454	···	agu	NVSS J182338−345412	
J1823.7+6856	275.949	68.935	99.179	27.645	0.108	0.098	82	8.8	0.8	0.1	9.7	1.3	2.34	0.11	PL	···	···	···	···	bzb	7C J1823+6856	
J1823.8+4312	275.965	43.214	71.139	22.959	0.147	0.129	−7	4.6	0.4	0.1	5.6	1.2	2.34	0.17	PL	···	···	···	···	···	···	
J1824.0+5650	276.001	56.838	85.723	26.094	0.055	0.053	42	27.7	2.6	0.2	35.9	1.8	2.43	0.04	PL	T	···	1FGL J1824.0+5651	···	bzb	4C +56.27	
J1824.5−1351e	276.130	−13.852	17.567	−0.454	···	···	···	10.1	13.5	2.2	184.2	20.7	1.69	0.09	PL	···	···	···	···	PWN	HESS J1825−137	
J1824.5+1013	276.147	10.225	39.095	10.563	0.101	0.088	−58	4.6	0.7	0.2	7.7	1.9	2.09	0.16	PL	···	···	1FGL J1824.6+1013	···	···	···	
J1824.8−2449	276.203	−24.827	7.864	−5.615	0.103	0.095	30	11.4	2.8	0.3	24.3	3.3	2.39	···	LP	···	···	1FGL J1824.5−2449	···	glc	NGC 6626	
J1825.1−5231	276.287	−52.530	342.242	−17.454	0.068	0.066	23	15.9	2.4	0.2	18.5	1.8	2.19	···	LP	T	···	···	···	agu	PKS 1821−525	
J1826.1−1256	276.535	−12.948	18.551	−0.380	0.019	0.018	64	52.2	53.4	1.4	361.1	10.0	2.19	···	EC	···	···	1FGL J1826.1−1256 0FGL J1825.9−1256 3EG J1826−1302 1AGL J1826−1246	···	PSR	LAT PSR J1826−1256	
J1826.3−1450	276.589	−14.837	16.904	−1.307	0.029	0.027	66	22.8	21.2	1.1	229.3	11.4	2.41	···	LP	···	···	1FGL J1826.2−1450 0FGL J1826.3−1451	P	HMB	LS 5039	
J1827.4−0846	276.858	−8.775	22.392	1.283	0.074	0.066	−43	6.3	2.5	0.5	28.1	5.1	2.05	0.10	PL	···	4	···	···	···	···	
J1827.4−1445c	276.866	−14.755	17.102	−1.505	0.093	0.066	56	4.6	2.8	0.8	31.4	8.7	2.05	0.16	PL	···	6	···	···	···	···	
J1827.6+1149	276.915	11.819	40.889	10.580	0.150	0.141	69	5.1	0.8	0.2	10.6	2.1	2.43	0.14	PL	···	1	···	···	···	···	
J1828.3−1124c	277.099	−11.414	20.165	−0.154	0.142	0.109	9	7.6	4.4	0.8	40.9	5.3	2.13	···	LP	···	2,4,6,12	1FGL J1827.9−1128c	···	†	···	
J1828.7+3231	277.181	32.528	60.634	18.629	0.159	0.130	84	5.5	0.7	0.1	7.7	1.5	2.24	0.13	PL	···	···	···	···	···	···	
J1829.1+2725	277.295	27.424	55.693	16.655	0.173	0.134	−26	8.3	0.8	0.2	12.8	1.6	2.53	0.10	PL	···	···	···	···	agu	87GB 182712.0+272717	
J1829.1−0340c	277.295	−3.673	27.118	3.262	0.162	0.120	−64	4.2	1.8	0.4	21.6	4.7	2.32	0.11	PL	···	3,6	···	···	···	···	

Table 4—Continued

Name 2FGL	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.
J1829.2+5402	277.321	54.049	82.860	24.806	0.066	0.060	−70	8.4	0.7	0.1	8.0	1.6	1.88	0.13	PL	···	···	1FGL J1829.8+5404	···	bzb	1RXS J182925.7+540255
J1829.3−2419	277.330	−24.323	8.785	−6.296	0.109	0.088	−36	6.5	1.5	0.3	16.7	3.0	2.18	0.17	PL	···	···	1FGL J1829.3−2423	···	agu	1RXS J182853.8−241746
J1829.7+4846	277.449	48.770	77.263	23.468	0.075	0.067	25	14.1	1.4	0.2	17.2	1.5	2.34	0.07	PL	T	···	1FGL J1829.8+4845	···	rdg	3C 380
J1829.8−0204c	277.452	−2.077	28.610	3.858	0.127	0.115	−62	6.6	3.5	0.6	20.3	3.7	1.97	···	LP	···	6	···	···	···	···
J1830.0+1325	277.515	13.421	42.615	10.746	0.130	0.117	−78	4.7	0.8	0.2	8.6	2.1	2.02	0.19	PL	···	···	···	···	agu	MG1 J183001+1323
J1830.1+0617	277.543	6.292	36.145	7.582	0.066	0.055	−14	13.3	2.8	0.3	31.9	3.0	2.21	0.07	PL	T	···	1FGL J1830.1+0618 0FGL J1830.3+0617	···	bzq	TXS 1827+062
J1830.2−4441	277.570	−44.689	350.122	−15.209	0.089	0.083	89	13.1	1.6	0.2	21.7	1.9	2.45	0.07	PL	T	···	···	···	agu	PMN J1830−4441
J1830.4−1634	277.609	−16.578	15.815	−2.984	0.102	0.086	29	8.3	2.1	0.3	38.1	4.9	2.66	0.10	PL	···	4	···	···	···	···
J1830.9−3132	277.736	−31.545	2.416	−9.836	0.113	0.106	−59	4.1	0.7	0.2	8.4	2.2	1.98	0.15	PL	···	···	···	···	···	···
J1831.2−1518	277.816	−15.303	17.040	−2.572	0.206	0.156	−30	4.9	1.6	0.4	33.1	6.3	2.76	0.14	PL	···	4,5	···	···	···	···
J1832.0−0200	278.003	−2.016	28.918	3.397	0.102	0.093	79	9.2	3.2	0.5	45.6	4.6	2.03	···	LP	T	12	1FGL J1831.5−0200c	···	···	···
J1832.2−6502	278.065	−65.038	330.001	−22.458	0.140	0.111	46	5.2	0.6	0.1	6.9	1.6	1.95	0.14	PL	···	···	1FGL J1833.2−6502	···	···	···
J1832.7−5700	278.177	−57.010	338.222	−20.054	0.111	0.102	−49	7.1	0.8	0.2	10.0	1.6	2.30	0.13	PL	···	···	1FGL J1832.6−5700	···	bzb	PMN J1832−5659
J1833.1−0437c	278.297	−4.630	26.729	1.934	0.183	0.111	−85	7.9	0.9	0.2	39.5	5.0	2.49	···	LP	···	3,4,6,10,12	···	···	···	···
J1833.6−1032	278.403	−10.539	21.534	−0.884	0.082	0.057	−29	13.9	10.2	0.9	62.8	5.7	2.22	···	EC	···	3,4	1FGL J1833.5−1034	···	PSR	PSR J1833−1034
J1833.6−2104	278.413	−21.075	12.153	−5.716	0.029	0.028	32	67.1	11.9	0.5	205.5	4.3	2.62	···	LP	T	···	1FGL J1833.6−2103 0FGL J1833.4−2106 3EG J1832−2110	···	bzq	PKS 1830−211
J1834.3−0848	278.578	−8.815	23.143	−0.242	0.074	0.057	43	12.6	11.4	1.0	79.3	7.3	2.08	···	LP	···	3	···	E	†	···
J1834.7−0705c	278.693	−7.096	24.721	0.449	0.073	0.068	−15	10.5	8.8	1.0	98.4	11.1	2.12	0.06	PL	···	3,6,10	1FGL J1834.7−0709c	···	†	···
J1835.4+1036	278.859	10.610	40.634	8.337	0.164	0.141	−49	4.2	0.7	0.2	9.9	2.2	2.48	0.17	PL	···	4	···	···	···	···
J1835.4+1349	278.859	13.826	43.562	9.745	0.151	0.124	82	5.3	0.8	0.2	12.2	2.3	2.49	0.14	PL	···	1,4	1FGL J1835.3+1345	···	···	···
J1835.5−0649	278.899	−6.831	25.050	0.389	0.081	0.075	15	5.2	4.1	1.0	46.0	9.9	1.96	0.13	PL	···	2	···	···	···	···
J1835.6−3258	278.908	−32.969	1.542	−11.344	0.114	0.105	51	7.0	1.5	0.3	6.6	1.2	2.06	···	LP	···	···	1FGL J1835.3−3255	···	glc	NGC 6652
J1836.2+5926	279.065	59.434	88.886	24.997	0.009	0.009	−38	303.7	99.9	1.0	602.9	5.1	1.93	···	EC	···	···	0FGL J1836.2+5924 1AGL J1836+5923	···	PSR	LAT PSR J1836+5925
J1836.2+3137	279.074	31.617	60.358	16.803	0.134	0.115	−89	6.3	0.8	0.2	9.9	1.7	2.28	0.13	PL	T	···	1FGL J1836.3+3135	···	bzb	RX J1836.2+3136
J1836.8−0623c	279.220	−6.386	25.593	0.310	0.085	0.077	37	9.7	8.9	1.0	79.9	9.9	2.25	···	LP	···	4,5,6	···	···	agu	VERA J1837−0628
J1837.3−0700c	279.347	−7.011	25.095	−0.089	0.088	0.082	59	8.2	7.6	1.3	60.9	8.5	2.09	···	LP	···	4,5,6	1FGL J1837.5−0659c	E	···	···
J1837.9+3821	279.478	38.353	67.089	18.911	0.262	0.173	32	4.8	0.4	0.1	6.7	1.3	2.68	0.17	PL	···	4	···	···	···	···
J1838.7+4759	279.696	47.994	76.898	21.820	0.067	0.060	−11	12.1	1.2	0.2	15.8	2.6	1.72	0.10	PL	T	···	1FGL J1838.6+4756	···	bzb	GB6 J1838+4802
J1839.0−0102	279.765	−1.035	30.598	2.281	0.119	0.105	6	9.6	1.5	0.3	36.7	4.0	2.40	···	LP	···	4,12	···	···	···	···
J1839.0−0539	279.766	−5.656	26.490	0.163	0.027	0.026	−75	23.6	29.4	1.5	235.4	16.5	2.21	···	LP	···	···	···	E	···	···
J1839.3−0558c	279.827	−5.980	26.230	−0.039	0.069	0.056	−30	9.4	12.3	1.4	99.2	15.3	2.18	···	LP	···	2,5,6	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref
J1839.7−0334c	279.946	−3.571	28.426	0.960	0.173	0.145	−61	6.3	2.5	0.5	41.5	6.4	4.14	···	LP	···	4,5,6,12	···	···	†	···	···
J1840.3−0413c	280.083	−4.232	27.901	0.535	0.153	0.116	−83	6.3	5.8	0.9	33.6	6.5	2.01	···	LP	···	1,4,5,6	EGR J1838−0420	···	†	···	···
J1841.2−0459c	280.305	−4.996	27.323	−0.011	0.128	0.063	−22	11.8	10.1	0.9	81.2	9.0	2.20	···	LP	T	6	···	E	†	···	···
J1841.7+3221	280.435	32.352	61.521	16.010	0.081	0.070	−53	10.6	1.4	0.2	15.2	2.1	2.03	0.10	PL	···	···	1FGL J1841.9+3220	···	bzb	RX J1841.7+3218	···
J1842.3+2740	280.582	27.671	57.108	14.068	0.147	0.129	−29	4.9	0.7	0.1	7.6	1.6	2.20	0.14	PL	···	···	···	···	···	···	···
J1842.3−5839	280.588	−58.660	336.966	−21.784	0.090	0.085	48	6.0	0.6	0.1	7.6	1.9	1.79	0.18	PL	···	···	1FGL J1842.3−5845	···	···	···	···
J1842.8−0359c	280.722	−3.990	28.408	0.079	0.076	0.069	90	6.0	6.4	1.1	35.5	8.4	2.02	···	LP	···	4,5,6	1FGL J1842.9−0359c	···	···	···	···
J1843.7−0312c	280.928	−3.216	29.190	0.250	0.131	0.095	61	8.3	7.3	1.0	58.2	8.9	2.23	···	LP	···	4,6	···	···	···	···	···
J1844.3+1548	281.076	15.810	46.316	8.678	0.069	0.062	−28	12.5	1.9	0.2	26.2	2.4	2.43	0.08	PL	···	3	1FGL J1844.1+1547	···	···	···	···
J1844.3−0343c	281.097	−3.732	28.808	−0.136	0.077	0.062	3	8.6	9.4	1.2	56.9	9.6	2.12	···	LP	···	6	1FGL J1844.2−0342c 0FGL J1844.1−0335	···	···	···	···
J1844.7+5716	281.189	57.272	86.848	23.430	0.271	0.237	19	4.1	0.4	0.1	6.0	1.4	2.49	0.16	PL	···	···	···	···	agu	TXS 1843+571	···
J1844.9−1116	281.241	−11.277	22.151	−3.699	0.190	0.179	57	8.4	0.8	0.2	23.2	2.8	2.67	···	LP	···	2,12	1FGL J1845.9−1133	···	···	···	···
J1846.4+0920	281.610	9.339	40.702	5.344	0.045	0.043	64	18.1	4.9	0.4	29.8	2.9	2.12	···	EC	T	···	1FGL J1846.4+0919	···	PSR	LAT PSR J1846+0919	···
J1846.6−2519	281.653	−25.320	9.627	−10.258	0.228	0.187	−86	7.2	1.1	0.2	16.6	2.4	2.49	0.11	PL	···	4	···	···	···	···	···
J1847.2−0236	281.809	−2.611	30.130	−0.257	0.114	0.074	−87	13.8	9.7	1.0	91.7	8.0	2.32	···	LP	···	4	1FGL J1846.8−0233c	···	···	···	···
J1848.2−0139c	282.070	−1.651	31.104	−0.051	0.100	0.093	−66	11.4	10.3	1.0	120.6	11.2	2.41	···	LP	···	3,6,10	1FGL J1848.1−0145c 0FGL J1848.6−0138	E	···	···	···
J1848.5+3216	282.127	32.274	62.019	14.661	0.095	0.089	−40	7.7	1.5	0.2	20.0	3.0	2.38	0.09	PL	T	···	0FGL J1847.8+3223	···	BZQ	B2 1846+32A	26
J1848.6+3241	282.170	32.690	62.429	14.790	0.123	0.110	11	5.0	1.0	0.2	13.8	2.9	2.43	0.12	PL	···	5	···	···	agu	B2 1846+32B	···
J1849.3−0055	282.328	−0.917	31.874	0.055	0.068	0.058	78	9.0	7.9	1.0	49.4	9.0	2.19	···	LP	···	···	1FGL J1849.0−0055c	···	†	···	···
J1849.4+6706	282.350	67.104	97.504	25.033	0.027	0.026	22	60.4	7.4	0.3	73.1	2.6	2.23	···	LP	T	···	1FGL J1849.3+6705 0FGL J1849.4+6706 1AGL J1846+6714	···	bzq	S4 1849+67	···
J1849.5+2744	282.383	27.745	57.841	12.640	0.124	0.104	−77	5.4	0.7	0.2	8.3	1.7	2.15	0.13	PL	···	···	···	···	bzb	MG2 J184929+2748	···
J1849.7−4310	282.432	−43.182	352.947	−17.890	0.082	0.080	9	9.1	1.3	0.2	14.0	2.1	2.02	0.09	PL	···	···	1FGL J1849.6−4314	···	bzb	PMN J1849−4314	···
J1849.9−0125c	282.493	−1.426	31.497	−0.325	0.094	0.081	61	7.5	7.7	1.0	60.3	10.2	2.24	···	LP	···	2,4,5,6	1FGL J1849.7−0121c	···	···	···	···
J1850.7−0014c	282.691	−0.248	32.635	0.036	0.191	0.161	26	9.2	4.3	0.9	77.6	8.8	2.52	···	LP	T	3,4,5,6,10	1FGL J1850.2−0019c	···	†	···	···
J1852.5+4856	283.132	48.938	78.605	19.939	0.049	0.047	80	26.7	2.9	0.2	34.3	1.9	2.28	0.04	PL	T	···	1FGL J1852.5+4853	···	bzq	S4 1851+48	···
J1852.7+0047c	283.183	0.788	33.781	0.071	0.187	0.131	−13	5.6	1.8	0.5	45.0	7.4	2.20	···	LP	···	3,4,5,6,12	1FGL J1853.1+0032c	···	†	···	···
J1852.8+0156c	283.205	1.934	34.811	0.574	0.100	0.094	25	7.3	5.6	0.8	38.1	5.9	2.11	···	LP	···	1,4,6	···	···	···	···	···
J1855.9+0121e	283.990	1.355	34.654	−0.388	···	···	···	57.6	79.6	1.8	548.9	13.3	2.10	···	LP	T	···	3EG J1856+0114 1AGL J1857+0137	···	SNR	SNR G034.7−00.4 W44	27
J1856.2+0450c	284.060	4.838	37.785	1.139	0.129	0.104	−70	12.3	3.7	0.8	65.3	6.0	2.47	···	LP	···	5,6	···	···	···	···	···
J1857.2+0055c	284.312	0.931	34.423	−0.868	0.065	0.052	53	12.2	10.6	1.1	60.1	7.0	1.93	···	LP	···	5,6	···	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J1857.6+0211	284.419	2.187	35.590	−0.390	0.067	0.055	52	17.8	14.4	1.0	98.7	7.4	2.16	···	LP	···	2	EGR J1856+0235	E	···	···	···
J1857.8+0355c	284.469	3.925	37.159	0.359	0.162	0.113	4	11.6	9.2	0.9	53.2	7.6	2.29	···	LP	···	2,6	1FGL J1857.9+0352c	···	···	···	···
J1858.1−2510	284.545	−25.170	10.885	−12.570	0.152	0.146	−80	8.4	1.3	0.2	17.4	2.2	2.42	0.09	PL	T	···	···	···	agu	PMN J1858−2511	···
J1858.3−2218	284.589	−22.311	13.560	−11.418	0.105	0.098	83	6.2	1.0	0.2	11.6	2.1	2.14	0.12	PL	···	10	1FGL J1858.1−2218	···	···	···	···
J1858.5+0129c	284.625	1.493	35.066	−0.890	0.190	0.126	−81	7.0	6.8	1.0	36.2	6.3	1.95	···	LP	···	4,5,6	1AGL J1857+0137	···	···	···	···
J1859.3+0312c	284.845	3.210	36.695	−0.301	0.114	0.090	−49	6.3	4.3	1.1	38.1	6.5	4.75	···	LP	T	1,4,5,6	···	···	···	···	···
J1901.1+0427	285.298	4.458	38.010	−0.133	0.116	0.092	−52	16.3	9.9	1.0	90.6	6.9	2.31	···	LP	T	···	1AGL J1901+0429	···	···	···	···
J1902.0−5109	285.508	−51.161	345.586	−22.394	0.074	0.061	6	19.4	3.0	0.3	21.8	1.7	2.21	···	EC	···	···	1FGL J1902.0−5110	···	PSR	PSR J1902−5105	···
J1902.3−1106	285.588	−11.103	24.227	−7.435	0.180	0.137	64	5.6	1.0	0.2	15.5	2.6	2.53	0.13	PL	···	1,4	···	···	···	···	···
J1902.5−6746	285.639	−67.776	327.788	−26.004	0.126	0.111	−82	8.2	0.7	0.1	10.6	1.4	2.49	0.10	PL	T	···	1FGL J1902.3−6802	···	bzq	PMN J1903−6749	···
J1902.7−7053	285.682	−70.897	324.342	−26.437	0.111	0.107	−0	9.9	1.1	0.2	12.9	1.6	2.23	0.10	PL	···	···	1FGL J1901.6−7051	···	···	···	···
J1903.3+5539	285.840	55.666	85.963	20.514	0.040	0.037	−66	27.5	3.5	0.2	39.5	2.9	1.94	0.04	PL	···	···	1FGL J1903.0+5539	···	bzb	TXS 1902+556	···
J1904.8−0705	286.220	−7.096	28.120	−6.206	0.128	0.104	33	10.3	1.9	0.3	27.6	2.9	2.48	0.08	PL	···	···	1FGL J1904.4−0703	···	···	···	···
J1904.9−3720c	286.231	−37.334	359.783	−18.552	0.156	0.121	−61	8.4	1.3	0.3	10.1	1.5	2.23	···	LP	···	2,6	1FGL J1903.8−3718c	···	···	···	···
J1906.5+0720	286.647	7.343	41.189	−0.002	0.057	0.047	−3	24.0	14.3	1.0	129.6	6.7	2.30	···	LP	···	···	1FGL J1906.6+0716c	···	···	···	···
J1907.9+0602	286.986	6.034	40.183	−0.903	0.021	0.020	−69	54.8	37.7	1.0	281.7	7.4	2.20	···	EC	···	2	1FGL J1907.9+0602 1AGL J1908+0614	E	PSR	LAT PSR J1907+0602	···
J1908.8−0132	287.204	−1.550	33.533	−4.573	0.116	0.097	−12	7.4	1.4	0.2	22.9	3.1	2.60	0.10	PL	···	10	1FGL J1908.5−0138	···	···	···	···
J1911.0+0905	287.764	9.094	43.253	−0.175	0.025	0.024	81	33.0	22.3	0.9	174.5	7.9	2.11	···	LP	T	10	1FGL J1910.9+0906c 0FGL J1911.0+0905	P	snr	SNR G043.3−00.2	···
J1911.1−2005	287.791	−20.097	16.892	−13.211	0.045	0.043	4	31.9	5.7	0.3	65.4	3.0	2.41	···	LP	T	···	1FGL J1911.2−2007 0FGL J1911.2−2011 3EG J1911−2000 EGR J1912−2000	···	bzq	PKS B1908−201	···
J1911.5−1908	287.893	−19.135	17.832	−12.900	0.155	0.106	86	4.7	0.7	0.2	8.4	2.1	1.91	0.20	PL	···	···	···	···	agu	PMN J1911−1908	···
J1912.0+1609	288.013	16.160	49.635	2.873	0.101	0.096	−13	6.0	1.3	0.3	22.9	3.8	2.61	0.11	PL	···	1,4	···	···	agu	87GB 190942.8+160617	···
J1913.4+4440	288.353	44.670	75.784	15.069	0.110	0.095	−11	4.1	0.3	0.1	4.7	1.7	1.69	0.21	PL	···	···	···	···	···	···	···
J1913.8−1237	288.451	−12.630	24.080	−10.622	0.278	0.250	−20	4.2	0.7	0.2	10.6	2.2	2.47	0.15	PL	···	4	···	···	···	···	···
J1914.0+1436	288.520	14.604	48.480	1.721	0.155	0.127	−51	7.4	0.9	0.2	28.1	3.9	4.74	···	LP	···	1,4,12	···	···	···	···	···
J1914.4+0951c	288.619	9.851	44.314	−0.572	0.128	0.103	19	5.5	2.8	0.9	29.6	5.6	2.31	···	LP	···	4,6	···	···	···	···	···
J1916.1+1106	289.045	11.109	45.624	−0.358	0.164	0.097	80	7.1	1.3	0.3	39.2	5.2	2.32	···	LP	T	3,4,12	1FGL J1916.0+1110c	···	†	···	···
J1917.0−3027	289.269	−30.456	7.506	−18.468	0.102	0.089	−65	6.1	0.9	0.2	9.8	2.0	2.00	0.14	PL	···	···	1FGL J1916.9−3028	···	···	···	···
J1917.6−1921	289.423	−19.350	18.243	−14.305	0.049	0.044	−42	19.6	3.2	0.3	37.3	3.4	1.91	0.06	PL	T	···	1FGL J1917.7−1922	···	bzb	1H 1914−194	···
J1918.2−4110	289.571	−41.175	356.797	−22.241	0.056	0.051	−86	16.8	2.5	0.2	30.5	3.4	1.84	0.06	PL	···	···	1FGL J1918.4−4108	···	bzb	PMN J1918−4111	···
J1919.5−7324	289.883	−73.409	321.637	−27.909	0.223	0.210	89	4.4	0.3	0.1	7.6	1.6	2.78	0.18	PL	···	···	···	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref
J1921.1+1436c	290.292	14.600	49.278	0.202	0.114	0.104	62	8.2	4.1	1.0	50.3	6.9	2.35	···	LP	···	2,5,6	1AGL J1922+1351	···	···	···	··
J1921.3+0131	290.332	1.520	37.713	−5.947	0.128	0.115	−24	7.6	1.5	0.2	20.6	2.8	2.43	0.09	PL	···	3	1FGL J1921.2+0132	···	···	···	··
J1921.3−1231	290.338	−12.529	24.984	−12.240	0.096	0.091	11	6.6	1.0	0.2	11.6	2.1	2.11	0.12	PL	···	···	1FGL J1921.1−1234	···	bzb	TXS 1918−126	··
J1921.9−1608	290.495	−16.138	21.695	−13.906	0.052	0.049	11	12.6	1.6	0.2	20.8	3.2	1.74	0.10	PL	···	···	1FGL J1922.0−1608	···	bzb	PMN J1921−1607	··
J1922.6−7454	290.662	−74.908	319.943	−28.146	0.084	0.082	19	5.7	0.6	0.1	6.3	1.5	2.03	0.21	PL	···	···	···	···	···	···	··
J1923.2+1408e	290.818	14.145	49.116	−0.462	···	···	···	50.1	39.2	1.1	318.6	10.2	2.08	···	LP	···	···	0FGL J1923.0+1411 1AGL J1922+1351	···	SNR	W51C W51C	28
J1923.4+2013	290.866	20.226	54.500	2.368	0.406	0.230	44	5.7	1.3	0.3	23.5	3.8	2.66	0.12	PL	···	1,4,9	···	···	···	···	··
J1923.5−2105	290.884	−21.087	17.168	−16.259	0.030	0.029	−51	47.2	8.3	0.4	81.4	3.4	2.24	···	LP	T	···	1FGL J1923.5−2104 0FGL J1923.3−2101	···	bzq	TXS 1920−211	··
J1924.8+1724c	291.211	17.417	52.178	0.753	0.141	0.119	−56	7.5	3.9	0.6	26.4	4.7	2.24	···	LP	···	2,6	1FGL J1925.0+1720c	···	···	···	··
J1924.8−2912	291.217	−29.216	9.371	−19.601	0.067	0.058	−16	23.0	3.0	0.3	41.3	2.3	2.43	0.05	PL	T	···	1FGL J1925.2−2919	···	bzq	PKS B1921−293	··
J1924.9−1036	291.236	−10.609	27.145	−12.204	0.119	0.107	−84	8.8	1.5	0.2	17.6	2.3	2.27	0.09	PL	···	···	···	···	···	···	··
J1925.7−7836c	291.450	−78.602	315.748	−28.246	0.136	0.102	−88	6.0	0.7	0.2	9.5	1.7	2.41	0.14	PL	···	1,6	···	···	···	···	··
J1927.0+6153	291.768	61.898	93.307	19.713	0.038	0.034	−68	18.8	2.2	0.2	26.1	2.7	1.84	0.07	PL	T	···	1FGL J1926.8+6153	···	bzb	1RXS J192649.5+615445	··
J1927.5+6117	291.898	61.284	92.722	19.434	0.080	0.075	43	7.5	0.9	0.2	9.5	1.7	2.08	0.12	PL	···	5	···	···	bzb	S4 1926+61	··
J1928.8+1740c	292.223	17.680	52.869	0.029	0.125	0.077	−11	6.6	1.5	0.4	33.4	5.0	2.25	···	LP	···	3,4,6,12	1FGL J1929.0+1741c 3EG J1928+1733	···	psr	PSR J1928+1746	··
J1931.1+0938	292.776	9.640	46.058	−4.287	0.045	0.042	−40	16.2	3.1	0.3	39.3	3.2	2.36	0.07	PL	T	3	1FGL J1931.2+0939	···	bzb	RX J1931.1+0937	··
J1931.8+1325	292.959	13.428	49.476	−2.631	0.309	0.262	77	5.8	0.4	0.1	18.1	2.9	2.55	···	LP	···	1,4,12	···	···	···	···	··
J1932.1+1913	293.042	19.224	54.596	0.090	0.068	0.062	−38	18.4	7.6	0.6	64.7	4.5	2.33	···	LP	···	2	1FGL J1932.1+1914c	···	†	···	··
J1933.3+0722	293.339	7.381	44.330	−5.852	0.074	0.072	−13	7.6	1.2	0.2	16.7	2.6	2.47	0.12	PL	···	4	1FGL J1933.3+0723	···	agu	1RXS J193320.3+072616	··
J1936.5−0855	294.144	−8.933	29.975	−14.055	0.227	0.164	29	4.8	0.8	0.2	10.1	2.1	2.42	0.14	PL	···	···	···	···	···	···	··
J1936.8−4721	294.214	−47.357	351.132	−27.008	0.068	0.064	44	7.2	0.7	0.2	10.0	2.5	1.64	0.16	PL	···	···	1FGL J1936.9−4720	···	bzb	PMN J1936−4719	··
J1936.9+8402	294.239	84.041	116.441	25.804	0.162	0.141	24	4.6	0.4	0.1	4.7	1.1	2.03	0.15	PL	···	···	···	···	agu	6C B194425+834912	··
J1937.2−3955	294.320	−39.933	359.200	−25.359	0.104	0.091	74	10.0	1.1	0.2	16.1	1.8	2.47	0.09	PL	T	···	1FGL J1938.2−3957	···	bzq	PKS 1933−400	··
J1940.8−6213	295.210	−62.226	334.460	−29.482	0.168	0.150	−1	6.8	0.6	0.1	9.3	1.4	2.49	0.12	PL	T	···	···	···	agu	PKS 1936−623	··
J1941.6+7218	295.417	72.315	104.272	22.065	0.186	0.120	77	10.5	1.0	0.2	12.3	1.6	2.48	···	LP	T	···	1FGL J1941.6+7214	···	agu	87GB 194202.1+721428	··
J1942.5−1024	295.644	−10.402	29.267	−16.024	0.187	0.165	21	4.9	0.7	0.2	10.5	2.2	2.54	0.14	PL	···	···	···	···	sey	NGC 6814	··
J1942.7−8049c	295.681	−80.821	313.155	−28.793	0.210	0.141	−6	7.3	1.0	0.2	13.4	1.9	2.40	0.10	PL	···	2,6	···	···	···	···	··
J1942.8+1033	295.706	10.558	48.262	−6.372	0.039	0.037	14	16.9	2.8	0.3	34.0	3.7	1.82	0.07	PL	···	···	1FGL J1942.7+1033	···	agu	1RXS J194246.3+103339	··
J1942.9−3528	295.737	−35.481	4.276	−25.226	0.179	0.169	−79	4.8	0.8	0.2	8.8	1.8	2.21	0.15	PL	···	···	···	···	···	···	··
J1944.3+7325	296.093	73.423	105.468	22.266	0.157	0.144	−62	4.5	0.5	0.1	6.9	1.6	2.52	0.16	PL	···	5	···	···	···	···	··
J1946.1−3115	296.548	−31.260	8.943	−24.623	0.147	0.128	73	4.6	0.7	0.2	8.6	1.8	2.29	0.15	PL	···	···	1FGL J1946.1−3118	···	bzb	PKS 1942−313	··
J1946.4−5402	296.602	−54.046	343.900	−29.554	0.111	0.091	−54	12.2	1.7	0.2	9.9	1.3	2.15	···	LP	···	···	1FGL J1946.7−5404	···	···	···	··

Table 4—Continued

Name 2FGL	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.	Ref.
J1946.7−1118	296.677	−11.311	28.861	−17.329	0.185	0.171	−29	4.8	0.8	0.2	9.6	2.0	2.31	0.14	PL	···	···	···	···	···	···	···
J1947.8−0739	296.972	−7.663	32.426	−16.014	0.207	0.168	88	6.5	0.9	0.2	12.6	2.0	2.49	0.12	PL	···	···	···	···	···	···	···
J1949.4−1457	297.374	−14.958	25.663	−19.463	0.151	0.145	27	5.2	0.8	0.2	9.3	1.8	2.30	0.13	PL	···	···	···	···	···	···	···
J1949.7+2405	297.437	24.086	60.841	−1.055	0.178	0.158	85	6.9	1.8	0.4	18.6	2.7	2.17	···	LP	···	1,4,12	···	···	···	···	···
J1949.9+0907	297.476	9.123	47.861	−8.595	0.177	0.117	−15	5.4	0.7	0.2	10.7	2.1	2.47	0.15	PL	···	1	1FGL J1950.0+0904	···	···	···	···
J1950.3+1223	297.579	12.395	50.782	−7.064	0.177	0.136	5	9.5	1.2	0.2	21.7	2.4	2.65	0.09	PL	···	···	1FGL J1950.4+1226	···	···	···	···
J1952.6−3252	298.156	−32.869	7.689	−26.403	0.727	0.519	6	4.4	0.6	0.2	8.2	1.8	2.44	0.15	PL	···	8,9	···	···	···	···	···
J1953.0+3253	298.254	32.887	68.778	2.820	0.023	0.023	67	56.4	21.1	0.7	141.8	4.1	2.13	···	EC	···	···	1FGL J1952.9+3252 0FGL J1953.2+3249	···	PSR	PSR J1952+3252	···
J1954.3+2836	298.580	28.609	65.251	0.381	0.031	0.028	36	34.8	16.7	0.7	110.5	4.8	2.15	···	EC	···	···	1FGL J1954.3+2836 0FGL J1954.4+2838	···	PSR	LAT PSR J1954+2836	···
J1954.4−1607	298.614	−16.131	25.030	−21.028	0.226	0.171	−79	4.5	0.7	0.2	8.0	1.9	2.13	0.15	PL	···	···	···	···	···	···	···
J1954.6−1122	298.671	−11.381	29.666	−19.131	0.073	0.062	−74	18.8	2.9	0.3	34.7	2.5	2.25	0.05	PL	T	···	1FGL J1954.8−1124	···	bzq	TXS 1951−115	···
J1955.0−5639	298.775	−56.654	341.009	−31.002	0.077	0.074	29	5.1	0.5	0.1	6.3	1.7	1.88	0.19	PL	···	1	···	···	agu	1RXS J195503.1−564031	···
J1955.2+1356	298.807	13.936	52.731	−7.326	0.077	0.075	−37	12.5	1.9	0.2	24.7	2.3	2.40	0.08	PL	T	···	1FGL J1954.8+1402	···	bzq	87GB 195252.4+135009	···
J1955.9−0241	298.983	−2.700	37.969	−15.567	0.194	0.167	38	5.7	0.7	0.2	11.7	2.0	2.58	0.13	PL	···	1	1FGL J1956.2−0238	···	···	···	···
J1957.9+5033	299.481	50.555	84.606	10.975	0.065	0.064	54	25.5	3.4	0.3	28.1	1.7	2.35	···	EC	···	···	1FGL J1957.6+5033	···	PSR	LAT PSR J1957+5033	···
J1958.2−3848	299.554	−38.806	1.530	−29.012	0.059	0.056	−49	24.5	3.1	0.2	39.0	2.2	2.36	0.05	PL	T	···	1FGL J1958.4−3847	···	bzq	PKS 1954−388	···
J1958.4−3012	299.619	−30.212	10.938	−26.823	0.088	0.081	−38	5.0	0.6	0.2	7.0	1.9	1.86	0.24	PL	···	···	1FGL J1958.4−3013	···	bzb	1RXS J195815.6−301119	···
J1958.6+4020	299.650	40.350	75.774	5.698	0.171	0.137	71	5.5	1.0	0.2	12.0	2.3	2.30	0.15	PL	···	1	···	···	···	···	···
J1958.6+2845	299.664	28.762	65.876	−0.353	0.031	0.030	−56	32.3	14.8	0.7	95.3	4.7	2.14	···	EC	···	···	1FGL J1958.6+2845 3EG J1958+2909	···	PSR	LAT PSR J1958+2846	···
J1958.9+3844	299.731	38.740	74.423	4.811	0.217	0.159	−54	5.7	1.0	0.2	15.3	2.6	2.52	0.13	PL	T	4	···	···	agu	MG2 J195919+3847	···
J1959.1−4245	299.786	−42.760	357.123	−29.989	0.067	0.063	−58	22.1	2.5	0.2	32.9	2.0	2.41	0.05	PL	T	···	1FGL J1959.3−4241	···	bzq	PMN J1959−4246	···
J1959.5+2047	299.899	20.791	59.184	−4.701	0.073	0.072	14	12.4	2.7	0.3	16.7	1.9	2.25	···	EC	···	···	1FGL J1959.6+2047	···	PSR	PSR J1959+2048	···
J1959.6−2931	299.919	−29.519	11.767	−26.864	0.195	0.171	84	4.5	0.7	0.2	10.7	2.0	2.58	0.13	PL	···	···	···	···	agu	PMN J2000−2931	···
J1959.9+4212	299.978	42.210	77.503	6.448	0.140	0.114	−42	4.6	0.8	0.2	8.9	2.2	2.13	0.16	PL	···	8	···	···	agu	MG4 J195957+4213	···
J1959.9−4727	299.988	−47.455	351.772	−30.876	0.057	0.055	53	12.5	1.4	0.2	18.8	3.1	1.71	0.09	PL	···	···	1FGL J1959.7−4730	···	···	···	···
J1959.9+3336c	299.991	33.601	70.143	1.948	0.144	0.115	31	7.5	1.5	0.3	21.0	2.9	2.35	···	LP	···	4,6,12	···	···	···	···	···
J2000.0+6509	300.020	65.157	98.016	17.666	0.026	0.025	85	40.4	5.9	0.3	66.9	3.6	1.94	0.03	PL	T	···	1FGL J2000.0+6508 0FGL J2000.2+6506	P	bzb	1ES 1959+650	···
J2000.8−1751	300.217	−17.857	23.961	−23.113	0.080	0.076	65	17.0	2.5	0.2	32.0	2.4	2.38	0.06	PL	T	···	1FGL J2000.9−1749	···	bzq	PKS 1958−179	···
J2001.1+4352	300.288	43.879	79.060	7.118	0.020	0.020	80	47.2	11.8	0.4	136.1	6.0	1.90	0.03	PL	T	···	1FGL J2001.1+4351 0FGL J2001.0+4352	P	bzb	MAGIC J2001+435	···
J2001.7+7042	300.430	70.704	103.348	19.973	0.087	0.080	55	6.2	0.8	0.2	9.3	1.8	2.18	0.13	PL	···	···	1FGL J2001.9+7040	···	bzb	TXS 2001+705	···

Table 4—Continued

Name 2FGL	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.	Ref.
J2002.8−2150	300.717	−21.843	20.094	−25.024	0.147	0.138	45	4.1	0.5	0.1	6.0	1.6	2.06	0.19	PL	···	···	···	···	···	···	···
J2004.4+3339c	301.120	33.662	70.693	1.182	0.070	0.061	72	9.1	2.9	0.4	32.2	4.3	2.04	0.08	PL	···	3,6	1FGL J2004.7+3343	···	···	···	···
J2004.5+7754	301.129	77.916	110.480	22.797	0.143	0.102	−90	10.0	1.1	0.1	12.5	1.5	2.22	0.09	PL	T	···	1FGL J2006.0+7751	···	bzb	S5 2007+77	···
J2004.6+7004	301.173	70.074	102.861	19.474	0.063	0.056	37	9.5	1.2	0.2	13.1	2.0	1.97	0.11	PL	T	···	1FGL J2004.8+7004	···	···	···	···
J2006.2−0929	301.572	−9.492	32.780	−20.905	0.422	0.283	−13	4.8	0.6	0.2	8.7	1.7	2.43	0.13	PL	···	9	···	···	···	···	···
J2006.5−2256	301.639	−22.949	19.275	−26.208	0.166	0.138	−35	6.4	0.8	0.2	11.2	1.8	2.49	0.12	PL	T	···	1FGL J2006.6−2302 3EG J2006−2321	···	···	···	···
J2006.9−1734	301.734	−17.582	24.842	−24.343	0.170	0.159	−1	4.7	0.6	0.1	9.6	2.0	2.59	0.15	PL	···	4,5	···	···	···	···	···
J2007.9−4430	301.992	−44.515	355.408	−31.849	0.107	0.103	76	6.8	0.7	0.1	9.4	1.5	2.47	0.12	PL	···	···	1FGL J2007.9−4430	···	sey	PKS 2004−447	···
J2009.1−0339	302.281	−3.660	38.666	−18.932	0.189	0.181	87	5.9	0.9	0.2	10.8	1.9	2.35	0.12	PL	···	1	···	···	···	···	···
J2009.2−1505	302.318	−15.087	27.599	−23.888	0.159	0.154	69	6.5	0.2	0.1	9.0	1.4	2.78	···	LP	···	12	···	···	···	···	···
J2009.5−4850	302.375	−48.834	350.372	−32.614	0.032	0.031	−52	25.9	3.8	0.3	48.1	4.3	1.78	0.05	PL	T	···	1FGL J2009.5−4849 0FGL J2009.4−4850	P	BZB	PKS 2005−489	···
J2009.7+7225	302.437	72.418	105.284	20.157	0.086	0.082	29	12.3	1.4	0.2	17.5	1.8	2.30	0.08	PL	T	···	1FGL J2009.1+7228	···	bzb	4C +72.28	···
J2009.8+2747	302.457	27.795	66.370	−2.948	0.377	0.345	4	4.6	0.8	0.2	11.7	2.3	2.41	···	LP	···	4,12	···	···	···	···	···
J2012.1+4630	303.035	46.508	82.339	6.866	0.042	0.037	45	14.2	2.6	0.3	28.8	3.1	1.97	0.07	PL	T	···	1FGL J2012.2+4629	···	bzb	7C 2010+4619	···
J2012.4+3955c	303.120	39.929	76.833	3.229	0.107	0.097	−55	8.6	2.0	0.4	23.3	3.3	2.42	···	LP	···	6	···	···	···	···	···
J2013.8+4115c	303.454	41.260	78.087	3.749	0.123	0.105	−62	8.6	2.5	0.4	26.4	3.8	2.35	···	LP	···	6	···	···	···	···	···
J2014.0−0046	303.517	−0.771	41.973	−18.668	0.116	0.083	84	7.1	1.0	0.2	11.4	2.3	1.89	0.15	PL	···	2	1FGL J2014.5−0047	···	bzb	PMN J2014−0047	···
J2014.7+0646	303.685	6.781	48.928	−15.091	0.116	0.108	−75	4.8	0.5	0.2	6.8	2.0	1.74	0.23	PL	···	···	1FGL J2014.4+0647	···	···	···	···
J2015.1−0137	303.778	−1.620	41.315	−19.301	0.090	0.073	12	8.3	1.2	0.2	13.8	2.0	2.25	0.11	PL	···	···	1FGL J2015.3−0129	···	bzb	PKS 2012−017	···
J2015.6+3709	303.924	37.162	74.873	1.176	0.040	0.035	−87	27.4	12.0	0.6	120.4	6.1	2.37	···	LP	T	···	1FGL J2015.7+3708 3EG J2016+3657	···	agu	MG2 J201534+3710	···
J2016.3−0904	304.078	−9.070	34.343	−22.953	0.053	0.050	23	14.8	1.9	0.2	21.2	2.3	2.05	0.08	PL	···	···	1FGL J2016.2−0903	···	bzb	PMN J2016−0903	···
J2017.3+0603	304.350	6.054	48.626	−16.030	0.033	0.032	74	31.2	6.4	0.4	37.8	2.5	1.88	···	EC	···	···	1FGL J2017.3+0603 0FGL J2017.2+0602	···	PSR	PSR J2017+0603	···
J2017.4−3215	304.350	−32.265	9.940	−31.274	0.170	0.147	−3	5.4	0.5	0.2	9.4	1.6	2.65	0.17	PL	···	1	···	···	···	···	···
J2017.5−1618	304.395	−16.309	27.222	−26.206	0.107	0.096	−33	9.2	1.1	0.2	12.9	1.8	2.18	0.11	PL	···	···	1FGL J2017.9−1621 3EG J2020−1545	···	···	···	···
J2018.0+3626	304.511	36.448	74.545	0.387	0.059	0.050	−53	18.5	11.1	0.7	75.0	6.3	2.28	···	LP	···	···	···	E	···	···	···
J2018.2+3850c	304.565	38.841	76.549	1.697	0.075	0.060	61	8.4	2.7	0.4	31.2	4.8	2.18	0.10	PL	···	6	···	···	agu	TXS 2016+386	···
J2019.1+4040	304.779	40.681	78.163	2.595	0.102	0.052	33	10.3	4.7	0.8	55.1	7.4	1.88	0.10	PL	···	2,8,9	···	E	†	···	···
J2020.0+4159	305.016	41.993	79.349	3.188	0.127	0.110	−85	9.4	2.5	0.9	40.0	4.9	2.41	···	LP	···	4	···	···	···	···	···
J2021.0+3651	305.270	36.863	75.231	0.119	0.013	0.013	34	95.0	67.6	1.2	488.8	8.5	2.17	···	EC	···	···	1FGL J2021.0+3651 0FGL J2020.8+3649	E	PSR	PSR J2021+3651	···

Table 4—Continued

Name 2FGL	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.
																		1AGL J2021+3652			
J2021.5+0632	305.391	6.542	49.614	−16.671	0.138	0.108	24	5.2	0.7	0.2	8.3	1.8	2.15	0.15	PL	···	···	···	···	···	···
J2021.5+4026	305.392	40.441	78.228	2.075	0.010	0.010	−41	129.7	122.6	1.5	928.2	10.2	2.15	···	EC	···	···	1FGL J2021.5+4026	···	PSR	LAT PSR J2021+4026
																		0FGL J2021.5+4026			
																		1AGL J2022+4032			
J2022.3−4518	305.584	−45.308	354.823	−34.468	0.247	0.152	28	4.4	0.5	0.1	6.0	1.3	2.31	0.15	PL	···	···	1FGL J2022.5−4532	···	bzb	PMN J2022−4513
J2022.5+7614	305.636	76.243	109.334	21.160	0.097	0.085	67	13.4	1.5	0.2	18.5	1.7	2.32	0.07	PL	T	···	···	···	bzb	S5 2023+760
J2022.8+3843c	305.709	38.723	76.957	0.894	0.134	0.125	−18	10.0	2.3	0.4	41.8	4.5	2.52	···	LP	···	2,4,6,12	···	···	snr	SNR G076.9+01.0
J2023.4−1137	305.859	−11.630	32.620	−25.628	0.081	0.076	61	9.3	1.1	0.2	12.5	1.9	2.07	0.11	PL	···	···	1FGL J2023.7−1141	···	bzq	PMN J2023−1140
J2025.1+3341	306.282	33.695	73.105	−2.371	0.061	0.059	82	12.4	4.1	0.4	47.6	4.8	2.44	···	LP	T	···	···	···	agu	B2 2023+33
J2025.6−0736	306.416	−7.605	36.889	−24.388	0.029	0.029	31	63.2	10.1	0.4	107.5	3.2	2.32	···	LP	T	···	1FGL J2025.6−0735	···	bzq	PKS 2023−07
																		0FGL J2025.6−0736			
																		3EG J2025−0744			
																		1AGL J2026−0732			
J2028.3+3332	307.098	33.542	73.375	−3.014	0.040	0.036	−68	25.8	10.2	0.6	60.8	4.6	2.21	···	LP	···	···	···	···	···	···
J2029.4+4924	307.367	49.407	86.391	6.087	0.071	0.066	22	15.6	4.1	0.4	27.7	2.7	2.24	···	LP	T	···	1FGL J2029.2+4924	···	bzb	MG4 J202932+4925
J2030.0+3640	307.512	36.680	76.120	−1.452	0.044	0.042	11	17.1	7.4	0.6	37.0	3.5	2.10	···	EC	···	···	1FGL J2030.0+3641	···	PSR	PSR J2030+3641
J2030.3−0622	307.593	−6.373	38.678	−24.878	0.084	0.082	56	10.4	0.9	0.1	17.7	1.9	2.73	0.10	PL	T	···	1FGL J2030.3−0617	···	bzq	TXS 2027−065
J2030.7+4417	307.675	44.284	82.343	2.921	0.068	0.065	−3	18.6	6.7	0.5	56.2	4.0	2.32	···	LP	···	···	1FGL J2030.9+4411	···	···	···
J2031.0+1938	307.773	19.641	62.269	−11.527	0.116	0.101	89	6.6	0.8	0.1	8.8	1.9	1.88	0.15	PL	···	···	···	···	agu	RX J2030.8+1935
J2031.4−1842	307.868	−18.703	26.103	−30.172	0.288	0.225	−89	4.1	0.3	0.1	6.6	1.5	2.78	0.23	PL	T	4,8,9,11	···	···	···	···
J2031.7+1223	307.940	12.389	56.165	−15.703	0.160	0.133	−85	9.7	1.2	0.2	16.2	1.9	2.40	0.09	PL	T	···	1FGL J2031.5+1219	···	bzb	PKS 2029+121
																		EGR J2032+1226			
J2032.1+4049	308.044	40.828	79.713	0.662	0.109	0.078	−10	13.6	3.8	0.9	102.2	8.4	2.48	···	LP	T	2	1AGL J2032+4102	···	HMB	Cyg X−3
J2032.2+4126	308.062	41.437	80.212	1.011	0.023	0.021	−21	36.8	21.8	0.9	143.7	8.9	2.10	···	EC	···	···	1FGL J2032.2+4127	E	PSR	LAT PSR J2032+4127
																		0FGL J2032.2+4122			
																		1AGL J2032+4102			
J2033.6+3927	308.411	39.452	78.773	−0.382	0.117	0.090	−74	13.0	0.7	0.1	61.2	4.7	2.77	···	LP	···	4,12	1FGL J2032.8+3928	···	···	···
J2034.7−4201	308.687	−42.031	359.088	−36.392	0.093	0.090	−89	4.7	0.5	0.1	5.3	1.4	2.03	0.20	PL	···	···	1FGL J2034.6−4202	···	···	···
J2034.9+3632	308.739	36.535	76.587	−2.331	0.084	0.075	29	5.5	1.5	0.3	17.0	3.3	2.03	0.11	PL	···	···	1FGL J2034.7+3639	···	···	···
J2035.4+1058	308.851	10.972	55.435	−17.224	0.099	0.087	−48	14.4	1.5	0.2	24.3	2.0	2.55	0.07	PL	T	···	1FGL J2035.4+1100	···	bzq	PKS 2032+107
J2036.0+4224c	309.021	42.415	81.422	1.023	0.170	0.120	−58	6.1	0.6	0.2	39.9	6.1	2.54	···	LP	···	3,4,5,6,12	···	···	···	···
J2036.6+6551	309.166	65.857	100.650	14.760	0.106	0.085	48	4.9	0.6	0.1	6.5	1.6	2.00	0.16	PL	···	···	1FGL J2038.1+6552	···	bzb	87GB 203539.4+654245
J2038.0+4145c	309.524	41.754	81.121	0.326	0.223	0.170	89	8.8	1.1	0.3	54.2	6.6	2.64	···	LP	···	3,4,5,6,8,12	···	···	···	···
J2039.1−1046	309.786	−10.779	35.312	−28.764	0.055	0.049	−8	17.5	2.2	0.2	24.8	2.5	1.99	0.07	PL	T	···	1FGL J2039.0−1047	···	bzb	TXS 2036−109

Table 4—Continued

Name 2FGL	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.
J2039.6+5218	309.913	52.314	89.704	6.511	0.082	0.072	5	4.1	0.4	0.2	6.9	2.4	1.50	0.26	PL	···	···	···	···	bzb	1ES 2037+521
J2039.8−5620	309.965	−56.341	341.192	−37.178	0.066	0.064	4	17.6	2.2	0.2	24.9	2.0	2.19	0.06	PL	···	10	1FGL J2039.4−5621	···	···	···
J2040.1+4105c	310.050	41.084	80.829	−0.394	0.156	0.106	16	4.5	1.9	0.4	30.1	6.1	2.54	0.13	PL	···	4,5,6	···	···	···	···
J2040.2−7109	310.058	−71.151	323.278	−34.261	0.129	0.117	−34	4.5	0.4	0.1	4.9	1.3	2.03	0.22	PL	···	···	···	···	agu	PKS 2035−714
J2041.2+4735	310.322	47.594	86.101	3.434	0.092	0.086	−66	11.7	3.6	0.4	28.8	3.1	2.30	···	LP	···	···	···	···	···	···
J2041.5+5003	310.376	50.066	88.085	4.916	0.153	0.136	−66	4.2	1.2	0.3	15.3	3.5	2.33	0.12	PL	···	4,5	···	···	†	···
J2042.0+4252c	310.508	42.872	82.451	0.433	0.220	0.188	47	9.9	0.8	0.2	47.1	4.9	2.70	···	LP	···	2,4,6,12	···	···	···	···
J2042.1+2428	310.533	24.470	67.788	−10.798	0.097	0.084	−49	6.2	0.6	0.1	8.1	2.1	1.73	0.17	PL	···	···	1FGL J2042.2+2427	···	bzb	MG2 J204208+2426
J2042.8−7317	310.714	−73.299	320.735	−33.797	0.138	0.111	−14	5.1	0.5	0.1	5.7	1.3	2.28	0.21	PL	···	···	1FGL J2043.0−7317	···	···	···
J2043.2+1711	310.809	17.184	61.897	−15.296	0.049	0.047	−34	27.0	4.6	0.3	29.4	1.9	2.05	···	EC	···	···	1FGL J2043.2+1709	···	PSR	PSR J2043+1710
J2043.3+5105	310.838	51.099	89.085	5.317	0.156	0.140	49	10.9	1.8	0.3	24.2	2.5	2.44	···	LP	T	2,12	···	···	†	···
J2043.7+2743	310.947	27.724	70.655	−9.137	0.121	0.107	23	8.8	1.4	0.2	9.3	1.6	2.30	···	EC	···	···	1FGL J2043.7+2740	···	PSR	PSR J2043+2740
J2044.4−4757	311.123	−47.961	351.729	−38.379	0.146	0.136	−52	7.3	0.8	0.1	9.6	1.6	2.22	0.12	PL	···	···	···	···	···	···
J2046.0+4954	311.523	49.913	88.420	4.241	0.112	0.097	−83	9.3	2.4	0.4	25.3	3.4	2.35	···	LP	···	···	1FGL J2046.0+4954	···	†	···
J2046.2−4259	311.565	−42.988	358.090	−38.580	0.135	0.120	42	4.1	0.4	0.1	4.9	1.3	2.08	0.20	PL	···	···	···	···	···	···
J2046.7+1055	311.689	10.925	57.020	−19.570	0.152	0.131	48	6.2	0.8	0.2	9.4	1.7	2.26	0.13	PL	···	···	1FGL J2047.6+1055	···	psr	PSR J2047+10
J2047.9+4536c	312.000	45.615	85.263	1.303	0.219	0.157	53	6.7	0.6	0.2	21.7	3.1	2.60	···	LP	···	1,4,6,12	···	···	···	···
J2049.8+1001	312.453	10.021	56.674	−20.700	0.148	0.131	−29	8.4	1.0	0.2	13.1	1.8	2.38	0.10	PL	T	···	1FGL J2049.7+1003	···	agu	PKS 2047+098
J2050.0+0408	312.503	4.150	51.391	−23.957	0.110	0.094	40	7.3	0.8	0.1	9.2	1.7	2.03	0.13	PL	···	···	1FGL J2050.1+0407	···	bzb	PKS 2047+039
J2051.0+3040e	312.750	30.670	73.985	−8.563	···	···	···	27.7	11.4	0.6	77.2	3.8	2.08	···	EC	T	···	···	···	SNR	SNR G074.0−08.5
																				Cygnus Loop	
J2051.8+5054	312.955	50.906	89.769	4.156	0.092	0.091	−0	6.4	1.8	0.3	21.1	3.5	2.23	0.10	PL	···	4,5	1FGL J2052.2+5059	···	···	···
J2053.2+1212c	313.323	12.212	59.114	−20.154	0.121	0.110	−42	5.2	0.6	0.1	7.3	1.5	2.35	0.16	PL	···	6	···	···	···	···
J2055.4−0023	313.861	−0.398	47.870	−27.487	0.097	0.082	69	5.2	0.4	0.1	8.1	3.0	1.35	0.23	PL	···	···	1FGL J2055.5−0023	···	bzb	1RXS J205528.2−0021
J2055.8+2539	313.960	25.664	70.690	−12.526	0.037	0.037	87	45.1	9.2	0.4	55.9	2.1	2.12	···	EC	···	···	1FGL J2055.8+2539	···	PSR	LAT PSR J2055+2539
																		0FGL J2055.5+2540			
J2055.8+4754	313.967	47.909	87.891	1.728	0.216	0.098	73	4.4	1.1	0.3	12.0	3.0	2.13	0.14	PL	···	4,9	···	···	···	···
J2056.2−4715	314.068	−47.255	352.580	−40.381	0.029	0.028	90	65.9	8.6	0.4	100.8	3.0	2.35	···	LP	T	···	1FGL J2056.3−4714	···	bzq	PKS 2052−47
																		0FGL J2056.1−4715			
																		3EG J2055−4716			
J2056.7+4939	314.181	49.655	89.313	2.752	0.069	0.064	−13	5.8	1.2	0.3	14.2	3.3	1.91	0.16	PL	···	···	1FGL J2056.7+4938	···	agu	RGB J2056+496
J2102.2+4546	315.560	45.775	86.991	−0.492	0.097	0.092	−70	11.1	2.7	0.3	27.3	3.2	2.45	···	LP	T	3	···	···	NOV	V407 Cyg
J2103.3+4357c	315.832	43.962	85.763	−1.840	0.149	0.121	−15	8.0	1.6	0.3	25.2	3.1	2.57	0.09	PL	···	1,4,6	···	···	···	···
J2103.4+4706	315.856	47.115	88.128	0.245	0.226	0.117	−70	5.5	1.5	0.3	17.0	3.3	2.03	0.12	PL	···	1,8,9	···	···	agu	GB6 J2102+4702
J2103.5−1112	315.896	−11.203	37.863	−34.371	0.188	0.138	−27	5.0	0.6	0.1	6.7	1.5	2.15	0.16	PL	···	···	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J2103.6−6236	315.921	−62.610	332.639	−38.920	0.076	0.065	−8	12.8	1.3	0.2	14.8	2.0	1.93	0.09	PL	···	···	1FGL J2103.9−6237	···	agu	PMN J2103−6232	···
J2104.9+3555	316.240	35.930	79.944	−7.408	0.112	0.103	−82	5.4	0.8	0.2	9.5	1.9	2.35	0.14	PL	···	1,4	···	···	···	···	···
J2107.6+2506	316.909	25.106	71.990	−14.938	0.199	0.179	−52	4.2	0.5	0.1	7.1	1.6	2.40	0.16	PL	···	···	···	···	···	···	···
J2107.8+3652	316.963	36.882	81.051	−7.208	0.095	0.080	52	5.0	0.6	0.2	6.6	1.8	1.89	0.19	PL	···	···	···	···	···	···	···
J2107.9+5207c	316.987	52.119	92.334	3.056	0.123	0.111	19	12.9	3.2	0.6	36.0	3.3	2.34	···	LP	···	2,6	1FGL J2107.5+5202c	···	···	···	···
J2108.6−1603	317.159	−16.062	32.982	−37.453	0.246	0.185	90	4.1	0.4	0.1	5.9	1.4	2.59	0.21	PL	···	11	···	···	···	···	···
J2108.7−0246	317.180	−2.780	47.451	−31.556	0.114	0.093	26	4.6	0.4	0.1	4.9	1.7	1.74	0.20	PL	···	···	1FGL J2108.5−0249	···	bzb	TXS 2106−030	···
J2108.9−6636	317.229	−66.603	327.573	−38.171	0.099	0.085	33	7.1	0.6	0.1	7.2	1.6	1.88	0.15	PL	T	···	1FGL J2108.6−6646	···	agu	PKS 2104−668	···
J2109.9+0807	317.498	8.131	58.085	−25.868	0.121	0.116	55	7.3	1.0	0.2	12.0	1.8	2.27	0.11	PL	T	···	1FGL J2110.0+0811	···	bzq	PMN J2110+0810	···
J2110.3+3822	317.590	38.369	82.495	−6.575	0.127	0.115	83	4.6	0.7	0.2	7.4	1.8	2.08	0.19	PL	···	···	1FGL J2110.3+3820	···	···	···	···
J2111.3+4605	317.834	46.094	88.292	−1.447	0.043	0.041	18	22.2	6.4	0.4	38.8	3.1	2.07	···	LP	···	···	1FGL J2111.3+4607	···	···	···	···
																		0FGL J2110.8+4608				
J2112.3−4832	318.088	−48.542	350.590	−42.971	0.168	0.141	−62	5.6	0.4	0.1	7.7	1.4	2.70	0.16	PL	···	1	···	···	···	···	···
J2112.5+0818	318.146	8.311	58.665	−26.283	0.120	0.113	25	4.7	0.6	0.2	6.6	1.7	1.94	0.19	PL	···	···	···	···	agu	1RXS J211242.5+081831	···
J2112.5−3042	318.149	−30.711	14.931	−42.448	0.055	0.050	73	19.7	3.4	0.3	18.9	2.0	2.00	···	LP	···	···	1FGL J2112.5−3044	···	···	···	···
J2114.1+5440	318.539	54.673	94.839	4.121	0.233	0.123	53	4.3	1.2	0.3	13.6	2.9	2.25	0.14	PL	···	···	···	···	···	···	···
J2115.3+2932	318.848	29.547	76.603	−13.303	0.103	0.090	−2	11.1	1.3	0.2	16.7	1.8	2.33	0.08	PL	T	···	1FGL J2115.5+2937	···	bzq	B2 2113+29	···
J2115.4+1213	318.859	12.220	62.596	−24.504	0.145	0.114	−6	5.1	0.5	0.1	6.8	1.4	2.38	0.19	PL	···	···	···	···	···	···	···
J2116.2+3339	319.052	33.662	79.817	−10.642	0.039	0.037	−74	20.3	2.8	0.2	34.9	3.6	1.80	0.06	PL	T	···	1FGL J2116.1+3338	···	bzb	B2 2114+33	···
J2117.5+3730	319.385	37.515	82.843	−8.192	0.105	0.093	−90	10.5	1.8	0.2	10.8	1.6	2.14	···	LP	···	···	1FGL J2116.8+3729	···	···	···	···
J2120.6−1301	320.152	−13.030	37.983	−38.914	0.180	0.147	83	6.7	0.6	0.1	9.2	1.5	2.47	0.13	PL	···	···	1FGL J2120.2−1259	···	···	···	···
J2121.0+1901	320.263	19.032	69.254	−21.245	0.051	0.048	80	19.5	2.3	0.2	26.9	2.1	2.20	0.06	PL	···	···	1FGL J2120.9+1901	···	bzq	OX 131	···
J2124.0−1513	321.023	−15.223	35.813	−40.569	0.256	0.238	−0	4.2	0.3	0.1	6.4	1.5	2.71	0.22	PL	T	11	···	···	···	···	···
J2124.6−3357	321.160	−33.965	10.942	−45.418	0.037	0.035	−21	37.8	7.4	0.4	37.0	1.9	1.94	···	EC	···	···	1FGL J2124.7−3358	···	PSR	PSR J2124−3358	···
																		0FGL J2124.7−3358				
J2125.0−4632	321.265	−46.546	352.994	−45.338	0.165	0.149	44	6.9	0.7	0.1	9.0	1.4	2.44	0.12	PL	T	···	···	···	···	···	···
J2127.8+3614	321.970	36.238	83.392	−10.560	0.085	0.075	47	8.7	1.1	0.2	13.9	2.6	1.74	0.12	PL	···	···	···	···	bzb	B2 2125+35	···
J2128.7+5824	322.177	58.406	98.911	5.334	0.199	0.139	54	8.4	0.6	0.3	17.3	2.2	2.52	···	LP	···	4	···	···	···	···	···
J2129.8−0428	322.467	−4.482	48.934	−36.963	0.143	0.120	16	7.7	0.8	0.1	9.2	1.6	2.12	0.11	PL	···	···	1FGL J2129.8−0427	···	psr	PSR J2129−04	···
J2131.0−5417	322.772	−54.291	341.980	−44.712	0.224	0.167	51	9.0	0.6	0.1	11.7	1.4	2.74	0.12	PL	T	···	···	···	···	···	···
J2131.6−0914	322.922	−9.242	43.925	−39.688	0.091	0.081	−10	7.5	0.8	0.1	8.5	1.5	2.09	0.16	PL	···	···	1FGL J2131.7−0914	···	bzb	RBS 1752	···
J2132.5+2605	323.139	26.085	76.691	−18.439	0.140	0.119	−53	5.8	0.7	0.1	7.7	1.5	2.21	0.14	PL	···	···	···	···	···	···	···
J2133.5−6431	323.376	−64.533	328.735	−41.323	0.123	0.116	−18	6.2	0.7	0.1	8.6	1.5	2.30	0.12	PL	···	···	1FGL J2134.3−6429	···	···	···	···
J2133.8−0154	323.466	−1.906	52.319	−36.449	0.118	0.108	−10	9.4	1.0	0.2	11.7	1.5	2.32	0.10	PL	···	···	1FGL J2134.0−0203	···	bzb	PKS 2131−021	···
J2133.9+6645	323.491	66.750	105.165	10.963	0.129	0.080	−45	6.7	1.0	0.2	11.2	2.1	1.94	0.13	PL	···	···	···	···	···	···	···

Table 4—Continued

Name 2FGL	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.	Ref.
J2134.5−6513	323.643	−65.228	327.839	−41.118	0.111	0.105	−3	4.5	0.4	0.1	4.8	1.4	1.96	0.23	PL	···	···	···	···	agu	PKS 2130−654	···
J2134.6−2130	323.653	−21.500	28.952	−45.082	0.111	0.092	−47	7.2	0.8	0.1	8.5	1.6	2.00	0.14	PL	···	···	1FGL J2134.5−2130	···	···	···	···
J2135.6−4959	323.919	−49.992	347.675	−46.476	0.191	0.128	37	11.3	0.9	0.1	14.2	1.4	2.58	0.10	PL	···	···	1FGL J2135.8−4957	···	bzq	PMN J2135−5006	···
J2139.1−2054	324.786	−20.916	30.204	−45.912	0.134	0.106	2	4.1	0.3	0.1	5.3	2.4	1.39	0.28	PL	···	···	···	···	bzb	RBS 1769	···
J2139.3−4236	324.841	−42.608	358.291	−48.317	0.035	0.034	−29	39.1	5.6	0.3	62.0	3.2	2.10	0.03	PL	T	···	1FGL J2139.3−4235 0FGL J2139.4−4238	···	bzb	MH 2136−428	···
J2139.8+4714	324.954	47.242	92.599	−4.028	0.071	0.066	−41	15.5	3.2	0.3	22.2	2.1	2.31	···	LP	···	···	1FGL J2139.9+4715	···	···	···	···
J2141.7−3739	325.439	−37.659	5.738	−49.052	0.103	0.100	40	5.8	0.6	0.1	7.3	1.3	2.39	0.15	PL	···	···	···	···	···	···	···
J2143.2−3929	325.822	−39.497	2.914	−49.295	0.115	0.095	−42	6.6	0.7	0.1	8.0	1.8	1.85	0.16	PL	···	···	1FGL J2143.1−3927	···	bzb	PMN J2143−3929	···
J2143.5+1743	325.879	17.720	72.094	−26.079	0.047	0.043	−86	44.0	4.5	0.3	72.7	2.3	2.58	0.03	PL	T	···	1FGL J2143.4+1742 0FGL J2143.2+1741	···	bzq	OX 169	···
J2144.8−3356	326.214	−33.940	11.467	−49.595	0.061	0.059	30	19.4	2.1	0.2	24.4	1.9	2.25	0.06	PL	T	···	1FGL J2145.4−3358	···	bzq	PMN J2145−3357	···
J2146.5−1530	326.627	−15.510	38.346	−45.656	0.330	0.265	31	4.9	0.4	0.1	7.3	1.4	2.61	0.16	PL	···	···	···	···	bzq	PKS 2143−156	···
J2146.6−1345	326.659	−13.751	40.650	−44.970	0.054	0.050	14	12.5	1.2	0.2	16.9	3.1	1.64	0.11	PL	T	···	1FGL J2146.6−1345	···	bzb	NVSS J214637−134359	···
J2147.3+0930	326.835	9.515	65.846	−32.283	0.052	0.051	9	35.9	3.5	0.2	52.4	2.1	2.51	0.04	PL	T	···	1FGL J2147.2+0929 0FGL J2147.1+0931	···	bzq	PKS 2144+092	···
J2147.4−7534	326.869	−75.579	315.816	−36.556	0.048	0.044	−85	35.1	3.6	0.2	54.0	2.1	2.52	0.04	PL	T	···	···	···	bzq	PKS 2142−75	···
J2148.2+0659	327.064	6.994	63.719	−34.082	0.374	0.324	−70	5.7	0.4	0.1	8.5	1.5	2.77	0.16	PL	···	···	1FGL J2148.5+0654	···	bzq	4C +06.69	···
J2149.6+0326	327.413	3.443	60.590	−36.576	0.134	0.111	−48	7.4	0.8	0.1	9.2	1.6	2.10	0.12	PL	···	···	1FGL J2149.7+0327	···	bzb	PKS B2147+031	···
J2150.2−1412	327.553	−14.216	40.563	−45.952	0.150	0.141	−6	4.4	0.5	0.1	5.1	1.4	2.03	0.19	PL	T	11	1FGL J2150.3−1410	···	bzb	TXS 2147−144	···
J2150.8−2738	327.703	−27.645	21.404	−50.132	0.193	0.169	−35	5.2	0.5	0.1	6.2	1.3	2.38	0.16	PL	T	1	···	···	bzq	PMN J2151−2742	···
J2151.5−3021	327.892	−30.360	17.228	−50.696	0.180	0.163	79	12.4	0.6	0.1	20.5	1.8	3.00	0.09	PL	T	···	···	···	bzq	PKS 2149−306	···
J2152.4+1735	328.102	17.590	73.648	−27.686	0.109	0.106	−80	5.3	0.6	0.1	6.4	1.5	2.18	0.18	PL	···	···	1FGL J2152.5+1734	···	bzb	S3 2150+17	···
J2154.0−1138	328.503	−11.634	44.476	−45.662	0.170	0.137	3	10.5	0.8	0.1	13.5	1.4	2.57	0.10	PL	T	···	···	···	bzq	PMN J2153−1136	···
J2157.4+3129	329.365	31.499	84.780	−18.195	0.079	0.074	−80	23.4	2.5	0.2	35.0	1.9	2.45	0.05	PL	T	···	1FGL J2157.4+3129 0FGL J2157.5+3125	···	bzq	B2 2155+31	···
J2157.9−1501	329.483	−15.023	40.610	−47.986	0.113	0.096	66	10.2	1.1	0.2	12.8	1.7	2.19	0.10	PL	T	···	1FGL J2157.9−1503	···	bzq	PKS 2155−152	···
J2158.8−3013	329.715	−30.219	17.741	−52.243	0.014	0.014	44	104.0	23.5	0.6	282.8	8.9	1.84	0.02	PL	T	···	1FGL J2158.8−3013 0FGL J2158.8−3014 3EG J2158−3023 EGR J2200−3015	P	bzb	PKS 2155−304	···
J2159.9+1023	329.983	10.398	69.104	−34.000	0.214	0.160	56	4.3	0.5	0.1	5.1	1.4	2.07	0.19	PL	···	···	···	···	bzb	TXS 2157+102	···
J2200.1−6931	330.043	−69.525	321.282	−40.961	0.128	0.120	27	7.6	0.5	0.1	8.9	1.3	2.62	0.14	PL	T	···	···	···	···	···	···
J2201.2+5926	330.314	59.440	102.787	3.398	0.305	0.165	−58	4.6	1.1	0.2	14.2	2.9	2.40	0.12	PL	···	4,8,9	···	···	···	···	···
J2201.9−8335	330.483	−83.599	308.002	−31.765	0.067	0.060	64	24.7	2.9	0.2	34.8	2.1	2.46	···	LP	T	···	1FGL J2201.6−8327	···	bzq	PKS 2155−83	···

Table 4—Continued

Name 2FGL	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.	Ref.
J2202.8+4216	330.707	42.268	92.600	−10.461	0.025	0.024	−61	59.3	10.5	0.4	106.6	3.3	2.26	···	LP	T	···	1FGL J2202.8+4216 0FGL J2202.4+4217 3EG J2202+4217 EGR J2204+4225	P	bzb	BL Lacertae	···
J2203.4+1726	330.869	17.436	75.683	−29.634	0.034	0.032	−60	46.5	6.5	0.3	64.2	2.9	2.23	···	LP	T	···	1FGL J2203.5+1726 0FGL J2203.2+1731	···	bzq	PKS 2201+171	···
J2204.6+0442	331.164	4.705	64.813	−38.676	0.132	0.113	−10	6.7	0.6	0.1	7.5	1.3	2.23	0.12	PL	···	···	1FGL J2204.6+0442	···	bzb	4C +04.77	···
J2206.6+6500	331.653	65.000	106.625	7.486	0.235	0.178	29	12.0	1.0	0.5	21.7	2.2	2.53	···	LP	···	···	···	···	···	···	···
J2206.6−0029	331.664	−0.483	59.933	−42.339	0.154	0.123	−15	5.4	0.6	0.1	6.9	1.5	2.16	0.14	PL	···	···	1FGL J2207.1−0021	···	bzb	PMN J2206−0031	···
J2208.1−5345	332.030	−53.750	339.896	−49.989	0.101	0.093	55	13.8	1.2	0.2	15.5	1.4	2.42	0.09	PL	T	···	1FGL J2207.8−5344 0FGL J2207.0−5347	···	bzq	PKS 2204−54	···
J2210.1+5913	332.547	59.233	103.586	2.559	0.117	0.104	37	5.8	1.5	0.3	18.8	3.3	2.36	0.10	PL	···	1,4	···	···	···	···	···
J2211.9+2355	332.983	23.919	82.205	−26.071	0.076	0.070	71	9.2	1.0	0.2	10.9	1.8	1.99	0.11	PL	···	···	1FGL J2212.1+2358 3EG J2209+2401	···	bzq	PKS 2209+236	···
J2212.6+0702	333.158	7.048	68.742	−38.581	0.134	0.102	−22	9.1	1.0	0.2	11.7	1.6	2.22	0.10	PL	···	···	1FGL J2212.9+0654	···	···	···	···
J2213.1−2527	333.276	−25.458	26.461	−54.619	0.156	0.129	−40	9.1	0.7	0.1	10.4	1.3	2.45	0.11	PL	···	···	1FGL J2213.1−2529	···	bzq	PKS 2210−25	···
J2213.7−4754	333.437	−47.915	348.012	−53.053	0.121	0.098	32	4.9	0.4	0.1	4.9	1.2	2.28	0.26	PL	···	···	···	···	···	···	···
J2214.7+3000	333.691	30.013	86.879	−21.679	0.039	0.039	27	34.7	5.8	0.3	33.2	1.8	2.01	···	EC	···	···	1FGL J2214.8+3002 0FGL J2214.8+3002	···	PSR	PSR J2214+3000	···
J2215.7+5135	333.939	51.586	99.892	−4.183	0.065	0.063	9	11.0	1.9	0.2	10.9	1.6	2.04	···	LP	···	···	1FGL J2216.1+5139	···	psr	PSR J2215+51	···
J2217.1+2422	334.297	24.374	83.565	−26.469	0.084	0.081	33	8.9	0.9	0.1	10.7	1.5	2.24	0.10	PL	···	···	1FGL J2217.1+2423	···	bzb	B2 2214+24B	···
J2219.1+1805	334.796	18.085	79.430	−31.638	0.155	0.102	9	5.2	0.5	0.1	5.3	1.3	2.09	0.20	PL	···	···	1FGL J2219.3+1804	···	bzq	MG1 J221916+1806	···
J2219.6+5850	334.913	58.835	104.370	1.545	0.181	0.102	−89	6.6	1.7	0.3	21.5	3.3	2.33	0.09	PL	···	4,5	···	···	···	···	···
J2221.0+6307	335.265	63.132	106.864	5.052	0.163	0.128	−26	11.3	1.1	0.2	23.3	2.2	2.47	···	LP	···	2,12	···	···	···	···	···
J2221.6−5223	335.421	−52.384	340.408	−52.421	0.091	0.086	−21	7.9	0.7	0.1	7.5	1.3	2.06	0.14	PL	···	···	1FGL J2222.5−5218	···	bzb	PMN J2221−5224	···
J2222.0−3503	335.502	−35.059	9.571	−57.245	0.234	0.205	23	4.1	0.4	0.1	4.6	1.1	2.24	0.18	PL	T	···	···	···	bzq	PKS 2220−351	···
J2223.4+0104	335.860	1.070	65.256	−44.599	0.085	0.072	−72	6.2	0.4	0.1	6.5	2.0	1.63	0.18	PL	···	···	1FGL J2223.3+0103	···	agu	NVSS J222329+010226	···
J2225.6−0454	336.424	−4.901	59.000	−48.795	0.082	0.081	56	21.7	2.2	0.2	30.5	1.9	2.44	0.05	PL	···	···	1FGL J2225.8−0457	···	bzq	3C 446	···
J2227.8+0051	336.964	0.864	66.073	−45.563	0.192	0.173	55	4.2	0.5	0.1	5.5	1.4	2.09	0.16	PL	···	···	···	···	···	···	···
J2228.6−1633	337.168	−16.551	43.216	−55.363	0.114	0.088	−57	6.2	0.6	0.1	6.3	1.3	2.07	0.16	PL	···	···	1FGL J2228.5−1633	···	···	···	···
J2229.0+6114	337.267	61.246	106.651	2.959	0.017	0.016	70	90.5	31.4	0.7	251.7	4.4	2.17	···	EC	···	···	1FGL J2229.0+6114 0FGL J2229.0+6114 3EG J2227+6122 EGR J2227+6114 1AGL J2231+6109	E	PSR	PSR J2229+6114	···

Table 4—Continued

Name 2FGL	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.	Ref
J2229.7−0832	337.441	−8.546	55.247	−51.721	0.046	0.041	−35	48.8	4.3	0.3	68.1	2.2	2.57	···	LP	T	···	1FGL J2229.7−0832 0FGL J2229.8−0829	···	bzq	PKS 2227−08	···
J2231.0+6512	337.768	65.203	108.896	6.230	0.148	0.098	−11	8.3	1.5	0.2	20.3	2.6	2.42	0.08	PL	···	···	···	···	···	···	···
J2232.4+1143	338.121	11.724	77.404	−38.568	0.060	0.057	−87	32.3	2.9	0.2	42.1	2.0	2.54	···	LP	T	···	1FGL J2232.5+1144 0FGL J2232.4+1141 3EG J2232+1147	···	bzq	CTA 102	···
J2234.7+0945	338.692	9.752	76.287	−40.429	0.112	0.111	−7	9.7	1.1	0.2	13.0	1.7	2.23	0.10	PL	T	3	1FGL J2234.8+0944	···	psr	PSR J2234+09	···
J2234.9−4831	338.732	−48.518	344.657	−56.058	0.193	0.142	6	8.3	0.6	0.1	9.2	1.2	2.55	0.13	PL	···	···	1FGL J2235.7−4817 EGR J2233−4812	···	bzq	PKS 2232−488	···
J2236.1−3628	339.047	−36.483	6.282	−59.959	0.205	0.132	−70	6.8	0.6	0.1	7.2	1.3	2.23	0.14	PL	T	···	···	···	agu	NVSS J223554−362901	···
J2236.4+2828	339.102	28.476	90.120	−25.659	0.037	0.037	18	38.7	5.1	0.3	48.3	2.5	2.22	···	LP	T	···	1FGL J2236.2+2828	···	bzb	B2 2234+28A	···
J2236.5−1431	339.133	−14.533	47.909	−56.196	0.047	0.043	−55	31.5	3.9	0.3	45.1	2.4	2.24	0.04	PL	T	···	1FGL J2236.4−1432	···	BZB	PKS 2233−148	29
J2237.2+6316	339.307	63.270	108.498	4.223	0.135	0.112	56	6.3	1.4	0.2	17.8	2.9	2.39	0.10	PL	···	1,4	···	···	···	···	···
J2237.2−3920	339.314	−39.342	0.620	−59.625	0.113	0.103	−38	5.7	0.5	0.1	5.3	1.2	2.07	0.17	PL	···	···	1FGL J2237.2−3919	···	bzq	PKS 2234−396	···
J2238.4+5902	339.608	59.049	106.552	0.474	0.044	0.040	57	24.4	8.7	0.5	62.6	3.3	2.23	···	EC	···	···	1FGL J2238.4+5903	···	PSR	LAT PSR J2238+5903	···
J2239.8+5825	339.966	58.427	106.413	−0.160	0.147	0.128	29	4.2	1.3	0.3	8.4	2.1	2.20	···	EC	···	5	···	···	PSR	PSR J2240+5832	···
J2241.7−5236	340.448	−52.616	337.436	−54.935	0.037	0.035	42	36.0	5.5	0.3	34.1	1.9	2.00	···	EC	···	···	1FGL J2241.9−5236 0FGL J2241.7−5239	···	PSR	PSR J2241−5236	···
J2243.2−2540	340.814	−25.683	28.461	−61.339	0.087	0.079	80	16.9	1.6	0.2	19.7	1.6	2.30	0.07	PL	···	···	1FGL J2243.1−2541	···	bzb	PKS 2240−260	···
J2243.9+2021	340.998	20.356	86.590	−33.372	0.038	0.034	69	29.4	3.9	0.3	50.6	4.3	1.75	0.05	PL	T	···	1FGL J2244.0+2021	···	bzb	RGB J2243+203	···
J2244.1+4059	341.029	40.988	98.497	−15.765	0.066	0.058	88	19.2	2.6	0.2	31.1	2.2	2.28	0.05	PL	T	···	1FGL J2243.4+4104	···	bzb	TXS 2241+406	···
J2246.3+1549	341.585	15.825	83.972	−37.408	0.111	0.097	58	8.2	1.0	0.2	18.4	3.0	2.63	0.13	PL	T	···	1FGL J2246.3+1549 3EG J2243+1509	···	···	···	···
J2246.8−5203	341.712	−52.057	337.480	−55.888	0.144	0.132	66	4.9	0.4	0.1	6.0	1.9	1.69	0.21	PL	···	···	···	···	agu	1RXS J224642.0−520638	···
J2247.2−0002	341.811	−0.049	70.020	−49.718	0.107	0.088	53	7.5	0.8	0.1	9.1	1.6	2.13	0.12	PL	···	···	1FGL J2247.3+0000	···	bzb	PKS 2244−002	···
J2247.8+4412	341.969	44.211	100.717	−13.266	0.100	0.080	46	5.4	0.5	0.1	6.3	1.7	1.81	0.19	PL	···	8	···	···	agu	NVSS J224753+441317	···
J2249.1+5758	342.293	57.978	107.286	−1.130	0.129	0.104	−8	5.3	1.1	0.2	12.3	2.5	1.99	0.14	PL	···	···	···	···	···	···	···
J2250.0+3825	342.512	38.419	98.251	−18.566	0.052	0.049	1	10.3	1.1	0.2	13.2	2.2	1.84	0.11	PL	···	···	1FGL J2250.1+3825	P	bzb	B3 2247+381	···
J2250.2−4205	342.568	−42.093	353.809	−61.154	0.125	0.095	−73	6.7	0.6	0.1	7.5	2.0	1.73	0.15	PL	···	···	···	···	agu	PMN J2250−4206	···
J2250.7+6305c	342.688	63.095	109.764	3.351	0.115	0.085	−3	5.7	1.3	0.2	16.8	3.0	2.39	0.11	PL	···	3,4,6	···	···	···	···	···
J2250.8−2808	342.711	−28.141	23.691	−63.340	0.048	0.043	−45	27.6	3.4	0.2	38.3	2.3	2.20	0.05	PL	T	···	1FGL J2250.8−2809	···	agn	PMN J2250−2806	···
J2251.1−4927	342.782	−49.464	340.731	−57.896	0.169	0.115	49	5.9	0.5	0.1	6.0	1.5	1.86	0.15	PL	···	8	1FGL J2251.2−4928	···	···	···	···
J2251.8+4211	342.957	42.185	100.403	−15.395	0.189	0.168	−73	4.6	0.5	0.1	8.0	1.7	2.51	0.14	PL	···	···	···	···	···	···	···
J2251.9+4032	342.985	40.536	99.631	−16.867	0.115	0.094	35	8.2	1.0	0.2	11.4	1.7	2.13	0.11	PL	···	···	1FGL J2251.7+4030	···	bzb	CRATES J2251+4030	···
J2253.9+1609	343.497	16.153	86.122	−38.184	0.010	0.010	−65	339.4	96.5	1.0	1201.7	7.8	2.38	···	LP	T	···	1FGL J2253.9+1608	···	BZQ	3C 454.3	···

Table 4—Continued

Name 2FGL	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.	Ref.
																		0FGL J2254.0+1609 3EG J2254+1601 EGR J2253+1606 1AGL J2254+1602				
J2254.1+1401	343.531	14.031	84.620	−39.957	0.169	0.132	48	5.5	0.8	0.2	8.7	1.9	2.22	0.15	PL	T	10	···	···	bzb	BZB J2253+1404	···
J2255.2+2408	343.813	24.146	91.602	−31.564	0.114	0.092	83	9.9	1.1	0.2	12.1	1.8	2.00	0.10	PL	T	···	···	···	bzb	BZB J2255+2410	···
J2256.4−2009	344.112	−20.154	41.580	−62.826	0.116	0.092	−80	8.4	0.8	0.1	8.6	1.5	2.01	0.12	PL	···	···	1FGL J2256.3−2009	···	bzb	PKS 2254−204	···
J2256.9−1023	344.242	−10.391	59.269	−58.288	0.104	0.100	−85	9.0	0.9	0.1	10.1	1.4	2.19	0.10	PL	···	10	1FGL J2256.9−1024	···	psr	PSR J2256−10	···
J2257.5+6222c	344.387	62.383	110.154	2.371	0.142	0.117	15	7.4	2.3	0.4	14.4	2.6	2.24	···	LP	···	6	···	···	···	···	···
J2257.9−3646	344.481	−36.767	3.899	−64.186	0.136	0.105	23	5.3	0.4	0.1	4.9	1.4	1.89	0.19	PL	···	···	1FGL J2257.9−3643	···	···	···	···
J2258.0−2759	344.506	−27.995	24.331	−64.906	0.058	0.058	−33	29.2	2.9	0.2	35.6	1.9	2.44	···	LP	T	···	1FGL J2258.0−2757 EGR J2258−2745	···	bzq	PKS 2255−282	···
J2258.8−5524	344.717	−55.411	330.893	−55.175	0.170	0.150	−24	4.3	0.4	0.1	4.4	1.4	1.81	0.24	PL	···	···	1FGL J2258.9−5525	···	bzb	PMN J2258−5526	···
J2259.0−8254	344.761	−82.906	306.924	−33.329	0.117	0.105	21	5.5	0.7	0.1	8.1	1.6	2.32	0.15	PL	···	···	1FGL J2259.9−8255	···	···	···	···
J2300.0−3553	345.010	−35.895	5.649	−64.798	0.211	0.182	−89	4.6	0.4	0.1	5.3	1.2	2.36	0.18	PL	···	···	···	···	···	···	···
J2300.6+3139	345.155	31.654	96.913	−25.559	0.079	0.068	33	9.1	0.8	0.1	9.6	1.7	1.91	0.12	PL	···	···	1FGL J2300.4+3138	···	bzb	NVSS J230022+313703	···
J2302.7+4443	345.698	44.720	103.403	−13.992	0.035	0.033	24	35.9	7.2	0.4	39.9	2.1	1.94	···	EC	···	···	1FGL J2302.8+4443 0FGL J2302.9+4443	···	PSR	PSR J2302+4442	···
J2304.7+3703	346.177	37.066	100.350	−21.081	0.092	0.082	86	5.5	0.5	0.1	6.5	1.9	1.66	0.20	PL	···	···	1FGL J2304.3+3709 EGR J2308+3645	···	bzb	1RXS J230437.1+370506	···
J2308.0+1457	347.016	14.952	89.006	−41.011	0.120	0.099	28	9.6	1.2	0.2	14.7	1.9	2.28	0.11	PL	···	···	1FGL J2307.3+1452	···	···	···	···
J2309.8−3627	347.473	−36.459	3.124	−66.585	0.164	0.116	35	6.5	0.6	0.1	8.0	2.2	1.65	0.16	PL	···	···	1FGL J2310.0−3627	···	···	···	···
J2310.9+0204	347.743	2.077	79.296	−52.072	0.079	0.077	−46	6.1	0.5	0.1	6.0	1.3	2.07	0.17	PL	T	···	1FGL J2310.9+0204	···	bzb	NVSS J231101+020504	···
J2311.0+3425	347.771	34.430	100.420	−24.017	0.042	0.040	77	36.1	4.3	0.3	45.7	2.2	2.32	···	LP	T	···	1FGL J2311.0+3425	···	bzq	B2 2308+34	···
J2314.0+1446	348.514	14.769	90.552	−41.899	0.069	0.066	−24	8.6	0.8	0.2	10.0	2.0	1.81	0.14	PL	···	···	1FGL J2314.1+1444	···	bzb	RGB J2313+147	···
J2315.7−5014	348.949	−50.242	334.762	−60.561	0.162	0.124	52	7.3	0.7	0.1	7.7	1.3	2.24	0.14	PL	···	···	1FGL J2315.9−5014	···	bzb	PKS 2312−505	···
J2317.3−4534	349.331	−45.569	342.115	−63.748	0.113	0.099	89	10.0	1.0	0.1	10.6	1.6	2.07	0.12	PL	···	···	···	···	···	···	···
J2319.1−4208	349.780	−42.139	348.392	−65.931	0.139	0.123	47	4.4	0.3	0.1	4.8	2.1	1.59	0.42	PL	···	8	···	···	bzb	PKS 2316−423	···
J2319.3−3830	349.833	−38.513	356.511	−67.644	0.190	0.145	−79	4.5	0.4	0.1	4.8	1.2	2.20	0.26	PL	···	···	···	···	···	···	···
J2321.0+2737	350.259	27.621	99.499	−31.104	0.200	0.172	9	6.5	0.7	0.1	8.6	1.4	2.31	0.13	PL	···	···	1FGL J2321.6+2726	···	bzq	4C +27.50	···
J2322.2+3206	350.551	32.104	101.764	−27.073	0.101	0.097	−86	12.4	1.4	0.2	16.6	1.7	2.27	0.08	PL	T	···	1FGL J2322.0+3208	···	bzq	B2 2319+31	···
J2322.6+3435	350.672	34.588	102.903	−24.808	0.075	0.063	−78	5.3	0.4	0.1	5.6	1.6	1.74	0.24	PL	···	···	1FGL J2322.6+3435	···	bzb	TXS 2320+343	···
J2323.0−4918	350.764	−49.313	334.479	−62.050	0.122	0.109	−1	4.2	0.3	0.1	4.2	1.4	1.80	0.24	PL	···	···	1FGL J2323.0−4919	···	agu	1RXS J232256.7−491658	···
J2323.4+5849	350.856	58.830	111.743	−2.117	0.030	0.029	−21	22.8	5.8	0.4	43.3	3.8	1.81	···	LP	···	···	1FGL J2323.4+5849	P	snr	SNR G111.7−02.1	···
J2323.6−0316	350.908	−3.282	77.784	−58.235	0.072	0.069	−6	21.4	2.1	0.2	27.8	1.8	2.39	0.05	PL	T	···	1FGL J2323.5−0315	···	bzq	PKS 2320−035	···

Table 4—Continued

Name 2FGL	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.	Ref.
																		3EG J2321−0328				
J2323.8+4212	350.954	42.200	106.060	−17.783	0.046	0.040	70	20.3	2.5	0.2	29.7	2.9	1.88	0.06	PL	T	···	1FGL J2323.5+4211	···	bzb	1ES 2321+419	···
J2324.6+0801	351.168	8.017	88.985	−49.051	0.101	0.085	15	6.6	0.7	0.1	7.3	1.5	2.12	0.17	PL	···	···	···	···	agu	PMN J2324+0801	···
J2324.7−4042	351.188	−40.702	350.145	−67.575	0.068	0.056	31	12.9	1.6	0.2	19.4	2.8	1.81	0.10	PL	···	···	···	···	bzb	1ES 2322−409	···
J2325.3+3957	351.331	39.959	105.517	−19.983	0.043	0.043	57	19.1	2.3	0.2	26.1	2.4	1.99	0.06	PL	T	···	1FGL J2325.2+3957	···	bzb	B3 2322+396	···
																		0FGL J2325.3+3959				
J2325.3−3557	351.349	−35.957	1.813	−69.715	0.058	0.053	−61	25.9	2.9	0.2	23.4	1.8	2.20	···	LP	T	···	1FGL J2325.5−3559	···	bzq	CTS 0490	···
J2325.4+1650	351.362	16.848	95.089	−41.329	0.137	0.122	79	4.2	0.4	0.1	4.5	1.2	2.12	0.21	PL	···	···	···	···	···	···	···
J2325.4−4758	351.367	−47.981	335.963	−63.262	0.074	0.070	58	8.7	0.9	0.1	10.2	1.6	2.24	0.15	PL	···	···	1FGL J2325.6−4758	···	bzb	PKS 2322−482	···
J2327.5+0940	351.891	9.681	91.153	−47.948	0.075	0.071	52	24.9	2.0	0.2	36.2	2.2	2.64	···	LP	T	···	1FGL J2327.7+0943	···	bzq	PKS 2325+093	···
																		0FGL J2327.3+0947				
J2327.9−4037	351.985	−40.624	349.495	−68.133	0.080	0.077	53	9.8	1.2	0.2	17.6	1.9	2.46	0.08	PL	T	···	···	···	agu	PKS 2325−408	···
J2329.2+3755	352.308	37.926	105.536	−22.153	0.059	0.057	−21	9.4	0.9	0.2	11.4	2.1	1.83	0.13	PL	···	···	1FGL J2329.2+3755	···	bzb	NVSS J232914+375414	···
J2329.2−4956	352.317	−49.939	331.996	−62.297	0.036	0.034	5	46.8	5.7	0.3	65.9	2.6	2.36	···	LP	T	···	1FGL J2329.2−4954	···	bzq	PKS 2326−502	···
J2329.7−4744	352.448	−47.741	335.211	−63.950	0.283	0.186	−13	4.1	0.4	0.1	6.8	1.8	2.58	0.21	PL	···	5	1FGL J2330.3−4745	···	bzq	PKS 2326−477	···
J2330.2+1107	352.552	11.131	93.000	−46.965	0.385	0.281	−22	4.6	0.4	0.1	7.8	1.7	2.75	0.18	PL	···	9	···	···	bzq	4C +10.73	···
J2330.6−3723	352.656	−37.388	356.790	−70.136	0.119	0.108	31	4.8	0.4	0.1	4.4	1.2	2.09	0.22	PL	···	···	···	···	bzb	PKS 2327−376	···
J2330.9−2144	352.750	−21.744	44.956	−70.942	0.069	0.061	−6	24.0	2.2	0.2	28.7	1.7	2.39	0.05	PL	T	···	1FGL J2331.0−2145	···	bzq	PMN J2331−2148	···
J2331.8−1607	352.961	−16.126	59.669	−68.525	0.168	0.146	−42	6.2	0.6	0.1	6.7	1.3	2.13	0.13	PL	T	···	···	···	bzq	PKS 2329−16	···
J2332.5−5535	353.143	−55.587	324.129	−58.176	0.143	0.131	16	7.2	0.6	0.1	7.1	1.3	2.10	0.14	PL	···	···	1FGL J2333.0−5535	···	···	···	···
J2333.3+6237	353.326	62.620	114.086	1.098	0.121	0.108	18	4.8	1.0	0.2	13.8	2.7	2.40	0.12	PL	···	4,10	···	···	†	···	···
J2334.3+0734	353.581	7.580	91.904	−50.587	0.136	0.125	14	9.1	0.9	0.1	11.7	1.5	2.38	0.11	PL	T	···	1FGL J2334.3+0735	···	bzq	TXS 2331+073	···
J2334.8+1431	353.718	14.526	96.560	−44.390	0.068	0.061	22	10.9	1.1	0.2	13.2	2.2	1.82	0.10	PL	T	···	1FGL J2334.7+1429	···	bzb	BZB J2334+1408	···
J2336.3−4111	354.078	−41.186	345.786	−69.130	0.089	0.084	5	13.5	1.3	0.2	15.3	1.6	2.23	0.08	PL	T	···	···	···	bzq	PKS 2333−415	···
J2338.1−0229	354.536	−2.486	84.361	−59.751	0.082	0.076	−10	18.9	1.7	0.2	23.9	1.7	2.44	0.06	PL	T	···	1FGL J2338.3−0231	···	bzq	PKS 2335−027	···
J2339.0+2125	354.769	21.423	101.292	−38.389	0.093	0.085	16	5.9	0.4	0.1	5.9	1.7	1.71	0.26	PL	···	···	1FGL J2339.0+2123	···	bzb	RX J2338.8+2124	···
J2339.6−0532	354.909	−5.542	81.358	−62.467	0.041	0.039	24	32.2	4.8	0.3	30.5	2.3	1.97	···	LP	···	···	1FGL J2339.7−0531	···	···	···	···
																		0FGL J2339.8−0530				
J2341.7+8016	355.426	80.270	119.884	17.814	0.041	0.039	−82	20.5	2.6	0.2	30.9	2.8	1.87	0.05	PL	···	···	1FGL J2341.6+8015	···	bzb	1RXS J234051.4+801513	···
J2343.3−4752	355.836	−47.869	331.049	−65.372	0.151	0.133	51	6.8	0.6	0.1	6.8	1.2	2.25	0.14	PL	···	2	···	···	···	···	···
J2343.6+3437	355.904	34.627	107.421	−26.193	0.125	0.093	−58	4.2	0.3	0.1	4.5	1.8	1.47	0.27	PL	···	···	1FGL J2343.6+3437	···	bzb	1RXS J234332.5+343957	···
J2345.0−1553	356.269	−15.887	65.689	−70.941	0.050	0.045	−83	29.0	4.2	0.3	48.5	2.7	2.19	0.04	PL	T	···	1FGL J2344.6−1554	···	BZQ	PMN J2345−1555	30
																		0FGL J2345.5−1559				
J2347.0+5142	356.759	51.705	112.885	−9.906	0.042	0.037	−15	14.5	1.5	0.2	20.6	2.9	1.72	0.08	PL	···	···	1FGL J2347.1+5142	P	bzb	1ES 2344+514	···
J2347.2+0707	356.806	7.123	96.215	−52.385	0.099	0.084	75	7.2	0.7	0.1	8.4	1.7	1.96	0.16	PL	···	···	1FGL J2347.3+0710	···	···	···	···

REFERENCES

Abdo, A. A., et al. 2009a, ApJ, 706, L1

—. 2009b, ApJ, 699, 976

—. 2009c, ApJ, 697, 934

—. 2009d, ApJ, 707, 727

—. 2010a, Nature, 463, 919

—. 2010b, ApJ, 714, 927

—. 2010c, A&A, 523, A46+

—. 2010d, Science, 328, 725

—. 2010e, ApJ, 721, 1425

—. 2010f, ApJ, 718, 348

—. 2010g, ApJ, 713, 146

—. 2010h, Science, 327, 1103

—. 2010i, ApJ, 712, 459

—. 2010j, A&A, 512, A7+

—. 2010k, ApJ, 710, 810

—. 2011a, ApJ, 727, 129

—. 2011b, ApJ, 726, 43

Cheung, C. C., Donato, D., & Reyes, L. C. 2009, The Astronomer's Telegram, 1943, 1

Cutini, S., & Hays, E. 2009, The Astronomer's Telegram, 2033, 1

D'Ammando, F., Sokolovsky, K. V., Ciprini, S., & Vetere, L. 2010a, The Astronomer's Telegram, 2628, 1

D'Ammando, F., Sokolovsky, K. V., Cutini, S., & Vetere, L. 2010b, The Astronomer's Telegram, 2673, 1

Table 4—Continued

Name 2FGL	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.	Ref.
J2347.9−1629	356.984	−16.487	65.569	−71.852	0.066	0.063	−70	13.2	1.6	0.2	19.8	2.0	2.36	0.08	PL	T	···	1FGL J2348.0−1629	···	bzq	PKS 2345−16	···
J2350.2−3002	357.557	−30.039	17.105	−76.263	0.085	0.080	8	6.4	0.6	0.1	6.5	1.3	2.19	0.17	PL	···	···	1FGL J2350.1−3005	···	···	···	···
J2351.6−7558	357.913	−75.979	307.653	−40.597	0.126	0.102	−64	4.1	0.4	0.1	4.6	1.4	1.92	0.19	PL	···	···	···	···	···	···	···
J2352.0+1753	358.019	17.898	103.554	−42.729	0.102	0.091	53	8.2	0.7	0.1	8.6	1.7	1.92	0.14	PL	···	···	1FGL J2352.1+1752	···	···	···	···
J2353.3+6643c	358.341	66.719	117.228	4.493	0.110	0.083	17	5.4	1.3	0.2	15.1	3.0	2.29	0.11	PL	···	4,6	···	···	···	···	···
J2353.5−3034	358.384	−30.580	14.273	−76.872	0.108	0.097	−45	6.0	0.5	0.1	5.9	1.3	2.11	0.18	PL	···	···	···	···	bzb	PKS 2351−309	···
J2354.2−6615	358.565	−66.263	311.803	−49.869	0.201	0.151	78	4.9	0.4	0.1	5.0	1.1	2.15	0.16	PL	···	···	1FGL J2355.9−6613	···	···	···	···
J2356.0−5256	359.021	−52.939	320.943	−62.211	0.189	0.127	−15	11.7	0.8	0.1	13.1	1.3	2.57	0.10	PL	T	2	1FGL J2356.0−5253	···	···	···	···
J2356.1+4034	359.028	40.581	111.712	−21.082	0.186	0.102	70	6.2	0.6	0.1	8.5	2.2	1.66	0.17	PL	···	···	1FGL J2356.1+4037	···	···	···	···
J2356.3+0432	359.091	4.541	98.069	−55.649	0.364	0.223	45	4.2	0.3	0.1	5.7	1.3	2.76	0.20	PL	···	8,9	1FGL J2357.2+0445	···	···	···	···
J2358.4−1811	359.613	−18.196	66.370	−74.879	0.151	0.138	66	4.1	0.4	0.1	4.3	1.3	1.93	0.20	PL	···	···	1FGL J2358.5−1809	···	···	···	···
J2358.9+6325	359.745	63.422	117.105	1.145	0.337	0.259	−75	4.8	1.0	0.2	13.9	2.8	2.47	0.12	PL	···	4,5,8	···	···	†	···	···
J2359.0−3037	359.759	−30.625	12.876	−78.017	0.126	0.102	45	7.0	0.6	0.1	7.1	1.6	1.89	0.17	PL	···	···	1FGL J2359.0−3035	P	bzb	H 2356−309	···
J2359.4+6751c	359.860	67.863	118.048	5.486	0.186	0.156	60	7.7	1.3	0.3	17.4	2.6	2.43	···	LP	T	1,4,6	···	···	···	···	···
J2359.6+6543c	359.907	65.731	117.637	3.393	0.115	0.088	3	7.7	1.9	0.3	22.2	3.2	2.21	0.08	PL	···	6	···	···	···	···	···

References. — 1 Abdo et al. (2010c), 2 Abdo et al. (2011b), 3 D'Ammando et al. (2010b), 4 D'Ammando et al. (2010d), 5 Abdo et al. (2010j), 6 Abdo et al. (2010i), 7 Donato et al. (2010b), 8 Tanaka et al. (2009), 9 Abdo et al. (2010g), 10 Abdo et al. (2009b), 11 Abdo et al. (2009d), 12 D'Ammando et al. (2010a), 13 Cheung et al. (2009), 14 Reyes et al. (2011), 15 Abdo et al. (2010a), 16 Abdo et al. (2010d), 17 Abdo et al. (2010d), 18 Abdo et al. (2009c), 19 Abdo et al. (2010k), 20 Abdo et al. (2010e), 21 Cutini & Hays (2009), 22 Abdo et al. (2010b), 23 Abdo et al. (2011a), 24 Abdo et al. (2010f), 25 Grondin et al. (2011), 26 D'Ammando et al. (2010c), 27 Abdo et al. (2010h), 28 Abdo et al. (2009a), 29 Sokolovsky et al. (2010), 30 Donato et al. (2010a)

Note. — The definitions of the columns are provided in Table 5.

[a]Within the Large Magellanic Cloud on the sky

D'Ammando, F., Sokolovsky, K. V., & Gelbord, J. 2010c, The Astronomer's Telegram, 2963, 1

D'Ammando, F., Sokolovsky, K. V., Iafrate, G., & Stark, M. 2010d, The Astronomer's Telegram, 2689, 1

Donato, D., Hauser, M., Wagner, S., Hagen, H., & Atom Team. 2010a, The Astronomer's Telegram, 2972, 1

Donato, D., Sokolovsky, K. V., D'Ammando, F., & Schinzel, F. K. 2010b, The Astronomer's Telegram, 2848, 1

Grondin, M.-H., et al. 2011, ApJ, 738, 42

Reyes, L., D'Ammando, F., & Hoversten, E. 2011, The Astronomer's Telegram, 3353, 1

Sokolovsky, K. V., Donato, D., Schinzel, F. K., & Kovalev, Y. Y. 2010, The Astronomer's Telegram, 2589, 1

Tanaka, Y. T., Donato, D., Cutini, S., Gasparrini, D., & Cheung, C. C. 2009, The Astronomer's Telegram, 2253, 1