

Haplogroup Ages

HG	Parent HG	Sequences	Age Full (Rho) ^{±1}	Age Full (Years) ^{±1}	Age Coding (Rho) ^{±1}	Age Coding (Years) ^{±1}	Age Synonymous (Rho) ^{±1}	Age Synonymous (Years) ^{±1}
A	N	408	10.3431 +/- 1.6206	34576.9833 +/- 5417.6658	5.4093 +/- 0.9284	27949.8531 +/- 4797.0428	3.1225 +/- 0.6806	24948.7750 +/- 5437.9940
A10	A	2	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
A11	A	13	6.4615 +/- 1.4514	21600.7945 +/- 4852.0302	4.3846 +/- 1.2895	22655.2282 +/- 6662.8465	1.3846 +/- 0.7298	11062.9540 +/- 5831.1020
A11a	A11	9	3.3333 +/- 0.8607	11143.2219 +/- 2877.3201	1.6667 +/- 0.4303	8611.8389 +/- 2223.3601	0.5556 +/- 0.2485	4439.2440 +/- 1985.5150
A2	A4	239	5.9121 +/- 0.7235	19764.1503 +/- 2418.6605	3.2050 +/- 0.2643	16560.2350 +/- 1365.6381	1.8996 +/- 0.2314	15177.8040 +/- 1848.8860
A2a	A2	24	2.2083 +/- 0.8385	7382.3469 +/- 2803.1055	0.8750 +/- 0.2795	4521.1250 +/- 1444.1765	0.2917 +/- 0.1382	2330.6830 +/- 1104.2180
A2a2	A2a	5	0.6000 +/- 0.3464	2005.8000 +/- 1158.0152	0.4000 +/- 0.2828	2066.8000 +/- 1461.2276	0.2000 +/- 0.2000	1598.0000 +/- 1598.0000
A2b	A2	32	1.8750 +/- 0.9365	6268.1250 +/- 3130.7195	0.5000 +/- 0.1593	2583.5000 +/- 823.1031	0.1563 +/- 0.0699	1248.8370 +/- 558.5010
A2b1	A2b	29	1.0345 +/- 0.2580	3458.3335 +/- 862.4940	0.5517 +/- 0.1758	2850.6339 +/- 908.3586	0.1724 +/- 0.0771	1377.4760 +/- 616.0290
A2c	A2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
A2d	A2	15	3.8000 +/- 0.8969	12703.4000 +/- 2998.3367	2.2000 +/- 0.7272	11367.4000 +/- 3757.4424	1.4000 +/- 0.6146	11186.0000 +/- 4910.6540
A2d1	A2d	8	3.6250 +/- 1.1388	12118.3750 +/- 3807.0084	1.7500 +/- 0.7289	9042.2500 +/- 3766.2263	0.8750 +/- 0.3307	6991.2500 +/- 2642.2930
A2d1a	A2d1	5	1.6000 +/- 0.8944	5348.8000 +/- 2989.9792	0.6000 +/- 0.3464	3100.2000 +/- 1789.8488	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
			2.6667	8914.7781	1.6667	8611.8389	0.6667 +/-	5326.9330

A2d2	A2d	3	+/- 1.2472	+/- 4169.3896	+/- 1.0000	+/- 5167.0000	0.6667	+/- 5326.9330
A2f	A2	7	8.7143 +/- 2.4949	29131.9049 +/- 8340.4507	7.4286 +/- 2.3299	38383.5762 +/- 12038.5933	3.4286 +/- 1.5518	27394.5140 +/- 12398.8820
A2f1	A2f	6	1.1667 +/- 0.5528	3900.2781 +/- 1848.0104	1.1667 +/- 0.5528	6028.3389 +/- 2856.3176	0.8333 +/- 0.5000	6658.0670 +/- 3995.0000
A2g	A2	10	2.9000 +/- 0.7141	9694.7000 +/- 2387.2363	1.9000 +/- 0.5745	9817.3000 +/- 2968.4415	1.3000 +/- 0.5196	10387.0000 +/- 4151.6040
A2h	A2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
A2i	A2	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
A2j	A2	6	3.8333 +/- 1.0408	12814.7219 +/- 3479.3944	2.8333 +/- 0.9280	14639.6611 +/- 4794.9760	2.0000 +/- 0.8165	15980.0000 +/- 6523.8350
A2j1	A2j	3	1.3333 +/- 0.6667	4457.2219 +/- 2228.7781	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
A2k	A2	5	4.8000 +/- 1.2329	16046.4000 +/- 4121.5847	3.4000 +/- 1.1136	17567.8000 +/- 5753.9712	0.8000 +/- 0.4000	6392.0000 +/- 3196.0000
A2k1	A2k	4	3.2500 +/- 0.9682	10864.7500 +/- 3236.6926	2.0000 +/- 0.7906	10334.0000 +/- 4085.0302	0.0000 +/- 0.0000	0.0000 +/- 0.0000
A2n	A2	2	8.5000 +/- 2.0616	28415.5000 +/- 6891.9288	5.5000 +/- 1.6583	28418.5000 +/- 8568.4361	2.0000 +/- 1.0000	15980.0000 +/- 7990.0000
A2p	A2	2	9.0000 +/- 2.1213	30087.0000 +/- 7091.5059	7.0000 +/- 1.8708	36169.0000 +/- 9666.4236	4.5000 +/- 1.5000	35955.0000 +/- 11985.0000
A2q	A2	2	5.0000 +/- 1.5811	16715.0000 +/- 5285.6173	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
A2r	A2	6	2.8333 +/- 0.7265	9471.7219 +/- 2428.6895	1.8333 +/- 0.6009	9472.6611 +/- 3104.8503	1.0000 +/- 0.4714	7990.0000 +/- 3766.4860
A3	A	4	2.7500 +/- 0.9014	9193.2500 +/- 3013.3802	2.0000 +/- 0.7906	10334.0000 +/- 4085.0302	1.7500 +/- 0.7500	13982.5000 +/- 5992.5000
A4	A	303	9.9901 +/- 1.8570	33396.9043 +/- 6207.9510	5.0396 +/- 1.1380	26039.6132 +/- 5880.0460	2.8251 +/- 0.8122	22572.5490 +/- 6489.4780
A4a	A4	9	4.3333 +/- 1.4948	14486.2219 +/- 4997.1164	2.4444 +/- 1.1111	12630.2148 +/- 5741.0537	2.1111 +/- 1.0943	16867.6890 +/- 8743.4570

A4a1	A4a	8	2.6250 +/- 0.8927	8775.3750 +/- 2984.2961	1.6250 +/- 0.7395	8396.3750 +/- 3820.9965	1.2500 +/- 0.7071	9987.5000 +/- 5649.7290
A4b	A4	3	5.0000 +/- 1.5986	16715.0000 +/- 5344.1198	2.6667 +/- 1.1547	13778.8389 +/- 5966.3349	1.0000 +/- 0.5774	7990.0000 +/- 4613.4260
A4c	A4	12	4.8333 +/- 0.8416	16157.7219 +/- 2813.4688	3.6667 +/- 0.7169	18945.8389 +/- 3704.2223	1.3333 +/- 0.4249	10653.0670 +/- 3394.9510
A4d	A4	3	8.0000 +/- 1.6330	26744.0000 +/- 5459.1190	6.0000 +/- 1.4142	31002.0000 +/- 7307.1714	3.3333 +/- 1.0541	26633.0670 +/- 8422.2590
A5	A	76	6.9079 +/- 1.6830	23093.1097 +/- 5626.2690	5.1447 +/- 1.4677	26582.6649 +/- 7583.6059	3.6316 +/- 1.3442	29016.4840 +/- 10740.1580
A5a	A5	60	4.1000 +/- 1.1837	13706.3000 +/- 3957.1091	3.5500 +/- 1.1786	18342.8500 +/- 6089.8262	2.1500 +/- 0.9385	17178.5000 +/- 7498.6150
A5a1	A5a	40	4.1000 +/- 1.4478	13706.3000 +/- 4839.9954	3.5000 +/- 1.4405	18084.5000 +/- 7443.0635	1.6500 +/- 0.9702	13183.5000 +/- 7751.8980
A5a1a	A5a1	38	3.1579 +/- 1.1477	10556.8597 +/- 3836.7611	2.6316 +/- 1.1392	13597.4772 +/- 5886.2464	0.7368 +/- 0.2072	5887.0320 +/- 1655.5280
A5a1a1	A5a1a	30	1.2000 +/- 0.2449	4011.6000 +/- 818.7007	0.8333 +/- 0.2028	4305.6611 +/- 1047.8676	0.5667 +/- 0.1795	4527.9330 +/- 1434.2050
A5a1a2	A5a1a	5	2.8000 +/- 0.8000	9360.4000 +/- 2674.4000	1.6000 +/- 0.6325	8267.2000 +/- 3268.1275	1.0000 +/- 0.5292	7990.0000 +/- 4228.3080
A5a1b	A5a1	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.0000 +/- 0.0000	0.0000 +/- 0.0000
A5a2	A5a	5	0.2000 +/- 0.2000	668.6000 +/- 668.6000	0.2000 +/- 0.2000	1033.4000 +/- 1033.4000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
A5b	A5	9	4.4444 +/- 0.9938	14857.6292 +/- 3322.2734	3.6667 +/- 0.9095	18945.8389 +/- 4699.3865	2.5556 +/- 0.8240	20419.2440 +/- 6583.7600
A5c	A5	7	1.2857 +/- 0.5533	4298.0951 +/- 1849.6819	1.0000 +/- 0.5151	5167.0000 +/- 2661.5217	0.5714 +/- 0.4518	4565.4860 +/- 3609.8820
A6	A4	4	7.0000 +/- 1.5811	23401.0000 +/- 5285.6173	5.0000 +/- 1.3693	25835.0000 +/- 7075.1731	3.0000 +/- 1.1180	23970.0000 +/- 8932.8200
A7	A	2	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
A8	A	4	4.7500 +/- 1.2990	15879.2500 +/- 4342.5570	2.7500 +/- 0.9682	14209.2500 +/- 5002.6894	1.2500 +/- 0.5590	9987.5000 +/- 4466.4100

B	R	512	16.0982 +/- 1.6116	53816.2826 +/- 5387.5788	10.5422 +/- 1.2009	54471.5474 +/- 6205.0503	6.4224 +/- 0.9799	51314.9760 +/- 7829.4010
B4	B	429	13.7827 +/- 1.5137	46075.5661 +/- 5060.2991	9.6121 +/- 1.3266	49665.7207 +/- 6854.5422	6.1636 +/- 1.1198	49247.1640 +/- 8947.2020
B4-16261	B4	188	10.5348 +/- 2.0968	35217.8364 +/- 7009.6024	7.8663 +/- 1.9540	40645.1721 +/- 10096.3180	5.5348 +/- 1.7203	44223.0520 +/- 13745.1970
B4a	B4-16261	172	8.5789 +/- 1.7997	28679.2627 +/- 6016.3971	5.9942 +/- 1.5986	30972.0314 +/- 8259.9662	3.5673 +/- 1.2369	28502.7270 +/- 9882.8310
B4a1	B4a	152	7.7417 +/- 1.7678	25880.5031 +/- 5909.7554	5.1589 +/- 1.5026	26656.0363 +/- 7763.9342	2.6424 +/- 0.9738	21112.7760 +/- 7780.6620
B4a1a	B4a1	121	3.5868 +/- 0.8849	11990.6724 +/- 2958.2207	2.2066 +/- 0.6808	11401.5022 +/- 3517.6936	1.5702 +/- 0.6738	12545.8980 +/- 5383.6620
B4a1a1	B4a1a	78	3.0769 +/- 0.9200	10286.0767 +/- 3075.5600	1.3974 +/- 0.2987	7220.3658 +/- 1543.3829	0.8590 +/- 0.2782	6863.4100 +/- 2222.8180
B4a1a1a	B4a1a1	67	2.2239 +/- 0.3737	7434.4977 +/- 1249.2791	1.4179 +/- 0.3413	7326.2893 +/- 1763.4971	0.9104 +/- 0.3218	7274.0960 +/- 2571.1820
B4a1a1a1	B4a1a1a	20	2.4000 +/- 0.4472	8023.2000 +/- 1494.9896	1.1000 +/- 0.2550	5683.7000 +/- 1317.5850	0.6000 +/- 0.1871	4794.0000 +/- 1494.9290
B4a1a1b	B4a1a1	3	1.3333 +/- 0.8165	4457.2219 +/- 2729.5595	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
B4a1a2	B4a1a	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.0000 +/- 0.0000	0.0000 +/- 0.0000
B4a1a4	B4a1a	3	1.0000 +/- 0.7454	3343.0000 +/- 2491.8722	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
B4a1a5	B4a1a	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
B4a1b	B4a1	7	2.4286 +/- 1.1157	8118.8098 +/- 3729.7851	1.4286 +/- 0.6999	7381.5762 +/- 3616.3833	1.0000 +/- 0.6547	7990.0000 +/- 5231.0530
B4a1b1	B4a1b	6	1.5000 +/- 0.7993	5014.5000 +/- 2672.0599	1.3333 +/- 0.7817	6889.1611 +/- 4039.0439	1.0000 +/- 0.7454	7990.0000 +/- 5955.7460
B4a1c	B4a1	19	8.1667 +/- 1.2410	27301.2781 +/- 4148.6630	4.5556 +/- 0.8784	23538.7852 +/- 4538.6928	2.6667 +/- 0.6713	21306.9330 +/- 5363.6870
B4a1c1	B4a1c	4	5.5000 +/- 1.4142	18386.5000 +/- 4727.6706	3.2500 +/- 1.0897	16792.7500 +/- 5630.4799	2.5000 +/- 1.0000	19975.0000 +/- 7990.0000

B4a1c2	B4a1c	3	1.6667 +/- 0.8819	5571.7781 +/- 2948.1917	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.0000 +/- 0.0000	0.0000 +/- 0.0000
B4a1c3	B4a1c	6	8.0000 +/- 2.4037	26744.0000 +/- 8035.5691	5.8333 +/- 2.0750	30140.6611 +/- 10721.5250	3.0000 +/- 1.4720	23970.0000 +/- 11761.2800
B4a1c4	B4a1c	4	5.3333 +/- 1.3333	17829.2219 +/- 4457.2219	3.0000 +/- 1.0000	15501.0000 +/- 5167.0000	1.6667 +/- 0.7454	13316.9330 +/- 5955.7460
B4a2	B4a	10	5.5000 +/- 1.4107	18386.5000 +/- 4715.9701	3.2000 +/- 1.0488	16534.4000 +/- 5419.1496	2.1000 +/- 0.9220	16779.0000 +/- 7366.7800
B4a2a	B4a2	8	3.5000 +/- 0.9520	11700.5000 +/- 3182.5360	2.2500 +/- 0.7906	11625.7500 +/- 4085.0302	1.1250 +/- 0.5154	8988.7500 +/- 4118.0460
B4a3	B4a	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
B4a4	B4a	7	4.1429 +/- 1.1518	13849.7147 +/- 3850.4674	3.1429 +/- 1.0880	16239.3643 +/- 5621.6960	2.1429 +/- 0.6547	17121.7710 +/- 5231.0530
B4b	B4b'd'e	160	11.1188 +/- 1.6442	37170.1484 +/- 5496.5606	7.9563 +/- 1.5283	41110.2021 +/- 7896.7261	4.8563 +/- 1.2181	38801.8370 +/- 9732.6190
B4b1	B4b	61	9.6230 +/- 1.9281	32169.6890 +/- 6445.6383	6.2295 +/- 1.5637	32187.8265 +/- 8079.6379	4.1967 +/- 1.4191	33531.6330 +/- 11338.6090
B4b1a	B4b1	52	7.9038 +/- 1.7439	26422.4034 +/- 5829.8577	4.4231 +/- 1.1484	22854.1577 +/- 5933.7828	2.4038 +/- 0.8624	19206.3620 +/- 6890.5760
B4b1a1	B4b1a	26	1.8077 +/- 0.4599	6043.1411 +/- 1537.4457	1.1538 +/- 0.4248	5961.6846 +/- 2194.9416	0.4615 +/- 0.1439	3687.3850 +/- 1149.7610
B4b1a1a	B4b1a1	10	1.1000 +/- 0.3317	3677.3000 +/- 1108.8731	0.6000 +/- 0.2449	3100.2000 +/- 1265.3983	0.1000 +/- 0.1000	799.0000 +/- 799.0000
B4b1a2	B4b1a	23	4.0000 +/- 0.7506	13372.0000 +/- 2509.2558	2.7391 +/- 0.6164	14152.9297 +/- 3184.9388	1.4348 +/- 0.4581	11464.0520 +/- 3660.2190
B4b1a2a	B4b1a2	4	4.2500 +/- 1.2990	14207.7500 +/- 4342.5570	2.0000 +/- 0.8660	10334.0000 +/- 4474.6220	1.2500 +/- 0.7500	9987.5000 +/- 5992.5000
B4b1b	B4b1b'c	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
B4b1b'c	B4b1	7	7.2857 +/- 1.6475	24356.0951 +/- 5507.5925	5.7143 +/- 1.5386	29525.7881 +/- 7949.9462	3.2857 +/- 1.2037	26252.7430 +/- 9617.5630
B4b1c	B4b1b'c	5	5.8000 +/-	19389.4000 +/-	5.0000 +/-	25835.0000 +/-	2.6000 +/-	20774.0000 +/-

			1.7550	5866.9650	1.7088	8829.3696	1.2166	9720.6340
B4B2	B4b	99	6.4242 +/- 0.5202	21476.1006 +/- 1739.0286	4.0202 +/- 0.4150	20772.3734 +/- 2144.3050	2.2626 +/- 0.3332	18078.1740 +/- 2662.2680
B4B2a	B4B2	13	4.3077 +/- 0.8356	14400.6411 +/- 2793.4108	2.9231 +/- 0.7298	15103.6577 +/- 3770.8766	1.0769 +/- 0.3768	8604.4310 +/- 3010.6320
B4B2a1	B4B2a	6	2.8333 +/- 0.7993	9471.7219 +/- 2672.0599	2.5000 +/- 0.7638	12917.5000 +/- 3946.5546	0.6667 +/- 0.4082	5326.9330 +/- 3261.5180
B4B2a1a	B4B2a1	2	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
B4B2a2	B4B2a	3	4.3333 +/- 1.5275	14486.2219 +/- 5106.4325	2.3333 +/- 1.1055	12056.1611 +/- 5712.1185	1.0000 +/- 0.7454	7990.0000 +/- 5955.7460
B4B2b	B4B2	6	6.6667 +/- 1.1055	22286.7781 +/- 3695.6865	4.3333 +/- 0.8498	22390.1611 +/- 4390.9166	2.1667 +/- 0.6009	17311.9330 +/- 4801.1910
B4B2c	B4B2	24	5.2917 +/- 1.1524	17690.1531 +/- 3852.4732	3.7500 +/- 0.9807	19376.2500 +/- 5067.2769	1.4583 +/- 0.5818	11651.8170 +/- 4648.5820
B4B2c1	B4B2c	11	2.8182 +/- 0.7100	9421.2426 +/- 2373.5300	2.3636 +/- 0.6803	12212.7212 +/- 3515.1101	1.3636 +/- 0.5677	10895.1640 +/- 4535.9230
B4B2d	B4B2	4	0.7500 +/- 0.4330	2507.2500 +/- 1447.5190	0.5000 +/- 0.3536	2583.5000 +/- 1827.0512	0.5000 +/- 0.3536	3995.0000 +/- 2825.2640
B4B2e	B4B2	2	3.5000 +/- 1.3229	11700.5000 +/- 4422.4547	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
B4B2f	B4B2	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
B4B2g	B4B2	6	6.5000 +/- 1.3229	21729.5000 +/- 4422.4547	3.5000 +/- 0.9574	18084.5000 +/- 4946.8858	2.5000 +/- 0.8333	19975.0000 +/- 6658.0670
B4B2h	B4B2	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
B4B2i	B4B2	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
B4b'd'e	B4	176	13.8864 +/- 2.1778	46422.2352 +/- 7280.3854	9.7102 +/- 1.8991	50172.6034 +/- 9812.6497	6.5114 +/- 1.6993	52026.0860 +/- 13577.4070
B4c	B4	62	12.3065 +/- 1.9310	41140.6295 +/- 6455.3330	6.8710 +/- 1.3893	35502.4570 +/- 7178.5131	3.3871 +/- 0.7089	27062.9290 +/- 5664.1110
			10.9245	36520.6035	6.1132	31586.9044		25477.7130

B4c1	B4c	53	+/- 1.7085	+/- 5711.5155	+/- 1.2430	+/- 6422.5810	3.1887 +/- 0.7717	+/- 6165.8830
B4c1a	B4c1a'b	19	3.5789 +/- 0.7554	11964.2627 +/- 2525.3022	2.0000 +/- 0.5210	10334.0000 +/- 2692.0070	1.4211 +/- 0.4308	11354.5890 +/- 3442.0920
B4c1a'b	B4c1	44	10.2727 +/- 1.7162	34341.6361 +/- 5737.2566	5.2955 +/- 1.0338	27361.8485 +/- 5341.6446	3.3182 +/- 0.8820	26512.4180 +/- 7047.1800
B4c1b	B4c1a'b	25	9.8400 +/- 1.9075	32895.1200 +/- 6376.7725	6.2800 +/- 1.4136	32448.7600 +/- 7304.0712	3.2400 +/- 1.0711	25887.6000 +/- 8558.0890
B4c1b1	B4c1b	4	3.2500 +/- 1.3919	10864.7500 +/- 4653.1217	3.0000 +/- 1.3693	15501.0000 +/- 7075.1731	2.7500 +/- 1.3463	21972.5000 +/- 10756.9370
B4c1b1a	B4c1b1	3	1.0000 +/- 0.5774	3343.0000 +/- 1930.2482	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
B4c1b2	B4c1b	19	6.3684 +/- 1.6518	21289.5612 +/- 5521.9674	3.8947 +/- 1.0421	20123.9149 +/- 5384.5307	2.0000 +/- 0.8963	15980.0000 +/- 7161.4370
B4c1c	B4c1	9	3.2222 +/- 0.9623	10771.8146 +/- 3216.9689	1.2222 +/- 0.3685	6315.1074 +/- 1904.0395	0.5556 +/- 0.2485	4439.2440 +/- 1985.5150
B4c2	B4c	9	2.6667 +/- 0.6086	8914.7781 +/- 2034.5498	2.4444 +/- 0.5879	12630.2148 +/- 3037.6793	1.5556 +/- 0.4444	12429.2440 +/- 3550.7560
B4c2a	B4c2	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
B4d	B4b'd'e	14	8.7143 +/- 1.5682	29131.9049 +/- 5242.4926	5.0000 +/- 1.2817	25835.0000 +/- 6622.5439	2.0000 +/- 0.5533	15980.0000 +/- 4420.8670
B4d1	B4d1'2'3	6	5.0000 +/- 1.1055	16715.0000 +/- 3695.6865	1.8333 +/- 0.5528	9472.6611 +/- 2856.3176	1.5000 +/- 0.5000	11985.0000 +/- 3995.0000
B4d1'2'3	B4d	13	7.5385 +/- 1.3368	25201.2055 +/- 4468.9224	3.7692 +/- 0.9263	19475.4564 +/- 4786.1921	1.7692 +/- 0.5705	14135.9080 +/- 4558.2950
B4d2	B4d1'2'3	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
B4d3	B4d1'2'3	5	4.2000 +/- 1.5620	14040.6000 +/- 5221.7660	2.6000 +/- 1.2490	13434.2000 +/- 6453.5830	0.8000 +/- 0.8000	6392.0000 +/- 6392.0000
B4e	B4b'd'e	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
B4f	B4	3	6.6667 +/- 1.6997	22286.7781 +/- 5682.0971	3.6667 +/- 1.1055	18945.8389 +/- 5712.1185	2.0000 +/- 0.8165	15980.0000 +/- 6523.8350

B4f1	B4f	2	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
B4g	B4-16261	9	8.5556 +/- 1.5436	28601.3708 +/- 5160.2548	6.2222 +/- 1.3966	32150.1074 +/- 7216.2322	4.5556 +/- 1.2717	36399.2440 +/- 10160.8830
B4h	B4-16261	4	6.0000 +/- 1.5000	20058.0000 +/- 5014.5000	4.0000 +/- 1.2247	20668.0000 +/- 6328.0249	3.2500 +/- 1.1456	25967.5000 +/- 9153.3440
B5	B	82	18.1500 +/- 2.4352	60675.4500 +/- 8140.8736	11.5375 +/- 2.0028	59614.2625 +/- 10348.4676	6.7750 +/- 1.4063	54132.2500 +/- 11236.3370
B5a	B5	30	7.7333 +/- 1.2284	25852.4219 +/- 4106.5412	5.5333 +/- 1.1421	28590.5611 +/- 5901.2307	4.0333 +/- 1.0472	32226.0670 +/- 8367.1280
B5a1	B5a	24	6.1250 +/- 0.9974	20475.8750 +/- 3334.3082	4.3750 +/- 0.8907	22605.6250 +/- 4602.2469	3.0000 +/- 0.7383	23970.0000 +/- 5899.0170
B5a1a	B5a1	9	2.1111 +/- 0.6186	7057.4073 +/- 2067.9798	1.1111 +/- 0.5212	5741.0537 +/- 2693.0404	0.8889 +/- 0.4969	7102.3110 +/- 3970.2310
B5a1b	B5a1	2	4.5000 +/- 1.5000	15043.5000 +/- 5014.5000	4.0000 +/- 1.4142	20668.0000 +/- 7307.1714	2.0000 +/- 1.0000	15980.0000 +/- 7990.0000
B5a1c	B5a1	6	2.6667 +/- 1.1547	8914.7781 +/- 3860.1621	1.3333 +/- 0.6236	6889.1611 +/- 3222.1412	1.0000 +/- 0.5270	7990.0000 +/- 4210.7300
B5a2	B5a	5	5.0000 +/- 1.7088	16715.0000 +/- 5712.5184	2.6000 +/- 1.2166	13434.2000 +/- 6286.1722	1.6000 +/- 0.8944	12784.0000 +/- 7146.2560
B5a2a	B5a2	4	0.5000 +/- 0.3536	1671.5000 +/- 1182.0848	0.2500 +/- 0.2500	1291.7500 +/- 1291.7500	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
B5b	B5	52	11.0000 +/- 1.4824	36773.0000 +/- 4955.6632	5.9400 +/- 1.0390	30691.9800 +/- 5368.5130	4.2200 +/- 0.9739	33717.8000 +/- 7781.4610
B5b1	B5b	24	8.9167 +/- 1.6594	29808.5281 +/- 5547.3742	5.4167 +/- 1.2802	27988.0889 +/- 6614.7934	3.7917 +/- 1.1418	30295.6830 +/- 9122.9820
B5b1a	B5b1a'b	3	2.6667 +/- 0.9428	8914.7781 +/- 3151.7804	2.0000 +/- 0.8165	10334.0000 +/- 4218.8555	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
B5b1a'b	B5b1	15	7.4667 +/- 2.0396	24961.1781 +/- 6818.3828	2.8667 +/- 1.1832	14812.2389 +/- 6113.5944	1.6000 +/- 0.8537	12784.0000 +/- 6821.0630
B5b1b	B5b1a'b	12	1.6667 +/- 0.4410	5571.7781 +/- 1474.2630	1.0833 +/- 0.3819	5597.4111 +/- 1973.2773	0.8333 +/- 0.3536	6658.0670 +/- 2825.2640
B5b1c	B5b1	5	3.6000 +/- 0.9798	12034.8000 +/- 3275.4714	2.0000 +/- 0.6928	10334.0000 +/- 3579.6976	0.8000 +/- 0.4000	6392.0000 +/- 3196.0000

B5b2	B5b	23	7.4762 +/- 1.5036	24992.9366 +/- 5026.5348	3.3333 +/- 0.6966	17223.1611 +/- 3599.3322	1.7143 +/- 0.4949	13697.2570 +/- 3954.2510
B5b2a	B5b2a'b	8	1.6250 +/- 0.4841	5432.3750 +/- 1618.3463	1.0000 +/- 0.3536	5167.0000 +/- 1827.0512	0.3750 +/- 0.2165	2996.2500 +/- 1729.8350
B5b2a'b	B5b2	20	5.9444 +/- 1.3642	19872.1292 +/- 4560.5206	2.6111 +/- 0.7136	13491.5537 +/- 3687.1712	1.2778 +/- 0.5000	10209.6220 +/- 3995.0000
B5b2b	B5b2a'b	8	2.7143 +/- 1.0000	9073.9049 +/- 3343.0000	1.7143 +/- 0.7825	8857.7881 +/- 4043.1775	0.5714 +/- 0.2857	4565.4860 +/- 2282.7430
B5b2b1	B5b2b	5	2.2500 +/- 1.2990	7521.7500 +/- 4342.5570	0.7500 +/- 0.7500	3875.2500 +/- 3875.2500	0.0000 +/- 0.0000	0.0000 +/- 0.0000
B5b2c	B5b2	3	4.6667 +/- 1.3333	15600.7781 +/- 4457.2219	3.6667 +/- 1.2019	18945.8389 +/- 6210.2173	2.3333 +/- 1.0000	18643.0670 +/- 7990.0000
B5b3	B5b	4	4.5000 +/- 1.2748	15043.5000 +/- 4261.6564	2.2500 +/- 0.9014	11625.7500 +/- 4657.5338	0.5000 +/- 0.3536	3995.0000 +/- 2825.2640
B6	R11'B6	4	9.5000 +/- 2.1213	31758.5000 +/- 7091.5059	4.7500 +/- 1.3919	24543.2500 +/- 7191.9473	2.7500 +/- 1.0897	21972.5000 +/- 8706.7030
H	HV	958	5.5753 +/- 0.4416	18638.2279 +/- 1476.2688	3.5847 +/- 0.3784	18522.1449 +/- 1955.1928	1.8828 +/- 0.1736	15043.5720 +/- 1387.0640
H1	H	293	3.9966 +/- 0.3684	13360.6338 +/- 1231.5612	2.2150 +/- 0.1838	11444.9050 +/- 949.6946	1.1775 +/- 0.1226	9408.2250 +/- 979.5740
H10	H	17	3.5294 +/- 0.7156	11798.7842 +/- 2392.2508	2.1765 +/- 0.5162	11245.9755 +/- 2667.2054	0.8824 +/- 0.2564	7050.3760 +/- 2048.6360
H10a	H10	6	2.3333 +/- 0.8819	7800.2219 +/- 2948.1917	1.3333 +/- 0.5270	6889.1611 +/- 2723.0090	0.6667 +/- 0.4082	5326.9330 +/- 3261.5180
H10a1	H10a	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
H11	H	14	5.0714 +/- 1.5034	16953.6902 +/- 5025.8662	2.5000 +/- 1.1089	12917.5000 +/- 5729.6863	1.2143 +/- 0.4461	9702.2570 +/- 3564.3390
H11a	H11	14	4.0714 +/- 1.1226	13610.6902 +/- 3752.8518	1.5000 +/- 0.4792	7750.5000 +/- 2476.0264	1.2143 +/- 0.4461	9702.2570 +/- 3564.3390
H11a1	H11a	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H11a2	H11a	5	2.8000 +/-	9360.4000 +/-	1.2000 +/-	6200.4000 +/-	0.6000 +/-	4794.0000 +/-

			1.0583	3537.8969	0.5657	2922.9719	0.3464	2767.7360
H12	H	5	1.0000 +/- 0.6633	3343.0000 +/- 2217.4119	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H13	H	39	6.6757 +/- 1.2276	22316.8651 +/- 4103.8668	4.9459 +/- 1.1968	25555.4653 +/- 6183.8656	2.9189 +/- 0.8547	23322.0110 +/- 6829.0530
H13a	H13	31	5.6207 +/- 1.1586	18790.0001 +/- 3873.1998	4.0345 +/- 1.1200	20846.2615 +/- 5787.0400	2.8621 +/- 1.0612	22868.1790 +/- 8478.9880
H13a1	H13a	22	4.4762 +/- 1.1045	14963.9366 +/- 3692.3435	3.2857 +/- 1.0701	16977.2119 +/- 5529.2067	2.5714 +/- 1.0498	20545.4860 +/- 8387.9020
H13a1a	H13a1	19	3.7222 +/- 0.7954	12443.3146 +/- 2659.0222	2.6667 +/- 0.7412	13778.8389 +/- 3829.7804	1.8889 +/- 0.7027	15092.3110 +/- 5614.5730
H13a2	H13a	9	5.0000 +/- 1.1592	16715.0000 +/- 3875.2056	2.3750 +/- 0.8385	12271.6250 +/- 4332.5295	1.0000 +/- 0.5590	7990.0000 +/- 4466.4100
H13a2a	H13a2	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
H13a2b	H13a2	4	2.5000 +/- 1.0607	8357.5000 +/- 3545.9201	0.5000 +/- 0.3536	2583.5000 +/- 1827.0512	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
H13a2b1	H13a2b	3	2.0000 +/- 0.9428	6686.0000 +/- 3151.7804	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
H13b	H13	5	6.0000 +/- 1.3565	20058.0000 +/- 4534.7795	3.2000 +/- 0.9381	16534.4000 +/- 4847.1627	2.0000 +/- 0.8000	15980.0000 +/- 6392.0000
H14	H	6	6.5000 +/- 1.4814	21729.5000 +/- 4952.3202	3.8333 +/- 0.7993	19806.6611 +/- 4129.9831	2.6667 +/- 0.6667	21306.9330 +/- 5326.9330
H14a	H14	5	5.4000 +/- 1.0392	18052.2000 +/- 3474.0456	4.4000 +/- 0.9381	22734.8000 +/- 4847.1627	3.2000 +/- 0.8000	25568.0000 +/- 6392.0000
H14a1	H14a	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H15	H	11	5.0000 +/- 1.0563	16715.0000 +/- 3531.2109	3.7273 +/- 0.9664	19258.9591 +/- 4993.3888	2.6364 +/- 0.8954	21064.8360 +/- 7154.2460
H15a	H15	5	3.8000 +/- 1.1832	12703.4000 +/- 3955.4376	2.6000 +/- 1.0392	13434.2000 +/- 5369.5464	1.8000 +/- 0.9592	14382.0000 +/- 7664.0080
H15b	H15	6	4.1667 +/- 1.0408	13929.2781 +/- 3479.3944	2.8333 +/- 0.8333	14639.6611 +/- 4305.6611	1.5000 +/- 0.6009	11985.0000 +/- 4801.1910
			1.8500	6184.5500	1.4500	7492.1500		8789.0000

H16	H	20	+/- 0.4822	+/- 1611.9946	+/- 0.4555	+/- 2353.5685	1.1000 +/- 0.4359	+/- 3482.8410
H16a	H16	5	0.6000 +/- 0.4472	2005.8000 +/- 1494.9896	0.6000 +/- 0.4472	3100.2000 +/- 2310.6824	0.4000 +/- 0.4000	3196.0000 +/- 3196.0000
H16b	H16	5	0.8000 +/- 0.4000	2674.4000 +/- 1337.2000	0.2000 +/- 0.2000	1033.4000 +/- 1033.4000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H17	H	4	0.7500 +/- 0.4330	2507.2500 +/- 1447.5190	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.5000 +/- 0.3536	3995.0000 +/- 2825.2640
H17a	H17	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H18	H	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H1a	H1	42	2.5714 +/- 0.5929	8596.1902 +/- 1982.0647	1.3571 +/- 0.3757	7012.1357 +/- 1941.2419	0.9048 +/- 0.3548	7229.3520 +/- 2834.8520
H1a1	H1a	14	1.2143 +/- 0.3273	4059.4049 +/- 1094.1639	1.1429 +/- 0.3194	5905.3643 +/- 1650.3398	0.5714 +/- 0.2259	4565.4860 +/- 1804.9410
H1a2	H1a	7	0.2857 +/- 0.2020	955.0951 +/- 675.2860	0.2857 +/- 0.2020	1476.2119 +/- 1043.7340	0.1429 +/- 0.1429	1141.7710 +/- 1141.7710
H1a3	H1a	10	3.0000 +/- 0.6481	10029.0000 +/- 2166.5983	1.9000 +/- 0.5000	9817.3000 +/- 2583.5000	1.0000 +/- 0.3162	7990.0000 +/- 2526.4380
H1b	H1	21	2.8571 +/- 0.8677	9551.2853 +/- 2900.7211	1.8571 +/- 0.7331	9595.6357 +/- 3787.9277	0.3810 +/- 0.1506	3044.1900 +/- 1203.2940
H1c	H1	39	2.8974 +/- 0.6051	9686.0082 +/- 2022.8493	1.8205 +/- 0.4298	9406.5235 +/- 2220.7766	1.1795 +/- 0.4038	9424.2050 +/- 3226.3620
H1c1	H1c	12	0.7500 +/- 0.3005	2507.2500 +/- 1004.5715	0.7500 +/- 0.3005	3875.2500 +/- 1552.6835	0.5000 +/- 0.2635	3995.0000 +/- 2105.3650
H1c2	H1c	3	1.6667 +/- 0.7454	5571.7781 +/- 2491.8722	1.6667 +/- 0.7454	8611.8389 +/- 3851.4818	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
H1c3	H1c	8	2.8750 +/- 1.0533	9611.1250 +/- 3521.1819	0.8750 +/- 0.3750	4521.1250 +/- 1937.6250	0.3750 +/- 0.2795	2996.2500 +/- 2233.2050
H1e	H1	29	4.1034 +/- 0.6991	13717.6662 +/- 2337.0913	3.0000 +/- 0.6588	15501.0000 +/- 3404.0196	1.9310 +/- 0.6188	15428.6900 +/- 4944.2120
H1e1	H1e	13	3.5385 +/- 0.9231	11829.2055 +/- 3085.9233	2.4615 +/- 0.8566	12718.5705 +/- 4426.0522	1.6154 +/- 0.8104	12907.0460 +/- 6475.0960

H1e2	H1e	4	1.5000 +/- 0.6124	5014.5000 +/- 2047.2532	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
H1f	H1	8	0.1250 +/- 0.1250	417.8750 +/- 417.8750	0.1250 +/- 0.1250	645.8750 +/- 645.8750	0.1250 +/- 0.1250	998.7500 +/- 998.7500
H1h	H1	5	4.8000 +/- 1.0583	16046.4000 +/- 3537.8969	2.2000 +/- 0.7211	11367.4000 +/- 3725.9237	2.0000 +/- 0.6928	15980.0000 +/- 5535.4720
H1i	H1	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H1k	H1	5	1.6000 +/- 0.8944	5348.8000 +/- 2989.9792	1.4000 +/- 0.8718	7233.8000 +/- 4504.5906	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
H1m	H1	4	1.2500 +/- 0.5590	4178.7500 +/- 1868.7370	0.5000 +/- 0.3536	2583.5000 +/- 1827.0512	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
H1o	H1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H1p	H1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H1q	H1	2	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
H1s	H1	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H1t	H1	5	2.4000 +/- 0.9381	8023.2000 +/- 3136.0683	1.8000 +/- 0.8718	9300.6000 +/- 4504.5906	1.2000 +/- 0.7483	9588.0000 +/- 5978.9170
H1v	H1	6	1.6667 +/- 1.0274	5571.7781 +/- 3434.5982	1.6667 +/- 1.0274	8611.8389 +/- 5308.5758	0.8333 +/- 0.6009	6658.0670 +/- 4801.1910
H1v1	H1v	5	1.0000 +/- 0.7211	3343.0000 +/- 2410.6373	1.0000 +/- 0.7211	5167.0000 +/- 3725.9237	1.0000 +/- 0.7211	7990.0000 +/- 5761.5890
H1v1a	H1v1	3	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H1w	H1	3	0.3333 +/- 0.3333	1114.2219 +/- 1114.2219	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H1x	H1	3	0.3333 +/- 0.3333	1114.2219 +/- 1114.2219	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H2	H	65	5.8923 +/- 1.2347	19697.9589 +/- 4127.6021	4.0154 +/- 1.1493	20747.5718 +/- 5938.4331	2.1692 +/- 0.9804	17331.9080 +/- 7833.3960

H20	H	5	5.4000 +/- 1.2490	18052.2000 +/- 4175.4070	4.0000 +/- 1.0954	20668.0000 +/- 5659.9318	1.8000 +/- 0.7746	14382.0000 +/- 6189.0540
H20a	H20	2	5.0000 +/- 1.5811	16715.0000 +/- 5285.6173	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
H21	H	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H23	H	6	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H24	H	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
H25	H	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H26	H	4	6.2500 +/- 1.4790	20893.7500 +/- 4944.2970	5.2500 +/- 1.3463	27126.7500 +/- 6956.3321	4.2500 +/- 1.2500	33957.5000 +/- 9987.5000
H27	H	10	2.2000 +/- 1.0000	7354.6000 +/- 3343.0000	1.0000 +/- 0.5477	5167.0000 +/- 2829.9659	0.1000 +/- 0.1000	799.0000 +/- 799.0000
H29	H	3	2.0000 +/- 0.9428	6686.0000 +/- 3151.7804	1.6667 +/- 0.8819	8611.8389 +/- 4556.7773	1.0000 +/- 0.7454	7990.0000 +/- 5955.7460
H2a	H2	62	4.9194 +/- 0.8175	16445.5542 +/- 2732.9025	3.0968 +/- 0.6697	16001.1656 +/- 3460.3399	1.1935 +/- 0.2315	9536.0650 +/- 1849.6850
H2a1	H2a	16	3.2500 +/- 0.5660	10864.7500 +/- 1892.1380	2.1250 +/- 0.4841	10979.8750 +/- 2501.3447	1.5625 +/- 0.4375	12484.3750 +/- 3495.6250
H2a1a	H2a1	4	2.7500 +/- 1.0308	9193.2500 +/- 3445.9644	1.7500 +/- 0.9014	9042.2500 +/- 4657.5338	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
H2a2	H2a	24	4.6250 +/- 1.1585	15461.3750 +/- 3872.8655	2.4167 +/- 0.8165	12487.0889 +/- 4218.8555	0.9167 +/- 0.2282	7324.4330 +/- 1823.3180
H2a2a	H2a2	11	1.6364 +/- 0.4264	5470.4852 +/- 1425.4552	1.0000 +/- 0.3278	5167.0000 +/- 1693.7426	0.7273 +/- 0.2571	5811.1270 +/- 2054.2290
H2a2b	H2a2	11	3.1818 +/- 1.1171	10636.7574 +/- 3734.4653	1.0000 +/- 0.3278	5167.0000 +/- 1693.7426	0.5455 +/- 0.2227	4358.5450 +/- 1779.3730
H2a2b1	H2a2b	10	2.4000 +/- 0.7071	8023.2000 +/- 2363.8353	1.0000 +/- 0.3464	5167.0000 +/- 1789.8488	0.5000 +/- 0.2236	3995.0000 +/- 1786.5640
H2a3	H2a	5	1.6000 +/-	5348.8000 +/-	1.2000 +/-	6200.4000 +/-	0.4000 +/- 0.2828	3196.0000 +/-

			0.5657	1891.1351	0.4899	2531.3133		2259.5720
H2a4	H2a	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
H2a5	H2a	13	3.2308 +/- 1.5074	10800.5644 +/- 5039.2382	2.2308 +/- 1.1892	11526.5436 +/- 6144.5964	1.2308 +/- 0.7458	9834.0920 +/- 5958.9420
H2a5a	H2a5	12	1.2500 +/- 0.8036	4178.7500 +/- 2686.4348	1.2500 +/- 0.8036	6458.7500 +/- 4152.2012	1.2500 +/- 0.8036	9987.5000 +/- 6420.7640
H2b	H2	3	3.3333 +/- 1.0541	11143.2219 +/- 3523.8563	1.3333 +/- 0.6667	6889.1611 +/- 3444.8389	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
H3	H	91	3.5165 +/- 0.3304	11755.6595 +/- 1104.5272	2.1758 +/- 0.2387	11242.3586 +/- 1233.3629	1.0330 +/- 0.1482	8253.6700 +/- 1184.1180
H30	H	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H31	H	5	1.6000 +/- 0.5657	5348.8000 +/- 1891.1351	0.8000 +/- 0.4000	4133.6000 +/- 2066.8000	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
H32	H	3	2.0000 +/- 1.0541	6686.0000 +/- 3523.8563	1.3333 +/- 0.8165	6889.1611 +/- 4218.8555	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
H33	H	5	2.6000 +/- 0.8246	8691.8000 +/- 2756.6378	1.2000 +/- 0.5657	6200.4000 +/- 2922.9719	1.2000 +/- 0.5657	9588.0000 +/- 4519.9430
H34	H	3	1.0000 +/- 0.5774	3343.0000 +/- 1930.2482	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
H36	H5'36	8	3.0000 +/- 1.4361	10029.0000 +/- 4800.8823	3.0000 +/- 1.4361	15501.0000 +/- 7420.3287	1.0000 +/- 0.8839	7990.0000 +/- 7062.3610
H36a	H36	7	1.4286 +/- 0.8330	4775.8098 +/- 2784.7190	1.4286 +/- 0.8330	7381.5762 +/- 4304.1110	0.1429 +/- 0.1429	1141.7710 +/- 1141.7710
H37	H	2	8.0000 +/- 2.0000	26744.0000 +/- 6686.0000	6.0000 +/- 1.7321	31002.0000 +/- 8949.7607	3.5000 +/- 1.3229	27965.0000 +/- 10569.9710
H38	H	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
H3a	H3	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H3b	H3	11	3.7273 +/- 1.1748	12460.3639 +/- 3927.3564	1.7273 +/- 0.4545	8924.9591 +/- 2348.4015	0.6364 +/- 0.2727	5084.8360 +/- 2178.8730
			4.0000	13372.0000	2.0000	10334.0000	2.0000 +/-	15980.0000

H3c	H3	2	+/- 1.4142	+/- 4727.6706	+/- 1.0000	+/- 5167.0000	1.0000	+/- 7990.0000
H3d	H3	2	1.5000 +/- 1.1180	5014.5000 +/- 3737.4740	1.5000 +/- 1.1180	7750.5000 +/- 5776.7060	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H3e	H3	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H3f	H3	8	2.6250 +/- 0.6495	8775.3750 +/- 2171.2785	1.5000 +/- 0.5000	7750.5000 +/- 2583.5000	0.5000 +/- 0.2500	3995.0000 +/- 1997.5000
H3g	H3	5	1.6000 +/- 0.6928	5348.8000 +/- 2316.0304	1.4000 +/- 0.6633	7233.8000 +/- 3427.2711	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
H4	H	40	6.4500 +/- 1.5957	21562.3500 +/- 5334.4251	5.0500 +/- 1.5330	26093.3500 +/- 7921.0110	2.4500 +/- 1.0118	19575.5000 +/- 8084.2820
H4a	H4	30	4.3667 +/- 1.1724	14597.8781 +/- 3919.3332	3.2667 +/- 1.0541	16879.0389 +/- 5446.5347	1.8667 +/- 0.8705	14914.9330 +/- 6955.2950
H4a1	H4a	25	3.7200 +/- 0.9790	12435.9600 +/- 3272.7970	2.5200 +/- 0.7642	13020.8400 +/- 3948.6214	1.0800 +/- 0.2912	8629.2000 +/- 2326.6880
H4a1a	H4a1	16	2.9375 +/- 1.0440	9820.0625 +/- 3490.0920	1.6250 +/- 0.5154	8396.3750 +/- 2663.0718	0.8125 +/- 0.3125	6491.8750 +/- 2496.8750
H4a1a1	H4a1a	14	2.3571 +/- 0.6507	7879.7853 +/- 2175.2901	1.8571 +/- 0.5890	9595.6357 +/- 3043.3630	0.9286 +/- 0.3571	7419.5140 +/- 2853.2290
H4a1a1a	H4a1a1	4	1.7500 +/- 1.0897	5850.2500 +/- 3642.8671	1.5000 +/- 1.0607	7750.5000 +/- 5480.6369	0.7500 +/- 0.7500	5992.5000 +/- 5992.5000
H4a1b	H4a1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H4b	H4	7	3.0000 +/- 1.2206	10029.0000 +/- 4080.4658	0.1429 +/- 0.1429	738.3643 +/- 738.3643	0.1429 +/- 0.1429	1141.7710 +/- 1141.7710
H5	H5'36	119	4.2689 +/- 0.6521	14270.9327 +/- 2179.9703	2.9580 +/- 0.6191	15283.9860 +/- 3198.8897	1.4454 +/- 0.3483	11548.7460 +/- 2782.9170
H5'36	H	129	5.2481 +/- 1.1086	17544.3983 +/- 3706.0498	3.0078 +/- 0.5816	15541.3026 +/- 3005.1272	1.4884 +/- 0.3322	11892.3160 +/- 2654.2780
H5a	H5	58	3.6552 +/- 0.6974	12219.3336 +/- 2331.4082	2.4655 +/- 0.6675	12739.2385 +/- 3448.9725	1.5000 +/- 0.6403	11985.0000 +/- 5115.9970
H5a1	H5a	36	2.2500 +/- 0.3481	7521.7500 +/- 1163.6983	1.1944 +/- 0.2437	6171.4648 +/- 1259.1979	0.5833 +/- 0.1389	4660.5670 +/- 1109.8110

H5a2	H5a	2	3.5000 +/- 1.3229	11700.5000 +/- 4422.4547	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H5b	H5	9	3.1111 +/- 0.8165	10400.4073 +/- 2729.5595	2.2222 +/- 0.6849	11482.1074 +/- 3538.8783	1.7778 +/- 0.6479	14204.6220 +/- 5176.7210
H6	H	27	6.3704 +/- 1.6042	21296.2472 +/- 5362.8406	5.3333 +/- 1.5887	27557.1611 +/- 8208.8129	4.0370 +/- 1.4994	32255.6300 +/- 11980.2060
H6a	H6	23	5.6957 +/- 1.5802	19040.7251 +/- 5282.6086	4.7391 +/- 1.5634	24486.9297 +/- 8078.0878	3.3913 +/- 1.4407	27096.4870 +/- 11511.1930
H6a1	H6a	22	3.6818 +/- 0.8467	12308.2574 +/- 2830.5181	2.8182 +/- 0.8157	14561.6394 +/- 4214.7219	1.4545 +/- 0.5143	11621.4550 +/- 4109.2570
H6a1a	H6a1	13	2.0769 +/- 0.5274	6943.0767 +/- 1763.0982	1.5385 +/- 0.4865	7949.4295 +/- 2513.7455	0.7692 +/- 0.3608	6145.9080 +/- 2882.7920
H6a1a1	H6a1a	2	3.5000 +/- 1.3229	11700.5000 +/- 4422.4547	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
H6a1b	H6a1	9	3.5556 +/- 0.7857	11886.3708 +/- 2626.5951	2.2222 +/- 0.6285	11482.1074 +/- 3247.4595	1.4444 +/- 0.5556	11540.7560 +/- 4439.2440
H6a1b1	H6a1b	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
H6a1b2	H6a1b	4	1.5000 +/- 0.6124	5014.5000 +/- 2047.2532	1.0000 +/- 0.5000	5167.0000 +/- 2583.5000	0.5000 +/- 0.3536	3995.0000 +/- 2825.2640
H6b	H6	2	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
H7	H	34	3.6765 +/- 0.5573	12290.5395 +/- 1863.0539	2.6471 +/- 0.4974	13677.5657 +/- 2570.0658	1.7353 +/- 0.4293	13865.0470 +/- 3430.1070
H7a	H7	7	3.8571 +/- 0.9368	12894.2853 +/- 3131.7224	2.1429 +/- 0.5890	11072.3643 +/- 3043.3630	1.1429 +/- 0.4518	9131.7710 +/- 3609.8820
H7a1	H7a	4	4.2500 +/- 1.1456	14207.7500 +/- 3829.7408	2.7500 +/- 0.9014	14209.2500 +/- 4657.5338	1.5000 +/- 0.7071	11985.0000 +/- 5649.7290
H7b	H7	9	2.4444 +/- 0.8315	8171.6292 +/- 2779.7045	1.6667 +/- 0.7617	8611.8389 +/- 3935.7039	1.3333 +/- 0.7370	10653.0670 +/- 5888.6300
H7b1	H7b	6	2.0000 +/- 0.6236	6686.0000 +/- 2084.6948	1.0000 +/- 0.4082	5167.0000 +/- 2109.1694	0.6667 +/- 0.3333	5326.9330 +/- 2663.0670
H7c	H7	7	2.8571 +/- 0.9258	9551.2853 +/- 3094.9494	1.2857 +/- 0.4286	6643.2119 +/- 2214.5762	0.8571 +/- 0.3499	6848.2290 +/- 2795.7010

H7c1	H7c	5	1.6000 +/- 0.6325	5348.8000 +/- 2114.4475	0.6000 +/- 0.3464	3100.2000 +/- 1789.8488	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
H8	H	8	3.5000 +/- 0.8292	11700.5000 +/- 2772.0156	1.7500 +/- 0.5863	9042.2500 +/- 3029.4121	0.6250 +/- 0.3307	4993.7500 +/- 2642.2930
H9	H	2	3.5000 +/- 1.3229	11700.5000 +/- 4422.4547	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
H9a	H9	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
HV	R0	1190	7.5324 +/- 1.2121	25180.8132 +/- 4052.0503	5.3184 +/- 1.1878	27480.1728 +/- 6137.3626	2.7548 +/- 0.8234	22010.8520 +/- 6578.9660
HV0	HV	125	5.5806 +/- 1.3391	18655.9458 +/- 4476.6113	4.3306 +/- 1.3259	22376.2102 +/- 6850.9253	2.0242 +/- 0.8999	16173.3580 +/- 7190.2010
HV0a	HV0	115	4.7544 +/- 1.0544	15893.9592 +/- 3524.8592	3.5175 +/- 1.0383	18174.9225 +/- 5364.8961	2.1140 +/- 0.9783	16890.8600 +/- 7816.6170
HV0a1	HV0a	3	2.6667 +/- 1.2472	8914.7781 +/- 4169.3896	1.3333 +/- 0.8165	6889.1611 +/- 4218.8555	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
HV0b	HV0	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
HV0c	HV0	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
HV1	HV	23	6.3043 +/- 0.9848	21075.2749 +/- 3292.1864	4.0000 +/- 0.7118	20668.0000 +/- 3677.8706	2.3043 +/- 0.5517	18411.3570 +/- 4408.0830
HV10	HV	3	1.6667 +/- 0.7454	5571.7781 +/- 2491.8722	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
HV1a	HV1	10	6.2000 +/- 1.4697	20726.6000 +/- 4913.2071	3.8000 +/- 1.0392	19634.6000 +/- 5369.5464	2.1000 +/- 0.6403	16779.0000 +/- 5115.9970
HV1a1	HV1a	7	3.4286 +/- 0.9689	11461.8098 +/- 3239.0327	2.8571 +/- 0.9258	14762.6357 +/- 4783.6086	2.4286 +/- 0.8690	19404.5140 +/- 6943.3100
HV1a1a	HV1a1	3	1.0000 +/- 0.5774	3343.0000 +/- 1930.2482	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
HV1a2	HV1a	3	4.6667 +/- 1.2472	15600.7781 +/- 4169.3896	2.6667 +/- 0.9428	13778.8389 +/- 4871.4476	1.3333 +/- 0.6667	10653.0670 +/- 5326.9330
HV1b	HV1	9	4.8889 +/-	16343.5927 +/-	3.2222 +/-	16649.1074 +/-	1.6667 +/-	13316.9330 +/-

			1.0887	3639.5241	0.8819	4556.7773	0.6186	4942.6140
HV1b1	HV1b	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
HV1b2	HV1b	4	0.2500 +/- 0.2500	835.7500 +/- 835.7500	0.2500 +/- 0.2500	1291.7500 +/- 1291.7500	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
HV1c	HV1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
HV2	HV	6	8.3333 +/- 1.8409	27858.2219 +/- 6154.1287	3.6667 +/- 1.0000	18945.8389 +/- 5167.0000	2.5000 +/- 0.8660	19975.0000 +/- 6919.3400
HV2a	HV2	4	6.2500 +/- 1.6008	20893.7500 +/- 5351.4744	3.0000 +/- 0.9354	15501.0000 +/- 4833.2118	1.7500 +/- 0.6614	13982.5000 +/- 5284.5860
HV4	HV	14	5.7857 +/- 1.0714	19341.5951 +/- 3581.6902	3.5000 +/- 0.6962	18084.5000 +/- 3597.2654	1.9286 +/- 0.5759	15409.5140 +/- 4601.4410
HV4a	HV4	9	5.4444 +/- 1.2019	18200.6292 +/- 4017.9517	3.3333 +/- 0.9558	17223.1611 +/- 4938.6186	2.5556 +/- 0.8678	20419.2440 +/- 6933.7220
HV4a1	HV4a	6	4.3333 +/- 1.1304	14486.2219 +/- 3778.9272	3.0000 +/- 0.8498	15501.0000 +/- 4390.9166	2.5000 +/- 0.7993	19975.0000 +/- 6386.4070
HV4a2	HV4a	3	3.6667 +/- 1.3744	12257.7781 +/- 4594.6192	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
HV5	HV	4	0.5000 +/- 0.3536	1671.5000 +/- 1182.0848	0.5000 +/- 0.3536	2583.5000 +/- 1827.0512	0.0000 +/- 0.0000	0.0000 +/- 0.0000
HV6	HV	6	3.0000 +/- 1.0801	10029.0000 +/- 3610.7743	2.1667 +/- 0.9280	11195.3389 +/- 4794.9760	1.3333 +/- 0.7454	10653.0670 +/- 5955.7460
HV6a	HV6	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
HV7	HV	2	3.5000 +/- 1.3229	11700.5000 +/- 4422.4547	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
HV8	HV	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.0000 +/- 0.0000	0.0000 +/- 0.0000
HV9	HV	7	3.4286 +/- 0.9258	11461.8098 +/- 3094.9494	2.2857 +/- 0.6999	11810.2119 +/- 3616.3833	1.4286 +/- 0.5345	11414.5140 +/- 4270.6550
HV9a	HV9	3	3.3333 +/- 1.3333	11143.2219 +/- 4457.2219	3.0000 +/- 1.2910	15501.0000 +/- 6670.5970	2.3333 +/- 1.1055	18643.0670 +/- 8832.9450

J	JT	248	11.1626 +/- 1.7019	37316.5718 +/- 5689.4517	5.9959 +/- 1.1294	30980.8153 +/- 5835.6098	2.3699 +/- 0.3339	18935.5010 +/- 2667.8610
J1	J	204	8.4581 +/- 1.3979	28275.4283 +/- 4673.1797	4.4581 +/- 0.8338	23035.0027 +/- 4308.2446	1.9360 +/- 0.3234	15468.6400 +/- 2583.9660
J1b	J1	50	7.4400 +/- 1.3285	24871.9200 +/- 4441.1755	5.0800 +/- 1.1634	26248.3600 +/- 6011.2878	1.5600 +/- 0.4741	12464.4000 +/- 3788.0590
J1b1	J1b	29	7.9310 +/- 1.7124	26513.3330 +/- 5724.5532	4.6207 +/- 1.3293	23875.1569 +/- 6868.4931	2.0000 +/- 0.7848	15980.0000 +/- 6270.5520
J1b1a	J1b1	21	4.3333 +/- 1.0616	14486.2219 +/- 3548.9288	2.0952 +/- 0.4467	10825.8984 +/- 2308.0989	1.2857 +/- 0.3839	10272.7430 +/- 3067.3610
J1b1a1	J1b1a	6	2.6667 +/- 0.8165	8914.7781 +/- 2729.5595	1.3333 +/- 0.5270	6889.1611 +/- 2723.0090	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
J1b1a2	J1b1a	3	1.3333 +/- 0.6667	4457.2219 +/- 2228.7781	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
J1b1b	J1b1	8	5.8750 +/- 1.4843	19640.1250 +/- 4962.0149	3.3750 +/- 1.0825	17438.6250 +/- 5593.2775	1.2500 +/- 0.4330	9987.5000 +/- 3459.6700
J1b1b1	J1b1b	7	4.1429 +/- 0.8921	13849.7147 +/- 2982.2903	2.4286 +/- 0.6851	12548.5762 +/- 3539.9117	1.1429 +/- 0.4518	9131.7710 +/- 3609.8820
J1b2	J1b	8	1.7500 +/- 0.9354	5850.2500 +/- 3127.0422	1.7500 +/- 0.9354	9042.2500 +/- 4833.2118	0.7500 +/- 0.6374	5992.5000 +/- 5092.8260
J1b3	J1b	4	2.7500 +/- 1.1990	9193.2500 +/- 4008.2570	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.7500 +/- 0.4330	5992.5000 +/- 3459.6700
J1c	J1	143	4.4296 +/- 0.5060	14808.1528 +/- 1691.5580	2.8239 +/- 0.3380	14591.0913 +/- 1746.4460	1.5704 +/- 0.2201	12547.4960 +/- 1758.5990
J1c1	J1c	22	3.4091 +/- 0.6818	11396.6213 +/- 2279.2574	2.4545 +/- 0.5961	12682.4015 +/- 3080.0487	2.0455 +/- 0.6047	16343.5450 +/- 4831.5530
J1c1a	J1c1	6	0.5000 +/- 0.2887	1671.5000 +/- 965.1241	0.3333 +/- 0.2357	1722.1611 +/- 1217.8619	0.3333 +/- 0.2357	2663.0670 +/- 1883.2430
J1c1b	J1c1	7	4.0000 +/- 0.9258	13372.0000 +/- 3094.9494	3.1429 +/- 0.8571	16239.3643 +/- 4428.6357	1.4286 +/- 0.4518	11414.5140 +/- 3609.8820
J1c1b1	J1c1b	4	3.5000 +/- 1.0000	11700.5000 +/- 3343.0000	2.0000 +/- 0.7906	10334.0000 +/- 4085.0302	1.2500 +/- 0.5590	9987.5000 +/- 4466.4100
J1c1b1a	J1c1b1	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000

J1c2	J1c	39	3.1026 +/- 0.4594	10371.9918 +/- 1535.7742	2.3333 +/- 0.4030	12056.1611 +/- 2082.3010	1.2564 +/- 0.3151	10038.6360 +/- 2517.6490
J1c2b	J1c2	3	2.6667 +/- 0.9428	8914.7781 +/- 3151.7804	2.3333 +/- 0.8819	12056.1611 +/- 4556.7773	1.6667 +/- 0.7454	13316.9330 +/- 5955.7460
J1c2c	J1c2	7	2.4286 +/- 0.7143	8118.8098 +/- 2387.9049	1.1429 +/- 0.5345	5905.3643 +/- 2761.7615	0.5714 +/- 0.4518	4565.4860 +/- 3609.8820
J1c3	J1c	24	3.0833 +/- 0.5000	10307.4719 +/- 1671.5000	2.4583 +/- 0.4658	12702.0361 +/- 2406.7886	1.5417 +/- 0.4104	12318.1830 +/- 3279.0960
J1c3a	J1c3	5	2.4000 +/- 0.9798	8023.2000 +/- 3275.4714	2.2000 +/- 0.9592	11367.4000 +/- 4956.1864	1.8000 +/- 0.9165	14382.0000 +/- 7322.8350
J1c3a1	J1c3a	3	1.0000 +/- 0.5774	3343.0000 +/- 1930.2482	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.0000 +/- 0.0000	0.0000 +/- 0.0000
J1c3b	J1c3	5	1.4000 +/- 0.7746	4680.2000 +/- 2589.4878	1.4000 +/- 0.7746	7233.8000 +/- 4002.3582	0.8000 +/- 0.6325	6392.0000 +/- 5053.6750
J1c3b1	J1c3b	3	1.0000 +/- 0.7454	3343.0000 +/- 2491.8722	1.0000 +/- 0.7454	5167.0000 +/- 3851.4818	0.0000 +/- 0.0000	0.0000 +/- 0.0000
J1c4	J1c	13	1.3846 +/- 0.4351	4628.7178 +/- 1454.5393	0.9231 +/- 0.3768	4769.6577 +/- 1946.9256	0.6154 +/- 0.3440	4917.0460 +/- 2748.5600
J1c4b	J1c4	3	1.6667 +/- 0.7454	5571.7781 +/- 2491.8722	1.3333 +/- 0.6667	6889.1611 +/- 3444.8389	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
J1c5	J1c	10	2.4000 +/- 0.6325	8023.2000 +/- 2114.4475	2.2000 +/- 0.6164	11367.4000 +/- 3184.9388	1.2000 +/- 0.4899	9588.0000 +/- 3914.3010
J1c6	J1c	6	3.5000 +/- 1.0672	11700.5000 +/- 3567.6496	1.8333 +/- 0.6009	9472.6611 +/- 3104.8503	0.8333 +/- 0.4410	6658.0670 +/- 3523.5900
J1c7	J1c	10	4.0000 +/- 1.4402	13372.0000 +/- 4814.5886	2.5556 +/- 1.1493	13204.7852 +/- 5938.4331	1.3333 +/- 0.8165	10653.0670 +/- 6523.8350
J1c8	J1c	3	3.3333 +/- 1.1547	11143.2219 +/- 3860.1621	2.0000 +/- 0.9428	10334.0000 +/- 4871.4476	0.0000 +/- 0.0000	0.0000 +/- 0.0000
J1d	J1	11	5.1818 +/- 0.8767	17322.7574 +/- 2930.8081	3.2727 +/- 0.6680	16910.0409 +/- 3451.5560	1.8182 +/- 0.4979	14527.4180 +/- 3978.2210
J1d1	J1d	3	4.3333 +/- 1.3744	14486.2219 +/- 4594.6192	3.0000 +/- 1.1055	15501.0000 +/- 5712.1185	1.6667 +/- 0.7454	13316.9330 +/- 5955.7460
J2	J	44	11.4884 +/- 1.9172	38405.7212 +/- 6409.1996	6.5349 +/- 1.4037	33765.8283 +/- 7252.9179	4.4186 +/- 1.1478	35304.6140 +/- 9170.9220

J2a	J2	22	12.0000 +/- 2.7038	40116.0000 +/- 9038.8034	5.6190 +/- 1.7050	29033.3730 +/- 8809.7350	4.3333 +/- 1.5584	34623.0670 +/- 12451.6160
J2a1	J2a	19	5.1667 +/- 1.6657	17272.2781 +/- 5568.4351	3.3333 +/- 1.3472	17223.1611 +/- 6960.9824	2.1111 +/- 1.0858	16867.6890 +/- 8675.5420
J2a1a	J2a1	18	3.0000 +/- 1.0407	10029.0000 +/- 3479.0601	2.1765 +/- 1.0069	11245.9755 +/- 5202.6523	0.8824 +/- 0.5487	7050.3760 +/- 4384.1130
J2a1a1	J2a1a	14	1.9286 +/- 0.7389	6447.3098 +/- 2470.1427	1.2143 +/- 0.6814	6274.2881 +/- 3520.7938	1.0000 +/- 0.6624	7990.0000 +/- 5292.5760
J2a1a1a	J2a1a1	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
J2a1a1b	J2a1a1	9	0.8889 +/- 0.3514	2971.5927 +/- 1174.7302	0.3333 +/- 0.1925	1722.1611 +/- 994.6475	0.2222 +/- 0.1571	1775.3780 +/- 1255.2290
J2a2	J2a	3	7.0000 +/- 1.5275	23401.0000 +/- 5106.4325	3.3333 +/- 1.0541	17223.1611 +/- 5446.5347	1.6667 +/- 0.7454	13316.9330 +/- 5955.7460
J2a2a	J2a2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
J2b	J2	22	5.1364 +/- 1.2832	17170.9852 +/- 4289.7376	3.5000 +/- 1.0275	18084.5000 +/- 5309.0925	2.5909 +/- 0.9990	20701.2910 +/- 7982.0100
J2b1	J2b	20	4.1500 +/- 0.9708	13873.4500 +/- 3245.3844	2.4500 +/- 0.4873	12659.1500 +/- 2517.8791	1.6500 +/- 0.4330	13183.5000 +/- 3459.6700
J2b1a	J2b1	16	3.2500 +/- 0.6374	10864.7500 +/- 2130.8282	2.2500 +/- 0.5590	11625.7500 +/- 2888.3530	1.6250 +/- 0.5154	12983.7500 +/- 4118.0460
J2b1a1	J2b1a	3	2.6667 +/- 1.2472	8914.7781 +/- 4169.3896	1.0000 +/- 0.7454	5167.0000 +/- 3851.4818	0.0000 +/- 0.0000	0.0000 +/- 0.0000
J2b1a2	J2b1a	6	2.6667 +/- 0.7817	8914.7781 +/- 2613.2231	1.8333 +/- 0.6455	9472.6611 +/- 3335.2985	1.5000 +/- 0.6009	11985.0000 +/- 4801.1910
J2b1a3	J2b1a	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
J2b1b	J2b1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
JT	R2JT	546	18.2726 +/- 2.3629	61085.3018 +/- 7899.1747	12.0295 +/- 2.0117	62156.4265 +/- 10394.4539	5.8987 +/- 1.3596	47130.6130 +/- 10863.2040
L		9095	56.3663 +/-	188432.5409 +/-	37.8853 +/-	195753.3451 +/-	22.8577 +/- 3.6420	182633.0230 +/-

			5.7753	19306.8279	4.6960	24264.2320		29099.5800
L0	L	117	41.2051 +/- 4.1008	137748.6493 +/- 13708.9744	24.4274 +/- 2.9541	126216.3758 +/- 15263.8347	15.3077 +/- 2.3666	122308.5230 +/- 18909.1340
L0a	L0a'b	79	14.1519 +/- 1.8474	47309.8017 +/- 6175.8582	7.6835 +/- 1.2704	39700.6445 +/- 6564.1568	4.5443 +/- 0.9824	36308.9570 +/- 7849.3760
L0a1	L0a1'4	47	8.2766 +/- 1.4018	27668.6738 +/- 4686.2174	4.2766 +/- 0.8878	22097.1922 +/- 4587.2626	2.0851 +/- 0.5416	16659.9490 +/- 4327.3840
L0a1'4	L0a	48	9.3958 +/- 1.6880	31410.1594 +/- 5642.9840	5.3958 +/- 1.3112	27880.0986 +/- 6774.9704	3.1458 +/- 1.1147	25134.9420 +/- 8906.4530
L0a1a	L0a1	22	5.6364 +/- 1.1748	18842.4852 +/- 3927.3564	2.8182 +/- 0.6742	14561.6394 +/- 3483.5914	1.3182 +/- 0.2531	10532.4180 +/- 2022.2690
L0a1a2	L0a1a	13	4.0769 +/- 0.7418	13629.0767 +/- 2479.8374	1.8462 +/- 0.3922	9539.3154 +/- 2026.4974	1.1538 +/- 0.3172	9218.8620 +/- 2534.4280
L0a1b	L0a1	18	3.6111 +/- 1.0349	12071.9073 +/- 3459.6707	3.2778 +/- 1.0259	16936.3926 +/- 5300.8253	2.1111 +/- 0.9196	16867.6890 +/- 7347.6040
L0a1b1	L0a1b	12	2.3333 +/- 1.0206	7800.2219 +/- 3411.8658	2.1667 +/- 1.0138	11195.3389 +/- 5238.3046	1.1667 +/- 0.8498	9321.9330 +/- 6789.9020
L0a1b1a	L0a1b1	10	1.3000 +/- 0.6708	4345.9000 +/- 2242.4844	1.2000 +/- 0.6633	6200.4000 +/- 3427.2711	0.3000 +/- 0.1732	2397.0000 +/- 1383.8680
L0a1b1a1	L0a1b1a	5	0.6000 +/- 0.3464	2005.8000 +/- 1158.0152	0.4000 +/- 0.2828	2066.8000 +/- 1461.2276	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
L0a1b2	L0a1b	4	1.5000 +/- 0.7906	5014.5000 +/- 2642.9758	1.5000 +/- 0.7906	7750.5000 +/- 4085.0302	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
L0a1b2a	L0a1b2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L0a1c	L0a1	2	5.0000 +/- 1.5811	16715.0000 +/- 5285.6173	4.5000 +/- 1.5000	23251.5000 +/- 7750.5000	3.0000 +/- 1.2247	23970.0000 +/- 9785.3530
L0a1d	L0a1	5	1.6000 +/- 0.6928	5348.8000 +/- 2316.0304	0.8000 +/- 0.4899	4133.6000 +/- 2531.3133	0.6000 +/- 0.4472	4794.0000 +/- 3573.1280
L0a2	L0a	30	10.5333 +/- 1.7988	35212.8219 +/- 6013.3884	6.1667 +/- 1.3329	31863.3389 +/- 6887.0943	4.7333 +/- 1.2266	37819.0670 +/- 9800.5340
L0a2a	L0a2	13	6.7692 +/- 1.5461	22629.4356 +/- 5168.6123	4.1538 +/- 1.1767	21462.6846 +/- 6080.0089	3.2308 +/- 1.1200	25814.0920 +/- 8948.8000
			4.6000	15377.8000	3.0000	15501.0000		11186.0000

L0a2a1	L0a2a	5	+/- 1.1832	+/- 3955.4376	+/- 1.0000	+/- 5167.0000	1.4000 +/- 0.7211	+/- 5761.5890
L0a2a1a	L0a2a1	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L0a2a2	L0a2a	8	2.8750 +/- 0.9922	9611.1250 +/- 3316.9246	2.2500 +/- 0.9354	11625.7500 +/- 4833.2118	1.7500 +/- 0.8478	13982.5000 +/- 6773.9220
L0a2a2a	L0a2a2	5	1.8000 +/- 0.6633	6017.4000 +/- 2217.4119	0.8000 +/- 0.4000	4133.6000 +/- 2066.8000	0.6000 +/- 0.3464	4794.0000 +/- 2767.7360
L0a2b	L0a2	14	1.6429 +/- 0.9175	5492.2147 +/- 3067.2025	0.7857 +/- 0.3273	4059.7119 +/- 1691.1591	0.2857 +/- 0.1750	2282.7430 +/- 1398.2500
L0a2c	L0a2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L0a2d	L0a2	2	11.5000 +/- 2.3979	38444.5000 +/- 8016.1797	7.0000 +/- 1.8708	36169.0000 +/- 9666.4236	3.5000 +/- 1.3229	27965.0000 +/- 10569.9710
L0a3	L0a	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L0a4	L0a1'4	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L0a'b	L0a'b'f	80	22.1000 +/- 3.3365	73880.3000 +/- 11153.9195	11.6625 +/- 2.3401	60260.1375 +/- 12091.2967	7.5375 +/- 1.9666	60224.6250 +/- 15713.1340
L0a'b'f	L0a'b'fk	86	29.7558 +/- 3.9748	99473.6394 +/- 13287.7564	15.6163 +/- 2.7223	80689.4221 +/- 14066.1241	10.1860 +/- 2.2654	81386.1400 +/- 18100.5460
L0a'b'fk	L0	93	38.7634 +/- 4.6259	129586.0462 +/- 15464.3837	21.4086 +/- 3.2822	110618.2362 +/- 16959.1274	12.8495 +/- 2.4915	102667.5050 +/- 19907.0850
L0b	L0a'b	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L0d	L0	24	24.1667 +/- 2.6971	80789.2781 +/- 9016.4053	18.3750 +/- 2.3684	94943.6250 +/- 12237.5228	11.0833 +/- 1.9650	88555.5670 +/- 15700.3500
L0d1	L0d1'2	13	15.1538 +/- 2.2308	50659.1534 +/- 7457.5644	9.7692 +/- 1.7252	50477.4564 +/- 8914.1084	5.1538 +/- 1.2756	41178.8620 +/- 10192.0440
L0d1'2	L0d	22	20.8636 +/- 2.3386	69747.0148 +/- 7817.9398	16.2273 +/- 2.1296	83846.4591 +/- 11003.6432	9.2727 +/- 1.5929	74088.8730 +/- 12727.2710
L0d1a	L0d1	3	4.6667 +/- 1.4907	15600.7781 +/- 4983.4101	3.0000 +/- 1.2019	15501.0000 +/- 6210.2173	1.0000 +/- 0.7454	7990.0000 +/- 5955.7460

L0d1a1	L0d1a	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L0d1b	L0d1	3	8.3333 +/- 1.8559	27858.2219 +/- 6204.2737	6.6667 +/- 1.6330	34446.8389 +/- 8437.7110	3.3333 +/- 1.1547	26633.0670 +/- 9226.0530
L0d1b1	L0d1b	2	4.5000 +/- 1.5000	15043.5000 +/- 5014.5000	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	2.0000 +/- 1.0000	15980.0000 +/- 7990.0000
L0d1c	L0d1	7	7.5714 +/- 1.9219	25311.1902 +/- 6424.9117	4.5714 +/- 1.4286	23620.4238 +/- 7381.5762	2.5714 +/- 1.1606	20545.4860 +/- 9273.1940
L0d1c1	L0d1c	5	1.8000 +/- 0.8246	6017.4000 +/- 2756.6378	1.6000 +/- 0.8000	8267.2000 +/- 4133.6000	1.0000 +/- 0.7211	7990.0000 +/- 5761.5890
L0d1c1a	L0d1c1	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L0d1c1b	L0d1c1	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L0d2	L0d1'2	9	15.8889 +/- 2.4216	53116.5927 +/- 8095.4088	12.3333 +/- 2.1111	63726.1611 +/- 10908.0537	7.3333 +/- 1.6102	58593.0670 +/- 12865.4980
L0d2a1	L0d2a'b	5	2.6000 +/- 0.8718	8691.8000 +/- 2914.4274	1.4000 +/- 0.7211	7233.8000 +/- 3725.9237	0.6000 +/- 0.3464	4794.0000 +/- 2767.7360
L0d2a'b	L0d2	6	12.8333 +/- 2.8038	42901.7219 +/- 9373.1034	9.8333 +/- 2.5000	50808.6611 +/- 12917.5000	5.1667 +/- 1.7559	41281.9330 +/- 14029.6410
L0d2b	L0d2a'b	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L0d2c	L0d2	3	6.0000 +/- 1.8257	20058.0000 +/- 6103.3151	5.3333 +/- 1.7638	27557.1611 +/- 9113.5546	1.6667 +/- 1.0000	13316.9330 +/- 7990.0000
L0d3	L0d	2	9.5000 +/- 2.1794	31758.5000 +/- 7285.7342	6.0000 +/- 1.7321	31002.0000 +/- 8949.7607	4.0000 +/- 1.4142	31960.0000 +/- 11299.4580
L0f	L0a'b'f	6	24.5000 +/- 2.8819	81903.5000 +/- 9634.1917	19.3333 +/- 2.5927	99895.1611 +/- 13396.4809	11.8333 +/- 2.0480	94548.0670 +/- 16363.5200
L0f1	L0f	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
L0f2	L0f	4	20.2500 +/- 2.9262	67695.7500 +/- 9782.2866	15.5000 +/- 2.5495	80088.5000 +/- 13173.2665	8.2500 +/- 1.8200	65917.5000 +/- 14541.8000
L0f2a	L0f2	3	15.0000 +/- 2.8087	50145.0000 +/- 9389.4841	11.3333 +/- 2.4037	58559.1611 +/- 12419.9179	6.0000 +/- 1.6997	47940.0000 +/- 13580.6030

L0f2a1	L0f2a	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
L0f2b	L0f2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L0k	L0ab'fk	7	12.8571 +/- 2.8212	42981.2853 +/- 9431.2716	8.1429 +/- 2.2723	42074.3643 +/- 11740.9741	6.0000 +/- 2.0603	47940.0000 +/- 16461.7970
L0k1	L0k	6	3.6667 +/- 1.2019	12257.7781 +/- 4017.9517	2.3333 +/- 0.9129	12056.1611 +/- 4716.9543	1.5000 +/- 0.8333	11985.0000 +/- 6658.0670
L0k2	L0k	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L1	L1-6	284	41.5818 +/- 3.9699	139007.9574 +/- 13271.3757	26.6364 +/- 3.0992	137630.2788 +/- 16013.5664	17.3273 +/- 2.5577	138445.1270 +/- 20436.0230
L1-6	L	8978	48.4342 +/- 5.1218	161915.5306 +/- 17122.1774	32.9572 +/- 4.1993	170289.8524 +/- 21697.7831	19.8649 +/- 3.2578	158720.5510 +/- 26029.8220
L1b	L1	80	11.2692 +/- 2.5209	37672.9356 +/- 8427.3687	7.6026 +/- 2.1030	39282.6342 +/- 10866.2010	4.9487 +/- 1.6442	39540.1130 +/- 13137.1580
L1b1	L1b	74	5.1667 +/- 1.1904	17272.2781 +/- 3979.5072	3.7083 +/- 1.0834	19160.7861 +/- 5597.9278	2.9861 +/- 1.0768	23858.9390 +/- 8603.6320
L1b1a	L1b1	74	4.1667 +/- 0.6458	13929.2781 +/- 2158.9094	2.7083 +/- 0.4169	13993.7861 +/- 2154.1223	1.9861 +/- 0.3994	15868.9390 +/- 3191.2060
L1b1a2	L1b1a	5	3.0000 +/- 1.0607	10029.0000 +/- 3545.9201	1.7500 +/- 0.6614	9042.2500 +/- 3417.4538	1.0000 +/- 0.5000	7990.0000 +/- 3995.0000
L1b1a2a	L1b1a2	4	1.6667 +/- 0.7454	5571.7781 +/- 2491.8722	1.3333 +/- 0.6667	6889.1611 +/- 3444.8389	1.3333 +/- 0.6667	10653.0670 +/- 5326.9330
L1b1a3	L1b1a	21	2.1905 +/- 0.6835	7322.8415 +/- 2284.9405	2.0000 +/- 0.6768	10334.0000 +/- 3497.0256	1.5238 +/- 0.6529	12175.1620 +/- 5216.6710
L1b1a3a	L1b1a3	12	1.8333 +/- 0.5774	6128.7219 +/- 1930.2482	1.6667 +/- 0.5652	8611.8389 +/- 2920.3884	1.0833 +/- 0.4930	8655.5670 +/- 3939.0700
L1b1a3a1	L1b1a3a	5	1.0000 +/- 0.5292	3343.0000 +/- 1769.1156	0.8000 +/- 0.4899	4133.6000 +/- 2531.3133	0.2000 +/- 0.2000	1598.0000 +/- 1598.0000
L1b1a4	L1b1a	6	3.0000 +/- 0.9428	10029.0000 +/- 3151.7804	1.8333 +/- 0.7993	9472.6611 +/- 4129.9831	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
L1b1a5	L1b1a	2	0.0000 +/-	0.0000 +/- 0.0000	0.0000 +/-	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000

			0.0000		0.0000			
L1b1a6	L1b1a	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
L1b1a7	L1b1a	4	1.7500 +/- 0.8292	5850.2500 +/- 2772.0156	1.2500 +/- 0.6614	6458.7500 +/- 3417.4538	0.5000 +/- 0.3536	3995.0000 +/- 2825.2640
L1c	L1	204	29.8731 +/- 3.3564	99865.7733 +/- 11220.4452	18.8376 +/- 2.5525	97333.8792 +/- 13188.7675	12.0609 +/- 2.0173	96366.5910 +/- 16118.2270
L1c1	L1c1'2'4'6	143	22.9275 +/- 3.4588	76646.6325 +/- 11562.7684	13.3696 +/- 2.6082	69080.7232 +/- 13476.5694	9.0290 +/- 2.1675	72141.7100 +/- 17318.3250
L1c1'2'4'6	L1c	183	27.2655 +/- 3.2846	91148.5665 +/- 10980.4178	17.5932 +/- 2.6329	90904.0644 +/- 13604.1943	12.1073 +/- 2.2256	96737.3270 +/- 17782.5440
L1c1a	L1c1	134	19.2424 +/- 3.0101	64327.3432 +/- 10062.7643	10.4470 +/- 2.1036	53979.6490 +/- 10869.3012	7.1288 +/- 1.7689	56959.1120 +/- 14133.5110
L1c1a1	L1c1a	92	16.9444 +/- 3.6427	56645.1292 +/- 12177.5461	7.5333 +/- 2.3217	38924.5611 +/- 11996.2239	5.4778 +/- 2.0707	43767.6220 +/- 16544.8930
L1c1a1a	L1c1a1	91	11.9444 +/- 2.8757	39930.1292 +/- 9613.4651	6.5333 +/- 2.0953	33757.5611 +/- 10826.4151	4.4778 +/- 1.8132	35777.6220 +/- 14487.4680
L1c1a1a1	L1c1a1a	87	5.2326 +/- 1.4302	17492.5818 +/- 4781.1586	2.6512 +/- 0.8945	13698.7504 +/- 4621.8815	1.5930 +/- 0.7723	12728.0700 +/- 6170.6770
L1c1a1a1a	L1c1a1a1	36	1.0000 +/- 0.3865	3343.0000 +/- 1292.0695	0.6571 +/- 0.3369	3395.2357 +/- 1740.7623	0.0286 +/- 0.0286	228.5140 +/- 228.5140
L1c1a1a1b	L1c1a1a1	51	1.7059 +/- 0.6253	5702.8237 +/- 2090.3779	1.2745 +/- 0.5813	6585.3415 +/- 3003.5771	0.6078 +/- 0.5316	4856.3220 +/- 4247.4840
L1c1a1a2	L1c1a1a	4	1.7500 +/- 1.0897	5850.2500 +/- 3642.8671	1.0000 +/- 0.7906	5167.0000 +/- 4085.0302	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L1c1a1b	L1c1a1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L1c1a2	L1c1a	42	4.7381 +/- 1.3386	15839.4683 +/- 4474.9398	4.4048 +/- 1.3318	22759.6016 +/- 6881.4106	3.5238 +/- 1.2755	28155.1620 +/- 10191.2450
L1c1a2a	L1c1a2	12	2.5000 +/- 0.8819	8357.5000 +/- 2948.1917	1.9167 +/- 0.8207	9903.5889 +/- 4240.5569	0.9167 +/- 0.4488	7324.4330 +/- 3585.9120
L1c1a2a1	L1c1a2a	8	1.2500 +/- 0.6124	4178.7500 +/- 2047.2532	0.6250 +/- 0.4146	3229.3750 +/- 2142.2382	0.5000 +/- 0.3953	3995.0000 +/- 3158.4470
			0.5200	1738.3600	0.4400	2273.4800	0.1200 +/-	958.8000 +/-

L1c1a2b	L1c1a2	25	+/- 0.2154	+/- 720.0822	+/- 0.2000	+/- 1033.4000	0.0693	553.7070
L1c1b	L1c1b'c'd	3	6.0000 +/- 1.6997	20058.0000 +/- 5682.0971	5.0000 +/- 1.5275	25835.0000 +/- 7892.5925	3.0000 +/- 1.2019	23970.0000 +/- 9603.1810
L1c1b'c'd	L1c1	9	15.0000 +/- 2.5055	50145.0000 +/- 8375.8865	11.6667 +/- 2.1985	60281.8389 +/- 11359.6495	6.8333 +/- 1.6583	54598.0670 +/- 13249.8170
L1c1c	L1c1c'd	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L1c1c'd	L1c1b'c'd	6	9.0000 +/- 2.6874	30087.0000 +/- 8983.9782	7.3333 +/- 2.4495	37891.1611 +/- 12656.5665	5.6667 +/- 2.1344	45276.9330 +/- 17053.8560
L1c1d	L1c1c'd	5	6.0000 +/- 2.0548	20058.0000 +/- 6869.1964	5.3333 +/- 2.0000	27557.1611 +/- 10334.0000	4.6667 +/- 1.8856	37286.9330 +/- 15065.9440
L1c2	L1c2'4	15	14.3571 +/- 1.8169	47995.7853 +/- 6073.8967	10.3571 +/- 1.5795	53515.1357 +/- 8161.2765	6.2143 +/- 1.3113	49652.2570 +/- 10477.2870
L1c2'4	L1c1'2'4'6	38	23.0541 +/- 2.9802	77069.8563 +/- 9962.8086	16.4865 +/- 2.5174	85185.7455 +/- 13007.4058	10.4865 +/- 2.0608	83787.1350 +/- 16465.7920
L1c2a	L1c2	8	11.0000 +/- 2.0000	36773.0000 +/- 6686.0000	7.7500 +/- 1.6394	40044.2500 +/- 8470.7798	5.6250 +/- 1.4948	44943.7500 +/- 11943.4520
L1c2a1	L1c2a	4	1.0000 +/- 0.5000	3343.0000 +/- 1671.5000	1.0000 +/- 0.5000	5167.0000 +/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L1c2a2	L1c2a	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
L1c2b	L1c2	7	12.8333 +/- 1.8782	42901.7219 +/- 6278.8226	8.8333 +/- 1.5723	45641.6611 +/- 8124.0741	3.3333 +/- 0.9129	26633.0670 +/- 7294.0710
L1c2b1	L1c2b	4	12.3333 +/- 2.1344	41230.2219 +/- 7135.2992	8.0000 +/- 1.6997	41336.0000 +/- 8782.3499	4.0000 +/- 1.1547	31960.0000 +/- 9226.0530
L1c2b1a	L1c2b1	2	11.0000 +/- 2.3452	36773.0000 +/- 7840.0036	7.5000 +/- 1.9365	38752.5000 +/- 10005.8955	4.5000 +/- 1.5000	35955.0000 +/- 11985.0000
L1c2b2	L1c2b	3	9.3333 +/- 2.3570	31201.2219 +/- 7879.4510	6.6667 +/- 2.0000	34446.8389 +/- 10334.0000	1.6667 +/- 1.0000	13316.9330 +/- 7990.0000
L1c3	L1c	21	18.4000 +/- 2.2405	61511.2000 +/- 7489.9915	14.0000 +/- 1.9672	72338.0000 +/- 10164.5224	6.6500 +/- 1.3720	53133.5000 +/- 10962.2800
L1c3a	L1c3	12	8.0000 +/- 1.2597	26744.0000 +/- 4211.1771	5.5455 +/- 1.1097	28653.5985 +/- 5733.8199	2.9091 +/- 0.6803	23243.7090 +/- 5435.5970

L1c3a1	L1c3a	8	8.5714 +/- 1.5649	28654.1902 +/- 5231.4607	5.7143 +/- 1.3093	29525.7881 +/- 6765.1531	3.2857 +/- 0.9583	26252.7430 +/- 7656.8170
L1c3b	L1c3b'c	8	16.2500 +/- 2.5556	54323.7500 +/- 8543.3708	14.0000 +/- 2.4749	72338.0000 +/- 12787.8083	4.6250 +/- 1.1250	36953.7500 +/- 8988.7500
L1c3b'c	L1c3	9	19.3333 +/- 2.9102	64631.2219 +/- 9728.7986	16.0000 +/- 2.7035	82672.0000 +/- 13968.9845	6.3333 +/- 1.6216	50603.0670 +/- 12956.5840
L1c3c	L1c3b'c	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L1c4	L1c2'4	23	9.0435 +/- 2.3056	30232.4205 +/- 7707.6208	6.7391 +/- 2.0351	34820.9297 +/- 10515.3617	4.4348 +/- 1.7693	35434.0520 +/- 14136.7070
L1c6	L1c1'2'4'6	2	18.5000 +/- 3.0414	61845.5000 +/- 10167.4002	12.5000 +/- 2.5000	64587.5000 +/- 12917.5000	8.5000 +/- 2.0616	67915.0000 +/- 16472.1840
L2	L2'3'4'6	362	25.2409 +/- 3.2105	84380.3287 +/- 10732.7015	16.2633 +/- 2.5766	84032.4711 +/- 13313.2922	11.4482 +/- 2.3898	91471.1180 +/- 19094.5020
L2'3'4'6	L2-6	8682	32.4668 +/- 3.4601	108536.5124 +/- 11567.1143	22.9621 +/- 2.9663	118645.1707 +/- 15326.8721	13.8441 +/- 2.3061	110614.3590 +/- 18425.7390
L2-6	L1-6	8694	44.4614 +/- 4.8899	148634.4602 +/- 16346.9357	28.9674 +/- 3.8420	149674.5558 +/- 19851.6140	18.8502 +/- 3.2081	150613.0980 +/- 25632.7190
L2a	L2a-d	275	19.9817 +/- 3.3668	66798.8231 +/- 11255.2124	13.1832 +/- 2.8221	68117.5944 +/- 14581.7907	10.3443 +/- 2.6216	82650.9570 +/- 20946.5840
L2a1	L2a	246	8.3893 +/- 1.1973	28045.4299 +/- 4002.5739	4.7213 +/- 0.7151	24394.9571 +/- 3694.9217	3.1844 +/- 0.6305	25443.3560 +/- 5037.6950
L2a1a	L2a1	74	4.4865 +/- 1.0323	14998.3695 +/- 3450.9789	2.1351 +/- 0.3129	11032.0617 +/- 1616.7543	1.3784 +/- 0.2627	11013.4160 +/- 2098.9730
L2a1a1	L2a1a	8	2.0000 +/- 0.6847	6686.0000 +/- 2288.9521	1.0000 +/- 0.3953	5167.0000 +/- 2042.5151	0.8750 +/- 0.3750	6991.2500 +/- 2996.2500
L2a1a2	L2a1a	34	3.3529 +/- 0.5611	11208.7447 +/- 1875.7573	2.5000 +/- 0.5335	12917.5000 +/- 2756.5945	1.5000 +/- 0.4170	11985.0000 +/- 3331.8300
L2a1a2a	L2a1a2	10	4.0000 +/- 1.3342	13372.0000 +/- 4460.2306	3.2000 +/- 1.2806	16534.4000 +/- 6616.8602	2.5000 +/- 1.2450	19975.0000 +/- 9947.5500
L2a1a2b	L2a1a2	4	2.0000 +/- 0.8660	6686.0000 +/- 2895.0380	1.5000 +/- 0.7906	7750.5000 +/- 4085.0302	1.5000 +/- 0.7906	11985.0000 +/- 6316.8940
L2a1a3	L2a1a	4	2.5000 +/- 1.0000	8357.5000 +/- 3343.0000	1.7500 +/- 0.9014	9042.2500 +/- 4657.5338	1.2500 +/- 0.8292	9987.5000 +/- 6625.3080

L2a1b	L2a1	8	3.3750 +/- 1.0232	11282.6250 +/- 3420.5576	1.8750 +/- 0.8004	9688.1250 +/- 4135.6668	1.1250 +/- 0.5995	8988.7500 +/- 4790.0050
L2a1b1	L2a1b	4	0.5000 +/- 0.3536	1671.5000 +/- 1182.0848	0.2500 +/- 0.2500	1291.7500 +/- 1291.7500	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
L2a1c	L2a1	55	6.4444 +/- 0.7421	21543.6292 +/- 2480.8403	4.1481 +/- 0.6080	21433.2327 +/- 3141.5360	2.4815 +/- 0.4421	19827.1850 +/- 3532.3790
L2a1c1	L2a1c	8	5.1250 +/- 1.4087	17132.8750 +/- 4709.2841	2.7500 +/- 0.6124	14209.2500 +/- 3164.2708	1.8750 +/- 0.5154	14981.2500 +/- 4118.0460
L2a1c2	L2a1c	13	5.6923 +/- 1.0147	19029.3589 +/- 3392.1421	2.9231 +/- 0.5217	15103.6577 +/- 2695.6239	1.6154 +/- 0.3689	12907.0460 +/- 2947.5110
L2a1c3	L2a1c	8	7.1250 +/- 1.4416	23818.8750 +/- 4819.2688	4.0000 +/- 0.9520	20668.0000 +/- 4918.9840	2.6250 +/- 0.7395	20973.7500 +/- 5908.6050
L2a1c4	L2a1c	12	2.1667 +/- 0.4714	7243.2781 +/- 1575.8902	1.6667 +/- 0.4249	8611.8389 +/- 2195.4583	1.1667 +/- 0.3727	9321.9330 +/- 2977.8730
L2a1d	L2a1	3	4.3333 +/- 1.2910	14486.2219 +/- 4315.8130	2.3333 +/- 1.0000	12056.1611 +/- 5167.0000	2.0000 +/- 0.9428	15980.0000 +/- 7532.9720
L2a1e	L2a1	8	5.2500 +/- 1.5712	17550.7500 +/- 5252.5216	4.5000 +/- 1.4361	23251.5000 +/- 7420.3287	2.3750 +/- 1.0232	18976.2500 +/- 8175.3680
L2a1e1	L2a1e	7	3.5714 +/- 1.0785	11939.1902 +/- 3605.4255	2.7143 +/- 0.7954	14024.7881 +/- 4109.8318	1.4286 +/- 0.5714	11414.5140 +/- 4565.4860
L2a1f	L2a1	37	3.5405 +/- 0.7601	11835.8915 +/- 2541.0143	2.4054 +/- 0.4108	12428.7018 +/- 2122.6036	1.2973 +/- 0.2506	10365.4270 +/- 2002.2940
L2a1f1	L2a1f	10	3.4000 +/- 0.8485	11366.2000 +/- 2836.5355	3.4000 +/- 0.8485	17567.8000 +/- 4384.1995	2.2000 +/- 0.6928	17578.0000 +/- 5535.4720
L2a1h	L2a1	2	5.0000 +/- 1.5811	16715.0000 +/- 5285.6173	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	3.0000 +/- 1.2247	23970.0000 +/- 9785.3530
L2a1i	L2a1	8	2.8750 +/- 0.7603	9611.1250 +/- 2541.6829	2.2500 +/- 0.6847	11625.7500 +/- 3537.8449	1.3750 +/- 0.5154	10986.2500 +/- 4118.0460
L2a1j	L2a1	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L2a1k	L2a1	2	3.0000 +/- 1.7321	10029.0000 +/- 5790.4103	2.0000 +/- 1.4142	10334.0000 +/- 7307.1714	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L2a1l	L2a1	19	4.6842 +/-	15659.2806 +/-	2.1053 +/-	10878.0851 +/-	1.8421 +/-	14718.3790 +/-

			0.9575	3200.9225	0.6740	3482.5580	0.7236	5781.5640
L2a1l1	L2a1l	11	4.0000 +/- 0.9535	13372.0000 +/- 3187.5505	1.4545 +/- 0.3857	7515.4015 +/- 1992.9119	0.9091 +/- 0.3149	7263.7090 +/- 2516.0510
L2a1l2	L2a1l	7	3.1429 +/- 0.9689	10506.7147 +/- 3239.0327	1.5714 +/- 0.6851	8119.4238 +/- 3539.9117	0.7143 +/- 0.3194	5707.2570 +/- 2552.0060
L2a2	L2a2'3	16	8.2500 +/- 1.9121	27579.7500 +/- 6392.1503	6.9375 +/- 1.7799	35846.0625 +/- 9196.7433	4.6875 +/- 1.5600	37453.1250 +/- 12464.4000
L2a2'3	L2a2'3'4	17	9.0000 +/- 2.0352	30087.0000 +/- 6803.6736	7.5882 +/- 1.9233	39208.2294 +/- 9937.6911	5.4118 +/- 1.7450	43240.2820 +/- 13942.5500
L2a2'3'4	L2a	27	12.9259 +/- 2.1883	43211.2837 +/- 7315.4869	9.8148 +/- 1.8794	50713.0716 +/- 9710.8598	5.7407 +/- 1.4272	45868.1930 +/- 11403.3280
L2a2a	L2a2	4	4.0000 +/- 1.2247	13372.0000 +/- 4094.1721	3.0000 +/- 1.1180	15501.0000 +/- 5776.7060	2.7500 +/- 1.0897	21972.5000 +/- 8706.7030
L2a2a1	L2a2a	3	3.0000 +/- 1.1055	10029.0000 +/- 3695.6865	2.0000 +/- 0.9428	10334.0000 +/- 4871.4476	2.0000 +/- 0.9428	15980.0000 +/- 7532.9720
L2a2b	L2a2	12	6.3333 +/- 1.9720	21172.2219 +/- 6592.3960	5.2500 +/- 1.7776	27126.7500 +/- 9184.8592	3.3333 +/- 1.4814	26633.0670 +/- 11836.3860
L2a2b1	L2a2b	10	1.6000 +/- 0.6633	5348.8000 +/- 2217.4119	1.6000 +/- 0.6633	8267.2000 +/- 3427.2711	0.6000 +/- 0.3162	4794.0000 +/- 2526.4380
L2a3	L2a2'3	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L2a4	L2a2'3'4	10	1.8000 +/- 0.6164	6017.4000 +/- 2060.6252	1.2000 +/- 0.5292	6200.4000 +/- 2734.3764	0.3000 +/- 0.2236	2397.0000 +/- 1786.5640
L2a5	L2a	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L2a-d	L2	358	23.1331 +/- 2.9222	77333.9533 +/- 9768.9146	15.1841 +/- 2.4058	78456.2447 +/- 12430.7686	10.4249 +/- 2.2000	83294.9510 +/- 17578.0000
L2b	L2b'c	32	10.4000 +/- 1.8553	34767.2000 +/- 6202.2679	6.0667 +/- 1.3433	31346.6389 +/- 6940.8311	3.8000 +/- 1.1055	30362.0000 +/- 8832.9450
L2b1	L2b	22	6.1905 +/- 1.3058	20694.8415 +/- 4365.2894	3.0000 +/- 0.6442	15501.0000 +/- 3328.5814	1.8095 +/- 0.5303	14457.9050 +/- 4237.0970
L2b1a	L2b1	17	4.3750 +/- 0.8750	14625.6250 +/- 2925.1250	3.3125 +/- 0.8077	17115.6875 +/- 4173.3859	1.9375 +/- 0.6585	15480.6250 +/- 5261.4150
			6.2000	20726.6000	4.6000	23768.2000		17578.0000

L2b1a2	L2b1a	6	+/- 1.5362	+/- 5135.5166	+/- 1.3115	+/- 6776.5205	2.2000 +/- 0.8246	+/- 6588.5540
L2b1a3	L2b1a	9	1.2222 +/- 0.4581	4085.8146 +/- 1531.4283	0.5556 +/- 0.2940	2870.7852 +/- 1519.0980	0.5556 +/- 0.2940	4439.2440 +/- 2349.0600
L2b2	L2b	5	7.2000 +/- 1.2329	24069.6000 +/- 4121.5847	4.6000 +/- 0.9592	23768.2000 +/- 4956.1864	2.8000 +/- 0.7483	22372.0000 +/- 5978.9170
L2b3	L2b	3	5.0000 +/- 1.5811	16715.0000 +/- 5285.6173	3.5000 +/- 1.3229	18084.5000 +/- 6835.4243	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
L2b'c	L2a-d	73	20.1714 +/- 2.5645	67432.9902 +/- 8573.1235	12.8286 +/- 2.0669	66285.3762 +/- 10679.6723	5.0286 +/- 1.0870	40178.5140 +/- 8685.1300
L2c	L2b'c	41	6.7500 +/- 0.8016	22565.2500 +/- 2679.7488	3.9000 +/- 0.5646	20151.3000 +/- 2917.2882	2.2000 +/- 0.3446	17578.0000 +/- 2753.3540
L2c2	L2c	15	5.9333 +/- 1.1566	19835.0219 +/- 3866.5138	3.3333 +/- 0.5578	17223.1611 +/- 2882.1526	2.2000 +/- 0.4761	17578.0000 +/- 3804.0390
L2c2a	L2c2	4	3.2500 +/- 1.1456	10864.7500 +/- 3829.7408	2.7500 +/- 1.0308	14209.2500 +/- 5326.1436	1.2500 +/- 0.7500	9987.5000 +/- 5992.5000
L2d	L2a-d	10	6.3000 +/- 1.5330	21060.9000 +/- 5124.8190	4.0000 +/- 1.1225	20668.0000 +/- 5799.9575	2.1000 +/- 0.8660	16779.0000 +/- 6919.3400
L2d1	L2d	6	6.1667 +/- 1.6915	20615.2781 +/- 5654.6845	4.3333 +/- 1.4720	22390.1611 +/- 7605.8240	2.1667 +/- 1.0138	17311.9330 +/- 8100.2620
L2e	L2	4	12.7500 +/- 2.1065	42623.2500 +/- 7042.0295	8.2500 +/- 1.5612	42627.7500 +/- 8066.7204	4.5000 +/- 1.0607	35955.0000 +/- 8474.9930
L3	L3'4	8290	22.3755 +/- 1.7447	74801.2965 +/- 5832.5321	16.0279 +/- 1.6098	82816.1593 +/- 8317.8366	9.7643 +/- 1.3368	78016.7570 +/- 10681.0320
L3'4	L3'4'6	8313	25.3891 +/- 2.4522	84875.7613 +/- 8197.7046	18.0335 +/- 2.1373	93179.0945 +/- 11043.4291	9.7705 +/- 1.3335	78066.2950 +/- 10654.6650
L3'4'6	L2'3'4'6	8320	30.3901 +/- 3.3158	101594.1043 +/- 11084.7194	21.0356 +/- 2.7487	108690.9452 +/- 14202.5329	12.7747 +/- 2.1840	102069.8530 +/- 17450.1600
L3a	L3	6	16.6667 +/- 2.1985	55716.7781 +/- 7349.5855	11.3333 +/- 1.8257	58559.1611 +/- 9433.3919	7.3333 +/- 1.4907	58593.0670 +/- 11910.6930
L3b	L3b'f	70	6.7571 +/- 1.3621	22588.9853 +/- 4553.5003	5.1143 +/- 1.3273	26425.5881 +/- 6858.1591	3.5429 +/- 1.3079	28307.7710 +/- 10450.1210
L3b1	L3b	65	5.5846 +/- 1.0602	18669.3178 +/- 3544.2486	4.0000 +/- 1.0121	20668.0000 +/- 5229.5207	2.4462 +/- 0.9835	19545.1380 +/- 7858.1650

L3b1a	L3b1	62	4.6290 +/- 0.4776	15474.7470 +/- 1596.6168	3.0484 +/- 0.3471	15751.0828 +/- 1793.4657	1.5161 +/- 0.2467	12113.6390 +/- 1971.1330
L3b1a1	L3b1a	6	1.3333 +/- 0.6236	4457.2219 +/- 2084.6948	0.5000 +/- 0.2887	2583.5000 +/- 1491.7129	0.1667 +/- 0.1667	1331.9330 +/- 1331.9330
L3b1a2	L3b1a	7	4.5714 +/- 0.9258	15282.1902 +/- 3094.9494	2.8571 +/- 0.6999	14762.6357 +/- 3616.3833	1.7143 +/- 0.5345	13697.2570 +/- 4270.6550
L3b1a3	L3b1a	3	2.3333 +/- 1.1055	7800.2219 +/- 3695.6865	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
L3b1a4	L3b1a	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
L3b1a5	L3b1a	3	4.6667 +/- 1.2472	15600.7781 +/- 4169.3896	3.6667 +/- 1.1055	18945.8389 +/- 5712.1185	2.6667 +/- 0.9428	21306.9330 +/- 7532.9720
L3b1a6	L3b1a	6	2.1667 +/- 0.6455	7243.2781 +/- 2157.9065	1.5000 +/- 0.5528	7750.5000 +/- 2856.3176	0.1667 +/- 0.1667	1331.9330 +/- 1331.9330
L3b1b	L3b1	3	2.6667 +/- 1.0541	8914.7781 +/- 3523.8563	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L3b1b1	L3b1b	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L3b2	L3b	5	6.0000 +/- 1.2961	20058.0000 +/- 4332.8623	4.6000 +/- 1.0770	23768.2000 +/- 5564.8590	2.8000 +/- 0.8944	22372.0000 +/- 7146.2560
L3b'f	L3	138	19.6739 +/- 2.4045	65769.8477 +/- 8038.2435	13.9058 +/- 2.0676	71851.2686 +/- 10683.2892	8.4275 +/- 1.6312	67335.7250 +/- 13033.2880
L3c	L3c'd	2	3.5000 +/- 1.3229	11700.5000 +/- 4422.4547	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	2.0000 +/- 1.0000	15980.0000 +/- 7990.0000
L3c'd	L3	58	16.7241 +/- 2.7630	55908.6663 +/- 9236.7090	13.3103 +/- 2.5575	68774.3201 +/- 13214.6025	7.8966 +/- 1.8810	63093.8340 +/- 15029.1900
L3d	L3c'd	56	10.6607 +/- 1.4724	35638.7201 +/- 4922.2332	8.2679 +/- 1.4141	42720.2393 +/- 7306.6547	4.8571 +/- 0.8860	38808.2290 +/- 7079.1400
L3d1	L3d1-5	37	9.3784 +/- 1.1628	31351.9912 +/- 3887.2404	7.3243 +/- 1.0554	37844.6581 +/- 5453.2518	4.8108 +/- 0.8260	38438.2920 +/- 6599.7400
L3d1-5	L3d	56	9.6607 +/- 1.0808	32295.7201 +/- 3613.1144	7.2679 +/- 0.9998	37553.2393 +/- 5165.9666	4.8571 +/- 0.8860	38808.2290 +/- 7079.1400
L3d1a	L3d1	12	8.0833 +/- 1.8801	27022.4719 +/- 6285.1743	5.7500 +/- 1.5069	29710.2500 +/- 7786.1523	4.1667 +/- 1.2304	33291.9330 +/- 9830.8960

L3d1a1	L3d1a	10	7.0000 +/- 1.6793	23401.0000 +/- 5613.8999	5.4000 +/- 1.4900	27901.8000 +/- 7698.8300	4.8000 +/- 1.4697	38352.0000 +/- 11742.9030
L3d1a1a	L3d1a1	7	1.1429 +/- 0.4041	3820.7147 +/- 1350.9063	0.8571 +/- 0.3499	4428.6357 +/- 1807.9333	0.5714 +/- 0.2857	4565.4860 +/- 2282.7430
L3d1b	L3d1	14	6.5714 +/- 0.9368	21968.1902 +/- 3131.7224	4.6429 +/- 0.7792	23989.8643 +/- 4026.1264	3.1429 +/- 0.6061	25111.7710 +/- 4842.7390
L3d1b1	L3d1b	4	5.0000 +/- 1.3229	16715.0000 +/- 4422.4547	3.0000 +/- 0.9354	15501.0000 +/- 4833.2118	2.0000 +/- 0.7906	15980.0000 +/- 6316.8940
L3d1c	L3d1	8	4.6250 +/- 1.2311	15461.3750 +/- 4115.5673	4.1250 +/- 1.2055	21313.8750 +/- 6228.8185	2.6250 +/- 1.1250	20973.7500 +/- 8988.7500
L3d1d	L3d1	3	1.6667 +/- 0.8819	5571.7781 +/- 2948.1917	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
L3d2	L3d1-5	6	5.0000 +/- 1.0801	16715.0000 +/- 3610.7743	3.5000 +/- 0.8660	18084.5000 +/- 4474.6220	2.3333 +/- 0.7071	18643.0670 +/- 5649.7290
L3d3	L3d1-5	4	7.5000 +/- 1.8028	25072.5000 +/- 6026.7604	4.7500 +/- 1.4361	24543.2500 +/- 7420.3287	2.5000 +/- 1.0607	19975.0000 +/- 8474.9930
L3d3a	L3d3	2	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L3d4	L3d1-5	5	3.4000 +/- 1.1136	11366.2000 +/- 3722.7648	2.0000 +/- 0.9381	10334.0000 +/- 4847.1627	0.2000 +/- 0.2000	1598.0000 +/- 1598.0000
L3d5	L3d1-5	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L3e	L3e'i'k'x	152	11.4400 +/- 1.4401	38243.9200 +/- 4814.2543	6.8867 +/- 1.0145	35583.5789 +/- 5241.9215	4.6333 +/- 0.8774	37020.0670 +/- 7010.4260
L3e1	L3e	42	5.5854 +/- 0.6630	18671.9922 +/- 2216.4090	3.0244 +/- 0.4363	15627.0748 +/- 2254.3621	1.7805 +/- 0.3189	14226.1950 +/- 2548.0110
L3e1a	L3e1	9	5.8889 +/- 1.2522	19686.5927 +/- 4186.1046	3.6667 +/- 1.0244	18945.8389 +/- 5293.0748	2.7778 +/- 0.8535	22194.6220 +/- 6819.4650
L3e1a1	L3e1a	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
L3e1a2	L3e1a	3	0.3333 +/- 0.3333	1114.2219 +/- 1114.2219	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
L3e1a3	L3e1a	4	4.2500 +/- 1.3463	14207.7500 +/- 4500.6809	2.7500 +/- 1.1990	14209.2500 +/- 6195.2330	2.5000 +/- 1.1726	19975.0000 +/- 9369.0740

L3e1b	L3e1	4	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	1.6667 +/- 0.7454	8611.8389 +/- 3851.4818	1.6667 +/- 0.7454	13316.9330 +/- 5955.7460
L3e1c	L3e1	4	2.0000 +/- 0.9354	6686.0000 +/- 3127.0422	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
L3e1d	L3e1	4	4.5000 +/- 1.5000	15043.5000 +/- 5014.5000	3.7500 +/- 1.4361	19376.2500 +/- 7420.3287	2.2500 +/- 1.1456	17977.5000 +/- 9153.3440
L3e1e	L3e1	4	3.0000 +/- 0.9354	10029.0000 +/- 3127.0422	1.5000 +/- 0.6124	7750.5000 +/- 3164.2708	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
L3e1f	L3e1	8	3.7500 +/- 1.7589	12536.2500 +/- 5880.0027	1.0000 +/- 0.8839	5167.0000 +/- 4567.1113	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L3e2	L3e	71	5.6761 +/- 1.1998	18975.2023 +/- 4010.9314	3.3380 +/- 0.5568	17247.4460 +/- 2876.9856	2.0845 +/- 0.4616	16655.1550 +/- 3688.1840
L3e2a	L3e2	19	4.3684 +/- 1.0592	14603.5612 +/- 3540.9056	2.6316 +/- 0.7022	13597.4772 +/- 3628.2674	1.8947 +/- 0.6616	15138.6530 +/- 5286.1840
L3e2a1	L3e2a	13	4.1538 +/- 1.1358	13886.1534 +/- 3796.9794	2.8462 +/- 0.9821	14706.3154 +/- 5074.5107	2.0769 +/- 0.9326	16594.4310 +/- 7451.4740
L3e2a1a	L3e2a1	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L3e2a1b	L3e2a1	11	3.0909 +/- 0.8131	10332.8787 +/- 2718.1933	1.5455 +/- 0.4545	7985.5985 +/- 2348.4015	1.0909 +/- 0.3857	8716.2910 +/- 3081.7430
L3e2a1b1	L3e2a1b	4	2.2500 +/- 0.7500	7521.7500 +/- 2507.2500	2.0000 +/- 0.7071	10334.0000 +/- 3653.5857	1.2500 +/- 0.5590	9987.5000 +/- 4466.4100
L3e2b	L3e2	52	3.0577 +/- 0.3654	10221.8911 +/- 1221.5322	2.5000 +/- 0.3342	12917.5000 +/- 1726.8114	1.4231 +/- 0.2679	11370.5690 +/- 2140.5210
L3e2b1	L3e2b	9	5.4444 +/- 1.1277	18200.6292 +/- 3769.9011	4.1111 +/- 0.9623	21242.0537 +/- 4972.2041	2.2222 +/- 0.6479	17755.3780 +/- 5176.7210
L3e2b2	L3e2b	4	3.5000 +/- 1.2247	11700.5000 +/- 4094.1721	2.7500 +/- 1.0897	14209.2500 +/- 5630.4799	0.5000 +/- 0.3536	3995.0000 +/- 2825.2640
L3e2b3	L3e2b	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
L3e3	L3e3'4	26	6.4231 +/- 1.7196	21472.4233 +/- 5748.6228	5.5769 +/- 1.7006	28815.8423 +/- 8787.0002	2.7308 +/- 1.0885	21819.0920 +/- 8697.1150
L3e3'4	L3e3'4'5	31	13.9000 +/-	46467.7000 +/-	9.9667 +/-	51497.9389 +/-	7.2667 +/-	58060.9330 +/-

			2.8908	9663.9444	2.4488	12652.9496	2.1690	17330.3100
L3e3'4'5	L3e	39	13.2895 +/- 2.4479	44426.7985 +/- 8183.3297	9.4211 +/- 2.1030	48678.8237 +/- 10866.2010	6.2895 +/- 1.7282	50253.1050 +/- 13808.3180
L3e3a	L3e3	7	1.2857 +/- 0.4286	4298.0951 +/- 1432.8098	1.0000 +/- 0.3780	5167.0000 +/- 1953.1260	0.5714 +/- 0.2857	4565.4860 +/- 2282.7430
L3e3b	L3e3	19	2.5789 +/- 0.4909	8621.2627 +/- 1641.0787	1.5263 +/- 0.3531	7886.3921 +/- 1824.4677	1.1579 +/- 0.2684	9251.6210 +/- 2144.5160
L3e3b1	L3e3b	4	1.5000 +/- 0.6124	5014.5000 +/- 2047.2532	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.7500 +/- 0.4330	5992.5000 +/- 3459.6700
L3e4	L3e3'4	5	6.5000 +/- 1.7678	21729.5000 +/- 5909.7554	3.0000 +/- 0.9354	15501.0000 +/- 4833.2118	1.2500 +/- 0.5590	9987.5000 +/- 4466.4100
L3e5	L3e3'4'5	8	4.2500 +/- 0.7906	14207.7500 +/- 2642.9758	2.6250 +/- 0.6250	13563.3750 +/- 3229.3750	1.6250 +/- 0.4841	12983.7500 +/- 3867.9590
L3e'ik'x	L3	186	14.0163 +/- 1.6840	46856.4909 +/- 5629.6120	9.2228 +/- 1.4495	47654.2076 +/- 7489.5665	5.9402 +/- 1.1119	47462.1980 +/- 8884.0810
L3f	L3b'f	68	16.6176 +/- 2.2646	55552.6368 +/- 7570.5578	10.6912 +/- 1.7896	55241.4304 +/- 9246.8632	6.3382 +/- 1.3809	50642.2180 +/- 11033.3910
L3f1	L3f	44	14.8182 +/- 2.8251	49537.2426 +/- 9444.3093	8.5000 +/- 2.0121	43919.5000 +/- 10396.5207	4.9091 +/- 1.5657	39223.7090 +/- 12509.9430
L3f1a	L3f1	6	8.8333 +/- 1.7401	29529.7219 +/- 5817.1543	7.3333 +/- 1.6499	37891.1611 +/- 8525.0333	2.8333 +/- 1.0408	22638.0670 +/- 8315.9920
L3f1b	L3f1	38	4.9737 +/- 0.7076	16627.0791 +/- 2365.5068	2.8947 +/- 0.4852	14956.9149 +/- 2507.0284	1.7632 +/- 0.4300	14087.9680 +/- 3435.7000
L3f1b1	L3f1b	12	4.5833 +/- 1.5069	15321.9719 +/- 5037.5667	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	2.6667 +/- 1.2134	21306.9330 +/- 9695.0660
L3f1b2	L3f1b	4	3.7500 +/- 1.2990	12536.2500 +/- 4342.5570	1.2500 +/- 0.5590	6458.7500 +/- 2888.3530	0.5000 +/- 0.3536	3995.0000 +/- 2825.2640
L3f1b2a	L3f1b2	3	1.6667 +/- 0.7454	5571.7781 +/- 2491.8722	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L3f1b3	L3f1b	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L3f1b4	L3f1b	6	3.6667 +/- 1.0274	12257.7781 +/- 3434.5982	2.1667 +/- 0.7638	11195.3389 +/- 3946.5546	1.3333 +/- 0.6667	10653.0670 +/- 5326.9330

L3f1b4a	L3f1b4	3	2.3333 +/- 1.0000	7800.2219 +/- 3343.0000	2.0000 +/- 0.9428	10334.0000 +/- 4871.4476	1.6667 +/- 0.8819	13316.9330 +/- 7046.3810
L3f2	L3f	7	12.8571 +/- 1.9060	42981.2853 +/- 6371.7580	9.5714 +/- 1.7321	49455.4238 +/- 8949.7607	4.7143 +/- 1.0973	37667.2570 +/- 8767.4270
L3f2a	L3f2	5	10.8000 +/- 2.0976	36104.4000 +/- 7012.2768	7.4000 +/- 1.8439	38235.8000 +/- 9527.4313	3.8000 +/- 1.2490	30362.0000 +/- 9979.5100
L3f2b	L3f2	2	9.5000 +/- 2.1794	31758.5000 +/- 7285.7342	6.5000 +/- 1.8028	33585.5000 +/- 9315.0676	4.0000 +/- 1.4142	31960.0000 +/- 11299.4580
L3f3	L3f	17	3.2353 +/- 0.6363	10815.6079 +/- 2127.1509	1.6471 +/- 0.4632	8510.5657 +/- 2393.3544	1.1176 +/- 0.4282	8929.6240 +/- 3421.3180
L3f3a	L3f3	3	1.6667 +/- 0.8819	5571.7781 +/- 2948.1917	1.3333 +/- 0.8165	6889.1611 +/- 4218.8555	1.0000 +/- 0.7454	7990.0000 +/- 5955.7460
L3h	L3	26	22.3600 +/- 2.5746	74749.4800 +/- 8606.8878	15.8000 +/- 2.2152	81638.6000 +/- 11445.9384	10.1600 +/- 1.7664	81178.4000 +/- 14113.5360
L3h1	L3h	20	16.4737 +/- 1.9042	55071.5791 +/- 6365.7406	10.8421 +/- 1.4718	56021.1307 +/- 7604.7906	7.4737 +/- 1.2588	59714.8630 +/- 10057.8120
L3h1a	L3h1	9	15.3333 +/- 2.2717	51259.2219 +/- 7594.2931	11.5556 +/- 2.0184	59707.7852 +/- 10429.0728	8.4444 +/- 1.7847	67470.7560 +/- 14259.7530
L3h1b	L3h1	11	11.7000 +/- 1.8138	39113.1000 +/- 6063.5334	7.3000 +/- 1.3077	37719.1000 +/- 6756.8859	4.7000 +/- 1.1533	37553.0000 +/- 9214.8670
L3h1b1	L3h1b	9	9.6250 +/- 1.8329	32176.3750 +/- 6127.3847	6.5000 +/- 1.4684	33585.5000 +/- 7587.2228	4.7500 +/- 1.3578	37952.5000 +/- 10848.8220
L3h1b1a	L3h1b1	8	8.6250 +/- 1.5360	28833.3750 +/- 5134.8480	5.5000 +/- 1.0753	28418.5000 +/- 5556.0751	3.7500 +/- 0.9186	29962.5000 +/- 7339.6140
L3h1b1a1	L3h1b1a	7	7.4286 +/- 1.3702	24833.8098 +/- 4580.5786	5.1429 +/- 1.1606	26573.3643 +/- 5996.8202	3.5714 +/- 1.0000	28535.4860 +/- 7990.0000
L3h2	L3h	6	5.0000 +/- 1.2472	16715.0000 +/- 4169.3896	3.6667 +/- 1.1547	18945.8389 +/- 5966.3349	1.1667 +/- 0.4410	9321.9330 +/- 3523.5900
L3i	L3e'ik'x	11	11.1818 +/- 2.1262	37380.7574 +/- 7107.8866	6.9091 +/- 1.6364	35699.3197 +/- 8455.2788	6.0000 +/- 1.6058	47940.0000 +/- 12830.3420
L3i1	L3i	3	5.6667 +/- 1.5275	18943.7781 +/- 5106.4325	4.0000 +/- 1.3333	20668.0000 +/- 6889.1611	2.0000 +/- 0.9428	15980.0000 +/- 7532.9720
L3i2	L3i	8	6.7500 +/- 1.6298	22565.2500 +/- 5448.4214	3.8750 +/- 1.1792	20022.1250 +/- 6092.9264	3.3750 +/- 1.1524	26966.2500 +/- 9207.6760

L3k	L3e'ik'x	3	10.6667 +/- 2.3094	35658.7781 +/- 7720.3242	9.3333 +/- 2.1602	48225.1611 +/- 11161.7534	5.0000 +/- 1.5275	39950.0000 +/- 12204.7250
L3x	L3e'ik'x	20	12.6500 +/- 1.6993	42288.9500 +/- 5680.7599	6.5500 +/- 1.0356	33843.8500 +/- 5350.9452	4.2000 +/- 0.9301	33558.0000 +/- 7431.4990
L3x1	L3x	11	7.1818 +/- 1.2365	24008.7574 +/- 4133.6195	3.8182 +/- 0.6923	19728.6394 +/- 3577.1141	1.9091 +/- 0.4896	15253.7090 +/- 3911.9040
L3x2	L3x	9	11.6667 +/- 1.8692	39001.7781 +/- 6248.7356	7.6667 +/- 1.4444	39613.8389 +/- 7463.2148	4.7778 +/- 1.1915	38174.6220 +/- 9520.0850
L3x2a	L3x2	7	9.2857 +/- 1.7438	31042.0951 +/- 5829.5234	6.5714 +/- 1.3997	33954.4238 +/- 7232.2499	4.0000 +/- 1.0690	31960.0000 +/- 8541.3100
L3x2a1	L3x2a	4	7.0000 +/- 1.7678	23401.0000 +/- 5909.7554	5.7500 +/- 1.6771	29710.2500 +/- 8665.5757	3.7500 +/- 1.3463	29962.5000 +/- 10756.9370
L3x2a1a	L3x2a1	3	3.0000 +/- 1.2019	10029.0000 +/- 4017.9517	2.6667 +/- 1.1547	13778.8389 +/- 5966.3349	1.3333 +/- 0.8165	10653.0670 +/- 6523.8350
L3x2b	L3x2	2	8.0000 +/- 2.0000	26744.0000 +/- 6686.0000	4.0000 +/- 1.4142	20668.0000 +/- 7307.1714	3.0000 +/- 1.2247	23970.0000 +/- 9785.3530
L4	L3'4	23	28.7143 +/- 2.7343	95991.9049 +/- 9140.7649	19.2381 +/- 2.2598	99403.2627 +/- 11676.3866	12.1905 +/- 1.7613	97402.0950 +/- 14072.7870
L4a	L4	8	12.6667 +/- 1.9149	42344.7781 +/- 6401.5107	9.0000 +/- 1.5811	46503.0000 +/- 8169.5437	6.1667 +/- 1.2134	49271.9330 +/- 9695.0660
L4a1	L4a	4	7.5000 +/- 1.9365	25072.5000 +/- 6473.7195	4.5000 +/- 1.5000	23251.5000 +/- 7750.5000	3.5000 +/- 1.3229	27965.0000 +/- 10569.9710
L4a1a	L4a1	3	6.0000 +/- 2.4495	20058.0000 +/- 8188.6785	3.0000 +/- 1.7321	15501.0000 +/- 8949.7607	2.0000 +/- 1.4142	15980.0000 +/- 11299.4580
L4a2	L4a	4	9.7500 +/- 1.8875	32594.2500 +/- 6309.9125	7.7500 +/- 1.6771	40044.2500 +/- 8665.5757	6.0000 +/- 1.4577	47940.0000 +/- 11647.0230
L4a2a	L4a2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L4b	L4	15	28.7333 +/- 3.2104	96055.4219 +/- 10732.3672	18.1333 +/- 2.5157	93694.7611 +/- 12998.6219	10.8000 +/- 1.9299	86292.0000 +/- 15419.9010
L4b1	L4b	5	6.2000 +/- 1.3711	20726.6000 +/- 4583.5873	4.0000 +/- 1.1314	20668.0000 +/- 5845.9438	3.2000 +/- 1.0198	25568.0000 +/- 8148.2020
L4b2	L4b	10	16.0000 +/- 2.2847	53488.0000 +/- 7637.7521	10.7000 +/- 1.9157	55286.9000 +/- 9898.4219	5.6000 +/- 1.2728	44744.0000 +/- 10169.6720

L4b2a	L4b2	9	14.0000 +/- 2.0608	46802.0000 +/- 6889.2544	8.6667 +/- 1.5476	44780.8389 +/- 7996.4492	5.6667 +/- 1.3922	45276.9330 +/- 11123.6780
L4b2a1	L4b2a	2	5.0000 +/- 1.5811	16715.0000 +/- 5285.6173	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
L4b2a2	L4b2a	7	10.2857 +/- 1.4708	34385.0951 +/- 4916.8844	7.8571 +/- 1.3015	40597.6357 +/- 6724.8505	4.5714 +/- 1.0102	36525.4860 +/- 8071.4980
L4b2a2a	L4b2a2	3	8.6667 +/- 1.9437	28972.7781 +/- 6497.7891	6.6667 +/- 1.6330	34446.8389 +/- 8437.7110	3.3333 +/- 1.1547	26633.0670 +/- 9226.0530
L4b2a2b	L4b2a2	2	5.5000 +/- 1.6583	18386.5000 +/- 5543.6969	4.0000 +/- 1.4142	20668.0000 +/- 7307.1714	2.5000 +/- 1.1180	19975.0000 +/- 8932.8200
L4b2b	L4b2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L5	L2-6	12	34.1818 +/- 4.6140	114269.7574 +/- 15424.6020	29.0909 +/- 4.3447	150312.6803 +/- 22449.0649	20.6364 +/- 3.6488	164884.8360 +/- 29153.9120
L5a	L5	9	9.0000 +/- 1.8954	30087.0000 +/- 6336.3222	7.2222 +/- 1.8156	37317.1074 +/- 9381.2052	4.6667 +/- 1.4657	37286.9330 +/- 11710.9430
L5a1	L5a	8	5.7500 +/- 1.1726	19222.2500 +/- 3920.0018	4.3750 +/- 1.0383	22605.6250 +/- 5364.8961	2.7500 +/- 0.8101	21972.5000 +/- 6472.6990
L5a1a	L5a1	3	2.3333 +/- 0.8819	7800.2219 +/- 2948.1917	1.6667 +/- 0.7454	8611.8389 +/- 3851.4818	1.0000 +/- 0.5774	7990.0000 +/- 4613.4260
L5a1b	L5a1	2	4.5000 +/- 1.5000	15043.5000 +/- 5014.5000	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	2.0000 +/- 1.0000	15980.0000 +/- 7990.0000
L5a1c	L5a1	3	2.6667 +/- 1.0541	8914.7781 +/- 3523.8563	2.0000 +/- 0.8165	10334.0000 +/- 4218.8555	1.3333 +/- 0.6667	10653.0670 +/- 5326.9330
L5a2	L5a	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L5c	L5	3	7.0000 +/- 2.3452	23401.0000 +/- 7840.0036	6.5000 +/- 2.2913	33585.5000 +/- 11839.1471	5.0000 +/- 2.0000	39950.0000 +/- 15980.0000
L5c1	L5c	2	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	2.0000 +/- 1.0000	15980.0000 +/- 7990.0000
L5c2	L5c	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
L6	L3'4'6	7	8.5714 +/-	28654.1902 +/-	4.5714 +/-	23620.4238 +/-	2.7143 +/-	21687.2570 +/-

			1.7143	5730.9049	1.1780	6086.7260	0.8690	6943.3100
L6a	L6	4	8.5000 +/- 2.3452	28415.5000 +/- 7840.0036	4.7500 +/- 1.7500	24543.2500 +/- 9042.2500	1.7500 +/- 1.0897	13982.5000 +/- 8706.7030
L6b	L6	3	5.0000 +/- 1.2910	16715.0000 +/- 4315.8130	3.3333 +/- 1.0541	17223.1611 +/- 5446.5347	3.0000 +/- 1.0000	23970.0000 +/- 7990.0000
M	L3	3127	16.6176 +/- 0.9235	55552.6368 +/- 3087.2605	11.4519 +/- 0.8197	59171.9673 +/- 4235.3899	6.5652 +/- 0.6035	52455.9480 +/- 4821.9650
M1	M	71	9.4348 +/- 1.5042	31540.5364 +/- 5028.5406	7.1449 +/- 1.4040	36917.6983 +/- 7254.4680	3.7246 +/- 0.9930	29759.5540 +/- 7934.0700
M10	M	16	11.5000 +/- 2.3150	38444.5000 +/- 7739.0450	8.0000 +/- 2.0578	41336.0000 +/- 10632.6526	5.1250 +/- 1.6910	40948.7500 +/- 13511.0900
M10a	M10	15	7.8000 +/- 1.4376	26075.4000 +/- 4805.8968	4.2000 +/- 0.8919	21701.4000 +/- 4608.4473	2.2667 +/- 0.4899	18110.9330 +/- 3914.3010
M10a1	M10a	9	7.8889 +/- 1.7743	26372.5927 +/- 5931.4849	3.8889 +/- 0.9876	20093.9463 +/- 5102.9292	2.3333 +/- 0.7115	18643.0670 +/- 5684.8850
M10a1a	M10a1	4	2.0000 +/- 0.8660	6686.0000 +/- 2895.0380	1.5000 +/- 0.7071	7750.5000 +/- 3653.5857	1.0000 +/- 0.6124	7990.0000 +/- 4893.0760
M10a2	M10a	5	3.8000 +/- 0.8718	12703.4000 +/- 2914.4274	3.2000 +/- 0.8000	16534.4000 +/- 4133.6000	2.4000 +/- 0.6928	19176.0000 +/- 5535.4720
M11	M	15	8.6000 +/- 1.4742	28749.8000 +/- 4928.2506	5.4667 +/- 1.2184	28246.4389 +/- 6295.4728	2.7333 +/- 0.9684	21839.0670 +/- 7737.5160
M11a	M11a'b	9	5.6667 +/- 1.0715	18943.7781 +/- 3582.0245	3.3333 +/- 0.7027	17223.1611 +/- 3630.8509	1.5556 +/- 0.4969	12429.2440 +/- 3970.2310
M11a1	M11a	3	2.3333 +/- 1.0000	7800.2219 +/- 3343.0000	2.0000 +/- 0.9428	10334.0000 +/- 4871.4476	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
M11a2	M11a	4	6.2500 +/- 1.4790	20893.7500 +/- 4944.2970	4.2500 +/- 1.0897	21959.7500 +/- 5630.4799	1.5000 +/- 0.6124	11985.0000 +/- 4893.0760
M11a'b	M11	13	7.7692 +/- 1.3301	25972.4356 +/- 4446.5243	4.6923 +/- 0.9515	24245.1141 +/- 4916.4005	2.1538 +/- 0.4985	17208.8620 +/- 3983.0150
M11b	M11a'b	3	5.6667 +/- 1.5986	18943.7781 +/- 5344.1198	3.6667 +/- 1.2910	18945.8389 +/- 6670.5970	1.6667 +/- 0.8819	13316.9330 +/- 7046.3810
M12	M	175	16.4386 +/- 2.3325	54954.2398 +/- 7797.5475	11.2573 +/- 2.0158	58166.4691 +/- 10415.6386	6.1754 +/- 1.3717	49341.4460 +/- 10959.8830
			13.1429	43936.7147	6.7143	34692.7881		27965.0000

M12a	M12a'b	15	+/- 2.0898	+/- 6986.2014	+/- 1.2372	+/- 6392.6124	3.5000 +/- 0.8719	+/- 6966.4810
M12a'b	M12	18	14.2941 +/- 2.1282	47785.1763 +/- 7114.5726	7.5294 +/- 1.3593	38904.4098 +/- 7023.5031	3.2941 +/- 0.7533	26319.8590 +/- 6018.8670
M12b	M12a'b	3	7.3333 +/- 1.9437	24515.2219 +/- 6497.7891	5.6667 +/- 1.7951	29279.8389 +/- 9275.2817	1.3333 +/- 0.8165	10653.0670 +/- 6523.8350
M12G	M12	157	11.7922 +/- 1.5985	39421.3246 +/- 5343.7855	8.1169 +/- 1.3880	41940.0223 +/- 7171.7960	5.1623 +/- 1.1298	41246.7770 +/- 9027.1020
M12G1	M12G	61	8.0500 +/- 1.7666	26911.1500 +/- 5905.7438	5.3500 +/- 1.4121	27643.4500 +/- 7296.3207	3.2333 +/- 1.2000	25834.0670 +/- 9588.0000
M12G1a	M12G1	46	6.2174 +/- 1.7583	20784.7682 +/- 5877.9969	4.4565 +/- 1.5013	23026.7355 +/- 7757.2171	2.6522 +/- 1.1859	21191.0780 +/- 9475.3410
M12G1a1	M12G1a	41	4.1220 +/- 1.3560	13779.8460 +/- 4533.1080	3.6098 +/- 1.3492	18651.8366 +/- 6971.3164	2.7317 +/- 1.3270	21826.2830 +/- 10602.7300
M12G1a1a	M12G1a1	38	2.0526 +/- 0.3608	6861.8418 +/- 1206.1544	1.5526 +/- 0.3318	8022.2842 +/- 1714.4106	0.7632 +/- 0.2122	6097.9680 +/- 1695.4780
M12G1a1a1	M12G1a1a	4	1.5000 +/- 0.7906	5014.5000 +/- 2642.9758	1.0000 +/- 0.6124	5167.0000 +/- 3164.2708	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
M12G1a1a2	M12G1a1a	7	0.8571 +/- 0.4041	2865.2853 +/- 1350.9063	0.4286 +/- 0.2474	2214.5762 +/- 1278.3158	0.2857 +/- 0.2020	2282.7430 +/- 1613.9800
M12G1a1a3	M12G1a1a	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
M12G1a1a4	M12G1a1a	5	3.2000 +/- 1.0954	10697.6000 +/- 3661.9222	2.8000 +/- 1.0198	14467.6000 +/- 5269.3066	2.2000 +/- 0.9165	17578.0000 +/- 7322.8350
M12G1a2	M12G1a	2	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
M12G1a3	M12G1a	3	2.6667 +/- 1.2472	8914.7781 +/- 4169.3896	2.0000 +/- 1.0541	10334.0000 +/- 5446.5347	1.6667 +/- 1.0000	13316.9330 +/- 7990.0000
M12G1b	M12G1	9	3.3750 +/- 0.9100	11282.6250 +/- 3042.1300	1.8750 +/- 0.5995	9688.1250 +/- 3097.6165	1.0000 +/- 0.4330	7990.0000 +/- 3459.6700
M12G1c	M12G1	5	4.6000 +/- 1.1489	15377.8000 +/- 3840.7727	3.2000 +/- 0.9798	16534.4000 +/- 5062.6266	2.0000 +/- 0.8000	15980.0000 +/- 6392.0000
M12G2	M12G	76	11.0400 +/- 2.1653	36906.7200 +/- 7238.5979	6.7067 +/- 1.6860	34653.5189 +/- 8711.5620	5.5600 +/- 1.6691	44424.4000 +/- 13336.1090

M12G2a	M12G2	62	6.6774 +/- 1.3304	22322.5482 +/- 4447.5272	3.8710 +/- 1.0390	20001.4570 +/- 5368.5130	2.9194 +/- 1.0038	23326.0060 +/- 8020.3620
M12G2a1	M12G2a	56	5.5893 +/- 1.0620	18685.0299 +/- 3550.2660	2.8036 +/- 0.5431	14486.2012 +/- 2806.1977	1.9286 +/- 0.4663	15409.5140 +/- 3725.7370
M12G2a1b	M12G2a1	3	1.3333 +/- 0.6667	4457.2219 +/- 2228.7781	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
M12G2a1c	M12G2a1	18	1.3889 +/- 0.3809	4643.0927 +/- 1273.3487	0.8333 +/- 0.2664	4305.6611 +/- 1376.4888	0.5000 +/- 0.2152	3995.0000 +/- 1719.4480
M12G2a1c1	M12G2a1c	4	1.7500 +/- 0.7500	5850.2500 +/- 2507.2500	1.0000 +/- 0.6124	5167.0000 +/- 3164.2708	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
M12G2a1d	M12G2a1	14	5.7143 +/- 1.6288	19102.9049 +/- 5445.0784	4.5714 +/- 1.4812	23620.4238 +/- 7653.3604	3.5714 +/- 1.4498	28535.4860 +/- 11583.9020
M12G2a1d1	M12G2a1d	12	3.5833 +/- 1.2047	11978.9719 +/- 4027.3121	2.4167 +/- 0.9242	12487.0889 +/- 4775.3414	1.5833 +/- 0.8858	12650.5670 +/- 7077.5420
M12G2a1e	M12G2a1	3	1.0000 +/- 0.5774	3343.0000 +/- 1930.2482	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
M12G2a5	M12G2a	4	1.0000 +/- 0.5000	3343.0000 +/- 1671.5000	0.5000 +/- 0.3536	2583.5000 +/- 1827.0512	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
M12G2b	M12G2	14	7.0000 +/- 1.0349	23401.0000 +/- 3459.6707	4.9231 +/- 0.9036	25437.6577 +/- 4668.9012	2.8462 +/- 0.7576	22741.1380 +/- 6053.2240
M12G2b1	M12G2b	6	5.2000 +/- 1.4142	17383.6000 +/- 4727.6706	3.4000 +/- 1.1136	17567.8000 +/- 5753.9712	1.4000 +/- 0.7746	11186.0000 +/- 6189.0540
M12G2b1a	M12G2b1	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
M12G2b1b	M12G2b1	4	2.6667 +/- 1.1547	8914.7781 +/- 3860.1621	2.3333 +/- 1.1055	12056.1611 +/- 5712.1185	1.0000 +/- 0.7454	7990.0000 +/- 5955.7460
M12G2b2	M12G2b	6	6.3333 +/- 1.1785	21172.2219 +/- 3939.7255	4.1667 +/- 0.9574	21529.3389 +/- 4946.8858	2.1667 +/- 0.6455	17311.9330 +/- 5157.5450
M12G3	M12G	17	7.8824 +/- 1.4457	26350.8632 +/- 4832.9751	4.5294 +/- 1.2297	23403.4098 +/- 6353.8599	2.2941 +/- 0.7692	18329.8590 +/- 6145.9080
M12G3a	M12G3	7	6.1429 +/- 1.6225	20535.7147 +/- 5424.0175	2.4286 +/- 0.9368	12548.5762 +/- 4840.4456	2.0000 +/- 0.8806	15980.0000 +/- 7035.9940
M12G3a1	M12G3a	3	2.0000 +/- 0.9428	6686.0000 +/- 3151.7804	1.0000 +/- 0.7454	5167.0000 +/- 3851.4818	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670

M12G3a2	M12G3a	3	0.3333 +/- 0.3333	1114.2219 +/- 1114.2219	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M12G3b	M12G3	10	5.4000 +/- 1.1225	18052.2000 +/- 3752.5175	2.3000 +/- 0.6708	11884.1000 +/- 3466.0236	1.5000 +/- 0.5745	11985.0000 +/- 4590.2550
M12G3b1	M12G3b	4	4.2500 +/- 1.2500	14207.7500 +/- 4178.7500	1.7500 +/- 0.6614	9042.2500 +/- 3417.4538	1.0000 +/- 0.5000	7990.0000 +/- 3995.0000
M12G4	M12G	3	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M13	M	24	15.7826 +/- 2.3968	52761.2318 +/- 8012.5024	9.7391 +/- 1.8882	50321.9297 +/- 9756.3294	4.4348 +/- 1.2002	35434.0520 +/- 9589.5980
M13a	M13	16	7.6667 +/- 1.5391	25629.7781 +/- 5145.2113	4.0667 +/- 1.0646	21012.6389 +/- 5500.7882	1.5333 +/- 0.5774	12251.0670 +/- 4613.4260
M13a1	M13a	10	3.8000 +/- 1.0488	12703.4000 +/- 3506.1384	1.8000 +/- 0.6481	9300.6000 +/- 3348.7327	0.8000 +/- 0.4472	6392.0000 +/- 3573.1280
M13a2	M13a	6	5.4000 +/- 1.7088	18052.2000 +/- 5712.5184	4.6000 +/- 1.5875	23768.2000 +/- 8202.6125	2.0000 +/- 1.0954	15980.0000 +/- 8752.2460
M13b	M13	8	11.0000 +/- 2.4559	36773.0000 +/- 8210.0737	7.0000 +/- 1.9764	36169.0000 +/- 10212.0588	5.1250 +/- 1.6441	40948.7500 +/- 13136.3590
M13b1	M13b	2	9.0000 +/- 2.1213	30087.0000 +/- 7091.5059	5.0000 +/- 1.5811	25835.0000 +/- 8169.5437	4.5000 +/- 1.5000	35955.0000 +/- 11985.0000
M13b2	M13b	6	2.6667 +/- 1.3744	8914.7781 +/- 4594.6192	2.0000 +/- 1.2019	10334.0000 +/- 6210.2173	2.0000 +/- 1.2019	15980.0000 +/- 9603.1810
M14	M	2	16.5000 +/- 2.8723	55159.5000 +/- 9602.0989	9.5000 +/- 2.1794	49086.5000 +/- 11260.9598	5.5000 +/- 1.6583	43945.0000 +/- 13249.8170
M15	M	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M17	M	10	16.1000 +/- 2.2694	53822.3000 +/- 7586.6042	11.6000 +/- 1.9849	59937.2000 +/- 10255.9783	6.5000 +/- 1.5000	51935.0000 +/- 11985.0000
M17a	M17	6	8.0000 +/- 1.3944	26744.0000 +/- 4661.4792	5.8333 +/- 1.2134	30140.6611 +/- 6269.6378	3.1667 +/- 0.8660	25301.9330 +/- 6919.3400
M17c	M17	4	12.2500 +/- 2.0767	40951.7500 +/- 6942.4081	7.2500 +/- 1.5207	37460.7500 +/- 7857.4569	4.0000 +/- 1.0607	31960.0000 +/- 8474.9930
M18	M18'38	6	7.5000 +/-	25072.5000 +/-	5.3333 +/-	27557.1611 +/-	2.0000 +/-	15980.0000 +/-

			1.3017	4351.5831	0.9718	5021.2906	0.5774	4613.4260
M18'38	M	22	13.6818 +/- 1.9588	45738.2574 +/- 6548.2684	10.4091 +/- 1.7681	53783.8197 +/- 9135.7727	5.1818 +/- 1.2060	41402.5820 +/- 9635.9400
M1a	M1	58	7.7679 +/- 1.1298	25968.0897 +/- 3776.9214	5.4821 +/- 0.9376	28326.0107 +/- 4844.5792	2.8036 +/- 0.6520	22400.7640 +/- 5209.4800
M1a1	M1a	31	5.5161 +/- 0.7842	18440.3223 +/- 2621.5806	4.0968 +/- 0.6835	21168.1656 +/- 3531.6445	2.0323 +/- 0.4388	16238.0770 +/- 3506.0120
M1a1a	M1a1	5	2.0000 +/- 0.8000	6686.0000 +/- 2674.4000	1.0000 +/- 0.4472	5167.0000 +/- 2310.6824	0.2000 +/- 0.2000	1598.0000 +/- 1598.0000
M1a1b	M1a1	8	3.2500 +/- 0.7906	10864.7500 +/- 2642.9758	2.7500 +/- 0.7500	14209.2500 +/- 3875.2500	1.2500 +/- 0.4330	9987.5000 +/- 3459.6700
M1a1b1	M1a1b	4	1.7500 +/- 0.6614	5850.2500 +/- 2211.0602	1.2500 +/- 0.5590	6458.7500 +/- 2888.3530	0.5000 +/- 0.3536	3995.0000 +/- 2825.2640
M1a1c	M1a1	3	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M1a1d	M1a1	4	3.0000 +/- 1.0607	10029.0000 +/- 3545.9201	1.0000 +/- 0.5000	5167.0000 +/- 2583.5000	1.0000 +/- 0.5000	7990.0000 +/- 3995.0000
M1a1e	M1a1	5	2.8000 +/- 0.9798	9360.4000 +/- 3275.4714	2.8000 +/- 0.9798	14467.6000 +/- 5062.6266	1.4000 +/- 0.7746	11186.0000 +/- 6189.0540
M1a2	M1a	11	6.4000 +/- 1.3491	21395.2000 +/- 4510.0413	4.0000 +/- 1.0677	20668.0000 +/- 5516.8059	2.5000 +/- 0.9539	19975.0000 +/- 7621.6610
M1a2a	M1a2	7	3.3333 +/- 1.2019	11143.2219 +/- 4017.9517	2.6667 +/- 1.1547	13778.8389 +/- 5966.3349	2.3333 +/- 1.1304	18643.0670 +/- 9031.8960
M1a2b	M1a2	3	4.6667 +/- 1.5635	15600.7781 +/- 5226.7805	2.6667 +/- 1.2472	13778.8389 +/- 6444.2824	1.3333 +/- 0.9428	10653.0670 +/- 7532.9720
M1a3	M1a	8	4.1429 +/- 1.0202	13849.7147 +/- 3410.5286	3.1429 +/- 0.9476	16239.3643 +/- 4896.2492	1.8571 +/- 0.8207	14838.2290 +/- 6557.3930
M1a3a	M1a3	4	3.3333 +/- 1.0541	11143.2219 +/- 3523.8563	1.6667 +/- 0.7454	8611.8389 +/- 3851.4818	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
M1a3b	M1a3	4	3.0000 +/- 1.0000	10029.0000 +/- 3343.0000	2.5000 +/- 0.9354	12917.5000 +/- 4833.2118	1.0000 +/- 0.6124	7990.0000 +/- 4893.0760
M1a4	M1a	4	3.0000 +/- 1.0000	10029.0000 +/- 3343.0000	1.5000 +/- 0.7071	7750.5000 +/- 3653.5857	1.0000 +/- 0.6124	7990.0000 +/- 4893.0760
			2.0000	6686.0000	0.5000	2583.5000		

M1a5	M1a	2	+/- 1.0000	+/- 3343.0000	+/- 0.5000	+/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M1b	M1	13	7.0000 +/- 1.3953	23401.0000 +/- 4664.4879	4.6923 +/- 1.0519	24245.1141 +/- 5435.1673	2.3846 +/- 0.5808	19052.9540 +/- 4640.5920
M1b1	M1b	3	3.0000 +/- 1.2019	10029.0000 +/- 4017.9517	2.3333 +/- 1.0000	12056.1611 +/- 5167.0000	1.6667 +/- 0.8819	13316.9330 +/- 7046.3810
M1b1a	M1b1	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
M1b2	M1b	10	4.7000 +/- 0.8426	15712.1000 +/- 2816.8118	3.5000 +/- 0.7141	18084.5000 +/- 3689.7547	2.0000 +/- 0.5657	15980.0000 +/- 4519.9430
M1b2a	M1b2	3	2.6667 +/- 1.1547	8914.7781 +/- 3860.1621	2.3333 +/- 1.1055	12056.1611 +/- 5712.1185	1.3333 +/- 0.8165	10653.0670 +/- 6523.8350
M2	M	135	15.1894 +/- 2.1288	50778.1642 +/- 7116.5784	8.5606 +/- 1.6329	44232.6202 +/- 8437.1943	5.5909 +/- 1.4125	44671.2910 +/- 11285.8750
M20	M	2	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
M21	M	18	16.1176 +/- 2.8345	53881.1368 +/- 9475.7335	10.4706 +/- 2.3099	54101.5902 +/- 11935.2533	6.7059 +/- 1.8657	53580.1410 +/- 14906.9430
M21a	M21	4	7.0000 +/- 1.8371	23401.0000 +/- 6141.4253	4.0000 +/- 1.3229	20668.0000 +/- 6835.4243	3.2500 +/- 1.2500	25967.5000 +/- 9987.5000
M21c	M21c'd	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
M21c'd	M21	14	15.0769 +/- 3.2942	50402.0767 +/- 11012.5106	9.2308 +/- 2.5651	47695.5436 +/- 13253.8717	5.1538 +/- 1.9014	41178.8620 +/- 15192.1860
M21d	M21c'd	12	2.3636 +/- 1.3237	7901.5148 +/- 4425.1291	1.2727 +/- 0.9535	6576.0409 +/- 4926.7345	1.2727 +/- 0.9535	10168.8730 +/- 7618.4650
M22	M	5	14.8000 +/- 2.0199	49476.4000 +/- 6752.5257	10.4000 +/- 1.7436	53736.8000 +/- 9009.1812	4.8000 +/- 1.1662	38352.0000 +/- 9317.9380
M23	M	7	2.5714 +/- 1.0102	8596.1902 +/- 3377.0986	2.0000 +/- 0.9689	10334.0000 +/- 5006.3063	1.1429 +/- 0.8806	9131.7710 +/- 7035.9940
M27	M	7	22.1429 +/- 2.7664	74023.7147 +/- 9248.0752	12.7143 +/- 2.1141	65694.7881 +/- 10923.5547	6.1429 +/- 1.4777	49081.7710 +/- 11806.8230
M27a	M27	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.0000 +/- 0.0000	0.0000 +/- 0.0000

M27b	M27	3	0.6667 +/- 0.6667	2228.7781 +/- 2228.7781	0.6667 +/- 0.6667	3444.8389 +/- 3444.8389	0.6667 +/- +/- 0.6667	5326.9330 +/- 5326.9330
M27c	M27	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.0000 +/- +/- 0.0000	0.0000 +/- +/- 0.0000
M28	M	8	11.6250 +/- 1.9325	38862.3750 +/- 6460.3475	6.1250 +/- 1.3636	31647.8750 +/- 7045.7212	3.1250 +/- +/- 0.9763	24968.7500 +/- 7800.6370
M28a	M28	6	6.5000 +/- 1.2583	21729.5000 +/- 4206.4969	3.3333 +/- 0.8819	17223.1611 +/- 4556.7773	1.6667 +/- +/- 0.6667	13316.9330 +/- 5326.9330
M28b	M28	2	11.0000 +/- 2.3452	36773.0000 +/- 7840.0036	7.5000 +/- 1.9365	38752.5000 +/- 10005.8955	4.5000 +/- +/- 1.5000	35955.0000 +/- 11985.0000
M29	M29Q	5	5.8000 +/- 1.7088	19389.4000 +/- 5712.5184	4.2000 +/- 1.5100	21701.4000 +/- 7802.1700	2.8000 +/- +/- 1.2329	22372.0000 +/- 9850.8710
M29a	M29	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.3333 +/- +/- 0.3333	2663.0670 +/- 2663.0670
M29b	M29	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- +/- 0.5000	3995.0000 +/- 3995.0000
M29'Q	M	31	22.2581 +/- 2.8255	74408.8283 +/- 9445.6465	12.5161 +/- 2.1432	64670.6887 +/- 11073.9144	6.8387 +/- +/- 1.4832	54641.2130 +/- 11850.7680
M2a	M2	91	12.2955 +/- 2.2240	41103.8565 +/- 7434.8320	6.0682 +/- 1.4589	31354.3894 +/- 7538.1363	3.5227 +/- +/- 1.1750	28146.3730 +/- 9388.2500
M2a1	M2a	72	7.2319 +/- 1.3413	24176.2417 +/- 4483.9659	3.1304 +/- 0.5461	16174.7768 +/- 2821.6987	1.4638 +/- +/- 0.3582	11695.7620 +/- 2862.0180
M2a1a	M2a1	54	5.4038 +/- 0.9819	18064.9034 +/- 3282.4917	2.6923 +/- 0.6226	13911.1141 +/- 3216.9742	1.2885 +/- +/- 0.4330	10295.1150 +/- 3459.6700
M2a1a1	M2a1a	15	2.2143 +/- 0.8175	7402.4049 +/- 2732.9025	1.4286 +/- 0.6701	7381.5762 +/- 3462.4067	0.7143 +/- +/- 0.5440	5707.2570 +/- 4346.5600
M2a1a1a	M2a1a1	5	2.0000 +/- 0.9381	6686.0000 +/- 3136.0683	0.8000 +/- 0.4000	4133.6000 +/- 2066.8000	0.0000 +/- +/- 0.0000	0.0000 +/- +/- 0.0000
M2a1a1b	M2a1a1	8	1.2857 +/- 0.8452	4298.0951 +/- 2825.5036	0.5714 +/- 0.4518	2952.4238 +/- 2334.4506	0.4286 +/- +/- 0.4286	3424.5140 +/- 3424.5140
M2a1a2	M2a1a	18	4.7059 +/- 1.7049	15731.8237 +/- 5699.4807	2.6471 +/- 1.2955	13677.5657 +/- 6693.8485	1.9412 +/- +/- 1.1750	15510.1880 +/- 9388.2500
M2a1a2a	M2a1a2	16	3.8667 +/- 1.6357	12926.3781 +/- 5468.1451	1.9333 +/- 1.0729	9989.3611 +/- 5543.6743	1.1333 +/- +/- 0.8769	9055.0670 +/- 7006.4310

M2a1a2a1	M2a1a2a	14	1.0769 +/- 0.7134	3600.0767 +/- 2384.8962	1.0000 +/- 0.7092	5167.0000 +/- 3664.4364	0.2308 +/- 0.1332	1844.0920 +/- 1064.2680
M2a1a3	M2a1a	14	2.7143 +/- 1.0400	9073.9049 +/- 3476.7200	1.1429 +/- 0.4403	5905.3643 +/- 2275.0301	0.7857 +/- 0.3977	6277.7430 +/- 3177.6230
M2a1a3a	M2a1a3	6	1.3333 +/- 0.7454	4457.2219 +/- 2491.8722	0.6667 +/- 0.3333	3444.8389 +/- 1722.1611	0.3333 +/- 0.2357	2663.0670 +/- 1883.2430
M2a1a3b	M2a1a3	5	0.6000 +/- 0.3464	2005.8000 +/- 1158.0152	0.6000 +/- 0.3464	3100.2000 +/- 1789.8488	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
M2a1b	M2a1	8	0.2500 +/- 0.1768	835.7500 +/- 591.0424	0.1250 +/- 0.1250	645.8750 +/- 645.8750	0.1250 +/- 0.1250	998.7500 +/- 998.7500
M2a1c	M2a1	4	4.0000 +/- 1.4907	13372.0000 +/- 4983.4101	3.0000 +/- 1.2910	15501.0000 +/- 6670.5970	2.3333 +/- 1.2019	18643.0670 +/- 9603.1810
M2a2	M2a	7	3.0000 +/- 1.5452	10029.0000 +/- 5165.6036	2.8571 +/- 1.5386	14762.6357 +/- 7949.9462	2.0000 +/- 1.4142	15980.0000 +/- 11299.4580
M2a2a	M2a2	7	1.0000 +/- 0.6227	3343.0000 +/- 2081.6861	0.8571 +/- 0.6061	4428.6357 +/- 3131.7187	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M2a3	M2a	12	4.8333 +/- 1.1365	16157.7219 +/- 3799.3195	2.8333 +/- 0.7638	14639.6611 +/- 3946.5546	1.0000 +/- 0.4249	7990.0000 +/- 3394.9510
M2a3a	M2a3	8	3.8750 +/- 1.1524	12954.1250 +/- 3852.4732	2.6250 +/- 0.9601	13563.3750 +/- 4960.8367	0.6250 +/- 0.4507	4993.7500 +/- 3601.0930
M2b	M2	44	4.9773 +/- 1.0013	16639.1139 +/- 3347.3459	2.5455 +/- 0.6953	13152.5985 +/- 3592.6151	1.7273 +/- 0.6595	13801.1270 +/- 5269.4050
M2b1	M2b	13	6.1538 +/- 1.1513	20572.1534 +/- 3848.7959	3.2308 +/- 0.8285	16693.5436 +/- 4280.8595	1.4615 +/- 0.5385	11677.3850 +/- 4302.6150
M2b1a	M2b1	3	1.3333 +/- 0.8165	4457.2219 +/- 2729.5595	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M2b1b	M2b1	3	0.3333 +/- 0.3333	1114.2219 +/- 1114.2219	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M2b2	M2b	7	3.1429 +/- 1.0302	10506.7147 +/- 3443.9586	1.1429 +/- 0.5345	5905.3643 +/- 2761.7615	0.2857 +/- 0.2020	2282.7430 +/- 1613.9800
M3	M	66	10.0615 +/- 1.7502	33635.5945 +/- 5850.9186	6.5077 +/- 1.3970	33625.2859 +/- 7218.2990	3.2923 +/- 0.9844	26305.4770 +/- 7865.3560
M30	M	45	5.3111 +/-	17755.0073 +/-	3.0667 +/-	15845.6389 +/-	1.6667 +/- 0.3363	13316.9330 +/-

			0.6090	2035.8870	0.4467	2308.0989		2687.0370
M30a	M30	10	2.4000 +/- 0.6325	8023.2000 +/- 2114.4475	1.6000 +/- 0.5477	8267.2000 +/- 2829.9659	0.7000 +/- 0.4359	5593.0000 +/- 3482.8410
M30a1	M30a	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M30a2	M30a	4	0.7500 +/- 0.5590	2507.2500 +/- 1868.7370	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M30b	M30	3	6.6667 +/- 1.6330	22286.7781 +/- 5459.1190	3.0000 +/- 1.0000	15501.0000 +/- 5167.0000	2.0000 +/- 0.8165	15980.0000 +/- 6523.8350
M30c	M30	7	4.1429 +/- 0.9368	13849.7147 +/- 3131.7224	2.8571 +/- 0.8081	14762.6357 +/- 4175.4527	1.4286 +/- 0.6061	11414.5140 +/- 4842.7390
M30c1	M30c	6	4.3333 +/- 1.0541	14486.2219 +/- 3523.8563	3.0000 +/- 0.9129	15501.0000 +/- 4716.9543	1.6667 +/- 0.7071	13316.9330 +/- 5649.7290
M30c1a	M30c1	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
M30c1a1	M30c1a	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M30d	M30	8	3.2500 +/- 1.0458	10864.7500 +/- 3496.1094	2.6250 +/- 0.9601	13563.3750 +/- 4960.8367	1.7500 +/- 0.7706	13982.5000 +/- 6157.0940
M30d1	M30d	4	2.7500 +/- 1.2500	9193.2500 +/- 4178.7500	2.5000 +/- 1.2247	12917.5000 +/- 6328.0249	1.7500 +/- 1.0897	13982.5000 +/- 8706.7030
M30e	M30	6	3.0000 +/- 1.0541	10029.0000 +/- 3523.8563	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
M31	M	29	12.6897 +/- 2.1374	42421.6671 +/- 7145.3282	9.2414 +/- 1.8881	47750.3138 +/- 9755.8127	5.8276 +/- 1.5873	46562.5240 +/- 12682.5270
M31a	M31	23	11.4783 +/- 2.2263	38371.9569 +/- 7442.5209	8.0435 +/- 1.8665	41560.7645 +/- 9644.2055	4.3913 +/- 1.3742	35086.4870 +/- 10979.8580
M31a1	M31a	11	2.0909 +/- 0.8954	6989.8787 +/- 2993.3222	1.8182 +/- 0.8528	9394.6394 +/- 4406.4176	1.3636 +/- 0.8080	10895.1640 +/- 6455.9200
M31a1a	M31a1	3	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M31a1b	M31a1	8	1.5000 +/- 0.6124	5014.5000 +/- 2047.2532	1.1250 +/- 0.4841	5812.8750 +/- 2501.3447	0.5000 +/- 0.3062	3995.0000 +/- 2446.5380

M31a2	M31a	12	2.7500 +/- 0.9014	9193.2500 +/- 3013.3802	1.3333 +/- 0.5528	6889.1611 +/- 2856.3176	0.5833 +/- 0.4330	4660.5670 +/- 3459.6700
M31b	M31b'c	4	5.2500 +/- 1.6771	17550.7500 +/- 5606.5453	3.7500 +/- 1.4361	19376.2500 +/- 7420.3287	2.0000 +/- 1.1180	15980.0000 +/- 8932.8200
M31b'c	M31	6	8.6667 +/- 1.8708	28972.7781 +/- 6254.0844	6.1667 +/- 1.6415	31863.3389 +/- 8481.6305	3.6667 +/- 1.3123	29296.9330 +/- 10485.2770
M31c	M31b'c	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
M32	M	11	11.0000 +/- 2.8249	36773.0000 +/- 9443.6407	5.9000 +/- 2.0075	30485.3000 +/- 10372.7525	2.0000 +/- 0.9592	15980.0000 +/- 7664.0080
M32a	M32	10	2.1111 +/- 1.2717	7057.4073 +/- 4251.2931	1.2222 +/- 0.9095	6315.1074 +/- 4699.3865	0.2222 +/- 0.1571	1775.3780 +/- 1255.2290
M32c	M32	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M33	M	43	12.4146 +/- 1.4291	41502.0078 +/- 4777.4813	8.3902 +/- 1.2475	43352.1634 +/- 6445.8325	4.0976 +/- 0.6581	32739.8240 +/- 5258.2190
M33a	M33	25	9.3478 +/- 1.5476	31249.6954 +/- 5173.6268	5.9565 +/- 1.2934	30777.2355 +/- 6682.9978	3.5217 +/- 0.8942	28138.3830 +/- 7144.6580
M33a1	M33a	16	8.2000 +/- 1.9516	27412.6000 +/- 6524.1988	5.6000 +/- 1.6055	28935.2000 +/- 8295.6185	3.4667 +/- 1.2508	27698.9330 +/- 9993.8920
M33a1a	M33a1	8	2.8750 +/- 1.5258	9611.1250 +/- 5100.7494	1.0000 +/- 0.8839	5167.0000 +/- 4567.1113	0.8750 +/- 0.8750	6991.2500 +/- 6991.2500
M33a1b	M33a1	8	1.4286 +/- 0.7825	4775.8098 +/- 2615.8975	1.2857 +/- 0.7693	6643.2119 +/- 3974.9731	1.1429 +/- 0.7559	9131.7710 +/- 6039.6410
M33a2	M33a	6	5.4000 +/- 1.3711	18052.2000 +/- 4583.5873	2.4000 +/- 0.6928	12400.8000 +/- 3579.6976	1.6000 +/- 0.5657	12784.0000 +/- 4519.9430
M33a2a	M33a2	4	3.0000 +/- 1.1055	10029.0000 +/- 3695.6865	2.0000 +/- 0.8165	10334.0000 +/- 4218.8555	2.0000 +/- 0.8165	15980.0000 +/- 6523.8350
M33a3	M33a	2	9.0000 +/- 2.1213	30087.0000 +/- 7091.5059	5.5000 +/- 1.6583	28418.5000 +/- 8568.4361	3.5000 +/- 1.3229	27965.0000 +/- 10569.9710
M33b	M33	7	10.5714 +/- 1.6903	35340.1902 +/- 5650.6729	7.4286 +/- 1.4142	38383.5762 +/- 7307.1714	5.5714 +/- 1.2857	44515.4860 +/- 10272.7430
M33b1	M33b	4	9.7500 +/- 1.7854	32594.2500 +/- 5968.5922	7.7500 +/- 1.6394	40044.2500 +/- 8470.7798	4.7500 +/- 1.2990	37952.5000 +/- 10379.0100

M33c	M33	4	3.5000 +/- 1.0000	11700.5000 +/- 3343.0000	2.0000 +/- 0.7071	10334.0000 +/- 3653.5857	1.5000 +/- 0.6124	11985.0000 +/- 4893.0760
M33d	M33	6	2.0000 +/- 1.2019	6686.0000 +/- 4017.9517	2.0000 +/- 1.2019	10334.0000 +/- 6210.2173	1.0000 +/- 0.8498	7990.0000 +/- 6789.9020
M34	M	6	9.8333 +/- 1.9365	32872.7219 +/- 6473.7195	6.3333 +/- 1.4907	32724.1611 +/- 7702.4469	4.5000 +/- 1.3017	35955.0000 +/- 10400.5830
M34a	M34	4	7.5000 +/- 1.7321	25072.5000 +/- 5790.4103	5.5000 +/- 1.4577	28418.5000 +/- 7531.9359	3.7500 +/- 1.1990	29962.5000 +/- 9580.0100
M34b	M34	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
M35	M	45	10.1333 +/- 1.6037	33875.6219 +/- 5361.1691	5.4222 +/- 1.0188	28016.5074 +/- 5264.1396	3.2444 +/- 0.7417	25922.7560 +/- 5926.1830
M35a	M35	18	5.6667 +/- 1.5010	18943.7781 +/- 5017.8430	2.8889 +/- 1.0453	14926.9463 +/- 5401.0651	1.9444 +/- 0.9010	15535.7560 +/- 7198.9900
M35a1	M35a	15	4.4667 +/- 1.4438	14932.1781 +/- 4826.6234	1.6667 +/- 0.6766	8611.8389 +/- 3495.9922	0.6667 +/- 0.2494	5326.9330 +/- 1992.7060
M35a1a	M35a1	9	0.7778 +/- 0.3333	2600.1854 +/- 1114.2219	0.4444 +/- 0.2722	2296.2148 +/- 1406.4574	0.3333 +/- 0.2485	2663.0670 +/- 1985.5150
M35a2	M35a	3	4.6667 +/- 1.4142	15600.7781 +/- 4727.6706	2.0000 +/- 0.9428	10334.0000 +/- 4871.4476	1.3333 +/- 0.8165	10653.0670 +/- 6523.8350
M35b	M35	22	6.5909 +/- 1.1472	22033.3787 +/- 3835.0896	3.9091 +/- 0.7012	20198.3197 +/- 3623.1004	2.6364 +/- 0.6098	21064.8360 +/- 4872.3020
M35b1	M35b	7	3.0000 +/- 1.0785	10029.0000 +/- 3605.4255	2.2857 +/- 1.0302	11810.2119 +/- 5323.0434	1.4286 +/- 0.9035	11414.5140 +/- 7218.9650
M35b2	M35b	3	5.6667 +/- 1.5986	18943.7781 +/- 5344.1198	2.6667 +/- 1.0541	13778.8389 +/- 5446.5347	1.6667 +/- 0.8819	13316.9330 +/- 7046.3810
M35c	M35	4	5.0000 +/- 1.5811	16715.0000 +/- 5285.6173	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
M36	M	35	8.0857 +/- 1.9826	27030.4951 +/- 6627.8318	6.0857 +/- 1.7873	31444.8119 +/- 9234.9791	3.5429 +/- 1.3815	28307.7710 +/- 11038.1850
M36a	M36	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M36c	M36	7	0.8571 +/- 0.7284	2865.2853 +/- 2435.0412	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000

M36d	M36	27	5.3333 +/- 1.9710	17829.2219 +/- 6589.0530	4.5556 +/- 1.9546	23538.7852 +/- 10099.4182	2.1111 +/- 1.3654	16867.6890 +/- 10909.5460
M36d1	M36d	26	1.1923 +/- 0.4196	3985.8589 +/- 1402.7228	0.6154 +/- 0.3397	3179.7718 +/- 1755.2299	0.0769 +/- 0.0769	614.4310 +/- 614.4310
M37	M	17	5.8235 +/- 1.0734	19467.9605 +/- 3588.3762	2.5294 +/- 0.5673	13069.4098 +/- 2931.2391	1.5882 +/- 0.4282	12689.7180 +/- 3421.3180
M37a	M37	10	3.3000 +/- 0.8544	11031.9000 +/- 2856.2592	2.3000 +/- 0.7550	11884.1000 +/- 3901.0850	0.9000 +/- 0.4359	7191.0000 +/- 3482.8410
M37d	M37	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M37e	M37	4	5.0000 +/- 1.4142	16715.0000 +/- 4727.6706	1.5000 +/- 0.7071	7750.5000 +/- 3653.5857	1.5000 +/- 0.7071	11985.0000 +/- 5649.7290
M37e2	M37e	3	3.3333 +/- 1.3333	11143.2219 +/- 4457.2219	1.3333 +/- 0.8165	6889.1611 +/- 4218.8555	1.3333 +/- 0.8165	10653.0670 +/- 6523.8350
M38	M18'38	16	11.8750 +/- 1.8957	39698.1250 +/- 6337.3251	8.5625 +/- 1.5799	44242.4375 +/- 8163.3433	5.0000 +/- 1.2500	39950.0000 +/- 9987.5000
M38a	M38	2	5.5000 +/- 1.6583	18386.5000 +/- 5543.6969	3.5000 +/- 1.3229	18084.5000 +/- 6835.4243	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
M38b	M38	5	4.4000 +/- 1.1662	14709.2000 +/- 3898.6066	3.2000 +/- 1.0198	16534.4000 +/- 5269.3066	2.2000 +/- 0.8718	17578.0000 +/- 6965.6820
M38c	M38	7	2.8571 +/- 1.4286	9551.2853 +/- 4775.8098	2.0000 +/- 1.1429	10334.0000 +/- 5905.3643	0.1429 +/- 0.1429	1141.7710 +/- 1141.7710
M38d	M38	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M38e	M38	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M39	M	25	8.2800 +/- 1.4505	27680.0400 +/- 4849.0215	4.3200 +/- 0.9069	22321.4400 +/- 4685.9523	2.3200 +/- 0.6974	18536.8000 +/- 5572.2260
M39a	M39	7	4.7143 +/- 1.1693	15759.9049 +/- 3908.9699	2.1429 +/- 0.7423	11072.3643 +/- 3835.4641	1.0000 +/- 0.5151	7990.0000 +/- 4115.6490
M39a1	M39a	3	3.0000 +/- 1.2019	10029.0000 +/- 4017.9517	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
M39a2	M39a	3	1.0000 +/-	3343.0000 +/-	0.6667 +/-	3444.8389 +/-	0.0000 +/-	0.0000 +/-

			0.5774	1930.2482	0.4714	2435.7238	0.0000	0.0000
M39b	M39	16	5.6875 +/- 1.3448	19013.3125 +/- 4495.6664	3.6250 +/- 1.0458	18730.3750 +/- 5403.6486	2.4375 +/- 0.9540	19475.6250 +/- 7622.4600
M39b1	M39b	11	3.6364 +/- 1.0445	12156.4852 +/- 3491.7635	2.1818 +/- 0.8528	11273.3606 +/- 4406.4176	2.0000 +/- 0.8431	15980.0000 +/- 6736.3690
M39b2	M39b	5	4.8000 +/- 1.6000	16046.4000 +/- 5348.8000	3.6000 +/- 1.3565	18601.2000 +/- 7009.0355	0.2000 +/- 0.2000	1598.0000 +/- 1598.0000
M3a	M3	26	5.5000 +/- 1.3527	18386.5000 +/- 4522.0761	3.6923 +/- 1.0686	19078.1141 +/- 5521.4562	2.3077 +/- 0.9530	18438.5230 +/- 7614.4700
M3a1	M3a	19	4.3684 +/- 1.3532	14603.5612 +/- 4523.7476	2.4211 +/- 0.8085	12509.8237 +/- 4177.5195	1.0526 +/- 0.6001	8410.2740 +/- 4794.7990
M3a2	M3a	7	3.8571 +/- 1.5452	12894.2853 +/- 5165.6036	2.4286 +/- 1.2536	12548.5762 +/- 6477.3512	2.0000 +/- 1.2289	15980.0000 +/- 9818.9110
M3a2a	M3a2	6	0.8333 +/- 0.3727	2785.7219 +/- 1245.9361	0.5000 +/- 0.2887	2583.5000 +/- 1491.7129	0.1667 +/- 0.1667	1331.9330 +/- 1331.9330
M3b	M3	6	0.8333 +/- 0.6872	2785.7219 +/- 2297.3096	0.8333 +/- 0.6872	4305.6611 +/- 3550.7624	0.6667 +/- 0.6667	5326.9330 +/- 5326.9330
M3c	M3	32	13.2903 +/- 3.2132	44429.4729 +/- 10741.7276	7.5806 +/- 2.4352	39168.9602 +/- 12582.6784	3.6129 +/- 1.6904	28867.0710 +/- 13506.2960
M3c1	M3c	29	8.2143 +/- 2.5759	27460.4049 +/- 8611.2337	5.1786 +/- 2.0643	26757.8262 +/- 10666.2381	1.9286 +/- 1.2247	15409.5140 +/- 9785.3530
M3c1a	M3c1	2	5.0000 +/- 2.2361	16715.0000 +/- 7475.2823	4.0000 +/- 2.0000	20668.0000 +/- 10334.0000	2.0000 +/- 1.4142	15980.0000 +/- 11299.4580
M3c1b	M3c1	27	4.2963 +/- 1.7685	14362.5309 +/- 5912.0955	2.1852 +/- 1.2554	11290.9284 +/- 6486.6518	0.8889 +/- 0.7804	7102.3110 +/- 6235.3960
M3c1b1	M3c1b	26	2.1923 +/- 1.1672	7328.8589 +/- 3901.9496	1.1538 +/- 0.8338	5961.6846 +/- 4308.2446	0.8846 +/- 0.8095	7067.9540 +/- 6467.9050
M3c1b1a	M3c1b1	21	0.3333 +/- 0.1429	1114.2219 +/- 477.7147	0.1429 +/- 0.0825	738.3643 +/- 426.2775	0.0476 +/- 0.0476	380.3240 +/- 380.3240
M3c1b1b	M3c1b1	5	0.6000 +/- 0.4472	2005.8000 +/- 1494.9896	0.2000 +/- 0.2000	1033.4000 +/- 1033.4000	0.2000 +/- 0.2000	1598.0000 +/- 1598.0000
M4	M	4	5.5000 +/- 1.4577	18386.5000 +/- 4873.0911	2.0000 +/- 0.7071	10334.0000 +/- 3653.5857	0.7500 +/- 0.4330	5992.5000 +/- 3459.6700

M40	M	23	10.3636 +/- 2.3505	34645.5148 +/- 7857.7215	3.9545 +/- 1.1291	20432.9015 +/- 5834.0597	2.4545 +/- 1.0305	19611.4550 +/- 8233.6950
M40a	M40	22	6.3333 +/- 1.4278	21172.2219 +/- 4773.1354	2.7619 +/- 0.6172	14270.7373 +/- 3189.0724	1.3810 +/- 0.3956	11034.1900 +/- 3160.8440
M40a1	M40a	17	4.8125 +/- 1.1507	16088.1875 +/- 3846.7901	2.5625 +/- 0.7208	13240.4375 +/- 3724.3736	1.1250 +/- 0.4239	8988.7500 +/- 3386.9610
M40a1a	M40a1	8	3.3750 +/- 1.1792	11282.6250 +/- 3942.0656	1.1250 +/- 0.4841	5812.8750 +/- 2501.3447	0.5000 +/- 0.3953	3995.0000 +/- 3158.4470
M40a1b	M40a1	4	1.7500 +/- 0.9014	5850.2500 +/- 3013.3802	1.7500 +/- 0.9014	9042.2500 +/- 4657.5338	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
M41	M	10	4.2000 +/- 1.0583	14040.6000 +/- 3537.8969	2.0000 +/- 0.5477	10334.0000 +/- 2829.9659	1.2000 +/- 0.4472	9588.0000 +/- 3573.1280
M41a	M41	5	4.0000 +/- 1.5492	13372.0000 +/- 5178.9756	0.6000 +/- 0.3464	3100.2000 +/- 1789.8488	0.2000 +/- 0.2000	1598.0000 +/- 1598.0000
M41b	M41	2	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
M42	M	15	18.7143 +/- 2.7423	62561.9049 +/- 9167.5089	12.5714 +/- 2.2338	64956.4238 +/- 11542.0446	7.9286 +/- 1.7423	63349.5140 +/- 13920.9770
M42a	M42	4	14.6667 +/- 2.4944	49030.7781 +/- 8338.7792	10.0000 +/- 2.1602	51670.0000 +/- 11161.7534	5.6667 +/- 1.5986	45276.9330 +/- 12772.8140
M42b	M42	11	14.9091 +/- 2.8633	49841.1213 +/- 9572.0119	10.9091 +/- 2.5226	56367.3197 +/- 13034.2742	7.4545 +/- 2.1047	59561.4550 +/- 16816.5530
M42b1	M42b	10	8.2000 +/- 1.9235	27412.6000 +/- 6430.2605	5.7000 +/- 1.6031	29451.9000 +/- 8283.2177	4.4000 +/- 1.5100	35156.0000 +/- 12064.9000
M42b1a	M42b1	9	4.6667 +/- 1.1863	15600.7781 +/- 3965.8009	3.3333 +/- 1.0304	17223.1611 +/- 5324.0768	2.2222 +/- 0.8607	17755.3780 +/- 6876.9930
M43	M	5	8.8000 +/- 1.7889	29418.4000 +/- 5980.2927	6.2000 +/- 1.5620	32035.4000 +/- 8070.8540	3.2000 +/- 1.1314	25568.0000 +/- 9039.8860
M43a	M43	3	8.0000 +/- 1.9437	26744.0000 +/- 6497.7891	4.3333 +/- 1.4530	22390.1611 +/- 7507.6510	1.6667 +/- 0.8819	13316.9330 +/- 7046.3810
M43b	M43	2	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M44	M	11	3.7273 +/- 1.4799	12460.3639 +/- 4947.3057	3.0000 +/- 1.4517	15501.0000 +/- 7500.9339	1.3636 +/- 0.9315	10895.1640 +/- 7442.6850

M44a	M44	10	2.0000 +/- 0.8000	6686.0000 +/- 2674.4000	1.3000 +/- 0.7416	6717.1000 +/- 3831.8472	0.5000 +/- 0.2236	3995.0000 +/- 1786.5640
M45	M	11	9.4545 +/- 2.2156	31606.3935 +/- 7406.7508	5.8182 +/- 1.7297	30062.6394 +/- 8937.3599	4.1818 +/- 1.4489	33412.5820 +/- 11576.7110
M46	M	4	0.5000 +/- 0.3536	1671.5000 +/- 1182.0848	0.2500 +/- 0.2500	1291.7500 +/- 1291.7500	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M48	M	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M49	M	21	9.3333 +/- 2.1508	31201.2219 +/- 7190.1244	7.0952 +/- 1.9137	36660.8984 +/- 9888.0879	2.8095 +/- 0.9771	22447.9050 +/- 7807.0290
M49a	M49a'b	14	2.8571 +/- 1.4569	9551.2853 +/- 4870.4167	1.7857 +/- 1.1180	9226.7119 +/- 5776.7060	0.9286 +/- 0.7922	7419.5140 +/- 6329.6780
M49a'b	M49	15	4.7333 +/- 1.8985	15823.4219 +/- 6346.6855	3.7333 +/- 1.6865	19289.9611 +/- 8714.1455	1.0667 +/- 0.7483	8522.9330 +/- 5978.9170
M49b	M49a'b	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M49c	M49	4	6.5000 +/- 1.7321	21729.5000 +/- 5790.4103	4.0000 +/- 1.3229	20668.0000 +/- 6835.4243	2.7500 +/- 1.1990	21972.5000 +/- 9580.0100
M49d	M49	2	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
M5	M	76	10.7467 +/- 1.7055	35926.2181 +/- 5701.4865	8.0933 +/- 1.6436	41818.0811 +/- 8492.4812	5.7733 +/- 1.4077	46128.6670 +/- 11247.5230
M50	M	13	15.8333 +/- 3.3850	52930.7219 +/- 11316.0550	9.0833 +/- 2.5536	46933.4111 +/- 13194.4512	5.9167 +/- 2.0599	47274.4330 +/- 16458.6010
M51	M	14	12.1429 +/- 2.6973	40593.7147 +/- 9017.0739	8.6429 +/- 2.2734	44657.8643 +/- 11746.6578	2.2857 +/- 1.0449	18262.7430 +/- 8348.7510
M51a	M51	13	11.4615 +/- 2.7186	38315.7945 +/- 9088.2798	7.8462 +/- 2.2268	40541.3154 +/- 11505.8756	2.1538 +/- 1.1147	17208.8620 +/- 8906.4530
M51a1	M51a	11	8.9091 +/- 2.6567	29783.1213 +/- 8881.3481	6.0909 +/- 2.1723	31471.6803 +/- 11224.2741	2.2727 +/- 1.3016	18158.8730 +/- 10399.7840
M52	M52'58	17	10.2353 +/- 1.7291	34216.6079 +/- 5780.3813	5.7647 +/- 1.3284	29786.2049 +/- 6863.8428	3.4118 +/- 1.0052	27260.2820 +/- 8031.5480
M52'58	M	18	13.2778 +/- 2.3207	44387.6854 +/- 7758.1001	7.7222 +/- 1.8384	39900.6074 +/- 9499.0128	4.2778 +/- 1.3414	34179.6220 +/- 10717.7860

M52a	M52	9	3.3333 +/- 0.8607	11143.2219 +/- 2877.3201	1.7778 +/- 0.5879	9185.8926 +/- 3037.6793	1.4444 +/- 0.5556	11540.7560 +/- 4439.2440
M53	M	22	7.4091 +/- 2.2152	24768.6213 +/- 7405.4136	5.0000 +/- 1.8273	25835.0000 +/- 9441.6591	2.5909 +/- 1.3988	20701.2910 +/- 11176.4120
M56	M	2	5.5000 +/- 1.6583	18386.5000 +/- 5543.6969	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	3.0000 +/- 1.2247	23970.0000 +/- 9785.3530
M57	M	8	10.6250 +/- 1.7633	35519.3750 +/- 5894.7119	5.8750 +/- 1.3050	30356.1250 +/- 6742.9350	3.3750 +/- 0.9270	26966.2500 +/- 7406.7300
M57a	M57	3	9.6667 +/- 2.2852	32315.7781 +/- 7639.4236	6.0000 +/- 1.8856	31002.0000 +/- 9742.8952	4.6667 +/- 1.6330	37286.9330 +/- 13047.6700
M57b	M57	4	5.2500 +/- 1.5612	17550.7500 +/- 5219.0916	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
M57b1	M57b	3	1.6667 +/- 0.7454	5571.7781 +/- 2491.8722	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
M58	M52'58	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M5a	M5a'd	55	5.9074 +/- 0.9624	19748.4382 +/- 3217.3032	3.6481 +/- 0.7885	18849.7327 +/- 4074.1795	2.3519 +/- 0.5865	18791.6810 +/- 4686.1350
M5a1	M5a	5	4.7500 +/- 1.4361	15879.2500 +/- 4800.8823	4.2500 +/- 1.3919	21959.7500 +/- 7191.9473	2.5000 +/- 1.0607	19975.0000 +/- 8474.9930
M5a1a	M5a1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M5a1b	M5a1	4	3.0000 +/- 1.1055	10029.0000 +/- 3695.6865	2.3333 +/- 1.0000	12056.1611 +/- 5167.0000	2.0000 +/- 0.9428	15980.0000 +/- 7532.9720
M5a2	M5a	27	5.5926 +/- 1.2782	18696.0618 +/- 4273.0226	3.3704 +/- 1.0728	17414.8568 +/- 5543.1576	2.9630 +/- 1.0645	23674.3700 +/- 8505.3550
M5a2a	M5a2	25	4.8800 +/- 0.9449	16313.8400 +/- 3158.8007	2.5600 +/- 0.5797	13227.5200 +/- 2995.3099	2.1200 +/- 0.5614	16938.8000 +/- 4485.5860
M5a2a1	M5a2a	7	4.1429 +/- 1.1157	13849.7147 +/- 3729.7851	2.2857 +/- 0.6389	11810.2119 +/- 3301.1963	1.4286 +/- 0.4949	11414.5140 +/- 3954.2510
M5a2a2	M5a2a	9	3.1111 +/- 1.5556	10400.4073 +/- 5200.3708	0.3333 +/- 0.1925	1722.1611 +/- 994.6475	0.3333 +/- 0.1925	2663.0670 +/- 1538.0750
M5a2a3	M5a2a	5	0.8000 +/-	2674.4000 +/-	0.6000 +/-	3100.2000 +/-	0.6000 +/- 0.4472	4794.0000 +/-

			0.4899	1637.7357	0.4472	2310.6824		3573.1280
M5a3	M5a	14	2.4286 +/- 1.1066	8118.8098 +/- 3699.3638	1.5714 +/- 0.8330	8119.4238 +/- 4304.1110	1.1429 +/- 0.7759	9131.7710 +/- 6199.4410
M5a3a	M5a3	4	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M5a3b	M5a3	10	0.6000 +/- 0.2828	2005.8000 +/- 945.4004	0.4000 +/- 0.2000	2066.8000 +/- 1033.4000	0.2000 +/- 0.1414	1598.0000 +/- 1129.7860
M5a4	M5a	2	5.0000 +/- 1.5811	16715.0000 +/- 5285.6173	3.5000 +/- 1.3229	18084.5000 +/- 6835.4243	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
M5a5	M5a	3	0.3333 +/- 0.3333	1114.2219 +/- 1114.2219	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M5a'd	M5	57	7.0000 +/- 1.3415	23401.0000 +/- 4484.6345	4.7143 +/- 1.2302	24358.7881 +/- 6356.4434	3.4286 +/- 1.1200	27394.5140 +/- 8948.8000
M5b	M5b'c	14	10.5000 +/- 1.7098	35101.5000 +/- 5715.8614	6.8571 +/- 1.3553	35430.6357 +/- 7002.8351	5.0000 +/- 1.2657	39950.0000 +/- 10112.9430
M5b1	M5b	2	5.0000 +/- 1.5811	16715.0000 +/- 5285.6173	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	2.5000 +/- 1.1180	19975.0000 +/- 8932.8200
M5b2	M5b	12	8.5833 +/- 1.3307	28693.9719 +/- 4448.5301	6.2500 +/- 1.1873	32293.7500 +/- 6134.7791	4.2500 +/- 1.0574	33957.5000 +/- 8448.6260
M5b2a	M5b2	3	7.3333 +/- 2.0000	24515.2219 +/- 6686.0000	4.3333 +/- 1.4530	22390.1611 +/- 7507.6510	2.6667 +/- 1.1547	21306.9330 +/- 9226.0530
M5b2b	M5b2	9	7.3333 +/- 1.2172	24515.2219 +/- 4069.0996	5.5556 +/- 1.0773	28705.7852 +/- 5566.4091	3.4444 +/- 0.8535	27520.7560 +/- 6819.4650
M5b'c	M5	19	11.9474 +/- 1.6214	39940.1582 +/- 5420.3402	8.2105 +/- 1.3725	42423.6535 +/- 7091.7075	5.7895 +/- 1.2675	46258.1050 +/- 10127.3250
M5c	M5b'c	5	11.2000 +/- 2.2804	37441.6000 +/- 7623.3772	8.2000 +/- 1.9900	42369.4000 +/- 10282.3300	5.2000 +/- 1.6733	41548.0000 +/- 13369.6670
M5c1	M5c	4	5.7500 +/- 1.5207	19222.2500 +/- 5083.7001	4.2500 +/- 1.2990	21959.7500 +/- 6711.9330	2.7500 +/- 1.0897	21972.5000 +/- 8706.7030
M5c2	M5c	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M5d	M5a'd	2	5.5000 +/- 1.6583	18386.5000 +/- 5543.6969	4.5000 +/- 1.5000	23251.5000 +/- 7750.5000	3.5000 +/- 1.3229	27965.0000 +/- 10569.9710
			9.3333	31201.2219	5.9167	30571.5889		29296.9330

M6	M	12	+/- 2.1376	+/- 7145.9968	+/- 1.8503	+/- 9560.5001	3.6667 +/- 1.4093	+/- 11260.3070
M60	M	7	7.7143 +/- 1.6162	25788.9049 +/- 5402.9566	4.4286 +/- 1.0785	22882.5762 +/- 5572.6095	2.2857 +/- 0.7825	18262.7430 +/- 6252.1750
M60a	M60	5	4.2000 +/- 1.1489	14040.6000 +/- 3840.7727	3.2000 +/- 1.0583	16534.4000 +/- 5468.2361	1.8000 +/- 0.8246	14382.0000 +/- 6588.5540
M60b	M60	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
M61	M	7	2.8571 +/- 1.0880	9551.2853 +/- 3637.1840	1.4286 +/- 0.7284	7381.5762 +/- 3763.6428	1.0000 +/- 0.6547	7990.0000 +/- 5231.0530
M62	M	19	9.3125 +/- 1.6921	31131.6875 +/- 5656.6903	4.1250 +/- 0.9014	21313.8750 +/- 4657.5338	3.1250 +/- 0.8101	24968.7500 +/- 6472.6990
M62a	M62	3	4.3333 +/- 1.4530	14486.2219 +/- 4857.3790	3.0000 +/- 1.2910	15501.0000 +/- 6670.5970	2.0000 +/- 1.0541	15980.0000 +/- 8422.2590
M62b	M62	16	8.3077 +/- 1.7201	27772.6411 +/- 5750.2943	3.9231 +/- 1.0176	20270.6577 +/- 5257.9392	2.9231 +/- 0.9102	23355.5690 +/- 7272.4980
M63	M	6	1.1667 +/- 0.8660	3900.2781 +/- 2895.0380	0.3333 +/- 0.2357	1722.1611 +/- 1217.8619	0.1667 +/- 0.1667	1331.9330 +/- 1331.9330
M64	M	3	5.3333 +/- 1.6997	17829.2219 +/- 5682.0971	4.0000 +/- 1.4907	20668.0000 +/- 7702.4469	2.3333 +/- 1.1055	18643.0670 +/- 8832.9450
M65	M	10	7.9000 +/- 1.6217	26409.7000 +/- 5421.3431	5.5000 +/- 1.3000	28418.5000 +/- 6717.1000	3.3000 +/- 1.0050	26367.0000 +/- 8029.9500
M65a	M65	5	6.8000 +/- 1.5748	22732.4000 +/- 5264.5564	5.6000 +/- 1.4142	28935.2000 +/- 7307.1714	3.6000 +/- 1.1662	28764.0000 +/- 9317.9380
M65b	M65	5	3.0000 +/- 1.4283	10029.0000 +/- 4774.8069	1.4000 +/- 0.8718	7233.8000 +/- 4504.5906	1.0000 +/- 0.8246	7990.0000 +/- 6588.5540
M66	M	3	6.6667 +/- 1.6330	22286.7781 +/- 5459.1190	4.0000 +/- 1.3333	20668.0000 +/- 6889.1611	2.3333 +/- 1.1055	18643.0670 +/- 8832.9450
M67	M	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
M7	M	244	16.3471 +/- 2.0315	54648.3553 +/- 6791.3045	11.2521 +/- 1.7295	58139.6007 +/- 8936.3265	6.6446 +/- 1.3779	53090.3540 +/- 11009.4210
M70	M	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000

M71	M	11	11.8182 +/- 1.8045	39508.2426 +/- 6032.4435	7.2727 +/- 1.4200	37578.0409 +/- 7337.1400	4.7273 +/- 1.1355	37771.1270 +/- 9072.6450
M72	M	3	5.0000 +/- 1.3744	16715.0000 +/- 4594.6192	2.3333 +/- 1.0000	12056.1611 +/- 5167.0000	1.6667 +/- 0.8819	13316.9330 +/- 7046.3810
M73	M	5	12.8000 +/- 2.1166	42790.4000 +/- 7075.7938	9.2000 +/- 1.8111	47536.4000 +/- 9357.9537	4.8000 +/- 1.3266	38352.0000 +/- 10599.5340
M73a	M73	3	8.6667 +/- 1.8856	28972.7781 +/- 6303.5608	6.0000 +/- 1.5635	31002.0000 +/- 8078.6045	3.3333 +/- 1.0541	26633.0670 +/- 8422.2590
M73b	M73	2	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
M74	M	9	11.3333 +/- 2.0367	37887.2219 +/- 6808.6881	7.7778 +/- 1.7638	40187.8926 +/- 9113.5546	5.4444 +/- 1.5275	43500.7560 +/- 12204.7250
M75	M	2	14.0000 +/- 2.6458	46802.0000 +/- 8844.9094	8.5000 +/- 2.0616	43919.5000 +/- 10652.2872	7.0000 +/- 1.8708	55930.0000 +/- 14947.6920
M76	M	3	13.6667 +/- 2.6874	45687.7781 +/- 8983.9782	9.3333 +/- 2.2111	48225.1611 +/- 11424.7537	6.3333 +/- 1.7951	50603.0670 +/- 14342.8490
M77	M	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M79	M	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M7a	M7	75	7.9041 +/- 1.8098	26423.4063 +/- 6050.1614	5.6164 +/- 1.5345	29019.9388 +/- 7928.7615	3.3973 +/- 1.2647	27144.4270 +/- 10104.9530
M7a1	M7a	66	5.8333 +/- 1.3917	19500.7219 +/- 4652.4531	4.6515 +/- 1.3642	24034.3005 +/- 7048.8214	2.5758 +/- 0.9758	20580.6420 +/- 7796.6420
M7a1a	M7a1	61	3.7213 +/- 0.4910	12440.3059 +/- 1641.4130	2.6066 +/- 0.3999	13468.3022 +/- 2066.2833	1.5410 +/- 0.3221	12312.5900 +/- 2573.5790
M7a1a1	M7a1a	12	1.7500 +/- 0.8780	5850.2500 +/- 2935.1540	1.5833 +/- 0.8700	8180.9111 +/- 4495.2900	1.3333 +/- 0.8580	10653.0670 +/- 6855.4200
M7a1a1a	M7a1a1	10	0.8000 +/- 0.2828	2674.4000 +/- 945.4004	0.7000 +/- 0.2646	3616.9000 +/- 1367.1882	0.4000 +/- 0.2000	3196.0000 +/- 1598.0000
M7a1a2	M7a1a	8	2.1250 +/- 0.8004	7103.8750 +/- 2675.7372	1.3750 +/- 0.6731	7104.6250 +/- 3477.9077	0.3750 +/- 0.3750	2996.2500 +/- 2996.2500
M7a1a3	M7a1a	3	2.6667 +/- 1.0541	8914.7781 +/- 3523.8563	1.3333 +/- 0.6667	6889.1611 +/- 3444.8389	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860

M7a1a4	M7a1a	3	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	3.6667 +/- 1.3744	18945.8389 +/- 7101.5248	3.0000 +/- 1.2910	23970.0000 +/- 10315.0900
M7a1a5	M7a1a	4	1.7500 +/- 0.9014	5850.2500 +/- 3013.3802	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.2500 +/- 0.8292	9987.5000 +/- 6625.3080
M7a1a6	M7a1a	3	2.0000 +/- 0.9428	6686.0000 +/- 3151.7804	1.3333 +/- 0.6667	6889.1611 +/- 3444.8389	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
M7a1a7	M7a1a	11	1.1818 +/- 0.3278	3950.7574 +/- 1095.8354	0.7273 +/- 0.2571	3757.9591 +/- 1328.4357	0.3636 +/- 0.1818	2905.1640 +/- 1452.5820
M7a1b	M7a1	4	5.0000 +/- 1.6956	16715.0000 +/- 5668.3908	2.7500 +/- 1.0897	14209.2500 +/- 5630.4799	1.5000 +/- 0.7071	11985.0000 +/- 5649.7290
M7a2	M7a	8	5.6667 +/- 1.2693	18943.7781 +/- 4243.2699	4.0000 +/- 1.0801	20668.0000 +/- 5580.8767	1.8333 +/- 0.7265	14648.0670 +/- 5804.7350
M7a2a	M7a2	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
M7a2b	M7a2	4	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	2.3333 +/- 1.0000	12056.1611 +/- 5167.0000	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
M7b	M7b'd	94	7.6489 +/- 1.6956	25570.2727 +/- 5668.3908	3.9255 +/- 1.1062	20283.0585 +/- 5715.7354	1.3723 +/- 0.1764	10964.6770 +/- 1409.4360
M7b1	M7b1'2'4	26	4.6538 +/- 0.5996	15557.6534 +/- 2004.4628	2.9615 +/- 0.4599	15302.0705 +/- 2376.3033	1.5769 +/- 0.3148	12599.4310 +/- 2515.2520
M7b1'2'4	M7b	89	5.3258 +/- 1.0845	17804.1494 +/- 3625.4835	2.6180 +/- 0.5859	13527.2060 +/- 3027.3453	1.1461 +/- 0.1456	9157.3390 +/- 1163.3440
M7b2	M7b1'2'4	49	2.0204 +/- 0.2864	6754.1972 +/- 957.4352	1.1837 +/- 0.1936	6116.1779 +/- 1000.3312	0.6531 +/- 0.1554	5218.2690 +/- 1241.6460
M7b2a	M7b2	4	1.2500 +/- 0.6614	4178.7500 +/- 2211.0602	0.7500 +/- 0.5590	3875.2500 +/- 2888.3530	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M7b2b	M7b2	4	1.2500 +/- 0.6614	4178.7500 +/- 2211.0602	1.0000 +/- 0.6124	5167.0000 +/- 3164.2708	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
M7b2c	M7b2	4	1.7500 +/- 0.9014	5850.2500 +/- 3013.3802	1.0000 +/- 0.5000	5167.0000 +/- 2583.5000	0.7500 +/- 0.4330	5992.5000 +/- 3459.6700
M7b3	M7b	5	5.4000 +/- 1.3416	18052.2000 +/- 4484.9688	3.4000 +/- 0.9592	17567.8000 +/- 4956.1864	1.4000 +/- 0.5292	11186.0000 +/- 4228.3080
M7b3a	M7b3	3	5.0000 +/-	16715.0000 +/-	3.0000 +/-	15501.0000 +/-	1.6667 +/- 0.7454	13316.9330 +/-

			1.2910	4315.8130	1.0000	5167.0000		5955.7460
M7b4	M7b1'2'4	3	3.3333 +/- 1.0541	11143.2219 +/- 3523.8563	2.6667 +/- 0.9428	13778.8389 +/- 4871.4476	2.3333 +/- 0.8819	18643.0670 +/- 7046.3810
M7b'd	M7b-g	97	12.5773 +/- 2.7210	42045.9139 +/- 9096.3030	6.8866 +/- 1.9927	35583.0622 +/- 10296.2809	3.3299 +/- 1.3816	26605.9010 +/- 11038.9840
M7b-g	M7	169	16.4024 +/- 2.3941	54833.2232 +/- 8003.4763	10.5266 +/- 1.9393	54390.9422 +/- 10020.3631	6.1834 +/- 1.4904	49405.3660 +/- 11908.2960
M7c	M7c'e'f	65	6.3077 +/- 1.0558	21086.6411 +/- 3529.5394	4.4000 +/- 0.9151	22734.8000 +/- 4728.3217	2.6923 +/- 0.6954	21511.4770 +/- 5556.2460
M7c1	M7c	19	6.7368 +/- 0.9116	22521.1224 +/- 3047.4788	4.5789 +/- 0.7572	23659.1763 +/- 3912.4524	3.2105 +/- 0.6720	25651.8950 +/- 5369.2800
M7c1a	M7c1	4	2.5000 +/- 1.0607	8357.5000 +/- 3545.9201	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.7500 +/- 0.4330	5992.5000 +/- 3459.6700
M7c1b	M7c1	6	7.1667 +/- 1.8333	23958.2781 +/- 6128.7219	6.3333 +/- 1.7951	32724.1611 +/- 9275.2817	4.8333 +/- 1.7078	38618.0670 +/- 13645.3220
M7c2	M7c	8	5.8750 +/- 1.2686	19640.1250 +/- 4240.9298	4.2500 +/- 1.1726	21959.7500 +/- 6058.8242	2.2500 +/- 0.8839	17977.5000 +/- 7062.3610
M7c2a	M7c2	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M7c3	M7c	37	3.3514 +/- 0.9101	11203.7302 +/- 3042.4643	1.5946 +/- 0.2341	8239.2982 +/- 1209.5947	0.8378 +/- 0.1599	6694.0220 +/- 1277.6010
M7c3b	M7c3	5	3.4000 +/- 0.8718	11366.2000 +/- 2914.4274	2.0000 +/- 0.6325	10334.0000 +/- 3268.1275	1.0000 +/- 0.4472	7990.0000 +/- 3573.1280
M7c3c	M7c3	31	1.9355 +/- 0.3193	6470.3765 +/- 1067.4199	1.4839 +/- 0.2540	7667.3113 +/- 1312.4180	0.7742 +/- 0.1707	6185.8580 +/- 1363.8930
M7c'e'f	M7b-g	70	9.4714 +/- 1.8927	31662.8902 +/- 6327.2961	5.6286 +/- 1.2689	29082.9762 +/- 6556.4063	3.0000 +/- 0.6624	23970.0000 +/- 5292.5760
M7d	M7b'd	3	2.3333 +/- 1.0000	7800.2219 +/- 3343.0000	1.6667 +/- 0.7454	8611.8389 +/- 3851.4818	1.0000 +/- 0.5774	7990.0000 +/- 4613.4260
M7e	M7c'e'f	4	2.2500 +/- 0.8292	7521.7500 +/- 2772.0156	1.2500 +/- 0.5590	6458.7500 +/- 2888.3530	0.7500 +/- 0.4330	5992.5000 +/- 3459.6700
M7f	M7c'e'f	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
			6.5000	21729.5000	5.0000	25835.0000	2.5000 +/-	19975.0000

M7g	M7b-g	2	+/- 1.8028	+/- 6026.7604	+/- 1.5811	+/- 8169.5437	1.1180	+/- 8932.8200
M8	M	491	14.7029 +/- 2.1419	49151.7947 +/- 7160.3717	10.0410 +/- 1.9022	51881.8470 +/- 9828.6674	6.6209 +/- 1.6654	52900.9910 +/- 13306.5460
M8a	M8	28	6.6786 +/- 1.3791	22326.5598 +/- 4610.3313	4.2857 +/- 0.9949	22144.2119 +/- 5140.6483	2.6429 +/- 0.6145	21116.7710 +/- 4909.8550
M8a1	M8a	3	1.0000 +/- 0.5774	3343.0000 +/- 1930.2482	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M8a2	M8a	21	4.6667 +/- 0.8677	15600.7781 +/- 2900.7211	3.1905 +/- 0.7604	16485.3135 +/- 3928.9868	2.5238 +/- 0.7362	20165.1620 +/- 5882.2380
M8a2a	M8a2	4	5.7500 +/- 1.5207	19222.2500 +/- 5083.7001	2.7500 +/- 0.9682	14209.2500 +/- 5002.6894	2.0000 +/- 0.8660	15980.0000 +/- 6919.3400
M8a2b	M8a2	8	1.2500 +/- 0.3953	4178.7500 +/- 1321.4879	0.8750 +/- 0.3307	4521.1250 +/- 1708.7269	0.3750 +/- 0.2165	2996.2500 +/- 1729.8350
M8C	M8C'Z	393	9.3018 +/- 0.9571	31095.9174 +/- 3199.5853	5.4962 +/- 0.7038	28398.8654 +/- 3636.5346	2.8107 +/- 0.4448	22457.4930 +/- 3553.9520
M8C1	M8C	186	7.6505 +/- 0.8940	25575.6215 +/- 2988.6420	4.1183 +/- 0.5197	21279.2561 +/- 2685.2899	2.1398 +/- 0.2312	17097.0020 +/- 1847.2880
M8C1a	M8C1	4	3.2500 +/- 1.1456	10864.7500 +/- 3829.7408	1.5000 +/- 0.6124	7750.5000 +/- 3164.2708	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
M8C1b	M8C1	65	5.7846 +/- 0.6656	19337.9178 +/- 2225.1008	3.5692 +/- 0.5444	18442.0564 +/- 2812.9148	2.4615 +/- 0.4727	19667.3850 +/- 3776.8730
M8C1b1	M8C1b	4	4.0000 +/- 1.2748	13372.0000 +/- 4261.6564	3.0000 +/- 1.1180	15501.0000 +/- 5776.7060	2.0000 +/- 0.8660	15980.0000 +/- 6919.3400
M8C1b2	M8C1b	14	0.2143 +/- 0.1237	716.4049 +/- 413.5291	0.1429 +/- 0.1010	738.3643 +/- 521.8670	0.0714 +/- 0.0714	570.4860 +/- 570.4860
M8C1b3	M8C1b	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M8C1b4	M8C1b	3	0.3333 +/- 0.3333	1114.2219 +/- 1114.2219	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
M8C1b5	M8C1b	4	2.7500 +/- 1.0308	9193.2500 +/- 3445.9644	1.7500 +/- 0.9014	9042.2500 +/- 4657.5338	0.5000 +/- 0.3536	3995.0000 +/- 2825.2640
M8C1b6	M8C1b	4	4.7500 +/- 1.5207	15879.2500 +/- 5083.7001	1.7500 +/- 0.9014	9042.2500 +/- 4657.5338	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400

M8C1c	M8C1	35	5.7143 +/- 0.8619	19102.9049 +/- 2881.3317	4.0000 +/- 0.8091	20668.0000 +/- 4180.6197	2.6000 +/- 0.6911	20774.0000 +/- 5521.8890
M8C1c1	M8C1c	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M8C1c2	M8C1c	13	0.8462 +/- 0.2551	2828.8466 +/- 852.7993	0.4615 +/- 0.1884	2384.5705 +/- 973.4628	0.3077 +/- 0.1538	2458.5230 +/- 1228.8620
M8C1c3	M8C1c	3	7.6667 +/- 2.0817	25629.7781 +/- 6959.1231	6.0000 +/- 1.8257	31002.0000 +/- 9433.3919	2.3333 +/- 1.2019	18643.0670 +/- 9603.1810
M8C1d	M8C1	81	7.3457 +/- 1.3270	24556.6751 +/- 4436.1610	3.7654 +/- 0.8551	19455.8218 +/- 4418.3017	1.7160 +/- 0.2142	13710.8400 +/- 1711.4580
M8C1d1	M8C1d	65	5.9231 +/- 0.6090	19800.9233 +/- 2035.8870	3.0154 +/- 0.3371	15580.5718 +/- 1741.7957	1.7077 +/- 0.2398	13644.5230 +/- 1916.0020
M8C1d1a	M8C1d1	4	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	2.2500 +/- 1.1456	11625.7500 +/- 5919.3152	2.0000 +/- 1.1180	15980.0000 +/- 8932.8200
M8C1d1b	M8C1d1	11	3.0909 +/- 0.9181	10332.8787 +/- 3069.2083	2.1818 +/- 0.8624	11273.3606 +/- 4456.0208	1.7273 +/- 0.8182	13801.1270 +/- 6537.4180
M8C1d1c	M8C1d1	14	3.5000 +/- 1.1845	11700.5000 +/- 3959.7835	0.7143 +/- 0.2474	3690.7881 +/- 1278.3158	0.3571 +/- 0.1597	2853.2290 +/- 1276.0030
M8C4	M8C	129	7.5748 +/- 1.1006	25322.5564 +/- 3679.3058	4.8504 +/- 0.9226	25062.0168 +/- 4767.0742	2.8898 +/- 0.7916	23089.5020 +/- 6324.8840
M8C4a	M8C4a-c	76	9.0541 +/- 1.4306	30267.8563 +/- 4782.4958	5.3108 +/- 1.0292	27440.9036 +/- 5317.8764	2.5270 +/- 0.6437	20190.7300 +/- 5143.1630
M8C4a1	M8C4a1'5	38	5.6667 +/- 1.3275	18943.7781 +/- 4437.8325	2.9722 +/- 0.5292	15357.3574 +/- 2734.3764	1.6389 +/- 0.4167	13094.8110 +/- 3329.4330
M8C4a1'5	M8C4a	40	8.4737 +/- 2.0701	28327.5791 +/- 6920.3443	4.8421 +/- 1.4322	25019.1307 +/- 7400.1774	1.6053 +/- 0.3965	12826.3470 +/- 3168.0350
M8C4a1a	M8C4a1	5	3.6667 +/- 1.4530	12257.7781 +/- 4857.3790	2.6667 +/- 1.2472	13778.8389 +/- 6444.2824	1.0000 +/- 0.7454	7990.0000 +/- 5955.7460
M8C4a1c	M8C4a1	11	2.3636 +/- 0.6680	7901.5148 +/- 2233.1240	1.7273 +/- 0.6232	8924.9591 +/- 3220.0744	0.9091 +/- 0.5455	7263.7090 +/- 4358.5450
M8C4a1d	M8C4a1	8	2.8750 +/- 1.0383	9611.1250 +/- 3471.0369	1.7500 +/- 0.5303	9042.2500 +/- 2740.0601	0.8750 +/- 0.3750	6991.2500 +/- 2996.2500
M8C4a2	M8C4a2'3'4	12	1.6667 +/- 0.4410	5571.7781 +/- 1474.2630	0.9167 +/- 0.3436	4736.5889 +/- 1775.3812	0.6667 +/- 0.3118	5326.9330 +/- 2491.2820

M8C4a2'3'4	M8C4a	36	7.6111 +/- 1.3264	25443.9073 +/- 4434.1552	4.7500 +/- 1.0375	24543.2500 +/- 5360.7625	2.4444 +/- 0.6793	19530.7560 +/- 5427.6070
M8C4a3	M8C4a2'3'4	8	5.8750 +/- 1.4197	19640.1250 +/- 4746.0571	3.5000 +/- 1.0000	18084.5000 +/- 5167.0000	2.3750 +/- 0.7806	18976.2500 +/- 6236.9940
M8C4a3a	M8C4a3	3	2.0000 +/- 0.8165	6686.0000 +/- 2729.5595	2.0000 +/- 0.8165	10334.0000 +/- 4218.8555	1.6667 +/- 0.7454	13316.9330 +/- 5955.7460
M8C4a4	M8C4a2'3'4	16	4.9375 +/- 1.4293	16506.0625 +/- 4778.1499	3.2500 +/- 1.1215	16792.7500 +/- 5794.7905	1.8125 +/- 0.8683	14481.8750 +/- 6937.7170
M8C4a4a	M8C4a4	9	0.8889 +/- 0.3849	2971.5927 +/- 1286.7207	0.7778 +/- 0.3685	4018.8926 +/- 1904.0395	0.3333 +/- 0.2485	2663.0670 +/- 1985.5150
M8C4a5	M8C4a1'5	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
M8C4a-c	M8C4	122	7.6917 +/- 1.1625	25713.3531 +/- 3886.2375	4.9167 +/- 0.9748	25404.5889 +/- 5036.7916	2.9000 +/- 0.8364	23171.0000 +/- 6682.8360
M8C4b	M8C4a-c	45	2.8444 +/- 0.6070	9508.8292 +/- 2029.2010	1.6222 +/- 0.4303	8381.9074 +/- 2223.3601	0.8444 +/- 0.3849	6746.7560 +/- 3075.3510
M8C4b1	M8C4b	16	1.5625 +/- 0.4463	5223.4375 +/- 1491.9809	1.1875 +/- 0.4193	6135.8125 +/- 2166.5231	0.3750 +/- 0.2165	2996.2500 +/- 1729.8350
M8C4b1a	M8C4b1	5	1.6000 +/- 0.5657	5348.8000 +/- 1891.1351	1.2000 +/- 0.4899	6200.4000 +/- 2531.3133	0.2000 +/- 0.2000	1598.0000 +/- 1598.0000
M8C4b2	M8C4b	5	0.4000 +/- 0.2828	1337.2000 +/- 945.4004	0.2000 +/- 0.2000	1033.4000 +/- 1033.4000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M8C4b3	M8C4b	6	2.0000 +/- 0.8498	6686.0000 +/- 2840.8814	1.3333 +/- 0.7454	6889.1611 +/- 3851.4818	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
M8C4b3a	M8C4b3	4	1.0000 +/- 0.6124	3343.0000 +/- 2047.2532	0.2500 +/- 0.2500	1291.7500 +/- 1291.7500	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M8C4c	M8C4a-c	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M8C5	M8C	49	6.9184 +/- 1.2681	23128.2112 +/- 4239.2583	3.4082 +/- 0.7019	17610.1694 +/- 3626.7173	1.8367 +/- 0.5736	14675.2330 +/- 4583.0640
M8C5a	M8C5	20	3.9500 +/- 1.2400	13204.8500 +/- 4145.3200	2.7500 +/- 1.0452	14209.2500 +/- 5400.5484	1.3000 +/- 0.7874	10387.0000 +/- 6291.3260
M8C5a1	M8C5a	11	1.0909 +/- 0.4810	3646.8787 +/- 1607.9830	0.8182 +/- 0.4360	4227.6394 +/- 2252.8120	0.0000 +/- 0.0000	0.0000 +/- 0.0000

M8C5a2	M8C5a	9	1.7778 +/- 0.8749	5943.1854 +/- 2924.7907	0.6667 +/- 0.3514	3444.8389 +/- 1815.6838	0.4444 +/- 0.2722	3550.7560 +/- 2174.8780
M8C5b	M8C5	8	3.3750 +/- 1.3050	11282.6250 +/- 4362.6150	1.3750 +/- 0.6960	7104.6250 +/- 3596.2320	1.1250 +/- 0.6731	8988.7500 +/- 5378.0690
M8C5b1	M8C5b	6	1.8333 +/- 0.9280	6128.7219 +/- 3102.3040	1.5000 +/- 0.8975	7750.5000 +/- 4637.3825	1.3333 +/- 0.8819	10653.0670 +/- 7046.3810
M8C5c	M8C5	6	4.3333 +/- 1.5635	14486.2219 +/- 5226.7805	2.8333 +/- 1.2802	14639.6611 +/- 6614.7934	1.8333 +/- 0.9574	14648.0670 +/- 7649.6260
M8C5c1	M8C5c	5	0.8000 +/- 0.4899	2674.4000 +/- 1637.7357	0.6000 +/- 0.4472	3100.2000 +/- 2310.6824	0.4000 +/- 0.4000	3196.0000 +/- 3196.0000
M8C5d	M8C5	13	5.5385 +/- 1.3674	18515.2055 +/- 4571.2182	3.3077 +/- 0.9390	17090.8859 +/- 4851.8130	1.6923 +/- 0.6794	13521.4770 +/- 5428.4060
M8C7	M8C	29	8.2414 +/- 1.5153	27551.0002 +/- 5065.6479	5.5517 +/- 1.2934	28685.6339 +/- 6682.9978	3.0345 +/- 0.7983	24245.6550 +/- 6378.4170
M8C7a	M8C7	23	7.0000 +/- 1.5561	23401.0000 +/- 5202.0423	4.5217 +/- 1.2313	23363.6239 +/- 6362.1271	2.8696 +/- 0.9565	22928.1040 +/- 7642.4350
M8C7a1	M8C7a	16	5.7500 +/- 1.3665	19222.2500 +/- 4568.2095	3.4375 +/- 1.0289	17761.5625 +/- 5316.3263	2.3750 +/- 0.9143	18976.2500 +/- 7305.2570
M8C7a1a	M8C7a1	10	4.9000 +/- 1.5133	16380.7000 +/- 5058.9619	2.9000 +/- 1.1358	14984.3000 +/- 5868.6786	1.7000 +/- 0.8775	13583.0000 +/- 7011.2250
M8C7a1a1	M8C7a1a	5	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M8C7a1a2	M8C7a1a	5	0.8000 +/- 0.4000	2674.4000 +/- 1337.2000	0.8000 +/- 0.4000	4133.6000 +/- 2066.8000	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
M8C7a1c	M8C7a1	4	2.5000 +/- 0.8660	8357.5000 +/- 2895.0380	1.5000 +/- 0.7071	7750.5000 +/- 3653.5857	0.7500 +/- 0.5590	5992.5000 +/- 4466.4100
M8C7a1d	M8C7a1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M8C7b	M8C7	4	5.0000 +/- 1.3693	16715.0000 +/- 4577.5699	3.0000 +/- 1.0607	15501.0000 +/- 5480.6369	2.5000 +/- 1.0000	19975.0000 +/- 7990.0000
M8C'Z	M8	463	14.9478 +/- 2.2674	49970.4954 +/- 7579.9182	10.2087 +/- 2.0143	52748.3529 +/- 10407.8881	6.7413 +/- 1.7643	53862.9870 +/- 14096.7570
M8Z	M8C'Z	70	7.9420 +/-	26550.1060 +/-	5.5797 +/-	28830.3099 +/-	3.3478 +/-	26748.9220 +/-

			1.1909	3981.1787	0.9331	4821.3277	0.7351	5873.4490
M8Z1	M8Z	29	7.5517 +/- 2.2839	25245.3331 +/- 7635.0777	4.1034 +/- 1.5440	21202.2678 +/- 7977.8480	2.7586 +/- 1.3845	22041.2140 +/- 11062.1550
M8Z1a	M8Z1	28	3.6429 +/- 1.2607	12178.2147 +/- 4214.5201	3.1429 +/- 1.2464	16239.3643 +/- 6440.1488	1.8214 +/- 1.0271	14552.9860 +/- 8206.5290
M8Z1a1	M8Z1a	21	2.6667 +/- 1.3006	8914.7781 +/- 4347.9058	2.4762 +/- 1.2971	12794.5254 +/- 6702.1157	1.1429 +/- 0.9135	9131.7710 +/- 7298.8650
M8Z1a2	M8Z1a	3	2.0000 +/- 0.9428	6686.0000 +/- 3151.7804	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M8Z2	M8Z	7	1.1429 +/- 0.4518	3820.7147 +/- 1510.3674	0.5714 +/- 0.3499	2952.4238 +/- 1807.9333	0.4286 +/- 0.3194	3424.5140 +/- 2552.0060
M8Z3	M8Z	18	7.2353 +/- 1.4056	24187.6079 +/- 4698.9208	5.8824 +/- 1.2698	30394.3608 +/- 6561.0566	3.8824 +/- 1.0523	31020.3760 +/- 8407.8770
M8Z3a	M8Z3	10	5.5556 +/- 1.5235	18572.3708 +/- 5093.0605	5.1111 +/- 1.4990	26409.0537 +/- 7745.3330	3.8889 +/- 1.3100	31072.3110 +/- 10466.9000
M8Z3a1	M8Z3a	5	4.0000 +/- 1.3693	13372.0000 +/- 4577.5699	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	2.5000 +/- 1.1726	19975.0000 +/- 9369.0740
M8Z3a1a	M8Z3a1	4	2.6667 +/- 1.0541	8914.7781 +/- 3523.8563	1.3333 +/- 0.6667	6889.1611 +/- 3444.8389	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
M8Z3a2	M8Z3a	5	1.0000 +/- 0.8246	3343.0000 +/- 2756.6378	1.0000 +/- 0.8246	5167.0000 +/- 4260.7082	1.0000 +/- 0.8246	7990.0000 +/- 6588.5540
M8Z3b	M8Z3	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
M8Z4	M8Z	10	6.5000 +/- 1.3304	21729.5000 +/- 4447.5272	3.2000 +/- 0.8000	16534.4000 +/- 4133.6000	1.8000 +/- 0.6633	14382.0000 +/- 5299.7670
M8Z4a	M8Z4	5	6.4000 +/- 1.5232	21395.2000 +/- 5092.0576	3.8000 +/- 1.1136	19634.6000 +/- 5753.9712	2.2000 +/- 0.8246	17578.0000 +/- 6588.5540
M8Z5	M8Z	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M8Z7	M8Z	5	2.2000 +/- 0.9592	7354.6000 +/- 3206.6056	1.8000 +/- 0.9165	9300.6000 +/- 4735.5555	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
M9	M	243	12.4362 +/- 1.7979	41574.2166 +/- 6010.3797	8.8066 +/- 1.5566	45503.7022 +/- 8042.9522	4.4691 +/- 1.0853	35708.1090 +/- 8671.5470

M9a	M9a b	137	8.2263 +/- 1.5314	27500.5209 +/- 5119.4702	5.3723 +/- 1.2839	27758.6741 +/- 6633.9113	2.1971 +/- 0.6504	17554.8290 +/- 5196.6960
M9a1	M9a	124	7.3387 +/- 1.3601	24533.2741 +/- 4546.8143	4.4194 +/- 1.0018	22835.0398 +/- 5176.3006	2.1452 +/- 0.7167	17140.1480 +/- 5726.4330
M9a1a	M9a1	86	6.5581 +/- 1.4632	21923.7283 +/- 4891.4776	4.4884 +/- 1.2925	23191.5628 +/- 6678.3475	2.5349 +/- 1.0221	20253.8510 +/- 8166.5790
M9a1a1	M9a1a	73	5.7671 +/- 1.3794	19279.4153 +/- 4611.3342	3.8767 +/- 1.1380	20030.9089 +/- 5880.0460	1.6849 +/- 0.6545	13462.3510 +/- 5229.4550
M9a1a1a	M9a1a1	19	1.5789 +/- 0.3069	5278.2627 +/- 1025.9667	1.1579 +/- 0.2578	5982.8693 +/- 1332.0526	0.9474 +/- 0.2354	7569.7260 +/- 1880.8460
M9a1a1b	M9a1a1	3	2.6667 +/- 1.0541	8914.7781 +/- 3523.8563	2.3333 +/- 1.0000	12056.1611 +/- 5167.0000	2.3333 +/- 1.0000	18643.0670 +/- 7990.0000
M9a1a1c	M9a1a1	46	5.3478 +/- 1.6046	17877.6954 +/- 5364.1778	3.7391 +/- 1.4341	19319.9297 +/- 7409.9947	0.8696 +/- 0.2301	6948.1040 +/- 1838.4990
M9a1a1c1	M9a1a1c	45	4.3778 +/- 1.2994	14634.9854 +/- 4343.8942	2.7333 +/- 1.0711	14122.9611 +/- 5534.3737	0.8444 +/- 0.2331	6746.7560 +/- 1862.4690
M9a1a1c1a	M9a1a1c1	8	2.2500 +/- 0.5303	7521.7500 +/- 1772.7929	1.2500 +/- 0.3953	6458.7500 +/- 2042.5151	0.7500 +/- 0.3062	5992.5000 +/- 2446.5380
M9a1a1c1b	M9a1a1c1	35	3.7429 +/- 1.3115	12512.5147 +/- 4384.3445	1.9429 +/- 0.9134	10038.9643 +/- 4719.5378	0.6571 +/- 0.1784	5250.2290 +/- 1425.4160
M9a1a1d	M9a1a1	3	2.6667 +/- 1.1547	8914.7781 +/- 3860.1621	2.0000 +/- 1.0541	10334.0000 +/- 5446.5347	1.3333 +/- 0.8165	10653.0670 +/- 6523.8350
M9a1a2	M9a1a	10	3.4000 +/- 1.2166	11366.2000 +/- 4067.0938	1.0000 +/- 0.4000	5167.0000 +/- 2066.8000	0.6000 +/- 0.2828	4794.0000 +/- 2259.5720
M9a1b	M9a1	37	5.0000 +/- 1.3440	16715.0000 +/- 4492.9920	2.3784 +/- 0.4954	12289.1928 +/- 2559.7318	1.2973 +/- 0.3545	10365.4270 +/- 2832.4550
M9a1b1	M9a1b	28	3.6786 +/- 0.6898	12297.5598 +/- 2306.0014	2.6786 +/- 0.6399	13840.3262 +/- 3306.3633	1.4643 +/- 0.4560	11699.7570 +/- 3643.4400
M9a4	M9a	7	5.5714 +/- 1.3171	18625.1902 +/- 4403.0653	3.4286 +/- 0.8806	17715.5762 +/- 4550.0602	1.5714 +/- 0.4738	12555.4860 +/- 3785.6620
M9a4a	M9a4	6	5.0000 +/- 1.1304	16715.0000 +/- 3778.9272	3.6667 +/- 1.0000	18945.8389 +/- 5167.0000	1.5000 +/- 0.5000	11985.0000 +/- 3995.0000
M9a4a1	M9a4a	4	3.0000 +/- 0.8660	10029.0000 +/- 2895.0380	2.2500 +/- 0.7500	11625.7500 +/- 3875.2500	1.7500 +/- 0.6614	13982.5000 +/- 5284.5860

M9a5	M9a	3	3.6667 +/- 1.2019	12257.7781 +/- 4017.9517	2.0000 +/- 0.8165	10334.0000 +/- 4218.8555	2.0000 +/- 0.8165	15980.0000 +/- 6523.8350
M9a'b	M9	139	10.2086 +/- 2.0550	34127.3498 +/- 6869.8650	6.3813 +/- 1.6044	32972.1771 +/- 8289.9348	3.2374 +/- 1.1762	25866.8260 +/- 9397.8380
M9b	M9a'b	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
M9E	M9	104	9.0769 +/- 1.8212	30344.0767 +/- 6088.2716	6.7115 +/- 1.6864	34678.3205 +/- 8713.6288	4.1154 +/- 1.3999	32882.0460 +/- 11185.2010
M9E1	M9E	70	5.1429 +/- 1.3968	17192.7147 +/- 4669.5024	3.5286 +/- 1.2139	18232.2762 +/- 6272.2213	1.5000 +/- 0.8763	11985.0000 +/- 7001.6370
M9E1a	M9E1	60	4.1167 +/- 1.2522	13762.1281 +/- 4186.1046	2.5667 +/- 0.9718	13262.1389 +/- 5021.2906	0.4500 +/- 0.1213	3595.5000 +/- 969.1870
M9E1a1	M9E1a	47	3.3830 +/- 1.2283	11309.3690 +/- 4106.2069	1.9149 +/- 0.7284	9894.2883 +/- 3763.6428	0.4468 +/- 0.1459	3569.9320 +/- 1165.7410
M9E1a1a	M9E1a1	46	2.4565 +/- 0.7584	8212.0795 +/- 2535.3312	1.9565 +/- 0.7442	10109.2355 +/- 3845.2814	0.4565 +/- 0.1490	3647.4350 +/- 1190.5100
M9E1a1a1	M9E1a1a	31	1.6452 +/- 0.4573	5499.9036 +/- 1528.7539	1.2258 +/- 0.4181	6333.7086 +/- 2160.3227	0.3871 +/- 0.1935	3092.9290 +/- 1546.0650
M9E1a2	M9E1a	8	3.2500 +/- 0.6847	10864.7500 +/- 2288.9521	1.6250 +/- 0.4507	8396.3750 +/- 2328.7669	0.6250 +/- 0.2795	4993.7500 +/- 2233.2050
M9E1b	M9E1	10	3.3000 +/- 1.0724	11031.9000 +/- 3585.0332	1.3000 +/- 0.4583	6717.1000 +/- 2368.0361	0.8000 +/- 0.3162	6392.0000 +/- 2526.4380
M9E1b1	M9E1b	3	3.0000 +/- 1.1055	10029.0000 +/- 3695.6865	1.0000 +/- 0.7454	5167.0000 +/- 3851.4818	1.0000 +/- 0.7454	7990.0000 +/- 5955.7460
M9E2	M9E	34	3.9412 +/- 0.8998	13175.4316 +/- 3008.0314	2.0294 +/- 0.6383	10485.9098 +/- 3298.0961	1.3235 +/- 0.6035	10574.7650 +/- 4821.9650
M9E2a	M9E2	19	2.6842 +/- 0.5076	8973.2806 +/- 1696.9068	1.7895 +/- 0.4340	9246.3465 +/- 2242.4780	0.9474 +/- 0.3244	7569.7260 +/- 2591.9560
M9E2a1	M9E2a	4	3.0000 +/- 1.4142	10029.0000 +/- 4727.6706	2.5000 +/- 1.3229	12917.5000 +/- 6835.4243	0.7500 +/- 0.7500	5992.5000 +/- 5992.5000
M9E2a3	M9E2a	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
M9E2b	M9E2	15	3.2667 +/- 1.0687	10920.5781 +/- 3572.6641	1.0667 +/- 0.4320	5511.6389 +/- 2232.1440	0.5333 +/- 0.3127	4261.0670 +/- 2498.4730

M9E2b1	M9E2b	12	2.5833 +/- 0.8457	8635.9719 +/- 2827.1751	1.0000 +/- 0.5000	5167.0000 +/- 2583.5000	0.4167 +/- 0.3436	3329.4330 +/- 2745.3640
M9E2b2	M9E2b	2	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD	M	896	12.6741 +/- 1.6640	42369.5163 +/- 5562.7520	9.4882 +/- 1.6302	49025.5294 +/- 8423.2434	4.7447 +/- 0.9894	37910.1530 +/- 7905.3060
MD4	MD	790	9.1042 +/- 0.6548	30435.3406 +/- 2188.9964	6.3062 +/- 0.5787	32584.1354 +/- 2990.1429	3.6747 +/- 0.4736	29360.8530 +/- 3784.0640
MD4a	MD4	90	4.1778 +/- 0.8495	13966.3854 +/- 2839.8785	3.2556 +/- 0.8333	16821.6852 +/- 4305.6611	1.3000 +/- 0.2349	10387.0000 +/- 1876.8510
MD4a1	MD4a	67	2.4478 +/- 0.4493	8182.9954 +/- 1502.0099	1.7910 +/- 0.4284	9254.0970 +/- 2213.5428	0.8806 +/- 0.2572	7035.9940 +/- 2055.0280
MD4a1a	MD4a1	14	2.6429 +/- 1.0376	8835.2147 +/- 3468.6968	2.2143 +/- 1.0227	11441.2881 +/- 5284.2909	0.7143 +/- 0.3642	5707.2570 +/- 2909.9580
MD4a1a1	MD4a1a	13	1.7692 +/- 0.4925	5914.4356 +/- 1646.4275	1.3846 +/- 0.4615	7154.2282 +/- 2384.5705	0.7692 +/- 0.3922	6145.9080 +/- 3133.6780
MD4a1b	MD4a1	18	1.2778 +/- 0.3287	4271.6854 +/- 1098.8441	0.6667 +/- 0.1925	3444.8389 +/- 994.6475	0.5000 +/- 0.1667	3995.0000 +/- 1331.9330
MD4a1b1	MD4a1b	4	0.5000 +/- 0.3536	1671.5000 +/- 1182.0848	0.2500 +/- 0.2500	1291.7500 +/- 1291.7500	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
MD4a1c	MD4a1	6	1.5000 +/- 0.6455	5014.5000 +/- 2157.9065	0.6667 +/- 0.3333	3444.8389 +/- 1722.1611	0.3333 +/- 0.2357	2663.0670 +/- 1883.2430
MD4a1d	MD4a1	3	1.3333 +/- 0.6667	4457.2219 +/- 2228.7781	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
MD4a1e	MD4a1	3	3.0000 +/- 1.2019	10029.0000 +/- 4017.9517	3.0000 +/- 1.2019	15501.0000 +/- 6210.2173	2.6667 +/- 1.1547	21306.9330 +/- 9226.0530
MD4a2	MD4a	6	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	2.8333 +/- 1.2134	14639.6611 +/- 6269.6378	1.3333 +/- 0.7454	10653.0670 +/- 5955.7460
MD4a2a	MD4a2	4	0.5000 +/- 0.3536	1671.5000 +/- 1182.0848	0.2500 +/- 0.2500	1291.7500 +/- 1291.7500	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
MD4a3	MD4a	9	6.4444 +/- 1.2862	21543.6292 +/- 4299.7666	4.8889 +/- 1.1222	25260.9463 +/- 5798.4074	3.0000 +/- 0.9362	23970.0000 +/- 7480.2380
MD4a3a	MD4a3	2	1.5000 +/-	5014.5000 +/-	1.5000 +/-	7750.5000 +/-	1.0000 +/- 0.7071	7990.0000 +/-

			0.8660	2895.0380	0.8660	4474.6220		5649.7290
MD4a3b	MD4a3	6	4.8333 +/- 1.3229	16157.7219 +/- 4422.4547	3.0000 +/- 1.0000	15501.0000 +/- 5167.0000	1.3333 +/- 0.6236	10653.0670 +/- 4982.5640
MD4a4	MD4a	2	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4b	MD4	174	10.3488 +/- 1.6041	34596.0384 +/- 5362.5063	7.1977 +/- 1.3184	37190.5159 +/- 6812.1728	5.4244 +/- 1.2367	43340.9560 +/- 9881.2330
MD4b1	MD4b	63	8.7705 +/- 1.2882	29319.7815 +/- 4306.4526	6.2295 +/- 1.0887	32187.8265 +/- 5625.3129	4.0984 +/- 0.8810	32746.2160 +/- 7039.1900
MD4b1a	MD4b1	28	8.0741 +/- 1.6127	26991.7163 +/- 5391.2561	6.1852 +/- 1.4755	31958.9284 +/- 7623.9085	4.9259 +/- 1.4157	39357.9410 +/- 11311.4430
MD4b1a1	MD4b1a	8	2.1250 +/- 0.6731	7103.8750 +/- 2250.1733	1.6250 +/- 0.6250	8396.3750 +/- 3229.3750	0.3750 +/- 0.2165	2996.2500 +/- 1729.8350
MD4b1a1a	MD4b1a1	4	0.7500 +/- 0.4330	2507.2500 +/- 1447.5190	0.2500 +/- 0.2500	1291.7500 +/- 1291.7500	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4b1a2	MD4b1a	19	6.0526 +/- 1.4519	20233.8418 +/- 4853.7017	3.5789 +/- 1.1239	18492.1763 +/- 5807.1913	2.7368 +/- 1.0735	21867.0320 +/- 8577.2650
MD4b1a2a	MD4b1a2	18	4.9444 +/- 1.1507	16529.1292 +/- 3846.7901	2.3889 +/- 0.6211	12343.4463 +/- 3209.2237	1.7222 +/- 0.5241	13760.3780 +/- 4187.5590
MD4b1a2a1	MD4b1a2a	13	4.5385 +/- 1.1641	15172.2055 +/- 3891.5863	2.2308 +/- 0.7576	11526.5436 +/- 3914.5192	1.6154 +/- 0.6296	12907.0460 +/- 5030.5040
MD4b1b	MD4b1	23	5.5455 +/- 1.7463	18538.6065 +/- 5837.8809	4.2273 +/- 1.5554	21842.4591 +/- 8036.7518	2.4545 +/- 1.1836	19611.4550 +/- 9456.9640
MD4b1b1	MD4b1b	19	3.7222 +/- 1.5664	12443.3146 +/- 5236.4752	2.4444 +/- 1.2423	12630.2148 +/- 6418.9641	0.5000 +/- 0.1843	3995.0000 +/- 1472.5570
MD4b1b1a	MD4b1b1	18	1.7059 +/- 0.8585	5702.8237 +/- 2869.9655	1.4118 +/- 0.8484	7294.7706 +/- 4383.6828	0.4118 +/- 0.1765	3290.2820 +/- 1410.2350
MD4b1b2	MD4b1b	3	4.0000 +/- 1.4907	13372.0000 +/- 4983.4101	2.3333 +/- 1.1055	12056.1611 +/- 5712.1185	1.6667 +/- 1.0000	13316.9330 +/- 7990.0000
MD4b1D3	MD4b1	9	0.8889 +/- 0.3143	2971.5927 +/- 1050.7049	0.8889 +/- 0.3143	4592.9463 +/- 1623.9881	0.2222 +/- 0.1571	1775.3780 +/- 1255.2290
MD4b2	MD4b	111	6.0180 +/- 1.2121	20118.1740 +/- 4052.0503	4.0811 +/- 0.9539	21087.0437 +/- 4928.8013	3.0541 +/- 0.9130	24402.2590 +/- 7294.8700
			5.6296	18819.7528	3.8148	19711.0716		23970.0000

MD4b2a	MD4b2	27	+/- 1.4181	+/- 4740.7083	+/- 1.2289	+/- 6349.7263	3.0000 +/- 1.1984	+/- 9575.2160
MD4b2a1	MD4b2a	6	0.6667 +/- 0.3333	2228.7781 +/- 1114.2219	0.5000 +/- 0.2887	2583.5000 +/- 1491.7129	0.1667 +/- 0.1667	1331.9330 +/- 1331.9330
MD4b2a2	MD4b2a	20	4.0500 +/- 1.1673	13539.1500 +/- 3902.2839	2.3500 +/- 0.7984	12142.4500 +/- 4125.3328	1.8500 +/- 0.7794	14781.5000 +/- 6227.4060
MD4b2a2a	MD4b2a2	14	2.4286 +/- 0.7491	8118.8098 +/- 2504.2413	1.4286 +/- 0.3499	7381.5762 +/- 1807.9333	1.0000 +/- 0.2857	7990.0000 +/- 2282.7430
MD4b2a2b	MD4b2a2	5	1.8000 +/- 0.7211	6017.4000 +/- 2410.6373	1.4000 +/- 0.6000	7233.8000 +/- 3100.2000	0.8000 +/- 0.4899	6392.0000 +/- 3914.3010
MD4b2b	MD4b2	81	4.8642 +/- 1.1920	16261.0206 +/- 3984.8560	2.8519 +/- 0.6534	14735.7673 +/- 3376.1178	2.0494 +/- 0.6348	16374.7060 +/- 5072.0520
MD4b2b1	MD4b2b	48	1.9167 +/- 0.3090	6407.5281 +/- 1032.9870	1.2083 +/- 0.2062	6243.2861 +/- 1065.4354	0.7917 +/- 0.1768	6325.6830 +/- 1412.6320
MD4b2b1a	MD4b2b1	5	2.8000 +/- 1.0198	9360.4000 +/- 3409.1914	1.6000 +/- 0.5657	8267.2000 +/- 2922.9719	1.0000 +/- 0.4472	7990.0000 +/- 3573.1280
MD4b2b1b	MD4b2b1	3	0.3333 +/- 0.3333	1114.2219 +/- 1114.2219	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4b2b2	MD4b2b	6	3.6667 +/- 1.0801	12257.7781 +/- 3610.7743	1.5000 +/- 0.6872	7750.5000 +/- 3550.7624	1.1667 +/- 0.6455	9321.9330 +/- 5157.5450
MD4b2b3	MD4b2b	6	0.8333 +/- 0.3727	2785.7219 +/- 1245.9361	0.5000 +/- 0.2887	2583.5000 +/- 1491.7129	0.3333 +/- 0.2357	2663.0670 +/- 1883.2430
MD4b2b4	MD4b2b	4	5.5000 +/- 1.6583	18386.5000 +/- 5543.6969	4.0000 +/- 1.4142	20668.0000 +/- 7307.1714	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
MD4b2b5	MD4b2b	9	4.7778 +/- 1.2717	15972.1854 +/- 4251.2931	4.0000 +/- 1.2070	20668.0000 +/- 6236.5690	3.1111 +/- 1.0887	24857.6890 +/- 8698.7130
MD4c	MD4	43	7.4884 +/- 1.4601	25033.7212 +/- 4881.1143	3.9302 +/- 1.0629	20307.3434 +/- 5492.0043	1.8837 +/- 0.7081	15050.7630 +/- 5657.7190
MD4c1	MD4c	26	7.0385 +/- 1.6359	23529.7055 +/- 5468.8137	2.8462 +/- 1.0074	14706.3154 +/- 5205.2358	1.0000 +/- 0.5934	7990.0000 +/- 4741.2660
MD4c1a	MD4c1	15	1.7333 +/- 0.3887	5794.4219 +/- 1299.4241	0.8000 +/- 0.2981	4133.6000 +/- 1540.2827	0.3333 +/- 0.1764	2663.0670 +/- 1409.4360
MD4c1a1	MD4c1a	3	2.0000 +/- 0.8165	6686.0000 +/- 2729.5595	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000

MD4c1b	MD4c1	11	4.4545 +/- 1.5401	14891.3935 +/- 5148.5543	1.9091 +/- 0.8861	9864.3197 +/- 4578.4787	0.5455 +/- 0.2227	4358.5450 +/- 1779.3730
MD4c1b1	MD4c1b	9	2.1111 +/- 0.7115	7057.4073 +/- 2378.5445	1.0000 +/- 0.3685	5167.0000 +/- 1904.0395	0.5556 +/- 0.2485	4439.2440 +/- 1985.5150
MD4c2	MD4c	17	3.1176 +/- 0.8381	10422.1368 +/- 2801.7683	2.0588 +/- 0.7180	10637.8196 +/- 3709.9060	1.2353 +/- 0.6197	9870.0470 +/- 4951.4030
MD4d	MD4	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4D1	MD4	45	5.3111 +/- 0.5111	17755.0073 +/- 1708.6073	3.4222 +/- 0.3963	17682.5074 +/- 2047.6821	2.1333 +/- 0.3127	17045.0670 +/- 2498.4730
MD4D1a	MD4D1	3	7.3333 +/- 1.8856	24515.2219 +/- 6303.5608	4.3333 +/- 1.3744	22390.1611 +/- 7101.5248	3.3333 +/- 1.1547	26633.0670 +/- 9226.0530
MD4D1b	MD4D1	3	0.3333 +/- 0.3333	1114.2219 +/- 1114.2219	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
MD4D1c	MD4D1	5	1.0000 +/- 0.6000	3343.0000 +/- 2005.8000	1.0000 +/- 0.6000	5167.0000 +/- 3100.2000	0.6000 +/- 0.4472	4794.0000 +/- 3573.1280
MD4D1d	MD4D1	4	2.7500 +/- 0.9682	9193.2500 +/- 3236.6926	1.5000 +/- 0.7071	7750.5000 +/- 3653.5857	0.7500 +/- 0.4330	5992.5000 +/- 3459.6700
MD4D1e	MD4D1	2	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
MD4D1f	MD4D1	7	6.7143 +/- 1.4777	22445.9049 +/- 4939.9511	3.1429 +/- 0.9035	16239.3643 +/- 4668.3845	2.0000 +/- 0.7825	15980.0000 +/- 6252.1750
MD4D1f1	MD4D1f	4	3.0000 +/- 1.1726	10029.0000 +/- 3920.0018	1.7500 +/- 0.9014	9042.2500 +/- 4657.5338	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
MD4e	MD4	138	7.1594 +/- 1.3508	23933.8742 +/- 4515.7244	4.9783 +/- 1.1979	25722.8761 +/- 6189.5493	2.6667 +/- 0.8881	21306.9330 +/- 7095.9190
MD4e1	MD4e1'3	81	7.4815 +/- 1.7071	25010.6545 +/- 5706.8353	4.5556 +/- 1.3449	23538.7852 +/- 6949.0983	2.2469 +/- 0.9825	17952.7310 +/- 7850.1750
MD4e1'3	MD4e	83	8.3373 +/- 1.9311	27871.5939 +/- 6455.6673	5.4699 +/- 1.6359	28262.9733 +/- 8452.6953	2.2169 +/- 0.9592	17713.0310 +/- 7664.0080
MD4e1a	MD4e1	19	4.0000 +/- 0.9986	13372.0000 +/- 3338.3198	1.3158 +/- 0.5545	6798.7386 +/- 2865.1015	0.4211 +/- 0.1664	3364.5890 +/- 1329.5360
MD4e1a1	MD4e1a	6	1.0000 +/- 0.4082	3343.0000 +/- 1364.6126	0.5000 +/- 0.2887	2583.5000 +/- 1491.7129	0.0000 +/- 0.0000	0.0000 +/- 0.0000

MD4e1a2	MD4e1a	8	3.7500 +/- 1.5612	12536.2500 +/- 5219.0916	2.1250 +/- 1.2562	10979.8750 +/- 6490.7854	0.3750 +/- 0.2165	2996.2500 +/- 1729.8350
MD4e1a2a	MD4e1a2	7	0.7143 +/- 0.3194	2387.9049 +/- 1067.7542	0.2857 +/- 0.2020	1476.2119 +/- 1043.7340	0.2857 +/- 0.2020	2282.7430 +/- 1613.9800
MD4e1b	MD4e1	57	5.7368 +/- 1.8226	19178.1224 +/- 6092.9518	3.9298 +/- 1.5106	20305.2766 +/- 7805.2702	1.3860 +/- 0.8510	11074.1400 +/- 6799.4900
MD4e1D2	MD4e1b	56	3.7679 +/- 1.2002	12596.0897 +/- 4012.2686	2.9464 +/- 1.1676	15224.0488 +/- 6032.9892	1.3571 +/- 0.8657	10843.2290 +/- 6916.9430
MD4e1D2a	MD4e1D2	47	2.3830 +/- 0.9506	7966.3690 +/- 3177.8558	1.9362 +/- 0.9277	10004.3454 +/- 4793.4259	0.4894 +/- 0.2282	3910.3060 +/- 1823.3180
MD4e1D2a1	MD4e1D2a	33	1.9394 +/- 0.8667	6483.4142 +/- 2897.3781	1.3939 +/- 0.8176	7202.2813 +/- 4224.5392	0.3636 +/- 0.1714	2905.1640 +/- 1369.4860
MD4e1D2a1a	MD4e1D2a1	26	0.7308 +/- 0.3004	2443.0644 +/- 1004.2372	0.5769 +/- 0.2580	2980.8423 +/- 1333.0860	0.3462 +/- 0.1999	2766.1380 +/- 1597.2010
MD4e1D2a1b	MD4e1D2a1	6	0.8333 +/- 0.4410	2785.7219 +/- 1474.2630	0.6667 +/- 0.4082	3444.8389 +/- 2109.1694	0.5000 +/- 0.3727	3995.0000 +/- 2977.8730
MD4e1D2a2	MD4e1D2a	9	0.4444 +/- 0.2222	1485.6292 +/- 742.8146	0.3333 +/- 0.1925	1722.1611 +/- 994.6475	0.2222 +/- 0.1571	1775.3780 +/- 1255.2290
MD4e1D2b	MD4e1D2	9	3.7778 +/- 1.3608	12629.1854 +/- 4549.1544	2.0000 +/- 1.0184	10334.0000 +/- 5262.0728	0.6667 +/- 0.5666	5326.9330 +/- 4527.1340
MD4e1D2b1	MD4e1D2b	7	2.0000 +/- 0.9258	6686.0000 +/- 3094.9494	0.8571 +/- 0.7284	4428.6357 +/- 3763.6428	0.7143 +/- 0.7143	5707.2570 +/- 5707.2570
MD4e1D2b1a	MD4e1D2b1	5	1.2000 +/- 0.7483	4011.6000 +/- 2501.5669	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4e2	MD4e	39	1.7179 +/- 0.2797	5742.9397 +/- 935.0371	1.1026 +/- 0.2161	5697.1342 +/- 1116.5887	0.5641 +/- 0.1581	4507.1590 +/- 1263.2190
MD4e2a	MD4e2	4	1.2500 +/- 0.5590	4178.7500 +/- 1868.7370	0.5000 +/- 0.3536	2583.5000 +/- 1827.0512	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4e2b	MD4e2	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4e2c	MD4e2	4	1.2500 +/- 0.5590	4178.7500 +/- 1868.7370	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4e3	MD4e1'3	2	0.5000 +/-	1671.5000 +/-	0.0000 +/-	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000

			0.5000	1671.5000	0.0000			
MD4e4	MD4e	6	3.6667 +/- 1.0274	12257.7781 +/- 3434.5982	1.8333 +/- 0.8333	9472.6611 +/- 4305.6611	1.1667 +/- 0.7265	9321.9330 +/- 5804.7350
MD4e5	MD4e	10	4.1000 +/- 1.2207	13706.3000 +/- 4080.8001	1.9000 +/- 0.8775	9817.3000 +/- 4534.0425	0.5000 +/- 0.3000	3995.0000 +/- 2397.0000
MD4e5a	MD4e5	7	3.8571 +/- 1.3477	12894.2853 +/- 4505.3611	0.8571 +/- 0.6061	4428.6357 +/- 3131.7187	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4e5a1	MD4e5a	4	1.5000 +/- 0.9354	5014.5000 +/- 3127.0422	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4f	MD4	13	5.0000 +/- 1.8795	16715.0000 +/- 6283.1685	4.3846 +/- 1.8605	22655.2282 +/- 9613.2035	1.3846 +/- 0.9421	11062.9540 +/- 7527.3790
MD4f1	MD4f	12	1.0833 +/- 0.3436	3621.4719 +/- 1148.6548	0.5833 +/- 0.2205	3013.9111 +/- 1139.3235	0.5000 +/- 0.2041	3995.0000 +/- 1630.7590
MD4g	MD4	39	7.3158 +/- 1.5399	24456.7194 +/- 5147.8857	4.8421 +/- 1.2746	25019.1307 +/- 6585.8582	2.5526 +/- 0.8217	20395.2740 +/- 6565.3830
MD4g1	MD4g	25	1.6800 +/- 0.4118	5616.2400 +/- 1376.6474	1.4800 +/- 0.4020	7647.1600 +/- 2077.1340	0.9200 +/- 0.3323	7350.8000 +/- 2655.0770
MD4g1a	MD4g1	3	1.0000 +/- 0.5774	3343.0000 +/- 1930.2482	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	1.0000 +/- 0.5774	7990.0000 +/- 4613.4260
MD4g1b	MD4g1	5	0.6000 +/- 0.3464	2005.8000 +/- 1158.0152	0.4000 +/- 0.2828	2066.8000 +/- 1461.2276	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
MD4g1c	MD4g1	4	1.2500 +/- 0.5590	4178.7500 +/- 1868.7370	1.0000 +/- 0.5000	5167.0000 +/- 2583.5000	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
MD4g2	MD4g	14	7.4615 +/- 1.3566	24943.7945 +/- 4535.1138	4.5385 +/- 1.0906	23450.4295 +/- 5635.1302	2.7692 +/- 0.8141	22125.9080 +/- 6504.6590
MD4g2a	MD4g2	9	5.5000 +/- 1.2374	18386.5000 +/- 4136.6282	3.2500 +/- 1.0897	16792.7500 +/- 5630.4799	2.1250 +/- 0.9922	16978.7500 +/- 7927.6780
MD4g2a1	MD4g2a	8	3.5714 +/- 0.8690	11939.1902 +/- 2905.0670	2.2857 +/- 0.6999	11810.2119 +/- 3616.3833	1.2857 +/- 0.5151	10272.7430 +/- 4115.6490
MD4g2a1a	MD4g2a1	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4g2b	MD4g2	4	6.7500 +/- 1.9843	22565.2500 +/- 6633.5149	4.2500 +/- 1.6008	21959.7500 +/- 8271.3336	3.2500 +/- 1.3919	25967.5000 +/- 11121.2810
			12.5079	41813.9097	8.0000	41336.0000	4.0635 +/-	32467.3650

MD4h	MD4	63	+/- 2.1503	+/- 7188.4529	+/- 1.7437	+/- 9009.6979	1.2264	+/- 9798.9360
MD4h1	MD4h	15	6.2000 +/- 1.2019	20726.6000 +/- 4017.9517	3.8000 +/- 0.9068	19634.6000 +/- 4685.4356	2.1333 +/- 0.7180	17045.0670 +/- 5736.8200
MD4h1a	MD4h1	7	4.2857 +/- 1.2778	14327.0951 +/- 4271.6854	3.1429 +/- 1.1066	16239.3643 +/- 5717.8022	1.5714 +/- 0.7954	12555.4860 +/- 6355.2460
MD4h1a1	MD4h1a	4	2.0000 +/- 0.7906	6686.0000 +/- 2642.9758	1.2500 +/- 0.6614	6458.7500 +/- 3417.4538	1.0000 +/- 0.6124	7990.0000 +/- 4893.0760
MD4h1a2	MD4h1a	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4h2	MD4h	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4h3	MD4h	44	11.8409 +/- 2.4848	39584.1287 +/- 8306.6864	8.7727 +/- 2.2634	45328.5409 +/- 11694.9878	4.8409 +/- 1.7358	38678.7910 +/- 13869.0420
MD4h3a	MD4h3	43	5.9070 +/- 0.6780	19747.1010 +/- 2266.5540	3.8140 +/- 0.6002	19706.9380 +/- 3101.2334	1.9302 +/- 0.3926	15422.2980 +/- 3136.8740
MD4h3a1	MD4h3a	11	5.1818 +/- 1.4799	17322.7574 +/- 4947.3057	4.0000 +/- 1.4084	20668.0000 +/- 7277.2028	1.5455 +/- 0.6983	12348.5450 +/- 5579.4170
MD4h3a2	MD4h3a	4	4.2500 +/- 1.3919	14207.7500 +/- 4653.1217	1.5000 +/- 0.7906	7750.5000 +/- 4085.0302	1.2500 +/- 0.7500	9987.5000 +/- 5992.5000
MD4h3a3	MD4h3a	7	4.7143 +/- 1.3477	15759.9049 +/- 4505.3611	2.2857 +/- 0.9035	11810.2119 +/- 4668.3845	0.7143 +/- 0.3194	5707.2570 +/- 2552.0060
MD4h3a3a	MD4h3a3	6	3.0000 +/- 1.1055	10029.0000 +/- 3695.6865	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	0.3333 +/- 0.2357	2663.0670 +/- 1883.2430
MD4h3a4	MD4h3a	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4h3b	MD4h3	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4h4	MD4h	3	6.0000 +/- 1.6997	20058.0000 +/- 5682.0971	3.3333 +/- 1.3333	17223.1611 +/- 6889.1611	2.3333 +/- 1.1055	18643.0670 +/- 8832.9450
MD4i	MD4	12	3.7500 +/- 0.9538	12536.2500 +/- 3188.5534	1.5000 +/- 0.5893	7750.5000 +/- 3044.9131	0.2500 +/- 0.1443	1997.5000 +/- 1152.9570
MD4i1	MD4i	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.0000 +/- 0.0000	0.0000 +/- 0.0000

MD4i2	MD4i	6	2.8333 +/- 1.3229	9471.7219 +/- 4422.4547	0.5000 +/- 0.2887	2583.5000 +/- 1491.7129	0.1667 +/- 0.1667	1331.9330 +/- 1331.9330
MD4j	MD4	96	5.9063 +/- 0.9326	19744.7609 +/- 3117.6818	4.1979 +/- 0.8364	21690.5493 +/- 4321.6788	2.2604 +/- 0.5858	18060.5960 +/- 4680.5420
MD4j1	MD4j	36	8.0833 +/- 2.1622	27022.4719 +/- 7228.2346	6.1944 +/- 1.9299	32006.4648 +/- 9971.7933	3.5000 +/- 1.5067	27965.0000 +/- 12038.5330
MD4j10	MD4j	7	0.5714 +/- 0.4518	1910.1902 +/- 1510.3674	0.5714 +/- 0.4518	2952.4238 +/- 2334.4506	0.4286 +/- 0.4286	3424.5140 +/- 3424.5140
MD4j11	MD4j	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
MD4j1a	MD4j1	32	6.1875 +/- 1.9615	20684.8125 +/- 6557.2945	5.2188 +/- 1.9114	26965.5396 +/- 9876.2038	2.7500 +/- 1.3614	21972.5000 +/- 10877.5860
MD4j1b	MD4j1	4	5.2500 +/- 1.5612	17550.7500 +/- 5219.0916	4.0000 +/- 1.3693	20668.0000 +/- 7075.1731	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
MD4j2	MD4j	3	1.6667 +/- 0.8819	5571.7781 +/- 2948.1917	1.0000 +/- 0.7454	5167.0000 +/- 3851.4818	1.0000 +/- 0.7454	7990.0000 +/- 5955.7460
MD4j3	MD4j	7	3.5714 +/- 1.1339	11939.1902 +/- 3790.6277	2.7143 +/- 1.0202	14024.7881 +/- 5271.3734	1.7143 +/- 0.6999	13697.2570 +/- 5592.2010
MD4j4	MD4j	6	1.3333 +/- 0.7817	4457.2219 +/- 2613.2231	0.3333 +/- 0.2357	1722.1611 +/- 1217.8619	0.3333 +/- 0.2357	2663.0670 +/- 1883.2430
MD4j5	MD4j	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4j6	MD4j	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
MD4j7	MD4j	3	2.3333 +/- 1.1055	7800.2219 +/- 3695.6865	1.6667 +/- 1.0000	8611.8389 +/- 5167.0000	0.6667 +/- 0.6667	5326.9330 +/- 5326.9330
MD4j8	MD4j	6	1.1667 +/- 0.5528	3900.2781 +/- 1848.0104	0.6667 +/- 0.4082	3444.8389 +/- 2109.1694	0.6667 +/- 0.4082	5326.9330 +/- 3261.5180
MD4j9	MD4j	6	1.8333 +/- 0.6872	6128.7219 +/- 2297.3096	1.0000 +/- 0.4082	5167.0000 +/- 2109.1694	0.1667 +/- 0.1667	1331.9330 +/- 1331.9330
MD4k	MD4	5	3.0000 +/- 1.1489	10029.0000 +/- 3840.7727	2.0000 +/- 0.8000	10334.0000 +/- 4133.6000	1.0000 +/- 0.6000	7990.0000 +/- 4794.0000
MD4l	MD4	10	5.6000 +/- 1.2490	18720.8000 +/- 4175.4070	2.9000 +/- 0.8888	14984.3000 +/- 4592.4296	1.0000 +/- 0.4690	7990.0000 +/- 3747.3100

MD4l1	MD4l	5	4.0000 +/- 1.2329	13372.0000 +/- 4121.5847	2.6000 +/- 1.1136	13434.2000 +/- 5753.9712	1.0000 +/- 0.8246	7990.0000 +/- 6588.5540
MD4l2	MD4l	5	5.2000 +/- 1.6492	17383.6000 +/- 5513.2756	2.2000 +/- 0.9592	11367.4000 +/- 4956.1864	1.0000 +/- 0.4472	7990.0000 +/- 3573.1280
MD4m	MD4	10	8.0000 +/- 1.8111	26744.0000 +/- 6054.5073	5.0000 +/- 1.4000	25835.0000 +/- 7233.8000	2.4000 +/- 0.8485	19176.0000 +/- 6779.5150
MD4m1	MD4m	3	1.6667 +/- 0.7454	5571.7781 +/- 2491.8722	1.3333 +/- 0.6667	6889.1611 +/- 3444.8389	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
MD4m2	MD4m	7	4.1429 +/- 1.2206	13849.7147 +/- 4080.4658	2.8571 +/- 1.0880	14762.6357 +/- 5621.6960	2.2857 +/- 1.0302	18262.7430 +/- 8231.2980
MD4n	MD4	8	2.2500 +/- 0.7500	7521.7500 +/- 2507.2500	1.3750 +/- 0.6731	7104.6250 +/- 3477.9077	0.2500 +/- 0.1768	1997.5000 +/- 1412.6320
MD4n1	MD4n	4	1.0000 +/- 0.7906	3343.0000 +/- 2642.9758	1.0000 +/- 0.7906	5167.0000 +/- 4085.0302	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD4o	MD4	15	6.8667 +/- 1.4652	22955.3781 +/- 4898.1636	3.7333 +/- 1.0541	19289.9611 +/- 5446.5347	2.2667 +/- 0.8537	18110.9330 +/- 6821.0630
MD4o1	MD4o	7	4.1429 +/- 1.2857	13849.7147 +/- 4298.0951	2.2857 +/- 0.8806	11810.2119 +/- 4550.0602	0.5714 +/- 0.2857	4565.4860 +/- 2282.7430
MD4o2	MD4o	7	2.7143 +/- 1.0400	9073.9049 +/- 3476.7200	1.1429 +/- 0.4949	5905.3643 +/- 2557.1483	0.8571 +/- 0.4518	6848.2290 +/- 3609.8820
MD4q	MD4	15	3.4667 +/- 1.2614	11589.1781 +/- 4216.8602	2.0667 +/- 0.9592	10678.6389 +/- 4956.1864	1.0667 +/- 0.6667	8522.9330 +/- 5326.9330
MD4q1	MD4q	10	2.7000 +/- 1.3528	9026.1000 +/- 4522.4104	2.6000 +/- 1.3491	13434.2000 +/- 6970.7997	1.6000 +/- 1.0000	12784.0000 +/- 7990.0000
MD4q1a	MD4q1	9	0.8889 +/- 0.4969	2971.5927 +/- 1661.1367	0.8889 +/- 0.4969	4592.9463 +/- 2567.4823	0.7778 +/- 0.4843	6214.6220 +/- 3869.5570
MD4r	MD4	5	1.0000 +/- 0.5292	3343.0000 +/- 1769.1156	1.0000 +/- 0.5292	5167.0000 +/- 2734.3764	0.6000 +/- 0.3464	4794.0000 +/- 2767.7360
MD4s	MD4	2	4.5000 +/- 1.5000	15043.5000 +/- 5014.5000	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
MD5	MD	96	12.2813 +/- 1.9656	41056.3859 +/- 6571.0008	7.9479 +/- 1.6610	41066.7993 +/- 8582.3870	4.0938 +/- 1.1788	32709.4620 +/- 9418.6120
MD5a	MD5a'b	64	7.5781 +/-	25333.5883 +/-	3.5781 +/-	18488.0427 +/-	1.6563 +/-	13233.8370 +/-

			1.7321	5790.4103	0.9099	4701.4533	0.3452	2758.1480
MD5a1	MD5a	8	3.1250 +/- 1.0383	10446.8750 +/- 3471.0369	2.3750 +/- 0.9922	12271.6250 +/- 5126.6974	1.8750 +/- 0.9437	14981.2500 +/- 7540.1630
MD5a1a	MD5a1	6	2.5000 +/- 0.8975	8357.5000 +/- 3000.3425	1.8333 +/- 0.8333	9472.6611 +/- 4305.6611	1.1667 +/- 0.7265	9321.9330 +/- 5804.7350
MD5a2	MD5a	51	5.7451 +/- 1.6017	19205.8693 +/- 5354.4831	2.5686 +/- 0.4878	13271.9562 +/- 2520.4626	1.5882 +/- 0.3965	12689.7180 +/- 3168.0350
MD5a2a	MD5a2	49	4.7959 +/- 1.3325	16032.6937 +/- 4454.5475	2.4898 +/- 0.5040	12864.7966 +/- 2604.1680	1.5714 +/- 0.4107	12555.4860 +/- 3281.4930
MD5a2a1	MD5a2a	36	3.6389 +/- 0.6279	12164.8427 +/- 2099.0697	2.9167 +/- 0.5964	15070.5889 +/- 3081.5988	1.7500 +/- 0.4470	13982.5000 +/- 3571.5300
MD5a2a1a	MD5a2a1	13	1.8462 +/- 0.5439	6171.8466 +/- 1818.2577	1.3077 +/- 0.3689	6756.8859 +/- 1906.1063	0.6154 +/- 0.2665	4917.0460 +/- 2129.3350
MD5a2a1b	MD5a2a1	6	2.1667 +/- 0.7638	7243.2781 +/- 2553.3834	1.3333 +/- 0.5774	6889.1611 +/- 2983.4258	1.3333 +/- 0.5774	10653.0670 +/- 4613.4260
MD5a2a2	MD5a2a	12	0.5000 +/- 0.2041	1671.5000 +/- 682.3063	0.2500 +/- 0.1443	1291.7500 +/- 745.5981	0.1667 +/- 0.1179	1331.9330 +/- 942.0210
MD5a3	MD5a	5	5.6000 +/- 1.6000	18720.8000 +/- 5348.8000	4.0000 +/- 1.3266	20668.0000 +/- 6854.5422	2.0000 +/- 0.9381	15980.0000 +/- 7495.4190
MD5a3a	MD5a3	3	1.3333 +/- 0.6667	4457.2219 +/- 2228.7781	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
MD5a'b	MD5	83	10.7229 +/- 1.9778	35846.6547 +/- 6611.7854	6.9518 +/- 1.5991	35919.9506 +/- 8262.5497	3.0964 +/- 0.8899	24740.2360 +/- 7110.3010
MD5b	MD5a'b	19	6.2105 +/- 1.2521	20761.7015 +/- 4185.7703	4.2105 +/- 1.1698	21755.6535 +/- 6044.3566	2.5789 +/- 0.6425	20605.4110 +/- 5133.5750
MD5b1	MD5b	18	4.8889 +/- 0.8425	16343.5927 +/- 2816.4775	3.0556 +/- 0.7093	15788.2852 +/- 3664.9531	2.5000 +/- 0.6690	19975.0000 +/- 5345.3100
MD5b1a	MD5b1	5	2.2000 +/- 0.9165	7354.6000 +/- 3063.8595	0.6000 +/- 0.3464	3100.2000 +/- 1789.8488	0.6000 +/- 0.3464	4794.0000 +/- 2767.7360
MD5b1a1	MD5b1a	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
MD5b1b	MD5b1	8	3.5000 +/- 1.0000	11700.5000 +/- 3343.0000	1.8750 +/- 0.7806	9688.1250 +/- 4033.3602	1.1250 +/- 0.5728	8988.7500 +/- 4576.6720

MD5b1b1	MD5b1b	4	1.5000 +/- 0.6124	5014.5000 +/- 2047.2532	0.5000 +/- 0.3536	2583.5000 +/- 1827.0512	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
MD5b1c	MD5b1	3	6.6667 +/- 1.7638	22286.7781 +/- 5896.3834	4.6667 +/- 1.4142	24112.8389 +/- 7307.1714	3.3333 +/- 1.2472	26633.0670 +/- 9965.1280
MD5b2	MD5b	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MD5c	MD5	13	9.8462 +/- 2.1122	32915.8466 +/- 7061.0846	3.9231 +/- 1.1991	20270.6577 +/- 6195.7497	2.0769 +/- 0.8600	16594.4310 +/- 6871.4000
MD5c1	MD5c	10	5.5000 +/- 1.7349	18386.5000 +/- 5799.7707	1.0000 +/- 0.3162	5167.0000 +/- 1633.8054	0.4000 +/- 0.2000	3196.0000 +/- 1598.0000
MD6	MD	10	8.3000 +/- 1.5843	27746.9000 +/- 5296.3149	5.8000 +/- 1.2410	29968.6000 +/- 6412.2470	4.9000 +/- 1.1705	39151.0000 +/- 9352.2950
MD6a	MD6	7	7.5714 +/- 1.7670	25311.1902 +/- 5907.0810	5.7143 +/- 1.5386	29525.7881 +/- 7949.9462	4.4286 +/- 1.4214	35384.5140 +/- 11356.9860
MD6a1	MD6a	4	2.2500 +/- 0.8292	7521.7500 +/- 2772.0156	2.0000 +/- 0.7906	10334.0000 +/- 4085.0302	1.2500 +/- 0.6614	9987.5000 +/- 5284.5860
MD6c	MD6	3	3.6667 +/- 1.2019	12257.7781 +/- 4017.9517	3.0000 +/- 1.1055	15501.0000 +/- 5712.1185	3.0000 +/- 1.1055	23970.0000 +/- 8832.9450
MQ	M29Q	26	17.5000 +/- 2.2071	58502.5000 +/- 7378.3353	9.1538 +/- 1.5034	47297.6846 +/- 7768.0678	5.0385 +/- 0.9798	40257.6150 +/- 7828.6020
MQ1	MQ1'2	13	8.3077 +/- 1.1564	27772.6411 +/- 3865.8452	4.4615 +/- 0.7458	23052.5705 +/- 3853.5486	3.0769 +/- 0.6343	24584.4310 +/- 5068.0570
MQ1'2	MQ	23	17.0000 +/- 2.2445	56831.0000 +/- 7503.3635	8.3043 +/- 1.3351	42908.3181 +/- 6898.4617	5.2174 +/- 1.0843	41687.0260 +/- 8663.5570
MQ1a	MQ1	3	7.0000 +/- 1.5986	23401.0000 +/- 5344.1198	3.3333 +/- 1.0541	17223.1611 +/- 5446.5347	2.3333 +/- 0.8819	18643.0670 +/- 7046.3810
MQ1b	MQ1	3	7.0000 +/- 1.9149	23401.0000 +/- 6401.5107	4.3333 +/- 1.5275	22390.1611 +/- 7892.5925	3.3333 +/- 1.3333	26633.0670 +/- 10653.0670
MQ1c	MQ1	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
MQ2	MQ1'2	10	12.6000 +/- 2.2760	42121.8000 +/- 7608.6680	9.7000 +/- 2.0273	50119.9000 +/- 10475.0591	5.4000 +/- 1.4697	43146.0000 +/- 11742.9030
MQ2a	MQ2	9	7.7778 +/- 1.1222	26001.1854 +/- 3751.5146	6.0000 +/- 0.9938	31002.0000 +/- 5134.9646	3.6667 +/- 0.7935	29296.9330 +/- 6340.0650

MQ2b	MQ2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
MQ3	MQ	3	11.6667 +/- 3.0000	39001.7781 +/- 10029.0000	6.0000 +/- 2.0548	31002.0000 +/- 10617.1516	2.6667 +/- 1.4142	21306.9330 +/- 11299.4580
MQ3a	MQ3	3	9.6667 +/- 2.6458	32315.7781 +/- 8844.9094	5.0000 +/- 1.7951	25835.0000 +/- 9275.2817	2.6667 +/- 1.4142	21306.9330 +/- 11299.4580
MQ3a1	MQ3a	3	5.6667 +/- 1.7321	18943.7781 +/- 5790.4103	4.0000 +/- 1.4907	20668.0000 +/- 7702.4469	1.6667 +/- 1.0000	13316.9330 +/- 7990.0000
N	L3	4749	18.9031 +/- 1.4664	63193.0633 +/- 4902.1752	12.3678 +/- 1.1345	63904.4226 +/- 5861.9615	7.0564 +/- 0.9887	56380.6360 +/- 7899.7130
N1	N1'5	115	20.8142 +/- 2.4385	69581.8706 +/- 8151.9055	13.0088 +/- 1.9126	67216.4696 +/- 9882.4042	6.1681 +/- 1.2366	49283.1190 +/- 9880.4340
N10	N	4	22.0000 +/- 3.4095	73546.0000 +/- 11397.9585	16.0000 +/- 2.9368	82672.0000 +/- 15174.4456	11.5000 +/- 2.5495	91885.0000 +/- 20370.5050
N11	N	18	24.8333 +/- 4.2785	83017.7219 +/- 14303.0255	18.1667 +/- 3.6536	93867.3389 +/- 18878.1512	8.0556 +/- 2.3941	64364.2440 +/- 19128.8590
N13	N	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
N1'5	N	120	22.7119 +/- 2.7044	75925.8817 +/- 9040.8092	14.8051 +/- 2.2806	76497.9517 +/- 11783.8602	8.1864 +/- 1.8021	65409.3360 +/- 14398.7790
N1a	N1a'e'l	19	8.7895 +/- 2.0007	29383.2985 +/- 6688.3401	4.7895 +/- 1.4113	24747.3465 +/- 7292.1871	3.0000 +/- 1.1804	23970.0000 +/- 9431.3960
N1a1	N1a	18	7.1667 +/- 1.5664	23958.2781 +/- 5236.4752	4.0000 +/- 1.1027	20668.0000 +/- 5697.6509	2.1111 +/- 0.7412	16867.6890 +/- 5922.1880
N1a1a	N1a1	17	6.0588 +/- 1.3114	20254.5684 +/- 4384.0102	3.7647 +/- 1.1557	19452.2049 +/- 5971.5019	2.0588 +/- 0.7782	16449.8120 +/- 6217.8180
N1a1a1	N1a1a	10	2.7000 +/- 0.6708	9026.1000 +/- 2242.4844	1.4000 +/- 0.4690	7233.8000 +/- 2423.3230	0.9000 +/- 0.4123	7191.0000 +/- 3294.2770
N1a1a2	N1a1a	5	2.0000 +/- 0.9381	6686.0000 +/- 3136.0683	1.0000 +/- 0.4472	5167.0000 +/- 2310.6824	0.8000 +/- 0.4000	6392.0000 +/- 3196.0000
N1a1a3	N1a1a	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
N1a1b	N1a1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000

N1a'c'd'e'l	N1	80	18.6709 +/- 2.7102	62416.8187 +/- 9060.1986	10.8101 +/- 2.0726	55855.7867 +/- 10709.1242	5.7975 +/- 1.4785	46322.0250 +/- 11813.2150
N1a'd'e'l	N1a'c'd'e'l	75	17.8243 +/- 2.7047	59586.6349 +/- 9041.8121	10.9730 +/- 2.2064	56697.4910 +/- 11400.4688	5.8378 +/- 1.5730	46644.0220 +/- 12568.2700
N1a'e'l	N1a'd'e'l	74	15.9452 +/- 2.3485	53304.8036 +/- 7851.0355	9.0411 +/- 1.7324	46715.3637 +/- 8951.3108	4.8630 +/- 1.2417	38855.3700 +/- 9921.1830
N1b	N1	35	8.1471 +/- 1.4925	27235.7553 +/- 4989.4275	5.7941 +/- 1.3475	29938.1147 +/- 6962.5325	3.0294 +/- 1.0444	24204.9060 +/- 8344.7560
N1b1	N1b	21	5.6000 +/- 0.6819	18720.8000 +/- 2279.5917	3.3000 +/- 0.5196	17051.1000 +/- 2684.7732	1.5000 +/- 0.3808	11985.0000 +/- 3042.5920
N1b1a	N1b1	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
N1b1b	N1b1	6	4.4000 +/- 0.9381	14709.2000 +/- 3136.0683	3.4000 +/- 0.8246	17567.8000 +/- 4260.7082	2.0000 +/- 0.6325	15980.0000 +/- 5053.6750
N1b1c	N1b1	3	3.6667 +/- 1.1055	12257.7781 +/- 3695.6865	1.6667 +/- 0.7454	8611.8389 +/- 3851.4818	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
N1b1d	N1b1	3	5.0000 +/- 1.5275	16715.0000 +/- 5106.4325	3.6667 +/- 1.2910	18945.8389 +/- 6670.5970	1.6667 +/- 0.8819	13316.9330 +/- 7046.3810
N1b2	N1b	14	0.9286 +/- 0.3273	3104.3098 +/- 1094.1639	0.5000 +/- 0.2766	2583.5000 +/- 1429.1922	0.3571 +/- 0.2369	2853.2290 +/- 1892.8310
N1c	N1a'c'd'e'l	5	6.4000 +/- 1.4967	21395.2000 +/- 5003.4681	3.4000 +/- 1.0000	17567.8000 +/- 5167.0000	2.2000 +/- 0.8246	17578.0000 +/- 6588.5540
N1d	N1a'd'e'l	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
N1e	N1e'l	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
N1e'l	N1a'e'l	55	11.6481 +/- 2.1433	38939.5983 +/- 7165.0519	6.1296 +/- 1.3203	31671.6432 +/- 6821.9901	2.8148 +/- 0.6307	22490.2520 +/- 5039.2930
N1l	N1e'l	54	8.6415 +/- 1.3283	28888.5345 +/- 4440.5069	5.1698 +/- 0.8990	26712.3566 +/- 4645.1330	2.8113 +/- 0.6418	22462.2870 +/- 5127.9820
N1l1	N1l	20	9.2500 +/- 1.9628	30922.7500 +/- 6561.6404	6.1500 +/- 1.5882	31777.0500 +/- 8206.2294	3.7000 +/- 1.2309	29563.0000 +/- 9834.8910
N1l1a	N1l1	14	7.2143 +/-	24117.4049 +/-	5.0000 +/-	25835.0000 +/-	3.0714 +/- 1.3795	24540.4860 +/-

			2.1056	7039.0208	1.7083	8826.7861		11022.2050
N111a1	N111a	11	1.9091 +/- 0.8282	6382.1213 +/- 2768.6726	1.6364 +/- 0.8131	8455.2788 +/- 4201.2877	0.3636 +/- 0.1818	2905.1640 +/- 1452.5820
N111a1a	N111a1	8	1.1250 +/- 0.4841	3760.8750 +/- 1618.3463	0.8750 +/- 0.4507	4521.1250 +/- 2328.7669	0.3750 +/- 0.2165	2996.2500 +/- 1729.8350
N111b	N111	5	5.2000 +/- 1.3856	17383.6000 +/- 4632.0608	2.8000 +/- 0.7483	14467.6000 +/- 3866.4661	1.8000 +/- 0.6000	14382.0000 +/- 4794.0000
N112	N11	15	2.6667 +/- 0.7659	8914.7781 +/- 2560.4037	1.5333 +/- 0.5617	7922.5611 +/- 2902.3039	1.0000 +/- 0.5033	7990.0000 +/- 4021.3670
N112a	N112	6	1.8333 +/- 0.7265	6128.7219 +/- 2428.6895	1.1667 +/- 0.6009	6028.3389 +/- 3104.8503	0.3333 +/- 0.2357	2663.0670 +/- 1883.2430
N112b	N112	4	0.2500 +/- 0.2500	835.7500 +/- 835.7500	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
N113	N11	5	4.6000 +/- 1.2166	15377.8000 +/- 4067.0938	2.2000 +/- 0.7211	11367.4000 +/- 3725.9237	1.0000 +/- 0.4472	7990.0000 +/- 3573.1280
N114	N11	5	2.4000 +/- 0.8485	8023.2000 +/- 2836.5355	1.2000 +/- 0.4899	6200.4000 +/- 2531.3133	1.0000 +/- 0.4472	7990.0000 +/- 3573.1280
N115	N11	7	7.6667 +/- 1.4337	25629.7781 +/- 4792.8591	4.6667 +/- 1.1304	24112.8389 +/- 5840.7768	2.1667 +/- 0.6872	17311.9330 +/- 5490.7280
N115a	N115	5	7.0000 +/- 1.6583	23401.0000 +/- 5543.6969	3.7500 +/- 1.1456	19376.2500 +/- 5919.3152	2.0000 +/- 0.8660	15980.0000 +/- 6919.3400
N115a1	N115a	3	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	3.5000 +/- 1.3229	18084.5000 +/- 6835.4243	2.0000 +/- 1.0000	15980.0000 +/- 7990.0000
N2	N	106	17.2736 +/- 3.2893	57745.6448 +/- 10996.1299	10.8113 +/- 2.6244	55861.9871 +/- 13560.2748	5.6132 +/- 1.7814	44849.4680 +/- 14233.3860
N21	N	7	7.0000 +/- 1.4214	23401.0000 +/- 4751.7402	4.2857 +/- 0.9476	22144.2119 +/- 4896.2492	2.2857 +/- 0.6701	18262.7430 +/- 5354.0990
N22	N	3	8.3333 +/- 2.2361	27858.2219 +/- 7475.2823	5.3333 +/- 1.7638	27557.1611 +/- 9113.5546	3.0000 +/- 1.2910	23970.0000 +/- 10315.0900
N2a	N2	5	5.6000 +/- 1.2000	18720.8000 +/- 4011.6000	3.6000 +/- 0.8944	18601.2000 +/- 4621.3648	2.2000 +/- 0.7211	17578.0000 +/- 5761.5890
N2W	N2	101	6.5545 +/- 0.9480	21911.6935 +/- 3169.1640	4.0198 +/- 0.7595	20770.3066 +/- 3924.3365	2.7327 +/- 0.7011	21834.2730 +/- 5601.7890

N2W1	N2W	52	3.7115 +/- 0.8437	12407.5445 +/- 2820.4891	2.4808 +/- 0.7728	12818.2936 +/- 3993.0576	1.5769 +/- 0.6907	12599.4310 +/- 5518.6930
N2W1a	N2W1	23	0.7391 +/- 0.2341	2470.8113 +/- 782.5963	0.3478 +/- 0.1230	1797.0826 +/- 635.5410	0.2174 +/- 0.0972	1737.0260 +/- 776.6280
N2W1b	N2W1	14	1.5714 +/- 0.7626	5253.1902 +/- 2549.3718	1.2143 +/- 0.7457	6274.2881 +/- 3853.0319	0.0000 +/- 0.0000	0.0000 +/- 0.0000
N2W1c	N2W1	3	4.3333 +/- 1.2910	14486.2219 +/- 4315.8130	3.0000 +/- 1.0000	15501.0000 +/- 5167.0000	1.0000 +/- 0.5774	7990.0000 +/- 4613.4260
N2W1d	N2W1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
N2W1e	N2W1	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
N2W1f	N2W1	3	2.6667 +/- 1.2472	8914.7781 +/- 4169.3896	0.6667 +/- 0.6667	3444.8389 +/- 3444.8389	0.6667 +/- 0.6667	5326.9330 +/- 5326.9330
N2W3	N2W	16	6.5000 +/- 1.3463	21729.5000 +/- 4500.6809	4.4375 +/- 1.2640	22928.5625 +/- 6531.0880	3.3125 +/- 1.2295	26466.8750 +/- 9823.7050
N2W3a	N2W3	14	5.6429 +/- 1.1361	18864.2147 +/- 3797.9823	3.7143 +/- 1.0302	19191.7881 +/- 5323.0434	2.6429 +/- 0.9820	21116.7710 +/- 7846.1800
N2W3a1	N2W3a	12	4.5833 +/- 0.7683	15321.9719 +/- 2568.4269	3.0000 +/- 0.6236	15501.0000 +/- 3222.1412	1.9167 +/- 0.5336	15314.4330 +/- 4263.4640
N2W3a1a	N2W3a1	3	6.3333 +/- 1.5986	21172.2219 +/- 5344.1198	3.6667 +/- 1.1055	18945.8389 +/- 5712.1185	2.3333 +/- 0.8819	18643.0670 +/- 7046.3810
N2W4	N2W	8	5.0000 +/- 1.0458	16715.0000 +/- 3496.1094	1.6250 +/- 0.5449	8396.3750 +/- 2815.4983	1.1250 +/- 0.4507	8988.7500 +/- 3601.0930
N2W4a	N2W4	4	5.7500 +/- 1.3463	19222.2500 +/- 4500.6809	2.0000 +/- 0.7906	10334.0000 +/- 4085.0302	1.5000 +/- 0.7071	11985.0000 +/- 5649.7290
N2W5	N2W	13	5.8462 +/- 1.7440	19543.8466 +/- 5830.1920	3.4615 +/- 1.4205	17885.5705 +/- 7339.7235	1.5385 +/- 1.0088	12292.6150 +/- 8060.3120
N2W5a	N2W5	12	4.0000 +/- 1.2416	13372.0000 +/- 4150.6688	2.5833 +/- 1.1637	13347.9111 +/- 6012.8379	0.6667 +/- 0.4410	5326.9330 +/- 3523.5900
N2W5a1	N2W5a	9	2.3333 +/- 0.7286	7800.2219 +/- 2435.7098	1.0000 +/- 0.5984	5167.0000 +/- 3091.9328	0.6667 +/- 0.5666	5326.9330 +/- 4527.1340
N2W6	N2W	9	5.8889 +/- 1.1811	19686.5927 +/- 3948.4173	3.3333 +/- 0.6479	17223.1611 +/- 3347.6993	2.3333 +/- 0.5556	18643.0670 +/- 4439.2440

N3	N	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
N5	N1'5	5	14.4000 +/- 2.9799	48139.2000 +/- 9961.8057	6.2000 +/- 1.7088	32035.4000 +/- 8829.3696	4.6000 +/- 1.4560	36754.0000 +/- 11633.4400
N9	N	141	13.2571 +/- 1.8074	44318.4853 +/- 6042.1382	7.8929 +/- 1.3234	40782.6143 +/- 6838.0078	4.6286 +/- 1.0273	36982.5140 +/- 8208.1270
N9a	N9	83	6.4024 +/- 1.1087	21403.2232 +/- 3706.3841	3.7439 +/- 0.7532	19344.7313 +/- 3891.7844	2.0488 +/- 0.5380	16369.9120 +/- 4298.6200
N9a1	N9a1'3	7	2.2857 +/- 0.6061	7641.0951 +/- 2026.1923	1.7143 +/- 0.5345	8857.7881 +/- 2761.7615	0.2857 +/- 0.2020	2282.7430 +/- 1613.9800
N9a10	N9a	5	5.2000 +/- 1.3856	17383.6000 +/- 4632.0608	3.0000 +/- 0.9592	15501.0000 +/- 4956.1864	2.8000 +/- 1.0583	22372.0000 +/- 8455.8170
N9a1'3	N9a	12	5.9167 +/- 1.3718	19779.5281 +/- 4585.9274	4.6667 +/- 1.2134	24112.8389 +/- 6269.6378	2.2500 +/- 0.8937	17977.5000 +/- 7140.6630
N9a1a	N9a1	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
N9a2	N9a2'4'5	39	3.2564 +/- 0.8901	10886.1452 +/- 2975.6043	1.6667 +/- 0.3373	8611.8389 +/- 1742.8291	0.9231 +/- 0.2901	7375.5690 +/- 2317.8990
N9a2'4'5	N9a	54	5.4815 +/- 1.2779	18324.6545 +/- 4272.0197	3.6111 +/- 1.0948	18658.5537 +/- 5656.8316	1.9444 +/- 0.7749	15535.7560 +/- 6191.4510
N9a2a	N9a2a'b	4	1.7500 +/- 0.7500	5850.2500 +/- 2507.2500	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
N9a2a'b	N9a2	31	2.0968 +/- 0.4118	7009.6024 +/- 1376.6474	1.4194 +/- 0.3444	7334.0398 +/- 1779.5148	0.7419 +/- 0.2974	5927.7810 +/- 2376.2260
N9a2b	N9a2a'b	7	1.7143 +/- 0.5345	5730.9049 +/- 1786.8335	1.5714 +/- 0.5151	8119.4238 +/- 2661.5217	0.7143 +/- 0.3194	5707.2570 +/- 2552.0060
N9a2c	N9a2	4	1.2500 +/- 0.5590	4178.7500 +/- 1868.7370	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
N9a2d	N9a2	3	1.6667 +/- 0.8819	5571.7781 +/- 2948.1917	0.6667 +/- 0.6667	3444.8389 +/- 3444.8389	0.0000 +/- 0.0000	0.0000 +/- 0.0000
N9a3	N9a1'3	5	3.8000 +/- 1.1136	12703.4000 +/- 3722.7648	3.0000 +/- 1.0000	15501.0000 +/- 5167.0000	1.6000 +/- 0.7483	12784.0000 +/- 5978.9170
N9a4	N9a2'4'5	9	2.1111 +/- 0.8389	7057.4073 +/- 2804.4427	1.4444 +/- 0.6939	7463.2148 +/- 3585.3813	1.2222 +/- 0.6759	9765.3780 +/- 5400.4410

N9a5	N9a2'45	5	3.0000 +/- 1.0392	10029.0000 +/- 3474.0456	2.6000 +/- 1.0000	13434.2000 +/- 5167.0000	1.0000 +/- 0.6633	7990.0000 +/- 5299.7670
N9b	N9	26	6.1923 +/- 0.8258	20700.8589 +/- 2760.6494	3.7308 +/- 0.6717	19277.0436 +/- 3470.6739	2.5769 +/- 0.6285	20589.4310 +/- 5021.7150
N9b1	N9b	14	5.2143 +/- 0.9007	17431.4049 +/- 3011.0401	3.0000 +/- 0.5624	15501.0000 +/- 2905.9208	2.0000 +/- 0.4845	15980.0000 +/- 3871.1550
N9b1a	N9b1	4	6.7500 +/- 1.5612	22565.2500 +/- 5219.0916	4.2500 +/- 1.1456	21959.7500 +/- 5919.3152	3.0000 +/- 1.0000	23970.0000 +/- 7990.0000
N9b1b	N9b1	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
N9b1c	N9b1	7	3.7143 +/- 0.9035	12416.9049 +/- 3020.4005	2.2857 +/- 0.6061	11810.2119 +/- 3131.7187	1.2857 +/- 0.4738	10272.7430 +/- 3785.6620
N9b1c1	N9b1c	4	5.2500 +/- 1.1990	17550.7500 +/- 4008.2570	4.0000 +/- 1.0607	20668.0000 +/- 5480.6369	2.2500 +/- 0.8292	17977.5000 +/- 6625.3080
N9b2	N9b	4	7.0000 +/- 1.5000	23401.0000 +/- 5014.5000	3.5000 +/- 0.9354	18084.5000 +/- 4833.2118	2.7500 +/- 0.8292	21972.5000 +/- 6625.3080
N9b3	N9b	3	2.6667 +/- 0.9428	8914.7781 +/- 3151.7804	1.6667 +/- 0.7454	8611.8389 +/- 3851.4818	1.3333 +/- 0.6667	10653.0670 +/- 5326.9330
N9Y	N9	32	9.3125 +/- 1.9086	31131.6875 +/- 6380.4498	6.1563 +/- 1.5808	31809.6021 +/- 8167.9936	4.3438 +/- 1.3881	34706.9620 +/- 11090.9190
N9Y1	N9Y	12	4.5000 +/- 1.0672	15043.5000 +/- 3567.6496	3.0833 +/- 0.8937	15931.4111 +/- 4617.7479	1.9167 +/- 0.7949	15314.4330 +/- 6351.2510
N9Y1a	N9Y1	7	3.0000 +/- 1.0785	10029.0000 +/- 3605.4255	1.2857 +/- 0.5151	6643.2119 +/- 2661.5217	0.2857 +/- 0.2020	2282.7430 +/- 1613.9800
N9Y1b	N9Y1	4	3.0000 +/- 1.1180	10029.0000 +/- 3737.4740	2.2500 +/- 1.0308	11625.7500 +/- 5326.1436	1.2500 +/- 0.6614	9987.5000 +/- 5284.5860
N9Y2	N9Y	20	3.4000 +/- 0.9138	11366.2000 +/- 3054.8334	2.4000 +/- 0.8660	12400.8000 +/- 4474.6220	1.2000 +/- 0.5874	9588.0000 +/- 4693.3260
N9Y2a	N9Y2	12	2.5000 +/- 1.0341	8357.5000 +/- 3456.9963	1.6667 +/- 0.9718	8611.8389 +/- 5021.2906	1.0833 +/- 0.9242	8655.5670 +/- 7384.3580
N9Y2b	N9Y2	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
O	N	4	15.0000 +/-	50145.0000 +/-	9.3333 +/-	48225.1611 +/-	2.0000 +/-	15980.0000 +/-

			2.7285	9121.3755	2.2111	11424.7537	1.0541	8422.2590
O1	O	3	4.5000 +/- 1.9365	15043.5000 +/- 6473.7195	3.5000 +/- 1.8028	18084.5000 +/- 9315.0676	1.0000 +/- 1.0000	7990.0000 +/- 7990.0000
P	R	33	20.6970 +/- 1.4061	69190.0710 +/- 4700.5923	13.6061 +/- 1.1163	70302.7187 +/- 5767.9221	8.0303 +/- 0.8271	64162.0970 +/- 6608.5290
P1	P	7	13.5714 +/- 1.8127	45369.1902 +/- 6059.8561	8.2857 +/- 1.2617	42812.2119 +/- 6519.2039	5.0000 +/- 0.9147	39950.0000 +/- 7308.4530
P10	P2'10	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
P1d	P1	4	12.0000 +/- 2.1213	40116.0000 +/- 7091.5059	7.5000 +/- 1.5411	38752.5000 +/- 7962.8637	5.2500 +/- 1.2990	41947.5000 +/- 10379.0100
P1d1	P1d	3	10.3333 +/- 2.1858	34544.2219 +/- 7307.1294	7.3333 +/- 1.8257	37891.1611 +/- 9433.3919	5.0000 +/- 1.5275	39950.0000 +/- 12204.7250
P2	P2'10	6	7.1667 +/- 1.3844	23958.2781 +/- 4628.0492	2.3333 +/- 0.7454	12056.1611 +/- 3851.4818	1.6667 +/- 0.6236	13316.9330 +/- 4982.5640
P2'10	P	7	15.8571 +/- 2.6611	53010.2853 +/- 8896.0573	9.8571 +/- 2.2812	50931.6357 +/- 11786.9604	5.8571 +/- 1.6599	46798.2290 +/- 13262.6010
P3	P	5	16.6000 +/- 2.2539	55493.8000 +/- 7534.7877	10.8000 +/- 1.7205	55803.6000 +/- 8889.8235	5.6000 +/- 1.2000	44744.0000 +/- 9588.0000
P3a	P3	2	8.5000 +/- 2.0616	28415.5000 +/- 6891.9288	8.0000 +/- 2.0000	41336.0000 +/- 10334.0000	4.5000 +/- 1.5000	35955.0000 +/- 11985.0000
P3b	P3	3	17.0000 +/- 2.8087	56831.0000 +/- 9389.4841	10.0000 +/- 2.0000	51670.0000 +/- 10334.0000	5.3333 +/- 1.4142	42613.0670 +/- 11299.4580
P4	P	8	22.6250 +/- 2.9342	75635.3750 +/- 9809.0306	16.2500 +/- 2.5495	83963.7500 +/- 13173.2665	9.8750 +/- 1.9486	78901.2500 +/- 15569.3140
P4a	P4	5	8.8000 +/- 1.6492	29418.4000 +/- 5513.2756	5.8000 +/- 1.3711	29968.6000 +/- 7084.4737	3.8000 +/- 1.1136	30362.0000 +/- 8897.6640
P4b	P4	3	15.6667 +/- 2.6458	52373.7781 +/- 8844.9094	10.6667 +/- 2.1602	55114.8389 +/- 11161.7534	7.3333 +/- 1.7638	58593.0670 +/- 14092.7620
P4b1	P4b	2	7.0000 +/- 1.8708	23401.0000 +/- 6254.0844	5.5000 +/- 1.6583	28418.5000 +/- 8568.4361	4.0000 +/- 1.4142	31960.0000 +/- 11299.4580
P5	P	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000

P6	P	2	19.5000 +/- 3.1225	65188.5000 +/- 10438.5175	12.0000 +/- 2.4495	62004.0000 +/- 12656.5665	7.5000 +/- 1.9365	59925.0000 +/- 15472.6350
P7	P	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
P8	P	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
P9	P	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R	N	3819	16.8961 +/- 1.0815	56483.6623 +/- 3615.4545	11.5782 +/- 0.9491	59824.5594 +/- 4903.9997	6.4184 +/- 0.6949	51283.0160 +/- 5552.2510
R0	R	1287	8.9907 +/- 1.4679	30055.9101 +/- 4907.1897	6.4626 +/- 1.4435	33392.2542 +/- 7458.5645	2.8544 +/- 0.7693	22806.6560 +/- 6146.7070
R0a	R0	97	8.5979 +/- 1.3523	28742.7797 +/- 4520.7389	5.2268 +/- 1.0314	27006.8756 +/- 5329.2438	2.0722 +/- 0.4094	16556.8780 +/- 3271.1060
R0a1	R0a	35	7.7714 +/- 1.8679	25979.7902 +/- 6244.3897	3.2857 +/- 0.9885	16977.2119 +/- 5107.5795	2.0571 +/- 0.9205	16436.2290 +/- 7354.7950
R0a1a	R0a1	31	4.2903 +/- 0.6411	14342.4729 +/- 2143.1973	2.5484 +/- 0.4882	13167.5828 +/- 2522.5294	1.2258 +/- 0.2737	9794.1420 +/- 2186.8630
R0a1a1	R0a1a	11	2.5455 +/- 0.9959	8509.6065 +/- 3329.2937	0.7273 +/- 0.2571	3757.9591 +/- 1328.4357	0.3636 +/- 0.1818	2905.1640 +/- 1452.5820
R0a1a1a	R0a1a1	9	1.2222 +/- 0.6186	4085.8146 +/- 2067.9798	0.3333 +/- 0.1925	1722.1611 +/- 994.6475	0.2222 +/- 0.1571	1775.3780 +/- 1255.2290
R0a1a2	R0a1a	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
R0a1a3	R0a1a	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R0a1a4	R0a1a	3	3.3333 +/- 1.2472	11143.2219 +/- 4169.3896	2.0000 +/- 0.9428	10334.0000 +/- 4871.4476	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
R0a1b	R0a1	3	0.6667 +/- 0.6667	2228.7781 +/- 2228.7781	0.6667 +/- 0.6667	3444.8389 +/- 3444.8389	0.6667 +/- 0.6667	5326.9330 +/- 5326.9330
R0a2	R0a2'3	56	5.3750 +/- 0.5838	17968.6250 +/- 1951.6434	3.6607 +/- 0.5073	18914.8369 +/- 2621.2191	1.9464 +/- 0.4037	15551.7360 +/- 3225.5630
R0a2'3	R0a	60	6.3000 +/- 1.0845	21060.9000 +/- 3625.4835	4.5667 +/- 1.0493	23596.1389 +/- 5421.7331	1.9500 +/- 0.3826	15580.5000 +/- 3056.9740

R0a2a	R0a2	4	2.2500 +/- 0.8292	7521.7500 +/- 2772.0156	1.5000 +/- 0.7071	7750.5000 +/- 3653.5857	0.5000 +/- 0.3536	3995.0000 +/- 2825.2640
R0a2b	R0a2	5	3.4000 +/- 1.1832	11366.2000 +/- 3955.4376	1.4000 +/- 0.7746	7233.8000 +/- 4002.3582	0.6000 +/- 0.6000	4794.0000 +/- 4794.0000
R0a2c	R0a2	3	3.0000 +/- 1.0000	10029.0000 +/- 3343.0000	2.6667 +/- 0.9428	13778.8389 +/- 4871.4476	1.6667 +/- 0.7454	13316.9330 +/- 5955.7460
R0a2d	R0a2	5	3.4000 +/- 1.0770	11366.2000 +/- 3600.4110	1.4000 +/- 0.6633	7233.8000 +/- 3427.2711	1.0000 +/- 0.6000	7990.0000 +/- 4794.0000
R0a2e	R0a2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R0a2f	R0a2	12	6.7500 +/- 1.8690	22565.2500 +/- 6248.0670	4.1667 +/- 1.5986	21529.3389 +/- 8259.9662	2.1667 +/- 1.1785	17311.9330 +/- 9416.2150
R0a2f1	R0a2f	9	2.2222 +/- 0.9162	7428.8146 +/- 3062.8566	1.1111 +/- 0.7027	5741.0537 +/- 3630.8509	0.7778 +/- 0.6759	6214.6220 +/- 5400.4410
R0a2f1a	R0a2f1	6	1.1667 +/- 0.7265	3900.2781 +/- 2428.6895	0.1667 +/- 0.1667	861.3389 +/- 861.3389	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R0a2f1b	R0a2f1	3	1.3333 +/- 0.6667	4457.2219 +/- 2228.7781	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
R0a3	R0a2'3	3	4.6667 +/- 1.3333	15600.7781 +/- 4457.2219	2.6667 +/- 1.0541	13778.8389 +/- 5446.5347	1.6667 +/- 0.8819	13316.9330 +/- 7046.3810
R1	R	13	5.4615 +/- 1.3696	18257.7945 +/- 4578.5728	4.4615 +/- 1.3368	23052.5705 +/- 6907.2456	3.0000 +/- 1.2427	23970.0000 +/- 9929.1730
R11	R11'B6	10	6.7000 +/- 1.1180	22398.1000 +/- 3737.4740	3.9000 +/- 0.8888	20151.3000 +/- 4592.4296	2.1000 +/- 0.7550	16779.0000 +/- 6032.4500
R11a	R11	2	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R11b	R11	6	5.3333 +/- 1.2019	17829.2219 +/- 4017.9517	2.0000 +/- 0.6236	10334.0000 +/- 3222.1412	1.1667 +/- 0.5000	9321.9330 +/- 3995.0000
R11'B6	R	14	14.5000 +/- 2.4000	48473.5000 +/- 8023.2000	8.2857 +/- 1.8098	42812.2119 +/- 9351.2366	2.5714 +/- 0.6851	20545.4860 +/- 5473.9490
R14	R	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R1a	R1	10	4.5000 +/- 1.0440	15043.5000 +/- 3490.0920	3.5000 +/- 0.9950	18084.5000 +/- 5141.1650	1.9000 +/- 0.7810	15181.0000 +/- 6240.1900

R1a1	R1a	6	3.6667 +/- 1.2019	12257.7781 +/- 4017.9517	3.1667 +/- 1.1667	16362.3389 +/- 6028.3389	1.6667 +/- 0.7817	13316.9330 +/- 6245.7830
R2	R2'JT	5	7.6000 +/- 1.4967	25406.8000 +/- 5003.4681	5.2000 +/- 1.2000	26868.4000 +/- 6200.4000	3.2000 +/- 0.8944	25568.0000 +/- 7146.2560
R21	R	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R22	R	2	12.5000 +/- 2.5000	41787.5000 +/- 8357.5000	9.0000 +/- 2.1213	46503.0000 +/- 10960.7571	3.0000 +/- 1.2247	23970.0000 +/- 9785.3530
R23	R	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R24	R	3	7.6667 +/- 1.8559	25629.7781 +/- 6204.2737	6.3333 +/- 1.6667	32724.1611 +/- 8611.8389	4.6667 +/- 1.4907	37286.9330 +/- 11910.6930
R2'JT	R	551	21.2299 +/- 2.9032	70971.5557 +/- 9705.3976	14.0219 +/- 2.4368	72451.1573 +/- 12590.9456	6.9380 +/- 1.6725	55434.6200 +/- 13363.2750
R3	R	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R30	R	12	19.4000 +/- 2.1541	64854.2000 +/- 7201.1563	14.2000 +/- 1.8815	73371.4000 +/- 9721.7105	9.7000 +/- 1.5588	77503.0000 +/- 12454.8120
R30a	R30	5	8.2500 +/- 1.4790	27579.7500 +/- 4944.2970	6.5000 +/- 1.3229	33585.5000 +/- 6835.4243	5.2500 +/- 1.1990	41947.5000 +/- 9580.0100
R30b	R30	6	19.8000 +/- 3.0133	66191.4000 +/- 10073.4619	14.4000 +/- 2.6382	74404.8000 +/- 13631.5794	9.6000 +/- 2.1909	76704.0000 +/- 17505.2910
R30b1	R30b	3	7.3333 +/- 1.6330	24515.2219 +/- 5459.1190	4.3333 +/- 1.2910	22390.1611 +/- 6670.5970	2.3333 +/- 1.0000	18643.0670 +/- 7990.0000
R31	R	5	22.8000 +/- 3.2125	76220.4000 +/- 10739.3875	15.0000 +/- 2.6458	77505.0000 +/- 13670.8486	9.2000 +/- 2.0785	73508.0000 +/- 16607.2150
R31a	R31	3	4.6667 +/- 1.6330	15600.7781 +/- 5459.1190	3.0000 +/- 1.2910	15501.0000 +/- 6670.5970	1.6667 +/- 0.8819	13316.9330 +/- 7046.3810
R31a1	R31a	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
R31b	R31	2	5.5000 +/- 1.6583	18386.5000 +/- 5543.6969	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
R5	R	25	11.1600 +/-	37307.8800 +/-	6.7200 +/-	34722.2400 +/-	4.7200 +/- 1.4913	37712.8000 +/-

			2.2553	7539.4679	1.6608	8581.3536		11915.4870
R5a	R5	24	10.2083 +/- 2.1217	34126.3469 +/- 7092.8431	6.7083 +/- 1.7265	34661.7861 +/- 8920.8255	4.6667 +/- 1.5501	37286.9330 +/- 12385.2990
R5a1	R5a	6	4.5000 +/- 1.6073	15043.5000 +/- 5373.2039	4.0000 +/- 1.5811	20668.0000 +/- 8169.5437	2.0000 +/- 1.0274	15980.0000 +/- 8208.9260
R5a1a	R5a1	5	1.0000 +/- 0.6633	3343.0000 +/- 2217.4119	0.8000 +/- 0.6325	4133.6000 +/- 3268.1275	0.8000 +/- 0.6325	6392.0000 +/- 5053.6750
R5a2	R5a	18	6.1111 +/- 1.5436	20429.4073 +/- 5160.2548	3.2778 +/- 0.9542	16936.3926 +/- 4930.3514	1.5556 +/- 0.3928	12429.2440 +/- 3138.4720
R5a2a	R5a2	2	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	3.5000 +/- 1.3229	18084.5000 +/- 6835.4243	2.5000 +/- 1.1180	19975.0000 +/- 8932.8200
R5a2b	R5a2	15	3.0667 +/- 0.5735	10251.9781 +/- 1917.2105	2.2667 +/- 0.5164	11712.0389 +/- 2668.2388	1.4667 +/- 0.4422	11718.9330 +/- 3533.1780
R5a2b1	R5a2b	4	1.0000 +/- 0.5000	3343.0000 +/- 1671.5000	0.5000 +/- 0.3536	2583.5000 +/- 1827.0512	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
R5a2b2	R5a2b	2	6.0000 +/- 1.7321	20058.0000 +/- 5790.4103	3.5000 +/- 1.3229	18084.5000 +/- 6835.4243	2.5000 +/- 1.1180	19975.0000 +/- 8932.8200
R5a2b3	R5a2b	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
R5a2b4	R5a2b	3	2.3333 +/- 1.0000	7800.2219 +/- 3343.0000	2.0000 +/- 0.9428	10334.0000 +/- 4871.4476	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
R6	R	7	16.1429 +/- 2.5435	53965.7147 +/- 8502.9205	8.0000 +/- 1.5908	41336.0000 +/- 8219.6636	5.5714 +/- 1.4214	44515.4860 +/- 11356.9860
R6a	R6	6	15.0000 +/- 2.5495	50145.0000 +/- 8522.9785	8.5000 +/- 1.8181	43919.5000 +/- 9394.1227	5.8333 +/- 1.6245	46608.0670 +/- 12979.7550
R6a1	R6a	5	9.8000 +/- 1.9287	32761.4000 +/- 6447.6441	5.8000 +/- 1.5100	29968.6000 +/- 7802.1700	3.4000 +/- 1.2166	27166.0000 +/- 9720.6340
R7	R	20	11.5789 +/- 1.9438	38708.2627 +/- 6498.1234	9.2632 +/- 1.8202	47862.9544 +/- 9404.9734	4.7368 +/- 1.3865	37847.0320 +/- 11078.1350
R7a	R7	12	5.7500 +/- 1.5921	19222.2500 +/- 5322.3903	3.7500 +/- 1.4458	19376.2500 +/- 7470.4486	1.4167 +/- 0.9465	11319.4330 +/- 7562.5350
R7a1	R7a	11	3.7273 +/- 0.9833	12460.3639 +/- 3287.1719	1.7273 +/- 0.6742	8924.9591 +/- 3483.5914	0.4545 +/- 0.2405	3631.4550 +/- 1921.5950
			2.2500	7521.7500	0.7500	3875.2500		5992.5000

R7a1a	R7a1	4	+/- 1.0897	+/- 3642.8671	+/- 0.5590	+/- 2888.3530	0.7500 +/- 0.5590	+/- 4466.4100
R7a1b	R7a1	5	2.0000 +/- 0.8944	6686.0000 +/- 2989.9792	0.8000 +/- 0.4899	4133.6000 +/- 2531.3133	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
R7a1b1	R7a1b	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
R7a1b2	R7a1b	3	0.3333 +/- 0.3333	1114.2219 +/- 1114.2219	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R7b	R7	8	9.7143 +/- 1.9060	32474.9049 +/- 6371.7580	8.8571 +/- 1.8736	45764.6357 +/- 9680.8912	4.2857 +/- 1.3093	34242.7430 +/- 10461.3070
R7b1	R7b	5	4.2500 +/- 1.6008	14207.7500 +/- 5351.4744	4.0000 +/- 1.5811	20668.0000 +/- 8169.5437	1.7500 +/- 1.0897	13982.5000 +/- 8706.7030
R7b1a	R7b1	4	3.0000 +/- 1.5275	10029.0000 +/- 5106.4325	2.6667 +/- 1.4907	13778.8389 +/- 7702.4469	1.3333 +/- 1.0541	10653.0670 +/- 8422.2590
R7b2	R7b	3	5.0000 +/- 1.3744	16715.0000 +/- 4594.6192	3.3333 +/- 1.1547	17223.1611 +/- 5966.3349	1.3333 +/- 0.6667	10653.0670 +/- 5326.9330
R8	R	66	11.6061 +/- 1.7800	38799.1923 +/- 5950.5400	8.7121 +/- 1.6700	45015.4207 +/- 8628.8900	4.7727 +/- 1.2375	38133.8730 +/- 9887.6250
R8a	R8	45	10.3111 +/- 1.8438	34470.0073 +/- 6163.8234	7.9333 +/- 1.7873	40991.3611 +/- 9234.9791	4.3111 +/- 1.2727	34445.6890 +/- 10168.8730
R8a1	R8a	38	7.3421 +/- 1.2497	24544.6403 +/- 4177.7471	5.6579 +/- 1.1900	29234.3693 +/- 6148.7300	3.7105 +/- 1.1056	29646.8950 +/- 8833.7440
R8a1a	R8a1	32	7.0000 +/- 1.0625	23401.0000 +/- 3551.9375	5.1875 +/- 0.9703	26803.8125 +/- 5013.5401	3.1563 +/- 0.8344	25218.8370 +/- 6666.8560
R8a1a1	R8a1a	18	5.6111 +/- 0.7798	18757.9073 +/- 2606.8714	3.8333 +/- 0.6407	19806.6611 +/- 3310.4969	2.0556 +/- 0.5061	16424.2440 +/- 4043.7390
R8a1a1a	R8a1a1	4	5.0000 +/- 1.2748	16715.0000 +/- 4261.6564	2.5000 +/- 0.7906	12917.5000 +/- 4085.0302	1.2500 +/- 0.5590	9987.5000 +/- 4466.4100
R8a1a1b	R8a1a1	4	3.5000 +/- 1.4142	11700.5000 +/- 4727.6706	2.2500 +/- 1.1456	11625.7500 +/- 5919.3152	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
R8a1a1c	R8a1a1	5	5.4000 +/- 1.2490	18052.2000 +/- 4175.4070	4.2000 +/- 1.0770	21701.4000 +/- 5564.8590	1.8000 +/- 0.7211	14382.0000 +/- 5761.5890
R8a1a1d	R8a1a1	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.0000 +/- 0.0000	0.0000 +/- 0.0000

R8a1a2	R8a1a	10	6.5000 +/- 2.0174	21729.5000 +/- 6744.1682	5.8000 +/- 1.9900	29968.6000 +/- 10282.3300	4.0000 +/- 1.7321	31960.0000 +/- 13839.4790
R8a1a3	R8a1a	3	4.3333 +/- 1.2910	14486.2219 +/- 4315.8130	2.6667 +/- 0.9428	13778.8389 +/- 4871.4476	1.3333 +/- 0.6667	10653.0670 +/- 5326.9330
R8a1b	R8a1	5	1.6000 +/- 0.8944	5348.8000 +/- 2989.9792	0.8000 +/- 0.4000	4133.6000 +/- 2066.8000	0.4000 +/- 0.2828	3196.0000 +/- 2259.5720
R8a2	R8a	7	6.1429 +/- 1.4357	20535.7147 +/- 4799.5451	3.0000 +/- 0.9368	15501.0000 +/- 4840.4456	1.1429 +/- 0.6701	9131.7710 +/- 5354.0990
R8b	R8	21	5.0952 +/- 1.2261	17033.2536 +/- 4098.8523	3.0952 +/- 0.8344	15992.8984 +/- 4311.3448	0.6190 +/- 0.3123	4945.8100 +/- 2495.2770
R8b1	R8b	15	4.0000 +/- 1.0625	13372.0000 +/- 3551.9375	3.1333 +/- 0.9404	16189.7611 +/- 4859.0468	0.4667 +/- 0.1764	3728.9330 +/- 1409.4360
R8b1a	R8b1	5	3.4000 +/- 0.9592	11366.2000 +/- 3206.6056	2.8000 +/- 0.8944	14467.6000 +/- 4621.3648	0.8000 +/- 0.4000	6392.0000 +/- 3196.0000
R8b2	R8b	6	0.3333 +/- 0.3333	1114.2219 +/- 1114.2219	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R9	R	210	17.9220 +/- 2.2299	59913.2460 +/- 7454.5557	12.6927 +/- 2.0778	65583.1809 +/- 10735.9926	7.8927 +/- 1.7199	63062.6730 +/- 13742.0010
R9b	R9	18	11.2222 +/- 2.1228	37515.8146 +/- 7096.5204	5.7222 +/- 1.2460	29566.6074 +/- 6438.0820	4.3333 +/- 1.1915	34623.0670 +/- 9520.0850
R9b1	R9b	15	8.1333 +/- 1.7512	27189.6219 +/- 5854.2616	3.8000 +/- 0.9262	19634.6000 +/- 4785.6754	2.4000 +/- 0.8433	19176.0000 +/- 6737.9670
R9b1a	R9b1	13	6.7692 +/- 1.4142	22629.4356 +/- 4727.6706	4.1538 +/- 1.0547	21462.6846 +/- 5449.6349	2.7692 +/- 0.9730	22125.9080 +/- 7774.2700
R9b1a1	R9b1a	8	3.8750 +/- 1.1250	12954.1250 +/- 3760.8750	1.8750 +/- 0.5154	9688.1250 +/- 2663.0718	1.2500 +/- 0.4330	9987.5000 +/- 3459.6700
R9b1a1a	R9b1a1	3	2.6667 +/- 1.0541	8914.7781 +/- 3523.8563	2.3333 +/- 1.0000	12056.1611 +/- 5167.0000	1.6667 +/- 0.8819	13316.9330 +/- 7046.3810
R9b1a2	R9b1a	3	3.6667 +/- 1.2019	12257.7781 +/- 4017.9517	2.6667 +/- 1.0541	13778.8389 +/- 5446.5347	1.0000 +/- 0.7454	7990.0000 +/- 5955.7460
R9b1b	R9b1	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
R9b2	R9b	3	1.6667 +/- 0.7454	5571.7781 +/- 2491.8722	1.3333 +/- 0.6667	6889.1611 +/- 3444.8389	1.0000 +/- 0.5774	7990.0000 +/- 4613.4260

R9c	R9	4	10.5000 +/- 2.3717	35101.5000 +/- 7928.5931	7.5000 +/- 2.0310	38752.5000 +/- 10494.1770	5.0000 +/- 1.6583	39950.0000 +/- 13249.8170
R9c1	R9c	3	3.3333 +/- 1.0541	11143.2219 +/- 3523.8563	2.0000 +/- 0.8165	10334.0000 +/- 4218.8555	1.0000 +/- 0.5774	7990.0000 +/- 4613.4260
R9F	R9	188	16.5574 +/- 2.0450	55351.3882 +/- 6836.4350	11.3279 +/- 1.8410	58531.2593 +/- 9512.4470	6.2623 +/- 1.3023	50035.7770 +/- 10405.3770
R9F1	R9F	143	12.6087 +/- 1.7285	42150.8841 +/- 5778.3755	7.3478 +/- 1.2891	37966.0826 +/- 6660.7797	4.3043 +/- 0.9180	34391.3570 +/- 7334.8200
R9F1a	R9F1a'c	71	7.5072 +/- 1.2676	25096.5696 +/- 4237.5868	4.3478 +/- 0.9532	22465.0826 +/- 4925.1844	3.1449 +/- 0.9229	25127.7510 +/- 7373.9710
R9F1a1	R9F1a1'4	50	5.4490 +/- 0.8412	18216.0070 +/- 2812.1316	3.2653 +/- 0.6350	16871.8051 +/- 3281.0450	2.2857 +/- 0.5794	18262.7430 +/- 4629.4060
R9F1a1'4	R9F1a	56	6.5455 +/- 1.1839	21881.6065 +/- 3957.7777	3.3818 +/- 0.5880	17473.7606 +/- 3038.1960	2.3636 +/- 0.5320	18885.1640 +/- 4250.6800
R9F1a1a	R9F1a1	17	4.3529 +/- 1.1646	14551.7447 +/- 3893.2578	2.7059 +/- 1.0086	13981.3853 +/- 5211.4362	2.0588 +/- 0.9319	16449.8120 +/- 7445.8810
R9F1a1a1	R9F1a1a	13	3.8462 +/- 1.1147	12857.8466 +/- 3726.4421	2.1538 +/- 0.8427	11128.6846 +/- 4354.2309	1.5385 +/- 0.6880	12292.6150 +/- 5497.1200
R9F1a1b	R9F1a1	9	2.1111 +/- 0.6573	7057.4073 +/- 2197.3539	1.0000 +/- 0.3333	5167.0000 +/- 1722.1611	0.5556 +/- 0.2485	4439.2440 +/- 1985.5150
R9F1a1c	R9F1a1	13	4.0769 +/- 0.8177	13629.0767 +/- 2733.5711	3.0769 +/- 0.6706	15898.3423 +/- 3464.9902	2.0769 +/- 0.5909	16594.4310 +/- 4721.2910
R9F1a1d	R9F1a1	4	2.0000 +/- 1.1180	6686.0000 +/- 3737.4740	1.5000 +/- 1.0607	7750.5000 +/- 5480.6369	0.7500 +/- 0.7500	5992.5000 +/- 5992.5000
R9F1a2	R9F1a	3	3.0000 +/- 1.0000	10029.0000 +/- 3343.0000	1.6667 +/- 0.7454	8611.8389 +/- 3851.4818	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
R9F1a3	R9F1a	7	4.5714 +/- 1.0880	15282.1902 +/- 3637.1840	2.0000 +/- 0.6701	10334.0000 +/- 3462.4067	0.7143 +/- 0.3780	5707.2570 +/- 3020.2200
R9F1a4	R9F1a1'4	4	2.5000 +/- 0.7906	8357.5000 +/- 2642.9758	1.7500 +/- 0.6614	9042.2500 +/- 3417.4538	1.2500 +/- 0.5590	9987.5000 +/- 4466.4100
R9F1a'c	R9F1	83	9.2099 +/- 1.6335	30788.6957 +/- 5460.7905	5.3827 +/- 1.1927	27812.4109 +/- 6162.6809	3.9630 +/- 1.1674	31664.3700 +/- 9327.5260
R9F1b	R9F1	42	7.4000 +/-	24738.2000 +/-	4.4750 +/-	23122.3250 +/-	2.4750 +/- 1.1557	19775.2500 +/-

			1.9701	6586.0443	1.5526	8022.2842		9234.0430
R9F1b1	R9F1b	41	5.4872 +/- 1.4423	18343.7096 +/- 4821.6089	2.5385 +/- 0.7311	13116.4295 +/- 3777.5937	1.5128 +/- 0.6359	12087.2720 +/- 5080.8410
R9F1b1a	R9F1b1	30	4.0690 +/- 1.3012	13602.6670 +/- 4349.9116	2.4483 +/- 0.9612	12650.3661 +/- 4966.5204	1.6897 +/- 0.8468	13500.7030 +/- 6765.9320
R9F1b1a1	R9F1b1a	25	3.3333 +/- 1.1990	11143.2219 +/- 4008.2570	2.4583 +/- 1.1479	12702.0361 +/- 5931.1993	1.7917 +/- 1.0129	14315.6830 +/- 8093.0710
R9F1b1a1a	R9F1b1a1	24	2.3043 +/- 0.7468	7703.2749 +/- 2496.5524	1.4783 +/- 0.6565	7638.3761 +/- 3392.1355	0.8696 +/- 0.3423	6948.1040 +/- 2734.9770
R9F1c	R9F1a'c	7	6.8571 +/- 1.4983	22923.2853 +/- 5008.8169	4.8571 +/- 1.1429	25096.6357 +/- 5905.3643	2.7143 +/- 1.0000	21687.2570 +/- 7990.0000
R9F1d	R9F1	8	3.1429 +/- 0.7825	10506.7147 +/- 2615.8975	2.5714 +/- 0.6999	13286.4238 +/- 3616.3833	1.0000 +/- 0.3780	7990.0000 +/- 3020.2200
R9F1e	R9F1	9	8.3333 +/- 1.5986	27858.2219 +/- 5344.1198	5.1111 +/- 1.3333	26409.0537 +/- 6889.1611	4.0000 +/- 1.1653	31960.0000 +/- 9310.7470
R9F1e1	R9F1e	4	0.7500 +/- 0.4330	2507.2500 +/- 1447.5190	0.5000 +/- 0.3536	2583.5000 +/- 1827.0512	0.5000 +/- 0.3536	3995.0000 +/- 2825.2640
R9F2	R9F	24	6.9167 +/- 0.8292	23122.5281 +/- 2772.0156	3.6667 +/- 0.4714	18945.8389 +/- 2435.7238	2.2083 +/- 0.3841	17644.3170 +/- 3068.9590
R9F2a	R9F2	9	3.6667 +/- 0.9750	12257.7781 +/- 3259.4250	1.5556 +/- 0.4157	8037.7852 +/- 2147.9219	0.8889 +/- 0.3143	7102.3110 +/- 2511.2570
R9F3	R9F	12	12.1667 +/- 1.9685	40673.2781 +/- 6580.6955	7.0000 +/- 1.4530	36169.0000 +/- 7507.6510	4.8333 +/- 1.2693	38618.0670 +/- 10141.7070
R9F3a	R9F3	6	9.6667 +/- 2.2608	32315.7781 +/- 7557.8544	5.6667 +/- 1.6159	29279.8389 +/- 8349.3553	3.1667 +/- 1.2134	25301.9330 +/- 9695.0660
R9F3b	R9F3	6	10.6667 +/- 2.5276	35658.7781 +/- 8449.7668	6.3333 +/- 1.9579	32724.1611 +/- 10116.4693	4.5000 +/- 1.7240	35955.0000 +/- 13774.7600
R9F3b1	R9F3b	5	4.0000 +/- 1.3565	13372.0000 +/- 4534.7795	1.2000 +/- 0.4899	6200.4000 +/- 2531.3133	0.6000 +/- 0.3464	4794.0000 +/- 2767.7360
R9F4	R9F	9	13.6667 +/- 2.3544	45687.7781 +/- 7870.7592	8.8889 +/- 1.7916	45928.9463 +/- 9257.1972	5.6667 +/- 1.4444	45276.9330 +/- 11540.7560
R9F4a	R9F4	6	10.1667 +/- 2.3511	33987.2781 +/- 7859.7273	7.3333 +/- 1.9579	37891.1611 +/- 10116.4693	4.3333 +/- 1.6159	34623.0670 +/- 12911.0410
			1.5000	5014.5000	1.2500	6458.7500	0.0000 +/-	0.0000 +/-

R9F4a1	R9F4a	4	+/- 0.8660	+/- 2895.0380	+/- 0.8292	+/- 4284.4764	0.0000	0.0000
R9F4b	R9F4	3	4.6667 +/- 1.3333	15600.7781 +/- 4457.2219	4.0000 +/- 1.2472	20668.0000 +/- 6444.2824	3.3333 +/- 1.1547	26633.0670 +/- 9226.0530
S	N	11	16.3636 +/- 1.5954	54703.5148 +/- 5333.4222	9.7273 +/- 1.2432	50260.9591 +/- 6423.6144	4.0000 +/- 0.8232	31960.0000 +/- 6577.3680
S1	S	3	17.6667 +/- 2.9250	59059.7781 +/- 9778.2750	9.0000 +/- 2.0276	46503.0000 +/- 10476.6092	4.0000 +/- 1.4142	31960.0000 +/- 11299.4580
S2	S	4	10.0000 +/- 1.7321	33430.0000 +/- 5790.4103	6.5000 +/- 1.3229	33585.5000 +/- 6835.4243	2.2500 +/- 0.7500	17977.5000 +/- 5992.5000
S3	S	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
S4	S	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
S5	S	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
T	JT	298	9.1919 +/- 1.5999	30728.5217 +/- 5348.4657	5.5421 +/- 1.2627	28636.0307 +/- 6524.3709	3.9933 +/- 1.1900	31906.4670 +/- 9508.1000
T1	T	73	5.5068 +/- 1.4032	18409.2324 +/- 4690.8976	2.8904 +/- 0.7154	14934.6968 +/- 3696.4718	1.7534 +/- 0.6909	14009.6660 +/- 5520.2910
T1a	T1	70	4.6000 +/- 1.0664	15377.8000 +/- 3564.9752	2.9714 +/- 0.7453	15353.2238 +/- 3850.9651	1.8000 +/- 0.7200	14382.0000 +/- 5752.8000
T1a1	T1a	49	2.0204 +/- 0.2557	6754.1972 +/- 854.8051	1.6939 +/- 0.2406	8752.3813 +/- 1243.1802	0.8776 +/- 0.1744	7012.0240 +/- 1393.4560
T1a1b	T1a1	5	3.2000 +/- 1.1314	10697.6000 +/- 3782.2702	2.4000 +/- 1.0583	12400.8000 +/- 5468.2361	1.8000 +/- 1.0000	14382.0000 +/- 7990.0000
T1a1b1	T1a1b	4	2.5000 +/- 0.9354	8357.5000 +/- 3127.0422	1.7500 +/- 0.8292	9042.2500 +/- 4284.4764	1.2500 +/- 0.7500	9987.5000 +/- 5992.5000
T1a2	T1a	3	3.3333 +/- 1.0541	11143.2219 +/- 3523.8563	2.0000 +/- 0.8165	10334.0000 +/- 4218.8555	1.0000 +/- 0.5774	7990.0000 +/- 4613.4260
T1a3	T1a	3	1.3333 +/- 0.6667	4457.2219 +/- 2228.7781	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
T1b	T1	3	2.3333 +/- 1.1055	7800.2219 +/- 3695.6865	1.0000 +/- 0.7454	5167.0000 +/- 3851.4818	0.6667 +/- 0.6667	5326.9330 +/- 5326.9330

T2	T	225	6.4152 +/- 0.9859	21446.0136 +/- 3295.8637	4.0804 +/- 0.8015	21083.4268 +/- 4141.3505	2.3973 +/- 0.5766	19154.4270 +/- 4607.0340
T2a	T2	34	5.6176 +/- 1.3673	18779.6368 +/- 4570.8839	4.7059 +/- 1.3414	24315.3853 +/- 6931.0138	2.2059 +/- 0.7282	17625.1410 +/- 5818.3180
T2a1	T2a	30	4.7667 +/- 1.1705	15935.0781 +/- 3912.9815	4.0333 +/- 1.1397	20840.0611 +/- 5888.8299	2.3333 +/- 0.8206	18643.0670 +/- 6556.5940
T2a1a	T2a1	22	2.2273 +/- 0.5082	7445.8639 +/- 1698.9126	1.8182 +/- 0.4635	9394.6394 +/- 2394.9045	1.2727 +/- 0.4166	10168.8730 +/- 3328.6340
T2a1a1	T2a1a	4	1.0000 +/- 0.7906	3343.0000 +/- 2642.9758	1.0000 +/- 0.7906	5167.0000 +/- 4085.0302	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
T2a1b	T2a1	6	6.1667 +/- 1.6415	20615.2781 +/- 5487.5345	5.5000 +/- 1.6073	28418.5000 +/- 8304.9191	2.8333 +/- 0.9860	22638.0670 +/- 7878.1400
T2b	T2	116	2.9310 +/- 0.3014	9798.3330 +/- 1007.5802	1.8017 +/- 0.2318	9309.3839 +/- 1197.7106	1.1983 +/- 0.2092	9574.4170 +/- 1671.5080
T2b1	T2b	5	2.0000 +/- 0.6325	6686.0000 +/- 2114.4475	1.4000 +/- 0.5292	7233.8000 +/- 2734.3764	0.8000 +/- 0.4000	6392.0000 +/- 3196.0000
T2b2	T2b	12	2.8333 +/- 0.8250	9471.7219 +/- 2757.9750	1.5000 +/- 0.4082	7750.5000 +/- 2109.1694	0.8333 +/- 0.3333	6658.0670 +/- 2663.0670
T2b3	T2b	13	2.8462 +/- 0.8321	9514.8466 +/- 2781.7103	1.0000 +/- 0.4419	5167.0000 +/- 2283.2973	1.0000 +/- 0.4419	7990.0000 +/- 3530.7810
T2b3a	T2b3	4	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	0.2500 +/- 0.2500	1291.7500 +/- 1291.7500	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
T2b4	T2b	15	2.7333 +/- 0.5292	9137.4219 +/- 1769.1156	1.5333 +/- 0.3333	7922.5611 +/- 1722.1611	0.8000 +/- 0.2309	6392.0000 +/- 1844.8910
T2b5	T2b	4	2.0000 +/- 1.0607	6686.0000 +/- 3545.9201	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
T2b6	T2b	4	2.5000 +/- 0.8660	8357.5000 +/- 2895.0380	1.2500 +/- 0.6614	6458.7500 +/- 3417.4538	1.2500 +/- 0.6614	9987.5000 +/- 5284.5860
T2b7	T2b	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
T2c	T2	15	7.1333 +/- 1.6479	23846.6219 +/- 5508.9297	5.0667 +/- 1.3792	26179.6389 +/- 7126.3264	3.0667 +/- 0.9333	24502.9330 +/- 7457.0670
T2c1	T2c	14	6.2857 +/- 1.4463	21013.0951 +/- 4834.9809	4.2143 +/- 1.0809	21775.2881 +/- 5585.0103	3.0714 +/- 0.9923	24540.4860 +/- 7928.4770

T2c1a	T2c1	5	4.4000 +/- 1.1314	14709.2000 +/- 3782.2702	3.2000 +/- 0.9381	16534.4000 +/- 4847.1627	2.2000 +/- 0.8246	17578.0000 +/- 6588.5540
T2c1b	T2c1	8	2.5000 +/- 0.9014	8357.5000 +/- 3013.3802	2.5000 +/- 0.9014	12917.5000 +/- 4657.5338	1.1250 +/- 0.5728	8988.7500 +/- 4576.6720
T2d	T2	3	7.3333 +/- 1.5635	24515.2219 +/- 5226.7805	6.3333 +/- 1.4530	32724.1611 +/- 7507.6510	4.6667 +/- 1.2472	37286.9330 +/- 9965.1280
T2e	T2	23	3.6087 +/- 0.6195	12063.8841 +/- 2070.9885	2.0000 +/- 0.3585	10334.0000 +/- 1852.3695	0.8696 +/- 0.2381	6948.1040 +/- 1902.4190
T2e1	T2e	10	4.0000 +/- 0.8124	13372.0000 +/- 2715.8532	2.5000 +/- 0.6557	12917.5000 +/- 3388.0019	0.9000 +/- 0.4123	7191.0000 +/- 3294.2770
T2e2	T2e	2	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
T2f	T2	14	6.4286 +/- 1.7928	21490.8098 +/- 5993.3304	3.9286 +/- 1.4232	20299.0762 +/- 7353.6744	2.7143 +/- 1.2164	21687.2570 +/- 9719.0360
T2f1	T2f	10	2.2000 +/- 1.0296	7354.6000 +/- 3441.9528	1.4000 +/- 0.9274	7233.8000 +/- 4791.8758	1.2000 +/- 0.9165	9588.0000 +/- 7322.8350
T2g	T2	7	4.5000 +/- 1.9508	15043.5000 +/- 6521.5244	3.1667 +/- 1.7401	16362.3389 +/- 8991.0967	2.0000 +/- 1.4142	15980.0000 +/- 11299.4580
U	R	1052	16.9942 +/- 1.5246	56811.6106 +/- 5096.7378	11.3359 +/- 1.2994	58572.5953 +/- 6713.9998	6.4789 +/- 0.8879	51766.4110 +/- 7094.3210
U1	U	25	12.9167 +/- 2.0531	43180.5281 +/- 6863.5133	9.2917 +/- 1.8081	48010.2139 +/- 9342.4527	6.0000 +/- 1.4398	47940.0000 +/- 11504.0020
U1a	U1a'c	17	7.7500 +/- 1.1422	25908.2500 +/- 3818.3746	5.4375 +/- 0.9703	28095.5625 +/- 5013.5401	3.6875 +/- 0.8949	29463.1250 +/- 7150.2510
U1a1	U1a	8	5.8571 +/- 1.1518	19580.2853 +/- 3850.4674	4.2857 +/- 1.0102	22144.2119 +/- 5219.7034	2.0000 +/- 0.7559	15980.0000 +/- 6039.6410
U1a2	U1a	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U1a3	U1a	5	5.4000 +/- 1.3115	18052.2000 +/- 4384.3445	3.6000 +/- 1.0583	18601.2000 +/- 5468.2361	2.4000 +/- 0.8944	19176.0000 +/- 7146.2560
U1a4	U1a	2	4.5000 +/- 1.5000	15043.5000 +/- 5014.5000	3.5000 +/- 1.3229	18084.5000 +/- 6835.4243	3.0000 +/- 1.2247	23970.0000 +/- 9785.3530
U1a'c	U1	20	10.1579 +/- 1.7669	33957.8597 +/- 5906.7467	7.8421 +/- 1.6850	40520.1307 +/- 8706.3950	5.2105 +/- 1.4191	41631.8950 +/- 11338.6090

U1b	U1	5	5.0000 +/- 1.3115	16715.0000 +/- 4384.3445	2.2000 +/- 0.6633	11367.4000 +/- 3427.2711	1.2000 +/- 0.4899	9588.0000 +/- 3914.3010
U1c	U1a'c	2	5.0000 +/- 1.5811	16715.0000 +/- 5285.6173	3.5000 +/- 1.3229	18084.5000 +/- 6835.4243	2.0000 +/- 1.0000	15980.0000 +/- 7990.0000
U2	U2'3'4'7'8'9	49	19.9348 +/- 2.4496	66642.0364 +/- 8189.0128	12.3913 +/- 1.8809	64025.8471 +/- 9718.6103	8.9783 +/- 1.7311	71736.6170 +/- 13831.4890
U2'3'4'7'8'9	U	565	17.2648 +/- 2.0236	57716.2264 +/- 6764.8948	12.2755 +/- 1.7699	63427.5085 +/- 9145.0733	7.8998 +/- 1.4097	63119.4020 +/- 11263.5030
U2a	U2	3	6.3333 +/- 1.7951	21172.2219 +/- 6001.0193	4.6667 +/- 1.5635	24112.8389 +/- 8078.6045	1.6667 +/- 0.8819	13316.9330 +/- 7046.3810
U2b	U2	11	11.5556 +/- 2.0367	38630.3708 +/- 6808.6881	7.7778 +/- 1.5792	40187.8926 +/- 8159.7264	4.6667 +/- 1.1967	37286.9330 +/- 9561.6330
U2b2	U2b	5	4.2000 +/- 1.0770	14040.6000 +/- 3600.4110	3.8000 +/- 1.0392	19634.6000 +/- 5369.5464	2.2000 +/- 0.7211	17578.0000 +/- 5761.5890
U2c	U2	6	13.0000 +/- 2.0683	43459.0000 +/- 6914.3269	9.6667 +/- 1.8708	49947.8389 +/- 9666.4236	6.6667 +/- 1.7321	53266.9330 +/- 13839.4790
U2c1	U2c	5	10.8000 +/- 1.6733	36104.4000 +/- 5593.8419	7.4000 +/- 1.3416	38235.8000 +/- 6932.0472	5.0000 +/- 1.1489	39950.0000 +/- 9179.7110
U2d	U2	2	9.5000 +/- 2.1794	31758.5000 +/- 7285.7342	5.5000 +/- 1.6583	28418.5000 +/- 8568.4361	3.0000 +/- 1.2247	23970.0000 +/- 9785.3530
U2e	U2	27	8.8462 +/- 1.7123	29572.8466 +/- 5724.2189	4.5385 +/- 0.9004	23450.4295 +/- 4652.3668	2.6538 +/- 0.7428	21203.8620 +/- 5934.9720
U2e1	U2e1'2	20	5.8421 +/- 1.1128	19530.1403 +/- 3720.0904	4.2105 +/- 1.0631	21755.6535 +/- 5493.0377	2.0526 +/- 0.8503	16400.2740 +/- 6793.8970
U2e1'2	U2e	26	8.0400 +/- 1.4713	26877.7200 +/- 4918.5559	4.6000 +/- 0.9338	23768.2000 +/- 4824.9446	2.7600 +/- 0.7725	22052.4000 +/- 6172.2750
U2e1a	U2e1	12	3.6364 +/- 1.1134	12156.4852 +/- 3722.0962	2.6364 +/- 1.0563	13622.2788 +/- 5457.9021	0.2727 +/- 0.2033	2178.8730 +/- 1624.3670
U2e2	U2e1'2	6	7.6667 +/- 2.0276	25629.7781 +/- 6778.2668	4.8333 +/- 1.6750	24973.6611 +/- 8654.7250	4.0000 +/- 1.4530	31960.0000 +/- 11609.4700
U2e2a	U2e2	5	4.4000 +/- 1.3266	14709.2000 +/- 4434.8238	2.6000 +/- 1.0000	13434.2000 +/- 5167.0000	2.6000 +/- 1.0000	20774.0000 +/- 7990.0000
U3	U2'3'4'7'8'9	32	11.2188 +/-	37504.4484 +/-	8.7813 +/-	45372.9771 +/-	5.1875 +/-	41448.1250 +/-

			1.6907	5652.0101	1.6108	8323.0036	1.2593	10061.8070
U3a	U3	15	9.2000 +/- 1.9299	30755.6000 +/- 6451.6557	6.0667 +/- 1.6693	31346.6389 +/- 8625.2731	2.6000 +/- 0.9452	20774.0000 +/- 7552.1480
U3a1	U3a	8	2.6250 +/- 0.6495	8775.3750 +/- 2171.2785	1.3750 +/- 0.5154	7104.6250 +/- 2663.0718	0.3750 +/- 0.2165	2996.2500 +/- 1729.8350
U3a2	U3a	2	5.0000 +/- 1.5811	16715.0000 +/- 5285.6173	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	2.0000 +/- 1.0000	15980.0000 +/- 7990.0000
U3b	U3	17	6.3529 +/- 0.9448	21237.7447 +/- 3158.4664	4.5294 +/- 0.8298	23403.4098 +/- 4287.5766	2.7059 +/- 0.6056	21620.1410 +/- 4838.7440
U3b1	U3b	5	6.6000 +/- 1.2806	22063.8000 +/- 4281.0458	5.0000 +/- 1.1136	25835.0000 +/- 5753.9712	3.0000 +/- 0.8718	23970.0000 +/- 6965.6820
U3b2	U3b	6	3.8333 +/- 1.2134	12814.7219 +/- 4056.3962	1.8333 +/- 0.6872	9472.6611 +/- 3550.7624	1.0000 +/- 0.5774	7990.0000 +/- 4613.4260
U4	U4'9	119	6.3644 +/- 0.8610	21276.1892 +/- 2878.3230	4.6017 +/- 0.7601	23776.9839 +/- 3927.4367	2.5678 +/- 0.6707	20516.7220 +/- 5358.8930
U4'9	U2'3'4'78'9	125	12.3710 +/- 2.4738	41356.2530 +/- 8269.9134	9.5806 +/- 2.2502	49502.9602 +/- 11626.7834	6.5887 +/- 2.0102	52643.7130 +/- 16061.4980
U4a	U4	63	4.6984 +/- 0.8838	15706.7512 +/- 2954.5434	2.4921 +/- 0.5305	12876.6807 +/- 2741.0935	0.9048 +/- 0.1775	7229.3520 +/- 1418.2250
U4a1	U4a	26	3.5000 +/- 0.7206	11700.5000 +/- 2408.9658	2.5769 +/- 0.6538	13314.8423 +/- 3378.1846	1.1154 +/- 0.2800	8912.0460 +/- 2237.2000
U4a1a	U4a1	11	1.6364 +/- 0.4979	5470.4852 +/- 1664.4797	1.1818 +/- 0.4545	6106.3606 +/- 2348.4015	0.9091 +/- 0.4264	7263.7090 +/- 3406.9360
U4a1b	U4a1	7	3.0000 +/- 0.9794	10029.0000 +/- 3274.1342	1.5714 +/- 0.5151	8119.4238 +/- 2661.5217	0.7143 +/- 0.3194	5707.2570 +/- 2552.0060
U4a1b1	U4a1b	5	2.2000 +/- 0.7746	7354.6000 +/- 2589.4878	1.6000 +/- 0.6325	8267.2000 +/- 3268.1275	0.6000 +/- 0.3464	4794.0000 +/- 2767.7360
U4a1c	U4a1	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U4a1d	U4a1	4	1.5000 +/- 0.9354	5014.5000 +/- 3127.0422	1.2500 +/- 0.9014	6458.7500 +/- 4657.5338	1.2500 +/- 0.9014	9987.5000 +/- 7202.1860
U4a2	U4a	31	2.8065 +/- 0.5725	9382.1295 +/- 1913.8675	1.3871 +/- 0.2939	7167.1457 +/- 1518.5813	0.4516 +/- 0.1513	3608.2840 +/- 1208.8870

U4a2a	U4a2	13	2.0000 +/- 0.4742	6686.0000 +/- 1585.2506	1.1538 +/- 0.3846	5961.6846 +/- 1987.2282	0.3846 +/- 0.1720	3072.9540 +/- 1374.2800
U4a2a1	U4a2a	3	1.0000 +/- 0.5774	3343.0000 +/- 1930.2482	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
U4a2b	U4a2	4	1.0000 +/- 0.5000	3343.0000 +/- 1671.5000	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U4a2c	U4a2	4	5.0000 +/- 1.7678	16715.0000 +/- 5909.7554	2.5000 +/- 1.1726	12917.5000 +/- 6058.8242	1.0000 +/- 0.7906	7990.0000 +/- 6316.8940
U4a2c1	U4a2c	3	1.0000 +/- 0.5774	3343.0000 +/- 1930.2482	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U4a3	U4a	4	1.2500 +/- 0.8292	4178.7500 +/- 2772.0156	0.5000 +/- 0.3536	2583.5000 +/- 1827.0512	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U4b	U4	32	6.3871 +/- 1.1532	21352.0753 +/- 3855.1476	4.8710 +/- 1.0616	25168.4570 +/- 5485.2872	2.5806 +/- 0.8986	20618.9940 +/- 7179.8140
U4b1	U4b	22	6.1364 +/- 1.1598	20513.9852 +/- 3877.2114	4.6818 +/- 1.0395	24190.8606 +/- 5371.0965	2.3636 +/- 0.7413	18885.1640 +/- 5922.9870
U4b1a	U4b1	13	4.9231 +/- 1.0030	16457.9233 +/- 3353.0290	4.0000 +/- 0.9295	20668.0000 +/- 4802.7265	2.3077 +/- 0.6706	18438.5230 +/- 5358.0940
U4b1a1	U4b1a	4	3.2500 +/- 1.3919	10864.7500 +/- 4653.1217	2.5000 +/- 1.1726	12917.5000 +/- 6058.8242	0.7500 +/- 0.4330	5992.5000 +/- 3459.6700
U4b1a1a	U4b1a1	3	1.0000 +/- 0.5774	3343.0000 +/- 1930.2482	1.0000 +/- 0.5774	5167.0000 +/- 2983.4258	0.6667 +/- 0.4714	5326.9330 +/- 3766.4860
U4b1a2	U4b1a	3	1.0000 +/- 0.7454	3343.0000 +/- 2491.8722	0.6667 +/- 0.6667	3444.8389 +/- 3444.8389	0.6667 +/- 0.6667	5326.9330 +/- 5326.9330
U4b1a3	U4b1a	3	2.6667 +/- 1.0541	8914.7781 +/- 3523.8563	1.6667 +/- 0.8819	8611.8389 +/- 4556.7773	1.3333 +/- 0.8165	10653.0670 +/- 6523.8350
U4b1a4	U4b1a	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U4b1b	U4b1	9	3.4444 +/- 0.9230	11514.6292 +/- 3085.5890	2.2222 +/- 0.7536	11482.1074 +/- 3893.8512	1.0000 +/- 0.5092	7990.0000 +/- 4068.5080
U4b2	U4b	6	4.3333 +/- 1.6330	14486.2219 +/- 5459.1190	3.3333 +/- 1.3944	17223.1611 +/- 7204.8648	0.8333 +/- 0.8333	6658.0670 +/- 6658.0670
U4b2a	U4b2	5	3.0000 +/- 1.3416	10029.0000 +/- 4484.9688	3.0000 +/- 1.3416	15501.0000 +/- 6932.0472	0.0000 +/- 0.0000	0.0000 +/- 0.0000

U4b2a1	U4b2a	4	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U4b3	U4b	3	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	2.5000 +/- 1.1180	12917.5000 +/- 5776.7060	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U4c	U4	11	6.8182 +/- 2.0590	22793.2426 +/- 6883.2370	5.5455 +/- 1.8741	28653.5985 +/- 9683.4747	4.0000 +/- 1.6614	31960.0000 +/- 13274.5860
U4c1	U4c	9	1.1111 +/- 0.3849	3714.4073 +/- 1286.7207	0.8889 +/- 0.3143	4592.9463 +/- 1623.9881	0.2222 +/- 0.1571	1775.3780 +/- 1255.2290
U4d	U4	13	4.9231 +/- 1.1147	16457.9233 +/- 3726.4421	4.3077 +/- 1.0879	22257.8859 +/- 5621.1793	2.1538 +/- 0.7615	17208.8620 +/- 6084.3850
U4d1	U4d	6	2.6667 +/- 0.8498	8914.7781 +/- 2840.8814	2.5000 +/- 0.8333	12917.5000 +/- 4305.6611	1.8333 +/- 0.7638	14648.0670 +/- 6102.7620
U4d2	U4d	5	2.0000 +/- 0.6928	6686.0000 +/- 2316.0304	1.2000 +/- 0.5657	6200.4000 +/- 2922.9719	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U4d3	U4d	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
U5	U	358	10.6535 +/- 1.3732	35614.6505 +/- 4590.6076	5.9324 +/- 1.0206	30652.7108 +/- 5273.4402	3.3296 +/- 0.8234	26603.5040 +/- 6578.9660
U5a	U5	164	7.3171 +/- 1.0880	24461.0653 +/- 3637.1840	4.2439 +/- 0.7311	21928.2313 +/- 3777.5937	2.0610 +/- 0.3157	16467.3900 +/- 2522.4430
U5a1	U5a	90	5.9333 +/- 0.7963	19835.0219 +/- 2662.0309	3.7444 +/- 0.6420	19347.3148 +/- 3317.2140	1.7667 +/- 0.3093	14115.9330 +/- 2471.3070
U5a1a	U5a1	28	4.5357 +/- 1.1979	15162.8451 +/- 4004.5797	3.6786 +/- 1.1786	19007.3262 +/- 6089.8262	2.0357 +/- 0.8368	16265.2430 +/- 6686.0320
U5a1a1	U5a1a	21	2.0476 +/- 0.3898	6845.1268 +/- 1303.1014	1.1905 +/- 0.2974	6151.3135 +/- 1536.6658	0.9048 +/- 0.2651	7229.3520 +/- 2118.1490
U5a1a2	U5a1a	7	5.0000 +/- 1.6099	16715.0000 +/- 5381.8957	4.1429 +/- 1.5584	21406.3643 +/- 8052.2528	2.4286 +/- 1.2536	19404.5140 +/- 10016.2640
U5a1b	U5a1	32	4.0000 +/- 0.8040	13372.0000 +/- 2687.7720	1.8750 +/- 0.3508	9688.1250 +/- 1812.5836	1.0313 +/- 0.2400	8240.0870 +/- 1917.6000
U5a1b1	U5a1b	21	3.4286 +/- 0.5754	11461.8098 +/- 1923.5622	2.2381 +/- 0.4880	11564.2627 +/- 2521.4960	1.2381 +/- 0.3230	9892.4190 +/- 2580.7700
U5a1b1a	U5a1b1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000

U5a1b1b	U5a1b1	5	2.2000 +/- 0.9165	7354.6000 +/- 3063.8595	0.6000 +/- 0.3464	3100.2000 +/- 1789.8488	0.6000 +/- 0.3464	4794.0000 +/- 2767.7360
U5a1b1c	U5a1b1	6	2.6667 +/- 0.7817	8914.7781 +/- 2613.2231	2.0000 +/- 0.7071	10334.0000 +/- 3653.5857	1.0000 +/- 0.4082	7990.0000 +/- 3261.5180
U5a1b1d	U5a1b1	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
U5a1b2	U5a1b	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U5a1b3	U5a1b	4	1.5000 +/- 0.7906	5014.5000 +/- 2642.9758	0.7500 +/- 0.5590	3875.2500 +/- 2888.3530	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
U5a1c	U5a1	7	4.8571 +/- 1.2454	16237.2853 +/- 4163.3722	2.7143 +/- 0.9147	14024.7881 +/- 4726.2549	0.8571 +/- 0.3499	6848.2290 +/- 2795.7010
U5a1d	U5a1	9	7.1111 +/- 1.5316	23772.4073 +/- 5120.1388	3.4444 +/- 1.1055	17797.2148 +/- 5712.1185	2.6667 +/- 1.0423	21306.9330 +/- 8327.9770
U5a1d1	U5a1d	3	2.3333 +/- 1.0000	7800.2219 +/- 3343.0000	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U5a1d2	U5a1d	6	7.5000 +/- 1.8782	25072.5000 +/- 6278.8226	3.5000 +/- 1.2134	18084.5000 +/- 6269.6378	2.5000 +/- 1.0929	19975.0000 +/- 8732.2710
U5a1e	U5a1	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
U5a1f	U5a1	3	7.0000 +/- 1.7321	23401.0000 +/- 5790.4103	4.0000 +/- 1.2472	20668.0000 +/- 6444.2824	2.0000 +/- 0.8165	15980.0000 +/- 6523.8350
U5a2	U5a	73	5.6027 +/- 0.9851	18729.8261 +/- 3293.1893	3.6301 +/- 0.7421	18756.7267 +/- 3834.4307	2.3973 +/- 0.5973	19154.4270 +/- 4772.4270
U5a2a	U5a2	32	3.9688 +/- 1.4208	13267.6984 +/- 4749.7344	3.4688 +/- 1.4097	17923.2896 +/- 7283.9199	2.0000 +/- 1.0145	15980.0000 +/- 8105.8550
U5a2a1	U5a2a	4	0.2500 +/- 0.2500	835.7500 +/- 835.7500	0.2500 +/- 0.2500	1291.7500 +/- 1291.7500	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U5a2a2	U5a2a	6	1.1667 +/- 0.5000	3900.2781 +/- 1671.5000	0.3333 +/- 0.2357	1722.1611 +/- 1217.8619	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U5a2a3	U5a2a	3	1.0000 +/- 0.7454	3343.0000 +/- 2491.8722	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
U5a2a4	U5a2a	2	1.0000 +/-	3343.0000 +/-	0.5000 +/-	2583.5000 +/-	0.5000 +/- 0.5000	3995.0000 +/-

			0.7071	2363.8353	0.5000	2583.5000		3995.0000
U5a2b	U5a2	24	3.5000 +/- 0.4640	11700.5000 +/- 1551.1520	2.2917 +/- 0.3560	11841.2139 +/- 1839.4520	1.0417 +/- 0.2394	8323.1830 +/- 1912.8060
U5a2b1	U5a2b	16	3.0625 +/- 0.5340	10237.9375 +/- 1785.1620	1.8125 +/- 0.3590	9365.1875 +/- 1854.9530	0.8125 +/- 0.2421	6491.8750 +/- 1934.3790
U5a2b2	U5a2b	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
U5a2c	U5a2	9	4.6667 +/- 0.9428	15600.7781 +/- 3151.7804	3.4444 +/- 0.7778	17797.2148 +/- 4018.8926	2.4444 +/- 0.7027	19530.7560 +/- 5614.5730
U5a2d	U5a2	4	1.5000 +/- 0.7906	5014.5000 +/- 2642.9758	1.0000 +/- 0.6124	5167.0000 +/- 3164.2708	0.7500 +/- 0.5590	5992.5000 +/- 4466.4100
U5a2e	U5a2	4	2.2500 +/- 1.0308	7521.7500 +/- 3445.9644	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U5b	U5	194	8.8010 +/- 1.0803	29421.7430 +/- 3611.4429	4.5236 +/- 0.6832	23373.4412 +/- 3530.0944	2.4188 +/- 0.5182	19326.2120 +/- 4140.4180
U5b1	U5b	87	6.8837 +/- 1.3627	23012.2091 +/- 4555.5061	3.7209 +/- 0.9232	19225.8903 +/- 4770.1744	2.8023 +/- 0.9026	22390.3770 +/- 7211.7740
U5b1a	U5b1	3	3.3333 +/- 1.1547	11143.2219 +/- 3860.1621	1.6667 +/- 0.7454	8611.8389 +/- 3851.4818	1.0000 +/- 0.5774	7990.0000 +/- 4613.4260
U5b1b	U5b1	50	4.3800 +/- 1.3596	14642.3400 +/- 4545.1428	2.5800 +/- 1.1273	13330.8600 +/- 5824.7591	2.1600 +/- 1.1218	17258.4000 +/- 8963.1820
U5b1b1	U5b1b	39	3.1282 +/- 0.9831	10457.5726 +/- 3286.5033	1.1538 +/- 0.2912	5961.6846 +/- 1504.6304	0.6667 +/- 0.2564	5326.9330 +/- 2048.6360
U5b1b1a	U5b1b1	20	1.5000 +/- 0.4743	5014.5000 +/- 1585.5849	0.9500 +/- 0.4093	4908.6500 +/- 2114.8531	0.5500 +/- 0.3708	4394.5000 +/- 2962.6920
U5b1b1a1	U5b1b1a	7	1.1429 +/- 0.4949	3820.7147 +/- 1654.4507	0.8571 +/- 0.4518	4428.6357 +/- 2334.4506	0.2857 +/- 0.2857	2282.7430 +/- 2282.7430
U5b1b1b	U5b1b1	6	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U5b1b1d	U5b1b1	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
U5b1b1e	U5b1b1	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.0000 +/- 0.0000	0.0000 +/- 0.0000
			0.4000	1337.2000	0.3000	1550.1000		

U5b1b2	U5b1b	10	+/- 0.2000	+/- 668.6000	+/- 0.1732	+/- 894.9244	0.1000 +/- 0.1000	799.0000 +/- 799.0000
U5b1c	U5b1	5	5.2000 +/- 1.4142	17383.6000 +/- 4727.6706	1.6000 +/- 0.6325	8267.2000 +/- 3268.1275	0.8000 +/- 0.4899	6392.0000 +/- 3914.3010
U5b1d	U5b1	7	6.5714 +/- 1.3702	21968.1902 +/- 4580.5786	4.0000 +/- 1.1066	20668.0000 +/- 5717.8022	3.1429 +/- 1.0302	25111.7710 +/- 8231.2980
U5b1e	U5b1	11	2.6364 +/- 1.0484	8813.4852 +/- 3504.8012	0.9091 +/- 0.4264	4697.3197 +/- 2203.2088	0.6364 +/- 0.3963	5084.8360 +/- 3166.4370
U5b2	U5b	51	9.0816 +/- 1.3716	30359.7888 +/- 4585.2588	5.3878 +/- 0.9590	27838.7626 +/- 4955.1530	2.0408 +/- 0.4508	16305.9920 +/- 3601.8920
U5b2a	U5b2	33	7.2188 +/- 1.3195	24132.4484 +/- 4411.0885	4.0938 +/- 0.8107	21152.6646 +/- 4188.8869	1.6250 +/- 0.5303	12983.7500 +/- 4237.0970
U5b2a1	U5b2a	17	6.2353 +/- 1.5496	20844.6079 +/- 5180.3128	3.7647 +/- 1.1284	19452.2049 +/- 5830.4428	1.7059 +/- 0.8545	13630.1410 +/- 6827.4550
U5b2a1a	U5b2a1	13	4.8462 +/- 1.3390	16200.8466 +/- 4476.2770	3.0769 +/- 0.9851	15898.3423 +/- 5090.0117	0.5385 +/- 0.2308	4302.6150 +/- 1844.0920
U5b2a1b	U5b2a1	4	1.2500 +/- 0.5590	4178.7500 +/- 1868.7370	0.7500 +/- 0.4330	3875.2500 +/- 2237.3110	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
U5b2a2	U5b2a	11	3.9091 +/- 1.1318	13068.1213 +/- 3783.6074	3.3636 +/- 1.1097	17379.7212 +/- 5733.8199	1.6364 +/- 0.7497	13074.8360 +/- 5990.1030
U5b2a3	U5b2a	2	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
U5b2b	U5b2	12	6.0909 +/- 0.8954	20361.8787 +/- 2993.3222	3.5455 +/- 0.6863	18319.5985 +/- 3546.1121	1.6364 +/- 0.4454	13074.8360 +/- 3558.7460
U5b2c	U5b2	5	4.4000 +/- 1.3856	14709.2000 +/- 4632.0608	2.8000 +/- 1.2000	14467.6000 +/- 6200.4000	2.2000 +/- 1.0392	17578.0000 +/- 8303.2080
U5b3	U5b	56	5.2143 +/- 0.9313	17431.4049 +/- 3113.3359	2.2500 +/- 0.4286	11625.7500 +/- 2214.5762	1.1607 +/- 0.2165	9273.9930 +/- 1729.8350
U5b3a	U5b3	27	5.5556 +/- 1.5307	18572.3708 +/- 5117.1301	1.9259 +/- 0.7314	9951.1253 +/- 3779.1438	1.1111 +/- 0.3629	8877.6890 +/- 2899.5710
U5b3a1	U5b3a	19	5.1579 +/- 1.8262	17242.8597 +/- 6104.9866	2.0000 +/- 0.9415	10334.0000 +/- 4864.7305	0.9474 +/- 0.2785	7569.7260 +/- 2225.2150
U5b3a1a	U5b3a1	17	1.4706 +/- 0.3767	4916.2158 +/- 1259.3081	1.0000 +/- 0.2941	5167.0000 +/- 1519.6147	0.8235 +/- 0.2759	6579.7650 +/- 2204.4410

U5b3a1b	U5b3a1	2	1.5000 +/- 0.8660	5014.5000 +/- 2895.0380	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	1.0000 +/- 0.7071	7990.0000 +/- 5649.7290
U5b3a2	U5b3a	8	3.1250 +/- 1.1110	10446.8750 +/- 3714.0730	0.7500 +/- 0.3062	3875.2500 +/- 1582.1354	0.5000 +/- 0.2500	3995.0000 +/- 1997.5000
U5b3b	U5b3	7	3.2857 +/- 0.9583	10984.0951 +/- 3203.5969	1.2857 +/- 0.4738	6643.2119 +/- 2448.1246	0.5714 +/- 0.2857	4565.4860 +/- 2282.7430
U5b3c	U5b3	3	1.6667 +/- 0.8819	5571.7781 +/- 2948.1917	0.6667 +/- 0.4714	3444.8389 +/- 2435.7238	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
U5b3d	U5b3	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
U5b3e	U5b3	5	2.0000 +/- 0.8944	6686.0000 +/- 2989.9792	1.6000 +/- 0.8000	8267.2000 +/- 4133.6000	0.6000 +/- 0.4472	4794.0000 +/- 3573.1280
U5b3f	U5b3	5	0.8000 +/- 0.4899	2674.4000 +/- 1637.7357	0.2000 +/- 0.2000	1033.4000 +/- 1033.4000	0.2000 +/- 0.2000	1598.0000 +/- 1598.0000
U6	U	104	12.0673 +/- 1.8236	40340.9839 +/- 6096.2948	7.6635 +/- 1.2707	39597.3045 +/- 6565.7069	4.3654 +/- 0.9254	34879.5460 +/- 7393.9460
U6a	U6a'b'd	79	8.9241 +/- 0.9684	29833.2663 +/- 3237.3612	6.3797 +/- 0.8235	32963.9099 +/- 4255.0245	4.0759 +/- 0.6669	32566.4410 +/- 5328.5310
U6a1	U6a	20	6.5000 +/- 1.3675	21729.5000 +/- 4571.5525	3.5000 +/- 0.8803	18084.5000 +/- 4548.5101	2.7500 +/- 0.8559	21972.5000 +/- 6838.6410
U6a1a	U6a1	9	1.1111 +/- 0.3514	3714.4073 +/- 1174.7302	1.0000 +/- 0.3333	5167.0000 +/- 1722.1611	0.4444 +/- 0.2222	3550.7560 +/- 1775.3780
U6a1b	U6a1	10	6.3000 +/- 1.5199	21060.9000 +/- 5081.0257	4.2000 +/- 1.1747	21701.4000 +/- 6069.6749	3.2000 +/- 1.1225	25568.0000 +/- 8968.7750
U6a2	U6a	7	7.7143 +/- 1.4286	25788.9049 +/- 4775.8098	4.5714 +/- 0.9689	23620.4238 +/- 5006.3063	2.0000 +/- 0.6701	15980.0000 +/- 5354.0990
U6a3	U6a	18	6.6111 +/- 1.3391	22100.9073 +/- 4476.6113	4.0000 +/- 0.8992	20668.0000 +/- 4646.1664	2.3333 +/- 0.6759	18643.0670 +/- 5400.4410
U6a4	U6a	2	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
U6a5	U6a	7	4.7143 +/- 0.9794	15759.9049 +/- 3274.1342	3.2857 +/- 0.8452	16977.2119 +/- 4367.1484	2.2857 +/- 0.7559	18262.7430 +/- 6039.6410
U6a6	U6a	2	4.0000 +/- 1.4142	13372.0000 +/- 4727.6706	3.5000 +/- 1.3229	18084.5000 +/- 6835.4243	2.0000 +/- 1.0000	15980.0000 +/- 7990.0000

U6a7	U6a	20	9.4500 +/- 2.3425	31591.3500 +/- 7830.9775	8.4500 +/- 2.3157	43661.1500 +/- 11965.2219	4.8500 +/- 1.8145	38751.5000 +/- 14497.8550
U6a7a	U6a7	16	1.6250 +/- 0.4507	5432.3750 +/- 1506.6901	1.0625 +/- 0.3480	5489.9375 +/- 1798.1160	0.5000 +/- 0.2500	3995.0000 +/- 1997.5000
U6a7b	U6a7	3	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U6a'b'd	U6	100	10.9500 +/- 1.6051	36605.8500 +/- 5365.8493	7.6600 +/- 1.3173	39579.2200 +/- 6806.4891	4.4200 +/- 0.9602	35315.8000 +/- 7671.9980
U6b	U6a'b'd	13	4.0769 +/- 1.2040	13629.0767 +/- 4024.9720	2.7692 +/- 1.0320	14308.4564 +/- 5332.3440	0.7692 +/- 0.3608	6145.9080 +/- 2882.7920
U6b1	U6b	7	1.4286 +/- 0.6701	4775.8098 +/- 2240.1443	1.0000 +/- 0.6227	5167.0000 +/- 3217.4909	0.8571 +/- 0.6061	6848.2290 +/- 4842.7390
U6c	U6	4	4.0000 +/- 1.3693	13372.0000 +/- 4577.5699	1.7500 +/- 0.9014	9042.2500 +/- 4657.5338	1.0000 +/- 0.7906	7990.0000 +/- 6316.8940
U6d	U6a'b'd	8	5.2500 +/- 1.4790	17550.7500 +/- 4944.2970	3.8750 +/- 1.2437	20022.1250 +/- 6426.1979	1.8750 +/- 0.9100	14981.2500 +/- 7270.9000
U6d1	U6d	6	2.1667 +/- 0.7638	7243.2781 +/- 2553.3834	1.6667 +/- 0.7071	8611.8389 +/- 3653.5857	1.1667 +/- 0.6455	9321.9330 +/- 5157.5450
U7	U2'3'4'7'8'9	23	6.0435 +/- 1.0973	20203.4205 +/- 3668.2739	3.0000 +/- 0.7131	15501.0000 +/- 3684.5877	1.8696 +/- 0.4976	14938.1040 +/- 3975.8240
U8	U2'3'4'7'8'9	336	16.7425 +/- 2.9940	55970.1775 +/- 10008.9420	12.1198 +/- 2.6056	62623.0066 +/- 13463.1352	6.9371 +/- 1.9370	55427.4290 +/- 15476.6300
U8a	U8	15	8.2667 +/- 2.1271	27635.5781 +/- 7110.8953	5.5333 +/- 1.7062	28590.5611 +/- 8815.9354	3.3333 +/- 1.5202	26633.0670 +/- 12146.3980
U8a1	U8a	13	3.3846 +/- 0.9484	11314.7178 +/- 3170.5012	2.4615 +/- 0.8838	12718.5705 +/- 4566.5946	0.6154 +/- 0.2433	4917.0460 +/- 1943.9670
U8a1a	U8a1	10	2.3000 +/- 0.6403	7688.9000 +/- 2140.5229	1.5000 +/- 0.5000	7750.5000 +/- 2583.5000	0.4000 +/- 0.2449	3196.0000 +/- 1956.7510
U8b	U8	321	14.8589 +/- 2.7935	49673.3027 +/- 9338.6705	10.1944 +/- 2.3292	52674.4648 +/- 12034.9764	5.9185 +/- 1.7605	47288.8150 +/- 14066.3950
U8b1	U8b	5	11.0000 +/- 2.0616	36773.0000 +/- 6891.9288	7.7500 +/- 1.7500	40044.2500 +/- 9042.2500	4.2500 +/- 1.2990	33957.5000 +/- 10379.0100
U8K	U8b	316	8.8698 +/-	29651.7414 +/-	6.2254 +/-	32166.6418 +/-	2.9397 +/- 0.4222	23488.2030 +/-

			1.4149	4730.0107	1.2504	6460.8168		3373.3780
U8K1	U8K	255	7.1575 +/- 0.9357	23927.5225 +/- 3128.0451	4.4646 +/- 0.5119	23068.5882 +/- 2644.9873	2.9882 +/- 0.4604	23875.7180 +/- 3678.5960
U8K1a	U8K1	184	6.3478 +/- 0.6787	21220.6954 +/- 2268.8941	4.3587 +/- 0.6107	22521.4029 +/- 3155.4869	2.9620 +/- 0.5531	23666.3800 +/- 4419.2690
U8K1a1	U8K1a	44	6.4091 +/- 1.6326	21425.6213 +/- 5457.7818	4.1136 +/- 1.3819	21254.9712 +/- 7140.2773	2.7045 +/- 1.1062	21608.9550 +/- 8838.5380
U8K1a10	U8K1a	7	3.0000 +/- 1.2857	10029.0000 +/- 4298.0951	0.7143 +/- 0.3194	3690.7881 +/- 1650.3398	0.2857 +/- 0.2020	2282.7430 +/- 1613.9800
U8K1a11	U8K1a	5	2.0000 +/- 0.8944	6686.0000 +/- 2989.9792	2.0000 +/- 0.8944	10334.0000 +/- 4621.3648	1.6000 +/- 0.8485	12784.0000 +/- 6779.5150
U8K1a12	U8K1a	7	5.0000 +/- 1.1157	16715.0000 +/- 3729.7851	2.8571 +/- 0.9035	14762.6357 +/- 4668.3845	2.1429 +/- 0.8207	17121.7710 +/- 6557.3930
U8K1a12a	U8K1a12	4	4.7500 +/- 1.2500	15879.2500 +/- 4178.7500	2.7500 +/- 0.9682	14209.2500 +/- 5002.6894	1.7500 +/- 0.7500	13982.5000 +/- 5992.5000
U8K1a13	U8K1a	4	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	2.0000 +/- 0.9354	10334.0000 +/- 4833.2118	1.0000 +/- 0.6124	7990.0000 +/- 4893.0760
U8K1a1a	U8K1a1	7	2.1429 +/- 0.6547	7163.7147 +/- 2188.6621	1.4286 +/- 0.5714	7381.5762 +/- 2952.4238	0.4286 +/- 0.3194	3424.5140 +/- 2552.0060
U8K1a1b	U8K1a1	36	5.9444 +/- 1.6992	19872.1292 +/- 5680.4256	3.5000 +/- 1.3420	18084.5000 +/- 6934.1140	3.0000 +/- 1.3362	23970.0000 +/- 10676.2380
U8K1a1b1	U8K1a1b	31	4.6129 +/- 1.6777	15420.9247 +/- 5608.5511	2.1613 +/- 1.1707	11167.4371 +/- 6049.0069	1.8710 +/- 1.1667	14949.2900 +/- 9321.9330
U8K1a1b1a	U8K1a1b1	26	2.8846 +/- 1.4063	9643.2178 +/- 4701.2609	1.2692 +/- 0.9677	6557.9564 +/- 5000.1059	1.1154 +/- 0.9646	8912.0460 +/- 7707.1540
U8K1a1b1b	U8K1a1b1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U8K1a1b2	U8K1a1b	4	7.5000 +/- 1.8371	25072.5000 +/- 6141.4253	5.2500 +/- 1.5207	27126.7500 +/- 7857.4569	3.5000 +/- 1.3229	27965.0000 +/- 10569.9710
U8K1a2	U8K1a	10	4.5000 +/- 0.8185	15043.5000 +/- 2736.2455	2.9000 +/- 0.6557	14984.3000 +/- 3388.0019	1.8000 +/- 0.4899	14382.0000 +/- 3914.3010
U8K1a2a	U8K1a2	3	4.0000 +/- 1.1547	13372.0000 +/- 3860.1621	2.3333 +/- 0.8819	12056.1611 +/- 4556.7773	1.3333 +/- 0.6667	10653.0670 +/- 5326.9330
			4.7692	15943.4356	3.5385	18283.4295	1.6154 +/-	12907.0460

U8K1a3	U8K1a	13	+/- 1.2260	+/- 4098.5180	+/- 1.0320	+/- 5332.3440	0.4551	+/- 3636.2490
U8K1a3a	U8K1a3	11	4.2727 +/- 1.0325	14283.6361 +/- 3451.6475	2.9091 +/- 0.6803	15031.3197 +/- 3515.1101	1.8182 +/- 0.5301	14527.4180 +/- 4235.4990
U8K1a3a1	U8K1a3a	4	2.5000 +/- 1.0607	8357.5000 +/- 3545.9201	2.5000 +/- 1.0607	12917.5000 +/- 5480.6369	1.2500 +/- 0.5590	9987.5000 +/- 4466.4100
U8K1a3a1a	U8K1a3a1	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U8K1a4	U8K1a	54	5.9444 +/- 1.0790	19872.1292 +/- 3607.0970	4.6667 +/- 1.0508	24112.8389 +/- 5429.4836	3.3333 +/- 0.9897	26633.0670 +/- 7907.7030
U8K1a4a	U8K1a4	30	5.6667 +/- 1.5370	18943.7781 +/- 5138.1910	4.5000 +/- 1.5059	23251.5000 +/- 7780.9853	2.9667 +/- 1.4004	23703.9330 +/- 11189.1960
U8K1a4a1	U8K1a4a	29	3.6897 +/- 0.7225	12334.6671 +/- 2415.3175	2.5517 +/- 0.6506	13184.6339 +/- 3361.6502	1.0000 +/- 0.3103	7990.0000 +/- 2479.2970
U8K1a4a1a	U8K1a4a1	11	2.6364 +/- 0.8861	8813.4852 +/- 2962.2323	1.1818 +/- 0.5530	6106.3606 +/- 2857.3510	0.8182 +/- 0.5222	6537.4180 +/- 4172.3780
U8K1a4a1b	U8K1a4a1	4	3.0000 +/- 1.0607	10029.0000 +/- 3545.9201	2.2500 +/- 0.9682	11625.7500 +/- 5002.6894	1.0000 +/- 0.7906	7990.0000 +/- 6316.8940
U8K1a4b	U8K1a4	4	6.5000 +/- 1.9365	21729.5000 +/- 6473.7195	5.5000 +/- 1.8371	28418.5000 +/- 9492.2957	4.7500 +/- 1.6771	37952.5000 +/- 13400.0290
U8K1a4c	U8K1a4	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U8K1a4d	U8K1a4	7	1.2857 +/- 0.7954	4298.0951 +/- 2659.0222	0.4286 +/- 0.3194	2214.5762 +/- 1650.3398	0.2857 +/- 0.2857	2282.7430 +/- 2282.7430
U8K1a5	U8K1a	3	1.3333 +/- 0.8165	4457.2219 +/- 2729.5595	1.0000 +/- 0.7454	5167.0000 +/- 3851.4818	0.6667 +/- 0.6667	5326.9330 +/- 5326.9330
U8K1a6	U8K1a	3	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U8K1a7	U8K1a78	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U8K1a78	U8K1a	4	5.5000 +/- 1.5000	18386.5000 +/- 5014.5000	4.2500 +/- 1.2500	21959.7500 +/- 6458.7500	2.5000 +/- 1.0607	19975.0000 +/- 8474.9930
U8K1a8	U8K1a78	3	2.6667 +/- 1.0541	8914.7781 +/- 3523.8563	2.3333 +/- 1.0000	12056.1611 +/- 5167.0000	1.3333 +/- 0.8165	10653.0670 +/- 6523.8350

U8K1a8a	U8K1a8	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
U8K1a9	U8K1a	5	1.2000 +/- 0.8485	4011.6000 +/- 2836.5355	0.4000 +/- 0.2828	2066.8000 +/- 1461.2276	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U8K1b	U8K1	23	8.4091 +/- 1.5314	28111.6213 +/- 5119.4702	6.0000 +/- 1.2465	31002.0000 +/- 6440.6655	3.5909 +/- 1.0395	28691.2910 +/- 8305.6050
U8K1b1	U8K1b	11	7.9000 +/- 1.6093	26409.7000 +/- 5379.8899	5.4000 +/- 1.2961	27901.8000 +/- 6696.9487	2.4000 +/- 0.8246	19176.0000 +/- 6588.5540
U8K1b1a	U8K1b1	6	5.5000 +/- 1.4434	18386.5000 +/- 4825.2862	3.1667 +/- 0.9280	16362.3389 +/- 4794.9760	1.8333 +/- 0.7265	14648.0670 +/- 5804.7350
U8K1b1a1	U8K1b1a	5	5.0000 +/- 1.3711	16715.0000 +/- 4583.5873	3.4000 +/- 1.0770	17567.8000 +/- 5564.8590	2.0000 +/- 0.8485	15980.0000 +/- 6779.5150
U8K1b1b	U8K1b1	2	4.0000 +/- 2.0000	13372.0000 +/- 6686.0000	4.0000 +/- 2.0000	20668.0000 +/- 10334.0000	1.0000 +/- 1.0000	7990.0000 +/- 7990.0000
U8K1b1c	U8K1b1	3	2.3333 +/- 0.8819	7800.2219 +/- 2948.1917	1.6667 +/- 0.7454	8611.8389 +/- 3851.4818	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
U8K1b2	U8K1b	12	3.3333 +/- 1.0000	11143.2219 +/- 3343.0000	3.0000 +/- 0.9860	15501.0000 +/- 5094.6620	1.9167 +/- 0.8780	15314.4330 +/- 7015.2200
U8K1b2a	U8K1b2	9	1.7778 +/- 0.6285	5943.1854 +/- 2101.0755	1.5556 +/- 0.6086	8037.7852 +/- 3144.6362	0.2222 +/- 0.1571	1775.3780 +/- 1255.2290
U8K1b2b	U8K1b2	3	3.0000 +/- 1.2019	10029.0000 +/- 4017.9517	2.3333 +/- 1.1055	12056.1611 +/- 5712.1185	2.0000 +/- 1.0541	15980.0000 +/- 8422.2590
U8K1c	U8K1	47	4.2553 +/- 1.2032	14225.4679 +/- 4022.2976	3.6383 +/- 1.1721	18799.0961 +/- 6056.2407	2.7660 +/- 1.1234	22100.3400 +/- 8975.9660
U8K1c1	U8K1c	35	1.7714 +/- 0.3523	5921.7902 +/- 1177.7389	1.4286 +/- 0.3356	7381.5762 +/- 1734.0452	0.7429 +/- 0.1807	5935.7710 +/- 1443.7930
U8K1c1b	U8K1c1	9	0.5556 +/- 0.2940	1857.3708 +/- 982.8420	0.5556 +/- 0.2940	2870.7852 +/- 1519.0980	0.4444 +/- 0.2722	3550.7560 +/- 2174.8780
U8K1c2	U8K1c	12	1.6667 +/- 0.3727	5571.7781 +/- 1245.9361	1.2500 +/- 0.3227	6458.7500 +/- 1667.3909	0.8333 +/- 0.2635	6658.0670 +/- 2105.3650
U8K2	U8K	59	5.4068 +/- 1.3243	18074.9324 +/- 4427.1349	4.1864 +/- 1.2793	21631.1288 +/- 6610.1431	1.6949 +/- 0.3865	13542.2510 +/- 3088.1350
U8K2a	U8K2	50	2.9000 +/- 0.5325	9694.7000 +/- 1780.1475	1.8000 +/- 0.3795	9300.6000 +/- 1960.8765	1.3200 +/- 0.3567	10546.8000 +/- 2850.0330

U8K2a1	U8K2a	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U8K2a2	U8K2a	7	3.8571 +/- 1.5452	12894.2853 +/- 5165.6036	2.5714 +/- 1.3401	13286.4238 +/- 6924.2967	2.5714 +/- 1.3401	20545.4860 +/- 10707.3990
U8K2a2a	U8K2a2	5	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U8K2a3	U8K2a	7	3.1429 +/- 1.0302	10506.7147 +/- 3443.9586	3.0000 +/- 1.0202	15501.0000 +/- 5271.3734	1.5714 +/- 0.7693	12555.4860 +/- 6146.7070
U8K2a4	U8K2a	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U8K2a5	U8K2a	3	2.3333 +/- 0.8819	7800.2219 +/- 2948.1917	1.3333 +/- 0.6667	6889.1611 +/- 3444.8389	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
U8K2a6	U8K2a	9	1.0000 +/- 0.4303	3343.0000 +/- 1438.4929	0.5556 +/- 0.3685	2870.7852 +/- 1904.0395	0.4444 +/- 0.3514	3550.7560 +/- 2807.6860
U8K2b	U8K2	8	3.1250 +/- 1.0232	10446.8750 +/- 3420.5576	1.3750 +/- 0.4146	7104.6250 +/- 2142.2382	0.7500 +/- 0.3062	5992.5000 +/- 2446.5380
U8K2b1	U8K2b	6	2.5000 +/- 0.8660	8357.5000 +/- 2895.0380	1.1667 +/- 0.4410	6028.3389 +/- 2278.6470	0.5000 +/- 0.2887	3995.0000 +/- 2306.7130
U8K2b1a	U8K2b1	4	1.5000 +/- 0.6124	5014.5000 +/- 2047.2532	1.0000 +/- 0.5000	5167.0000 +/- 2583.5000	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
U8K2c	U8K2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
U9	U4'9	6	8.5000 +/- 1.5723	28415.5000 +/- 5256.1989	5.1667 +/- 1.1426	26696.3389 +/- 5903.8142	3.0000 +/- 0.9129	23970.0000 +/- 7294.0710
U9a	U9	3	6.6667 +/- 1.7638	22286.7781 +/- 5896.3834	4.3333 +/- 1.3744	22390.1611 +/- 7101.5248	1.3333 +/- 0.6667	10653.0670 +/- 5326.9330
U9a1	U9a	2	3.5000 +/- 1.3229	11700.5000 +/- 4422.4547	3.0000 +/- 1.2247	15501.0000 +/- 6328.0249	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
U9b	U9	3	6.3333 +/- 1.6667	21172.2219 +/- 5571.7781	5.0000 +/- 1.5275	25835.0000 +/- 7892.5925	3.6667 +/- 1.3744	29296.9330 +/- 10981.4560
V	HV0a	111	3.7636 +/- 0.4371	12581.7148 +/- 1461.2253	2.5636 +/- 0.3956	13246.1212 +/- 2044.0652	1.1545 +/- 0.1649	9224.4550 +/- 1317.5510
V1	V	22	3.4545 +/- 1.0385	11548.3935 +/- 3471.7055	2.2273 +/- 0.9125	11508.4591 +/- 4714.8875	0.5909 +/- 0.1981	4721.2910 +/- 1582.8190

V10	V	2	2.5000 +/- 1.1180	8357.5000 +/- 3737.4740	1.0000 +/- 0.7071	5167.0000 +/- 3653.5857	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
V1a	V1	18	2.6111 +/- 0.7597	8728.9073 +/- 2539.6771	1.3333 +/- 0.4714	6889.1611 +/- 2435.7238	0.4444 +/- 0.2079	3550.7560 +/- 1661.1210
V1a1	V1a	6	0.3333 +/- 0.2357	1114.2219 +/- 787.9451	0.1667 +/- 0.1667	861.3389 +/- 861.3389	0.0000 +/- 0.0000	0.0000 +/- 0.0000
V1a2	V1a	4	3.5000 +/- 1.1180	11700.5000 +/- 3737.4740	2.7500 +/- 0.9682	14209.2500 +/- 5002.6894	1.5000 +/- 0.7906	11985.0000 +/- 6316.8940
V2	V	8	3.1250 +/- 0.9601	10446.8750 +/- 3209.6143	2.8750 +/- 0.9437	14855.1250 +/- 4876.0979	1.2500 +/- 0.6847	9987.5000 +/- 5470.7530
V2a	V2	4	2.7500 +/- 1.2500	9193.2500 +/- 4178.7500	2.2500 +/- 1.1990	11625.7500 +/- 6195.2330	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
V2a1	V2a	3	1.3333 +/- 0.8165	4457.2219 +/- 2729.5595	1.0000 +/- 0.7454	5167.0000 +/- 3851.4818	0.6667 +/- 0.6667	5326.9330 +/- 5326.9330
V2a1a	V2a1	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
V2b	V2	3	1.3333 +/- 0.8165	4457.2219 +/- 2729.5595	1.3333 +/- 0.8165	6889.1611 +/- 4218.8555	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
V2b1	V2b	2	0.5000 +/- 0.5000	1671.5000 +/- 1671.5000	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
V3	V	5	4.0000 +/- 1.0954	13372.0000 +/- 3661.9222	2.4000 +/- 0.8944	12400.8000 +/- 4621.3648	1.4000 +/- 0.7211	11186.0000 +/- 5761.5890
V4	V	3	1.6667 +/- 0.8819	5571.7781 +/- 2948.1917	1.6667 +/- 0.8819	8611.8389 +/- 4556.7773	1.3333 +/- 0.8165	10653.0670 +/- 6523.8350
V5	V	4	1.0000 +/- 0.7906	3343.0000 +/- 2642.9758	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
V6	V	4	2.2500 +/- 0.8292	7521.7500 +/- 2772.0156	1.5000 +/- 0.6124	7750.5000 +/- 3164.2708	0.7500 +/- 0.4330	5992.5000 +/- 3459.6700
V7	V	7	5.1429 +/- 1.9795	17192.7147 +/- 6617.4685	2.5714 +/- 1.3553	13286.4238 +/- 7002.8351	2.1429 +/- 1.3325	17121.7710 +/- 10646.6750
V7a	V7	7	2.1429 +/- 0.9583	7163.7147 +/- 3203.5969	1.5714 +/- 0.9147	8119.4238 +/- 4726.2549	1.1429 +/- 0.8806	9131.7710 +/- 7035.9940
V8	V	5	1.0000 +/-	3343.0000 +/-	0.0000 +/-	0.0000 +/-	0.0000 +/-	0.0000 +/-

			0.5292	1769.1156	0.0000	0.0000	0.0000	0.0000
V9	V	5	6.6000 +/- 1.9287	22063.8000 +/- 6447.6441	4.2000 +/- 1.5100	21701.4000 +/- 7802.1700	2.8000 +/- 1.2329	22372.0000 +/- 9850.8710
V9a	V9	4	3.7500 +/- 1.2990	12536.2500 +/- 4342.5570	1.7500 +/- 0.6614	9042.2500 +/- 3417.4538	1.2500 +/- 0.5590	9987.5000 +/- 4466.4100
X	N	101	12.0000 +/- 2.0171	40116.0000 +/- 6743.1653	5.7677 +/- 1.1154	29801.7059 +/- 5763.2718	2.3737 +/- 0.3981	18965.8630 +/- 3180.8190
X1	X	10	10.7778 +/- 2.0092	36030.1854 +/- 6716.7556	8.3333 +/- 1.7882	43058.1611 +/- 9239.6294	5.0000 +/- 1.3472	39950.0000 +/- 10764.1280
X1a	X1	6	8.4000 +/- 2.0785	28081.2000 +/- 6948.4255	6.4000 +/- 1.8330	33068.8000 +/- 9471.1110	4.2000 +/- 1.4832	33558.0000 +/- 11850.7680
X1a1	X1a	4	4.7500 +/- 1.5207	15879.2500 +/- 5083.7001	4.0000 +/- 1.4142	20668.0000 +/- 7307.1714	2.5000 +/- 1.1180	19975.0000 +/- 8932.8200
X1a2	X1a	2	5.0000 +/- 2.2361	16715.0000 +/- 7475.2823	2.0000 +/- 1.4142	10334.0000 +/- 7307.1714	1.0000 +/- 1.0000	7990.0000 +/- 7990.0000
X1b	X1	4	3.7500 +/- 1.5612	12536.2500 +/- 5219.0916	2.0000 +/- 1.1180	10334.0000 +/- 5776.7060	1.7500 +/- 1.0897	13982.5000 +/- 8706.7030
X1b1	X1b	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.3333 +/- 0.3333	1722.1611 +/- 1722.1611	0.3333 +/- 0.3333	2663.0670 +/- 2663.0670
X2	X	90	8.9551 +/- 1.3301	29936.8993 +/- 4446.5243	4.5169 +/- 0.7113	23338.8223 +/- 3675.2871	2.1124 +/- 0.4210	16878.0760 +/- 3363.7900
X2a	X2	24	7.5217 +/- 1.8307	25145.0431 +/- 6120.0301	3.0435 +/- 1.0362	15725.7645 +/- 5354.0454	2.1739 +/- 0.9761	17369.4610 +/- 7799.0390
X2a1	X2a	20	3.8947 +/- 0.8388	13019.9821 +/- 2804.1084	1.8947 +/- 0.6531	9789.9149 +/- 3374.5677	1.1579 +/- 0.5520	9251.6210 +/- 4410.4800
X2a1a	X2a1	6	5.6000 +/- 1.7205	18720.8000 +/- 5751.6315	1.2000 +/- 0.7483	6200.4000 +/- 3866.4661	0.2000 +/- 0.2000	1598.0000 +/- 1598.0000
X2a1a1	X2a1a	4	4.3333 +/- 1.9149	14486.2219 +/- 6401.5107	1.0000 +/- 1.0000	5167.0000 +/- 5167.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
X2a1b	X2a1	8	2.0000 +/- 0.8660	6686.0000 +/- 2895.0380	1.6250 +/- 0.8385	8396.3750 +/- 4332.5295	0.8750 +/- 0.5449	6991.2500 +/- 4353.7510
X2a1c	X2a1	2	1.0000 +/- 0.7071	3343.0000 +/- 2363.8353	0.5000 +/- 0.5000	2583.5000 +/- 2583.5000	0.0000 +/- 0.0000	0.0000 +/- 0.0000

X2a2	X2a	4	1.7500 +/- 0.8292	5850.2500 +/- 2772.0156	0.7500 +/- 0.5590	3875.2500 +/- 2888.3530	0.2500 +/- 0.2500	1997.5000 +/- 1997.5000
X2b	X2	17	4.3529 +/- 0.9843	14551.7447 +/- 3290.5149	2.5294 +/- 0.4743	13069.4098 +/- 2450.7081	1.7059 +/- 0.4118	13630.1410 +/- 3290.2820
X2b1	X2b	2	2.0000 +/- 1.0000	6686.0000 +/- 3343.0000	1.5000 +/- 0.8660	7750.5000 +/- 4474.6220	0.5000 +/- 0.5000	3995.0000 +/- 3995.0000
X2b2	X2b	2	3.0000 +/- 1.2247	10029.0000 +/- 4094.1721	2.0000 +/- 1.0000	10334.0000 +/- 5167.0000	1.5000 +/- 0.8660	11985.0000 +/- 6919.3400
X2b3	X2b	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
X2b4	X2b	4	3.5000 +/- 1.0000	11700.5000 +/- 3343.0000	2.2500 +/- 0.8292	11625.7500 +/- 4284.4764	1.2500 +/- 0.6614	9987.5000 +/- 5284.5860
X2c	X2	13	3.0769 +/- 1.0659	10286.0767 +/- 3563.3037	1.8462 +/- 0.9102	9539.3154 +/- 4703.0034	0.1538 +/- 0.1088	1228.8620 +/- 869.3120
X2c1	X2c	11	2.3636 +/- 0.7385	7901.5148 +/- 2468.8055	0.9091 +/- 0.3402	4697.3197 +/- 1757.8134	0.1818 +/- 0.1286	1452.5820 +/- 1027.5140
X2c1a	X2c1	5	1.4000 +/- 0.9165	4680.2000 +/- 3063.8595	0.4000 +/- 0.4000	2066.8000 +/- 2066.8000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
X2d	X2	4	6.2500 +/- 1.7854	20893.7500 +/- 5968.5922	4.2500 +/- 1.3919	21959.7500 +/- 7191.9473	2.7500 +/- 1.1990	21972.5000 +/- 9580.0100
X2e	X2	12	5.5000 +/- 1.3994	18386.5000 +/- 4678.1942	3.2500 +/- 1.1087	16792.7500 +/- 5728.6529	1.4167 +/- 0.6509	11319.4330 +/- 5200.6910
X2e1	X2e	3	5.0000 +/- 1.3744	16715.0000 +/- 4594.6192	3.0000 +/- 1.1055	15501.0000 +/- 5712.1185	2.0000 +/- 0.9428	15980.0000 +/- 7532.9720
X2e2	X2e	9	3.3333 +/- 1.0773	11143.2219 +/- 3601.4139	2.3333 +/- 1.0244	12056.1611 +/- 5293.0748	1.2222 +/- 0.8089	9765.3780 +/- 6463.1110
X2e2a	X2e2	7	1.8571 +/- 0.8452	6208.2853 +/- 2825.5036	1.2857 +/- 0.7954	6643.2119 +/- 4109.8318	0.1429 +/- 0.1429	1141.7710 +/- 1141.7710
X2e2a1	X2e2a	5	0.6000 +/- 0.4472	2005.8000 +/- 1494.9896	0.6000 +/- 0.4472	3100.2000 +/- 2310.6824	0.0000 +/- 0.0000	0.0000 +/- 0.0000
X2f	X2	3	3.0000 +/- 1.0000	10029.0000 +/- 3343.0000	2.0000 +/- 0.8165	10334.0000 +/- 4218.8555	1.0000 +/- 0.5774	7990.0000 +/- 4613.4260
X2g	X2	1	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000

X2h	X2	3	0.6667 +/- 0.4714	2228.7781 +/- 1575.8902	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000	0.0000 +/- 0.0000
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