

TABLE S10: FC1 LA-ICPMS U-Pb ZIRCON GEOCHRONOLOGY

Zircon #	Composition					Ages											% Disc.
	U (ppm)	206Pb/204Pb	U/Th	206Pb/207Pb	2σ (%)	207Pb/235U	2σ (%)	206Pb/238U	2σ (%)	Error Corr.	206Pb/238U	2σ (Ma)	207Pb/235U	2σ (Ma)	206Pb/207Pb (Ma)		
FC1 no CA Run 1																	
FC1-11	255	31761	1.73	13.305	1.6	1.9048	3.7	0.18389	3.3	0.899	1088.2	33.2	1082.8	24.5	####	32.3 -1.5	
FC1-12	397	318394	2.04	12.932	1.8	1.9441	3.0	0.18242	2.4	0.802	1080.2	23.7	1096.4	19.9	####	35.4 4.3	
FC1-13	248	26223	1.71	12.980	2.0	1.9681	3.7	0.18536	3.0	0.830	1096.2	30.6	1104.7	24.6	####	40.7 2.2	
FC1-14	339	30198	1.65	13.093	1.8	1.9561	3.2	0.18584	2.6	0.826	1098.8	26.4	1100.6	21.2	####	35.6 0.5	
FC1-15	461	53851	1.39	12.761	2.5	1.9495	5.1	0.18051	4.5	0.872	1069.7	44.1	1098.3	34.4	####	49.8 7.4	
FC1-16	457	63839	1.72	13.074	1.9	1.9528	3.8	0.18524	3.3	0.866	1095.6	32.8	1099.4	25.2	####	37.6 1.0	
FC1-17	269	20204	1.28	13.106	1.8	1.9332	3.6	0.18384	3.1	0.860	1087.9	31.1	1092.6	24.1	####	36.8 1.3	
FC1-21	305	36493	1.62	13.173	1.6	1.9273	3.2	0.18422	2.8	0.864	1090.0	27.9	1090.6	21.6	####	32.5 0.2	
FC1-22	499	248861	1.80	13.091	1.8	1.9446	2.9	0.18471	2.3	0.782	1092.7	23.2	1096.6	19.8	####	36.7 1.1	
FC1-23	257	15855	1.64	13.154	2.3	1.9351	3.8	0.18469	2.9	0.780	1092.6	29.4	1093.3	25.1	####	47.0 0.2	
FC1-24	406	327238	2.45	13.210	1.6	1.9649	3.2	0.18834	2.8	0.866	1112.4	28.4	1103.6	21.6	####	32.2 -2.4	
FC1-26	362	162029	1.75	12.905	1.6	1.8968	3.5	0.17761	3.2	0.896	1053.9	30.8	1080.0	23.5	####	31.2 7.0	
FC1-27	161	101999	1.94	13.167	2.3	2.0000	4.1	0.19108	3.4	0.826	1127.2	35.0	1115.5	27.7	####	46.2 -3.1	
FC1-28	234	162002	1.99	13.274	2.3	1.9478	3.6	0.18761	2.8	0.776	1108.4	28.3	1097.7	24.0	####	45.3 -3.0	
FC1-29	450	30241	1.45	12.857	2.1	1.8497	4.2	0.17256	3.6	0.866	1026.2	34.6	1063.3	27.8	####	41.9 10.0	
FC1-3	381	35829	1.84	13.282	1.9	1.8593	4.7	0.17918	4.3	0.920	1062.5	42.6	1066.7	31.2	####	37.1 1.2	
FC1-30	491	56192	2.32	13.145	1.9	1.9059	3.1	0.18178	2.5	0.798	1076.7	24.6	1083.2	20.7	####	37.6 1.8	
FC1-4	345	20308	1.70	13.351	2.1	1.8882	3.2	0.18292	2.4	0.755	1082.9	23.8	1077.0	21.0	####	41.6 -1.7	
FC1-5	90	149727	3.24	12.816	3.1	1.9178	4.4	0.17833	3.2	0.721	1057.8	31.1	1087.3	29.5	####	60.8 7.8	
FC1-7	1262	69338	1.75	13.096	1.9	1.9857	3.0	0.18868	2.4	0.790	1114.2	24.5	1110.6	20.5	####	37.2 -1.0	
FC1-8	166	56009	2.69	13.242	1.9	1.9632	3.4	0.18864	2.8	0.828	1114.0	28.8	1103.0	22.9	####	38.3 -3.0	
FC1 no CA Run 1 (discordant)																	
FC1-10	284	17033	1.74	13.195	2.2	2.0680	4.1	0.19800	3.5	0.847	1164.5	36.8	1138.3	27.9	####	43.4 -7.0	
FC1-2	206	11929	1.98	13.533	1.7	1.9200	4.7	0.18854	4.4	0.930	1113.5	44.8	1088.1	31.4	####	35.0 -7.3	
FC1-6	172	9258	1.37	13.531	3.4	1.9290	5.6	0.18940	4.4	0.791	1118.1	45.6	1091.2	37.6	####	69.4 -7.7	
FC1 no CA Run 2																	
FC 1	523	2E+07	1.65	13.093	2.2	1.952	3.4	0.18543	2.6	0.761	1096.6	26.1	1099.1	22.8	1104	44.2 0.7	
FC 11	333	353223	2.26	13.227	1.7	1.947	2.9	0.18683	2.4	0.822	1104.2	24.3	1097.3	19.6	1084	33.3 -1.9	
FC 12	326	417199	1.53	13.117	2.3	1.946	3.7	0.18524	2.8	0.768	1095.5	28.2	1097.2	24.5	1100	46.8 0.4	
FC 13	788	1E+06	1.84	13.028	1.6	1.977	2.7	0.18688	2.1	0.789	1104.4	21.2	1107.7	17.9	1114	32.5 0.9	
FC 15	891	1E+06	1.6	13.014	1.8	1.98	2.8	0.18694	2.1	0.769	1104.8	21.7	1108.6	18.8	1116	35.6 1.0	
FC 16	136	202949	2.48	13.085	2	1.959	3.5	0.18596	2.8	0.822	1099.5	28.8	1101.4	23.3	1105	39.3 0.5	
FC 17	771	592597	1.89	13.203	1.6	1.963	2.6	0.18803	2.1	0.801	1110.7	21.6	1102.8	17.8	1087	31.8 -2.2	
FC 18	297	351347	1.83	13.197	1.8	1.924	3.1	0.1842	2.5	0.823	1089.9	25.5	1089.3	20.7	1088	35.2 -0.2	
FC 19	738	590751	1.94	13.031	1.4	1.95	2.6	0.18437	2.2	0.83	1090.8	21.6	1098.4	17.4	1114	28.9 2.0	
FC 2	247	356446	1.64	13.215	2	1.944	3.1	0.18639	2.3	0.748	1101.8	23.2	1096.3	20.5	1086	40.6 -1.5	
FC 20	306	1E+06	2.16	13.189	1.7	1.96	3.2	0.1876	2.7	0.846	1108.3	27.9	1102	21.8	1090	34.6 -1.7	
FC 21	977	2E+06	1.57	13.07	1.5	1.988	2.8	0.18858	2.3	0.85	1113.7	24	1111.6	18.6	1108	29 -0.6	
FC 22	398	5E+06	1.85	13.225	2.3	1.927	3.3	0.1849	2.3	0.709	1093.7	23.3	1090.5	21.8	1084	46 -0.9	
FC 23	199	273305	2.04	13.171	2.9	1.923	4.6	0.18375	3.5	0.771	1087.4	35.4	1089	30.7	1092	58.6 0.4	
FC 24	1083	1E+06	1.3	13.054	1.9	1.971	2.8	0.18671	2.1	0.736	1103.5	21.1	1105.7	19.1	1110	38.2 0.6	
FC 25	429	1E+06	1.67	12.981	2.1	1.974	3.1	0.18596	2.3	0.728	1099.5	22.9	1106.8	21	1121	42.6 1.9	
FC 27	514	422364	1.67	13.107	2.2	1.92	3.5	0.18264	2.8	0.784	1081.4	27.4	1088.2	23.4	1102	43.5 1.9	
FC 28	452	889929	1.89	13.125	1.9	1.985	3	0.18903	2.4	0.786	1116.1	24.4	1110.4	20.4	1099	37.4 -1.5	
FC 29	807	4E+06	1.19	13.136	2.3	1.998	3.5	0.1904	2.6	0.746	1123.6	27.1	1114.7	23.8	1098	46.9 -2.4	
FC 3	266	4E+06	1.64	13.266	2.3	1.943	3.2	0.18699	2.2	0.7	1105	22.5	1095.9	21.2	1078	45.4 -2.5	
FC 30	298	191514	1.76	13.116	1.9	1.926	3.2	0.18324	2.6	0.816	1084.7	26.3	1090	21.6	1101	37.3 1.4	
FC 31	126	133579	3.18	13.205	2.3	1.939	3.7	0.18574	2.9	0.782	1098.3	29.5	1094.5	25	1087	46.6 -1.0	
FC 32	209	2E+06	1.82	13.216	1.7	1.916	3.5	0.18371	3.1	0.88	1087.2	30.6	1086.6	23.2	1085	33.1 -0.2	
FC 33	277	163465	1.76	13.191	2.2	1.92	3.3	0.18375	2.5	0.762	1087.4	25.4	1088	22.2	1089	43.1 0.2	
FC 34	395	335965	1.9	12.997	1.6	1.916	2.7	0.18068	2.2	0.818	1070.7	22.1	1086.6	18.3	1119	31.5 4.3	
FC 35	270	412106	1.84	13.237	2.1	1.962	3.2	0.18846	2.4	0.75	1113	24.2	1102.6	21.2	1082	41.9 -2.8	
FC 36	437	242304	2.48	13.114	2.1	1.958	3.5	0.18635	2.9	0.809	1101.6	29.1	1101.3	23.8	1101	41.7 -0.1	
FC 37	912	1E+06	1.38	13.032	1.5	1.969	3	0.18622	2.6	0.864	1100.9	26.6	1105.1	20.5	1113	30.6 1.1	
FC 38	232	107688	2.41	13.146	2.3	1.945	3.5	0.18553	2.7	0.761	1097.1	27.2	1096.8	23.7	1096	46 -0.1	
FC 39	930	516430	1.64	13.1	1.6	1.961	2.4	0.18635	1.9	0.764	1101.6	18.8	1102.1	16.3	1103	31.4 0.1	
FC 4	236	779526	1.71	13.094	1.9	1.945	3.1	0.18482	2.5	0.785	1093.2	24.8	1096.8	21	1104	38.9 1.0	
FC 41	309	514881	3.45	13.101	2.2	1.983	3.5	0.18848	2.6	0.76	1113.2	26.8	1109.7	23.3	1103	44.9 -0.9	
FC 42	392	2E+06	2.19	13.26	1.8	1.955	3	0.18805	2.4	0.794	1110.8	24.4	1100	20.2	1079	36.7 -3.0	
FC 43	1575	1E+07	1.26	12.808	1.9	2.037	2.6	0.18935	1.8	0.693	1117.8	18.6	1128.1	17.9	1148	37.5 2.6	
FC 44	402	340495	1.96	13.102	2.2	1.954	3.6	0.18578	2.9	0.804	1098.5	29.5	1099.9	24.4	1103	43.2 0.4	
FC 45	934	536074	1.95	12.963	1.4	2.011	2.9	0.18916	2.5	0.874	1116.8	26	1119.2	19.7	1124	28.1 0.6	
FC 46	272	167369	1.84	13.26	2.7	1.929	4.5	0.18561	3.6	0.801	1097.6	36	1091.2	29.8	1079	53.5 -1.8	
FC 47	174	155761	1.97	13.155	2.1	1.916	3.6	0.1829	3	0.825	1082.8	30	1086.8	24.3	1095	41.3 1.1	
FC 48	136	149085	3.18	13.224	1.9	1.932	3.6	0.18538	3.1	0							

FC 65	819	2E+06	1.17	13.105	2	1.954	3.3	0.18581	2.6	0.799	1098.6	26.7	1099.9	22.2	1102	39.7	0.3
FC 66	401	2E+06	2	13.198	2.1	1.939	3.4	0.18568	2.7	0.788	1097.9	26.9	1094.6	22.6	1088	41.6	-0.9
FC 67	207	243071	1.74	13.15	1.9	1.932	3.5	0.1843	3	0.847	1090.4	29.7	1092.1	23.4	1095	37.2	0.5
FC 68	405	646144	1.78	13.156	1.8	1.96	3.2	0.18704	2.6	0.825	1105.3	26.4	1101.7	21.2	1095	35.7	-1.0
FC 69	692	2E+07	1.41	12.99	1.9	1.964	3.4	0.18514	2.8	0.83	1095	28	1103.3	22.6	1120	37.3	2.2
FC 7	376	567971	2.11	13.164	1.7	1.925	2.5	0.18387	1.7	0.711	1088.1	17.5	1089.8	16.4	1093	34.5	0.5
FC 70	334	172283	2.5	12.949	1.9	1.954	2.8	0.18358	2.1	0.727	1086.5	20.6	1099.8	19.1	1126	38.9	3.5
FC 71	724	1E+06	1.7	13.232	1.8	1.947	2.7	0.18689	2	0.747	1104.5	20.5	1097.3	18.1	1083	36	-2.0
FC 73	285	189979	2.46	13.227	1.9	1.931	3.3	0.1853	2.7	0.821	1095.8	26.9	1091.8	21.8	1084	37.2	-1.1
FC 74	262	392456	2.29	13.157	1.8	1.923	3.3	0.18361	2.8	0.835	1086.6	27.8	1089.2	22.3	1094	36.7	0.7
FC 75	228	113229	1.6	13.232	1.7	1.947	3	0.18694	2.4	0.811	1104.8	24.3	1097.4	19.8	1083	34.6	-2.0
FC 76	129	90357	2.4	13.136	2.4	1.956	4.3	0.18644	3.5	0.828	1102.1	35.9	1100.5	28.8	1098	48.1	-0.4
FC 77	368	361980	2.06	12.978	1.8	1.957	3.1	0.18426	2.5	0.815	1090.2	25.4	1100.8	20.9	1122	35.9	2.8
FC 78	901	349784	1.56	13.171	1.9	1.971	3	0.1884	2.3	0.766	1112.7	23.6	1105.8	20.3	1092	38.7	-1.9
FC 79	105	122095	3.37	13.022	1.9	1.934	3.5	0.18274	2.9	0.832	1081.9	28.8	1092.9	23.3	1115	38.5	3.0
FC 8	473	616773	1.8	13.173	2.7	1.963	3.7	0.18763	2.6	0.683	1108.5	26	1102.9	25.2	1092	54.8	-1.5
FC 80	88	45070	2.43	13.457	2.6	1.896	3.6	0.18517	2.6	0.71	1095.1	26	1079.8	24.2	1049	51.7	-4.4
FC 81	671	639311	1.89	13.188	1.8	1.972	2.9	0.18866	2.3	0.797	1114.1	23.9	1105.8	19.8	1090	35.5	-2.2
FC 82	200	97569	1.75	13.217	2.1	1.936	3.2	0.18562	2.4	0.743	1097.6	23.8	1093.5	21.2	1085	42.5	-1.1
FC 84	160	1E+06	2.64	13.228	2.2	1.923	3.7	0.18453	3	0.808	1091.7	29.7	1088.9	24.5	1084	43.2	-0.8
FC 86	352	946270	2.14	13.054	1.8	1.944	2.9	0.18409	2.2	0.771	1089.3	22.4	1096.2	19.4	1110	36.8	1.9
FC 87	303	880293	2.36	13.172	2.2	1.928	3.5	0.18428	2.7	0.78	1090.3	27.1	1090.9	23.2	1092	43.4	0.2
FC 9	538	444911	1.56	13.099	3	2.001	3.7	0.19021	2.2	0.583	1122.5	22.4	1116	25.2	1103	60.6	-1.7

Zircon #	Composition										Ages							% Disc.
	U (ppm)	206Pb/204Pb	U/Th	206Pb/207Pb	2σ (%)	207Pb/235U	2σ (%)	206Pb/238U	2σ (%)	Error Corr.	206Pb/238U	2σ (Ma)	207Pb/235U	2σ (Ma)	206Pb/207Pb (Ma)			
FC1 CA Run 1																		
FC1-2	317	9427	2.03	13.176	2.1	1.965	3.6	0.18789	2.9	0.813	1109.9	29.7	1103.7	24.1	####	41.7	-1.7	
FC1-3	255	17295	1.91	13.296	2.3	1.819	5.3	0.17550	4.8	0.898	1042.3	45.9	1052.4	34.8	####	47.0	2.9	
FC1-4	342	17632	1.95	13.123	2.2	1.986	3.9	0.18911	3.2	0.820	1116.6	32.9	1110.8	26.4	####	44.8	-1.5	
FC1-9	247	5489	1.73	13.526	2.2	1.899	3.1	0.18638	2.2	0.711	1101.8	22.6	1080.8	20.8	####	44.5	-6.1	
FC1-28	594	37041	1.87	13.058	1.5	1.952	2.8	0.18495	2.4	0.857	1094.0	24.5	1099.2	19.1	####	29.3	1.4	
FC1-29	716	568400	1.92	12.971	1.8	1.942	3.5	0.18280	3.0	0.859	1082.3	29.8	1095.8	23.4	####	35.6	3.6	
FC1-5	250	26456	1.51	13.085	2.2	1.919	3.9	0.18222	3.1	0.815	1079.1	31.3	1087.8	25.8	####	44.8	2.4	
FC1-10	425	34164	1.63	12.987	2.0	1.926	4.3	0.18148	3.8	0.886	1075.1	37.9	1090.1	28.9	####	40.0	4.0	
FC1-11	285	262810	2.04	12.981	2.0	1.995	3.5	0.18791	2.8	0.818	1110.1	28.9	1113.8	23.4	####	39.8	1.0	
FC1-6	731	111205	1.96	13.074	1.7	1.931	4.1	0.18315	3.7	0.913	1084.1	37.4	1091.8	27.4	####	33.5	2.1	
FC1-12	335	19230	1.90	13.338	2.2	1.891	3.8	0.18297	3.1	0.824	1083.2	31.2	1077.8	25.2	####	43.2	-1.5	
FC1-13	282	14075	2.07	13.137	2.5	1.974	4.5	0.18820	3.8	0.836	1111.6	38.6	1106.8	30.5	####	49.7	-1.3	
FC1-26	497	37389	1.88	13.122	1.7	1.854	3.1	0.17656	2.6	0.830	1048.2	25.2	1065.0	20.7	####	35.0	4.7	
FC1-14	713	47581	1.86	13.169	1.7	1.932	3.6	0.18457	3.1	0.885	1091.9	31.6	1092.1	23.8	####	33.1	0.1	
FC1-20	216	312662	1.57	13.232	1.5	1.929	3.1	0.18525	2.6	0.863	1095.6	26.6	1091.4	20.4	####	30.9	-1.2	
FC1-27	267	195211	1.82	13.129	1.6	1.951	3.3	0.18583	2.9	0.881	1098.7	29.3	1098.7	22.1	####	31.1	0.0	
FC1-17	661	40918	1.85	13.197	1.9	1.948	3.3	0.18651	2.7	0.819	1102.4	27.5	1097.7	22.2	####	38.1	-1.3	
FC1-25	174	375208	1.57	12.996	2.0	1.904	4.2	0.17954	3.7	0.877	1064.4	36.3	1082.5	28.1	####	40.5	4.9	
FC1-19	225	122465	1.60	13.099	1.4	1.893	4.4	0.17995	4.2	0.946	1066.7	41.0	1078.7	29.3	####	28.5	3.3	
FC1-15	223	36059	1.79	13.254	1.5	1.893	2.8	0.18203	2.4	0.852	1078.1	23.9	1078.6	18.7	####	29.6	0.1	
FC1-16	223	8242	1.99	13.462	1.8	1.897	3.2	0.18531	2.6	0.821	1095.9	26.2	1080.1	21.1	####	36.6	-4.5	
FC1-30	229	44061	1.78	13.067	2.0	1.960	3.2	0.18581	2.5	0.788	1098.7	25.6	1101.8	21.6	####	39.5	0.9	
FC1-24	264	21854	2.31	13.238	2.1	1.944	4.4	0.18669	3.8	0.871	1103.4	38.5	1096.3	29.3	####	43.0	-2.0	
FC1-18	206	29117	1.68	13.036	2.2	1.932	3.7	0.18278	3.0	0.800	1082.2	29.7	1092.4	25.0	####	44.8	2.8	
FC1-21	673	137397	1.82	13.129	1.4	1.965	2.9	0.18718	2.6	0.885	1106.1	26.3	1103.5	19.6	####	27.2	-0.7	
FC1-22	302	38717	2.16	13.108	1.6	1.942	3.5	0.18473	3.1	0.893	1092.8	31.5	1095.8	23.5	####	31.6	0.8	
FC1-23	169	6382	1.58	13.515	2.9	1.852	4.1	0.18166	2.9	0.701	1076.0	28.3	1064.3	26.9	####	58.7	-3.4	
FC	296	15432	1.36	13.356	2.0	1.959	2.8	0.18980	1.9	0.703	1120.3	19.9	1101.4	18.5	####	39.3	-5.3	
FC1-8	720	99262	1.83	13.040	1.9	1.945	3.4	0.18400	2.8	0.826	1088.8	28.1	1096.6	22.8	####	38.1	2.1	
FC1 CA Run 2																		
FC 1	197	55877	1.57	13.116	1.9	1.934	3.9	0.18405	3.4	0.874	1089.1	34	1092.9	25.9	1101	37.6	1.0	
FC 10	282	465080	1.36	13.058	1.7	1.952	3	0.18499	2.5	0.826	1094.2	25.1	1099.3	20.3	1109	34	1.4	
FC 11	749	427292	1.61	13.064	1.5	1.976	2.4	0.1873	1.8	0.758	1106.7	18.1	1107.3	15.9	1108	30.6	0.2	
FC 12	334	191670	1.76	13.142	2.7	1.939	3.6	0.18492	2.4	0.674	1093.8	24.3	1094.7	24.1	1097	53.1	0.2	
FC 13	295	166045	2.05	13.244	2	1.917	3	0.18425	2.3	0.762	1090.1	23.1	1087.1	20.2	1081	39.4	-0.8	
FC 14	255	154834	1.69	13.152	1.8	1.904	3.3	0.18171	2.7	0.843	1076.3	27.2	1082.5	21.7	1095	35.1	1.7	
FC 15	179	310181	1.59	13.394	2.1	1.922	3.5	0.18677	2.8	0.8	1103.8	28.1	1088.7	23.1	1059	41.8	-4.3	
FC 16	264	163699	1.5	13.286	2.3	1.941	3.7	0.18711	2.9	0.788	1105.7	29.5	1095.3	24.6	1075	45.4	-2.9	
FC 17	357	289942	1.86	13.11	2.3	1.94	3.4	0.18452	2.5	0.741	1091.6	25.2	1094.9	22.6	1102	45.4	0.9	
FC 18	767	304097	1.81	13.138	1.6	1.975	3	0.18827	2.5	0.838	1112	25.5	1107	20	1097	32.5	-1.3	
FC 19	256	91584	1.48	13.169	2.5	1.948	3.5	0.18611	2.5	0.705	1100.3	25.3	1097.7	23.8	1093	50.3	-0.7	
FC 2	108	493698	2.24	13.282	2.5	1.933	3.9	0.18628	2.9	0.758	1101.2	29.8	1092.6	26	1075	50.8	-2.4	
FC 20	756	366256	1.75	13.14	1.4	1.981	2.6	0.1889	2.1	0.836	1115.4	21.9	1109.2	17.3	1097	28	-1.7	
FC 21	432	467167	1.38	13.056	1.9	1.965	3.1	0.1861	2.5	0.793	1100.2	25	1103.4	21	1110	38.1	0.9	
FC 22	723	263972	1.56	13.16	2.1	1.98	3.4	0.18904	2.7	0.795	1116.2	28	1108.6	23.2	1094	41.7	-2.0	
FC 23	293	259893	1.66	13.201	2	1.933	3.3	0.18518	2.6	0.783	1095.2	25.8	1092.7	21.9	1088	40.7	-0.7	
FC 24	172	250468	1.51	13.233	2.2	1.907	3.5	0.18306	2.8	0.775	1083.7	27.4	1083.4	23.6	1083	45	-0.1	
FC 25	236	414658	1.61	13.101	1.9	1.948	2.9	0.18514	2.2	0.747	1095	22	1097.6	19.6	1103	39	0.7	
FC 26	506	169425	1.51	13.143	1.7	1.925	5.6	0.18356	5.4	0.954	1086.4	53.9	1089.8	37.7	1096	33.8	0.8	
FC 27	780	851547	1.8	13.108	2.3	1.942	3.4	0.18473	2.5	0.738	1092.8	25	1095.8	22.6	1102	45.5	0.9	
FC 28	651	675493	1.81	13.077	1.5	1.961	2.7	0.1861	2.2	0.82	1100.2	22.3	1102.3	18.1	1107	30.7	0.6	
FC 29	759	381713	1.83	13.231	1.3	1.951	2.6	0.18734	2.3	0.866	1107	23.2	1098.9	17.7	1083	26.4	-2.2	
FC 3	422	395195	1.99	13.01	2.1	1.946	3	0.1837	2.1	0.698	1087.1	20.9	1097.1	20.1	1117	42.9	2.7	
FC 30	220	517898	1.6	13.117	1.7	1.979	3	0.18833	2.5	0.832	1112.3	25.4	1108.3	20.2	1100	33.2	-1.1	
FC 31	138	45894	1.66	13.369	2.2	1.884	3.8	0.18273	3.1	0.81	1081.8	30.7	1075.4	25.3	1062	45	-1.8	
FC 32	475	141836	1.5	13.069	1.7	1.951	2.7	0.18503	2.1	0.783	1094.4	21.1	1098.9	18	1108	33.2	1.1	

FC 33	225	116039	1.73	13.329	1.8	1.933	3.2	0.18694	2.6	0.829	1104.8	26.8	1092.5	21.3	1068	35.8	-3.4
FC 34	128	170635	2.02	13.137	2.4	1.984	4	0.18908	3.3	0.81	1116.4	33.5	1109.9	27.2	1097	47.4	-1.7
FC 35	337	171209	1.78	13.253	1.6	1.944	3	0.1869	2.6	0.857	1104.5	26.4	1096.2	20.3	1080	31.3	-2.3
FC 36	234	8E+06	1.61	13.06	1.8	1.951	2.7	0.18487	2.1	0.77	1093.5	21.3	1098.7	18.4	1109	35	1.4
FC 37	499	1E+06	1.64	13.127	2	1.949	3	0.18563	2.3	0.757	1097.7	23.2	1098.1	20.4	1099	39.7	0.1
FC 38	115	326763	1.6	13.266	2.1	1.958	3.9	0.18848	3.2	0.833	1113.1	32.9	1101.2	25.9	1078	42.7	-3.3
FC 39	290	128002	1.73	13.122	1.9	1.922	3.3	0.183	2.7	0.821	1083.3	27.3	1088.7	22.3	1100	38.1	1.5
FC 4	222	54039	1.65	13.224	2.5	1.906	3.6	0.18291	2.6	0.708	1082.8	25.5	1083.3	24	1084	51	0.1
FC 40	808	447456	1.85	13.078	1.9	1.945	3.1	0.18457	2.5	0.793	1091.9	25	1096.7	21.1	1106	38.3	1.3
FC 41	272	168755	1.65	13.001	1.6	1.956	3.4	0.18447	3	0.879	1091.4	30.2	1100.4	23	1118	32.6	2.4
FC 42	758	1E+06	1.76	13.086	1.6	2.011	2.7	0.1909	2.2	0.809	1126.2	22.6	1119.1	18.3	1105	31.8	-1.9
FC 43	339	331325	1.68	13.109	1.9	1.985	3.1	0.18883	2.4	0.795	1115	24.9	1110.5	20.7	1102	37.1	-1.2
FC 44	252	130231	1.75	12.982	2	1.966	3.1	0.18521	2.4	0.776	1095.4	24.6	1104	21.2	1121	39.6	2.3
FC 45	294	453473	1.83	13.099	2.1	1.944	3.3	0.18479	2.6	0.777	1093.1	26	1096.5	22.3	1103	41.8	0.9
FC 46	372	107725	1.86	13.201	2.1	1.988	3.1	0.19039	2.3	0.75	1123.5	24.1	1111.3	21	1088	41.3	-3.3
FC 47	468	317162	1.42	13.128	1.9	1.937	2.9	0.18451	2.2	0.756	1091.5	22	1094	19.4	1099	37.9	0.7
FC 48	314	1E+07	1.79	13.152	2.1	1.956	3.4	0.18666	2.7	0.784	1103.2	27.2	1100.5	23	1095	42.5	-0.7
FC 49	329	71189	1.49	13.226	2.3	1.904	3.3	0.18274	2.4	0.724	1081.9	23.8	1082.5	22	1084	45.6	0.2
FC 5	772	455068	1.83	13.091	1.8	1.962	3.1	0.18638	2.5	0.821	1101.8	25.6	1102.6	20.7	1104	35.2	0.2
FC 50	260	3E+06	1.64	13.063	2.2	1.956	3.7	0.18541	3	0.814	1096.4	30.6	1100.5	25	1109	43.2	1.1
FC 51	260	399458	1.7	13.152	1.9	1.953	3	0.1864	2.4	0.783	1101.8	24.1	1099.6	20.5	1095	37.9	-0.6
FC 52	312	158650	2.37	13.284	1.2	1.94	2.1	0.187	1.7	0.814	1105.1	17.6	1095	14.3	1075	24.8	-2.8
FC 53	324	356875	1.45	13.128	2.6	1.936	4	0.18444	3.1	0.773	1091.2	31.2	1093.7	26.9	1099	51	0.7
FC 54	750	485524	1.84	13.033	1.9	1.951	2.6	0.18447	1.9	0.711	1091.3	18.9	1098.7	17.8	1113	37.2	2.0
FC 55	947	351209	1.8	13.043	1.8	1.949	2.7	0.18444	2.1	0.758	1091.2	20.9	1098.1	18.4	1112	35.7	1.8
FC 56	204	56152	1.51	13.212	2.2	1.928	3.7	0.18485	3	0.812	1093.4	30.1	1090.9	24.7	1086	43.2	-0.7
FC 57	332	1E+06	1.83	13.175	2.2	1.956	3	0.18693	2.1	0.68	1104.7	21	1100.3	20.4	1092	44.7	-1.2
FC 58	466	186365	1.54	13.07	1.9	1.94	3.3	0.18398	2.7	0.814	1088.7	26.6	1095	21.9	1108	37.9	1.7
FC 59	270	127490	1.47	13.171	2.2	1.954	3.7	0.18668	3	0.802	1103.4	30.1	1099.6	24.8	1092	44.2	-1.0
FC 6	411	232236	1.4	13.006	2	1.964	3.4	0.18531	2.8	0.809	1095.9	27.8	1103.1	23	1117	40	1.9
FC 60	284	956919	1.71	13.32	2	1.938	3.6	0.18732	3	0.839	1106.8	30.7	1094.4	24.1	1070	39.2	-3.5
FC 61	240	151844	1.63	13.194	2.1	1.976	3.6	0.18919	2.8	0.799	1117	29.1	1107.4	23.9	1089	42.7	-2.6
FC 62	267	150389	2.06	13.229	2.1	1.946	3.1	0.18681	2.3	0.74	1104.1	23	1097.1	20.6	1083	41.4	-1.9
FC 63	243	425564	1.56	13.124	1.8	1.937	3.6	0.18442	3.1	0.859	1091.1	30.7	1093.8	23.8	1099	36.4	0.8
FC 64	241	330703	1.72	13.207	2.1	1.948	3.6	0.1867	3	0.817	1103.5	30.1	1097.8	24.3	1087	41.9	-1.5
FC 65	168	250124	1.57	13.285	2.4	1.918	3.8	0.18487	3	0.784	1093.5	29.9	1087.4	25.3	1075	47.3	-1.7
FC 66	192	97607	1.61	13.106	2.2	1.936	3.6	0.18409	2.8	0.791	1089.3	28.3	1093.6	23.9	1102	43.6	1.2
FC 67	804	522897	1.77	13.019	1.6	1.993	2.8	0.18825	2.3	0.82	1111.9	23.1	1113.1	18.6	1116	31.4	0.3
FC 68	361	119554	1.84	13.259	1.6	1.929	2.9	0.18558	2.4	0.829	1097.4	24.1	1091.2	19.3	1079	32.3	-1.7
FC 69	789	364736	1.81	13.184	1.6	1.92	2.6	0.18369	2	0.788	1087.1	20.4	1088.1	17.3	1090	31.9	0.3
FC 7	287	148244	1.89	13.15	2.3	1.919	3.4	0.1831	2.6	0.752	1083.9	25.7	1087.7	22.9	1095	45.3	1.0
FC 70	291	57276	2.39	13.234	1.9	1.961	3	0.1883	2.3	0.774	1112.1	23.7	1102.2	20.2	1083	38.1	-2.7
FC 71	780	912748	1.78	13.147	2.1	1.984	3.2	0.18924	2.4	0.759	1117.2	25	1110	21.6	1096	41.7	-1.9
FC 72	438	215120	1.9	12.995	1.8	1.935	3	0.18248	2.3	0.791	1080.5	23.3	1093.4	19.8	1119	36.1	3.4
FC 73	911	2E+06	1.82	13.015	1.6	1.96	2.5	0.18512	2	0.783	1094.9	19.8	1101.9	16.9	1116	31.2	1.9
FC 74	371	111715	1.86	13.232	2.9	1.924	4.3	0.18471	3.1	0.735	1092.6	31.5	1089.4	28.5	1083	58	-0.9
FC 75	243	278333	1.79	13.206	1.7	1.926	3.2	0.18457	2.7	0.851	1091.9	27.5	1090.2	21.5	1087	33.9	-0.5
FC 76	234	235659	1.89	13.15	2.4	1.931	3.4	0.18426	2.4	0.711	1090.2	24.5	1091.9	22.9	1095	48.2	0.5
FC 77	411	263048	1.82	13.121	1.6	1.957	2.8	0.18631	2.3	0.819	1101.4	22.9	1100.9	18.6	1100	31.8	-0.1
FC 78	732	377848	1.52	13.082	1.6	1.969	2.5	0.18686	1.9	0.758	1104.3	19.2	1104.8	16.8	1106	32.6	0.1
FC 79	419	318598	1.88	13.216	2.2	1.939	3.3	0.18589	2.4	0.74	1099.1	24.5	1094.5	21.9	1085	44.1	-1.3
FC 8	357	331933	2.09	13.193	1.7	1.926	3.2	0.18434	2.7	0.841	1090.6	27.1	1090	21.5	1089	34.8	-0.2
FC 80	763	312899	1.84	13.024	1.7	1.949	2.9	0.18423	2.4	0.812	1090	23.6	1098.2	19.4	1115	33.7	2.2
FC 81	493	339839	1.49	13.062	1.6	1.964	2.9	0.1861	2.4	0.825	1100.2	24	1103.1	19.4	1109	32.4	0.8
FC 82	259	74277	1.75	13.223	2.2	1.918	3.1	0.18398	2.1	0.702	1088.7	21.5	1087.2	20.4	1084	43.6	-0.4
FC 83	953	9E+06	1.8	13.1	2.1	1.951	2.9	0.18541	2	0.694	1096.5	20.5	1098.7	19.7	1103	42.2	0.6
FC 84	215	7E+06	1.71	13.15	2.5	1.942	3.4	0.18533	2.3	0.686	1096	23.5	1095.8	22.8	1095	49.4	-0.1
FC 85	650	301211	1.84	13.089	1.3	1.961	2.3	0.1862	1.8	0.813	1100.8	18.6	1102.1	15.2	1105	26.4	0.3
FC 86	276	466426	1.7	13.037	2.6	1.943	3.9	0.18376	2.9	0.741	1087.5	29	1095.9	26.2	1113	52.3	2.2
FC 87	341	152118	1.72	13.309	1.8	1.944	3.2	0.1877	2.7	0.835	1108.9	27.2	1096.3	21.5	1071	35.4	-3.5
FC 9	775	205648	1.83	13.159	1.2	1.957	2.4	0.18689	2.1	0.857	1104.5	20.8	1100.9	16.1	1094	24.7	-1.0