Table 4. Data for Primary and Satellite Galaxies

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J155146.83-000618.6	···	15 51 46.8	-00 06 18.6	0.05443	-21.27	128.3	0.93	-50.5	E	···	···
···	SDSS J155151.10-000644.9	15 51 51.1	-00 06 44.9	0.05436	-19.22	150.6	0.79	···	E	N	N
SDSS J140445.89-004909.1	···	14 04 45.9	-00 49 09.1	0.08378	-21.69	104.4	0.68	···	E	···	···
···	SDSS J140513.54-005103.2	14 05 13.5	-00 51 03.2	0.08409	-19.63	10.7	0.37	···	L	Y	N
SDSS J140525.25-004840.8	···	14 05 25.3	-00 48 40.8	0.04927	-21.12	95.7	0.54	-37.1	L	···	···
···	SDSS J140524.17-004734.4	14 05 24.2	-00 47 34.5	0.04923	-19.00	8.2	0.71	···	E	Y	Y
SDSS J141628.95-004437.9	···	14 16 29.0	-00 44 38.0	0.04887	-20.74	173.4	0.51	13.1	I	···	···
···	SDSS J141634.04-003855.9	14 16 34.0	-00 38 55.9	0.04864	-18.60	40.8	0.53	···	L	Y	Y
SDSS J144821.43-004827.1	···	14 48 21.4	-00 48 27.2	0.05627	-20.67	72.4	0.52	-16.1	L	···	···
···	SDSS J144810.68-004859.3	14 48 10.7	-00 48 59.4	0.05613	-18.42	40.6	0.86	···	L	Y	Y
SDSS J150930.19-004616.2	···	15 09 30.2	-00 46 16.2	0.03782	-20.23	25.1	0.54	16.1	L	···	···
···	SDSS J150857.88-004216.7	15 08 57.9	-00 42 16.8	0.03781	-18.14	165.0	0.88	···	L	Y	Y
SDSS J140302.42-002007.9	···	14 03 02.4	-00 20 08.0	0.05946	-21.14	129.8	0.63	-99.8	E	···	···
···	SDSS J140310.85-002308.5	14 03 10.9	-00 23 08.5	0.05923	-19.02	29.3	0.41	···	L	Y	Y
SDSS J150952.05-002304.9	···	15 09 52.1	-00 23 05.0	0.07116	-22.32	35.5	0.54	10.9	I	···	···
···	SDSS J150933.51-002018.8	15 09 33.5	-00 20 18.8	0.07092	-19.36	149.0	0.68	···	E	Y	Y
···	SDSS J150935.69-002339.3	15 09 35.7	-00 23 39.3	0.07111	-19.48	70.1	0.86	···	E	Y	Y
SDSS J151916.61-002056.2	···	15 19 16.6	-00 20 56.2	0.05063	-20.39	29.7	0.47	-86.2	I	···	···
···	SDSS J151950.98-001636.6	15 19 51.0	-00 16 36.6	0.05050	-18.31	125.8	0.20	···	L	N	N
SDSS J120831.30+000811.3	···	12 08 31.3	+00 08 11.4	0.03486	-20.44	109.8	0.56	-41.4	L	···	···
···	SDSS J120828.49+000947.7	12 08 28.5	+00 09 47.7	0.03544	-18.04	46.6	0.69	···	L	Y	Y
SDSS J131129.96+000857.7	···	13 11 30.0	+00 08 57.7	0.06373	-21.26	149.7	0.85	27.2	E	···	···
···	SDSS J131119.04+000214.6	13 11 19.0	+00 02 14.7	0.06397	-19.13	139.0	0.33	···	L	N	Y
SDSS J124338.67+003249.6	···	12 43 38.7	+00 32 49.6	0.06388	-21.39	43.6	0.75	37.7	E	···	···
···	SDSS J124333.57+002934.6	12 43 33.6	+00 29 34.6	0.06425	-18.73	62.1	0.41	···	L	Y	Y
SDSS J134159.01+003605.2	···	13 41 59.0	+00 36 05.3	0.04774	-21.13	66.1	0.42	-102.7	I	···	···
···	SDSS J134142.17+003809.4	13 41 42.2	+00 38 09.4	0.04895	-18.71	145.4	0.83	···	L	Y	Y
···	SDSS J134157.31+003913.4	13 41 57.3	+00 39 13.4	0.04890	-18.18	56.0	0.73	···	L	Y	Y
SDSS J152221.93+003143.6	···	15 22 21.9	+00 31 43.7	0.05259	-20.99	121.4	0.91	-56.5	E	···	···
···	SDSS J152214.24+003853.1	15 22 14.2	+00 38 53.2	0.05317	-18.57	165.2	0.47	···	L	N	Y
SDSS J005157.28+143348.3	···	00 51 57.3	+14 33 48.4	0.07775	-21.69	174.8	0.78	-108.5	E	···	···
···	SDSS J005226.85+143239.8	00 52 26.9	+14 32 39.8	0.07751	-19.37	47.6	0.87	···	L	Y	Y
SDSS J013307.54+144539.0	···	01 33 07.5	+14 45 39.1	0.05608	-20.98	153.0	0.67	-105.5	E	···	···
···	SDSS J013224.02+144337.1	01 32 24.0	+14 43 37.1	0.05687	-18.65	101.8	0.23	···	L	N	N
SDSS J020939.47+135859.4	···	02 09 39.5	+13 58 59.5	0.04912	-21.38	21.3	0.97	24.7	L	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J020904.18+140445.8	02 09 04.2	+14 04 45.9	0.04685	-18.79	137.0	0.70	···	L	N	N
SDSS J013255.10+145810.1	···	01 32 55.1	+14 58 10.2	0.07142	-21.38	178.2	0.72	-117.7	E	···	···
···	SDSS J013238.27+145616.0	01 32 38.3	+14 56 16.0	0.07285	-19.13	67.8	0.74	···	I	Y	N
SDSS J125156.03-020439.2	···	12 51 56.0	-02 04 39.2	0.02293	-19.70	23.0	0.94	-120.1	L	···	···
···	SDSS J125159.53-020227.5	12 51 59.5	-02 02 27.5	0.02294	-16.57	146.1	0.42	···	L	N	N
SDSS J125510.39-020940.1	···	12 55 10.4	-02 09 40.1	0.05144	-21.10	133.2	0.74	-7.8	E	···	···
···	SDSS J125527.66-021224.7	12 55 27.7	-02 12 24.8	0.05174	-18.34	69.2	0.48	···	L	Y	Y
SDSS J125822.26-030605.5	···	12 58 22.3	-03 06 05.6	0.07186	-21.80	143.1	0.80	-61.1	E	···	···
···	SDSS J125820.22-030747.0	12 58 20.2	-03 07 47.1	0.07246	-19.29	179.7	0.54	···	I	N	N
SDSS J124309.89-012628.4	···	12 43 09.9	-01 26 28.4	0.04725	-21.62	137.2	0.93	-12.6	E	···	···
···	SDSS J124234.24-013400.9	12 42 34.2	-01 34 01.0	0.04816	-19.01	125.9	0.23	···	L	N	Y
SDSS J075424.88+392217.5	···	07 54 24.9	+39 22 17.5	0.01986	-20.18	92.1	0.99	-265.3	E	···	···
···	SDSS J075528.51+392512.6	07 55 28.5	+39 25 12.7	0.01987	-17.42	48.3	0.53	···	L	N	Y
SDSS J082901.77+474802.0	···	08 29 01.8	+47 48 02.0	0.04525	-21.29	95.8	0.85	12.8	E	···	···
···	SDSS J082847.09+475050.3	08 28 47.1	+47 50 50.3	0.04530	-18.43	118.3	0.70	···	I	N	Y
SDSS J083611.67+502508.4	···	08 36 11.7	+50 25 08.4	0.01084	-18.59	58.6	0.25	-58.7	L	···	···
···	SDSS J083420.17+502708.9	08 34 20.2	+50 27 09.0	0.01145	-16.15	56.5	0.97	···	L	Y	Y
SDSS J085224.10+525956.2	···	08 52 24.1	+52 59 56.2	0.04144	-20.76	1.3	0.93	11.2	L	···	···
···	SDSS J085201.07+530936.5	08 52 01.1	+53 09 36.6	0.03908	-18.27	8.7	0.87	···	L	N	N
SDSS J083549.21+513500.1	···	08 35 49.2	+51 35 00.1	0.04246	-20.35	24.8	0.40	1.0	L	···	···
···	SDSS J083600.89+512843.7	08 36 00.9	+51 28 43.7	0.04460	-18.25	155.0	0.42	···	L	Y	Y
SDSS J083928.37+521503.7	···	08 39 28.4	+52 15 03.8	0.04431	-21.16	153.7	0.85	-18.2	E	···	···
···	SDSS J083945.06+521014.1	08 39 45.1	+52 10 14.2	0.04401	-18.06	55.7	0.33	···	L	N	Y
SDSS J084317.20+524528.6	···	08 43 17.2	+52 45 28.6	0.05877	-21.91	148.8	0.95	-82.6	E	···	···
···	SDSS J084326.23+524548.3	08 43 26.2	+52 45 48.3	0.05810	-18.87	54.9	0.76	···	I	N	Y
···	SDSS J084400.45+523837.5	08 44 00.5	+52 38 37.6	0.05902	-19.46	79.7	0.50	···	I	N	Y
SDSS J093937.97+594728.5	···	09 39 38.0	+59 47 28.5	0.04771	-21.27	97.6	0.67	-127.3	I	···	···
···	SDSS J093810.95+594446.3	09 38 11.0	+59 44 46.4	0.04814	-18.89	150.8	0.81	···	I	Y	Y
SDSS J170313.88+633230.5	···	17 03 13.9	+63 32 30.5	0.09618	-21.92	63.4	0.84	-119.0	E	···	···
···	SDSS J170351.52+633543.0	17 03 51.5	+63 35 43.1	0.09652	-19.90	153.2	0.59	···	L	N	Y
SDSS J085420.48+552250.5	···	08 54 20.5	+55 22 50.5	0.08447	-21.62	125.4	0.80	-97.0	E	···	···
···	SDSS J085442.59+552501.8	08 54 42.6	+55 25 01.8	0.08467	-19.45	25.3	0.62	···	L	Y	Y
SDSS J091223.04+574001.4	···	09 12 23.0	+57 40 01.4	0.04637	-20.47	14.0	0.66	-113.1	E	···	···
···	SDSS J091157.17+574317.5	09 11 57.2	+57 43 17.5	0.04716	-18.24	35.9	0.87	···	L	Y	Y
SDSS J095056.24+621108.5	···	09 50 56.2	+62 11 08.5	0.02458	-20.23	132.8	0.35	-107.5	L	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J095242.09+621651.2	09 52 42.1	+62 16 51.2	0.02445	-16.77	172.4	0.52	···	L	Y	N
SDSS J104015.55+652931.0	···	10 40 15.6	+65 29 31.1	0.03392	-20.62	175.8	0.41	-105.6	I	···	···
···	SDSS J103938.12+652043.9	10 39 38.1	+65 20 43.9	0.03200	-17.31	150.3	0.92	···	L	Y	N
···	SDSS J104122.34+652341.7	10 41 22.3	+65 23 41.7	0.03405	-18.43	119.1	0.79	···	E	Y	N
SDSS J120914.73+673825.3	···	12 09 14.7	+67 38 25.3	0.05994	-21.10	118.3	0.61	-16.0	E	···	···
···	SDSS J120927.46+673710.9	12 09 27.5	+67 37 10.9	0.05846	-18.91	29.3	0.40	···	I	Y	N
SDSS J073022.97+372230.6	···	07 30 23.0	+37 22 30.7	0.06131	-21.18	90.9	0.80	-42.9	L	···	···
···	SDSS J072957.34+372635.5	07 29 57.3	+37 26 35.5	0.06099	-19.04	51.8	0.76	···	L	N	Y
SDSS J172309.64+635428.4	···	17 23 09.6	+63 54 28.5	0.02734	-20.00	103.5	0.57	32.2	L	···	···
···	SDSS J172233.69+634547.2	17 22 33.7	+63 45 47.2	0.02725	-16.94	38.2	0.65	···	L	Y	N
···	SDSS J172614.80+634819.2	17 26 14.8	+63 48 19.2	0.02644	-16.90	132.5	0.29	···	L	N	N
SDSS J081550.47+474839.5	···	08 15 50.5	+47 48 39.6	0.04029	-20.37	117.1	0.85	-78.5	E	···	···
···	SDSS J081606.44+474857.9	08 16 06.4	+47 48 57.9	0.04009	-18.09	65.8	0.63	···	L	N	Y
SDSS J075637.76+451209.7	···	07 56 37.8	+45 12 09.8	0.06292	-20.95	31.4	0.58	-58.9	L	···	···
···	SDSS J075704.32+450658.8	07 57 04.3	+45 06 58.8	0.06349	-18.89	67.2	0.71	···	L	N	N
SDSS J074442.44+422127.5	···	07 44 42.4	+42 21 27.6	0.03898	-20.35	23.3	0.81	-7.6	L	···	···
···	SDSS J074412.48+421713.7	07 44 12.5	+42 17 13.8	0.03919	-18.27	155.5	0.74	···	L	N	Y
SDSS J153451.02+562703.8	···	15 34 51.0	+56 27 03.9	0.03948	-21.25	145.7	0.86	-21.2	E	···	···
···	SDSS J153607.86+562155.1	15 36 07.9	+56 21 55.2	0.03927	-18.51	39.5	0.30	···	L	N	Y
SDSS J102928.89+641737.0	···	10 29 28.9	+64 17 37.1	0.02278	-20.18	111.1	0.37	-52.7	I	···	···
···	SDSS J102711.84+635808.0	10 27 11.8	+63 58 08.1	0.02233	-17.43	86.7	0.86	···	L	N	N
···	SDSS J102908.31+644017.6	10 29 08.3	+64 40 17.6	0.02284	-16.83	94.2	0.56	···	L	N	N
SDSS J124546.38+671550.9	···	12 45 46.4	+67 15 51.0	0.07527	-21.39	14.3	0.73	9.5	I	···	···
···	SDSS J124522.34+671039.3	12 45 22.3	+67 10 39.3	0.07479	-19.36	169.3	0.63	···	L	Y	Y
SDSS J140025.31+651305.8	···	14 00 25.3	+65 13 05.8	0.06770	-21.50	45.1	0.64	-23.2	L	···	···
···	SDSS J140119.84+651040.2	14 01 19.8	+65 10 40.3	0.06555	-19.02	153.0	0.77	···	L	Y	Y
SDSS J102523.65+645955.3	···	10 25 23.7	+64 59 55.3	0.02976	-19.85	30.2	0.63	···	L	···	···
···	SDSS J102333.34+645713.4	10 23 33.3	+64 57 13.5	0.03078	-17.38	106.1	0.64	···	L	Y	N
SDSS J123954.66+680433.9	···	12 39 54.7	+68 04 34.0	0.09928	-22.05	71.5	0.91	-122.3	E	···	···
···	SDSS J124021.45+680623.1	12 40 21.5	+68 06 23.1	0.09888	-19.67	29.7	0.48	···	I	N	N
SDSS J154818.28+573549.3	···	15 48 18.3	+57 35 49.4	0.07424	-21.59	51.0	0.52	-97.5	I	···	···
···	SDSS J154832.36+573756.3	15 48 32.4	+57 37 56.3	0.07422	-19.34	150.4	0.76	···	L	Y	Y
SDSS J165422.26+412007.6	···	16 54 22.3	+41 20 07.6	0.02829	-20.89	31.7	0.84	-107.0	L	···	···
···	SDSS J165344.44+411355.8	16 53 44.4	+41 13 55.9	0.02813	-16.84	84.7	0.48	···	L	N	Y
···	SDSS J165457.89+410317.1	16 54 57.9	+41 03 17.2	0.02877	-18.00	139.1	0.65	···	L	N	N

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J162530.48+495024.9	···	16 25 30.5	+49 50 24.9	0.01990	-20.70	165.7	0.76	-133.9	L	···	···
···	SDSS J162429.55+501132.5	16 24 29.6	+50 11 32.6	0.02017	-17.88	26.7	0.43	···	L	N	N
SDSS J164551.89+443813.8	···	16 45 51.9	+44 38 13.9	0.03436	-20.54	2.5	0.93	26.0	E	···	···
···	SDSS J164715.13+443552.4	16 47 15.1	+44 35 52.4	0.03461	-17.70	169.8	0.82	···	L	N	N
SDSS J132322.98+012132.6	···	13 23 23.0	+01 21 32.7	0.08043	-21.48	126.2	0.66	-75.7	L	···	···
···	SDSS J132302.25+011640.0	13 23 02.3	+01 16 40.0	0.08254	-19.34	121.3	0.42	···	I	N	N
SDSS J143846.28+010657.7	···	14 38 46.3	+01 06 57.7	0.08265	-21.98	47.5	0.73	5.3	I	···	···
···	SDSS J143858.24+011120.8	14 38 58.2	+01 11 20.8	0.08253	-19.78	33.0	0.67	···	L	Y	Y
SDSS J120138.29+015930.7	···	12 01 38.3	+01 59 30.8	0.04752	-20.97	11.3	0.75	-130.3	E	···	···
···	SDSS J120134.10+020025.9	12 01 34.1	+02 00 25.9	0.04846	-18.46	0.4	0.96	···	L	Y	Y
SDSS J133230.76+015051.7	···	13 32 30.8	+01 50 51.7	0.01090	-19.26	63.7	0.85	6.3	L	···	···
···	SDSS J133140.62+014800.2	13 31 40.6	+01 48 00.2	0.01110	-15.77	44.0	0.87	···	L	N	Y
SDSS J124035.02+022805.3	···	12 40 35.0	+02 28 05.3	0.04578	-21.20	101.5	0.56	25.8	E	···	···
···	SDSS J124025.14+022601.7	12 40 25.1	+02 26 01.8	0.04607	-18.64	46.7	0.58	···	L	Y	Y
···	SDSS J124020.61+022610.8	12 40 20.6	+02 26 10.9	0.04572	-18.57	37.3	0.70	···	L	Y	Y
SDSS J144306.59+022406.9	···	14 43 06.6	+02 24 07.0	0.13892	-22.82	38.0	0.55	-90.6	I	···	···
···	SDSS J144305.41+022248.7	14 43 05.4	+02 22 48.8	0.13750	-20.65	5.3	0.92	···	E	Y	Y
SDSS J125055.79+031149.3	···	12 50 55.8	+03 11 49.4	0.04832	-21.44	133.6	0.85	-114.8	E	···	···
···	SDSS J125119.36+030812.7	12 51 19.4	+03 08 12.8	0.04919	-18.19	67.3	0.39	···	L	N	Y
···	SDSS J125059.80+030643.6	12 50 59.8	+03 06 43.6	0.04844	-18.92	125.2	0.78	···	L	N	Y
SDSS J123719.39+034146.4	···	12 37 19.4	+03 41 46.4	0.08534	-22.10	159.4	0.81	-48.4	E	···	···
···	SDSS J123701.60+033936.9	12 37 01.6	+03 39 37.0	0.08556	-19.35	28.5	0.82	···	L	N	Y
···	SDSS J123738.90+033922.1	12 37 38.9	+03 39 22.1	0.08500	-19.76	36.9	0.68	···	L	N	Y
SDSS J124200.54+033825.4	···	12 42 00.5	+03 38 25.5	0.08623	-22.35	132.4	0.71	6.4	E	···	···
···	SDSS J124155.09+034109.4	12 41 55.1	+03 41 09.5	0.08713	-19.56	152.7	0.79	···	L	Y	Y
···	SDSS J124157.47+034057.0	12 41 57.5	+03 40 57.1	0.08478	-19.32	117.8	0.68	···	E	Y	Y
SDSS J103047.60+012901.9	···	10 30 47.6	+01 29 01.9	0.05112	-20.54	118.3	0.71	4.5	L	···	···
···	SDSS J103042.97+012405.8	10 30 43.0	+01 24 05.8	0.05083	-18.45	94.0	0.84	···	L	Y	Y
SDSS J125952.16+013825.2	···	12 59 52.2	+01 38 25.3	0.04765	-20.99	133.3	0.88	-67.6	I	···	···
···	SDSS J125954.19+013631.2	12 59 54.2	+01 36 31.3	0.04725	-18.41	135.3	0.41	···	I	N	Y
···	SDSS J130004.68+014030.1	13 00 04.7	+01 40 30.2	0.04758	-18.04	140.8	0.61	···	L	N	Y
SDSS J130933.13+014023.0	···	13 09 33.1	+01 40 23.0	0.01880	-21.42	121.6	0.65	13.5	L	···	···
···	SDSS J130934.38+013725.2	13 09 34.4	+01 37 25.2	0.01981	-17.89	177.4	0.73	···	L	Y	Y
···	SDSS J131019.37+020133.3	13 10 19.4	+02 01 33.4	0.01840	-18.54	179.9	0.67	···	L	N	N
SDSS J105115.13+022616.1	···	10 51 15.1	+02 26 16.1	0.05138	-21.91	178.8	0.70	38.7	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J105056.03+022559.7	10 50 56.0	+02 25 59.7	0.05095	-18.47	133.6	0.54	···	L	Y	Y
···	SDSS J105115.50+022727.8	10 51 15.5	+02 27 27.8	0.05104	-18.53	57.5	0.48	···	L	Y	Y
···	SDSS J105055.78+023343.8	10 50 55.8	+02 33 43.9	0.05065	-18.67	64.0	0.58	···	L	Y	Y
SDSS J112828.08+025501.9	···	11 28 28.1	+02 55 02.0	0.07417	-21.31	27.9	0.78	-22.5	E	···	···
···	SDSS J112801.64+025347.0	11 28 01.6	+02 53 47.0	0.07414	-18.99	130.7	0.55	···	L	Y	Y
SDSS J114019.40+030002.8	···	11 40 19.4	+03 00 02.9	0.02680	-20.40	130.3	0.90	30.3	I	···	···
···	SDSS J114029.85+025820.8	11 40 29.9	+02 58 20.9	0.02699	-17.96	61.6	0.79	···	E	N	N
···	SDSS J114052.82+030837.2	11 40 52.8	+03 08 37.3	0.02661	-17.78	88.2	0.73	···	L	N	N
SDSS J141810.62+024449.3	···	14 18 10.6	+02 44 49.4	0.07763	-21.37	118.9	0.89	6.9	E	···	···
···	SDSS J141826.86+024435.0	14 18 26.9	+02 44 35.1	0.07780	-19.25	35.6	0.63	···	L	N	Y
SDSS J112855.56+032432.6	···	11 28 55.6	+03 24 32.7	0.05129	-21.41	82.1	0.75	···	L	···	···
···	SDSS J112850.79+032417.7	11 28 50.8	+03 24 17.8	0.05098	-19.17	135.0	0.53	···	L	Y	N
···	SDSS J112925.42+033208.1	11 29 25.4	+03 32 08.2	0.05130	-18.34	49.3	0.56	···	L	N	N
SDSS J140812.01+034146.6	···	14 08 12.0	+03 41 46.6	0.08213	-21.52	111.0	0.77	-56.3	I	···	···
···	SDSS J140824.36+034146.9	14 08 24.4	+03 41 47.0	0.08192	-19.39	73.2	0.90	···	L	Y	Y
SDSS J142722.48+033435.3	···	14 27 22.5	+03 34 35.4	0.03427	-21.20	111.0	0.76	-79.0	I	···	···
···	SDSS J142745.78+033421.9	14 27 45.8	+03 34 21.9	0.03446	-19.03	64.4	0.84	···	E	Y	Y
SDSS J151445.11+032320.3	···	15 14 45.1	+03 23 20.4	0.09523	-22.08	29.3	0.79	-130.9	E	···	···
···	SDSS J151453.86+032823.0	15 14 53.9	+03 28 23.0	0.09574	-20.08	42.0	0.75	···	I	Y	Y
SDSS J151646.81+040203.6	···	15 16 46.8	+04 02 03.6	0.05567	-20.83	61.1	0.71	-70.3	L	···	···
···	SDSS J151649.55+035122.1	15 16 49.6	+03 51 22.1	0.05318	-18.41	49.7	0.89	···	L	N	N
SDSS J231025.99-100800.5	···	23 10 26.0	-10 08 00.6	0.06644	-21.08	17.3	0.46	11.7	I	···	···
···	SDSS J231012.06-101634.2	23 10 12.1	-10 16 34.3	0.06569	-19.01	164.5	0.76	···	L	N	N
SDSS J212657.85-070117.5	···	21 26 57.9	-07 01 17.5	0.02468	-20.61	40.6	0.94	25.9	L	···	···
···	SDSS J212552.59-070426.6	21 25 52.6	-07 04 26.7	0.02672	-17.87	117.0	0.85	···	L	N	N
···	SDSS J212729.42-064508.2	21 27 29.4	-06 45 08.3	0.02498	-17.41	176.3	0.22	···	L	N	N
SDSS J231843.60-085454.5	···	23 18 43.6	-08 54 54.5	0.08341	-21.74	4.4	0.92	-93.7	E	···	···
···	SDSS J231835.32-085905.8	23 18 35.3	-08 59 05.9	0.08225	-19.21	48.4	0.73	···	L	N	N
SDSS J025246.10-083615.7	···	02 52 46.1	-08 36 15.8	0.05679	-21.25	99.5	0.72	-70.1	E	···	···
···	SDSS J025209.13-084027.0	02 52 09.1	-08 40 27.1	0.05740	-18.89	32.0	0.63	···	L	Y	N
SDSS J231957.43-095430.9	···	23 19 57.4	-09 54 30.9	0.08370	-21.90	135.7	0.84	-74.4	L	···	···
···	SDSS J231944.19-095508.3	23 19 44.2	-09 55 08.4	0.08304	-19.31	42.5	0.34	···	L	N	Y
SDSS J004830.45-101743.2	···	00 48 30.5	-10 17 43.3	0.05392	-20.78	89.6	0.72	-10.2	E	···	···
···	SDSS J004857.49-102328.7	00 48 57.5	-10 23 28.8	0.05557	-18.65	158.4	0.59	···	L	N	N
SDSS J013956.19-091432.6	···	01 39 56.2	-09 14 32.6	0.04212	-22.34	11.8	0.81	-92.9	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J013951.16-092014.0	01 39 51.2	-09 20 14.0	0.04215	-19.83	167.1	0.50	···	I	N	N
···	SDSS J013953.52-090929.7	01 39 53.5	-09 09 29.7	0.04203	-17.72	176.7	0.60	···	L	N	N
···	SDSS J013953.08-090620.2	01 39 53.1	-09 06 20.2	0.04213	-18.22	130.2	0.86	···	L	N	N
···	SDSS J013957.19-090848.2	01 39 57.2	-09 08 48.2	0.04168	-18.13	100.8	0.86	···	I	N	N
SDSS J035838.90-054836.7	···	03 58 38.9	-05 48 36.8	0.03743	-20.30	158.1	0.56	28.9	L	···	···
···	SDSS J035845.59-055312.0	03 58 45.6	-05 53 12.0	0.03736	-18.21	42.3	0.60	···	L	Y	N
SDSS J012315.84-090141.2	···	01 23 15.8	-09 01 41.2	0.04961	-21.17	163.1	0.62	-131.6	L	···	···
···	SDSS J012324.26-085307.6	01 23 24.3	-08 53 07.6	0.04986	-19.04	27.8	0.87	···	L	N	N
SDSS J230211.72+142829.0	···	23 02 11.7	+14 28 29.0	0.03216	-19.88	67.7	0.26	-84.9	I	···	···
···	SDSS J230210.65+144221.3	23 02 10.7	+14 42 21.3	0.03213	-17.37	150.5	0.34	···	L	N	N
SDSS J011336.74-103445.7	···	01 13 36.7	-10 34 45.7	0.05220	-21.59	124.4	0.47	-73.5	L	···	···
···	SDSS J011343.20-103509.3	01 13 43.2	-10 35 09.3	0.05161	-18.15	61.6	0.39	···	L	Y	N
SDSS J005547.29-101815.8	···	00 55 47.3	-10 18 15.8	0.07703	-21.34	54.9	0.83	-127.8	L	···	···
···	SDSS J005543.79-101927.6	00 55 43.8	-10 19 27.7	0.07618	-19.29	158.0	0.68	···	L	N	Y
SDSS J005642.66-095449.9	···	00 56 42.7	-09 54 49.9	0.01890	-21.03	93.9	0.70	-74.7	L	···	···
···	SDSS J005800.06-100535.6	00 58 00.1	-10 05 35.7	0.01947	-17.93	129.2	0.33	···	L	N	N
···	SDSS J005700.20-095228.5	00 57 00.2	-09 52 28.5	0.01886	-16.61	42.4	0.83	···	I	Y	N
···	SDSS J005711.35-095623.2	00 57 11.4	-09 56 23.2	0.02073	-16.84	49.7	0.92	···	L	Y	N
SDSS J015145.24-091425.0	···	01 51 45.2	-09 14 25.1	0.07953	-21.63	81.9	0.76	-44.3	E	···	···
···	SDSS J015139.34-091544.6	01 51 39.3	-09 15 44.7	0.08029	-19.35	179.4	0.77	···	I	Y	Y
SDSS J234808.51-104627.0	···	23 48 08.5	-10 46 27.1	0.07505	-21.30	80.6	0.64	-34.0	E	···	···
···	SDSS J234745.30-104919.5	23 47 45.3	-10 49 19.6	0.07488	-19.12	94.2	0.92	···	L	Y	N
SDSS J090551.51+010749.9	···	09 05 51.5	+01 07 49.9	0.05223	-21.20	120.1	0.69	-61.0	E	···	···
···	SDSS J090543.60+010754.8	09 05 43.6	+01 07 54.8	0.05069	-18.63	148.8	0.27	···	L	Y	Y
···	SDSS J090608.93+010749.3	09 06 08.9	+01 07 49.4	0.05238	-18.68	59.1	0.50	···	L	Y	Y
SDSS J085309.55+021447.0	···	08 53 09.6	+02 14 47.1	0.03530	-20.08	16.6	0.58	31.1	E	···	···
···	SDSS J085316.66+021434.8	08 53 16.7	+02 14 34.8	0.03474	-17.74	144.3	0.28	···	L	Y	Y
SDSS J112127.27+013152.0	···	11 21 27.3	+01 31 52.1	0.04793	-20.89	76.7	0.58	11.4	E	···	···
···	SDSS J112124.46+013824.3	11 21 24.5	+01 38 24.3	0.04816	-18.52	157.1	0.57	···	I	Y	Y
SDSS J112601.00+015902.8	···	11 26 01.0	+01 59 02.9	0.02277	-20.46	40.1	0.64	-123.0	L	···	···
···	SDSS J112609.51+015345.6	11 26 09.5	+01 53 45.6	0.02318	-18.16	174.2	0.63	···	L	Y	N
···	SDSS J112658.08+021958.8	11 26 58.1	+02 19 58.9	0.02115	-16.62	80.9	0.47	···	L	N	N
SDSS J115143.29+015928.6	···	11 51 43.3	+01 59 28.6	0.07670	-21.64	71.4	0.89	-31.4	L	···	···
···	SDSS J115147.87+020034.4	11 51 47.9	+02 00 34.4	0.07752	-19.32	158.6	0.44	···	L	N	Y
SDSS J104710.75+025949.2	···	10 47 10.8	+02 59 49.3	0.05497	-21.03	0.2	0.59	41.1	I	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J104717.31+030051.4	10 47 17.3	+03 00 51.5	0.05439	-18.69	42.0	0.80	···	L	Y	Y
SDSS J114634.65+031542.2	···	11 46 34.7	+03 15 42.2	0.08121	-21.46	1.1	0.81	40.7	L	···	···
···	SDSS J114639.67+031948.2	11 46 39.7	+03 19 48.3	0.08175	-19.34	101.9	0.56	···	L	N	Y
SDSS J105206.14+032220.2	···	10 52 06.1	+03 22 20.2	0.03554	-20.88	150.0	0.84	-8.7	E	···	···
···	SDSS J105201.84+032714.4	10 52 01.8	+03 27 14.5	0.03556	-18.51	164.0	0.60	···	I	N	Y
SDSS J083123.64+445527.1	···	08 31 23.6	+44 55 27.1	0.07952	-22.03	92.6	0.73	···	E	···	···
···	SDSS J083140.06+445627.0	08 31 40.1	+44 56 27.0	0.07903	-19.23	124.6	0.64	···	I	Y	N
SDSS J083101.79+452900.2	···	08 31 01.8	+45 29 00.2	0.05165	-20.71	41.9	0.32	-69.8	L	···	···
···	SDSS J083100.97+453449.7	08 31 01.0	+45 34 49.8	0.05405	-18.56	179.0	0.34	···	L	Y	Y
SDSS J074001.42+321140.5	···	07 40 01.4	+32 11 40.6	0.02771	-19.71	31.3	0.45	-96.3	I	···	···
···	SDSS J073850.54+320201.0	07 38 50.5	+32 02 01.1	0.02687	-16.75	101.6	0.64	···	L	N	N
SDSS J080505.37+401028.4	···	08 05 05.4	+40 10 28.4	0.05013	-21.63	140.9	0.94	···	E	···	···
···	SDSS J080520.34+400452.7	08 05 20.3	+40 04 52.7	0.04979	-18.16	32.5	0.64	···	L	N	N
SDSS J113547.98+632932.9	···	11 35 48.0	+63 29 33.0	0.03294	-20.50	7.3	0.58	6.3	E	···	···
···	SDSS J113603.73+633148.5	11 36 03.7	+63 31 48.5	0.03320	-17.84	89.8	0.75	···	L	Y	Y
SDSS J123056.06+654956.8	···	12 30 56.1	+65 49 56.9	0.06393	-21.52	61.7	0.89	-61.9	E	···	···
···	SDSS J123108.32+655034.8	12 31 08.3	+65 50 34.9	0.06340	-19.40	74.4	0.30	···	L	N	Y
SDSS J093934.52+030930.3	···	09 39 34.5	+03 09 30.3	0.04624	-21.00	99.7	0.38	-49.5	L	···	···
···	SDSS J093959.67+025944.4	09 39 59.7	+02 59 44.5	0.04624	-18.47	135.6	0.81	···	L	N	N
SDSS J102224.41+035950.4	···	10 22 24.4	+03 59 50.5	0.02277	-20.49	60.3	0.39	-98.7	L	···	···
···	SDSS J102220.60+035741.7	10 22 20.6	+03 57 41.8	0.02318	-17.77	149.2	0.31	···	L	Y	Y
SDSS J090736.64+032334.4	···	09 07 36.6	+03 23 34.5	0.01262	-20.57	103.0	0.56	-99.6	L	···	···
···	SDSS J090824.27+032203.2	09 08 24.3	+03 22 03.3	0.01271	-17.37	77.3	0.60	···	I	Y	N
···	SDSS J090851.01+032654.0	09 08 51.0	+03 26 54.0	0.01282	-18.28	20.2	0.84	···	L	Y	N
SDSS J101953.20+042349.2	···	10 19 53.2	+04 23 49.2	0.06273	-21.25	58.4	0.89	-120.8	E	···	···
···	SDSS J101950.13+042441.9	10 19 50.1	+04 24 42.0	0.06165	-18.85	24.5	0.87	···	L	N	Y
SDSS J101620.49+044919.2	···	10 16 20.5	+04 49 19.2	0.04584	-21.81	168.8	0.56	-22.0	L	···	···
···	SDSS J101547.64+044458.3	10 15 47.6	+04 44 58.3	0.04605	-18.16	65.8	0.32	···	L	N	N
SDSS J105731.15+054155.4	···	10 57 31.2	+05 41 55.4	0.05320	-21.46	61.7	0.62	35.4	E	···	···
···	SDSS J105722.40+054200.3	10 57 22.4	+05 42 00.4	0.05314	-18.88	94.1	0.96	···	L	Y	Y
SDSS J075957.15+354851.4	···	07 59 57.2	+35 48 51.5	0.01755	-19.80	155.3	0.96	6.1	E	···	···
···	SDSS J080042.67+352733.6	08 00 42.7	+35 27 33.6	0.01761	-16.26	117.7	0.70	···	L	N	N
···	SDSS J080046.83+353145.8	08 00 46.8	+35 31 45.9	0.01751	-17.65	138.4	0.58	···	L	N	N
SDSS J081046.94+390240.0	···	08 10 46.9	+39 02 40.1	0.07326	-21.27	33.5	0.81	-87.4	E	···	···
···	SDSS J081043.93+385830.8	08 10 43.9	+38 58 30.9	0.07206	-19.13	11.8	0.26	···	L	N	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J143740.60+593446.8	···	14 37 40.6	+59 34 46.9	0.06030	-21.22	125.9	0.79	-71.5	E	···	···
···	SDSS J143647.25+593215.8	14 36 47.3	+59 32 15.9	0.06072	-19.16	35.8	0.29	···	L	Y	Y
SDSS J144907.24+584340.3	···	14 49 07.2	+58 43 40.3	0.02903	-19.35	30.9	0.76	-103.9	E	···	···
···	SDSS J144721.66+584031.7	14 47 21.7	+58 40 31.8	0.02883	-17.05	94.2	0.87	···	L	Y	Y
SDSS J145117.84+585840.6	···	14 51 17.8	+58 58 40.6	0.00722	-18.73	143.8	0.17	-109.9	I	···	···
···	SDSS J145809.75+585218.5	14 58 09.8	+58 52 18.6	0.00783	-16.65	42.2	0.77	···	L	Y	N
SDSS J150750.67+573620.4	···	15 07 50.7	+57 36 20.4	0.07766	-21.95	28.8	0.78	-114.7	I	···	···
···	SDSS J150733.12+573744.4	15 07 33.1	+57 37 44.4	0.07767	-19.72	41.1	0.54	···	I	Y	Y
SDSS J151821.39+580643.4	···	15 18 21.4	+58 06 43.4	0.02963	-20.06	118.2	0.44	-103.9	I	···	···
···	SDSS J151908.27+581313.1	15 19 08.3	+58 13 13.2	0.02944	-17.18	52.6	0.75	···	L	Y	Y
SDSS J083623.04+432824.6	···	08 36 23.0	+43 28 24.7	0.06653	-21.74	142.4	0.92	···	E	···	···
···	SDSS J083608.24+432530.9	08 36 08.2	+43 25 30.9	0.06582	-18.78	138.9	0.63	···	L	N	N
···	SDSS J083627.62+432853.2	08 36 27.6	+43 28 53.3	0.06712	-19.13	44.5	0.77	···	I	N	N
SDSS J081200.74+390045.1	···	08 12 00.7	+39 00 45.1	0.04118	-20.70	132.6	0.63	-89.7	L	···	···
···	SDSS J081214.41+390255.3	08 12 14.4	+39 02 55.4	0.04090	-18.32	128.1	0.85	···	L	Y	Y
SDSS J082852.16+423118.8	···	08 28 52.2	+42 31 18.9	0.05576	-20.94	104.9	0.75	-134.5	E	···	···
···	SDSS J082900.58+423111.2	08 29 00.6	+42 31 11.3	0.05637	-18.63	122.7	0.40	···	L	Y	Y
SDSS J074403.33+330438.6	···	07 44 03.3	+33 04 38.6	0.05544	-21.19	154.9	0.73	-47.0	L	···	···
···	SDSS J074448.52+330219.1	07 44 48.5	+33 02 19.2	0.05439	-18.83	17.9	0.46	···	L	N	N
SDSS J095926.19-001514.1	···	09 59 26.2	-00 15 14.2	0.04750	-21.87	79.8	0.86	-32.5	I	···	···
···	SDSS J095931.54-001523.4	09 59 31.5	-00 15 23.5	0.04647	-19.78	5.3	0.82	···	E	N	Y
···	SDSS J095936.47-001918.2	09 59 36.5	-00 19 18.3	0.04686	-18.19	2.1	0.60	···	L	N	Y
SDSS J101445.89-002021.6	···	10 14 45.9	-00 20 21.7	0.03350	-20.49	145.2	0.78	-72.0	E	···	···
···	SDSS J101431.40-001534.0	10 14 31.4	-00 15 34.1	0.03356	-18.30	37.6	0.81	···	I	Y	Y
SDSS J120523.24+643029.6	···	12 05 23.2	+64 30 29.6	0.08215	-22.09	162.8	0.82	···	L	···	···
···	SDSS J120452.79+643617.4	12 04 52.8	+64 36 17.5	0.08241	-19.57	45.9	0.51	···	L	N	N
SDSS J112940.92+651300.5	···	11 29 40.9	+65 13 00.6	0.03861	-20.50	57.1	0.74	-66.6	E	···	···
···	SDSS J113048.23+650645.6	11 30 48.2	+65 06 45.6	0.03840	-18.13	129.2	0.29	···	L	Y	Y
SDSS J130558.63+035723.1	···	13 05 58.6	+03 57 23.2	0.02341	-20.14	105.8	0.16	-92.3	L	···	···
···	SDSS J130628.07+034112.4	13 06 28.1	+03 41 12.4	0.02450	-17.13	172.0	0.85	···	L	N	N
SDSS J125112.89+045132.5	···	12 51 12.9	+04 51 32.6	0.02510	-20.99	144.5	0.92	-93.9	L	···	···
···	SDSS J125209.27+043345.8	12 52 09.3	+04 33 45.8	0.02498	-17.23	76.5	0.80	···	I	N	N
SDSS J125821.15+045308.3	···	12 58 21.2	+04 53 08.4	0.03631	-20.65	22.1	0.66	-60.0	L	···	···
···	SDSS J125811.48+045429.0	12 58 11.5	+04 54 29.1	0.03576	-17.92	41.8	0.27	···	L	Y	Y
SDSS J132838.17+043939.6	···	13 28 38.2	+04 39 39.6	0.08286	-21.61	138.7	0.77	-72.5	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J132852.04+043444.1	13 28 52.0	+04 34 44.1	0.08324	-19.37	73.1	0.77	···	L	Y	Y
SDSS J134423.18+054732.6	···	13 44 23.2	+05 47 32.6	0.02284	-20.95	153.0	0.64	35.0	E	···	···
···	SDSS J134416.69+054416.2	13 44 16.7	+05 44 16.3	0.02248	-17.02	88.4	0.67	···	I	Y	Y
SDSS J144246.50+614244.9	···	14 42 46.5	+61 42 44.9	0.04817	-21.56	123.4	0.69	22.6	E	···	···
···	SDSS J144310.24+614606.7	14 43 10.2	+61 46 06.8	0.04774	-18.32	66.7	0.43	···	L	Y	Y
SDSS J153617.11+575526.7	···	15 36 17.1	+57 55 26.7	0.06726	-21.43	171.2	0.84	-24.8	E	···	···
···	SDSS J153646.71+575320.4	15 36 46.7	+57 53 20.4	0.06699	-19.17	177.5	0.32	···	I	N	N
SDSS J150443.06+614309.6	···	15 04 43.1	+61 43 09.7	0.02870	-19.60	100.1	0.66	22.0	E	···	···
···	SDSS J150508.06+614212.3	15 05 08.1	+61 42 12.4	0.02944	-16.99	66.6	0.58	···	L	Y	N
SDSS J165141.69+414006.1	···	16 51 41.7	+41 40 06.2	0.04278	-20.45	85.7	0.87	-49.2	L	···	···
···	SDSS J165156.80+413411.8	16 51 56.8	+41 34 11.8	0.04304	-18.18	51.0	0.42	···	L	N	Y
SDSS J101705.12+544913.8	···	10 17 05.1	+54 49 13.8	0.03835	-21.28	157.4	0.61	···	I	···	···
···	SDSS J101832.13+544841.5	10 18 32.1	+54 48 41.6	0.03765	-17.51	94.1	0.79	···	L	Y	N
SDSS J113433.94+581754.9	···	11 34 33.9	+58 17 55.0	0.10671	-22.17	50.7	0.91	-34.5	E	···	···
···	SDSS J113425.95+581837.2	11 34 26.0	+58 18 37.3	0.10678	-20.05	6.8	0.57	···	I	N	Y
SDSS J082210.21+400639.1	···	08 22 10.2	+40 06 39.1	0.05568	-21.29	43.8	0.47	2.3	I	···	···
···	SDSS J082303.19+400521.8	08 23 03.2	+40 05 21.8	0.05600	-18.56	138.3	0.20	···	L	Y	Y
SDSS J131213.79+583214.9	···	13 12 13.8	+58 32 15.0	0.06029	-21.24	150.3	0.95	-15.6	E	···	···
···	SDSS J131221.12+582911.5	13 12 21.1	+58 29 11.6	0.05989	-19.16	89.1	0.96	···	L	N	Y
SDSS J132405.11+581711.6	···	13 24 05.1	+58 17 11.7	0.04258	-20.27	121.4	0.67	-2.9	I	···	···
···	SDSS J132350.80+581616.5	13 23 50.8	+58 16 16.6	0.04260	-18.09	88.7	0.31	···	L	Y	Y
SDSS J092217.81+504616.1	···	09 22 17.8	+50 46 16.2	0.06843	-21.41	120.2	0.59	-55.4	I	···	···
···	SDSS J092212.02+504645.7	09 22 12.0	+50 46 45.8	0.06676	-19.18	89.3	0.76	···	I	Y	Y
SDSS J132616.76+584059.8	···	13 26 16.8	+58 40 59.9	0.02319	-19.31	54.4	0.89	-39.7	E	···	···
···	SDSS J132633.65+584050.4	13 26 33.7	+58 40 50.4	0.02333	-17.28	106.7	0.68	···	L	N	Y
SDSS J081536.87+405014.7	···	08 15 36.9	+40 50 14.8	0.06652	-21.40	72.0	0.74	-89.6	E	···	···
···	SDSS J081530.59+404847.6	08 15 30.6	+40 48 47.6	0.06552	-19.22	71.9	0.40	···	I	Y	Y
SDSS J085135.64+473327.6	···	08 51 35.6	+47 33 27.6	0.02910	-21.26	177.4	0.94	-49.4	E	···	···
···	SDSS J085119.56+473232.4	08 51 19.6	+47 32 32.4	0.02924	-16.97	12.0	0.41	···	L	N	Y
···	SDSS J085146.99+473108.3	08 51 47.0	+47 31 08.4	0.02879	-18.66	24.1	0.45	···	L	N	Y
SDSS J091458.32+512139.8	···	09 14 58.3	+51 21 39.9	0.02748	-20.74	15.7	0.46	-29.5	L	···	···
···	SDSS J091329.84+511854.6	09 13 29.8	+51 18 54.6	0.02776	-17.09	14.6	0.36	···	L	Y	Y
···	SDSS J091409.00+512504.5	09 14 09.0	+51 25 04.6	0.02824	-16.90	98.9	0.96	···	L	Y	Y
···	SDSS J091448.09+512541.9	09 14 48.1	+51 25 41.9	0.02714	-17.18	81.0	0.41	···	L	Y	Y
···	SDSS J091618.29+512356.9	09 16 18.3	+51 23 57.0	0.02795	-17.08	49.8	0.19	···	L	Y	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J103319.79+580432.8	···	10 33 19.8	+58 04 32.8	0.04541	-20.87	81.1	0.61	4.1	I	···	···
···	SDSS J103217.70+581349.3	10 32 17.7	+58 13 49.4	0.04515	-18.53	1.0	0.42	···	L	N	N
SDSS J170411.60+332738.5	···	17 04 11.6	+33 27 38.6	0.08266	-22.03	167.8	0.82	-106.0	E	···	···
···	SDSS J170417.18+333131.6	17 04 17.2	+33 31 31.6	0.08238	-19.75	111.9	0.92	···	I	N	Y
SDSS J154844.11+522034.5	···	15 48 44.1	+52 20 34.6	0.03470	-20.57	102.9	0.74	-133.7	E	···	···
···	SDSS J154858.27+522145.4	15 48 58.3	+52 21 45.5	0.03378	-17.50	91.2	0.52	···	I	Y	Y
SDSS J154340.35+533424.3	···	15 43 40.4	+53 34 24.3	0.01184	-18.16	133.7	0.43	-37.5	L	···	···
···	SDSS J154342.14+533944.3	15 43 42.1	+53 39 44.3	0.01192	-15.23	171.8	0.96	···	L	Y	Y
SDSS J161101.21+494743.4	···	16 11 01.2	+49 47 43.4	0.04239	-21.41	43.3	0.72	23.8	L	···	···
···	SDSS J161042.16+494554.8	16 10 42.2	+49 45 54.8	0.04208	-18.68	1.9	0.29	···	L	Y	Y
SDSS J164310.44+421133.9	···	16 43 10.4	+42 11 34.0	0.02836	-20.56	173.5	0.28	-29.0	L	···	···
···	SDSS J164229.52+421546.2	16 42 29.5	+42 15 46.2	0.02759	-17.61	164.4	0.81	···	L	Y	N
···	SDSS J164215.02+420335.9	16 42 15.0	+42 03 36.0	0.02789	-17.04	165.5	0.36	···	L	Y	N
SDSS J162702.55+432833.9	···	16 27 02.6	+43 28 33.9	0.04632	-21.00	52.4	0.83	15.9	E	···	···
···	SDSS J162707.02+432611.2	16 27 07.0	+43 26 11.2	0.04642	-18.88	56.7	0.71	···	E	N	Y
SDSS J164956.39+351243.5	···	16 49 56.4	+35 12 43.6	0.09967	-22.10	92.9	0.56	-83.7	E	···	···
···	SDSS J164950.80+351211.7	16 49 50.8	+35 12 11.7	0.09988	-19.83	24.0	0.86	···	I	Y	Y
SDSS J141517.98-022641.1	···	14 15 18.0	-02 26 41.1	0.04699	-21.51	82.2	0.38	9.6	I	···	···
···	SDSS J141501.73-023600.4	14 15 01.7	-02 36 00.4	0.04752	-18.02	28.2	0.48	···	L	Y	N
SDSS J132757.83-015529.5	···	13 27 57.8	-01 55 29.6	0.05436	-21.03	121.3	0.54	-41.6	L	···	···
···	SDSS J132811.38-020336.8	13 28 11.4	-02 03 36.8	0.05397	-18.41	150.6	0.82	···	L	N	N
SDSS J140652.88-014348.7	···	14 06 52.9	-01 43 48.7	0.07005	-21.57	30.0	0.35	-8.5	I	···	···
···	SDSS J140704.45-014359.1	14 07 04.5	-01 43 59.2	0.06961	-19.36	128.4	0.75	···	I	Y	Y
SDSS J142448.56-021255.8	···	14 24 48.6	-02 12 55.9	0.03033	-20.27	26.9	0.82	-132.2	E	···	···
···	SDSS J142506.82-020949.5	14 25 06.8	-02 09 49.6	0.03047	-17.21	171.9	0.72	···	L	N	N
SDSS J154345.78-014511.9	···	15 43 45.8	-01 45 12.0	0.05617	-21.45	128.6	0.94	-55.8	E	···	···
···	SDSS J154305.26-014642.4	15 43 05.3	-01 46 42.4	0.05620	-18.60	88.6	0.71	···	L	N	N
···	SDSS J154351.97-014537.0	15 43 52.0	-01 45 37.0	0.05715	-18.72	165.0	0.61	···	L	N	N
SDSS J140631.97-015807.8	···	14 06 32.0	-01 58 07.9	0.03513	-19.85	38.1	0.54	···	I	···	···
···	SDSS J140539.16-015334.2	14 05 39.2	-01 53 34.3	0.03548	-17.40	94.1	0.50	···	L	N	N
SDSS J153645.21-004931.9	···	15 36 45.2	-00 49 32.0	0.03770	-20.06	141.5	0.85	-60.6	E	···	···
···	SDSS J153622.66-004513.4	15 36 22.7	-00 45 13.4	0.03764	-17.58	162.5	0.29	···	L	N	Y
SDSS J171228.43+305434.7	···	17 12 28.4	+30 54 34.8	0.05471	-21.62	146.2	0.78	-99.4	L	···	···
···	SDSS J171218.63+305318.7	17 12 18.6	+30 53 18.7	0.05523	-18.69	29.7	0.92	···	L	Y	Y
SDSS J001113.14+141653.7	···	00 11 13.1	+14 16 53.8	0.07970	-21.88	147.6	0.53	6.8	I	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J001119.85+142019.9	00 11 19.9	+14 20 19.9	0.07925	-19.29	101.2	0.66	···	I	Y	N
SDSS J231825.40+145618.7	···	23 18 25.4	+14 56 18.7	0.05006	-20.59	129.4	0.61	-67.5	L	···	···
···	SDSS J231821.66+145606.1	23 18 21.7	+14 56 06.1	0.05013	-18.25	138.0	0.97	···	E	Y	N
SDSS J222049.45-092915.9	···	22 20 49.5	-09 29 16.0	0.08409	-21.75	114.3	0.77	-115.6	E	···	···
···	SDSS J222046.16-092906.7	22 20 46.2	-09 29 06.7	0.08465	-19.41	118.6	0.97	···	I	Y	N
SDSS J220751.03-081751.9	···	22 07 51.0	-08 17 51.9	0.06260	-21.77	51.3	0.77	-10.0	E	···	···
···	SDSS J220810.95-081348.0	22 08 11.0	-08 13 48.0	0.06179	-19.70	45.1	0.83	···	E	Y	Y
SDSS J231047.25-083243.1	···	23 10 47.3	-08 32 43.2	0.09317	-22.20	136.1	0.87	34.8	E	···	···
···	SDSS J231051.56-082905.2	23 10 51.6	-08 29 05.3	0.09183	-19.73	23.4	0.71	···	L	N	N
SDSS J214351.30-001917.0	···	21 43 51.3	-00 19 17.0	0.02674	-19.90	78.5	0.89	-77.8	E	···	···
···	SDSS J214338.77-002116.2	21 43 38.8	-00 21 16.2	0.02646	-17.02	10.5	0.64	···	L	N	N
SDSS J210614.04+000552.0	···	21 06 14.0	+00 05 52.0	0.05062	-21.07	68.0	0.20	-83.9	L	···	···
···	SDSS J210623.50+000109.2	21 06 23.5	+00 01 09.3	0.05037	-18.96	136.9	0.25	···	L	Y	N
SDSS J211031.84+005342.1	···	21 10 31.8	+00 53 42.2	0.06810	-21.42	161.7	0.70	-101.0	E	···	···
···	SDSS J211031.90+005430.7	21 10 31.9	+00 54 30.8	0.06938	-19.25	48.5	0.66	···	E	Y	N
SDSS J205802.71-002658.1	···	20 58 02.7	-00 26 58.1	0.06795	-21.65	170.4	0.74	-51.4	L	···	···
···	SDSS J205825.19-002358.8	20 58 25.2	-00 23 58.9	0.06799	-19.62	109.1	0.44	···	L	N	N
SDSS J210107.74-001142.6	···	21 01 07.7	-00 11 42.6	0.02373	-21.43	168.7	0.75	-89.6	L	···	···
···	SDSS J210039.65-001237.0	21 00 39.7	-00 12 37.0	0.02409	-18.20	177.6	0.23	···	L	Y	N
···	SDSS J210057.49-001902.6	21 00 57.5	-00 19 02.7	0.02359	-17.65	66.6	0.77	···	L	Y	N
SDSS J205310.38+001356.8	···	20 53 10.4	+00 13 56.8	0.05272	-21.68	61.6	0.92	-29.4	I	···	···
···	SDSS J205253.32+000947.5	20 52 53.3	+00 09 47.5	0.05288	-18.29	28.5	0.88	···	I	N	N
SDSS J230641.33-005106.6	···	23 06 41.3	-00 51 06.7	0.05482	-21.71	161.6	0.60	-44.1	I	···	···
···	SDSS J230632.55-005121.3	23 06 32.6	-00 51 21.3	0.05409	-19.67	143.7	0.57	···	I	Y	N
SDSS J213241.75-000740.2	···	21 32 41.8	-00 07 40.2	0.04998	-21.47	6.9	0.56	39.8	L	···	···
···	SDSS J213310.97-001007.0	21 33 11.0	-00 10 07.0	0.04984	-18.59	118.4	0.40	···	L	Y	N
SDSS J001654.91-000517.6	···	00 16 54.9	-00 05 17.6	0.03284	-20.13	168.5	0.56	-67.0	L	···	···
···	SDSS J001707.42-000830.2	00 17 07.4	-00 08 30.2	0.03309	-17.72	70.9	0.66	···	L	Y	N
SDSS J003514.53+004145.5	···	00 35 14.5	+00 41 45.5	0.04121	-20.45	61.4	0.74	-36.4	L	···	···
···	SDSS J003531.39+004943.7	00 35 31.4	+00 49 43.8	0.04171	-18.24	158.0	0.38	···	L	Y	N
SDSS J095918.80+521525.4	···	09 59 18.8	+52 15 25.4	0.04047	-20.92	5.5	0.85	31.3	L	···	···
···	SDSS J095907.17+521401.1	09 59 07.2	+52 14 01.2	0.04043	-18.48	7.6	0.56	···	L	N	Y
···	SDSS J095950.39+521343.7	09 59 50.4	+52 13 43.8	0.04017	-17.70	23.7	0.45	···	L	N	Y
SDSS J011448.67-002946.0	···	01 14 48.7	-00 29 46.1	0.03390	-21.02	97.0	0.71	7.2	L	···	···
···	SDSS J011443.48-003255.3	01 14 43.5	-00 32 55.4	0.03450	-17.63	173.5	0.33	···	L	Y	N

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J010623.93-000841.6	···	01 06 23.9	-00 08 41.7	0.04805	-20.94	173.3	0.74	28.2	E	···	···
···	SDSS J010542.77-000702.4	01 05 42.8	-00 07 02.4	0.05024	-18.43	114.6	0.86	···	E	N	N
···	SDSS J010623.75-001010.5	01 06 23.8	-00 10 10.5	0.04860	-18.36	176.4	0.46	···	I	Y	N
SDSS J010810.89-000604.8	···	01 08 10.9	-00 06 04.9	0.07822	-21.50	41.4	0.45	16.6	L	···	···
···	SDSS J010802.36-000531.8	01 08 02.4	-00 05 31.9	0.07811	-19.46	8.4	0.60	···	L	Y	N
SDSS J023522.54-000700.4	···	02 35 22.5	-00 07 00.4	0.04925	-20.98	137.9	0.64	20.3	E	···	···
···	SDSS J023500.53-001223.5	02 35 00.5	-00 12 23.6	0.04902	-18.37	36.7	0.37	···	L	Y	N
SDSS J033502.33+002254.1	···	03 35 02.3	+00 22 54.2	0.08530	-21.80	28.5	0.68	-124.8	E	···	···
···	SDSS J033437.45+002419.2	03 34 37.5	+00 24 19.3	0.08690	-19.47	162.2	0.20	···	L	Y	Y
SDSS J024403.82+004629.6	···	02 44 03.8	+00 46 29.6	0.04515	-20.65	11.2	0.82	-74.5	E	···	···
···	SDSS J024409.39+004656.9	02 44 09.4	+00 46 57.0	0.04524	-18.26	41.5	0.39	···	L	N	N
SDSS J082732.07+360843.5	···	08 27 32.1	+36 08 43.6	0.02909	-19.63	130.4	0.44	-76.9	I	···	···
···	SDSS J082658.53+361137.1	08 26 58.5	+36 11 37.1	0.02855	-16.80	58.6	0.71	···	L	Y	Y
SDSS J082647.46+362431.9	···	08 26 47.5	+36 24 32.0	0.06257	-21.14	61.3	0.86	44.8	E	···	···
···	SDSS J082644.43+362524.4	08 26 44.4	+36 25 24.4	0.06302	-18.95	25.1	0.70	···	L	N	N
SDSS J082038.12+365304.2	···	08 20 38.1	+36 53 04.3	0.03017	-19.85	9.3	0.53	-12.0	L	···	···
···	SDSS J082119.18+365307.1	08 21 19.2	+36 53 07.2	0.03043	-17.25	145.1	0.45	···	L	Y	Y
SDSS J084705.11+414253.9	···	08 47 05.1	+41 42 54.0	0.06839	-21.30	24.2	0.59	-118.6	L	···	···
···	SDSS J084704.74+414207.8	08 47 04.7	+41 42 07.8	0.06857	-18.91	41.6	0.42	···	L	Y	Y
SDSS J091418.30+432726.9	···	09 14 18.3	+43 27 26.9	0.06155	-20.84	74.6	0.87	-82.8	L	···	···
···	SDSS J091456.16+433123.6	09 14 56.2	+43 31 23.7	0.06145	-18.57	6.1	0.69	···	L	N	N
SDSS J080318.20+314634.9	···	08 03 18.2	+31 46 34.9	0.03639	-20.31	57.4	0.74	-12.6	L	···	···
···	SDSS J080249.52+313935.4	08 02 49.5	+31 39 35.5	0.03858	-17.97	93.1	0.52	···	L	Y	Y
SDSS J082235.92+370604.9	···	08 22 35.9	+37 06 05.0	0.04186	-21.08	142.5	0.41	-60.1	L	···	···
···	SDSS J082247.60+370240.5	08 22 47.6	+37 02 40.5	0.04164	-18.46	128.4	0.63	···	L	Y	Y
SDSS J085741.79+430738.9	···	08 57 41.8	+43 07 38.9	0.03094	-20.87	90.1	0.58	-109.7	L	···	···
···	SDSS J085632.56+431433.3	08 56 32.6	+43 14 33.3	0.03041	-17.17	49.3	0.48	···	L	N	N
···	SDSS J085753.49+430733.8	08 57 53.5	+43 07 33.8	0.03125	-18.65	21.6	0.89	···	L	Y	Y
SDSS J101420.69+493038.7	···	10 14 20.7	+49 30 38.8	0.06072	-21.79	23.3	0.39	-41.2	I	···	···
···	SDSS J101433.55+492319.2	10 14 33.6	+49 23 19.2	0.06101	-18.84	56.5	0.39	···	L	Y	Y
SDSS J112912.46+534402.2	···	11 29 12.5	+53 44 02.2	0.02726	-19.66	140.8	0.52	-115.7	L	···	···
···	SDSS J112917.26+534222.4	11 29 17.3	+53 42 22.5	0.02722	-17.22	89.6	0.86	···	L	Y	Y
SDSS J122511.97+543022.3	···	12 25 12.0	+54 30 22.4	0.00843	-18.77	82.9	0.74	-95.9	L	···	···
···	SDSS J122442.59+544441.3	12 24 42.6	+54 44 41.4	0.00827	-15.10	22.4	0.53	···	L	Y	Y
SDSS J111952.52+542746.2	···	11 19 52.5	+54 27 46.3	0.04074	-21.04	159.7	0.88	-64.4	L	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J111826.53+542755.9	11 18 26.5	+54 27 56.0	0.04077	-18.66	126.4	0.36	···	L	N	N
SDSS J123358.58+552020.0	···	12 33 58.6	+55 20 20.1	0.06335	-21.50	37.0	0.95	-62.1	L	···	···
···	SDSS J123306.99+551524.5	12 33 07.0	+55 15 24.5	0.06297	-18.62	104.1	0.74	···	L	N	N
SDSS J103415.15+525214.9	···	10 34 15.2	+52 52 15.0	0.02357	-20.96	151.6	0.40	-41.2	I	···	···
···	SDSS J103411.88+525532.5	10 34 11.9	+52 55 32.6	0.02366	-17.39	119.1	0.63	···	I	Y	Y
SDSS J110315.77+540640.5	···	11 03 15.8	+54 06 40.6	0.07039	-21.89	125.9	0.57	-131.7	E	···	···
···	SDSS J110331.88+540708.1	11 03 31.9	+54 07 08.1	0.07020	-19.34	153.8	0.93	···	L	Y	Y
···	SDSS J110302.05+540427.1	11 03 02.1	+54 04 27.1	0.07010	-19.04	30.0	0.72	···	L	Y	Y
SDSS J075646.59+315545.1	···	07 56 46.6	+31 55 45.2	0.05611	-20.88	56.9	0.46	-103.5	I	···	···
···	SDSS J075653.43+315530.1	07 56 53.4	+31 55 30.2	0.05590	-18.71	69.4	0.65	···	L	Y	Y
SDSS J080459.70+340058.6	···	08 04 59.7	+34 00 58.6	0.06177	-21.15	113.9	0.60	32.3	L	···	···
···	SDSS J080529.12+335902.5	08 05 29.1	+33 59 02.6	0.06261	-18.96	22.5	0.68	···	E	Y	Y
SDSS J113524.79+573859.8	···	11 35 24.8	+57 38 59.8	0.02876	-20.72	103.8	0.80	-77.6	L	···	···
···	SDSS J113510.15+573443.8	11 35 10.2	+57 34 43.9	0.03034	-17.65	143.5	0.49	···	L	N	Y
SDSS J120955.92+583639.8	···	12 09 55.9	+58 36 39.9	0.06337	-21.24	167.6	0.97	-6.3	E	···	···
···	SDSS J120949.17+583547.9	12 09 49.2	+58 35 47.9	0.06345	-18.93	41.8	0.81	···	L	N	Y
SDSS J103150.13+542119.4	···	10 31 50.1	+54 21 19.5	0.04748	-20.70	1.8	0.36	-95.8	I	···	···
···	SDSS J103148.27+542412.5	10 31 48.3	+54 24 12.5	0.04772	-17.98	28.5	0.39	···	L	Y	Y
SDSS J094447.05+514119.3	···	09 44 47.1	+51 41 19.4	0.03319	-20.61	28.4	0.88	-84.9	L	···	···
···	SDSS J094427.28+515757.1	09 44 27.3	+51 57 57.2	0.03478	-17.91	162.2	0.59	···	L	N	N
SDSS J100038.87+530130.0	···	10 00 38.9	+53 01 30.0	0.03399	-20.86	85.2	0.60	-113.0	E	···	···
···	SDSS J095950.26+530511.3	09 59 50.3	+53 05 11.4	0.03385	-17.47	139.9	0.59	···	L	Y	Y
SDSS J104753.22+563511.5	···	10 47 53.2	+56 35 11.6	0.07251	-21.35	76.2	0.49	-40.9	I	···	···
···	SDSS J104826.85+564026.8	10 48 26.9	+56 40 26.9	0.07405	-19.03	134.1	0.64	···	L	Y	Y
SDSS J082516.87+340456.9	···	08 25 16.9	+34 04 56.9	0.08405	-21.52	160.6	0.71	-54.7	E	···	···
···	SDSS J082449.05+340846.8	08 24 49.1	+34 08 46.8	0.08462	-19.49	127.7	0.32	···	L	Y	Y
SDSS J102246.44+483813.6	···	10 22 46.4	+48 38 13.6	0.04985	-21.47	58.2	0.56	-71.6	I	···	···
···	SDSS J102242.10+483428.8	10 22 42.1	+48 34 28.8	0.05047	-18.87	140.9	0.48	···	L	Y	Y
SDSS J123106.77+522451.6	···	12 31 06.8	+52 24 51.7	0.04009	-21.03	57.3	0.48	-7.9	I	···	···
···	SDSS J123156.23+523444.9	12 31 56.2	+52 34 44.9	0.03799	-18.78	26.2	0.26	···	I	N	N
SDSS J121722.45+533323.4	···	12 17 22.5	+53 33 23.5	0.05061	-21.21	113.6	0.64	-76.8	L	···	···
···	SDSS J121740.89+532532.2	12 17 40.9	+53 25 32.2	0.05129	-18.80	124.9	0.32	···	L	N	N
SDSS J092328.69+404532.0	···	09 23 28.7	+40 45 32.0	0.06259	-21.21	124.3	0.81	···	E	···	···
···	SDSS J092325.31+404813.0	09 23 25.3	+40 48 13.1	0.06215	-18.64	153.0	0.35	···	L	N	N
SDSS J080303.45+274438.3	···	08 03 03.5	+27 44 38.4	0.04723	-20.81	32.9	0.52	24.7	L	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J080302.70+273502.3	08 03 02.7	+27 35 02.4	0.04799	-18.30	119.9	0.35	···	L	N	N
SDSS J075609.48+265232.7	···	07 56 09.5	+26 52 32.7	0.06158	-21.38	172.9	0.91	-11.3	L	···	···
···	SDSS J075551.99+265101.9	07 55 52.0	+26 51 01.9	0.06067	-19.27	167.5	0.26	···	L	N	Y
SDSS J081223.21+282423.9	···	08 12 23.2	+28 24 23.9	0.05805	-21.09	54.4	0.88	-25.6	L	···	···
···	SDSS J081243.98+282704.7	08 12 44.0	+28 27 04.7	0.05809	-18.60	38.6	0.42	···	L	N	Y
SDSS J085011.80+350435.0	···	08 50 11.8	+35 04 35.0	0.00766	-18.49	133.6	0.62	-7.8	L	···	···
···	SDSS J085338.47+352811.4	08 53 38.5	+35 28 11.5	0.00798	-16.11	26.5	0.81	···	L	Y	N
···	SDSS J084619.14+351858.2	08 46 19.1	+35 18 58.2	0.00789	-15.50	100.3	0.52	···	L	Y	N
SDSS J111410.89+481906.6	···	11 14 10.9	+48 19 06.7	0.00710	-19.61	117.2	0.36	6.2	L	···	···
···	SDSS J111036.29+482752.1	11 10 36.3	+48 27 52.2	0.00773	-15.47	54.5	0.77	···	L	Y	Y
···	SDSS J111345.41+482405.4	11 13 45.4	+48 24 05.5	0.00654	-14.72	119.1	0.46	···	L	Y	Y
SDSS J123713.54+492653.6	···	12 37 13.5	+49 26 53.6	0.02995	-21.00	9.4	0.69	-19.3	L	···	···
···	SDSS J123755.17+493058.1	12 37 55.2	+49 30 58.1	0.03005	-17.39	79.4	0.25	···	L	Y	Y
SDSS J124851.66+491807.4	···	12 48 51.7	+49 18 07.4	0.03115	-19.78	91.1	0.96	0.8	L	···	···
···	SDSS J124708.91+491908.0	12 47 08.9	+49 19 08.1	0.03089	-17.14	43.0	0.49	···	L	N	N
SDSS J104717.63+472521.0	···	10 47 17.6	+47 25 21.1	0.04008	-20.98	114.2	0.72	-27.4	I	···	···
···	SDSS J104632.18+472411.6	10 46 32.2	+47 24 11.7	0.04021	-18.08	132.3	0.44	···	L	Y	Y
···	SDSS J104739.52+472740.4	10 47 39.5	+47 27 40.4	0.04040	-17.86	80.1	0.60	···	L	Y	Y
SDSS J112242.78+485720.8	···	11 22 42.8	+48 57 20.8	0.03357	-19.59	100.9	0.43	-91.8	I	···	···
···	SDSS J112253.64+484007.5	11 22 53.6	+48 40 07.6	0.03303	-17.51	31.6	0.94	···	L	N	N
SDSS J133008.03+485335.7	···	13 30 08.0	+48 53 35.8	0.07081	-21.26	76.4	0.84	-122.2	L	···	···
···	SDSS J132953.10+484648.8	13 29 53.1	+48 46 48.9	0.07103	-18.97	157.2	0.89	···	L	N	N
SDSS J093803.83+425827.5	···	09 38 03.8	+42 58 27.5	0.04681	-21.22	59.0	0.49	-41.7	I	···	···
···	SDSS J093817.20+425823.2	09 38 17.2	+42 58 23.3	0.04701	-18.39	107.5	0.65	···	L	Y	Y
SDSS J142728.38+460847.5	···	14 27 28.4	+46 08 47.5	0.00774	-19.35	17.1	0.62	-20.7	L	···	···
···	SDSS J143012.19+453232.4	14 30 12.2	+45 32 32.4	0.00782	-16.67	41.1	0.83	···	L	Y	Y
···	SDSS J142706.55+450237.4	14 27 06.6	+45 02 37.4	0.00865	-15.34	54.9	0.73	···	L	N	N
SDSS J111132.56+062626.1	···	11 11 32.6	+06 26 26.2	0.04147	-21.13	68.7	0.71	-18.1	E	···	···
···	SDSS J111211.22+062741.9	11 12 11.2	+06 27 41.9	0.04206	-17.93	69.5	0.70	···	L	Y	Y
···	SDSS J111114.45+061759.0	11 11 14.5	+06 17 59.0	0.04106	-18.14	159.1	0.56	···	L	Y	Y
SDSS J085553.19+042230.0	···	08 55 53.2	+04 22 30.1	0.03392	-19.87	3.7	0.66	38.9	I	···	···
···	SDSS J085545.37+042112.4	08 55 45.4	+04 21 12.4	0.03403	-17.64	6.5	0.81	···	L	Y	Y
SDSS J090049.81+043459.8	···	09 00 49.8	+04 34 59.8	0.09462	-22.23	81.0	0.89	-69.9	E	···	···
···	SDSS J090048.99+043614.7	09 00 49.0	+04 36 14.7	0.09501	-19.87	73.9	0.50	···	I	N	Y
SDSS J092234.80+050839.7	···	09 22 34.8	+05 08 39.8	0.05886	-21.15	84.3	0.77	-67.7	L	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J092229.42+051322.6	09 22 29.4	+05 13 22.6	0.05703	-18.41	118.8	0.43	···	L	Y	Y
SDSS J110827.91+064430.8	···	11 08 27.9	+06 44 30.8	0.08023	-21.68	160.6	0.59	22.0	E	···	···
···	SDSS J110819.32+064533.4	11 08 19.3	+06 45 33.4	0.08029	-19.37	92.7	0.85	···	L	Y	Y
SDSS J095558.94+063358.4	···	09 55 58.9	+06 33 58.4	0.06201	-21.29	93.6	0.61	-78.4	L	···	···
···	SDSS J095554.67+063055.3	09 55 54.7	+06 30 55.4	0.06256	-19.10	86.4	0.43	···	L	Y	Y
SDSS J093754.41+063913.0	···	09 37 54.4	+06 39 13.0	0.07216	-21.68	96.7	0.56	···	I	···	···
···	SDSS J093750.99+063718.5	09 37 51.0	+06 37 18.5	0.07236	-19.20	72.9	0.74	···	E	Y	N
SDSS J110559.02+585645.7	···	11 05 59.0	+58 56 45.8	0.04765	-21.07	82.3	0.63	-19.2	E	···	···
···	SDSS J110633.69+585518.6	11 06 33.7	+58 55 18.7	0.04738	-18.00	36.2	0.64	···	L	Y	Y
SDSS J102321.46+571822.4	···	10 23 21.5	+57 18 22.5	0.04611	-20.34	129.7	0.76	-101.2	E	···	···
···	SDSS J102348.16+572543.7	10 23 48.2	+57 25 43.8	0.04570	-18.24	127.7	0.69	···	L	Y	Y
SDSS J112552.54+602846.4	···	11 25 52.5	+60 28 46.5	0.06004	-21.60	6.8	0.82	-17.8	E	···	···
···	SDSS J112527.58+603113.4	11 25 27.6	+60 31 13.4	0.06052	-18.79	23.9	0.44	···	L	N	N
···	SDSS J112557.50+602652.9	11 25 57.5	+60 26 52.9	0.06085	-19.02	51.6	0.87	···	L	N	N
SDSS J122811.36+593046.5	···	12 28 11.4	+59 30 46.6	0.04365	-20.75	30.5	0.94	-54.0	L	···	···
···	SDSS J122825.85+594051.8	12 28 25.9	+59 40 51.9	0.04373	-17.78	67.2	0.43	···	L	N	N
SDSS J125244.48+591556.1	···	12 52 44.5	+59 15 56.2	0.04300	-20.94	98.8	0.88	42.4	L	···	···
···	SDSS J125239.96+591329.4	12 52 40.0	+59 13 29.5	0.04400	-18.66	16.6	0.98	···	L	N	Y
SDSS J121330.43+610232.6	···	12 13 30.4	+61 02 32.7	0.10329	-22.12	23.7	0.91	···	L	···	···
···	SDSS J121337.54+610013.1	12 13 37.5	+61 00 13.1	0.10372	-19.90	154.9	0.16	···	L	N	N
SDSS J105422.00+062516.5	···	10 54 22.0	+06 25 16.5	0.03960	-20.37	172.1	0.92	-46.8	L	···	···
···	SDSS J105330.77+062403.7	10 53 30.8	+06 24 03.7	0.03957	-17.64	30.3	0.76	···	L	N	N
SDSS J083630.84+040215.6	···	08 36 30.8	+04 02 15.6	0.02902	-20.23	92.1	0.82	-73.6	E	···	···
···	SDSS J083700.05+034712.2	08 37 00.1	+03 47 12.3	0.02942	-17.17	62.9	0.31	···	L	N	N
SDSS J092512.55+052106.2	···	09 25 12.6	+05 21 06.3	0.07606	-22.10	64.2	0.86	11.9	E	···	···
···	SDSS J092534.39+052428.1	09 25 34.4	+05 24 28.1	0.07640	-19.56	129.0	0.57	···	L	N	Y
SDSS J104729.55+071503.8	···	10 47 29.6	+07 15 03.9	0.02697	-20.74	164.5	0.75	-111.2	E	···	···
···	SDSS J104828.87+070214.2	10 48 28.9	+07 02 14.3	0.02712	-17.54	122.7	0.70	···	L	N	N
SDSS J104417.39+075715.5	···	10 44 17.4	+07 57 15.5	0.03783	-20.00	167.2	0.40	-71.7	I	···	···
···	SDSS J104327.35+080110.3	10 43 27.4	+08 01 10.4	0.03808	-17.86	21.0	0.72	···	L	N	N
SDSS J102920.98+074605.3	···	10 29 21.0	+07 46 05.4	0.03510	-19.78	46.6	0.71	-41.8	E	···	···
···	SDSS J102923.49+074400.9	10 29 23.5	+07 44 00.9	0.03472	-17.38	97.8	0.35	···	L	Y	Y
SDSS J103019.94+080339.8	···	10 30 19.9	+08 03 39.9	0.04739	-21.18	124.9	0.73	-32.4	I	···	···
···	SDSS J103007.88+080322.1	10 30 07.9	+08 03 22.1	0.04735	-18.63	146.1	0.55	···	L	Y	Y
SDSS J130122.37+092720.4	···	13 01 22.4	+09 27 20.4	0.08406	-22.17	172.8	0.72	44.6	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J130118.36+092704.3	13 01 18.4	+09 27 04.4	0.08447	-19.58	74.4	0.44	···	I	Y	N
SDSS J104028.37+091057.1	···	10 40 28.4	+09 10 57.2	0.01952	-21.12	140.1	0.76	-19.7	E	···	···
···	SDSS J104026.15+091536.7	10 40 26.2	+09 15 36.7	0.01982	-16.96	39.1	0.83	···	I	Y	Y
···	SDSS J104040.12+092449.4	10 40 40.1	+09 24 49.4	0.01942	-16.88	69.4	0.44	···	L	Y	Y
SDSS J112714.97+101920.4	···	11 27 15.0	+10 19 20.5	0.05373	-21.63	175.3	0.60	-48.1	I	···	···
···	SDSS J112717.39+102222.0	11 27 17.4	+10 22 22.0	0.05348	-18.47	157.2	0.68	···	L	Y	Y
SDSS J115213.07+102149.9	···	11 52 13.1	+10 21 49.9	0.06490	-21.50	172.4	0.98	-131.3	L	···	···
···	SDSS J115208.55+102113.9	11 52 08.6	+10 21 14.0	0.06522	-19.19	79.5	0.82	···	L	N	Y
SDSS J120046.41+103421.8	···	12 00 46.4	+10 34 21.8	0.02090	-18.95	178.9	0.42	-57.6	L	···	···
···	SDSS J115903.62+104433.0	11 59 03.6	+10 44 33.1	0.02108	-16.28	35.1	0.37	···	L	N	N
SDSS J111351.90+103348.2	···	11 13 51.9	+10 33 48.2	0.04086	-21.31	83.5	0.69	-128.7	E	···	···
···	SDSS J111326.88+104240.0	11 13 26.9	+10 42 40.1	0.04073	-18.66	36.2	0.45	···	I	Y	Y
SDSS J101658.70+493737.8	···	10 16 58.7	+49 37 37.9	0.04156	-21.46	126.3	0.68	-15.0	L	···	···
···	SDSS J101603.75+494904.1	10 16 03.8	+49 49 04.1	0.04185	-18.03	160.2	0.70	···	L	N	N
···	SDSS J101647.35+493748.2	10 16 47.4	+49 37 48.3	0.04174	-18.46	79.9	0.25	···	L	Y	Y
SDSS J112157.03+525746.0	···	11 21 57.0	+52 57 46.1	0.03356	-21.29	157.8	0.78	-30.7	E	···	···
···	SDSS J112155.95+525103.8	11 21 56.0	+52 51 03.9	0.03359	-17.55	154.9	0.21	···	L	Y	Y
···	SDSS J112131.37+530137.6	11 21 31.4	+53 01 37.7	0.03251	-17.64	82.4	0.61	···	L	Y	Y
···	SDSS J112141.04+525546.7	11 21 41.0	+52 55 46.7	0.03208	-17.52	11.9	0.38	···	L	Y	Y
···	SDSS J112203.93+525843.1	11 22 03.9	+52 58 43.1	0.03593	-17.88	167.7	0.67	···	I	Y	Y
SDSS J114642.43+533617.5	···	11 46 42.4	+53 36 17.6	0.07685	-21.65	142.8	0.87	-34.3	E	···	···
···	SDSS J114632.96+533518.9	11 46 33.0	+53 35 19.0	0.07682	-19.37	166.5	0.91	···	L	N	Y
SDSS J123600.10+541315.5	···	12 36 00.1	+54 13 15.5	0.01790	-20.40	69.9	0.76	-93.5	I	···	···
···	SDSS J123538.12+541350.1	12 35 38.1	+54 13 50.1	0.01805	-16.57	30.4	0.82	···	L	Y	Y
SDSS J111056.87+532315.9	···	11 10 56.9	+53 23 16.0	0.00953	-19.92	38.4	0.27	-38.5	L	···	···
···	SDSS J111350.45+530511.0	11 13 50.5	+53 05 11.1	0.00957	-16.94	65.5	0.30	···	L	Y	N
SDSS J121511.36+543801.4	···	12 15 11.4	+54 38 01.4	0.09130	-22.02	69.0	0.84	6.9	E	···	···
···	SDSS J121501.05+543811.4	12 15 01.1	+54 38 11.5	0.09096	-19.45	29.6	0.99	···	I	N	Y
SDSS J104418.95+524612.4	···	10 44 19.0	+52 46 12.5	0.02493	-20.61	74.7	0.77	-34.2	E	···	···
···	SDSS J104402.82+523034.7	10 44 02.8	+52 30 34.8	0.02502	-16.78	36.9	0.86	···	L	Y	Y
···	SDSS J104441.68+524139.7	10 44 41.7	+52 41 39.7	0.02528	-18.06	89.8	0.59	···	E	Y	Y
SDSS J111143.40+535918.6	···	11 11 43.4	+53 59 18.7	0.04883	-20.66	39.2	0.73	-91.1	L	···	···
···	SDSS J111205.43+540050.9	11 12 05.4	+54 00 51.0	0.04881	-18.47	93.1	0.87	···	L	Y	Y
SDSS J113223.25+545858.8	···	11 32 23.3	+54 58 58.8	0.04637	-20.88	104.9	0.63	-85.9	L	···	···
···	SDSS J113217.62+545632.8	11 32 17.6	+54 56 32.9	0.04744	-18.25	129.5	0.81	···	L	Y	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J113221.94+545550.2	11 32 21.9	+54 55 50.2	0.04765	-18.34	145.5	0.91	···	E	Y	Y
SDSS J144331.27+492335.2	···	14 43 31.3	+49 23 35.2	0.03017	-20.35	2.6	0.87	19.2	E	···	···
···	SDSS J144419.40+492442.8	14 44 19.4	+49 24 42.9	0.03032	-17.97	153.6	0.51	···	L	N	Y
SDSS J150653.62+470325.1	···	15 06 53.6	+47 03 25.1	0.08792	-21.82	99.5	0.90	-58.9	L	···	···
···	SDSS J150623.15+470527.8	15 06 23.2	+47 05 27.8	0.08806	-19.45	37.6	0.56	···	L	N	N
SDSS J151925.25+455248.9	···	15 19 25.3	+45 52 48.9	0.01714	-20.28	82.1	0.33	6.0	L	···	···
···	SDSS J151919.39+454723.6	15 19 19.4	+45 47 23.7	0.01697	-17.69	162.0	0.29	···	L	Y	Y
SDSS J154451.98+421613.9	···	15 44 52.0	+42 16 14.0	0.06874	-21.11	67.4	0.66	-103.8	E	···	···
···	SDSS J154416.50+421850.0	15 44 16.5	+42 18 50.0	0.06923	-18.89	95.8	0.79	···	L	N	N
SDSS J161139.25+381241.7	···	16 11 39.3	+38 12 41.7	0.06492	-21.40	177.3	0.80	-95.7	E	···	···
···	SDSS J161119.25+381256.6	16 11 19.3	+38 12 56.6	0.06531	-19.26	176.6	0.59	···	I	N	Y
SDSS J144958.77+523634.8	···	14 49 58.8	+52 36 34.8	0.08148	-21.63	74.8	0.92	-29.4	L	···	···
···	SDSS J144932.99+523602.2	14 49 33.0	+52 36 02.2	0.08146	-19.20	124.6	0.58	···	L	N	Y
SDSS J170320.89+245609.8	···	17 03 20.9	+24 56 09.8	0.03073	-21.11	84.0	0.21	-17.1	I	···	···
···	SDSS J170334.09+245815.9	17 03 34.1	+24 58 15.9	0.03095	-18.95	5.8	0.36	···	L	Y	N
SDSS J164917.60+300152.0	···	16 49 17.6	+30 01 52.1	0.06209	-21.01	25.8	0.82	-73.5	E	···	···
···	SDSS J164914.73+300225.4	16 49 14.7	+30 02 25.4	0.06273	-18.60	33.9	0.61	···	L	N	N
SDSS J160717.61+412413.0	···	16 07 17.6	+41 24 13.0	0.03463	-20.45	44.6	0.81	-89.3	L	···	···
···	SDSS J160630.25+412035.8	16 06 30.3	+41 20 35.9	0.03440	-17.78	62.2	0.55	···	L	N	Y
SDSS J162636.74+384641.4	···	16 26 36.7	+38 46 41.4	0.05884	-21.39	2.5	0.81	-42.5	I	···	···
···	SDSS J162605.52+384307.7	16 26 05.5	+38 43 07.7	0.05914	-19.12	72.5	0.35	···	L	N	Y
SDSS J160528.87+423737.9	···	16 05 28.9	+42 37 38.0	0.03940	-21.14	0.7	0.65	-84.1	L	···	···
···	SDSS J160443.20+424241.4	16 04 43.2	+42 42 41.5	0.03897	-17.90	72.1	0.36	···	L	Y	Y
SDSS J165635.07+311308.5	···	16 56 35.1	+31 13 08.6	0.10524	-22.45	11.1	0.73	···	I	···	···
···	SDSS J165631.63+310919.4	16 56 31.6	+31 09 19.5	0.10534	-20.07	56.8	0.25	···	I	Y	N
SDSS J221152.92+000631.4	···	22 11 52.9	+00 06 31.4	0.03331	-20.98	40.8	0.70	6.1	L	···	···
···	SDSS J221148.32+000448.1	22 11 48.3	+00 04 48.2	0.03349	-17.94	18.7	0.48	···	L	Y	N
SDSS J220315.99+003415.9	···	22 03 16.0	+00 34 16.0	0.03014	-21.25	···	···	-38.1	L	···	···
···	SDSS J220340.84+003135.6	22 03 40.8	+00 31 35.6	0.03015	-18.76	141.0	0.51	···	L	N	N
SDSS J220401.82+003504.6	···	22 04 01.8	+00 35 04.6	0.04925	-20.51	85.6	0.98	-131.2	E	···	···
···	SDSS J220403.19+002626.8	22 04 03.2	+00 26 26.9	0.04914	-18.30	75.8	0.91	···	L	N	N
SDSS J075112.30+222522.4	···	07 51 12.3	+22 25 22.4	0.04528	-20.98	74.2	0.53	32.7	I	···	···
···	SDSS J075105.41+222200.6	07 51 05.4	+22 22 00.6	0.04558	-18.57	110.0	0.92	···	E	Y	Y
SDSS J090114.09+344840.6	···	09 01 14.1	+34 48 40.7	0.03220	-20.43	12.3	0.95	-11.3	I	···	···
···	SDSS J090109.64+345439.6	09 01 09.6	+34 54 39.6	0.03212	-18.20	150.7	0.64	···	L	N	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J091958.02+371128.5	···	09 19 58.0	+37 11 28.5	0.00751	-18.00	144.3	0.34	15.8	I	···	···
···	SDSS J092025.72+361445.4	09 20 25.7	+36 14 45.5	0.00762	-15.98	118.8	0.24	···	L	N	N
SDSS J075037.87+225928.0	···	07 50 37.9	+22 59 28.1	0.04507	-21.80	75.2	0.96	38.0	I	···	···
···	SDSS J075046.91+230240.8	07 50 46.9	+23 02 40.9	0.04531	-18.28	139.1	0.63	···	L	N	Y
SDSS J090320.65+363510.2	···	09 03 20.7	+36 35 10.3	0.05774	-20.74	15.3	0.88	-83.7	L	···	···
···	SDSS J090403.59+363914.2	09 04 03.6	+36 39 14.2	0.05766	-18.55	102.9	0.49	···	L	N	N
SDSS J085850.46+061734.7	···	08 58 50.5	+06 17 34.8	0.01281	-20.40	170.0	0.63	-13.7	L	···	···
···	SDSS J085830.11+061917.4	08 58 30.1	+06 19 17.5	0.01190	-15.60	80.4	0.70	···	L	Y	Y
SDSS J085254.78+062708.3	···	08 52 54.8	+06 27 08.3	0.05150	-21.20	15.9	0.91	-72.0	E	···	···
···	SDSS J085323.18+062530.5	08 53 23.2	+06 25 30.6	0.05159	-18.50	109.4	0.77	···	L	N	Y
···	SDSS J085213.09+062510.3	08 52 13.1	+06 25 10.4	0.05198	-18.55	90.6	0.52	···	L	N	Y
SDSS J075018.63+231041.6	···	07 50 18.6	+23 10 41.6	0.10182	-22.32	28.0	0.83	-35.8	E	···	···
···	SDSS J075029.78+230900.6	07 50 29.8	+23 09 00.6	0.10196	-20.16	84.3	0.74	···	E	N	Y
SDSS J122054.67+110942.5	···	12 20 54.7	+11 09 42.5	0.06888	-21.41	103.0	0.61	-8.4	L	···	···
···	SDSS J122101.04+110756.8	12 21 01.0	+11 07 56.8	0.07015	-19.21	152.0	0.32	···	L	Y	Y
SDSS J122932.79+111255.8	···	12 29 32.8	+11 12 55.8	0.06046	-22.30	142.3	0.91	-79.4	L	···	···
···	SDSS J123006.16+111412.3	12 30 06.2	+11 14 12.4	0.05869	-19.94	137.3	0.71	···	L	N	N
SDSS J101829.25+100049.2	···	10 18 29.3	+10 00 49.3	0.02276	-18.97	103.0	0.80	-41.1	E	···	···
···	SDSS J101831.95+094113.6	10 18 32.0	+09 41 13.7	0.02279	-16.55	127.8	0.76	···	L	N	N
SDSS J090449.82+080214.9	···	09 04 49.8	+08 02 15.0	0.03135	-20.49	90.9	0.73	-10.4	E	···	···
···	SDSS J090412.53+080244.9	09 04 12.5	+08 02 45.0	0.03112	-18.05	47.3	0.28	···	L	Y	Y
SDSS J083843.52+074823.7	···	08 38 43.5	+07 48 23.8	0.02955	-20.71	46.0	0.88	-133.3	E	···	···
···	SDSS J083820.33+073338.7	08 38 20.3	+07 33 38.8	0.02922	-18.67	147.0	0.76	···	L	N	N
SDSS J102103.38+111931.7	···	10 21 03.4	+11 19 31.7	0.06164	-21.61	150.1	0.76	-108.5	E	···	···
···	SDSS J102108.88+111739.6	10 21 08.9	+11 17 39.7	0.06126	-18.60	32.5	0.84	···	I	Y	Y
SDSS J101650.92+114648.2	···	10 16 50.9	+11 46 48.3	0.05351	-20.94	118.4	0.84	-117.1	I	···	···
···	SDSS J101725.46+115209.4	10 17 25.5	+11 52 09.5	0.05324	-18.29	127.0	0.34	···	L	N	N
SDSS J103913.15+121130.9	···	10 39 13.2	+12 11 31.0	0.04797	-20.98	151.0	0.32	-17.2	I	···	···
···	SDSS J103915.75+122407.0	10 39 15.8	+12 24 07.0	0.04795	-18.71	99.2	0.54	···	I	N	N
SDSS J084029.20+292640.8	···	08 40 29.2	+29 26 40.8	0.05097	-21.11	38.7	0.72	10.3	E	···	···
···	SDSS J084010.44+291723.0	08 40 10.4	+29 17 23.0	0.05145	-18.17	173.9	0.43	···	L	N	N
SDSS J094316.70+385242.1	···	09 43 16.7	+38 52 42.2	0.02741	-20.36	100.7	0.95	-47.7	E	···	···
···	SDSS J094321.54+385457.6	09 43 21.5	+38 54 57.7	0.02496	-17.29	139.9	0.76	···	I	N	Y
SDSS J080036.67+222400.1	···	08 00 36.7	+22 24 00.2	0.01841	-20.10	16.4	0.87	-39.5	L	···	···
···	SDSS J080050.14+225405.1	08 00 50.1	+22 54 05.2	0.01849	-18.07	98.2	0.30	···	L	N	N

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J084002.36+294902.6	···	08 40 02.4	+29 49 02.6	0.06480	-21.79	94.4	0.80	-96.3	I	···	···
···	SDSS J084019.80+294626.7	08 40 19.8	+29 46 26.7	0.06501	-18.98	138.2	0.46	···	L	Y	Y
SDSS J094835.61+390342.5	···	09 48 35.6	+39 03 42.6	0.07138	-21.65	74.6	0.77	-83.6	L	···	···
···	SDSS J094844.23+390534.7	09 48 44.2	+39 05 34.7	0.07125	-19.17	45.4	0.62	···	L	Y	Y
SDSS J081731.78+060605.5	···	08 17 31.8	+06 06 05.6	0.09487	-21.91	47.3	0.75	-129.2	E	···	···
···	SDSS J081731.06+060502.0	08 17 31.1	+06 05 02.0	0.09452	-19.56	71.7	0.80	···	E	Y	N
SDSS J091631.24+090622.0	···	09 16 31.2	+09 06 22.0	0.05557	-21.41	172.5	0.85	-125.9	E	···	···
···	SDSS J091623.83+090339.1	09 16 23.8	+09 03 39.2	0.05553	-19.09	6.0	0.55	···	L	N	Y
···	SDSS J091640.35+090655.2	09 16 40.4	+09 06 55.3	0.05578	-18.63	62.3	0.37	···	I	N	Y
SDSS J093545.51+094544.9	···	09 35 45.5	+09 45 45.0	0.03460	-20.03	156.3	0.82	28.5	E	···	···
···	SDSS J093553.54+093108.4	09 35 53.5	+09 31 08.5	0.03431	-18.00	97.3	0.25	···	L	N	N
SDSS J094358.36+103351.6	···	09 43 58.4	+10 33 51.6	0.09738	-21.92	28.4	0.87	-56.1	E	···	···
···	SDSS J094404.49+103350.4	09 44 04.5	+10 33 50.5	0.09769	-19.77	59.3	0.58	···	L	N	Y
SDSS J121534.18+135635.0	···	12 15 34.2	+13 56 35.0	0.09343	-22.04	44.7	0.66	-79.7	E	···	···
···	SDSS J121548.58+140009.7	12 15 48.6	+14 00 09.7	0.09289	-19.86	123.6	0.89	···	E	Y	Y
SDSS J115746.06+141750.7	···	11 57 46.1	+14 17 50.7	0.02319	-20.88	49.5	0.68	-108.8	L	···	···
···	SDSS J115710.68+135911.1	11 57 10.7	+13 59 11.1	0.02451	-17.78	18.3	0.61	···	L	N	N
SDSS J110650.67+142723.4	···	11 06 50.7	+14 27 23.4	0.05187	-21.11	···	···	-78.5	E	···	···
···	SDSS J110647.25+142544.4	11 06 47.3	+14 25 44.5	0.05147	-18.43	176.1	0.49	···	L	N	Y
···	SDSS J110649.32+142915.6	11 06 49.3	+14 29 15.7	0.05197	-18.20	168.3	0.86	···	L	N	Y
SDSS J122323.84+151018.7	···	12 23 23.8	+15 10 18.8	0.04238	-21.09	162.3	0.84	4.2	I	···	···
···	SDSS J122243.95+150536.6	12 22 44.0	+15 05 36.6	0.04395	-18.10	80.9	0.85	···	L	N	N
SDSS J092929.21+113843.0	···	09 29 29.2	+11 38 43.1	0.02856	-19.87	64.1	0.88	-75.8	E	···	···
···	SDSS J092835.42+113615.7	09 28 35.4	+11 36 15.7	0.02901	-17.01	68.4	0.50	···	L	N	N
SDSS J101451.09+132019.3	···	10 14 51.1	+13 20 19.3	0.03917	-20.30	132.7	0.66	-27.7	L	···	···
···	SDSS J101447.17+131924.2	10 14 47.2	+13 19 24.2	0.03906	-17.81	136.6	0.79	···	L	Y	Y
SDSS J103139.89+140037.1	···	10 31 39.9	+14 00 37.2	0.06621	-21.42	99.6	0.70	-85.2	E	···	···
···	SDSS J103143.36+140227.3	10 31 43.4	+14 02 27.4	0.06646	-18.72	110.0	0.42	···	L	Y	Y
SDSS J105708.66+145530.2	···	10 57 08.7	+14 55 30.3	0.03322	-20.56	106.2	0.76	-23.0	E	···	···
···	SDSS J105750.23+150140.1	10 57 50.2	+15 01 40.1	0.03344	-17.92	20.0	0.52	···	L	Y	N
SDSS J112910.54+152928.1	···	11 29 10.5	+15 29 28.2	0.05315	-20.53	77.4	0.61	···	E	···	···
···	SDSS J112904.85+152926.1	11 29 04.9	+15 29 26.2	0.05274	-18.34	17.9	0.66	···	E	Y	N
SDSS J130311.45+484707.2	···	13 03 11.5	+48 47 07.2	0.01626	-18.51	91.8	0.90	30.6	L	···	···
···	SDSS J130253.40+484421.3	13 02 53.4	+48 44 21.4	0.01607	-16.06	103.7	0.62	···	L	N	Y
SDSS J124821.78+492623.4	···	12 48 21.8	+49 26 23.4	0.09641	-21.91	21.0	0.80	17.0	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J124827.23+493108.9	12 48 27.2	+49 31 08.9	0.09666	-19.62	73.4	0.83	···	L	N	Y
SDSS J124939.77+492649.6	···	12 49 39.8	+49 26 49.6	0.03878	-21.37	155.2	0.73	-57.8	E	···	···
···	SDSS J124905.61+493312.7	12 49 05.6	+49 33 12.8	0.03946	-18.58	12.8	0.27	···	L	Y	Y
SDSS J132329.24+490047.7	···	13 23 29.2	+49 00 47.7	0.02852	-19.29	11.3	0.74	-97.9	L	···	···
···	SDSS J132249.20+490523.8	13 22 49.2	+49 05 23.9	0.02910	-16.95	76.1	0.89	···	L	Y	N
SDSS J151627.80+400714.3	···	15 16 27.8	+40 07 14.3	0.07661	-21.54	146.5	0.82	-112.0	E	···	···
···	SDSS J151626.40+400604.8	15 16 26.4	+40 06 04.8	0.07795	-19.39	103.1	0.61	···	L	N	Y
SDSS J141718.34+464153.5	···	14 17 18.3	+46 41 53.6	0.03797	-19.95	61.2	0.94	-126.0	E	···	···
···	SDSS J141755.77+463820.0	14 17 55.8	+46 38 20.0	0.03796	-17.66	109.6	0.49	···	L	N	Y
SDSS J094931.47+351552.8	···	09 49 31.5	+35 15 52.9	0.05974	-20.85	11.4	0.86	39.1	L	···	···
···	SDSS J094932.32+351429.8	09 49 32.3	+35 14 29.9	0.05898	-18.44	128.9	0.82	···	E	N	Y
SDSS J092916.69+342923.8	···	09 29 16.7	+34 29 23.9	0.07549	-21.34	24.1	0.68	19.0	E	···	···
···	SDSS J092912.50+342955.6	09 29 12.5	+34 29 55.6	0.07434	-19.23	44.1	0.90	···	I	Y	Y
SDSS J102621.73+395712.9	···	10 26 21.7	+39 57 13.0	0.06361	-21.92	57.7	0.92	19.7	L	···	···
···	SDSS J102627.56+400550.4	10 26 27.6	+40 05 50.4	0.06364	-19.16	176.4	0.90	···	L	N	N
SDSS J150437.06+484419.6	···	15 04 37.1	+48 44 19.6	0.03612	-20.16	52.5	0.83	-113.0	E	···	···
···	SDSS J150315.14+484612.2	15 03 15.1	+48 46 12.2	0.03656	-17.88	154.2	0.60	···	L	N	N
SDSS J135533.26+543934.4	···	13 55 33.3	+54 39 34.4	0.06811	-21.22	59.4	0.96	13.1	E	···	···
···	SDSS J135539.38+543655.2	13 55 39.4	+54 36 55.2	0.06775	-18.94	132.5	0.68	···	I	N	Y
SDSS J163038.87+350323.1	···	16 30 38.9	+35 03 23.2	0.03098	-21.12	20.7	0.61	24.0	E	···	···
···	SDSS J163059.16+345610.9	16 30 59.2	+34 56 10.9	0.03268	-18.07	139.4	0.81	···	L	Y	Y
SDSS J150823.41+493957.5	···	15 08 23.4	+49 39 57.6	0.03727	-21.32	97.3	0.65	-123.1	E	···	···
···	SDSS J150746.34+494902.5	15 07 46.3	+49 49 02.6	0.03738	-17.78	176.7	0.33	···	L	Y	Y
···	SDSS J150818.72+494113.2	15 08 18.7	+49 41 13.3	0.03597	-18.35	119.7	0.35	···	L	Y	Y
SDSS J161043.81+410854.8	···	16 10 43.8	+41 08 54.8	0.03154	-20.92	171.4	0.41	-6.7	I	···	···
···	SDSS J161111.21+405637.1	16 11 11.2	+40 56 37.2	0.03057	-16.99	115.9	0.34	···	L	N	N
SDSS J163720.68+352037.1	···	16 37 20.7	+35 20 37.1	0.12228	-22.45	58.6	0.57	-130.8	I	···	···
···	SDSS J163732.36+352321.2	16 37 32.4	+35 23 21.2	0.12279	-20.42	22.4	0.58	···	E	Y	Y
SDSS J133718.11+570632.1	···	13 37 18.1	+57 06 32.2	0.02313	-20.10	26.9	0.27	-134.1	I	···	···
···	SDSS J133742.82+571302.2	13 37 42.8	+57 13 02.2	0.02332	-16.49	104.5	0.85	···	L	Y	Y
···	SDSS J133556.81+570520.7	13 35 56.8	+57 05 20.7	0.02383	-17.81	102.2	0.41	···	L	Y	Y
SDSS J144918.44+523312.2	···	14 49 18.4	+52 33 12.3	0.06591	-21.36	90.6	0.70	-114.3	E	···	···
···	SDSS J145014.49+523241.4	14 50 14.5	+52 32 41.4	0.06573	-18.92	42.9	0.53	···	L	Y	Y
SDSS J120541.90+580259.8	···	12 05 41.9	+58 02 59.9	0.06386	-21.20	148.7	0.86	-10.1	I	···	···
···	SDSS J120603.44+581020.2	12 06 03.4	+58 10 20.3	0.06325	-18.63	106.6	0.89	···	L	N	N

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J163106.12+255719.4	···	16 31 06.1	+25 57 19.5	0.05962	-21.16	15.5	0.60	22.2	L	···	···
···	SDSS J163144.02+255138.9	16 31 44.0	+25 51 39.0	0.05959	-19.12	16.7	0.64	···	L	N	N
SDSS J153118.73+360448.1	···	15 31 18.7	+36 04 48.2	0.03697	-20.04	172.2	0.85	-8.3	E	···	···
···	SDSS J153120.50+355855.3	15 31 20.5	+35 58 55.3	0.03686	-17.48	43.1	0.19	···	L	N	Y
SDSS J153729.07+361437.5	···	15 37 29.1	+36 14 37.6	0.07646	-22.21	118.4	0.72	-32.6	E	···	···
···	SDSS J153717.92+361648.2	15 37 17.9	+36 16 48.2	0.07793	-19.11	37.7	0.75	···	L	Y	Y
···	SDSS J153742.05+361554.7	15 37 42.1	+36 15 54.7	0.07686	-19.65	77.9	0.64	···	L	Y	Y
SDSS J163037.95+272744.2	···	16 30 38.0	+27 27 44.2	0.05897	-21.32	58.3	0.66	-56.9	L	···	···
···	SDSS J163035.20+272853.0	16 30 35.2	+27 28 53.0	0.05854	-18.85	158.5	0.47	···	L	Y	Y
SDSS J135835.75+115757.4	···	13 58 35.8	+11 57 57.5	0.06365	-21.39	99.8	0.85	-99.5	L	···	···
···	SDSS J135840.09+120101.2	13 58 40.1	+12 01 01.3	0.06354	-18.68	61.7	0.46	···	L	N	Y
···	SDSS J135842.43+115700.0	13 58 42.4	+11 57 00.1	0.06362	-18.95	160.8	0.85	···	L	N	Y
SDSS J140946.81+113505.4	···	14 09 46.8	+11 35 05.5	0.03820	-21.42	56.1	0.64	-79.6	E	···	···
···	SDSS J140929.28+113629.5	14 09 29.3	+11 36 29.5	0.03827	-18.31	118.6	0.83	···	E	Y	Y
···	SDSS J141032.40+112707.9	14 10 32.4	+11 27 07.9	0.03849	-18.27	90.4	0.99	···	L	Y	Y
SDSS J155259.35+080059.3	···	15 52 59.4	+08 00 59.3	0.04104	-20.64	63.3	0.36	-64.9	I	···	···
···	SDSS J155255.65+080359.7	15 52 55.7	+08 03 59.8	0.04107	-17.72	19.0	0.33	···	L	Y	Y
···	SDSS J155314.79+080437.1	15 53 14.8	+08 04 37.2	0.04121	-18.10	93.1	0.46	···	L	Y	Y
SDSS J134139.76+123859.5	···	13 41 39.8	+12 38 59.5	0.05840	-21.72	21.4	0.86	22.1	E	···	···
···	SDSS J134202.99+123607.1	13 42 03.0	+12 36 07.2	0.05860	-19.39	41.1	0.83	···	L	N	Y
SDSS J143630.37+112341.1	···	14 36 30.4	+11 23 41.2	0.05505	-21.31	27.4	0.83	0.6	L	···	···
···	SDSS J143645.44+113337.6	14 36 45.4	+11 33 37.6	0.05521	-18.66	80.0	0.33	···	L	N	N
SDSS J144330.80+111209.6	···	14 43 30.8	+11 12 09.7	0.02811	-20.88	97.8	0.64	5.8	L	···	···
···	SDSS J144325.36+110702.4	14 43 25.4	+11 07 02.5	0.02815	-17.21	80.5	0.84	···	L	Y	N
SDSS J132400.71+094236.7	···	13 24 00.7	+09 42 36.7	0.02331	-21.36	174.9	0.57	-131.0	E	···	···
···	SDSS J132410.02+093942.1	13 24 10.0	+09 39 42.2	0.02410	-19.09	152.1	0.47	···	L	Y	Y
···	SDSS J132416.89+094030.5	13 24 16.9	+09 40 30.6	0.02325	-16.48	46.8	0.95	···	L	Y	Y
···	SDSS J132424.64+094425.2	13 24 24.6	+09 44 25.2	0.02330	-18.39	38.9	0.50	···	L	Y	Y
SDSS J132136.13+100538.0	···	13 21 36.1	+10 05 38.1	0.04031	-20.54	25.6	0.85	-113.2	E	···	···
···	SDSS J132055.07+101547.6	13 20 55.1	+10 15 47.6	0.04093	-18.06	72.6	0.24	···	L	N	N
SDSS J160917.67+040238.1	···	16 09 17.7	+04 02 38.1	0.05521	-20.77	138.3	0.82	-37.4	E	···	···
···	SDSS J160936.45+040041.3	16 09 36.5	+04 00 41.4	0.05511	-18.64	81.4	0.56	···	I	N	N
SDSS J144826.75+345953.0	···	14 48 26.8	+34 59 53.0	0.02941	-21.21	137.9	0.36	3.9	I	···	···
···	SDSS J144825.96+350931.9	14 48 26.0	+35 09 32.0	0.02943	-17.18	28.9	0.76	···	L	Y	Y
···	SDSS J144854.90+345213.8	14 48 54.9	+34 52 13.9	0.02927	-17.05	65.2	0.29	···	L	Y	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J141153.44+381137.8	···	14 11 53.4	+38 11 37.9	0.02049	-20.33	···	···	-81.2	E	···	···
···	SDSS J141244.06+382606.5	14 12 44.1	+38 26 06.6	0.02051	-18.10	62.7	0.35	···	L	N	Y
SDSS J155056.20+281543.8	···	15 50 56.2	+28 15 43.9	0.08671	-21.76	46.4	0.96	-33.6	L	···	···
···	SDSS J155040.89+281441.7	15 50 40.9	+28 14 41.7	0.08609	-19.32	83.5	0.54	···	I	N	Y
SDSS J162645.53+224040.7	···	16 26 45.5	+22 40 40.8	0.06263	-21.03	14.4	0.91	-48.1	E	···	···
···	SDSS J162705.33+224154.3	16 27 05.3	+22 41 54.3	0.06263	-18.84	6.0	0.87	···	E	N	Y
SDSS J144551.67+360843.3	···	14 45 51.7	+36 08 43.4	0.09883	-22.20	71.9	0.66	-63.1	L	···	···
···	SDSS J144531.89+361254.7	14 45 31.9	+36 12 54.7	0.09872	-19.90	49.7	0.82	···	L	N	N
SDSS J153517.72+304811.8	···	15 35 17.7	+30 48 11.8	0.03139	-20.53	44.7	0.13	-62.9	I	···	···
···	SDSS J153612.19+305802.4	15 36 12.2	+30 58 02.4	0.03121	-18.48	41.2	0.86	···	L	N	N
SDSS J145702.23+353302.3	···	14 57 02.2	+35 33 02.3	0.07104	-21.85	46.3	0.71	-54.3	E	···	···
···	SDSS J145723.50+353324.0	14 57 23.5	+35 33 24.0	0.07179	-19.25	42.1	0.56	···	L	Y	Y
SDSS J161936.27+244343.0	···	16 19 36.3	+24 43 43.0	0.10370	-22.14	31.2	0.94	-29.2	L	···	···
···	SDSS J161948.26+244016.4	16 19 48.3	+24 40 16.4	0.10491	-19.91	157.4	0.27	···	L	N	N
SDSS J155435.53+291319.9	···	15 54 35.5	+29 13 19.9	0.09427	-22.19	23.3	0.90	-78.7	L	···	···
···	SDSS J155438.68+290913.8	15 54 38.7	+29 09 13.9	0.09440	-20.14	173.2	0.37	···	L	N	Y
SDSS J154405.35+285423.5	···	15 44 05.4	+28 54 23.5	0.07355	-21.29	58.0	0.84	-27.3	E	···	···
···	SDSS J154430.76+285817.1	15 44 30.8	+28 58 17.2	0.07320	-19.09	57.9	0.87	···	E	N	Y
SDSS J165129.52+192459.8	···	16 51 29.5	+19 24 59.8	0.02264	-20.66	132.2	0.32	-66.8	I	···	···
···	SDSS J165142.71+192543.1	16 51 42.7	+19 25 43.1	0.02212	-18.47	4.1	0.75	···	L	Y	N
SDSS J154543.85+361148.9	···	15 45 43.9	+36 11 48.9	0.07812	-21.42	112.3	0.71	14.6	E	···	···
···	SDSS J154521.55+360846.2	15 45 21.6	+36 08 46.2	0.07619	-19.23	12.6	0.86	···	L	Y	N
SDSS J155154.75+354646.2	···	15 51 54.8	+35 46 46.3	0.08249	-21.74	145.1	0.75	-30.2	L	···	···
···	SDSS J155214.42+354408.6	15 52 14.4	+35 44 08.7	0.08173	-19.60	73.9	0.70	···	L	Y	Y
SDSS J161737.57+312100.9	···	16 17 37.6	+31 21 00.9	0.05358	-20.92	102.8	0.33	-134.5	L	···	···
···	SDSS J161730.00+312510.6	16 17 30.0	+31 25 10.7	0.05312	-18.36	4.8	0.80	···	I	Y	Y
···	SDSS J161751.22+311758.8	16 17 51.2	+31 17 58.9	0.05355	-18.33	12.0	0.53	···	L	Y	Y
SDSS J154748.88+370136.2	···	15 47 48.9	+37 01 36.2	0.07755	-21.36	81.3	0.94	-113.6	E	···	···
···	SDSS J154817.37+365911.9	15 48 17.4	+36 59 12.0	0.07771	-19.22	99.4	0.61	···	L	N	Y
SDSS J154744.41+371218.0	···	15 47 44.4	+37 12 18.1	0.03967	-21.29	172.6	0.97	-49.0	E	···	···
···	SDSS J154720.44+370255.0	15 47 20.4	+37 02 55.0	0.03964	-18.10	118.8	0.71	···	L	N	Y
SDSS J125129.06+134654.5	···	12 51 29.1	+13 46 54.5	0.03763	-20.75	···	···	37.9	L	···	···
···	SDSS J125200.38+135333.3	12 52 00.4	+13 53 33.4	0.03758	-18.31	82.0	0.33	···	L	N	Y
SDSS J132356.91+152449.1	···	13 23 56.9	+15 24 49.2	0.07119	-21.81	148.6	0.86	43.4	L	···	···
···	SDSS J132403.45+152411.4	13 24 03.5	+15 24 11.4	0.07184	-19.15	103.9	0.84	···	L	N	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J132415.95+152231.6	13 24 16.0	+15 22 31.7	0.07152	-18.93	168.6	0.43	···	L	N	Y
SDSS J160029.01+080210.2	···	16 00 29.0	+08 02 10.3	0.05736	-20.98	10.0	0.96	-77.0	E	···	···
···	SDSS J160027.51+080648.3	16 00 27.5	+08 06 48.3	0.05713	-18.77	154.0	0.34	···	L	N	Y
SDSS J153148.56+095107.9	···	15 31 48.6	+09 51 07.9	0.05452	-20.77	44.9	0.53	-127.9	L	···	···
···	SDSS J153206.65+094148.1	15 32 06.7	+09 41 48.1	0.05481	-18.46	37.5	0.24	···	L	N	N
SDSS J160356.08+083858.2	···	16 03 56.1	+08 38 58.3	0.05266	-20.51	118.0	0.52	-96.0	I	···	···
···	SDSS J160418.20+084650.5	16 04 18.2	+08 46 50.5	0.05253	-18.30	62.8	0.42	···	L	N	N
SDSS J154645.21+310040.4	···	15 46 45.2	+31 00 40.5	0.03107	-20.33	44.0	0.65	-10.8	E	···	···
···	SDSS J154706.22+305718.2	15 47 06.2	+30 57 18.3	0.03186	-18.26	65.7	0.55	···	L	Y	Y
SDSS J153908.88+322425.4	···	15 39 08.9	+32 24 25.4	0.03139	-19.59	29.2	0.87	-20.3	L	···	···
···	SDSS J153919.78+323653.1	15 39 19.8	+32 36 53.2	0.03170	-17.23	153.3	0.42	···	L	N	N
SDSS J162047.06+255950.7	···	16 20 47.1	+25 59 50.7	0.07207	-21.67	44.0	0.72	-99.9	E	···	···
···	SDSS J162044.03+255855.6	16 20 44.0	+25 58 55.7	0.07184	-19.13	38.4	0.85	···	L	Y	Y
SDSS J161625.06+271446.1	···	16 16 25.1	+27 14 46.2	0.03327	-20.76	107.0	0.75	13.6	L	···	···
···	SDSS J161609.69+272523.0	16 16 09.7	+27 25 23.0	0.03287	-17.44	105.6	0.58	···	L	Y	Y
···	SDSS J161553.92+271143.5	16 15 53.9	+27 11 43.6	0.03252	-17.38	85.9	0.74	···	L	Y	Y
SDSS J155553.56+312933.9	···	15 55 53.6	+31 29 34.0	0.07503	-21.35	65.3	0.78	21.8	E	···	···
···	SDSS J155610.73+313516.3	15 56 10.7	+31 35 16.3	0.07573	-19.02	148.3	0.44	···	L	Y	Y
SDSS J140658.93+123338.8	···	14 06 58.9	+12 33 38.8	0.06016	-21.64	69.2	0.57	-118.4	L	···	···
···	SDSS J140732.58+123451.9	14 07 32.6	+12 34 51.9	0.06020	-19.13	88.5	0.74	···	L	N	N
SDSS J143814.55+113345.0	···	14 38 14.6	+11 33 45.0	0.05126	-20.44	117.6	0.71	-35.5	L	···	···
···	SDSS J143726.25+113235.7	14 37 26.3	+11 32 35.8	0.05249	-18.26	3.4	0.53	···	L	N	N
SDSS J143635.21+115618.2	···	14 36 35.2	+11 56 18.3	0.02869	-19.78	23.9	0.82	-105.5	E	···	···
···	SDSS J143731.21+114928.9	14 37 31.2	+11 49 28.9	0.02902	-17.39	60.3	0.38	···	L	N	N
SDSS J150917.40+111042.7	···	15 09 17.4	+11 10 42.7	0.06919	-21.64	32.2	0.31	-46.2	L	···	···
···	SDSS J150919.63+110800.5	15 09 19.6	+11 08 00.5	0.06910	-19.62	66.5	0.43	···	I	Y	Y
SDSS J142730.73+131410.7	···	14 27 30.7	+13 14 10.8	0.05263	-21.41	142.9	0.79	8.8	E	···	···
···	SDSS J142816.26+131351.4	14 28 16.3	+13 13 51.4	0.05242	-19.36	105.1	0.38	···	I	Y	Y
SDSS J140619.04+365000.8	···	14 06 19.0	+36 50 00.8	0.05469	-20.69	66.5	0.36	-60.4	I	···	···
···	SDSS J140602.55+365951.0	14 06 02.6	+36 59 51.1	0.05499	-18.38	160.4	0.83	···	I	N	N
SDSS J154313.51+284457.9	···	15 43 13.5	+28 44 58.0	0.08484	-21.60	32.7	0.92	-93.2	L	···	···
···	SDSS J154319.19+284314.9	15 43 19.2	+28 43 14.9	0.08511	-19.41	124.4	0.78	···	L	N	Y
SDSS J143208.98+313504.7	···	14 32 09.0	+31 35 04.7	0.05501	-20.95	132.9	0.63	37.1	E	···	···
···	SDSS J143209.28+313623.7	14 32 09.3	+31 36 23.8	0.05546	-18.36	111.3	0.77	···	L	Y	Y
SDSS J073453.55+394550.6	···	07 34 53.6	+39 45 50.6	0.06234	-21.39	143.2	0.82	-65.1	L	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J073447.55+395419.4	07 34 47.6	+39 54 19.4	0.06269	-18.94	29.5	0.30	···	L	N	N
SDSS J074112.48+424457.7	···	07 41 12.5	+42 44 57.8	0.03578	-21.44	170.7	0.62	···	E	···	···
···	SDSS J074107.06+424349.6	07 41 07.1	+42 43 49.7	0.03602	-17.51	79.2	0.74	···	I	Y	N
SDSS J080720.25+510753.7	···	08 07 20.3	+51 07 53.8	0.01755	-20.54	42.2	0.80	37.8	E	···	···
···	SDSS J080730.22+511737.8	08 07 30.2	+51 17 37.9	0.01822	-17.95	67.7	0.33	···	L	Y	N
SDSS J082042.40+540735.6	···	08 20 42.4	+54 07 35.6	0.03099	-21.04	118.1	0.66	-61.4	L	···	···
···	SDSS J082222.72+540321.0	08 22 22.7	+54 03 21.0	0.03181	-18.94	31.3	0.77	···	L	N	N
SDSS J075954.43+472447.2	···	07 59 54.4	+47 24 47.3	0.02230	-20.38	141.3	0.23	-62.3	I	···	···
···	SDSS J080033.26+472214.8	08 00 33.3	+47 22 14.9	0.02243	-18.02	145.0	0.34	···	L	Y	Y
SDSS J081724.13+514355.4	···	08 17 24.1	+51 43 55.5	0.04261	-20.87	68.1	0.50	-108.1	I	···	···
···	SDSS J081843.61+514657.6	08 18 43.6	+51 46 57.6	0.04253	-18.15	18.4	0.94	···	L	N	N
···	SDSS J081735.04+514551.5	08 17 35.0	+51 45 51.5	0.04227	-18.23	21.7	0.40	···	L	Y	Y
SDSS J080506.22+494436.9	···	08 05 06.2	+49 44 37.0	0.04099	-19.93	176.3	0.36	···	L	···	···
···	SDSS J080452.36+494225.8	08 04 52.4	+49 42 25.9	0.04092	-17.69	162.5	0.37	···	L	Y	N
SDSS J083517.45+554943.8	···	08 35 17.5	+55 49 43.9	0.03783	-21.58	32.6	0.61	-88.1	I	···	···
···	SDSS J083502.42+554939.3	08 35 02.4	+55 49 39.4	0.03781	-19.17	90.2	0.79	···	L	Y	Y
SDSS J074423.51+443139.8	···	07 44 23.5	+44 31 39.9	0.04968	-21.07	139.5	0.79	-101.4	I	···	···
···	SDSS J074405.02+443416.7	07 44 05.0	+44 34 16.7	0.05074	-18.74	152.5	0.41	···	L	Y	Y
SDSS J080002.26+513608.8	···	08 00 02.3	+51 36 08.8	0.08242	-22.11	63.4	0.65	-11.9	E	···	···
···	SDSS J080013.22+513908.2	08 00 13.2	+51 39 08.2	0.08246	-19.22	148.6	0.94	···	L	Y	N
···	SDSS J075918.82+513854.8	07 59 18.8	+51 38 54.8	0.08274	-19.74	63.5	0.77	···	I	Y	N
SDSS J080158.45+193126.0	···	08 01 58.5	+19 31 26.1	0.02854	-20.01	98.4	0.53	-55.0	I	···	···
···	SDSS J080114.38+194040.9	08 01 14.4	+19 40 41.0	0.02881	-16.98	16.1	0.74	···	L	Y	Y
SDSS J101005.85+121410.0	···	10 10 05.9	+12 14 10.0	0.07750	-21.59	151.2	0.44	-10.9	I	···	···
···	SDSS J100956.95+121411.6	10 09 57.0	+12 14 11.6	0.07715	-19.15	171.5	0.62	···	I	Y	Y
SDSS J101326.21+121713.7	···	10 13 26.2	+12 17 13.8	0.06891	-21.53	67.5	0.82	-51.4	E	···	···
···	SDSS J101330.17+121824.5	10 13 30.2	+12 18 24.6	0.06849	-18.80	37.2	0.44	···	L	N	Y
SDSS J103349.98+125242.0	···	10 33 50.0	+12 52 42.1	0.02520	-20.12	177.9	0.65	-81.9	L	···	···
···	SDSS J103419.33+124948.3	10 34 19.3	+12 49 48.3	0.02690	-17.25	29.8	0.53	···	L	Y	Y
SDSS J093455.57+114051.2	···	09 34 55.6	+11 40 51.2	0.02309	-20.31	132.9	0.60	-94.3	E	···	···
···	SDSS J093528.28+113424.4	09 35 28.3	+11 34 24.5	0.02322	-17.96	160.7	0.50	···	L	Y	N
SDSS J110951.27+150400.6	···	11 09 51.3	+15 04 00.6	0.08966	-22.03	152.9	0.85	-65.8	E	···	···
···	SDSS J110941.03+150437.3	11 09 41.0	+15 04 37.3	0.09162	-19.81	160.6	0.96	···	E	N	Y
SDSS J120223.97+145037.1	···	12 02 24.0	+14 50 37.1	0.02426	-20.80	136.0	0.27	-91.0	I	···	···
···	SDSS J120306.74+150955.2	12 03 06.7	+15 09 55.2	0.02418	-18.02	142.6	0.49	···	L	N	N

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J120100.54+144821.0	12 01 00.5	+14 48 21.1	0.02245	-17.35	149.4	0.36	···	L	N	N
SDSS J125935.95+150257.3	···	12 59 36.0	+15 02 57.4	0.03565	-20.55	69.2	0.34	-85.2	I	···	···
···	SDSS J125928.98+145958.1	12 59 29.0	+14 59 58.2	0.03602	-17.59	138.7	0.57	···	L	Y	N
···	SDSS J125932.41+150413.5	12 59 32.4	+15 04 13.5	0.03637	-18.32	132.1	0.45	···	L	Y	N
SDSS J134009.84+145602.5	···	13 40 09.8	+14 56 02.6	0.04301	-20.48	77.9	0.40	-19.9	L	···	···
···	SDSS J134102.56+145404.6	13 41 02.6	+14 54 04.7	0.04242	-17.80	91.6	0.95	···	L	N	N
SDSS J125506.03+391318.9	···	12 55 06.0	+39 13 19.0	0.01543	-19.03	177.0	0.45	-23.4	I	···	···
···	SDSS J125242.96+393717.5	12 52 43.0	+39 37 17.6	0.01646	-16.80	7.7	0.37	···	L	N	N
SDSS J130551.77+385014.5	···	13 05 51.8	+38 50 14.6	0.04916	-21.07	96.2	0.70	-24.2	E	···	···
···	SDSS J130527.04+385944.5	13 05 27.0	+38 59 44.5	0.04960	-18.99	62.8	0.76	···	L	N	N
SDSS J124258.84+395044.4	···	12 42 58.8	+39 50 44.4	0.05505	-21.11	46.1	0.82	-78.0	E	···	···
···	SDSS J124331.85+394926.3	12 43 31.9	+39 49 26.4	0.05593	-19.11	0.8	0.96	···	L	N	Y
SDSS J125446.36+393416.5	···	12 54 46.4	+39 34 16.6	0.03225	-20.59	58.0	0.44	-58.9	I	···	···
···	SDSS J125420.71+392940.5	12 54 20.7	+39 29 40.6	0.03191	-17.49	89.2	0.57	···	L	Y	Y
···	SDSS J125429.06+393116.1	12 54 29.1	+39 31 16.1	0.03246	-18.25	66.4	0.51	···	L	Y	Y
SDSS J114441.60+355804.7	···	11 44 41.6	+35 58 04.8	0.03732	-21.39	82.2	0.72	-31.8	L	···	···
···	SDSS J114337.73+355843.2	11 43 37.7	+35 58 43.3	0.03813	-17.97	62.3	0.22	···	L	N	N
···	SDSS J114429.35+360219.2	11 44 29.4	+36 02 19.2	0.03759	-17.85	109.2	0.56	···	L	Y	Y
···	SDSS J114428.25+355501.0	11 44 28.3	+35 55 01.0	0.03725	-18.06	82.1	0.36	···	I	Y	Y
SDSS J115148.06+363532.9	···	11 51 48.1	+36 35 33.0	0.03640	-20.49	104.9	0.51	35.7	L	···	···
···	SDSS J115139.91+363518.8	11 51 39.9	+36 35 18.9	0.03606	-18.05	158.3	0.95	···	L	Y	Y
SDSS J115821.65+363820.4	···	11 58 21.7	+36 38 20.5	0.06561	-21.55	118.0	0.86	6.1	L	···	···
···	SDSS J115827.49+364016.0	11 58 27.5	+36 40 16.0	0.06508	-18.93	165.6	0.54	···	L	N	Y
SDSS J120540.10+364456.1	···	12 05 40.1	+36 44 56.2	0.04073	-20.88	141.2	0.45	-65.0	L	···	···
···	SDSS J120635.72+364925.0	12 06 35.7	+36 49 25.0	0.04022	-18.41	165.6	0.87	···	L	N	N
SDSS J115530.56+372427.3	···	11 55 30.6	+37 24 27.4	0.04216	-21.20	127.2	0.74	-87.0	E	···	···
···	SDSS J115517.40+372536.5	11 55 17.4	+37 25 36.6	0.04250	-18.36	112.2	0.86	···	L	Y	Y
···	SDSS J115603.37+372341.2	11 56 03.4	+37 23 41.3	0.04107	-17.84	123.9	0.56	···	L	Y	Y
SDSS J100305.05+330250.1	···	10 03 05.1	+33 02 50.1	0.02884	-19.86	179.0	0.30	-79.4	I	···	···
···	SDSS J100241.40+325940.1	10 02 41.4	+32 59 40.2	0.02915	-16.88	12.5	0.62	···	L	Y	Y
SDSS J113151.73+372034.5	···	11 31 51.7	+37 20 34.6	0.04255	-20.38	16.4	0.48	-21.5	L	···	···
···	SDSS J113221.16+371656.8	11 32 21.2	+37 16 56.9	0.04294	-17.98	139.9	0.83	···	L	Y	Y
SDSS J103059.05+352154.2	···	10 30 59.1	+35 21 54.3	0.04353	-20.57	21.9	0.66	13.0	E	···	···
···	SDSS J103058.84+351900.7	10 30 58.8	+35 19 00.7	0.04430	-18.03	15.6	0.66	···	L	Y	Y
···	SDSS J103103.18+351750.1	10 31 03.2	+35 17 50.1	0.04421	-18.06	50.6	0.54	···	L	Y	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J092925.79+305940.9	···	09 29 25.8	+30 59 41.0	0.04228	-20.75	96.5	0.63	-17.3	I	···	···
···	SDSS J092928.29+310356.5	09 29 28.3	+31 03 56.6	0.04247	-18.37	36.8	0.88	···	L	Y	Y
SDSS J113136.34+384758.0	···	11 31 36.3	+38 47 58.0	0.07819	-21.65	27.4	0.65	-126.7	E	···	···
···	SDSS J113114.55+385027.8	11 31 14.6	+38 50 27.8	0.07859	-19.39	152.5	0.32	···	I	Y	Y
SDSS J102907.31+365036.1	···	10 29 07.3	+36 50 36.2	0.05929	-21.05	136.3	0.74	-50.3	I	···	···
···	SDSS J102912.00+365107.8	10 29 12.0	+36 51 07.9	0.05991	-18.86	40.4	0.87	···	L	Y	Y
SDSS J103046.49+365716.7	···	10 30 46.5	+36 57 16.7	0.03855	-21.00	129.7	0.75	···	E	···	···
···	SDSS J103117.84+370051.1	10 31 17.8	+37 00 51.1	0.03855	-18.46	67.9	0.65	···	L	Y	N
SDSS J122515.28+402347.8	···	12 25 15.3	+40 23 47.9	0.06695	-21.63	19.4	0.74	-53.9	E	···	···
···	SDSS J122520.12+402010.4	12 25 20.1	+40 20 10.5	0.06731	-19.44	51.9	0.51	···	I	Y	Y
SDSS J091707.13+310734.1	···	09 17 07.1	+31 07 34.2	0.06241	-21.03	149.6	0.87	6.8	E	···	···
···	SDSS J091643.50+311128.0	09 16 43.5	+31 11 28.1	0.06227	-18.69	84.5	0.58	···	L	N	Y
SDSS J135911.03+340419.2	···	13 59 11.0	+34 04 19.3	0.05452	-21.64	153.6	0.96	-69.1	I	···	···
···	SDSS J135903.41+340139.6	13 59 03.4	+34 01 39.7	0.05462	-18.75	28.2	0.77	···	L	N	Y
SDSS J124426.19+370716.3	···	12 44 26.2	+37 07 16.4	0.02327	-21.18	110.2	0.78	-12.8	L	···	···
···	SDSS J124313.51+370507.0	12 43 13.5	+37 05 07.0	0.02299	-17.05	138.5	0.80	···	L	Y	Y
SDSS J123551.83+382234.0	···	12 35 51.8	+38 22 34.1	0.01296	-18.40	56.4	0.44	-29.0	L	···	···
···	SDSS J123450.94+381759.8	12 34 50.9	+38 17 59.8	0.01329	-15.71	37.9	0.96	···	L	Y	Y
SDSS J104417.39+345640.9	···	10 44 17.4	+34 56 41.0	0.06715	-21.56	147.4	0.84	39.2	E	···	···
···	SDSS J104430.75+345313.4	10 44 30.8	+34 53 13.4	0.06707	-19.23	31.8	0.51	···	L	N	Y
SDSS J115344.16+371003.4	···	11 53 44.2	+37 10 03.4	0.03590	-20.80	48.1	0.45	12.0	I	···	···
···	SDSS J115302.58+370456.7	11 53 02.6	+37 04 56.7	0.03621	-18.26	55.5	0.80	···	L	Y	Y
SDSS J084411.66+233204.9	···	08 44 11.7	+23 32 04.9	0.07681	-21.82	46.9	0.77	-0.6	E	···	···
···	SDSS J084402.89+233552.1	08 44 02.9	+23 35 52.2	0.07654	-19.55	136.3	0.66	···	L	Y	Y
SDSS J090649.79+261631.6	···	09 06 49.8	+26 16 31.6	0.02059	-19.98	113.4	0.50	26.6	I	···	···
···	SDSS J090605.59+261705.6	09 06 05.6	+26 17 05.7	0.02095	-17.40	112.8	0.39	···	L	Y	Y
···	SDSS J090604.59+262843.1	09 06 04.6	+26 28 43.2	0.02060	-16.29	1.6	0.79	···	L	Y	Y
SDSS J095042.50+302934.2	···	09 50 42.5	+30 29 34.2	0.02916	-20.49	113.0	0.83	-104.1	E	···	···
···	SDSS J095101.50+301908.4	09 51 01.5	+30 19 08.4	0.02915	-18.11	13.9	0.35	···	I	N	Y
SDSS J084022.70+233222.8	···	08 40 22.7	+23 32 22.8	0.01211	-19.67	28.7	0.77	-63.1	L	···	···
···	SDSS J083959.82+232448.7	08 39 59.8	+23 24 48.8	0.01258	-17.26	157.2	0.42	···	L	Y	Y
SDSS J075255.22+170100.4	···	07 52 55.2	+17 01 00.4	0.02891	-19.53	133.8	0.17	-49.1	L	···	···
···	SDSS J075146.53+171229.1	07 51 46.5	+17 12 29.2	0.02833	-17.05	40.9	0.70	···	L	N	N
SDSS J145012.36+302015.4	···	14 50 12.4	+30 20 15.5	0.06309	-21.53	19.7	0.86	-92.0	E	···	···
···	SDSS J145000.43+302323.4	14 50 00.4	+30 23 23.5	0.06263	-19.02	26.9	0.49	···	L	N	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J142255.33+325102.3	···	14 22 55.3	+32 51 02.4	0.03417	-21.32	26.3	0.71	29.7	L	···	···
···	SDSS J142227.53+324911.3	14 22 27.5	+32 49 11.3	0.03402	-18.40	69.9	0.70	···	L	Y	Y
SDSS J143902.94+314331.8	···	14 39 02.9	+31 43 31.8	0.07024	-21.25	77.8	0.88	-107.8	L	···	···
···	SDSS J143832.43+314550.6	14 38 32.4	+31 45 50.6	0.06983	-19.07	157.8	0.16	···	L	N	N
SDSS J153835.31+261318.4	···	15 38 35.3	+26 13 18.4	0.06989	-21.66	163.6	0.97	30.8	L	···	···
···	SDSS J153849.31+261411.1	15 38 49.3	+26 14 11.2	0.06986	-19.48	152.8	0.70	···	L	N	Y
SDSS J154959.92+244805.7	···	15 49 59.9	+24 48 05.8	0.02354	-20.53	76.7	0.57	-111.8	E	···	···
···	SDSS J154952.50+244710.1	15 49 52.5	+24 47 10.2	0.02306	-16.35	106.6	0.56	···	L	Y	Y
···	SDSS J155040.11+244023.0	15 50 40.1	+24 40 23.1	0.02366	-16.63	29.4	0.74	···	L	Y	Y
···	SDSS J154929.09+245236.9	15 49 29.1	+24 52 37.0	0.02351	-18.36	44.4	0.67	···	L	Y	Y
SDSS J075035.02+162206.8	···	07 50 35.0	+16 22 06.9	0.01616	-20.21	102.1	0.52	-81.6	I	···	···
···	SDSS J075004.04+162144.5	07 50 04.0	+16 21 44.5	0.01635	-16.94	84.5	0.26	···	L	Y	N
···	SDSS J075010.50+160956.6	07 50 10.5	+16 09 56.7	0.01611	-16.39	108.1	0.41	···	L	Y	N
SDSS J091039.08+263136.5	···	09 10 39.1	+26 31 36.6	0.04913	-20.60	164.6	0.94	-37.6	I	···	···
···	SDSS J091038.07+262832.0	09 10 38.1	+26 28 32.0	0.04675	-18.45	111.2	0.14	···	L	N	Y
SDSS J103751.81+334850.1	···	10 37 51.8	+33 48 50.2	0.05130	-21.12	142.6	0.85	-30.9	L	···	···
···	SDSS J103712.75+335509.2	10 37 12.8	+33 55 09.3	0.05145	-18.35	148.2	0.80	···	L	N	N
SDSS J085023.59+255714.6	···	08 50 23.6	+25 57 14.7	0.02764	-20.12	31.4	0.47	-134.0	L	···	···
···	SDSS J084904.92+255131.1	08 49 04.9	+25 51 31.2	0.02759	-17.83	81.9	0.90	···	I	N	N
SDSS J091716.58+290103.8	···	09 17 16.6	+29 01 03.9	0.06361	-21.55	96.9	0.94	-106.6	L	···	···
···	SDSS J091708.35+290239.3	09 17 08.4	+29 02 39.3	0.06403	-19.35	0.1	0.85	···	L	N	Y
SDSS J102446.49+343856.2	···	10 24 46.5	+34 38 56.2	0.03721	-21.15	117.4	0.81	-39.2	I	···	···
···	SDSS J102505.93+345233.2	10 25 05.9	+34 52 33.2	0.03727	-17.58	74.2	0.89	···	L	N	N
···	SDSS J102600.29+344127.8	10 26 00.3	+34 41 27.9	0.03699	-18.30	117.8	0.41	···	L	N	N
SDSS J101908.60+344030.0	···	10 19 08.6	+34 40 30.1	0.01507	-19.26	11.9	0.49	···	L	···	···
···	SDSS J101914.08+343605.4	10 19 14.1	+34 36 05.5	0.01417	-15.67	109.0	0.98	···	L	Y	N
SDSS J105019.22+333740.9	···	10 50 19.2	+33 37 40.9	0.03481	-21.08	167.2	0.56	-5.0	E	···	···
···	SDSS J104922.81+333710.0	10 49 22.8	+33 37 10.1	0.03465	-17.28	146.2	0.84	···	L	Y	Y
SDSS J113014.82+332758.9	···	11 30 14.8	+33 27 58.9	0.04397	-20.36	124.3	0.47	18.6	L	···	···
···	SDSS J112956.18+331907.3	11 29 56.2	+33 19 07.4	0.04387	-18.35	143.9	0.21	···	L	N	N
SDSS J131155.42+331825.4	···	13 11 55.4	+33 18 25.4	0.02347	-18.93	45.1	0.87	-116.4	L	···	···
···	SDSS J131226.99+331315.4	13 12 27.0	+33 13 15.5	0.02286	-16.43	150.4	0.66	···	L	N	Y
SDSS J131259.66+341348.8	···	13 12 59.7	+34 13 48.8	0.06508	-21.04	66.3	0.85	-103.5	L	···	···
···	SDSS J131239.89+341402.8	13 12 39.9	+34 14 02.9	0.06519	-18.85	29.0	0.56	···	L	N	Y
SDSS J114859.46+350057.7	···	11 48 59.5	+35 00 57.8	0.02132	-20.86	92.6	0.63	-96.7	I	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J115017.23+343859.2	11 50 17.2	+34 38 59.3	0.02144	-17.79	149.3	0.72	···	L	N	N
···	SDSS J115018.13+351514.7	11 50 18.1	+35 15 14.7	0.02132	-18.08	137.9	0.16	···	L	N	N
SDSS J125059.54+350358.1	···	12 50 59.5	+35 03 58.2	0.03860	-20.26	91.5	0.68	-104.6	E	···	···
···	SDSS J125047.71+350603.8	12 50 47.7	+35 06 03.9	0.03872	-18.12	72.0	0.33	···	L	Y	Y
SDSS J120802.84+354246.1	···	12 08 02.8	+35 42 46.1	0.09653	-22.00	160.2	0.90	-24.7	E	···	···
···	SDSS J120801.29+354440.0	12 08 01.3	+35 44 40.1	0.09696	-19.82	129.9	0.70	···	I	N	Y
SDSS J092455.11+264628.8	···	09 24 55.1	+26 46 28.8	0.01359	-20.50	113.2	0.15	-15.3	L	···	···
···	SDSS J092312.87+262115.7	09 23 12.9	+26 21 15.7	0.01335	-15.91	6.7	0.66	···	L	N	N
SDSS J144235.36+283919.2	···	14 42 35.4	+28 39 19.2	0.04576	-20.83	87.4	0.70	13.3	E	···	···
···	SDSS J144321.59+284235.2	14 43 21.6	+28 42 35.2	0.04551	-18.64	153.2	0.51	···	L	N	N
SDSS J153339.97+242416.8	···	15 33 40.0	+24 24 16.9	0.04342	-21.46	22.3	0.93	9.0	E	···	···
···	SDSS J153339.89+242211.8	15 33 39.9	+24 22 11.9	0.04332	-17.83	167.5	0.49	···	L	N	Y
···	SDSS J153330.85+242051.4	15 33 30.9	+24 20 51.4	0.04310	-18.20	101.0	0.60	···	L	N	Y
SDSS J152433.37+254050.2	···	15 24 33.4	+25 40 50.3	0.04433	-20.88	163.4	0.78	-36.0	E	···	···
···	SDSS J152457.26+255234.5	15 24 57.3	+25 52 34.5	0.04475	-18.51	103.3	0.89	···	I	N	N
SDSS J143710.78+301918.4	···	14 37 10.8	+30 19 18.4	0.05845	-21.24	129.0	0.69	-95.4	E	···	···
···	SDSS J143747.64+301750.2	14 37 47.6	+30 17 50.2	0.05860	-18.98	76.0	0.35	···	L	Y	Y
SDSS J112824.23+333738.9	···	11 28 24.2	+33 37 39.0	0.03403	-20.18	75.5	0.65	-54.7	L	···	···
···	SDSS J112903.17+334038.2	11 29 03.2	+33 40 38.2	0.03448	-17.98	114.9	0.39	···	L	Y	Y
SDSS J075340.50+160419.0	···	07 53 40.5	+16 04 19.0	0.05360	-20.78	12.7	0.51	-44.6	I	···	···
···	SDSS J075314.85+161246.6	07 53 14.9	+16 12 46.6	0.05435	-18.37	157.2	0.28	···	L	N	N
SDSS J080708.55+180807.0	···	08 07 08.6	+18 08 07.0	0.07957	-21.95	119.3	0.61	-26.4	E	···	···
···	SDSS J080721.85+181447.1	08 07 21.9	+18 14 47.1	0.07990	-19.18	2.5	0.77	···	I	Y	Y
SDSS J130755.34+345510.0	···	13 07 55.3	+34 55 10.0	0.02370	-19.62	142.4	0.61	39.6	L	···	···
···	SDSS J130702.77+345843.1	13 07 02.8	+34 58 43.2	0.02303	-17.05	35.6	0.32	···	L	Y	Y
SDSS J131454.68+344208.6	···	13 14 54.7	+34 42 08.7	0.05275	-21.81	66.7	0.83	32.2	E	···	···
···	SDSS J131425.84+344304.4	13 14 25.8	+34 43 04.5	0.05315	-19.31	92.5	0.83	···	E	N	Y
SDSS J143850.01+302633.0	···	14 38 50.0	+30 26 33.1	0.01237	-19.27	100.4	0.42	-52.2	L	···	···
···	SDSS J143759.48+303055.2	14 37 59.5	+30 30 55.2	0.01207	-17.08	100.0	0.97	···	L	Y	Y
SDSS J153609.83+252019.8	···	15 36 09.8	+25 20 19.8	0.08922	-21.75	44.5	0.53	-119.7	I	···	···
···	SDSS J153603.81+252309.1	15 36 03.8	+25 23 09.1	0.09058	-19.56	19.0	0.69	···	E	Y	Y
SDSS J114845.25+354709.2	···	11 48 45.3	+35 47 09.2	0.06282	-21.45	1.6	0.87	27.3	L	···	···
···	SDSS J114823.03+354420.8	11 48 23.0	+35 44 20.8	0.06261	-19.00	119.8	0.32	···	L	N	Y
SDSS J150816.24+241801.8	···	15 08 16.2	+24 18 01.9	0.06529	-21.09	56.2	0.73	-60.1	E	···	···
···	SDSS J150807.62+241726.6	15 08 07.6	+24 17 26.7	0.06538	-18.86	75.9	0.34	···	L	Y	N

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J135609.01+294016.3	···	13 56 09.0	+29 40 16.4	0.03998	-20.59	66.1	0.76	-61.1	L	···	···
···	SDSS J135512.73+294159.8	13 55 12.7	+29 41 59.9	0.03984	-17.76	32.1	0.64	···	L	N	N
···	SDSS J135611.35+293551.0	13 56 11.4	+29 35 51.1	0.04043	-17.66	56.1	0.56	···	L	Y	Y
SDSS J120034.99+323952.4	···	12 00 35.0	+32 39 52.4	0.07161	-21.83	100.7	0.69	-71.1	E	···	···
···	SDSS J120036.60+324322.3	12 00 36.6	+32 43 22.3	0.07153	-19.51	77.2	0.71	···	E	Y	Y
···	SDSS J120042.79+324105.0	12 00 42.8	+32 41 05.0	0.07330	-19.08	82.5	0.85	···	I	Y	Y
SDSS J122055.03+331749.5	···	12 20 55.0	+33 17 49.6	0.06051	-21.02	62.3	0.32	34.2	L	···	···
···	SDSS J122054.11+332103.2	12 20 54.1	+33 21 03.2	0.06008	-18.76	157.8	0.21	···	L	Y	Y
SDSS J123142.75+333514.7	···	12 31 42.8	+33 35 14.7	0.03112	-20.35	15.8	0.40	21.1	L	···	···
···	SDSS J123305.29+333153.6	12 33 05.3	+33 31 53.7	0.03130	-17.66	20.2	0.24	···	L	N	N
SDSS J130541.02+331044.0	···	13 05 41.0	+33 10 44.1	0.03246	-20.83	2.8	0.93	-125.5	E	···	···
···	SDSS J130511.22+331015.1	13 05 11.2	+33 10 15.1	0.03288	-17.18	140.6	0.50	···	L	N	Y
SDSS J132604.20+301324.0	···	13 26 04.2	+30 13 24.1	0.04803	-20.87	173.0	0.88	-58.0	E	···	···
···	SDSS J132556.61+301356.3	13 25 56.6	+30 13 56.3	0.04892	-18.36	100.7	0.91	···	L	N	Y
···	SDSS J132601.06+301702.7	13 26 01.1	+30 17 02.8	0.04840	-18.23	81.8	0.52	···	L	N	Y
SDSS J111455.56+310915.4	···	11 14 55.6	+31 09 15.4	0.07628	-21.73	148.4	0.88	5.3	E	···	···
···	SDSS J111501.20+311004.0	11 15 01.2	+31 10 04.1	0.07521	-19.21	30.1	0.75	···	L	N	Y
SDSS J113729.68+321508.8	···	11 37 29.7	+32 15 08.9	0.03283	-20.77	83.1	0.65	-127.0	L	···	···
···	SDSS J113755.99+315815.8	11 37 56.0	+31 58 15.9	0.03419	-17.32	178.1	0.67	···	L	N	N
SDSS J121449.34+330111.1	···	12 14 49.3	+33 01 11.1	0.05281	-21.43	26.5	0.49	-47.6	L	···	···
···	SDSS J121442.47+330129.2	12 14 42.5	+33 01 29.3	0.05120	-18.42	109.6	0.34	···	L	Y	Y
SDSS J130124.30+324050.6	···	13 01 24.3	+32 40 50.6	0.06335	-21.05	66.4	0.80	-37.8	E	···	···
···	SDSS J130109.33+324014.7	13 01 09.3	+32 40 14.7	0.06350	-18.78	169.2	0.87	···	L	Y	Y
SDSS J125008.71+330932.9	···	12 50 08.7	+33 09 32.9	0.02361	-20.90	141.8	0.73	-14.7	L	···	···
···	SDSS J125118.31+331001.3	12 51 18.3	+33 10 01.3	0.02311	-17.09	179.9	0.76	···	L	Y	N
SDSS J130546.49+325022.2	···	13 05 46.5	+32 50 22.3	0.05211	-21.15	33.2	0.89	6.6	L	···	···
···	SDSS J130523.68+325049.6	13 05 23.7	+32 50 49.6	0.05205	-18.24	115.3	0.96	···	L	N	Y
SDSS J105550.05+312332.2	···	10 55 50.1	+31 23 32.2	0.03497	-20.64	50.7	0.31	20.3	L	···	···
···	SDSS J105517.46+312638.5	10 55 17.5	+31 26 38.6	0.03475	-17.83	17.6	0.56	···	E	Y	Y
SDSS J110339.50+315129.4	···	11 03 39.5	+31 51 29.4	0.04660	-20.63	92.5	0.27	-61.3	I	···	···
···	SDSS J110404.25+314015.1	11 04 04.3	+31 40 15.2	0.04709	-18.20	130.1	0.74	···	L	N	N
SDSS J162702.97+162256.0	···	16 27 03.0	+16 22 56.0	0.01540	-19.80	128.1	0.34	23.0	I	···	···
···	SDSS J162616.95+161912.4	16 26 17.0	+16 19 12.4	0.01299	-17.32	105.4	0.37	···	L	Y	N
SDSS J162825.26+171537.7	···	16 28 25.3	+17 15 37.7	0.08980	-21.90	114.4	0.73	-111.9	E	···	···
···	SDSS J162814.23+171954.6	16 28 14.2	+17 19 54.7	0.09002	-19.68	124.8	0.73	···	I	Y	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J160151.41+175726.9	···	16 01 51.4	+17 57 27.0	0.01470	-20.39	33.7	0.71	-6.3	E	···	···
···	SDSS J160214.72+173022.7	16 02 14.7	+17 30 22.7	0.01605	-16.48	117.4	0.39	···	L	N	N
···	SDSS J160036.66+174916.7	16 00 36.7	+17 49 16.7	0.01504	-16.14	8.2	0.63	···	L	Y	Y
SDSS J154358.89+191241.4	···	15 43 58.9	+19 12 41.5	0.02416	-20.02	149.7	0.91	22.2	E	···	···
···	SDSS J154428.60+191511.2	15 44 28.6	+19 15 11.2	0.02399	-17.98	153.6	0.34	···	L	N	N
SDSS J141316.09+270029.0	···	14 13 16.1	+27 00 29.1	0.01762	-19.90	146.7	0.42	-37.0	L	···	···
···	SDSS J141501.09+264300.6	14 15 01.1	+26 43 00.7	0.01744	-17.58	112.2	0.16	···	L	N	N
SDSS J141721.07+265126.7	···	14 17 21.1	+26 51 26.8	0.03675	-21.44	56.7	0.80	-73.0	E	···	···
···	SDSS J141710.60+270519.4	14 17 10.6	+27 05 19.5	0.03812	-18.70	36.9	0.68	···	L	Y	Y
···	SDSS J141730.91+265851.0	14 17 30.9	+26 58 51.0	0.03822	-18.44	104.7	0.84	···	I	Y	Y
SDSS J144352.27+254139.8	···	14 43 52.3	+25 41 39.8	0.07308	-21.92	52.5	0.64	26.9	E	···	···
···	SDSS J144342.82+254459.4	14 43 42.8	+25 44 59.5	0.07394	-19.19	96.5	0.78	···	E	Y	Y
···	SDSS J144335.35+253753.1	14 43 35.4	+25 37 53.1	0.07381	-19.08	41.4	0.58	···	L	Y	Y
SDSS J131956.35+300708.3	···	13 19 56.4	+30 07 08.4	0.02345	-20.03	84.9	0.76	-134.2	E	···	···
···	SDSS J131805.97+300827.5	13 18 06.0	+30 08 27.5	0.02287	-16.84	72.3	0.31	···	L	N	N
SDSS J150605.40+242327.5	···	15 06 05.4	+24 23 27.6	0.06642	-21.89	121.0	0.87	-69.3	L	···	···
···	SDSS J150601.86+242749.6	15 06 01.9	+24 27 49.7	0.06465	-18.91	175.4	0.48	···	L	N	Y
SDSS J161910.53+140801.1	···	16 19 10.5	+14 08 01.1	0.02983	-21.29	153.1	0.53	-113.6	L	···	···
···	SDSS J161942.12+135546.9	16 19 42.1	+13 55 47.0	0.02999	-17.98	94.5	0.93	···	L	N	N
···	SDSS J161957.25+142102.7	16 19 57.3	+14 21 02.8	0.02946	-16.86	88.4	0.36	···	L	N	N
SDSS J144135.68+225606.8	···	14 41 35.7	+22 56 06.8	0.03887	-21.04	71.1	0.82	-113.6	E	···	···
···	SDSS J144137.62+225729.9	14 41 37.6	+22 57 29.9	0.03857	-17.70	62.9	0.96	···	L	N	Y
SDSS J140543.16+251352.9	···	14 05 43.2	+25 13 52.9	0.02980	-20.64	78.0	0.89	-103.0	E	···	···
···	SDSS J140546.14+250953.9	14 05 46.1	+25 09 53.9	0.03157	-17.69	52.8	0.92	···	L	N	Y
SDSS J143306.36+235017.0	···	14 33 06.4	+23 50 17.1	0.07613	-21.45	98.5	0.92	11.5	E	···	···
···	SDSS J143258.22+234907.4	14 32 58.2	+23 49 07.4	0.07596	-19.14	166.0	0.54	···	L	N	Y
SDSS J145322.61+230356.5	···	14 53 22.6	+23 03 56.5	0.06336	-21.14	46.4	0.50	-44.4	I	···	···
···	SDSS J145346.23+230140.8	14 53 46.2	+23 01 40.9	0.06417	-18.74	156.4	0.24	···	L	Y	Y
SDSS J163050.13+161502.6	···	16 30 50.1	+16 15 02.7	0.03370	-20.67	128.8	0.37	18.8	L	···	···
···	SDSS J163059.62+161504.7	16 30 59.6	+16 15 04.8	0.03402	-17.75	73.6	0.71	···	L	Y	N
SDSS J141001.18+242640.8	···	14 10 01.2	+24 26 40.8	0.10418	-22.12	30.9	0.81	-20.7	E	···	···
···	SDSS J141000.12+242541.4	14 10 00.1	+24 25 41.5	0.10440	-19.81	108.2	0.73	···	I	N	N
SDSS J084243.10+193902.2	···	08 42 43.1	+19 39 02.2	0.05525	-22.26	58.0	0.71	-96.1	L	···	···
···	SDSS J084233.39+193634.4	08 42 33.4	+19 36 34.5	0.05502	-19.47	36.6	0.76	···	E	Y	Y
SDSS J095146.53+273245.8	···	09 51 46.5	+27 32 45.9	0.03317	-19.63	84.4	0.91	-101.0	L	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J095201.74+273244.1	09 52 01.7	+27 32 44.2	0.03345	-17.52	15.5	0.77	···	L	N	Y
SDSS J085240.40+212520.6	···	08 52 40.4	+21 25 20.6	0.02569	-20.94	87.2	0.83	-72.9	L	···	···
···	SDSS J085248.27+212351.4	08 52 48.3	+21 23 51.4	0.02523	-17.87	9.7	0.34	···	L	N	Y
SDSS J084824.65+181952.0	···	08 48 24.7	+18 19 52.1	0.02107	-20.36	162.6	0.81	-38.5	L	···	···
···	SDSS J084754.70+183054.0	08 47 54.7	+18 30 54.1	0.02127	-16.47	100.0	0.37	···	L	N	Y
SDSS J104912.81+274505.4	···	10 49 12.8	+27 45 05.4	0.04552	-21.06	72.0	0.32	89.9	L	···	···
···	SDSS J104913.70+274311.7	10 49 13.7	+27 43 11.8	0.04477	-18.02	35.3	0.27	···	L	Y	Y
SDSS J105716.67+283230.0	···	10 57 16.7	+28 32 30.0	0.04574	-21.14	2.3	0.72	-2.8	L	···	···
···	SDSS J105706.46+283203.0	10 57 06.5	+28 32 03.0	0.04541	-18.27	149.4	0.73	···	L	Y	Y
SDSS J084708.69+193751.7	···	08 47 08.7	+19 37 51.8	0.03119	-20.69	133.5	0.76	-109.3	E	···	···
···	SDSS J084645.97+194219.1	08 46 46.0	+19 42 19.1	0.03135	-17.62	133.6	0.22	···	L	Y	Y
SDSS J093405.18+235613.9	···	09 34 05.2	+23 56 13.9	0.08360	-21.68	3.0	0.86	-74.6	L	···	···
···	SDSS J093410.21+235318.2	09 34 10.2	+23 53 18.3	0.08353	-19.65	120.7	0.88	···	L	N	Y
SDSS J114803.35+302133.5	···	11 48 03.4	+30 21 33.6	0.02101	-21.27	67.2	0.72	-54.8	L	···	···
···	SDSS J114802.89+302624.9	11 48 02.9	+30 26 25.0	0.02115	-17.66	64.6	0.86	···	L	Y	Y
SDSS J095402.14+255737.4	···	09 54 02.1	+25 57 37.5	0.05201	-20.88	161.7	0.87	-60.3	E	···	···
···	SDSS J095438.03+255857.6	09 54 38.0	+25 58 57.7	0.05153	-18.19	130.9	0.60	···	L	N	N
SDSS J100915.61+265628.9	···	10 09 15.6	+26 56 29.0	0.04843	-20.90	114.8	0.66	-8.1	E	···	···
···	SDSS J100946.84+270618.2	10 09 46.8	+27 06 18.2	0.04858	-18.49	15.3	0.73	···	L	N	N
SDSS J114741.76+304513.6	···	11 47 41.8	+30 45 13.7	0.04044	-20.33	29.5	0.60	···	I	···	···
···	SDSS J114743.36+304816.1	11 47 43.4	+30 48 16.2	0.04119	-17.68	150.6	0.60	···	L	Y	N
···	SDSS J114752.72+304854.0	11 47 52.7	+30 48 54.1	0.04074	-17.82	62.3	0.31	···	L	Y	N
SDSS J081308.55+144352.5	···	08 13 08.6	+14 43 52.5	0.04434	-20.17	23.0	0.75	-31.2	E	···	···
···	SDSS J081324.81+144012.9	08 13 24.8	+14 40 12.9	0.04471	-17.94	127.1	0.67	···	L	Y	Y
SDSS J103238.00+263949.9	···	10 32 38.0	+26 39 49.9	0.05050	-20.55	58.5	0.78	-66.1	I	···	···
···	SDSS J103213.18+263943.2	10 32 13.2	+26 39 43.2	0.05065	-18.27	102.1	0.39	···	L	Y	Y
SDSS J112448.60+284506.9	···	11 24 48.6	+28 45 06.9	0.04841	-20.83	19.0	0.95	-58.4	L	···	···
···	SDSS J112452.33+283505.1	11 24 52.3	+28 35 05.1	0.04857	-18.35	42.5	0.51	···	L	N	N
SDSS J115247.34+291944.4	···	11 52 47.3	+29 19 44.5	0.02874	-21.01	41.3	0.52	-10.2	I	···	···
···	SDSS J115213.68+290432.6	11 52 13.7	+29 04 32.7	0.02811	-18.24	37.1	0.29	···	L	N	N
SDSS J093316.39+230805.6	···	09 33 16.4	+23 08 05.6	0.02562	-19.94	56.1	0.76	-106.2	L	···	···
···	SDSS J093306.01+231848.3	09 33 06.0	+23 18 48.3	0.02579	-16.60	144.3	0.91	···	L	Y	Y
···	SDSS J093305.98+230645.5	09 33 06.0	+23 06 45.5	0.02547	-17.87	177.5	0.78	···	L	Y	Y
SDSS J095409.38+244825.4	···	09 54 09.4	+24 48 25.5	0.06498	-21.15	163.9	0.82	-61.1	I	···	···
···	SDSS J095413.49+244818.2	09 54 13.5	+24 48 18.3	0.06556	-18.88	134.2	0.29	···	L	N	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J124250.23+294912.7	···	12 42 50.2	+29 49 12.7	0.06191	-21.13	44.9	0.69	-93.0	I	···	···
···	SDSS J124253.47+295006.3	12 42 53.5	+29 50 06.3	0.06179	-18.60	130.2	0.40	···	I	Y	Y
SDSS J124726.16+294716.0	···	12 47 26.2	+29 47 16.0	0.02248	-20.37	121.4	0.96	-41.6	L	···	···
···	SDSS J124805.94+292635.4	12 48 05.9	+29 26 35.4	0.02311	-18.33	39.3	0.76	···	L	N	N
SDSS J125348.60+293518.2	···	12 53 48.6	+29 35 18.2	0.04636	-21.29	81.6	0.87	-91.8	L	···	···
···	SDSS J125320.39+293558.4	12 53 20.4	+29 35 58.4	0.04678	-18.86	59.3	0.90	···	L	N	Y
···	SDSS J125322.47+293250.4	12 53 22.5	+29 32 50.4	0.04649	-18.59	18.5	0.85	···	E	N	Y
SDSS J094659.93+244208.2	···	09 46 59.9	+24 42 08.2	0.03403	-20.22	100.4	0.68	-62.0	L	···	···
···	SDSS J094631.31+243454.3	09 46 31.3	+24 34 54.4	0.03361	-17.62	115.8	0.86	···	L	Y	Y
SDSS J104801.05+281447.0	···	10 48 01.1	+28 14 47.0	0.02116	-20.18	19.2	0.77	-13.0	L	···	···
···	SDSS J104752.42+282257.4	10 47 52.4	+28 22 57.5	0.02111	-17.65	38.5	0.41	···	L	Y	Y
···	SDSS J104808.08+282310.2	10 48 08.1	+28 23 10.3	0.02085	-16.88	117.1	0.31	···	L	Y	Y
SDSS J120129.34+301505.9	···	12 01 29.3	+30 15 06.0	0.07184	-21.72	4.0	0.92	-27.9	E	···	···
···	SDSS J120053.35+301853.1	12 00 53.4	+30 18 53.2	0.07177	-19.23	40.6	0.92	···	L	N	Y
SDSS J113630.49+265138.8	···	11 36 30.5	+26 51 38.9	0.03327	-20.57	93.7	0.86	-110.3	L	···	···
···	SDSS J113631.74+265017.5	11 36 31.7	+26 50 17.6	0.03317	-18.32	56.9	0.81	···	L	N	Y
···	SDSS J113642.72+264337.6	11 36 42.7	+26 43 37.7	0.03324	-17.55	45.3	0.58	···	L	N	Y
SDSS J103129.98+245210.0	···	10 31 30.0	+24 52 10.0	0.02085	-20.72	11.5	0.70	-74.3	E	···	···
···	SDSS J103140.04+245046.6	10 31 40.0	+24 50 46.6	0.02064	-18.02	59.7	0.39	···	L	Y	Y
···	SDSS J103147.12+245127.7	10 31 47.1	+24 51 27.8	0.02107	-16.42	66.5	0.94	···	L	Y	Y
SDSS J123533.59+273258.6	···	12 35 33.6	+27 32 58.6	0.04985	-20.76	120.7	0.82	28.9	E	···	···
···	SDSS J123522.75+272852.1	12 35 22.8	+27 28 52.2	0.05002	-18.54	106.3	0.90	···	L	N	Y
SDSS J125958.41+271158.5	···	12 59 58.4	+27 11 58.6	0.06089	-21.67	65.7	0.81	···	E	···	···
···	SDSS J130002.35+270859.2	13 00 02.4	+27 08 59.2	0.06202	-18.86	161.9	0.48	···	L	N	N
SDSS J122018.54+275513.3	···	12 20 18.5	+27 55 13.4	0.04948	-21.04	60.1	0.63	-59.4	L	···	···
···	SDSS J122019.38+275622.9	12 20 19.4	+27 56 23.0	0.04968	-18.49	78.1	0.53	···	L	Y	Y
SDSS J112615.75+275201.6	···	11 26 15.8	+27 52 01.7	0.02401	-20.15	179.7	0.88	-87.4	L	···	···
···	SDSS J112615.83+275357.6	11 26 15.8	+27 53 57.7	0.02356	-17.17	87.2	0.91	···	L	N	Y
···	SDSS J112608.06+275435.9	11 26 08.1	+27 54 36.0	0.02425	-16.51	101.3	0.71	···	L	N	Y
···	SDSS J112702.12+280431.3	11 27 02.1	+28 04 31.4	0.02374	-17.10	66.0	0.65	···	L	N	Y
SDSS J104758.16+251004.2	···	10 47 58.2	+25 10 04.2	0.06469	-21.05	138.7	0.89	89.8	I	···	···
···	SDSS J104812.60+251716.5	10 48 12.6	+25 17 16.6	0.06506	-18.83	25.5	0.91	···	L	N	N
SDSS J093457.60+214218.9	···	09 34 57.6	+21 42 19.0	0.01244	-20.02	18.3	0.62	25.5	L	···	···
···	SDSS J093506.31+213739.6	09 35 06.3	+21 37 39.6	0.01207	-17.34	76.3	0.24	···	L	Y	N
···	SDSS J093714.75+214657.2	09 37 14.8	+21 46 57.3	0.01350	-16.67	35.5	0.91	···	L	Y	N

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J104916.34+262212.4	···	10 49 16.3	+26 22 12.4	0.06354	-21.61	37.3	0.87	17.3	E	···	···
···	SDSS J104929.95+263055.3	10 49 30.0	+26 30 55.3	0.06348	-18.99	28.9	0.73	···	L	N	Y
SDSS J111028.61+273209.9	···	11 10 28.6	+27 32 10.0	0.06447	-21.50	121.0	0.73	-71.5	E	···	···
···	SDSS J111024.22+273322.6	11 10 24.2	+27 33 22.7	0.06367	-18.95	77.2	0.77	···	L	Y	Y
···	SDSS J111040.65+273735.9	11 10 40.7	+27 37 36.0	0.06420	-18.63	83.1	0.68	···	L	Y	Y
SDSS J122642.39+263517.7	···	12 26 42.4	+26 35 17.7	0.07453	-21.51	153.7	0.73	-57.9	E	···	···
···	SDSS J122626.99+263245.9	12 26 27.0	+26 32 45.9	0.07544	-19.12	77.4	0.58	···	L	Y	Y
SDSS J122500.47+283330.9	···	12 25 00.5	+28 33 31.0	0.03020	-21.74	10.6	0.73	34.3	L	···	···
···	SDSS J122535.22+282654.8	12 25 35.2	+28 26 54.8	0.03046	-17.11	147.0	0.34	···	L	Y	Y
···	SDSS J122405.23+281832.1	12 24 05.2	+28 18 32.1	0.03058	-19.60	23.8	0.70	···	E	N	N
SDSS J131901.33+275330.1	···	13 19 01.3	+27 53 30.2	0.03487	-19.95	143.9	0.57	-30.8	L	···	···
···	SDSS J131828.56+275449.9	13 18 28.6	+27 54 49.9	0.03453	-17.40	86.5	0.64	···	L	Y	Y
SDSS J091342.73+165918.3	···	09 13 42.7	+16 59 18.4	0.08858	-21.75	74.2	0.73	39.0	L	···	···
···	SDSS J091318.55+165558.9	09 13 18.6	+16 55 58.9	0.08888	-19.67	107.9	0.36	···	L	N	N
SDSS J095016.55+200324.3	···	09 50 16.6	+20 03 24.3	0.06970	-21.25	13.5	0.89	24.5	E	···	···
···	SDSS J095002.66+195808.0	09 50 02.7	+19 58 08.0	0.06989	-19.06	46.3	0.58	···	I	N	Y
SDSS J101633.27+220527.9	···	10 16 33.3	+22 05 28.0	0.04125	-21.89	103.2	0.83	-69.0	E	···	···
···	SDSS J101548.21+215947.0	10 15 48.2	+21 59 47.0	0.04032	-17.80	78.0	0.48	···	L	N	Y
···	SDSS J101548.77+220827.3	10 15 48.8	+22 08 27.3	0.04118	-17.99	175.1	0.49	···	I	N	Y
···	SDSS J101644.20+220707.4	10 16 44.2	+22 07 07.5	0.04157	-17.86	160.3	0.77	···	I	N	Y
SDSS J095820.58+180808.2	···	09 58 20.6	+18 08 08.2	0.10907	-22.18	178.9	0.95	-63.0	I	···	···
···	SDSS J095828.00+180640.7	09 58 28.0	+18 06 40.7	0.10843	-19.90	116.8	0.54	···	I	N	Y
SDSS J114733.26+233719.6	···	11 47 33.3	+23 37 19.7	0.03268	-20.38	73.5	0.45	-95.8	I	···	···
···	SDSS J114717.41+234114.4	11 47 17.4	+23 41 14.4	0.03211	-18.14	161.3	0.33	···	L	Y	Y
SDSS J110851.88+231746.8	···	11 08 51.9	+23 17 46.9	0.06799	-21.82	134.3	0.71	0.3	L	···	···
···	SDSS J110840.15+231753.8	11 08 40.2	+23 17 53.8	0.06757	-19.35	174.1	0.90	···	L	Y	Y
SDSS J115311.13+252615.4	···	11 53 11.1	+25 26 15.4	0.04438	-21.51	125.5	0.69	-87.1	L	···	···
···	SDSS J115317.58+252433.2	11 53 17.6	+25 24 33.2	0.04496	-18.43	146.7	0.70	···	L	Y	Y
SDSS J115033.41+175129.1	···	11 50 33.4	+17 51 29.1	0.02133	-19.71	31.5	0.95	-10.2	E	···	···
···	SDSS J115200.80+174456.8	11 52 00.8	+17 44 56.9	0.02223	-17.33	143.3	0.71	···	L	N	N
SDSS J110434.47+160342.4	···	11 04 34.5	+16 03 42.5	0.02099	-20.79	119.6	0.76	-99.8	E	···	···
···	SDSS J110458.36+161039.9	11 04 58.4	+16 10 40.0	0.02045	-16.73	165.2	0.36	···	L	Y	Y
SDSS J110606.51+160653.4	···	11 06 06.5	+16 06 53.4	0.04516	-20.25	106.9	0.36	-51.4	I	···	···
···	SDSS J110538.21+161145.6	11 05 38.2	+16 11 45.7	0.04527	-18.14	12.5	0.66	···	L	Y	Y
SDSS J111116.71+163538.2	···	11 11 16.7	+16 35 38.2	0.08609	-21.65	87.7	0.55	-97.5	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J111108.44+163525.6	11 11 08.4	+16 35 25.6	0.08831	-19.50	93.1	0.47	···	I	Y	Y
SDSS J104724.57+163046.5	···	10 47 24.6	+16 30 46.5	0.05724	-21.33	74.8	0.52	37.9	I	···	···
···	SDSS J104646.87+163552.5	10 46 46.9	+16 35 52.5	0.05644	-19.02	52.5	0.29	···	I	Y	Y
SDSS J083739.39+120158.7	···	08 37 39.4	+12 01 58.7	0.04667	-21.12	6.4	0.48	-55.2	L	···	···
···	SDSS J083818.48+120404.4	08 38 18.5	+12 04 04.5	0.04679	-18.23	3.8	0.57	···	I	N	N
···	SDSS J083705.15+120516.8	08 37 05.2	+12 05 16.8	0.04653	-18.55	78.6	0.39	···	L	N	N
SDSS J084559.54+123711.6	···	08 45 59.5	+12 37 11.7	0.01374	-19.76	73.4	0.90	-113.3	L	···	···
···	SDSS J084646.97+130950.3	08 46 47.0	+13 09 50.4	0.01415	-16.52	121.1	0.28	···	L	N	N
SDSS J090250.92+133250.3	···	09 02 50.9	+13 32 50.3	0.06760	-21.39	120.5	0.53	-86.2	I	···	···
···	SDSS J090257.24+133814.7	09 02 57.2	+13 38 14.8	0.06740	-19.01	88.4	0.97	···	I	Y	Y
SDSS J144325.42+585315.5	···	14 43 25.4	+58 53 15.6	0.03909	-20.35	25.3	0.67	-98.1	L	···	···
···	SDSS J144326.76+585421.1	14 43 26.8	+58 54 21.2	0.03873	-17.90	91.8	0.41	···	L	Y	Y
SDSS J151006.40+562221.3	···	15 10 06.4	+56 22 21.3	0.04430	-20.84	80.8	0.62	-91.2	L	···	···
···	SDSS J150920.85+561300.2	15 09 20.9	+56 13 00.3	0.04570	-17.91	41.4	0.39	···	L	N	N
SDSS J135814.87+621247.8	···	13 58 14.9	+62 12 47.9	0.07165	-21.19	159.4	0.97	-126.9	L	···	···
···	SDSS J135739.70+621649.4	13 57 39.7	+62 16 49.5	0.07200	-19.02	77.6	0.79	···	I	N	Y
SDSS J153310.22+541344.1	···	15 33 10.2	+54 13 44.1	0.02933	-19.20	88.8	0.64	-56.0	L	···	···
···	SDSS J153253.64+541501.7	15 32 53.6	+54 15 01.7	0.02981	-17.19	132.0	0.49	···	L	Y	Y
SDSS J165510.53+365422.7	···	16 55 10.5	+36 54 22.7	0.02360	-19.80	78.4	0.32	-79.7	I	···	···
···	SDSS J165521.59+365246.5	16 55 21.6	+36 52 46.5	0.02359	-16.41	5.5	0.53	···	L	Y	N
SDSS J165959.37+360144.7	···	16 59 59.4	+36 01 44.7	0.05736	-21.34	127.0	0.77	···	I	···	···
···	SDSS J165957.92+355909.1	16 59 57.9	+35 59 09.1	0.05738	-19.13	135.8	0.74	···	I	Y	N
SDSS J104158.60+585926.9	···	10 41 58.6	+58 59 27.0	0.04545	-20.62	40.4	0.87	-66.0	E	···	···
···	SDSS J104305.67+585650.4	10 43 05.7	+58 56 50.4	0.04614	-18.49	128.3	0.55	···	L	N	Y
SDSS J104941.29+601735.9	···	10 49 41.3	+60 17 35.9	0.04452	-20.38	162.0	0.65	-84.6	L	···	···
···	SDSS J105105.39+602246.0	10 51 05.4	+60 22 46.1	0.04546	-18.19	4.6	0.83	···	L	N	N
SDSS J120314.38+620645.4	···	12 03 14.4	+62 06 45.5	0.05007	-21.26	···	···	-46.4	E	···	···
···	SDSS J120319.05+621002.3	12 03 19.1	+62 10 02.4	0.05020	-18.73	123.3	0.76	···	L	N	N
SDSS J111632.71+614553.0	···	11 16 32.7	+61 45 53.0	0.09568	-22.26	2.5	0.97	···	E	···	···
···	SDSS J111654.81+614020.2	11 16 54.8	+61 40 20.2	0.09476	-19.57	47.2	0.82	···	I	N	N
···	SDSS J111627.13+615122.6	11 16 27.1	+61 51 22.7	0.09518	-19.69	65.6	0.58	···	L	N	N
SDSS J113606.64+621456.9	···	11 36 06.6	+62 14 57.0	0.03276	-21.03	7.2	0.50	-15.5	L	···	···
···	SDSS J113543.62+621527.5	11 35 43.6	+62 15 27.6	0.03355	-18.29	84.1	0.50	···	L	Y	N
···	SDSS J113343.99+622140.3	11 33 44.0	+62 21 40.4	0.03286	-17.56	129.0	0.32	···	L	N	N
SDSS J091325.89+525852.7	···	09 13 25.9	+52 58 52.8	0.02527	-21.02	147.4	0.57	-70.8	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J091444.98+525632.5	09 14 45.0	+52 56 32.5	0.02524	-18.59	171.6	0.74	···	L	Y	Y
···	SDSS J091428.74+530520.6	09 14 28.7	+53 05 20.6	0.02487	-16.60	13.1	0.83	···	L	Y	Y
SDSS J093011.75+555108.7	···	09 30 11.8	+55 51 08.7	0.02517	-20.49	···	···	89.9	E	···	···
···	SDSS J092956.36+553917.1	09 29 56.4	+55 39 17.2	0.02543	-17.89	18.0	0.39	···	L	N	Y
···	SDSS J092948.11+554642.2	09 29 48.1	+55 46 42.3	0.02572	-17.31	105.3	0.74	···	L	N	Y
SDSS J093050.48+024858.0	···	09 30 50.5	+02 48 58.0	0.05157	-20.52	7.4	0.93	-51.7	E	···	···
···	SDSS J093055.03+024847.0	09 30 55.0	+02 48 47.0	0.05231	-18.25	153.3	0.93	···	L	N	Y
SDSS J100057.24+030830.5	···	10 00 57.2	+03 08 30.6	0.02927	-20.46	160.7	0.46	-110.6	L	···	···
···	SDSS J100212.13+030311.6	10 02 12.1	+03 03 11.7	0.02991	-17.94	151.3	0.19	···	L	N	N
···	SDSS J100153.18+031603.4	10 01 53.2	+03 16 03.4	0.02939	-16.94	17.1	0.51	···	L	N	N
SDSS J105158.03+034731.4	···	10 51 58.0	+03 47 31.4	0.01211	-19.88	···	···	-74.3	E	···	···
···	SDSS J105206.61+035411.8	10 52 06.6	+03 54 11.9	0.01267	-16.27	152.1	0.36	···	L	N	Y
SDSS J105821.38+033925.9	···	10 58 21.4	+03 39 25.9	0.05671	-21.47	79.8	0.79	18.7	E	···	···
···	SDSS J105816.73+034026.3	10 58 16.7	+03 40 26.4	0.05781	-18.93	61.3	0.96	···	I	Y	Y
SDSS J102641.80+035142.9	···	10 26 41.8	+03 51 42.9	0.00721	-18.26	93.9	0.39	-74.8	L	···	···
···	SDSS J102848.07+041405.0	10 28 48.1	+04 14 05.1	0.00714	-15.87	161.8	0.65	···	L	Y	N
SDSS J103818.11+035616.7	···	10 38 18.1	+03 56 16.8	0.04365	-20.88	40.3	0.72	-80.5	E	···	···
···	SDSS J103829.12+040250.4	10 38 29.1	+04 02 50.4	0.04406	-18.88	89.8	0.96	···	L	Y	Y
SDSS J085516.14+030208.9	···	08 55 16.1	+03 02 09.0	0.05837	-20.90	152.2	0.22	4.7	I	···	···
···	SDSS J085522.47+031202.4	08 55 22.5	+03 12 02.4	0.05871	-18.76	122.8	0.23	···	L	N	N
SDSS J093858.49+040940.5	···	09 38 58.5	+04 09 40.6	0.04626	-20.20	3.0	0.92	-102.4	E	···	···
···	SDSS J093913.28+035812.6	09 39 13.3	+03 58 12.7	0.04548	-18.01	116.4	0.88	···	L	N	N
SDSS J102251.01+044556.8	···	10 22 51.0	+04 45 56.8	0.06395	-22.10	12.3	0.71	-20.6	L	···	···
···	SDSS J102301.94+044759.2	10 23 01.9	+04 47 59.2	0.06362	-18.98	78.1	0.84	···	L	Y	Y
SDSS J103807.09+045339.6	···	10 38 07.1	+04 53 39.7	0.02209	-19.69	126.7	0.53	-69.3	L	···	···
···	SDSS J103752.97+044847.3	10 37 53.0	+04 48 47.4	0.02106	-16.39	152.0	0.81	···	L	Y	Y
SDSS J095035.07+044623.2	···	09 50 35.1	+04 46 23.3	0.03026	-20.70	46.4	0.69	-22.0	I	···	···
···	SDSS J094934.80+045412.3	09 49 34.8	+04 54 12.4	0.02985	-17.57	131.0	0.53	···	L	N	N
SDSS J113440.90+043134.8	···	11 34 40.9	+04 31 34.8	0.10021	-22.19	57.8	0.84	-84.2	E	···	···
···	SDSS J113431.19+043213.8	11 34 31.2	+04 32 13.8	0.09852	-19.92	111.1	0.62	···	I	N	Y
SDSS J114325.68+050142.3	···	11 43 25.7	+05 01 42.4	0.07528	-21.44	41.1	0.38	13.0	L	···	···
···	SDSS J114354.95+050426.3	11 43 55.0	+05 04 26.4	0.07414	-19.33	77.8	0.62	···	L	N	N
SDSS J120305.09+051028.9	···	12 03 05.1	+05 10 28.9	0.03862	-21.10	100.3	0.41	-57.1	I	···	···
···	SDSS J120250.86+050905.4	12 02 50.9	+05 09 05.4	0.03809	-18.34	71.4	0.30	···	L	Y	Y
SDSS J125356.64+050155.5	···	12 53 56.6	+05 01 55.6	0.06492	-21.74	149.4	0.70	-134.8	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J125416.70+045943.3	12 54 16.7	+04 59 43.4	0.06498	-19.10	34.8	0.55	···	L	Y	Y
SDSS J113446.79+053035.0	···	11 34 46.8	+05 30 35.1	0.06780	-21.39	19.7	0.98	-69.2	L	···	···
···	SDSS J113449.30+053013.1	11 34 49.3	+05 30 13.2	0.06656	-19.19	122.2	0.58	···	L	N	Y
SDSS J115604.82+053110.2	···	11 56 04.8	+05 31 10.2	0.08253	-22.21	170.8	0.95	-92.3	L	···	···
···	SDSS J115556.18+053401.6	11 55 56.2	+05 34 01.7	0.08201	-20.00	126.1	0.85	···	I	N	Y
SDSS J134631.58+051234.9	···	13 46 31.6	+05 12 35.0	0.03096	-19.71	93.7	0.89	15.4	L	···	···
···	SDSS J134638.91+045811.7	13 46 38.9	+04 58 11.8	0.03111	-17.58	170.2	0.64	···	L	N	N
SDSS J111430.78+054333.4	···	11 14 30.8	+05 43 33.4	0.04829	-20.76	8.9	0.68	-47.1	I	···	···
···	SDSS J111408.27+054431.6	11 14 08.3	+05 44 31.6	0.04833	-18.10	77.3	0.33	···	L	Y	Y
SDSS J160906.34+464016.2	···	16 09 06.3	+46 40 16.3	0.05454	-21.64	3.9	0.87	-58.7	E	···	···
···	SDSS J160832.87+464535.3	16 08 32.9	+46 45 35.4	0.05516	-19.41	120.2	0.49	···	L	N	Y
···	SDSS J160859.78+464226.4	16 08 59.8	+46 42 26.4	0.05548	-18.35	139.7	0.62	···	L	N	Y
SDSS J121243.03+615815.0	···	12 12 43.0	+61 58 15.1	0.04965	-21.49	27.1	0.56	36.4	E	···	···
···	SDSS J121249.17+620107.9	12 12 49.2	+62 01 08.0	0.04895	-19.16	177.6	0.62	···	L	Y	Y
SDSS J144850.44+574615.1	···	14 48 50.4	+57 46 15.1	0.04352	-20.98	15.8	0.84	-106.1	E	···	···
···	SDSS J144809.25+573733.8	14 48 09.3	+57 37 33.8	0.04356	-18.31	2.7	0.53	···	L	N	N
SDSS J125146.20+610813.5	···	12 51 46.2	+61 08 13.5	0.03778	-19.93	91.0	0.91	7.5	L	···	···
···	SDSS J125122.03+605625.2	12 51 22.0	+60 56 25.2	0.03755	-17.51	120.3	0.40	···	L	N	N
SDSS J124521.58+614139.9	···	12 45 21.6	+61 41 39.9	0.05852	-21.46	172.6	0.83	3.8	L	···	···
···	SDSS J124622.94+614651.0	12 46 22.9	+61 46 51.0	0.06024	-19.18	163.4	0.71	···	L	N	N
SDSS J133809.97+601622.8	···	13 38 10.0	+60 16 22.8	0.03358	-21.19	109.3	0.74	28.9	E	···	···
···	SDSS J133653.03+601943.6	13 36 53.0	+60 19 43.6	0.03402	-17.49	4.2	0.58	···	L	Y	Y
···	SDSS J133921.81+601734.4	13 39 21.8	+60 17 34.5	0.03297	-17.91	166.7	0.40	···	L	Y	Y
SDSS J152759.35+514040.5	···	15 27 59.4	+51 40 40.6	0.05119	-21.24	39.6	0.34	-89.2	L	···	···
···	SDSS J152747.26+513853.2	15 27 47.3	+51 38 53.3	0.05197	-18.91	40.8	0.79	···	L	Y	Y
SDSS J115654.47+513148.2	···	11 56 54.5	+51 31 48.3	0.03143	-19.97	51.9	0.97	15.0	I	···	···
···	SDSS J115535.14+513439.1	11 55 35.1	+51 34 39.1	0.03112	-17.77	67.2	0.32	···	L	N	N
SDSS J080119.53+291045.7	···	08 01 19.5	+29 10 45.7	0.04116	-21.12	13.9	0.84	31.2	E	···	···
···	SDSS J080103.57+291827.2	08 01 03.6	+29 18 27.2	0.04143	-17.60	21.3	0.33	···	L	N	Y
SDSS J111746.47+512835.7	···	11 17 46.5	+51 28 35.7	0.00958	-19.01	126.0	0.72	-2.8	L	···	···
···	SDSS J111226.91+513812.4	11 12 26.9	+51 38 12.4	0.00943	-15.78	1.5	0.67	···	L	N	N
SDSS J125007.09+525100.3	···	12 50 07.1	+52 51 00.4	0.03309	-21.37	6.2	0.71	-71.6	E	···	···
···	SDSS J125015.81+523605.2	12 50 15.8	+52 36 05.3	0.03338	-17.37	157.9	0.78	···	L	Y	Y
···	SDSS J125124.78+525326.5	12 51 24.8	+52 53 26.6	0.03421	-18.34	101.4	0.75	···	L	Y	Y
···	SDSS J125009.46+524200.2	12 50 09.5	+52 42 00.2	0.03273	-18.41	37.7	0.61	···	L	Y	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J013314.93-003813.0	···	01 33 14.9	-00 38 13.1	0.05135	-21.17	19.8	0.76	-106.8	E	···	···
···	SDSS J013314.05-003626.7	01 33 14.1	-00 36 26.7	0.05223	-18.82	130.1	0.37	···	L	Y	N
SDSS J021941.12-001520.3	···	02 19 41.1	-00 15 20.3	0.02578	-20.34	7.4	0.55	-108.1	L	···	···
···	SDSS J021934.92-002432.1	02 19 34.9	-00 24 32.2	0.02590	-16.81	3.9	0.59	···	L	Y	N
SDSS J012830.30+000014.4	···	01 28 30.3	+00 00 14.5	0.02639	-19.60	121.7	0.76	-117.1	L	···	···
···	SDSS J012917.83+001017.3	01 29 17.8	+00 10 17.3	0.02566	-16.92	140.4	0.79	···	L	N	N
SDSS J234334.78+003404.1	···	23 43 34.8	+00 34 04.1	0.08261	-21.89	179.1	0.58	···	E	···	···
···	SDSS J234336.60+003804.4	23 43 36.6	+00 38 04.4	0.08303	-19.48	93.7	0.28	···	I	Y	N
SDSS J095528.88+383827.1	···	09 55 28.9	+38 38 27.1	0.06121	-21.52	46.3	0.79	-114.0	E	···	···
···	SDSS J095521.08+383825.0	09 55 21.1	+38 38 25.0	0.06017	-18.97	81.2	0.96	···	I	Y	Y
SDSS J100749.15+394417.5	···	10 07 49.2	+39 44 17.5	0.08085	-22.04	139.2	0.65	-49.8	E	···	···
···	SDSS J100753.06+394355.9	10 07 53.1	+39 43 56.0	0.08164	-19.62	58.5	0.39	···	I	Y	Y
···	SDSS J100802.33+394229.7	10 08 02.3	+39 42 29.7	0.08046	-19.32	54.6	0.87	···	I	Y	Y
SDSS J100202.38+403055.1	···	10 02 02.4	+40 30 55.2	0.06629	-21.42	45.7	0.71	-269.7	E	···	···
···	SDSS J100131.24+403359.6	10 01 31.2	+40 33 59.7	0.06761	-19.10	156.1	0.83	···	L	Y	Y
SDSS J085027.64+290603.6	···	08 50 27.6	+29 06 03.6	0.04935	-20.37	117.5	0.89	-17.1	E	···	···
···	SDSS J085032.36+290544.2	08 50 32.4	+29 05 44.2	0.04934	-18.11	162.3	0.82	···	I	N	Y
SDSS J104633.16+395858.4	···	10 46 33.2	+39 58 58.4	0.03003	-20.24	83.3	0.89	-128.7	E	···	···
···	SDSS J104608.96+394401.6	10 46 09.0	+39 44 01.7	0.03010	-16.99	179.9	0.27	···	L	N	N
SDSS J112405.88+454839.8	···	11 24 05.9	+45 48 39.9	0.01875	-19.82	177.0	0.82	-38.7	L	···	···
···	SDSS J112355.26+455447.8	11 23 55.3	+45 54 47.8	0.01807	-16.71	85.6	0.61	···	L	N	Y
···	SDSS J112322.01+454516.3	11 23 22.0	+45 45 16.3	0.02019	-16.71	167.1	0.41	···	L	N	Y
SDSS J120528.81+464647.0	···	12 05 28.8	+46 46 47.1	0.03126	-20.04	166.8	0.35	-98.3	L	···	···
···	SDSS J120543.96+465547.7	12 05 44.0	+46 55 47.8	0.03127	-17.91	115.3	0.95	···	L	Y	Y
SDSS J113448.29+465923.7	···	11 34 48.3	+46 59 23.8	0.03293	-20.88	102.1	0.45	9.0	I	···	···
···	SDSS J113457.47+465318.6	11 34 57.5	+46 53 18.7	0.03360	-17.75	175.0	0.66	···	E	Y	N
···	SDSS J113507.50+464613.0	11 35 07.5	+46 46 13.1	0.03233	-18.35	142.9	0.49	···	I	N	N
SDSS J123810.22+473247.3	···	12 38 10.2	+47 32 47.4	0.06054	-21.75	20.7	0.71	-70.8	E	···	···
···	SDSS J123758.03+472647.2	12 37 58.0	+47 26 47.2	0.06004	-18.85	78.8	0.18	···	L	Y	Y
SDSS J110454.84+465830.3	···	11 04 54.8	+46 58 30.4	0.07958	-21.87	90.1	0.87	-41.9	E	···	···
···	SDSS J110514.01+470431.0	11 05 14.0	+47 04 31.0	0.07928	-19.42	35.8	0.70	···	L	N	Y
SDSS J123232.50+482819.9	···	12 32 32.5	+48 28 20.0	0.06117	-21.71	162.1	0.61	-58.9	I	···	···
···	SDSS J123236.98+482719.2	12 32 37.0	+48 27 19.3	0.06038	-18.84	56.8	0.32	···	L	Y	Y
SDSS J120918.54+112548.7	···	12 09 18.5	+11 25 48.8	0.06301	-21.20	165.2	0.91	-120.8	L	···	···
···	SDSS J120914.00+113042.9	12 09 14.0	+11 30 42.9	0.06296	-19.10	167.3	0.49	···	L	N	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J111636.13+111202.3	···	11 16 36.1	+11 12 02.4	0.04661	-20.85	56.4	0.79	-2.0	E	···	···
···	SDSS J111636.49+111103.0	11 16 36.5	+11 11 03.0	0.04690	-18.47	29.3	0.78	···	E	Y	N
···	SDSS J111714.98+110930.4	11 17 15.0	+11 09 30.5	0.04693	-18.16	137.2	0.97	···	L	N	N
SDSS J130115.55+120416.5	···	13 01 15.6	+12 04 16.6	0.07849	-21.55	95.2	0.86	-47.5	E	···	···
···	SDSS J130113.17+120307.1	13 01 13.2	+12 03 07.2	0.07902	-19.29	67.5	0.44	···	L	N	Y
SDSS J100401.75+384035.4	···	10 04 01.8	+38 40 35.4	0.04759	-21.05	117.1	0.34	-51.4	I	···	···
···	SDSS J100335.47+383715.3	10 03 35.5	+38 37 15.3	0.04736	-17.96	98.8	0.84	···	L	Y	Y
SDSS J113021.11+432421.1	···	11 30 21.1	+43 24 21.2	0.04446	-20.56	83.8	0.91	0.0	E	···	···
···	SDSS J112954.22+432717.2	11 29 54.2	+43 27 17.3	0.04420	-17.89	35.6	0.86	···	E	N	Y
···	SDSS J113023.34+432533.5	11 30 23.3	+43 25 33.5	0.04457	-17.82	30.6	0.97	···	I	N	Y
SDSS J125448.95+440920.1	···	12 54 49.0	+44 09 20.1	0.05434	-21.65	105.7	0.34	33.6	I	···	···
···	SDSS J125408.83+440134.5	12 54 08.8	+44 01 34.5	0.05436	-19.40	89.7	0.72	···	L	Y	Y
SDSS J110604.55+431951.9	···	11 06 04.6	+43 19 51.9	0.01072	-18.45	111.5	0.41	26.1	L	···	···
···	SDSS J110242.31+432824.9	11 02 42.3	+43 28 24.9	0.01117	-14.90	39.3	0.84	···	L	N	N
SDSS J142229.24+403931.8	···	14 22 29.2	+40 39 31.9	0.07339	-21.24	61.8	0.90	-6.8	E	···	···
···	SDSS J142221.55+403304.2	14 22 21.6	+40 33 04.2	0.07364	-19.10	66.7	0.45	···	L	N	Y
SDSS J151200.17+363907.0	···	15 12 00.2	+36 39 07.1	0.06569	-22.20	67.8	0.83	-73.1	E	···	···
···	SDSS J151152.15+364224.6	15 11 52.2	+36 42 24.6	0.06547	-19.30	0.9	0.82	···	I	N	Y
SDSS J154629.99+320702.1	···	15 46 30.0	+32 07 02.2	0.03196	-20.76	18.2	0.46	-23.7	L	···	···
···	SDSS J154624.49+320529.8	15 46 24.5	+32 05 29.9	0.03194	-17.42	23.2	0.92	···	I	Y	Y
SDSS J105853.34+420016.6	···	10 58 53.3	+42 00 16.7	0.04802	-20.35	16.5	0.51	···	L	···	···
···	SDSS J105854.10+420252.5	10 58 54.1	+42 02 52.6	0.04794	-18.27	116.2	0.77	···	L	Y	N
SDSS J123225.88+441101.1	···	12 32 25.9	+44 11 01.1	0.03076	-20.39	54.7	0.98	-83.4	L	···	···
···	SDSS J123310.23+440438.6	12 33 10.2	+44 04 38.7	0.03063	-17.54	169.7	0.63	···	L	N	Y
SDSS J125942.00+434511.5	···	12 59 42.0	+43 45 11.5	0.05784	-21.63	40.2	0.61	-129.5	L	···	···
···	SDSS J125926.33+434506.4	12 59 26.3	+43 45 06.5	0.05751	-19.01	33.9	0.49	···	L	Y	Y
SDSS J113605.44+441406.3	···	11 36 05.4	+44 14 06.3	0.07015	-21.73	93.4	0.55	-118.1	E	···	···
···	SDSS J113630.00+441337.4	11 36 30.0	+44 13 37.5	0.06932	-18.89	96.9	0.25	···	L	Y	Y
SDSS J120611.03+450857.0	···	12 06 11.0	+45 08 57.1	0.06675	-21.08	13.7	0.67	-51.5	E	···	···
···	SDSS J120547.15+451315.3	12 05 47.2	+45 13 15.3	0.06650	-18.93	73.7	0.92	···	I	Y	Y
SDSS J151313.53+360911.2	···	15 13 13.5	+36 09 11.2	0.07471	-21.38	116.4	0.65	-111.3	L	···	···
···	SDSS J151322.20+360851.6	15 13 22.2	+36 08 51.7	0.07398	-19.22	80.7	0.24	···	L	Y	N
SDSS J120351.44+452133.4	···	12 03 51.4	+45 21 33.4	0.06718	-21.89	106.1	0.68	-66.2	E	···	···
···	SDSS J120319.11+452328.0	12 03 19.1	+45 23 28.0	0.06777	-19.64	124.8	0.63	···	E	Y	Y
SDSS J153724.73+334020.4	···	15 37 24.7	+33 40 20.5	0.03184	-20.55	86.9	0.92	-68.1	L	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J153731.51+334025.1	15 37 31.5	+33 40 25.1	0.03172	-17.37	41.8	0.68	···	I	N	Y
···	SDSS J153741.23+334120.8	15 37 41.2	+33 41 20.9	0.03197	-17.35	148.8	0.80	···	L	N	Y
SDSS J090100.09+103701.7	···	09 01 00.1	+10 37 01.8	0.02950	-21.40	64.1	0.85	-33.1	E	···	···
···	SDSS J090205.10+103756.5	09 02 05.1	+10 37 56.6	0.02926	-17.69	119.2	0.78	···	L	N	Y
SDSS J104011.80+102041.2	···	10 40 11.8	+10 20 41.2	0.03641	-20.86	24.6	0.52	-105.4	L	···	···
···	SDSS J104116.07+101758.0	10 41 16.1	+10 17 58.1	0.03619	-17.62	27.6	0.53	···	L	N	N
SDSS J133235.18+105537.8	···	13 32 35.2	+10 55 37.8	0.07808	-21.95	31.0	0.80	-21.6	E	···	···
···	SDSS J133232.91+105011.7	13 32 32.9	+10 50 11.8	0.07781	-19.45	96.2	0.42	···	L	N	Y
SDSS J105322.36+111050.4	···	10 53 22.4	+11 10 50.4	0.04302	-21.12	170.4	0.67	···	E	···	···
···	SDSS J105246.78+111136.6	10 52 46.8	+11 11 36.6	0.04255	-18.11	33.7	0.53	···	L	Y	N
SDSS J105930.98+111117.4	···	10 59 31.0	+11 11 17.4	0.09321	-21.89	74.5	0.88	-33.2	E	···	···
···	SDSS J105908.40+110952.0	10 59 08.4	+11 09 52.0	0.09330	-19.83	5.9	0.84	···	I	N	Y
SDSS J133019.15+113042.5	···	13 30 19.2	+11 30 42.5	0.03779	-21.22	···	···	-71.8	E	···	···
···	SDSS J133100.15+112918.0	13 31 00.2	+11 29 18.0	0.03692	-18.46	36.8	0.26	···	L	N	Y
SDSS J155005.67+071107.6	···	15 50 05.7	+07 11 07.6	0.03364	-20.16	19.3	0.47	-40.2	L	···	···
···	SDSS J155032.58+071451.0	15 50 32.6	+07 14 51.1	0.03336	-17.28	107.2	0.34	···	L	Y	Y
SDSS J135451.62+112044.2	···	13 54 51.6	+11 20 44.2	0.06433	-21.33	147.0	0.64	26.6	L	···	···
···	SDSS J135422.57+112352.0	13 54 22.6	+11 23 52.1	0.06373	-19.02	42.7	0.39	···	L	N	N
SDSS J140950.27+105740.2	···	14 09 50.3	+10 57 40.3	0.05972	-21.51	7.0	0.32	-104.2	L	···	···
···	SDSS J141000.67+105536.1	14 10 00.7	+10 55 36.2	0.05933	-19.05	33.4	0.65	···	L	Y	Y
SDSS J142938.51+103502.6	···	14 29 38.5	+10 35 02.7	0.03396	-20.59	49.6	0.37	-59.5	L	···	···
···	SDSS J142845.00+103049.6	14 28 45.0	+10 30 49.7	0.03426	-18.39	116.3	0.41	···	L	N	N
SDSS J101145.34+112046.6	···	10 11 45.3	+11 20 46.7	0.05411	-21.08	22.0	0.79	-124.5	L	···	···
···	SDSS J101149.43+111723.8	10 11 49.4	+11 17 23.8	0.05368	-18.66	78.7	0.69	···	L	Y	Y
SDSS J105100.31+121714.5	···	10 51 00.3	+12 17 14.6	0.03564	-20.81	161.7	0.76	-43.9	L	···	···
···	SDSS J105050.46+121903.1	10 50 50.5	+12 19 03.1	0.03487	-17.72	117.8	0.38	···	L	Y	Y
···	SDSS J105135.05+121602.6	10 51 35.1	+12 16 02.7	0.03326	-17.22	46.2	0.60	···	L	Y	Y
SDSS J113704.29+125535.7	···	11 37 04.3	+12 55 35.7	0.03456	-21.04	112.8	0.77	-15.4	E	···	···
···	SDSS J113648.57+125239.8	11 36 48.6	+12 52 39.8	0.03448	-18.00	34.7	0.75	···	L	Y	Y
SDSS J143053.53+111411.9	···	14 30 53.5	+11 14 11.9	0.04929	-20.74	108.0	0.47	34.3	I	···	···
···	SDSS J143101.39+110835.3	14 31 01.4	+11 08 35.4	0.04945	-18.12	111.9	0.88	···	L	Y	Y
SDSS J104210.90+122954.0	···	10 42 10.9	+12 29 54.1	0.03265	-19.83	74.2	0.32	-26.4	L	···	···
···	SDSS J104250.69+122850.6	10 42 50.7	+12 28 50.6	0.03260	-17.56	1.7	0.42	···	L	Y	Y
SDSS J143441.74+475616.0	···	14 34 41.7	+47 56 16.1	0.02693	-20.70	114.0	0.97	-46.4	E	···	···
···	SDSS J143436.10+475352.6	14 34 36.1	+47 53 52.6	0.02769	-17.60	119.9	0.99	···	L	N	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J130235.73+411924.1	···	13 02 35.7	+41 19 24.1	0.02752	-20.09	147.6	0.82	-45.2	E	···	···
···	SDSS J130223.01+411709.1	13 02 23.0	+41 17 09.1	0.02732	-17.60	75.5	0.30	···	L	N	N
SDSS J133535.16+400640.0	···	13 35 35.2	+40 06 40.0	0.05420	-21.53	166.6	0.85	6.8	E	···	···
···	SDSS J133541.68+400552.5	13 35 41.7	+40 05 52.5	0.05431	-18.86	29.1	0.96	···	L	N	Y
SDSS J120849.90+421455.3	···	12 08 49.9	+42 14 55.3	0.03744	-21.28	143.4	0.62	-100.1	E	···	···
···	SDSS J120859.43+420621.4	12 08 59.4	+42 06 21.5	0.03881	-18.00	165.8	0.30	···	L	Y	Y
SDSS J133038.10+405355.4	···	13 30 38.1	+40 53 55.4	0.05461	-21.41	21.6	0.80	-104.3	E	···	···
···	SDSS J133054.46+405735.0	13 30 54.5	+40 57 35.0	0.05466	-18.82	176.3	0.53	···	L	Y	Y
SDSS J124828.74+421751.6	···	12 48 28.7	+42 17 51.7	0.05368	-21.26	89.9	0.76	-96.5	E	···	···
···	SDSS J124858.89+421947.8	12 48 58.9	+42 19 47.8	0.05362	-18.73	129.1	0.26	···	L	Y	Y
SDSS J131042.01+421704.6	···	13 10 42.0	+42 17 04.7	0.03961	-20.74	46.4	0.67	-36.4	E	···	···
···	SDSS J131031.75+421630.4	13 10 31.8	+42 16 30.4	0.03962	-18.03	176.4	0.94	···	E	Y	Y
SDSS J135117.86+070647.6	···	13 51 17.9	+07 06 47.6	0.08220	-21.55	14.5	0.78	-20.1	E	···	···
···	SDSS J135119.06+070914.8	13 51 19.1	+07 09 14.8	0.08167	-19.24	159.5	0.76	···	L	Y	Y
SDSS J130914.94+083154.1	···	13 09 14.9	+08 31 54.2	0.02394	-20.28	15.1	0.40	-50.7	I	···	···
···	SDSS J130918.61+083008.6	13 09 18.6	+08 30 08.6	0.02412	-16.84	179.4	0.28	···	L	Y	N
SDSS J132809.71+402009.6	···	13 28 09.7	+40 20 09.6	0.06310	-21.76	131.6	0.92	-69.3	E	···	···
···	SDSS J132725.19+401605.4	13 27 25.2	+40 16 05.4	0.06280	-18.90	80.7	0.92	···	L	N	Y
···	SDSS J132845.77+401716.9	13 28 45.8	+40 17 17.0	0.06322	-19.43	124.0	0.60	···	L	N	Y
SDSS J120925.27+415521.3	···	12 09 25.3	+41 55 21.4	0.07489	-21.52	122.7	0.75	-0.7	E	···	···
···	SDSS J120851.52+415624.3	12 08 51.5	+41 56 24.3	0.07482	-19.44	64.5	0.68	···	I	Y	Y
SDSS J121835.70+420050.1	···	12 18 35.7	+42 00 50.2	0.04722	-21.06	68.2	0.55	30.8	L	···	···
···	SDSS J121810.42+415835.6	12 18 10.4	+41 58 35.7	0.04691	-18.33	82.2	0.49	···	I	Y	Y
SDSS J122815.90+420050.5	···	12 28 15.9	+42 00 50.6	0.03822	-20.24	149.3	0.55	-130.2	L	···	···
···	SDSS J122801.50+420302.6	12 28 01.5	+42 03 02.6	0.03834	-17.47	79.1	0.39	···	L	Y	Y
SDSS J142304.39+380832.3	···	14 23 04.4	+38 08 32.4	0.03389	-20.70	49.9	0.92	-44.4	L	···	···
···	SDSS J142246.53+380855.2	14 22 46.5	+38 08 55.2	0.03391	-18.34	141.9	0.34	···	L	N	Y
SDSS J133510.03+411118.1	···	13 35 10.0	+41 11 18.1	0.03612	-21.00	112.7	0.75	-61.7	E	···	···
···	SDSS J133416.55+412039.8	13 34 16.6	+41 20 39.9	0.03529	-18.10	127.0	0.97	···	L	N	N
···	SDSS J133428.41+411202.3	13 34 28.4	+41 12 02.4	0.03611	-17.71	170.3	0.44	···	L	Y	Y
···	SDSS J133508.15+411322.1	13 35 08.2	+41 13 22.1	0.03593	-17.39	24.4	0.86	···	I	Y	Y
SDSS J133248.70+415218.5	···	13 32 48.7	+41 52 18.6	0.02708	-20.99	130.8	0.85	-7.2	L	···	···
···	SDSS J133235.53+414717.2	13 32 35.5	+41 47 17.3	0.02737	-17.23	122.0	0.66	···	L	N	N
···	SDSS J133321.82+420844.7	13 33 21.8	+42 08 44.8	0.02695	-18.46	100.9	0.55	···	L	N	N
SDSS J123857.50+433303.1	···	12 38 57.5	+43 33 03.2	0.05800	-21.24	97.9	0.61	···	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J123903.30+433050.8	12 39 03.3	+43 30 50.9	0.05841	-18.45	4.8	0.36	···	L	Y	N
SDSS J131928.85+375600.5	···	13 19 28.9	+37 56 00.5	0.10691	-22.34	67.2	0.58	-63.7	E	···	···
···	SDSS J131920.29+375523.9	13 19 20.3	+37 55 24.0	0.10818	-20.27	40.2	0.77	···	L	Y	Y
SDSS J091130.89+284935.7	···	09 11 30.9	+28 49 35.7	0.03391	-21.17	167.3	0.89	-88.1	E	···	···
···	SDSS J091049.62+285353.9	09 10 49.6	+28 53 54.0	0.03581	-18.43	37.3	0.28	···	L	N	Y
···	SDSS J091118.75+285108.9	09 11 18.8	+28 51 09.0	0.03405	-17.47	100.2	0.26	···	L	N	Y
SDSS J134834.66+370647.9	···	13 48 34.7	+37 06 47.9	0.03427	-21.50	91.6	0.87	-115.3	E	···	···
···	SDSS J134900.47+371736.2	13 49 00.5	+37 17 36.3	0.03409	-17.68	65.7	0.55	···	L	N	Y
SDSS J135612.21+364656.2	···	13 56 12.2	+36 46 56.2	0.06274	-21.41	163.1	0.82	-39.4	E	···	···
···	SDSS J135624.51+365538.3	13 56 24.5	+36 55 38.3	0.06187	-18.99	124.5	0.76	···	E	N	Y
···	SDSS J135635.23+364108.9	13 56 35.2	+36 41 09.0	0.06178	-18.68	159.4	0.62	···	L	N	Y
SDSS J151008.84+315316.1	···	15 10 08.8	+31 53 16.2	0.03051	-20.91	178.8	0.67	-82.2	E	···	···
···	SDSS J151034.31+313618.5	15 10 34.3	+31 36 18.6	0.03061	-17.70	42.6	0.90	···	L	N	N
SDSS J152424.18+301638.8	···	15 24 24.2	+30 16 38.8	0.03119	-20.37	90.2	0.23	-43.4	I	···	···
···	SDSS J152431.83+303357.8	15 24 31.8	+30 33 57.8	0.03351	-17.38	148.4	0.48	···	L	N	N
···	SDSS J152415.91+301543.4	15 24 15.9	+30 15 43.4	0.03171	-17.14	46.8	0.80	···	L	Y	Y
···	SDSS J152431.88+302049.7	15 24 31.9	+30 20 49.8	0.03050	-17.37	8.1	0.26	···	L	Y	Y
SDSS J160435.60+251123.7	···	16 04 35.6	+25 11 23.7	0.03185	-20.62	21.9	0.43	-5.8	L	···	···
···	SDSS J160407.41+252824.1	16 04 07.4	+25 28 24.1	0.03329	-17.83	84.0	0.96	···	L	N	N
SDSS J162358.79+222336.1	···	16 23 58.8	+22 23 36.1	0.03708	-20.78	174.0	0.91	-56.4	L	···	···
···	SDSS J162326.21+222908.6	16 23 26.2	+22 29 08.6	0.03761	-18.10	45.1	0.84	···	L	N	Y
SDSS J085857.78+285406.0	···	08 58 57.8	+28 54 06.0	0.04252	-20.60	115.2	0.52	-94.3	L	···	···
···	SDSS J085852.67+285508.2	08 58 52.7	+28 55 08.2	0.04242	-18.06	89.0	0.72	···	L	Y	Y
SDSS J095515.72+343512.3	···	09 55 15.7	+34 35 12.3	0.05153	-21.00	147.3	0.55	-45.7	I	···	···
···	SDSS J095530.63+343702.4	09 55 30.6	+34 37 02.4	0.05136	-18.98	115.7	0.60	···	L	Y	Y
SDSS J102843.91+370530.5	···	10 28 43.9	+37 05 30.5	0.04553	-20.90	60.2	0.66	-61.0	I	···	···
···	SDSS J102904.38+371756.4	10 29 04.4	+37 17 56.5	0.04499	-17.94	56.0	0.87	···	L	N	N
SDSS J121102.94+402830.3	···	12 11 02.9	+40 28 30.3	0.03716	-20.09	94.7	0.65	41.9	I	···	···
···	SDSS J121000.84+402034.1	12 10 00.8	+40 20 34.1	0.03711	-18.01	168.5	0.65	···	L	N	N
SDSS J140210.15+374323.5	···	14 02 10.2	+37 43 23.6	0.06060	-20.82	11.9	0.89	-87.7	E	···	···
···	SDSS J140220.79+374723.0	14 02 20.8	+37 47 23.0	0.06099	-18.68	17.8	0.32	···	L	N	Y
SDSS J144534.28+344159.4	···	14 45 34.3	+34 41 59.4	0.07049	-21.61	32.6	0.77	-3.7	E	···	···
···	SDSS J144544.27+344349.7	14 45 44.3	+34 43 49.8	0.06977	-18.91	63.7	0.30	···	L	Y	Y
SDSS J095941.21+352334.1	···	09 59 41.2	+35 23 34.1	0.01715	-19.92	···	···	-21.1	L	···	···
···	SDSS J100000.54+352106.8	10 00 00.5	+35 21 06.9	0.01709	-16.97	71.1	0.47	···	L	N	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J122139.17+405056.1	···	12 21 39.2	+40 50 56.2	0.02300	-20.85	2.0	0.76	-59.6	I	···	···
···	SDSS J122226.45+404542.0	12 22 26.5	+40 45 42.1	0.02293	-16.56	68.1	0.80	···	L	Y	Y
···	SDSS J122208.52+411248.0	12 22 08.5	+41 12 48.0	0.02295	-17.79	53.7	0.93	···	L	N	N
SDSS J140245.36+380357.6	···	14 02 45.4	+38 03 57.6	0.06448	-21.55	64.2	0.59	21.3	L	···	···
···	SDSS J140248.79+380955.4	14 02 48.8	+38 09 55.5	0.06512	-18.83	45.6	0.49	···	L	Y	Y
SDSS J142510.00+363227.6	···	14 25 10.0	+36 32 27.6	0.04866	-20.40	5.6	0.69	-0.1	L	···	···
···	SDSS J142514.14+362834.5	14 25 14.1	+36 28 34.5	0.04840	-18.05	86.8	0.26	···	L	Y	Y
SDSS J130420.89+094451.7	···	13 04 20.9	+09 44 51.8	0.05432	-20.76	17.5	0.69	-43.2	E	···	···
···	SDSS J130406.85+094355.3	13 04 06.9	+09 43 55.3	0.05426	-18.58	41.1	0.68	···	L	Y	Y
SDSS J144412.18+075658.7	···	14 44 12.2	+07 56 58.7	0.02773	-21.08	48.5	0.37	14.2	I	···	···
···	SDSS J144351.31+075203.2	14 43 51.3	+07 52 03.3	0.02790	-18.70	1.8	0.68	···	L	Y	N
···	SDSS J144352.89+075429.6	14 43 52.9	+07 54 29.6	0.02763	-17.28	100.1	0.37	···	L	Y	N
···	SDSS J144437.69+080025.3	14 44 37.7	+08 00 25.4	0.02781	-17.01	143.7	0.90	···	L	Y	N
SDSS J150411.78+072723.1	···	15 04 11.8	+07 27 23.2	0.05565	-21.89	···	···	-23.4	E	···	···
···	SDSS J150428.44+072519.2	15 04 28.4	+07 25 19.3	0.05577	-19.35	159.9	0.76	···	E	N	Y
SDSS J142044.08+085902.3	···	14 20 44.1	+08 59 02.4	0.02937	-20.05	114.9	0.85	38.0	E	···	···
···	SDSS J142031.60+085904.6	14 20 31.6	+08 59 04.6	0.02879	-17.71	57.2	0.67	···	E	N	N
SDSS J125911.09+103006.0	···	12 59 11.1	+10 30 06.0	0.04600	-20.62	43.7	0.90	-2.1	E	···	···
···	SDSS J125945.00+102158.9	12 59 45.0	+10 21 58.9	0.04695	-18.16	43.8	0.46	···	L	N	N
SDSS J125842.03+103659.4	···	12 58 42.0	+10 36 59.4	0.03606	-20.90	7.1	0.84	···	I	···	···
···	SDSS J125834.18+103931.8	12 58 34.2	+10 39 31.8	0.03613	-17.63	54.5	0.59	···	L	N	N
SDSS J142644.70+091045.3	···	14 26 44.7	+09 10 45.3	0.05504	-21.36	65.4	0.93	-89.3	E	···	···
···	SDSS J142648.13+091117.9	14 26 48.1	+09 11 18.0	0.05544	-19.01	0.7	0.67	···	L	N	Y
SDSS J131918.98+510736.2	···	13 19 19.0	+51 07 36.3	0.02947	-20.22	162.3	0.60	-131.9	L	···	···
···	SDSS J132107.67+510142.3	13 21 07.7	+51 01 42.3	0.02949	-17.75	6.8	0.63	···	L	N	N
SDSS J134237.01+500742.9	···	13 42 37.0	+50 07 42.9	0.02840	-19.60	101.6	0.59	18.9	L	···	···
···	SDSS J134422.59+495755.7	13 44 22.6	+49 57 55.7	0.02883	-16.93	0.5	0.35	···	L	N	N
SDSS J153739.83+393041.9	···	15 37 39.8	+39 30 42.0	0.05522	-20.65	117.1	0.81	7.7	E	···	···
···	SDSS J153739.19+392345.1	15 37 39.2	+39 23 45.1	0.05482	-18.40	174.4	0.61	···	L	N	Y
SDSS J155402.10+371017.3	···	15 54 02.1	+37 10 17.3	0.05755	-21.64	0.4	0.63	41.3	E	···	···
···	SDSS J155324.37+371618.3	15 53 24.4	+37 16 18.4	0.05729	-19.05	127.6	0.63	···	E	Y	Y
SDSS J145835.99+445301.0	···	14 58 36.0	+44 53 01.0	0.03614	-21.54	···	···	-51.8	L	···	···
···	SDSS J145806.62+445841.8	14 58 06.6	+44 58 41.9	0.03570	-17.92	55.3	0.64	···	L	N	Y
···	SDSS J145913.46+444641.9	14 59 13.5	+44 46 42.0	0.03792	-17.97	81.0	0.82	···	L	N	Y
···	SDSS J145903.71+444625.6	14 59 03.7	+44 46 25.7	0.03757	-17.71	30.8	0.62	···	L	N	Y

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
SDSS J162428.94+322938.1	···	16 24 28.9	+32 29 38.2	0.03114	-19.81	126.1	0.60	-51.1	L	···	···
···	SDSS J162454.09+323149.5	16 24 54.1	+32 31 49.6	0.03232	-17.08	89.4	0.22	···	L	Y	Y
SDSS J145324.60+462907.8	···	14 53 24.6	+46 29 07.9	0.03115	-19.89	81.7	0.82	26.1	L	···	···
···	SDSS J145317.21+462038.9	14 53 17.2	+46 20 38.9	0.03090	-17.74	148.3	0.35	···	L	N	Y
SDSS J152837.93+422631.2	···	15 28 37.9	+42 26 31.3	0.07511	-21.60	109.0	0.87	-131.9	I	···	···
···	SDSS J152852.52+422527.3	15 28 52.5	+42 25 27.4	0.07511	-18.99	51.7	0.84	···	L	N	Y
SDSS J160240.55+372134.1	···	16 02 40.6	+37 21 34.2	0.03128	-21.57	55.3	0.87	14.7	L	···	···
···	SDSS J160212.21+371910.9	16 02 12.2	+37 19 11.0	0.03133	-18.03	164.1	0.77	···	L	N	Y
SDSS J160640.18+300556.6	···	16 06 40.2	+30 05 56.7	0.02194	-20.95	139.4	0.55	-126.3	I	···	···
···	SDSS J160555.02+301507.0	16 05 55.0	+30 15 07.1	0.02137	-16.50	115.4	0.36	···	L	Y	Y
···	SDSS J160720.22+302846.5	16 07 20.2	+30 28 46.5	0.02187	-18.52	42.0	0.48	···	L	N	N
SDSS J160709.30+303105.4	···	16 07 09.3	+30 31 05.5	0.04774	-21.47	175.6	0.92	-47.7	E	···	···
···	SDSS J160738.37+303605.5	16 07 38.4	+30 36 05.5	0.04872	-18.19	157.9	0.81	···	I	N	Y
···	SDSS J160707.50+303200.5	16 07 07.5	+30 32 00.6	0.04815	-18.43	27.3	0.77	···	L	N	Y
SDSS J164404.23+232351.8	···	16 44 04.2	+23 23 51.9	0.03188	-20.21	12.9	0.93	-46.4	I	···	···
···	SDSS J164309.87+232441.2	16 43 09.9	+23 24 41.3	0.03433	-17.33	80.8	0.45	···	L	N	Y
···	SDSS J164412.09+233728.8	16 44 12.1	+23 37 28.9	0.03181	-17.48	90.8	0.83	···	L	N	N
SDSS J165922.65+204947.4	···	16 59 22.7	+20 49 47.5	0.04511	-21.10	24.8	0.49	···	I	···	···
···	SDSS J165957.17+205611.3	16 59 57.2	+20 56 11.3	0.04511	-18.69	21.0	0.49	···	L	N	N
···	SDSS J165956.75+204257.0	16 59 56.8	+20 42 57.0	0.04522	-17.94	46.4	0.84	···	L	N	N
SDSS J153057.27+364823.5	···	15 30 57.3	+36 48 23.6	0.04538	-20.84	4.0	0.39	-64.4	L	···	···
···	SDSS J153046.15+365523.3	15 30 46.2	+36 55 23.3	0.04528	-18.21	131.9	0.39	···	L	Y	Y
SDSS J160802.84+313038.3	···	16 08 02.8	+31 30 38.4	0.09543	-21.86	98.0	0.71	3.7	E	···	···
···	SDSS J160803.46+313112.9	16 08 03.5	+31 31 13.0	0.09766	-19.84	73.0	0.73	···	I	Y	Y
SDSS J151454.08+420047.3	···	15 14 54.1	+42 00 47.3	0.13483	-22.83	38.6	0.78	-114.2	E	···	···
···	SDSS J151435.84+415834.0	15 14 35.8	+41 58 34.0	0.13523	-20.78	50.5	0.74	···	E	Y	Y
SDSS J150100.74+443450.1	···	15 01 00.7	+44 34 50.2	0.08685	-21.89	84.4	0.93	-2.7	E	···	···
···	SDSS J150057.56+442947.1	15 00 57.6	+44 29 47.2	0.08704	-19.36	68.2	0.89	···	L	N	Y
SDSS J161718.91+330459.4	···	16 17 18.9	+33 04 59.4	0.06103	-21.20	117.0	0.91	-130.8	E	···	···
···	SDSS J161717.69+330342.1	16 17 17.7	+33 03 42.2	0.06151	-18.59	14.8	0.88	···	L	N	Y
SDSS J162123.20+322056.4	···	16 21 23.2	+32 20 56.4	0.03467	-20.30	96.4	0.68	43.2	L	···	···
···	SDSS J162054.52+321411.8	16 20 54.5	+32 14 11.9	0.03498	-17.31	86.0	0.41	···	L	Y	Y
SDSS J153255.63+420418.2	···	15 32 55.6	+42 04 18.3	0.05643	-20.96	140.4	0.60	-69.6	E	···	···
···	SDSS J153302.29+415931.6	15 33 02.3	+41 59 31.6	0.05594	-18.87	60.8	0.34	···	L	Y	Y
SDSS J085156.67+165641.3	···	08 51 56.7	+16 56 41.3	0.02852	-21.26	75.5	0.90	10.0	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J085048.86+170917.2	08 50 48.9	+17 09 17.2	0.02885	-16.88	37.2	0.39	···	L	N	Y
SDSS J094627.69+212946.0	···	09 46 27.7	+21 29 46.1	0.06949	-21.74	67.2	0.72	···	E	···	···
···	SDSS J094628.69+212402.4	09 46 28.7	+21 24 02.5	0.06962	-19.15	127.1	0.84	···	L	Y	N
SDSS J102432.06+241413.1	···	10 24 32.1	+24 14 13.1	0.02082	-19.63	179.7	0.93	-35.9	L	···	···
···	SDSS J102425.95+242428.0	10 24 26.0	+24 24 28.0	0.02095	-17.62	0.9	0.27	···	L	N	Y
SDSS J085437.61+180813.5	···	08 54 37.6	+18 08 13.6	0.05400	-20.74	67.9	0.63	-75.4	E	···	···
···	SDSS J085432.20+180957.2	08 54 32.2	+18 09 57.2	0.05395	-18.35	48.4	0.24	···	L	Y	Y
SDSS J102253.59+243623.0	···	10 22 53.6	+24 36 23.1	0.04629	-21.20	127.4	0.82	-16.9	E	···	···
···	SDSS J102314.70+244339.9	10 23 14.7	+24 43 39.9	0.04594	-18.20	79.8	0.81	···	L	N	Y
SDSS J090717.74+164418.2	···	09 07 17.7	+16 44 18.2	0.05226	-21.53	79.1	0.64	-24.4	E	···	···
···	SDSS J090720.56+164008.8	09 07 20.6	+16 40 08.9	0.05242	-19.38	173.7	0.57	···	I	Y	Y
SDSS J092615.27+183257.1	···	09 26 15.3	+18 32 57.1	0.05158	-20.90	124.2	0.97	-28.0	L	···	···
···	SDSS J092655.85+183115.3	09 26 55.9	+18 31 15.3	0.05374	-18.29	83.6	0.85	···	L	N	N
SDSS J105034.09+484136.4	···	10 50 34.1	+48 41 36.4	0.02806	-20.10	176.8	0.92	-6.1	L	···	···
···	SDSS J105107.46+484401.7	10 51 07.5	+48 44 01.8	0.02840	-16.97	87.9	0.98	···	L	N	Y
SDSS J102757.23+431905.8	···	10 27 57.2	+43 19 05.9	0.10578	-22.26	154.0	0.72	-14.4	E	···	···
···	SDSS J102754.24+431703.1	10 27 54.2	+43 17 03.2	0.10516	-20.18	59.0	0.88	···	E	Y	Y
SDSS J084051.14+315853.4	···	08 40 51.1	+31 58 53.5	0.04699	-20.82	177.8	0.64	-124.7	E	···	···
···	SDSS J084038.61+315407.1	08 40 38.6	+31 54 07.2	0.04749	-18.48	38.6	0.21	···	L	Y	Y
SDSS J084924.81+332221.7	···	08 49 24.8	+33 22 21.8	0.06624	-21.74	43.6	0.67	-28.3	E	···	···
···	SDSS J084901.48+331822.6	08 49 01.5	+33 18 22.7	0.06695	-18.74	60.7	0.55	···	I	Y	Y
···	SDSS J084857.12+332042.0	08 48 57.1	+33 20 42.1	0.06573	-18.85	33.3	0.70	···	E	Y	Y
SDSS J095204.02+405129.4	···	09 52 04.0	+40 51 29.5	0.01677	-19.68	175.3	0.57	-16.8	L	···	···
···	SDSS J095234.25+412207.1	09 52 34.3	+41 22 07.1	0.01677	-15.72	85.4	0.77	···	L	N	N
SDSS J080320.11+254841.0	···	08 03 20.1	+25 48 41.1	0.05952	-21.47	102.2	0.70	14.5	L	···	···
···	SDSS J080337.77+255124.7	08 03 37.8	+25 51 24.8	0.05947	-19.42	74.1	0.61	···	L	Y	N
SDSS J084153.05+325205.2	···	08 41 53.1	+32 52 05.3	0.02574	-20.53	37.5	0.46	26.1	L	···	···
···	SDSS J084131.78+325931.7	08 41 31.8	+32 59 31.8	0.02573	-17.37	153.2	0.47	···	L	Y	Y
SDSS J090547.33+364643.2	···	09 05 47.3	+36 46 43.2	0.05793	-21.32	87.6	0.94	16.7	L	···	···
···	SDSS J090545.35+363810.7	09 05 45.4	+36 38 10.8	0.05785	-19.24	34.3	0.40	···	L	N	N
SDSS J091153.60+372413.3	···	09 11 53.6	+37 24 13.4	0.10428	-22.46	81.9	0.60	-72.2	E	···	···
···	SDSS J091133.37+372157.2	09 11 33.4	+37 21 57.3	0.10340	-19.90	47.4	0.57	···	L	Y	Y
SDSS J110832.07+472010.8	···	11 08 32.1	+47 20 10.8	0.03582	-20.82	63.2	0.37	-11.9	L	···	···
···	SDSS J110833.19+472955.2	11 08 33.2	+47 29 55.2	0.03562	-17.77	95.3	0.80	···	L	Y	Y
SDSS J112417.33+475051.0	···	11 24 17.3	+47 50 51.1	0.03368	-21.28	121.0	0.90	-129.2	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J112435.70+473650.4	11 24 35.7	+47 36 50.4	0.03346	-17.92	96.1	0.30	···	L	N	Y
···	SDSS J112453.98+473936.0	11 24 54.0	+47 39 36.1	0.03352	-18.23	164.3	0.67	···	L	N	Y
SDSS J113030.57+475808.7	···	11 30 30.6	+47 58 08.7	0.04886	-20.79	145.4	0.44	19.8	L	···	···
···	SDSS J113021.39+480620.3	11 30 21.4	+48 06 20.4	0.04916	-18.09	154.8	0.62	···	L	Y	Y
SDSS J145138.88+403557.0	···	14 51 38.9	+40 35 57.1	0.01627	-20.76	38.2	0.49	-119.2	I	···	···
···	SDSS J145055.54+403125.7	14 50 55.5	+40 31 25.8	0.01628	-15.63	61.5	0.86	···	L	Y	Y
SDSS J123933.60+473723.7	···	12 39 33.6	+47 37 23.8	0.02424	-20.37	76.4	0.39	-105.7	L	···	···
···	SDSS J123803.70+473432.4	12 38 03.7	+47 34 32.5	0.02442	-16.48	169.2	0.49	···	L	Y	Y
···	SDSS J123900.89+474404.6	12 39 00.9	+47 44 04.6	0.02417	-16.96	43.6	0.22	···	L	Y	Y
SDSS J133929.67+463349.7	···	13 39 29.7	+46 33 49.7	0.03727	-21.21	20.7	0.82	-113.4	I	···	···
···	SDSS J134042.78+463550.6	13 40 42.8	+46 35 50.7	0.03761	-18.20	95.6	0.85	···	L	N	Y
SDSS J101648.72-005101.3	···	10 16 48.7	-00 51 01.4	0.09841	-21.94	113.6	0.91	-95.4	E	···	···
···	SDSS J101631.66-005335.4	10 16 31.7	-00 53 35.5	0.09602	-19.61	122.6	0.65	···	L	N	Y
SDSS J120935.23-005444.8	···	12 09 35.2	-00 54 44.9	0.05989	-21.21	123.3	0.86	···	E	···	···
···	SDSS J120954.56-010223.4	12 09 54.6	-01 02 23.5	0.05959	-18.91	179.1	0.39	···	L	N	N
SDSS J132505.36-005411.2	···	13 25 05.4	-00 54 11.2	0.01815	-19.26	141.8	0.62	-133.0	E	···	···
···	SDSS J132640.47-003719.6	13 26 40.5	-00 37 19.7	0.01728	-16.85	80.6	0.21	···	L	N	N
SDSS J133538.77-005512.1	···	13 35 38.8	-00 55 12.2	0.07182	-21.65	46.7	0.91	-69.9	L	···	···
···	SDSS J133529.16-005605.6	13 35 29.2	-00 56 05.7	0.07221	-19.07	108.1	0.66	···	L	N	Y
···	SDSS J133531.41-005034.1	13 35 31.4	-00 50 34.2	0.07223	-19.01	131.6	0.27	···	L	N	Y
SDSS J142731.51-005520.7	···	14 27 31.5	-00 55 20.8	0.03036	-20.72	93.6	0.80	22.1	E	···	···
···	SDSS J142721.54-004742.1	14 27 21.5	-00 47 42.1	0.03014	-17.36	38.4	0.89	···	L	Y	Y
···	SDSS J142641.90-010857.3	14 26 41.9	-01 08 57.4	0.03066	-17.51	162.5	0.90	···	L	N	N
···	SDSS J142755.37-010029.4	14 27 55.4	-01 00 29.5	0.02948	-18.22	16.9	0.71	···	L	Y	Y
SDSS J145042.55-005232.9	···	14 50 42.6	-00 52 32.9	0.02658	-20.56	125.0	0.92	-5.9	E	···	···
···	SDSS J144958.19-003752.8	14 49 58.2	-00 37 52.9	0.02649	-17.15	103.1	0.65	···	L	N	N
SDSS J102654.58-003229.3	···	10 26 54.6	-00 32 29.4	0.03463	-20.41	174.9	0.89	-111.7	E	···	···
···	SDSS J102703.77-003510.7	10 27 03.8	-00 35 10.8	0.03403	-18.34	105.4	0.74	···	L	N	Y
SDSS J105206.77-003338.8	···	10 52 06.8	-00 33 38.8	0.01850	-20.62	55.5	0.33	88.8	I	···	···
···	SDSS J105320.75-003622.9	10 53 20.8	-00 36 23.0	0.01854	-18.18	142.1	0.39	···	L	Y	N
SDSS J150008.03-003511.0	···	15 00 08.0	-00 35 11.0	0.04027	-20.64	138.6	0.85	24.9	L	···	···
···	SDSS J150037.57-002711.2	15 00 37.6	-00 27 11.3	0.04079	-17.79	169.5	0.89	···	L	N	N
SDSS J094552.53-000534.2	···	09 45 52.5	-00 05 34.2	0.06252	-21.83	94.9	0.53	-117.2	I	···	···
···	SDSS J094544.09-000620.3	09 45 44.1	-00 06 20.4	0.06243	-18.88	132.0	0.42	···	I	Y	Y
SDSS J085109.79+001512.9	···	08 51 09.8	+00 15 12.9	0.04090	-21.20	20.9	0.76	42.6	E	···	···

Table 4—Continued

Primary name[a]	Satellite name[b]	RA[c]	dec[d]	z[e]	$^{0.1}M_r$[f]	PA[g]	b/a[h]	LSS PA[i]	Class[j]	Disc sample?[k]	LSS sample?[l]
···	SDSS J085034.18+001252.4	08 50 34.2	+00 12 52.4	0.04146	-18.17	161.3	0.47	···	L	Y	N
SDSS J103657.37+001347.0	···	10 36 57.4	+00 13 47.1	0.02921	-20.79	85.8	0.62	-86.7	L	···	···
···	SDSS J103622.44+000438.7	10 36 22.4	+00 04 38.8	0.02922	-18.23	97.0	0.23	···	L	Y	Y
SDSS J112736.73+002342.7	···	11 27 36.7	+00 23 42.8	0.04907	-21.07	6.6	0.68	-26.1	L	···	···
···	SDSS J112734.99+002431.6	11 27 35.0	+00 24 31.7	0.04946	-18.33	3.7	0.51	···	L	Y	Y
SDSS J132123.09+002032.6	···	13 21 23.1	+00 20 32.7	0.01855	-20.40	167.7	0.45	-54.0	I	···	···
···	SDSS J132136.06+003422.8	13 21 36.1	+00 34 22.9	0.02012	-17.43	51.2	0.96	···	L	Y	Y
SDSS J110731.60+004659.1	···	11 07 31.6	+00 46 59.2	0.03949	-21.84	24.2	0.69	-56.0	L	···	···
···	SDSS J110749.23+004439.7	11 07 49.2	+00 44 39.8	0.03907	-19.11	52.8	0.20	···	L	Y	Y
SDSS J110946.24+004849.3	···	11 09 46.2	+00 48 49.4	0.06296	-21.61	138.6	0.93	-28.4	I	···	···
···	SDSS J110948.67+004815.7	11 09 48.7	+00 48 15.8	0.06302	-18.76	157.9	0.88	···	L	N	Y
SDSS J144003.86+004132.7	···	14 40 03.9	+00 41 32.8	0.11622	-22.51	175.2	0.61	-6.4	E	···	···
···	SDSS J144010.99+004155.1	14 40 11.0	+00 41 55.2	0.11590	-20.17	79.1	0.58	···	L	Y	Y

[a]IAU designation of object if it is a primary

[b]IAU designation of object if it is a satellite

[c]Right ascension

[d]Declination

[e]Redshift

[f]Absolute dereddened $^{0.1}M_r - 5\log h$ magnitude

[g]Isophotal position angle

[h]Ratio of isophotal minor and major axes

[i]Derived position angle of the large scale structure axis

[j]Classification of galaxy as early-type ("E"), intermediate-type ("I") or late-type ("L") based on the classification scheme of Bailin & Harris (2008b)

[k]Whether the system pass all quality cuts required to be included in the sample for the purposes of measuring the anisotropy with respect to the primary.

[l]Whether the system passes all quality cuts required to be included in the sample for the purposes of measuring the anisotropy with respect to the large scale structure.