

Supplemental Table S1. Protein abundance normalized at the community-level (reporter ion intensities summed from unique peptides).

Locus ID	40C	43C	46C
AILUNK_106728G0015	3.85E+06	3.93E+06	3.03E+06
AILUNK_134007G0007	7.35E+05	6.68E+05	6.31E+05
AILUNK_138887G0001	3.59E+03	3.37E+03	2.63E+03
AILUNK_15384G0001	2.57E+05	2.75E+05	2.34E+05
AILUNK_172694G0014	3.20E+06	3.87E+06	1.88E+06
AILUNK_202035G0002	1.41E+06	1.92E+06	2.28E+06
AILUNK_236846G0007	1.99E+05	1.75E+05	1.58E+05
AILUNK_253412G0042	4.50E+07	3.37E+07	2.94E+07
AILUNK_272224G0004	5.89E+06	8.54E+06	1.17E+07
AILUNK_280143G0001	2.95E+05	3.87E+05	2.93E+05
AILUNK_28806G0002	6.24E+05	6.88E+05	5.28E+05
AILUNK_295017G0001	1.13E+07	1.00E+07	5.18E+06
AILUNK_335370G0003	6.25E+05	6.91E+05	7.89E+05
AILUNK_362581G0004	1.82E+06	1.83E+06	1.91E+06
AILUNK_374355G0025	4.78E+05	4.35E+05	3.07E+05
AILUNK_377897G0002	7.33E+05	6.50E+05	4.28E+05
AILUNK_382656G0003	2.60E+07	1.53E+07	1.41E+07
AILUNK_387090G0004	1.85E+05	1.66E+05	1.80E+05
AILUNK_39059G0005	6.11E+07	4.66E+07	2.99E+07
AILUNK_456098G0037	3.89E+05	4.02E+05	4.24E+05
AILUNK_456098G0077	8.86E+06	8.52E+06	8.69E+06
AILUNK_463667G0009	1.61E+08	1.73E+08	2.95E+08
AILUNK_501179G0020	3.35E+06	5.01E+06	8.05E+06
AILUNK_502548G0115	1.12E+07	1.05E+07	8.64E+06
AILUNK_50367G0002	8.81E+06	9.10E+06	1.17E+07
AILUNK_50367G0005	6.62E+06	6.98E+06	8.82E+06
AILUNK_559076G0003	4.75E+03	4.48E+03	4.46E+03
AILUNK_587103G0024	6.67E+04	9.15E+04	0.00E+00
AILUNK_639898G0017	1.77E+06	1.56E+06	1.81E+06
AILUNK_642625G0022	3.85E+05	3.76E+05	6.12E+05
AILUNK_642625G0028	1.41E+08	1.31E+08	1.79E+08
AILUNK_65780G0003	1.41E+06	1.92E+06	2.28E+06
AILUNK_6654G0010	5.36E+06	5.94E+06	1.20E+07
AILUNK_672273G0028	1.60E+05	1.62E+05	1.14E+05
AILUNK_672273G0062	7.93E+06	8.41E+06	1.19E+07
AILUNK_707739G0002	3.36E+06	3.15E+06	2.77E+06
AILUNK_708417G0010	7.16E+04	6.11E+04	6.91E+04
AILUNK_708417G0013	2.82E+04	4.09E+04	3.27E+04
AILUNK_713676G0006	5.92E+07	5.88E+07	6.60E+07
AILUNK_714714G0012	5.05E+06	3.34E+06	3.55E+06
AILUNK_716334G0003	1.16E+06	7.74E+05	4.38E+05
AILUNK_727353G0001	2.31E+04	3.00E+04	1.84E+04
AILUNK_90588G0005	3.09E+05	3.65E+05	5.61E+05
AMDVIR_10150G0005	6.79E+05	6.77E+05	5.73E+05
C75L2_2G0020	3.54E+05	2.78E+05	2.02E+05
C75L2_37G0007	4.29E+04	4.11E+04	4.36E+04
C75L2_62G0014	9.63E+06	1.15E+07	1.54E+07
C75L2_62G0017	1.10E+07	1.16E+07	1.02E+07
C75L2_65G0006	1.34E+07	1.54E+07	1.55E+07
C75L2_68G0009	3.18E+09	4.18E+09	9.47E+09
C75L2_68G0010	6.32E+08	7.71E+08	1.78E+09
C75L2_68G0011	4.22E+07	3.89E+07	3.01E+07

C75L2_80G0001	2.60E+05	2.35E+05	3.65E+05
C75L2_82G0005	7.92E+06	1.03E+07	1.68E+07
C75L2_85G0002	1.41E+07	1.67E+07	3.09E+07
CGFER1_1G0149	6.07E+06	4.14E+06	2.36E+06
CGFER1_1G0232	1.28E+07	1.14E+07	6.49E+06
CGFER1_1G0237	8.99E+05	7.32E+05	4.40E+05
CGFER1_1G0323	3.42E+07	2.80E+07	2.05E+07
CGFER1_1G0374	1.59E+06	1.42E+06	1.17E+06
CGFER1_1G0445	8.54E+05	8.84E+05	9.22E+05
CGFER1_1G0496	4.84E+06	4.55E+06	2.18E+06
CGFER1_1G0567	4.40E+06	4.87E+06	3.10E+06
CGFER1_1G0620	3.64E+06	2.30E+06	1.37E+06
CGFER1_1G0694	4.58E+05	3.44E+05	2.52E+05
CGFER1_1G0772	5.45E+05	4.85E+05	4.14E+05
CGFER1_1G0783	8.23E+04	6.53E+04	4.88E+04
CGFER1_1G0936	3.98E+05	3.57E+05	3.45E+05
CGFER1_1G1018	5.00E+06	3.73E+06	2.23E+06
CGFER1_1G1058	7.30E+06	6.48E+06	3.66E+06
CGFER1_1G1059	6.07E+06	5.35E+06	3.42E+06
CGFER1_1G1085	3.18E+07	3.39E+07	2.32E+07
CGFER1_1G1247	1.05E+06	1.04E+06	8.43E+05
CGFER1_1G1248	1.88E+06	1.56E+06	1.22E+06
CGFER1_1G1454	1.63E+07	1.43E+07	8.61E+06
CGFER1_1G1455	3.93E+06	3.64E+06	1.22E+06
CGFER1_1G1582	2.10E+07	1.82E+07	6.53E+06
CGFER1_1G1648	5.54E+05	4.79E+05	2.99E+05
CGFER1_1G1699	2.40E+06	2.05E+06	9.44E+05
CGFER1_1G1700	1.53E+07	1.21E+07	5.97E+06
CGFER2_10G0053	5.59E+06	5.82E+06	3.88E+06
CGFER2_10G0056	1.10E+06	6.80E+05	3.49E+05
CGFER2_15G0041	1.07E+06	8.13E+05	8.32E+05
CGFER2_19G0044	3.39E+06	3.95E+06	2.08E+06
CGFER2_1G0130	1.89E+07	2.36E+07	3.32E+07
CGFER2_285G0001	7.92E+06	8.24E+06	5.78E+06
CGFER2_31G0009	1.63E+07	1.36E+07	1.19E+07
CGFER2_31G0032	7.24E+05	9.97E+05	3.30E+05
CGFER2_37G0033	8.98E+06	1.06E+07	8.26E+06
CGFER2_801G0004	3.43E+05	2.64E+05	1.54E+05
CGFER2_89G0022	3.65E+07	4.76E+07	4.36E+07
CGFER2_9G0016	3.99E+06	5.48E+06	3.01E+06
CGL2_09769G0002	7.67E+06	1.01E+07	2.04E+07
CGL2_10665G0001	3.52E+07	3.50E+07	3.83E+07
CGL2_10850G0015	2.06E+07	1.51E+07	7.30E+06
CGL2_10933G0004	6.83E+05	7.32E+05	8.19E+05
CGL2_10933G0008	1.17E+07	1.03E+07	6.53E+06
CGL2_10933G0018	4.15E+07	3.70E+07	1.57E+07
CGL2_10933G0023	3.42E+06	2.45E+06	1.55E+06
CGL2_10933G0028	3.21E+05	2.97E+05	2.56E+05
CGL2_10954G0002	5.51E+06	4.45E+06	9.88E+05
CGL2_10954G0003	1.39E+07	1.11E+07	3.06E+06
CGL2_10961G0021	1.30E+06	1.25E+06	7.13E+05
CGL2_10961G0028	2.25E+06	3.20E+06	5.18E+06
CGL2_10961G0029	8.70E+06	8.13E+06	4.89E+06
CGL2_10961G0052	1.55E+07	1.27E+07	4.98E+06
CGL2_10961G0058	3.03E+06	2.81E+06	2.56E+06
CGL2_10965G0024	2.16E+06	2.25E+06	1.20E+06
CGL2_11067G0001	5.08E+07	4.44E+07	2.26E+07

CGL2_11067G0001.1	1.09E+07	8.99E+06	2.40E+06
CGL2_11067G0002	3.72E+06	3.42E+06	1.50E+06
CGL2_11067G0003	6.79E+07	6.09E+07	1.83E+07
CGL2_11067G0010	4.89E+07	4.68E+07	1.44E+07
CGL2_11067G0021	1.71E+07	1.41E+07	2.26E+06
CGL2_11067G0024	1.94E+06	1.69E+06	7.22E+05
CGL2_11067G0033	1.73E+07	1.49E+07	6.53E+06
CGL2_11067G0037	4.14E+07	3.58E+07	1.24E+07
CGL2_11067G0038	2.19E+07	1.89E+07	6.68E+06
CGL2_11067G0040	6.15E+05	5.95E+05	2.04E+05
CGL2_11068G0022	5.48E+05	4.62E+05	2.10E+05
CGL2_11068G0024	4.43E+06	3.62E+06	2.15E+06
CGL2_11068G0029	4.53E+05	4.19E+05	4.73E+05
CGL2_11068G0031	3.71E+06	3.22E+06	1.85E+06
CGL2_11068G0036	2.51E+06	2.05E+06	7.57E+05
CGL2_11068G0070	1.55E+05	1.47E+05	1.58E+05
CGL2_11068G0072	9.28E+06	7.57E+06	2.64E+06
CGL2_11068G0075	1.71E+05	1.41E+05	6.04E+04
CGL2_11068G0090	6.96E+07	6.86E+07	2.06E+07
CGL2_11068G0092	9.59E+06	8.55E+06	8.47E+06
CGL2_11068G0114	1.88E+07	1.60E+07	4.93E+06
CGL2_11068G0116	1.92E+06	1.86E+06	4.23E+05
CGL2_11068G0117	2.73E+06	2.33E+06	5.44E+05
CGL2_11068G0120	2.01E+07	1.51E+07	3.86E+06
CGL2_11068G0123	2.09E+07	1.73E+07	4.75E+06
CGL2_11077G0020	5.59E+06	5.36E+06	1.16E+06
CGL2_11077G0025	4.20E+05	3.73E+05	3.09E+05
CGL2_11077G0032	6.17E+05	5.13E+05	3.19E+05
CGL2_11080G0001	1.65E+07	1.41E+07	2.63E+06
CGL2_11111G0014	3.12E+06	2.84E+06	1.43E+06
CGL2_11111G0030	5.37E+06	4.85E+06	2.90E+06
CGL2_11111G0036	9.32E+06	8.36E+06	3.88E+06
CGL2_11111G0037	2.30E+06	2.47E+06	2.59E+06
CGL2_11111G0043	2.97E+06	2.79E+06	1.24E+06
CGL2_11111G0050	1.19E+06	1.14E+06	1.31E+06
CGL2_11111G0051	2.27E+06	2.31E+06	2.29E+06
CGL2_11111G0065	7.03E+06	6.71E+06	1.56E+06
CGL2_11111G0079	3.75E+06	3.39E+06	1.33E+06
CGL2_11111G0093	4.72E+06	4.28E+06	3.01E+06
CGL2_11111G0095	3.13E+06	2.71E+06	9.52E+05
CGL2_11111G0099	4.69E+07	3.88E+07	6.98E+06
CGL2_11111G0103	3.13E+07	2.62E+07	7.31E+06
CGL2_11111G0105	7.07E+05	6.80E+05	4.62E+05
CGL2_11111G0107	4.07E+06	3.40E+06	7.48E+05
CGL2_11111G0109	3.09E+06	2.87E+06	8.41E+05
CGL2_11111G0110	3.70E+05	3.99E+05	2.37E+05
CGL2_11172G0001	1.07E+07	8.08E+06	3.12E+06
CGL2_11172G0022	8.41E+06	8.11E+06	3.81E+06
CGL2_11172G0029	1.25E+06	1.15E+06	8.76E+05
CGL2_11172G0034	3.05E+06	2.68E+06	1.13E+06
CGL2_11172G0052	3.41E+06	3.05E+06	1.43E+06
CGL2_11172G0055	8.66E+07	6.76E+07	1.29E+07
CGL2_11172G0060	8.64E+05	7.76E+05	5.66E+05
CGL2_11172G0061	1.50E+07	1.25E+07	4.13E+06
CGL2_11172G0073	2.37E+07	2.18E+07	3.29E+06
CGL2_11181G0004	1.14E+06	1.01E+06	6.23E+05
CGL2_11181G0006	3.11E+05	3.83E+05	5.63E+05

CGL2_11181G0025	2.06E+08	2.09E+08	2.93E+07
CGL2_11181G0031	4.05E+06	3.59E+06	1.78E+06
CGL2_11181G0032	2.09E+06	1.94E+06	1.48E+06
CGL2_11181G0033	8.54E+06	7.55E+06	4.41E+06
CGL2_11181G0046	5.98E+05	5.99E+05	3.59E+05
CGL2_11181G0048	1.16E+06	1.10E+06	1.06E+06
CGL2_11181G0052	5.75E+06	4.97E+06	2.00E+06
CGL2_11181G0059	3.52E+05	3.14E+05	2.05E+05
CGL2_11181G0069	4.15E+07	3.64E+07	1.12E+07
CGL2_11184G0005	2.39E+06	2.10E+06	8.40E+05
CGL2_11184G0023	3.06E+06	2.82E+06	5.17E+05
CGL2_11184G0033	4.36E+06	4.43E+06	1.29E+06
CGL2_11184G0047	1.39E+07	1.04E+07	2.92E+06
CGL2_11184G0053	4.71E+06	4.31E+06	2.44E+06
CGL2_11195G0004	2.66E+06	2.45E+06	2.58E+06
CGL2_11195G0006	4.25E+06	4.32E+06	4.57E+06
CGL2_11195G0010	6.12E+06	5.42E+06	5.60E+06
CGL2_11195G0013	1.66E+07	1.67E+07	1.68E+07
CGL2_11195G0016	3.09E+05	3.15E+05	3.01E+05
CGL2_11195G0021	6.42E+06	6.62E+06	5.78E+06
CGL2_11195G0037	2.75E+06	2.71E+06	3.21E+06
CGL2_11195G0040	6.97E+05	7.62E+05	8.20E+05
CGL2_11212G0002	2.11E+07	1.62E+07	4.48E+06
CGL2_11212G0003	8.23E+07	6.85E+07	9.48E+06
CGL2_11212G0007	3.29E+06	2.81E+06	1.26E+06
CGL2_11212G0018	1.27E+07	1.05E+07	5.90E+06
CGL2_11212G0022	7.65E+07	6.07E+07	2.92E+07
CGL2_11212G0031	9.96E+07	7.59E+07	2.20E+07
CGL2_11212G0046	1.09E+06	9.48E+05	5.62E+05
CGL2_11212G0054	1.08E+07	1.00E+07	5.10E+06
CGL2_11212G0068	2.42E+06	1.85E+06	5.76E+05
CGL2_11212G0079	1.08E+07	9.63E+06	3.32E+06
CGL2_11212G0083	6.73E+06	6.12E+06	2.86E+06
CGL2_11212G0085	1.24E+07	1.08E+07	1.53E+06
CGL2_11212G0088	4.69E+05	4.36E+05	3.15E+05
CGL2_11212G0111	1.84E+06	1.64E+06	7.59E+05
CGL2_11212G0117	2.41E+07	1.89E+07	4.91E+06
CGL2_11212G0121	1.05E+06	1.76E+06	3.49E+06
CGL2_11212G0134	9.24E+05	9.51E+05	5.59E+05
CGL2_11212G0140	1.69E+06	1.56E+06	6.22E+05
CGL2_11212G0141	6.41E+05	6.21E+05	3.76E+05
CGL2_11226G0017	1.35E+06	1.16E+06	1.09E+06
CGL2_11233G0046	3.93E+07	3.67E+07	9.25E+06
CGL2_11233G0057	2.91E+07	2.48E+07	2.75E+07
CGL2_11233G0062	2.76E+06	2.46E+06	6.88E+05
CGL2_11233G0063	1.07E+07	9.49E+06	6.07E+06
CGL2_11233G0064	3.55E+07	3.03E+07	8.28E+06
CGL2_11238G0030	8.41E+05	7.62E+05	3.20E+05
CGL2_11238G0040	6.28E+05	5.14E+05	3.01E+05
CGL2_11238G0068	1.08E+06	8.62E+05	2.93E+05
CGL2_11238G0069	3.01E+06	2.69E+06	1.96E+06
CGL2_11247G0020	1.33E+06	1.36E+06	3.77E+05
CGL2_11247G0021	1.17E+06	1.03E+06	3.78E+05
CGL2_11247G0023	1.19E+06	1.13E+06	9.04E+05
CGL2_11276G0050	5.52E+07	5.03E+07	2.98E+07
CGL2_11276G0067	1.86E+06	1.74E+06	9.74E+05
CGL2_11276G0073	1.06E+06	9.45E+05	5.33E+05

CGL2_11276G0088	6.34E+06	5.87E+06	2.49E+06
CGL2_11276G0099	6.67E+05	5.99E+05	4.42E+05
CGL2_11276G0100	2.03E+06	1.68E+06	5.81E+05
CGL2_11276G0110	1.35E+06	1.15E+06	6.00E+05
CGL2_11276G0111	1.22E+07	1.11E+07	5.28E+06
CGL2_11276G0149	4.23E+06	4.22E+06	4.28E+06
CGL2_11276G0155	2.24E+06	1.29E+06	4.80E+05
CGL2_11276G0156	6.70E+06	6.87E+06	6.45E+06
CGL2_11276G0159	1.66E+06	1.52E+06	1.08E+06
CGL2_11276G0172	1.14E+08	1.14E+08	2.28E+07
CGL2_11276G0191	1.90E+06	2.05E+06	1.67E+06
CGL2_11277G0024	7.28E+06	7.07E+06	3.28E+06
CGL2_11277G0031	1.26E+06	1.10E+06	8.89E+05
CGL2_11277G0032	1.24E+06	1.14E+06	5.84E+05
CGL2_11277G0054	2.67E+07	2.74E+07	1.08E+07
CGL2_11277G0057	1.77E+06	1.66E+06	1.22E+06
CGL2_11277G0085	1.94E+06	1.96E+06	8.44E+05
CGL2_11277G0088	5.51E+05	5.18E+05	2.57E+05
CGL2_11277G0089	6.50E+06	6.36E+06	1.93E+06
CGL2_11277G0094	3.29E+06	3.36E+06	3.19E+06
CGL2_11277G0101	1.61E+06	1.38E+06	1.13E+06
CGL2_11277G0104	1.23E+06	1.23E+06	9.60E+05
CGL2_11277G0121	4.58E+06	4.56E+06	4.99E+06
CGL2_11277G0132	5.43E+05	5.66E+05	6.41E+05
CGL2_11277G0232	5.41E+06	5.04E+06	3.18E+06
CGL2_11277G0246	5.61E+06	4.78E+06	9.45E+05
CGL2_11277G0248	9.41E+06	9.14E+06	3.65E+06
CGL2_11277G0252	3.82E+06	3.39E+06	3.18E+06
CGL2_11277G0285	4.00E+06	3.60E+06	2.93E+06
CGL2_11277G0292	3.36E+06	3.23E+06	1.67E+06
CGL2_11277G0295	1.07E+06	9.65E+05	7.44E+05
CGL2_11346G0031	5.19E+05	5.62E+05	6.98E+05
CGL2_11346G0047	8.18E+05	8.01E+05	6.79E+05
CGL2_11346G0064	1.03E+06	9.31E+05	7.14E+05
CGL2_11346G0077	4.38E+06	4.04E+06	1.41E+06
CGL2_11346G0078	2.61E+06	2.38E+06	1.21E+06
CGL2_11346G0080	4.05E+07	3.37E+07	1.35E+07
CGL2_11346G0081	2.46E+06	2.08E+06	6.64E+05
CGL2_11346G0083	3.18E+05	3.33E+05	3.19E+05
CGL2_11346G0088	4.57E+07	3.74E+07	1.07E+07
CGL2_11346G0126	1.28E+07	1.18E+07	1.06E+07
CGL2_11346G0132	7.34E+06	6.50E+06	7.15E+06
CGL2_11346G0135	1.27E+07	1.16E+07	5.52E+06
CGL2_11346G0155	9.61E+05	8.05E+05	2.57E+05
CGL2_11346G0173	7.79E+05	5.34E+05	3.03E+05
CGL2_11364G0001	3.56E+06	3.15E+06	3.16E+06
CGL2_11364G0007	6.02E+06	6.81E+06	8.55E+06
CGL2_11364G0008	2.78E+06	2.93E+06	3.59E+06
CGL2_11364G0013	7.71E+06	7.76E+06	8.08E+06
CGL2_11364G0020	2.29E+07	2.30E+07	2.49E+07
CGL2_11364G0027	5.55E+05	5.19E+05	5.48E+05
CGL2_11364G0029	1.55E+06	1.60E+06	1.69E+06
CGL2_11386G0002	6.72E+06	5.19E+06	9.41E+05
CGL2_11386G0004	1.25E+07	1.00E+07	6.02E+06
CGL2_11386G0008	1.40E+07	1.52E+07	1.84E+07
CGL2_11386G0018	5.34E+05	5.27E+05	5.78E+05
CGL2_11389G0010	6.33E+06	5.28E+06	2.06E+06

CGL2_11389G0022	1.59E+07	1.61E+07	1.57E+07
CGL2_11389G0034	8.25E+06	7.28E+06	3.07E+06
CGL2_11390G0019	2.29E+06	2.46E+06	1.03E+06
CGL2_11390G0021	6.58E+06	5.89E+06	2.42E+06
CGL2_11390G0033	4.61E+06	4.15E+06	1.94E+06
CGL2_11390G0035	1.05E+06	8.82E+05	5.86E+05
CGL2_11391G0003	1.21E+06	1.22E+06	7.37E+05
FWFARIM_1163G02507	2.38E+06	2.40E+06	2.08E+06
FWFARIM_1493G03013	1.44E+08	1.31E+08	1.55E+08
FWFARIM_1493G03055	9.21E+05	7.78E+05	5.66E+05
FWFARIM_2183G04096	1.27E+06	1.41E+06	1.00E+06
FWFARIM_2336G04516	1.99E+06	2.10E+06	2.42E+06
FWFARIM_236G00625	1.04E+06	9.38E+05	9.53E+05
FWFARIM_2410G04858	3.32E+05	3.41E+05	2.69E+05
FWFARIM_250G00713	8.78E+04	5.90E+04	5.96E+04
FWFARIM_2517G05178	4.29E+06	4.22E+06	8.76E+06
FWFARIM_2698G05571	6.14E+04	6.21E+04	3.98E+06
FWFARIM_2823G05914	1.63E+06	2.01E+06	1.48E+06
FWFARIM_2857G06087	5.83E+05	6.08E+05	5.74E+05
FWFARIM_2936G06288	2.46E+06	2.49E+06	2.36E+06
FWFARIM_3186G06715	2.72E+05	2.62E+05	2.44E+05
FWFARIM_323G00842	9.98E+06	1.15E+07	1.35E+07
FWFARIM_3818G07773	2.48E+06	1.72E+06	1.37E+06
FWFARIM_3837G07807	1.48E+06	1.16E+06	7.74E+05
FWFARIM_3837G07835	4.59E+05	4.37E+05	3.18E+05
FWFARIM_3845G07843	1.26E+07	1.40E+07	1.25E+07
FWFARIM_4081G08244	7.66E+05	6.78E+05	5.04E+05
FWFARIM_4238G08633	1.54E+06	1.37E+06	6.44E+05
FWFARIM_4322G08695	9.43E+05	9.62E+05	1.06E+06
FWFARIM_4393G08822	5.11E+06	4.22E+06	2.87E+06
FWFARIM_4586G09067	1.83E+07	1.62E+07	2.57E+07
FWFARIM_4776G09238	9.06E+06	9.51E+06	1.41E+07
FWFARIM_4781G09259	1.29E+06	1.22E+06	2.67E+06
FWFARIM_5364G10317	2.50E+07	2.58E+07	3.24E+07
FWFARIM_684G01454	4.35E+08	3.82E+08	3.10E+08
FWFDPL_26G0068	1.13E+06	1.04E+06	8.61E+05
FWFDPL_344.0G0059	2.49E+07	2.96E+07	2.27E+07
FWFDPL_38G0025	6.55E+05	7.59E+05	3.52E+05
FWFDPL_611.0G0011	1.22E+05	1.03E+05	9.05E+04
FWFDPL_611.0G0018	6.38E+04	7.58E+04	9.81E+04
FWFDPL_63.1G0026	3.09E+06	1.74E+06	5.32E+05
FWFSBA3_20.10831.23G00	1.51E+06	1.44E+06	9.80E+05
FWFSBA3_215.125499.24C	3.95E+06	3.15E+06	1.73E+06
FWFSBA3_337.110077.23C	9.22E+07	1.14E+08	1.33E+08
FWFSBA3_50.49185.22G00	8.86E+06	8.52E+06	8.69E+06
FWFSBA3_50.49185.22G00	5.94E+06	6.94E+06	1.26E+07
FWFSBA3_79.87816.23G00	4.06E+06	3.87E+06	3.82E+06
S4JAP2_3592G0002	2.43E+05	3.15E+05	3.84E+05
S4JAPL_00061G0002	8.50E+06	1.14E+07	2.12E+07
S4JAPL_00061G0003	1.25E+06	1.40E+06	1.84E+06
S4JAPL_00061G0005	1.09E+06	1.04E+06	1.41E+06
S4JAPL_00109G0001	1.83E+05	1.57E+05	1.36E+05
S4JAPL_00223G0002	9.50E+06	1.20E+07	2.20E+07
S4JAPL_00325G0005	8.83E+06	1.06E+07	1.70E+07
S4JAPL_00325G0007	5.84E+06	6.95E+06	1.18E+07
S4JAPL_00457G0002	1.40E+06	1.56E+06	2.78E+06
S4JAPL_00548G0004	3.78E+05	4.42E+05	6.91E+05

S4JAPL_00711G0005	1.57E+07	1.84E+07	1.33E+07
S4JAPL_12840G0002	8.48E+06	1.01E+07	1.97E+07
S4JAPL_13214G0002	1.95E+06	2.59E+06	3.71E+06
S4JAPL_13214G0006	8.10E+06	9.46E+06	1.51E+07
S4JAPL_13214G0011	6.38E+06	8.74E+06	1.66E+07
S4JAPL_13214G0013	1.44E+07	2.30E+07	5.30E+07
S4JAPL_13214G0036	9.67E+06	1.10E+07	1.67E+07
S4JAPL_13214G0037	2.72E+05	2.75E+05	3.04E+05
S4JAPL_13214G0061	4.61E+06	5.17E+06	9.16E+06
S4JAPL_14887G0056	2.39E+05	2.22E+05	1.88E+05
S4JAPL_14887G0067	1.09E+06	1.44E+06	2.93E+06
S4JAPL_17068G0006	1.30E+07	1.55E+07	2.23E+07
S4JAPL_17068G0007	2.45E+06	2.71E+06	4.47E+06
S4JAPL_17068G0014	1.49E+06	1.90E+06	3.19E+06
S4JAPL_17068G0040	2.72E+06	3.17E+06	5.17E+06
S4JAPL_17068G0074	4.67E+05	4.65E+05	7.09E+05
S4JAPL_17068G0084	3.42E+06	3.86E+06	6.31E+06
S4JAPL_17087G0010	1.13E+07	1.40E+07	2.23E+07
S4JAPL_17087G0068	2.11E+06	2.83E+06	5.74E+06
S4JAPL_17112G0007	5.74E+06	6.25E+06	1.17E+07
S4JAPL_17112G0030	3.01E+07	3.50E+07	5.43E+07
S4JAPL_17112G0033	9.87E+05	1.13E+06	2.04E+06
S4JAPL_17112G0048	2.39E+06	3.06E+06	6.43E+06
S4JAPL_17112G0049	7.02E+06	8.20E+06	1.50E+07
S4JAPL_17112G0054	4.92E+07	6.12E+07	1.30E+08
S4JAPL_17112G0056	5.15E+05	6.54E+05	1.12E+06
S4JAPL_17112G0057	1.42E+07	1.95E+07	3.80E+07
S4JAPL_17112G0058	3.81E+06	3.61E+06	4.28E+06
S4JAPL_17298G0006	1.76E+06	2.47E+06	5.03E+06
S4JAPL_17298G0042	1.29E+06	1.52E+06	3.53E+06
S4JAPL_17298G0047	8.81E+06	9.87E+06	2.16E+07
S4JAPL_17298G0069	8.76E+05	1.02E+06	2.15E+06
S4JAPL_17298G0100	2.10E+07	2.80E+07	5.90E+07
S4JAPL_17357G0009	6.06E+05	6.47E+05	1.12E+06
S4JAPL_17357G0067	4.96E+05	6.95E+05	1.16E+06
S4JAPL_17357G0081	1.54E+06	1.54E+06	9.93E+05
S4JAPL_17357G0084	2.30E+06	3.07E+06	5.56E+06
S4JAPL_17357G0091	9.82E+06	1.26E+07	2.54E+07
S4JAPL_17387G0015	2.12E+06	2.67E+06	4.03E+06
S4JAPL_17393G0006	3.09E+07	4.21E+07	9.92E+07
S4JAPL_17393G0010	1.36E+07	9.76E+06	8.01E+06
S4JAPL_17393G0038	7.14E+05	9.40E+05	1.59E+06
S4JAPL_17428G0006	1.34E+06	1.17E+06	1.05E+06
S4JAPL_17428G0007	5.51E+06	7.29E+06	1.93E+07
S4JAPL_17428G0033	5.62E+06	6.23E+06	1.16E+07
S4JAPL_17428G0038	1.65E+07	1.89E+07	3.34E+07
S4JAPL_17433G0002	1.82E+06	1.87E+06	2.95E+06
S4JAPL_17433G0003	2.06E+06	2.35E+06	4.27E+06
S4JAPL_17433G0013	3.29E+06	3.76E+06	6.93E+06
S4JAPL_17433G0048	2.65E+07	3.77E+07	8.34E+07
S4JAPL_17433G0051	4.33E+06	5.33E+06	8.56E+06
S4JAPL_17433G0052	2.62E+06	3.70E+06	8.19E+06
S4JAPL_17439G0019	2.66E+05	2.90E+05	5.67E+05
S4JAPL_17439G0022	3.67E+06	4.86E+06	9.15E+06
S4JAPL_17442G0009	5.72E+06	6.18E+06	9.97E+06
S4JAPL_17445G0044	3.98E+06	4.97E+06	8.08E+06
S4JAPL_17449G0028	1.06E+07	1.07E+07	1.07E+07

S4JAPL_17462G0024	1.21E+07	1.50E+07	3.44E+07
S4JAPL_17472G0021	1.70E+05	1.96E+05	3.22E+05
S4JAPL_17472G0025	3.00E+05	3.48E+05	5.30E+05
S4JAPL_17472G0039	3.56E+06	4.76E+06	9.63E+06
S4JAPL_17472G0048	1.03E+07	1.04E+07	1.30E+07
S4JAPL_17481G0003	2.71E+06	3.74E+06	8.30E+06
S4JAPL_17498G0008	7.79E+06	8.36E+06	9.40E+06
S4JAPL_17500G0036	7.71E+06	9.16E+06	1.67E+07
S4JAR1_115G0003	8.33E+05	9.55E+05	1.20E+06
S4JAR1_121G0022	8.67E+05	9.98E+05	1.72E+06
S4JAR1_188G0018	2.84E+06	1.68E+06	1.04E+06
S4JAR1_23G0007	1.07E+04	1.22E+04	1.07E+04
S4JAR1_23G0104	7.77E+06	7.43E+06	8.08E+06
S4JAR1_63G0002	9.92E+05	7.89E+05	7.85E+05
S4JCPL_00021G0014	1.06E+07	1.07E+07	1.07E+07
S4JCPL_00049G0061	1.93E+06	1.74E+06	1.67E+06
S4JCPL_00118G0032	7.63E+06	6.00E+06	4.55E+06
S4JCPL_00137G0012	1.03E+07	1.45E+07	1.61E+07
UBABSL4_10312G0003	1.14E+05	9.07E+04	9.57E+04
UBABSL4_10765G0001	1.63E+06	1.49E+06	1.54E+06
UBABSL4_11135G0002	2.02E+07	1.86E+07	1.54E+07
UBABSL4_11218G0003	9.65E+06	8.14E+06	6.50E+06
UBABSL4_11504G0002	1.54E+05	1.57E+05	1.47E+05
UBABSL4_11601G0010	5.35E+03	6.67E+05	5.39E+03
UBABSL4_11601G0014	9.09E+05	1.15E+06	1.36E+06
UBABSL4_11671G0001	1.17E+07	1.17E+07	1.04E+07
UBABSL4_11756G0004	2.51E+07	2.34E+07	2.24E+07
UBABSL4_11853G0009	3.20E+05	3.08E+05	2.71E+05
UBABSL4_12078G0002	1.16E+07	1.10E+07	8.51E+06
UBABSL4_12165G0003	3.21E+06	3.34E+06	3.17E+06
UBABSL4_12259G0011	1.02E+08	1.03E+08	1.09E+08
UBABSL4_12259G0014	8.19E+06	7.87E+06	4.62E+06
UBABSL4_12862G0001	3.44E+06	3.51E+06	3.86E+06
UBABSL4_2194G0001	8.25E+05	7.85E+05	4.89E+05
UBABSL4_3115G0001	2.54E+05	1.98E+05	2.51E+05
UBABSL4_3335G0012	3.11E+06	3.24E+06	2.43E+06
UBABSL4_3478G0006	1.26E+06	1.57E+06	2.14E+06
UBABSL4_3895G0005	8.35E+06	9.12E+06	8.14E+06
UBABSL4_4347G0006	9.09E+07	8.32E+07	5.69E+07
UBABSL4_7009G0008	1.04E+07	9.43E+06	8.21E+06
UBABSL4_7131G0001	4.71E+05	4.47E+05	6.05E+05
UBABSL4_8849G0007	1.43E+06	1.36E+06	8.88E+05
UBABSL4_9211G0003	4.80E+06	4.67E+06	3.72E+06
UBABSL4_9214G0008	1.22E+06	1.09E+06	7.08E+05
UBABSL4_9408G0002	1.54E+06	1.40E+06	1.09E+06
UBAL2_7931G0011	3.81E+05	4.71E+05	5.10E+05
UBAL2_7931G0042	1.10E+06	9.55E+05	1.87E+06
UBAL2_7931G0054	8.01E+05	7.69E+05	1.21E+06
UBAL2_7931G0064	5.43E+05	6.73E+05	5.91E+05
UBAL2_7931G0071	3.20E+06	4.09E+06	8.34E+06
UBAL2_7931G0159	4.53E+06	5.50E+06	6.96E+06
UBAL2_7931G0167	3.17E+06	2.72E+06	1.69E+06
UBAL2_7931G0171	1.56E+06	1.51E+06	1.63E+06
UBAL2_7931G0176	1.31E+06	1.49E+06	1.73E+06
UBAL2_7931G0191	3.02E+06	2.57E+06	4.53E+06
UBAL2_7931G0208	6.87E+06	8.89E+06	1.93E+07
UBAL2_7931G0212	2.00E+06	2.39E+06	3.99E+06

UBAL2_7931G0218	4.04E+05	4.50E+05	9.64E+05
UBAL2_7931G0226	3.42E+07	4.51E+07	1.07E+08
UBAL2_7931G0227	1.43E+06	1.01E+06	9.12E+05
UBAL2_7931G0247	2.94E+06	4.06E+06	8.19E+06
UBAL2_7931G0249	2.89E+06	3.96E+06	6.65E+06
UBAL2_7931G0253	1.81E+07	2.26E+07	4.28E+07
UBAL2_7931G0256	3.90E+07	4.53E+07	4.76E+07
UBAL2_7931G0268	1.64E+05	1.46E+05	1.78E+05
UBAL2_7931G0321	3.36E+06	3.78E+06	6.08E+06
UBAL2_7931G0329	2.84E+05	2.75E+05	5.91E+05
UBAL2_7931G0335	1.24E+07	1.46E+07	3.03E+07
UBAL2_7931G0341	2.64E+06	2.72E+06	2.21E+06
UBAL2_7931G0357	1.32E+07	1.54E+07	2.86E+07
UBAL2_7931G0444	1.60E+05	1.57E+05	5.41E+05
UBAL2_7931G0446	7.20E+05	8.17E+05	2.65E+06
UBAL2_8027G0014	1.13E+06	1.08E+06	1.78E+06
UBAL2_8027G0019	4.68E+05	5.64E+05	1.25E+06
UBAL2_8027G0031	3.87E+07	4.46E+07	1.06E+08
UBAL2_8027G0041	1.70E+06	1.64E+06	2.39E+06
UBAL2_8049G0022	2.36E+06	2.70E+06	5.92E+06
UBAL2_8049G0027	1.47E+05	1.44E+05	1.37E+05
UBAL2_8049G0028	8.63E+05	7.30E+05	9.57E+05
UBAL2_8049G0034	9.90E+05	1.01E+06	1.38E+06
UBAL2_8049G0047	6.34E+05	6.28E+05	1.00E+06
UBAL2_8049G0051	3.83E+06	3.66E+06	4.22E+06
UBAL2_8049G0065	1.23E+07	1.16E+07	1.08E+07
UBAL2_8049G0070	2.63E+06	2.78E+06	4.07E+06
UBAL2_8049G0071	3.89E+06	4.34E+06	8.00E+06
UBAL2_8049G0077	4.85E+06	3.53E+06	3.06E+06
UBAL2_8049G0087	2.48E+06	3.18E+06	6.53E+06
UBAL2_8049G0099	2.01E+06	2.64E+06	4.76E+06
UBAL2_8049G0366	1.53E+06	1.59E+06	3.58E+06
UBAL2_8049G0395	1.11E+06	1.16E+06	2.89E+06
UBAL2_8062G0006	3.34E+05	3.53E+05	7.93E+05
UBAL2_8062G0010	4.68E+05	5.54E+05	8.31E+05
UBAL2_8062G0017	1.48E+06	1.47E+06	1.88E+06
UBAL2_8062G0020	2.24E+06	2.31E+06	4.82E+06
UBAL2_8062G0038	2.09E+07	2.59E+07	7.22E+07
UBAL2_8062G0072	1.97E+07	2.34E+07	5.05E+07
UBAL2_8062G0114	1.23E+06	1.36E+06	2.09E+06
UBAL2_8062G0149	8.04E+06	9.83E+06	1.92E+07
UBAL2_8062G0152	7.17E+06	6.46E+06	7.45E+06
UBAL2_8062G0157	3.76E+06	3.99E+06	6.95E+06
UBAL2_8062G0158	9.84E+06	8.97E+06	7.46E+06
UBAL2_8062G0172	2.60E+06	4.46E+06	1.09E+07
UBAL2_8062G0194	2.28E+07	3.40E+07	8.65E+07
UBAL2_8062G0197	1.41E+06	1.82E+06	3.22E+06
UBAL2_8062G0198	4.33E+06	4.02E+06	4.74E+06
UBAL2_8062G0199	3.18E+05	3.33E+05	3.19E+05
UBAL2_8062G0202	1.98E+07	2.58E+07	5.42E+07
UBAL2_8062G0218	2.45E+06	3.02E+06	6.21E+06
UBAL2_8062G0219	6.38E+06	8.78E+06	2.46E+07
UBAL2_8062G0225	1.36E+06	1.62E+06	2.71E+06
UBAL2_8062G0230	1.99E+06	2.09E+06	2.68E+06
UBAL2_8062G0236	8.61E+05	9.88E+05	1.76E+06
UBAL2_8062G0244	7.79E+06	1.26E+07	2.56E+07
UBAL2_8062G0247	1.95E+06	2.03E+06	2.73E+06

UBAL2_8135G0009	3.30E+06	5.18E+06	8.52E+06
UBAL2_8135G0020	1.05E+06	1.05E+06	1.44E+06
UBAL2_8135G0042	1.26E+06	1.37E+06	1.83E+06
UBAL2_8135G0062	3.87E+06	4.76E+06	9.17E+06
UBAL2_8135G0082	9.72E+05	1.19E+06	2.26E+06
UBAL2_8135G0083	1.48E+06	1.44E+06	2.79E+06
UBAL2_8135G0092	1.24E+06	1.09E+06	1.30E+06
UBAL2_8135G0101	2.06E+06	2.26E+06	3.95E+06
UBAL2_8135G0106	2.05E+07	2.71E+07	4.87E+07
UBAL2_8241G0006	3.83E+06	4.39E+06	6.23E+06
UBAL2_8241G0010	1.60E+06	1.59E+06	2.17E+06
UBAL2_8241G0076	3.58E+06	4.49E+06	2.17E+07
UBAL2_8241G0077	1.20E+06	1.42E+06	3.10E+06
UBAL2_8241G0084	1.99E+06	2.05E+06	3.35E+06
UBAL2_8241G0089	6.88E+05	6.59E+05	6.58E+05
UBAL2_8241G0092	5.23E+05	5.22E+05	1.47E+06
UBAL2_8241G0149	6.48E+07	6.48E+07	2.27E+07
UBAL2_8241G0182	1.07E+06	1.20E+06	5.19E+06
UBAL2_8241G0196	2.00E+06	1.72E+06	5.57E+06
UBAL2_8241G0229	1.98E+06	2.06E+06	2.65E+06
UBAL2_8241G0230	1.24E+06	2.10E+06	5.50E+06
UBAL2_8241G0232	1.57E+06	1.68E+06	3.27E+06
UBAL2_8241G0235	1.21E+04	1.05E+04	1.18E+04
UBAL2_8241G0247	1.16E+07	1.55E+07	3.87E+07
UBAL2_8241G0264	3.94E+05	3.82E+05	3.25E+05
UBAL2_8241G0281	2.22E+06	2.98E+06	1.11E+07
UBAL2_8241G0297	1.51E+07	1.95E+07	3.53E+07
UBAL2_8241G0302	2.18E+05	2.25E+05	4.37E+05
UBAL2_8241G0315	4.87E+05	4.24E+05	6.43E+05
UBAL2_8241G0330	5.41E+06	6.44E+06	1.48E+07
UBAL2_8241G0339	1.31E+06	1.75E+06	3.96E+06
UBAL2_8241G0346	7.21E+06	8.32E+06	1.62E+07
UBAL2_8241G0348	7.64E+05	8.94E+05	2.35E+06
UBAL2_8241G0349	8.35E+06	1.20E+07	3.40E+07
UBAL2_8241G0356	4.05E+06	7.39E+06	1.82E+07
UBAL2_8241G0357	4.10E+06	3.92E+06	4.95E+06
UBAL2_8241G0358	2.41E+06	2.75E+06	4.76E+06
UBAL2_8241G0374	4.33E+06	4.71E+06	8.10E+06
UBAL2_8241G0378	1.16E+06	1.07E+06	1.80E+06
UBAL2_8241G0383	3.14E+06	3.35E+06	4.25E+06
UBAL2_8241G0386	2.90E+06	3.13E+06	6.67E+06
UBAL2_8241G0391	2.80E+05	5.74E+05	1.56E+06
UBAL2_8241G0395	2.43E+07	2.87E+07	5.51E+07
UBAL2_8241G0452	1.33E+06	1.76E+06	3.98E+06
UBAL2_8241G0455	2.83E+06	2.86E+06	3.78E+06
UBAL2_8241G0456	1.25E+06	2.13E+06	4.32E+06
UBAL2_8241G0467	1.79E+06	1.97E+06	3.53E+06
UBAL2_8241G0488	2.24E+06	2.07E+06	1.67E+06
UBAL2_8241G0495	8.23E+05	1.16E+06	1.88E+06
UBAL2_8241G0507	6.28E+06	7.77E+06	1.78E+07
UBAL2_8241G0512	2.68E+06	2.44E+06	3.30E+06
UBAL2_8241G0516	1.86E+06	1.94E+06	3.73E+06
UBAL2_8241G0527	1.32E+06	1.28E+06	2.13E+06
UBAL2_8241G0531	1.87E+07	2.42E+07	6.86E+07
UBAL2_8241G0536	8.64E+05	7.76E+05	5.66E+05
UBAL2_8241G0537	6.91E+06	1.51E+07	3.28E+07
UBAL2_8241G0543	9.77E+06	1.48E+07	3.96E+07

UBAL2_8241G0548	7.57E+06	1.39E+07	4.77E+07
UBAL2_8241G0550	1.92E+06	1.53E+06	1.16E+06
UBAL2_8241G0556	2.52E+06	2.36E+06	3.48E+06
UBAL2_8241G0557	9.94E+06	1.18E+07	2.34E+07
UBAL2_8241G0559	3.14E+06	4.02E+06	7.86E+06
UBAL2_8241G0561	5.83E+05	5.43E+05	6.78E+05
UBAL2_8241G0563	9.96E+06	1.30E+07	2.79E+07
UBAL2_8241G0564	6.86E+05	7.40E+05	1.43E+06
UBAL2_8241G0567	1.18E+07	1.69E+07	4.54E+07
UBAL2_8241G0570	5.54E+06	7.77E+06	2.44E+07
UBAL2_8241G0573	3.72E+06	4.74E+06	7.82E+06
UBAL2_8241G0588	6.49E+05	8.50E+05	2.68E+06
UBAL2_8241G0597	3.98E+05	5.84E+05	1.08E+06
UBAL2_8241G0599	4.29E+06	5.74E+06	1.07E+07
UBAL2_8241G0601	1.41E+06	2.66E+06	8.18E+06
UBAL2_8241G0616	3.65E+06	4.74E+06	5.16E+06
UBAL2_8241G0617	5.56E+06	7.17E+06	7.78E+06
UBAL2_8241G0624	3.68E+06	4.90E+06	1.23E+07
UBAL2_8241G0631	7.31E+06	7.74E+06	1.10E+07
UBAL2_8241G0633	7.85E+05	9.76E+05	2.00E+06
UBAL2_8241G0637	1.51E+06	1.76E+06	3.01E+06
UBAL2_8241G0652	6.93E+06	8.49E+06	1.14E+07
UBAL2_8524G0005	3.64E+06	4.77E+06	9.84E+06
UBAL2_8524G0090	5.75E+05	8.27E+05	1.63E+06
UBAL2_8524G0099	4.57E+06	6.41E+06	1.12E+07
UBAL2_8524G0108	3.05E+07	5.91E+07	2.02E+08
UBAL2_8524G0121	4.17E+06	4.40E+06	9.43E+06
UBAL2_8524G0131	2.70E+06	2.83E+06	5.00E+06
UBAL2_8524G0133	3.43E+05	2.91E+05	2.80E+05
UBAL2_8524G0177	5.73E+06	7.51E+06	1.26E+07
UBAL2_8524G0178	2.34E+06	2.28E+06	3.84E+06
UBAL2_8524G0187	1.32E+06	1.69E+06	3.90E+06
UBAL2_8524G0188	3.81E+05	4.81E+05	1.47E+06
UBAL2_8524G0214	3.67E+05	4.78E+05	7.05E+05
UBAL2_8524G0217	2.06E+06	2.14E+06	4.19E+06
UBAL2_8524G0222	1.83E+06	2.16E+06	3.71E+06
UBAL2_8524G0237	1.16E+07	1.40E+07	1.81E+07
UBAL2_8524G0238	6.39E+06	7.73E+06	1.29E+07
UBAL2_8524G0241	2.17E+06	2.73E+06	5.01E+06
UBAL2_8524G0249	4.21E+06	4.68E+06	6.35E+06
UBAL2_8692G0012	3.00E+06	4.04E+06	7.79E+06
UBAL2_8692G0019	1.25E+06	1.20E+06	1.98E+06
UBAL2_8692G0024.1	2.77E+04	2.55E+04	2.08E+04
UBAL2_8692G0034	1.67E+06	2.14E+06	5.34E+06
UBAL2_8692G0038	5.46E+06	6.63E+06	1.87E+07
UBAL2_8692G0040	1.69E+06	1.68E+06	3.06E+06
UBAL2_8692G0045	5.28E+04	4.75E+04	4.66E+04
UBAL2_8692G0047	4.18E+06	5.36E+06	6.47E+06
UBAL2_8692G0055	1.06E+06	1.15E+06	1.69E+06
UBAL2_8692G0062	1.23E+06	1.22E+06	2.64E+06
UBAL2_8692G0072	7.73E+05	1.35E+06	2.79E+06
UBAL2_8692G0088	2.57E+07	2.80E+07	5.03E+07
UBAL2_8692G0096	3.45E+06	5.26E+06	9.85E+06
UBAL2_8692G0099	7.99E+06	8.23E+06	9.42E+06
UBAL2_8692G0110	4.92E+06	5.16E+06	8.57E+06
UBAL2_8692G0111	2.40E+06	2.28E+06	2.64E+06
UBAL2_8692G0114	5.17E+07	8.59E+07	2.50E+08

UBAL2_8692G0115	3.03E+06	3.53E+06	6.16E+06
UBAL2_8692G0117	1.59E+07	1.64E+07	3.40E+07
UBAL2_8692G0119	2.52E+07	3.19E+07	7.17E+07
UBAL2_8692G0120	3.04E+06	3.26E+06	1.08E+07
UBAL2_8692G0121	3.74E+07	5.66E+07	1.52E+08
UBAL2_8692G0128	4.38E+07	6.33E+07	1.66E+08
UBAL2_8692G0139	5.44E+06	7.01E+06	1.63E+07
UBAL2_8692G0151	8.85E+06	1.21E+07	2.72E+07
UBAL2_8692G0153	6.63E+04	5.96E+04	6.27E+04
UBAL2_8692G0154	4.02E+07	4.98E+07	9.13E+07
UBAL2_8692G0155	8.85E+06	1.11E+07	2.15E+07
UBAL2_8692G0156	2.27E+06	2.11E+06	2.05E+06
UBAL2_8692G0157	3.80E+06	4.77E+06	7.23E+06
UBAL2_8692G0176	2.69E+06	2.69E+06	4.90E+06
UBAL3_2406G0030	1.14E+07	1.11E+07	1.00E+07
UBAL3_2406G0037	8.08E+06	8.14E+06	7.07E+06
UBAL3_2406G0040	1.13E+07	1.04E+07	7.58E+06
UBAL3_2406G0041	7.75E+06	7.15E+06	5.85E+06
UBAL3_2406G0043	2.33E+06	1.75E+06	1.62E+06
UBAL3_2406G0045	4.00E+06	3.80E+06	3.43E+06
UBAL3_2406G0051	7.15E+07	6.72E+07	4.34E+07
UBAL3_2406G0053	1.05E+06	9.70E+05	9.90E+05
UBAL3_2406G0054	3.80E+07	3.41E+07	2.92E+07
UBAL3_2406G0057	3.37E+06	2.99E+06	2.25E+06
UBAL3_2406G0058	1.85E+06	1.56E+06	1.13E+06
UBAL3_4481G0069	2.63E+06	2.26E+06	2.21E+06
UBAL3_4481G0073	1.40E+06	1.24E+06	1.30E+06
UBAL3_4481G0081	1.58E+07	1.44E+07	1.14E+07
UBAL3_4481G0082	3.14E+06	3.05E+06	2.21E+06
UBAL3_4481G0084	3.33E+06	3.23E+06	2.78E+06
UBAL3_4481G0086	2.20E+07	2.11E+07	1.56E+07
UBAL3_4481G0087	1.23E+08	1.19E+08	9.15E+07
UBAL3_4481G0088	1.21E+07	1.14E+07	9.37E+06
UBAL3_4481G0089	3.65E+06	3.60E+06	3.14E+06
UBAL3_4481G0092	1.28E+08	1.24E+08	9.42E+07
UBAL3_4481G0095	2.20E+07	1.92E+07	1.43E+07
UBAL3_4481G0100	5.54E+06	5.03E+06	4.48E+06
UBAL3_4481G0101	2.15E+06	2.02E+06	1.55E+06
UBAL3_4481G0104	1.55E+07	1.62E+07	1.37E+07
UBAL3_4481G0105	3.42E+07	3.31E+07	2.70E+07
UBAL3_4481G0108	3.67E+06	3.00E+06	2.60E+06
UBAL3_4481G0111	2.47E+07	2.24E+07	1.95E+07
UBAL3_4481G0112	8.28E+05	7.61E+05	7.90E+05
UBAL3_4481G0116	2.29E+06	2.05E+06	1.56E+06
UBAL3_4481G0117	3.20E+07	2.64E+07	2.34E+07
UBAL3_4481G0118	3.37E+09	4.32E+09	5.79E+09
UBAL3_4481G0119	6.94E+08	7.80E+08	8.64E+08
UBAL3_4866G0049	2.04E+07	1.66E+07	1.41E+07
UBAL3_4866G0050	2.70E+06	2.50E+06	2.02E+06
UBAL3_4866G0054	1.13E+06	1.10E+06	9.99E+05
UBAL3_4866G0056	6.61E+07	6.26E+07	3.97E+07
UBAL3_4866G0057	3.16E+08	3.24E+08	2.23E+08
UBAL3_4866G0058	3.98E+07	3.67E+07	3.36E+07
UBAL3_4866G0059	1.02E+08	1.01E+08	8.94E+07
UBAL3_4866G0062	2.25E+07	2.11E+07	1.85E+07
UBAL3_4866G0064	8.82E+06	8.18E+06	5.58E+06
UBAL3_5748G0002	2.25E+06	2.15E+06	2.14E+06

UBAL3_5748G0003	1.24E+07	1.16E+07	1.05E+07
UBAL3_5748G0004	9.88E+06	9.11E+06	7.73E+06
UBAL3_5748G0005	2.07E+07	1.99E+07	1.79E+07
UBAL3_5748G0006	1.91E+07	1.83E+07	1.54E+07
UBAL3_5748G0007	5.38E+06	5.26E+06	4.84E+06
UBAL3_5748G0008	5.43E+07	5.38E+07	4.38E+07
UBAL3_5748G0009	1.28E+08	1.26E+08	1.01E+08
UBAL3_5748G0010	2.73E+07	2.26E+07	1.65E+07
UBAL3_5748G0012	1.29E+08	1.14E+08	9.00E+07
UBAL3_5748G0014	6.48E+06	6.33E+06	6.96E+06
UBAL3_5748G0015	8.28E+05	7.30E+05	6.07E+05
UBAL3_5748G0020	4.73E+06	4.49E+06	4.04E+06
UBAL3_5748G0022	6.78E+06	6.98E+06	6.23E+06
UBAL3_5784G0025.1	1.42E+07	1.34E+07	1.23E+07
UBAL3_6050G0008	2.25E+06	2.12E+06	1.57E+06
UBAL3_6050G0010	3.71E+08	3.61E+08	2.84E+08
UBAL3_6050G0011	7.57E+07	7.54E+07	4.89E+07
UBAL3_6050G0012	1.28E+07	1.14E+07	8.04E+06
UBAL3_6050G0013	5.51E+07	5.05E+07	4.49E+07
UBAL3_6050G0014	2.28E+07	2.11E+07	2.00E+07
UBAL3_6050G0015	1.05E+07	1.01E+07	7.62E+06
UBAL3_6050G0017	1.00E+08	1.02E+08	9.04E+07
UBAL3_6050G0019	2.69E+07	2.81E+07	2.54E+07
UBAL3_6050G0022	2.50E+07	2.33E+07	2.33E+07
UBAL3_6050G0023	3.55E+07	3.38E+07	2.71E+07
UBAL3_6050G0027	1.96E+07	1.84E+07	1.33E+07
UBAL3_6050G0037	2.30E+06	2.22E+06	1.82E+06
UBAL3_6050G0039	1.69E+08	1.68E+08	1.83E+08
UBAL3_6948G0005	2.09E+08	1.73E+08	1.24E+08
UBAL3_6948G0011	1.88E+07	1.66E+07	1.41E+07
UBAL3_6948G0012	7.30E+07	7.07E+07	5.93E+07
UBAL3_6948G0013	2.21E+06	2.00E+06	1.98E+06
UBAL3_6948G0014	1.12E+07	1.06E+07	1.23E+07
UBAL3_6948G0016	9.23E+07	8.30E+07	6.18E+07
UBAL3_6948G0017	1.15E+07	1.05E+07	6.78E+06
UBAL3_6948G0020	1.06E+08	7.05E+07	4.83E+07
UBAL3_6948G0022	8.48E+07	7.94E+07	5.63E+07
UBAL3_6948G0023	4.21E+07	3.45E+07	2.24E+07
UBAL3_6948G0028	4.96E+07	4.40E+07	3.32E+07
UBAL3_6948G0029	8.63E+06	8.75E+06	7.24E+06
UBAL3_6948G0030	1.34E+06	1.26E+06	9.70E+05
UBAL3_6948G0037	2.88E+08	2.53E+08	2.02E+08
UBAL3_6948G0038	7.64E+07	6.66E+07	5.74E+07
UBAL3_6948G0039	2.45E+08	2.19E+08	1.65E+08
UBAL3_6948G0044	2.42E+06	2.07E+06	1.78E+06
UBAL3_6948G0045	2.32E+07	2.25E+07	3.17E+07
UBAL3_7442G0013	1.68E+08	1.30E+08	1.34E+08
UBAL3_7442G0017	6.41E+06	6.75E+06	8.92E+06
UBAL3_7442G0019	4.57E+06	4.35E+06	3.51E+06
UBAL3_7442G0020	7.48E+06	7.00E+06	5.76E+06
UBAL3_7442G0022	2.31E+08	2.15E+08	1.39E+08
UBAL3_7442G0024	4.97E+08	5.23E+08	4.60E+08
UBAL3_7442G0026.1	3.16E+06	2.58E+06	1.65E+06
UBAL3_7442G0028	1.55E+07	1.65E+07	1.26E+07
UBAL3_7442G0029	3.53E+06	5.00E+06	4.16E+06
UBAL3_7442G0030	2.82E+07	2.14E+07	1.59E+07
UBAL3_7442G0034	1.38E+08	1.34E+08	9.58E+07

UBAL3_7442G0037	2.09E+07	1.84E+07	1.35E+07
UBAL3_7442G0038	2.26E+07	2.05E+07	1.68E+07
UBAL3_7442G0039	8.11E+06	7.05E+06	6.28E+06
UBAL3_7442G0042	2.65E+07	2.48E+07	1.82E+07
UBAL3_7442G0043	4.67E+07	4.35E+07	3.71E+07
UBAL3_7442G0051	3.44E+06	3.21E+06	2.61E+06
UBAL3_7442G0055	3.78E+07	2.85E+07	1.88E+07
UBAL3_7442G0057	5.76E+07	5.53E+07	4.30E+07
UBAL3_7442G0058	3.50E+06	3.46E+06	3.24E+06
UBAL3_7442G0063	1.28E+08	1.17E+08	8.22E+07
UBAL3_7442G0065	1.64E+07	1.64E+07	1.29E+07
UBAL3_7442G0066	1.82E+06	1.80E+06	1.98E+06
UBAL3_7442G0072	4.50E+07	4.06E+07	3.24E+07
UBAL3_7442G0073	1.43E+07	1.34E+07	1.06E+07
UBAL3_7442G0078	3.42E+07	2.95E+07	3.61E+07
UBAL3_7442G0080	9.25E+06	8.85E+06	6.96E+06
UBAL3_7442G0081	5.31E+07	5.04E+07	2.33E+07
UBAL3_7442G0089	2.58E+07	2.58E+07	2.33E+07
UBAL3_7822G0001	5.87E+08	5.79E+08	4.05E+08
UBAL3_7822G0004	3.91E+07	3.70E+07	3.01E+07
UBAL3_7822G0008	1.39E+07	1.22E+07	1.05E+07
UBAL3_7892G0007	6.01E+07	5.44E+07	4.40E+07
UBAL3_7892G0008	7.31E+07	7.04E+07	5.60E+07
UBAL3_7892G0012	6.84E+07	5.97E+07	4.34E+07
UBAL3_7892G0020	3.99E+07	3.13E+07	2.53E+07
UBAL3_7892G0024	5.53E+07	5.21E+07	4.96E+07
UBAL3_7892G0027	4.73E+06	4.61E+06	3.28E+06
UBAL3_7892G0042	5.72E+06	5.77E+06	5.08E+06
UBAL3_7892G0056	8.89E+06	8.60E+06	8.54E+06
UBAL3_7892G0057	1.54E+07	1.46E+07	1.34E+07
UBAL3_7892G0058	2.65E+07	2.71E+07	3.10E+07
UBAL3_7892G0059	5.15E+08	5.00E+08	5.52E+08
UBAL3_7892G0060	2.93E+07	3.19E+07	3.54E+07
UBAL3_7892G0061	4.67E+06	4.94E+06	4.69E+06
UBAL3_7892G0118	8.18E+06	7.61E+06	6.33E+06
UBAL3_7892G0121	1.50E+06	1.32E+06	1.19E+06
UBAL3_7892G0122	1.53E+08	1.34E+08	8.91E+07
UBAL3_7916G0004	4.25E+06	4.37E+06	3.98E+06
UBAL3_7916G0007	9.06E+06	8.09E+06	5.95E+06
UBAL3_7916G0009	9.66E+06	9.27E+06	7.48E+06
UBAL3_7916G0010	2.52E+06	2.14E+06	1.95E+06
UBAL3_7916G0012	5.74E+06	5.54E+06	4.45E+06
UBAL3_7916G0017	9.03E+06	9.73E+06	8.85E+06
UBAL3_7916G0018	7.95E+06	7.88E+06	6.91E+06
UBAL3_7916G0019	4.49E+06	3.96E+06	3.12E+06
UBAL3_7916G0020	1.12E+07	1.05E+07	8.60E+06
UBAL3_7916G0022	1.52E+08	1.57E+08	1.47E+08
UBAL3_7916G0030	1.06E+07	9.51E+06	9.36E+06
UBAL3_7916G0032	3.78E+07	3.62E+07	3.58E+07
UBAL3_7916G0035	1.22E+06	9.67E+05	6.26E+05
UBAL3_7916G0037	1.04E+07	1.01E+07	1.42E+07
UBAL3_7932G0003	1.41E+06	1.27E+06	1.37E+06
UBAL3_7932G0007	1.58E+08	1.48E+08	1.50E+08
UBAL3_7932G0008	7.11E+07	6.89E+07	5.32E+07
UBAL3_7932G0009	1.03E+07	1.02E+07	9.12E+06
UBAL3_7932G0010	1.00E+06	9.73E+05	8.18E+05
UBAL3_7932G0011	1.01E+08	9.89E+07	1.01E+08

UBAL3_7932G0015	5.42E+06	5.03E+06	4.81E+06
UBAL3_7932G0020	1.55E+07	1.41E+07	1.23E+07
UBAL3_7952G0006	7.52E+06	7.63E+06	5.35E+06
UBAL3_7952G0007	1.22E+08	1.15E+08	8.60E+07
UBAL3_7952G0009	6.08E+05	5.54E+05	4.95E+05
UBAL3_7952G0011	1.82E+07	1.86E+07	1.68E+07
UBAL3_7952G0018	6.95E+06	6.73E+06	5.70E+06
UBAL3_7952G0023	1.26E+06	1.11E+06	8.91E+05
UBAL3_7952G0026	1.29E+07	1.24E+07	9.62E+06
UBAL3_7952G0028	2.16E+06	2.10E+06	2.09E+06
UBAL3_7952G0029	6.26E+06	5.58E+06	4.75E+06
UBAL3_7952G0031	1.35E+07	1.27E+07	9.93E+06
UBAL3_7952G0032	6.53E+06	6.48E+06	6.49E+06
UBAL3_7952G0037	1.62E+07	1.58E+07	1.09E+07
UBAL3_7952G0038	1.25E+08	1.17E+08	8.35E+07
UBAL3_7952G0039	4.08E+08	3.90E+08	2.46E+08
UBAL3_7952G0040	3.29E+08	3.22E+08	2.42E+08
UBAL3_7952G0041	1.17E+07	1.20E+07	8.44E+06
UBAL3_7952G0051	5.08E+07	4.75E+07	3.63E+07
UBAL3_7952G0057	6.72E+06	5.66E+06	4.80E+06
UBAL3_7952G0060	8.27E+06	7.96E+06	7.45E+06
UBAL3_7952G0062	4.30E+06	4.00E+06	3.56E+06
UBAL3_7952G0066	8.57E+07	5.86E+07	4.02E+07
UBAL3_7952G0067	9.50E+06	9.15E+06	7.39E+06
UBAL3_7952G0068	3.62E+06	3.36E+06	2.68E+06
UBAL3_7952G0069	3.34E+07	3.11E+07	2.43E+07
UBAL3_7952G0070	4.92E+07	4.40E+07	3.68E+07
UBAL3_7952G0072	2.50E+08	1.81E+08	2.49E+08
UBAL3_7980G0001	1.92E+08	1.54E+08	9.45E+07
UBAL3_7980G0003	4.37E+07	3.89E+07	3.36E+07
UBAL3_7980G0004	1.65E+07	1.06E+07	7.17E+06
UBAL3_7980G0005	5.79E+05	5.16E+05	4.23E+05
UBAL3_7980G0006	4.47E+06	3.49E+06	2.32E+06
UBAL3_7980G0007	4.01E+06	4.03E+06	2.86E+06
UBAL3_7980G0008	7.58E+06	7.65E+06	6.43E+06
UBAL3_8015G0001	6.41E+08	5.71E+08	4.16E+08
UBAL3_8015G0002	5.40E+08	5.00E+08	3.89E+08
UBAL3_8015G0003	5.05E+08	4.31E+08	3.67E+08
UBAL3_8015G0004	4.08E+08	3.58E+08	2.42E+08
UBAL3_8015G0005	1.00E+08	8.95E+07	5.59E+07
UBAL3_8015G0006	1.28E+07	1.11E+07	9.57E+06
UBAL3_8015G0007	1.88E+07	1.75E+07	1.46E+07
UBAL3_8015G0011	4.09E+06	3.27E+06	2.12E+06
UBAL3_8015G0012	1.31E+06	1.14E+06	1.07E+06
UBAL3_8015G0014	5.10E+07	4.97E+07	4.09E+07
UBAL3_8015G0015	2.15E+07	2.08E+07	1.55E+07
UBAL3_8029G0001	3.03E+08	2.48E+08	2.05E+08
UBAL3_8029G0002	3.54E+06	3.27E+06	2.35E+06
UBAL3_8029G0032	1.57E+06	1.58E+06	1.71E+06
UBAL3_8029G0034	1.84E+07	1.84E+07	1.55E+07
UBAL3_8029G0040	2.43E+05	2.04E+05	1.57E+05
UBAL3_8029G0043	8.58E+07	7.70E+07	5.64E+07
UBAL3_8029G0044	2.75E+05	2.59E+05	2.41E+05
UBAL3_8029G0045	1.46E+07	1.40E+07	1.16E+07
UBAL3_8029G0046	3.02E+06	3.00E+06	2.96E+06
UBAL3_8029G0056	2.98E+06	2.65E+06	1.96E+06
UBAL3_8029G0062	3.82E+07	3.44E+07	2.42E+07

UBAL3_8029G0065	3.02E+06	2.95E+06	2.23E+06
UBAL3_8029G0066	4.24E+07	4.10E+07	3.42E+07
UBAL3_8029G0068	8.54E+06	9.08E+06	6.88E+06
UBAL3_8029G0070	1.42E+08	1.39E+08	1.02E+08
UBAL3_8029G0071	6.21E+08	5.69E+08	4.00E+08
UBAL3_8029G0072	1.00E+07	9.11E+06	8.20E+06
UBAL3_8029G0073	1.41E+06	1.51E+06	1.37E+06
UBAL3_8029G0075	5.32E+06	5.21E+06	5.04E+06
UBAL3_8029G0076	3.02E+06	2.95E+06	2.45E+06
UBAL3_8029G0077	2.41E+06	2.34E+06	2.13E+06
UBAL3_8029G0081	4.46E+07	3.95E+07	2.97E+07
UBAL3_8029G0082	5.30E+07	4.67E+07	3.55E+07
UBAL3_8029G0083	7.96E+06	7.35E+06	7.39E+06
UBAL3_8029G0084	7.08E+07	6.66E+07	5.38E+07
UBAL3_8042G0001	5.44E+06	3.79E+06	6.60E+05
UBAL3_8042G0002	1.91E+07	1.53E+07	1.05E+07
UBAL3_8042G0003	3.92E+08	3.70E+08	2.63E+08
UBAL3_8042G0005	3.84E+07	3.15E+07	2.00E+07
UBAL3_8042G0006	1.73E+08	1.50E+08	9.69E+07
UBAL3_8042G0007	1.62E+07	1.36E+07	9.99E+06
UBAL3_8042G0008	3.91E+07	3.48E+07	2.28E+07
UBAL3_8042G0009	6.97E+06	6.37E+06	5.17E+06
UBAL3_8042G0010	1.68E+06	1.43E+06	9.52E+05
UBAL3_8042G0011	2.02E+07	1.83E+07	1.47E+07
UBAL3_8042G0012	5.40E+07	5.08E+07	3.69E+07
UBAL3_8042G0013	1.16E+08	9.14E+07	5.98E+07
UBAL3_8042G0014	2.57E+07	2.13E+07	1.38E+07
UBAL3_8042G0018	1.27E+08	1.11E+08	8.42E+07
UBAL3_8042G0020	1.69E+06	1.58E+06	1.67E+06
UBAL3_8042G0021	3.94E+07	3.73E+07	2.53E+07
UBAL3_8042G0022	3.62E+07	3.11E+07	1.93E+07
UBAL3_8042G0023	2.35E+08	2.11E+08	1.60E+08
UBAL3_8042G0025	8.14E+07	7.26E+07	5.13E+07
UBAL3_8042G0027	9.43E+07	8.96E+07	7.20E+07
UBAL3_8042G0028	3.99E+07	3.75E+07	3.56E+07
UBAL3_8042G0031	9.41E+06	8.65E+06	6.28E+06
UBAL3_8042G0032	1.35E+08	1.22E+08	7.55E+07
UBAL3_8042G0033	4.03E+07	3.36E+07	2.17E+07
UBAL3_8042G0034	1.49E+08	1.39E+08	1.08E+08
UBAL3_8042G0035	4.68E+07	3.99E+07	2.72E+07
UBAL3_8042G0037	4.28E+08	4.01E+08	3.38E+08
UBAL3_8042G0043	4.41E+07	4.36E+07	3.63E+07
UBAL3_8042G0045	3.07E+07	3.04E+07	2.76E+07
UBAL3_8042G0046	6.97E+05	6.56E+05	6.56E+05
UBAL3_8042G0048	5.55E+06	4.83E+06	3.99E+06
UBAL3_8042G0052	6.41E+06	5.84E+06	4.38E+06
UBAL3_8042G0055	2.27E+06	2.58E+06	3.29E+06
UBAL3_8042G0057	1.91E+07	1.88E+07	1.59E+07
UBAL3_8042G0058	7.86E+08	8.32E+08	7.32E+08
UBAL3_8042G0059	2.25E+07	2.12E+07	2.02E+07
UBAL3_8042G0060	6.47E+05	7.25E+05	6.32E+05
UBAL3_8042G0068	1.59E+07	1.43E+07	1.25E+07
UBAL3_8042G0070	2.12E+07	1.95E+07	1.54E+07
UBAL3_8063G0002	1.29E+08	1.24E+08	9.78E+07
UBAL3_8063G0004	3.50E+07	3.41E+07	2.96E+07
UBAL3_8063G0007	3.08E+07	3.26E+07	2.48E+07
UBAL3_8063G0008	1.43E+08	1.47E+08	1.32E+08

UBAL3_8063G0009	1.79E+08	1.92E+08	1.86E+08
UBAL3_8063G0010	1.46E+08	1.23E+08	8.18E+07
UBAL3_8063G0014	1.08E+07	1.02E+07	1.02E+07
UBAL3_8063G0020	2.18E+06	2.07E+06	1.80E+06
UBAL3_8063G0025	3.37E+07	2.67E+07	2.19E+07
UBAL3_8063G0041	7.41E+06	6.24E+06	4.68E+06
UBAL3_8063G0044	3.83E+06	3.25E+06	2.41E+06
UBAL3_8063G0045	6.30E+06	5.86E+06	5.50E+06
UBAL3_8063G0046	1.76E+08	1.59E+08	1.05E+08
UBAL3_8063G0047	1.29E+08	1.17E+08	8.74E+07
UBAL3_8063G0048	1.10E+07	9.85E+06	7.08E+06
UBAL3_8063G0049	6.04E+06	5.55E+06	3.99E+06
UBAL3_8063G0058	4.35E+06	4.59E+06	3.58E+06
UBAL3_8063G0067	7.94E+06	7.99E+06	5.20E+06
UBAL3_8063G0076	4.38E+06	4.34E+06	3.35E+06
UBAL3_8063G0078	1.50E+07	1.45E+07	1.19E+07
UBAL3_8063G0081	1.34E+07	1.16E+07	8.66E+06
UBAL3_8063G0082	7.54E+05	7.40E+05	5.24E+05
UBAL3_8063G0083	3.92E+06	3.71E+06	3.59E+06
UBAL3_8063G0084	7.13E+06	6.70E+06	5.79E+06
UBAL3_8063G0085	3.55E+07	3.10E+07	2.22E+07
UBAL3_8063G0095	2.11E+06	1.77E+06	1.20E+06
UBAL3_8063G0101	1.32E+08	1.36E+08	1.22E+08
UBAL3_8063G0103	5.85E+06	5.94E+06	5.66E+06
UBAL3_8063G0105.1	3.69E+06	3.63E+06	2.79E+06
UBAL3_8270G0003	1.02E+07	9.58E+06	7.85E+06
UBAL3_8270G0004	7.75E+06	7.43E+06	5.50E+06
UBAL3_8270G0005	4.50E+07	4.25E+07	3.66E+07
UBAL3_8270G0006	1.65E+07	1.57E+07	1.28E+07
UBAL3_8270G0007	1.05E+08	1.06E+08	8.82E+07
UBAL3_8270G0009	7.23E+07	6.50E+07	5.14E+07
UBAL3_8270G0010	1.80E+07	1.82E+07	1.66E+07
UBAL3_8270G0012	1.10E+08	1.08E+08	9.61E+07
UBAL3_8270G0022	2.08E+07	1.96E+07	1.51E+07
UBAL3_8270G0024	2.94E+07	2.53E+07	1.87E+07
UBAL3_8270G0027	1.34E+07	1.18E+07	9.53E+06
UBAL3_9098G0004	4.41E+07	3.85E+07	4.03E+07
UBAL3_9098G0005	4.19E+06	3.71E+06	3.49E+06
UBAL3_9098G0006	1.68E+07	1.42E+07	1.10E+07
UBAL3_9098G0006.1	4.00E+07	3.98E+07	2.69E+07
UBAL3_9098G0011	3.96E+07	3.57E+07	2.68E+07
UBAL3_9098G0013	1.31E+07	1.22E+07	8.97E+06
UBAL3_9098G0016	6.61E+08	6.25E+08	4.96E+08
UBAL3_9205G0009	3.42E+06	3.46E+06	2.41E+06
UBAL3_9205G0010	1.36E+06	1.24E+06	6.96E+05
UBAL3_9205G0030	2.53E+07	2.26E+07	2.05E+07
UBAL3_9205G0032	2.74E+07	2.74E+07	2.02E+07
UBAL3_9205G0033	8.15E+06	7.55E+06	6.31E+06
UBAL3_9205G0035	5.31E+06	5.18E+06	4.65E+06
UBAL3_9205G0037	1.54E+06	1.39E+06	1.01E+06
UBAL3_9205G0038	4.68E+07	4.17E+07	2.97E+07
UBAL3_9205G0039	7.02E+06	6.92E+06	4.07E+06
UBAL3_9205G0040	2.96E+06	2.57E+06	1.63E+06
UBAL3_9205G0044	1.07E+07	1.00E+07	9.34E+06
UBAL3_9205G0045	2.55E+07	2.54E+07	1.94E+07
UBAL3_9205G0052	3.81E+06	3.23E+06	1.98E+06
UBAL3_9205G0053	5.30E+07	5.26E+07	4.67E+07

UBAL3_9205G0057	6.63E+07	5.88E+07	4.03E+07
UBAL3_9205G0058	4.90E+06	4.50E+06	3.83E+06
UBAL3_9205G0059	2.64E+06	2.95E+06	4.00E+06
UBAL3_9205G0060	5.98E+06	5.53E+06	5.40E+06
UBAL3_9205G0064	2.11E+08	1.90E+08	1.22E+08
UBAL3_9205G0070	1.33E+07	1.21E+07	8.40E+06
UBAL3_9205G0071	1.40E+07	1.32E+07	1.03E+07
UBAL3_9205G0073	1.98E+07	1.89E+07	1.68E+07
UBAL3_9205G0078	8.86E+07	8.33E+07	6.04E+07
UBAL3_9205G0079	2.99E+06	2.96E+06	2.27E+06
UBAL3_9205G0081	4.59E+06	4.39E+06	3.46E+06
UBAL3_9205G0086	3.55E+07	3.15E+07	2.47E+07
UBAL3_9205G0094	1.08E+08	9.04E+07	6.37E+07
UBAL3_9205G0095	4.21E+07	4.24E+07	3.68E+07
UBAL3_9205G0096	1.18E+06	1.26E+06	1.15E+06
UBAL3_9205G0098	3.66E+07	3.15E+07	3.01E+07
UBAL3_9205G0099	1.04E+07	1.07E+07	1.16E+07
UBAL3_9205G0101	1.82E+07	1.57E+07	1.78E+07
UBAL3_9205G0102	2.84E+07	2.84E+07	3.37E+07
UBAL3_9205G0120	3.70E+08	3.56E+08	2.56E+08
UBAL3_9205G0121	2.76E+08	2.53E+08	1.79E+08
UBAL3_9205G0122	1.29E+08	1.10E+08	6.93E+07
UBAL3_9205G0123	2.77E+08	2.63E+08	1.89E+08
UBAL3_9205G0126	6.09E+07	5.84E+07	4.39E+07
UBAL3_9205G0127	7.73E+07	7.14E+07	4.97E+07
UBAL3_9205G0128	6.14E+07	5.58E+07	4.04E+07
UBAL3_9205G0129	1.06E+08	1.04E+08	6.25E+07
UBAL3_9205G0137	7.04E+06	6.72E+06	5.40E+06
UBAL3_9205G0139	3.75E+06	3.41E+06	3.03E+06
UBAL3_9205G0144	1.21E+07	1.17E+07	1.14E+07
UBAL3_9205G0146	2.08E+07	2.07E+07	1.76E+07
UBAL3_9205G0147	1.10E+07	1.07E+07	8.05E+06
UBAL3_9205G0150	3.73E+06	3.43E+06	3.46E+06
UBAL3_9205G0152	2.25E+07	1.89E+07	1.36E+07
UBAL3_9205G0155	5.39E+06	4.37E+06	3.26E+06
UBAL3_9205G0157	2.18E+07	2.12E+07	1.60E+07
UBAL3_9205G0159	1.35E+06	1.38E+06	1.32E+06
UBAL3_9205G0160	1.39E+08	1.23E+08	8.45E+07
UBAL3_9205G0161	8.00E+06	7.63E+06	5.52E+06
UBAL3_9205G0162	3.52E+07	3.57E+07	2.80E+07
UBAL3_9205G0168	7.41E+07	7.34E+07	6.61E+07
UBAL3_9205G0169	5.39E+07	4.96E+07	3.45E+07
UBAL3_9205G0171	7.04E+06	6.39E+06	4.46E+06
UBAL3_9205G0172	2.64E+06	2.32E+06	1.80E+06
UBAL3_9205G0173	1.24E+07	1.13E+07	8.12E+06
UBAL3_9205G0189	1.16E+07	1.11E+07	9.79E+06
UBAL3_9205G0191	2.31E+07	2.18E+07	1.88E+07
UBAL3_9205G0194	5.43E+06	4.33E+06	3.39E+06
UBAL3_9205G0199	1.06E+08	9.65E+07	6.88E+07
UBAL3_9205G0200	8.89E+07	8.83E+07	7.57E+07
UBAL3_9205G0204	7.21E+06	5.85E+06	3.55E+06
UBAL3_9205G0205	2.00E+08	1.77E+08	1.41E+08
UBAL3_9205G0206	5.95E+07	5.77E+07	4.80E+07
UBAL3_9205G0207	1.20E+07	1.16E+07	1.17E+07
UBAL3_9205G0209	1.09E+07	1.06E+07	1.01E+07
UBAL3_9205G0212	1.93E+06	2.03E+06	1.78E+06
UBAL3_9205G0215	3.06E+06	2.97E+06	2.40E+06

UBAL3_9205G0216	6.65E+06	5.70E+06	4.89E+06
UBAL3_9205G0224	8.82E+06	8.34E+06	6.27E+06
UBAL3_9205G0225	1.31E+07	1.30E+07	1.21E+07
UBAL3_9205G0229	4.41E+07	3.34E+07	2.27E+07
UBAL3_9320G0011	3.45E+07	3.19E+07	3.03E+07
UBAL3_9320G0013	6.81E+07	6.62E+07	5.14E+07
UBAL3_9320G0016	8.09E+06	7.42E+06	6.59E+06
UBAL3_9320G0017	3.02E+07	2.74E+07	2.13E+07
UBAL3_9320G0019	8.08E+06	7.23E+06	7.08E+06
UBAL3_9320G0033	1.66E+07	1.93E+07	6.31E+06
UBAL3_9320G0036	2.39E+07	2.12E+07	1.72E+07
UBAL3_9320G0042	6.56E+06	7.11E+06	5.52E+06
UBAL3_9320G0043	1.61E+09	1.66E+09	1.43E+09
UBAL3_9320G0048	4.50E+07	3.55E+07	2.98E+07
UBAL3_9320G0054	3.17E+06	3.02E+06	2.19E+06
UBAL3_9320G0060	8.86E+07	8.44E+07	8.09E+07
UBAL3_9320G0061	6.19E+06	6.10E+06	4.97E+06
UBAL3_9320G0066	1.91E+07	1.59E+07	1.48E+07
UBAL3_9320G0070	4.16E+06	3.96E+06	2.86E+06
UBAL3_9320G0071	1.54E+06	1.37E+06	1.09E+06
UBAL3_9320G0077	3.58E+07	3.30E+07	2.52E+07
UBAL3_9320G0081	1.05E+07	9.92E+06	7.92E+06
UBAL3_9320G0086	1.05E+07	7.12E+06	7.03E+06
UBAL3_9320G0090	9.02E+07	8.38E+07	5.94E+07
UBAL3_9320G0094	3.36E+07	3.30E+07	2.81E+07
UBAL3_9320G0097	2.88E+06	2.73E+06	2.36E+06
UBAL3_9320G0100	3.04E+06	2.99E+06	2.40E+06
UBAL3_9320G0101	1.27E+07	1.22E+07	1.07E+07
UBAL3_9320G0102	1.31E+07	1.24E+07	1.16E+07
UBAL3_9320G0104	4.15E+05	4.09E+05	3.13E+05
UBAL3_9320G0105	2.58E+06	2.09E+06	1.72E+06
UBAL3_9320G0106.1	2.85E+07	2.60E+07	1.90E+07
UBAL3_9320G0107	3.69E+07	3.34E+07	2.51E+07
UBAL3_9320G0110	4.86E+06	4.48E+06	3.84E+06
UBAL3_9320G0112	4.41E+06	4.01E+06	3.22E+06
UBAL3_9320G0116	4.71E+07	4.04E+07	3.34E+07
UBAL3_9320G0117	1.06E+07	8.45E+06	8.11E+06
UBAL3_9320G0120	5.04E+07	5.02E+07	4.45E+07
UBAL3_9320G0123	2.24E+07	2.05E+07	1.42E+07
UBAL3_9320G0125	2.92E+06	2.74E+06	2.34E+06
UBAL3_9367G0003	2.55E+07	2.43E+07	2.10E+07
UBAL3_9367G0005	2.90E+06	3.12E+06	2.94E+06
UBAL3_9367G0006	1.17E+08	1.09E+08	7.94E+07
UBAL3_9417G0002	5.87E+06	5.37E+06	4.37E+06
UBAL3_9417G0005	2.22E+06	2.17E+06	1.64E+06
UBAL3_9417G0009	3.31E+07	3.23E+07	2.54E+07
UBAL3_9417G0011	9.50E+06	8.84E+06	8.82E+06
UBAL3_9417G0012	1.03E+08	1.11E+08	1.66E+08
UBAL3_9417G0013	1.34E+06	1.36E+06	1.04E+06
UBAL3_9417G0014	1.35E+07	1.31E+07	1.15E+07
UBAL3_9417G0015	1.38E+06	1.27E+06	9.92E+05
UBAL3_9417G0016	3.66E+06	3.42E+06	3.02E+06
UBAL3_9417G0017	8.46E+06	7.75E+06	6.53E+06
UBAL3_9417G0021	2.99E+08	2.83E+08	1.83E+08
UBAL3_9417G0022	2.20E+07	1.95E+07	1.69E+07
UBAL3_9417G0029	5.52E+07	5.14E+07	3.94E+07
UBAL3_9417G0040	2.56E+07	2.44E+07	1.93E+07

UBAL3_9417G0044	8.54E+06	7.98E+06	6.58E+06
UBAL3_9417G0045	1.07E+07	9.95E+06	7.78E+06
UBAL3_9417G0046	1.86E+07	1.85E+07	1.62E+07
UBAL3_9417G0047	6.84E+07	4.91E+07	3.45E+07
UBAL3_9417G0049	2.93E+07	2.84E+07	2.77E+07
UBAL3_9417G0050	6.49E+06	6.64E+06	4.52E+06
UBAL3_9417G0051	3.44E+06	4.10E+06	2.84E+06
UBAL3_9417G0054	1.23E+08	1.14E+08	1.04E+08
UBAL3_9417G0056	1.12E+08	1.02E+08	8.19E+07
UBAL3_9417G0057	1.79E+07	1.62E+07	1.22E+07
UBAL3_9417G0058	6.14E+07	6.27E+07	4.65E+07
UBAL3_9417G0059	1.57E+06	1.30E+06	8.66E+05
UBAL3_9417G0061	6.78E+06	6.25E+06	6.09E+06
UBAL3_9417G0062	4.04E+07	3.74E+07	2.75E+07
UBAL3_9417G0063	1.57E+06	1.54E+06	1.63E+06
UBAL3_9417G0069	5.96E+06	3.88E+06	3.28E+06
UBAL3_9417G0074	1.32E+08	1.30E+08	9.48E+07
UBAL3_9417G0076	7.18E+06	6.25E+06	5.47E+06
UBAL3_9417G0077	1.13E+07	1.06E+07	9.87E+06
UBAL3_9417G0079	2.33E+06	2.29E+06	1.78E+06
UBAL3_9417G0081	3.49E+06	3.51E+06	3.09E+06
UBAL3_9424G0003	2.21E+06	2.13E+06	2.11E+06
UBAL3_9424G0007	8.82E+06	8.41E+06	7.12E+06
UBAL3_9424G0008.1	1.00E+07	9.58E+06	9.70E+06
UBAL3_9424G0037	6.08E+07	5.90E+07	4.88E+07
UBAL3_9424G0038	1.36E+08	1.26E+08	9.42E+07
UBAL3_9424G0039	1.27E+07	1.19E+07	9.82E+06
UBAL3_9424G0042	2.82E+08	2.65E+08	2.11E+08
UBAL3_9424G0043	3.74E+05	4.03E+05	4.62E+05
UBAL3_9424G0044	2.87E+07	2.94E+07	2.56E+07
UBAL3_9424G0047	4.10E+07	3.87E+07	3.47E+07
UBAL3_9424G0048	3.11E+07	2.99E+07	2.71E+07
UBAL3_9424G0049	1.89E+07	1.84E+07	1.48E+07
UBAL3_9424G0053	2.08E+08	1.89E+08	1.53E+08
UBAL3_9424G0064	3.34E+07	3.31E+07	3.60E+07
UBAL3_9424G0066	8.89E+07	9.13E+07	7.17E+07
UBAL3_9424G0068	1.21E+08	1.20E+08	1.19E+08
UBAL3_9424G0072	6.78E+07	6.28E+07	5.56E+07
UBAL3_9424G0073	6.84E+07	6.88E+07	5.48E+07
UBAL3_9424G0083	6.97E+06	7.14E+06	7.66E+06
UBAL3_9424G0084	6.79E+06	6.01E+06	4.12E+06
UBAL3_9424G0087	4.29E+07	4.24E+07	3.45E+07
UBAL3_9424G0088	2.91E+06	2.67E+06	2.43E+06
UBAL3_9424G0095	1.11E+07	1.06E+07	7.57E+06
UBAL3_9424G0147	1.32E+07	1.09E+07	7.77E+06
UBAL3_9424G0148	1.61E+07	1.19E+07	9.48E+06
UBAL3_9424G0151	2.24E+07	2.05E+07	1.38E+07
UBAL3_9424G0163	5.63E+07	5.47E+07	4.08E+07
UBAL3_9424G0164	2.00E+07	1.78E+07	1.57E+07
UBAL3_9424G0172	4.73E+07	4.15E+07	2.59E+07
UBAL3_9424G0173	3.42E+07	3.31E+07	2.53E+07
UBAL3_9424G0174	2.34E+06	2.10E+06	1.49E+06
UBAL3_9424G0175	2.42E+07	2.05E+07	1.39E+07
UBAL3_9424G0177	3.63E+07	2.91E+07	2.16E+07
UBAL3_9424G0180	1.32E+07	1.18E+07	1.03E+07
UBAL3_9424G0182	8.62E+06	7.25E+06	5.55E+06
UBAL3_9424G0185	4.91E+06	4.48E+06	3.61E+06

UBAL3_9424G0188	7.20E+06	6.76E+06	4.92E+06
UBAL3_9424G0191	1.12E+08	1.01E+08	7.16E+07
UBAL3_9424G0192.1	1.63E+07	1.65E+07	1.69E+07
UBAL3_9432G0006	3.56E+07	3.27E+07	2.47E+07
UBAL3_9432G0014	1.58E+06	1.37E+06	1.09E+06
UBAL3_9432G0015	1.79E+08	1.46E+08	8.81E+07
UBAL3_9432G0020	2.34E+06	2.09E+06	1.49E+06
UBAL3_9432G0032	8.55E+06	7.80E+06	7.19E+06
UBAL3_9432G0034	9.82E+08	9.43E+08	6.66E+08
UBAL3_9432G0043	2.56E+05	2.53E+05	2.43E+05
UBAL3_9432G0048	1.59E+05	1.68E+05	1.55E+05
UBAL3_9432G0049	5.10E+07	5.04E+07	3.65E+07
UBAL3_9432G0053	8.45E+06	5.75E+06	5.91E+06
UBAL3_9432G0054	6.49E+08	4.00E+08	2.88E+08
UBAL3_9432G0058	1.48E+07	1.41E+07	1.28E+07
UBAL3_9432G0061	6.80E+06	5.40E+06	6.21E+06
UBAL3_9432G0062	6.58E+06	6.03E+06	4.82E+06
UBAL3_9432G0063	3.81E+07	3.65E+07	2.72E+07
UBAL3_9453G0003	1.83E+07	1.81E+07	1.64E+07
UBAL3_9453G0004	2.29E+06	2.15E+06	1.69E+06
UBAL3_9453G0005	8.52E+06	8.01E+06	6.80E+06
UBAL3_9453G0008	9.79E+05	1.05E+06	9.81E+05
UBAL3_9453G0010	4.01E+07	3.91E+07	3.25E+07
UBAL3_9453G0011	5.26E+07	5.24E+07	4.73E+07
UBAL3_9453G0020	9.27E+06	7.54E+06	6.21E+06
UBAL3_9453G0025	8.03E+07	7.44E+07	4.99E+07
UBAL3_9453G0026	1.01E+07	1.07E+07	8.69E+06
UBAL3_9453G0027	7.67E+08	7.39E+08	5.53E+08
UBAL3_9453G0028	6.08E+07	5.46E+07	4.45E+07
UBAL3_9453G0029	1.08E+07	1.03E+07	9.67E+06
UBAL3_9453G0032	1.09E+07	1.07E+07	9.99E+06
UBAL3_9453G0033	1.80E+08	1.49E+08	9.57E+07
UBAL3_9453G0034	5.60E+07	4.90E+07	3.51E+07
UBAL3_9453G0035	1.53E+07	1.34E+07	1.12E+07
UBAL3_9453G0040	1.88E+07	1.70E+07	1.33E+07
UBAL3_9453G0045	9.74E+07	9.34E+07	7.14E+07
UBAL3_9453G0047	8.48E+06	8.80E+06	1.14E+07
UBAL3_9453G0049	1.44E+07	1.44E+07	1.11E+07
UBAL3_9453G0054	1.37E+07	1.21E+07	1.07E+07
UBAL3_9453G0060	1.74E+07	1.59E+07	1.47E+07
UBAL3_9453G0061	2.11E+07	2.08E+07	1.90E+07
UBAL3_9453G0062	3.31E+06	2.94E+06	2.36E+06
UBAL3_9453G0064	2.38E+07	2.17E+07	1.93E+07
UBAL3_9453G0065	4.96E+07	4.02E+07	2.77E+07
UBAL3_9453G0067	2.23E+08	1.97E+08	1.72E+08
UBAL3_9453G0070	7.60E+07	7.26E+07	5.86E+07
UBAL3_9453G0071	2.21E+08	1.94E+08	1.49E+08
UBAL3_9453G0072	3.51E+07	2.90E+07	2.30E+07
UBAL3_9453G0073	1.92E+07	2.04E+07	1.74E+07
UBAL3_9453G0074	2.60E+07	2.06E+07	1.59E+07
UBAL3_9453G0077	1.10E+08	1.05E+08	7.69E+07
UBAL3_9453G0078	2.74E+06	2.37E+06	1.51E+06
UBAL3_9453G0079	5.46E+08	4.73E+08	3.24E+08
UBAL3_9453G0080	3.29E+07	3.35E+07	2.74E+07
UBAL3_9453G0081	4.07E+07	3.68E+07	2.46E+07
UBAL3_9453G0082	3.15E+07	3.01E+07	2.29E+07
UBAL3_9453G0083	1.99E+07	1.79E+07	2.15E+07

UBAL3_9453G0085	4.09E+07	3.72E+07	3.07E+07
UBAL3_9453G0086	4.56E+07	4.27E+07	3.49E+07
UBAL3_9453G0087	3.22E+07	2.96E+07	1.79E+07
UBAL3_9453G0088	3.79E+08	3.45E+08	2.37E+08
UBAL3_9453G0090	4.79E+07	3.95E+07	2.09E+07
UBAL3_9453G0095	2.89E+07	2.53E+07	1.74E+07
UBAL3_9453G0102	6.22E+06	6.16E+06	5.02E+06
UBAL3_9453G0103	1.69E+08	1.69E+08	1.48E+08
UBAL3_9453G0104	7.64E+07	6.55E+07	5.03E+07
UBAL3_9453G0108	1.04E+06	9.68E+05	9.30E+05
UBAL3_9453G0110	2.67E+06	2.48E+06	1.93E+06
UBAL3_9532G0012	3.09E+07	2.89E+07	2.03E+07
UBAL3_9532G0013	5.53E+06	5.33E+06	4.57E+06
UBAL3_9532G0014	1.62E+07	1.44E+07	1.24E+07
UBAL3_9532G0016	7.30E+05	6.98E+05	6.33E+05
UBAL3_9532G0019	2.84E+05	2.43E+05	2.06E+05
UBAL3_9532G0025	2.49E+08	2.41E+08	1.90E+08
UBAL3_9532G0026	2.92E+08	2.84E+08	2.33E+08
UBAL3_9532G0027	9.50E+06	9.11E+06	7.56E+06
UBAL3_9532G0028	4.40E+05	4.06E+05	3.19E+05
UBAL3_9532G0030	1.68E+09	1.46E+09	9.87E+08
UBAL3_9532G0036	3.51E+07	3.32E+07	2.75E+07
UBAL3_9532G0039	1.45E+07	1.41E+07	1.12E+07
UBAL3_9532G0045	1.39E+07	1.31E+07	1.16E+07
UBAL3_9532G0046	4.78E+06	4.38E+06	3.82E+06
UBAL3_9532G0050	2.75E+06	2.83E+06	3.06E+06
UBAL3_9532G0051	9.07E+06	8.25E+06	9.90E+06
UBAL3_9532G0053	4.88E+07	4.55E+07	3.49E+07
UBAL3_9532G0057	1.67E+06	1.51E+06	1.33E+06
UBAL3_9532G0060	3.79E+06	3.44E+06	3.16E+06
UBAL3_9545G0058	1.45E+07	1.43E+07	1.14E+07
UBAL3_9545G0068	6.69E+07	5.38E+07	5.02E+07
UBAL3_9545G0069	4.52E+07	3.81E+07	2.83E+07
UBAL3_9545G0077	6.57E+07	5.88E+07	3.62E+07
UBAL3_9545G0079	1.76E+06	1.72E+06	1.45E+06
UBAL3_9545G0080	7.89E+05	8.86E+05	7.47E+05
UBAL3_9545G0081	3.13E+07	2.64E+07	2.01E+07
UBAL3_9545G0082	1.47E+06	1.34E+06	1.45E+06
UBAL3_9545G0083	3.47E+07	3.05E+07	2.37E+07
UBAL3_9545G0092	8.18E+07	6.94E+07	3.83E+07
UBAL3_9545G0096	2.46E+07	2.33E+07	1.97E+07
UBAL3_9545G0100	4.09E+07	4.08E+07	3.67E+07
UBAL3_9545G0101	1.01E+07	9.04E+06	8.00E+06
UBAL3_9545G0102	1.49E+07	1.45E+07	1.10E+07
UBAL3_9545G0103	2.77E+07	2.39E+07	1.86E+07
UBAL3_9545G0106	2.30E+07	2.09E+07	1.72E+07
UBAL3_9545G0109	3.55E+07	3.06E+07	2.34E+07
UBAL3_9545G0110	1.15E+07	1.07E+07	8.02E+06
UBAL3_9545G0111	1.20E+07	1.27E+07	9.91E+06
UBAL3_9545G0112	1.14E+06	1.12E+06	8.41E+05
UBAL3_9545G0114	5.86E+06	5.52E+06	4.75E+06
UBAL3_9545G0115	2.84E+07	2.75E+07	2.27E+07
UBAL3_9545G0117	1.58E+07	1.61E+07	1.20E+07
UBAL3_9545G0119	1.78E+07	1.64E+07	1.31E+07
UBAL3_9545G0120	2.66E+07	2.60E+07	1.66E+07
UBAL3_9545G0123	1.77E+08	1.62E+08	1.25E+08
UBAL3_9545G0133	1.27E+08	1.23E+08	9.29E+07

UBAL3_9545G0144	5.44E+07	4.85E+07	2.22E+07
UBAL3_9545G0145	9.44E+06	9.31E+06	8.91E+06
UBAL3_9545G0151	2.52E+06	2.52E+06	2.00E+06
UBAL3_9545G0155	3.05E+06	2.91E+06	2.95E+06
UBAL3_9545G0156	4.34E+07	4.08E+07	3.38E+07
UBAL3_9553G0005	3.22E+07	3.15E+07	2.57E+07
UBAL3_9553G0011	3.86E+07	3.74E+07	3.29E+07
UBAL3_9553G0013	1.79E+08	1.03E+08	8.76E+07
UBAL3_9553G0018	1.01E+07	9.92E+06	8.29E+06
UBAL3_9568G0001	2.32E+07	1.41E+07	1.16E+07
UBAL3_9568G0004	2.40E+07	2.12E+07	1.63E+07
UBAL3_9568G0008	6.65E+06	6.12E+06	6.35E+06
UBAL3_9568G0009	7.79E+05	7.23E+05	7.69E+05
UBAL3_9568G0010	8.51E+06	7.74E+06	5.89E+06
UBAL3_9568G0012	1.69E+07	1.47E+07	1.17E+07
UBAL3_9568G0018	8.85E+07	7.89E+07	6.82E+07
UBAL3_9568G0035	8.85E+06	8.80E+06	7.37E+06
UBAL3_9568G0037	4.03E+07	3.69E+07	2.95E+07
UBAL3_9568G0050	8.72E+06	9.09E+06	8.91E+06
UBAL3_9568G0058.1	5.11E+06	5.86E+06	6.01E+06
UBAL3_9568G0068	1.31E+07	1.36E+07	1.40E+07
UBAL3_9568G0069	8.23E+06	7.92E+06	7.09E+06
UBAL3_9568G0070	1.96E+07	1.82E+07	1.62E+07
UBAL3_9568G0071	1.17E+07	1.10E+07	1.11E+07
UBAL3_9568G0073	2.05E+06	1.69E+06	1.49E+06
UBAL3_9568G0082	9.25E+06	9.09E+06	9.11E+06
UBAL3_9568G0085	3.28E+07	3.03E+07	2.26E+07
UBAL3_9568G0086	1.90E+07	1.73E+07	1.30E+07
UBAL3_9568G0088	7.58E+06	7.68E+06	6.98E+06
UBAL3_9568G0089	9.66E+05	9.45E+05	9.78E+05
UBAL3_9568G0090	1.93E+07	1.85E+07	1.56E+07
UBAL3_9568G0091	4.41E+06	4.28E+06	3.44E+06
UBAL3_9568G0092	1.98E+07	1.90E+07	1.76E+07
UBAL3_9568G0094	3.39E+07	3.16E+07	2.72E+07
UBAL3_9568G0095	4.28E+06	4.09E+06	3.64E+06
UBAL3_9568G0128	1.14E+07	1.15E+07	1.14E+07
UBAL3_9568G0134	4.30E+06	4.19E+06	4.38E+06
UBAL3_9568G0138	1.74E+06	1.59E+06	1.31E+06
UBAL3_9568G0142	1.02E+08	9.45E+07	6.50E+07
UBAL3_9568G0143	1.18E+07	1.12E+07	1.15E+07
UBAL3_9595G0002	3.88E+07	3.75E+07	3.46E+07
UBAL3_9595G0004	3.26E+07	2.98E+07	3.01E+07
UBAL3_9595G0006	2.74E+07	3.05E+07	2.87E+07
UBAL3_9595G0010	1.69E+08	1.42E+08	1.13E+08
UBAL3_9595G0011	2.07E+07	1.92E+07	1.39E+07
UBAL3_9595G0015	3.27E+07	2.92E+07	2.61E+07
UBAL3_9595G0016	1.88E+07	2.04E+07	1.71E+07
UBAL3_9595G0017	6.25E+06	6.07E+06	4.17E+06
UBAL3_9595G0021	8.82E+06	9.20E+06	8.02E+06
UBAL3_9595G0023	1.76E+07	1.72E+07	1.65E+07
UBAL3_9595G0025	4.34E+07	4.16E+07	3.43E+07
UBAL3_9595G0027	1.79E+07	1.75E+07	1.49E+07
UBAL3_9595G0031	9.11E+06	8.14E+06	6.69E+06
UBAL3_9595G0032	1.67E+06	1.62E+06	1.23E+06
UBAL3_9595G0044	6.26E+07	5.65E+07	4.75E+07
UBAL3_9595G0045	9.94E+07	8.99E+07	6.85E+07
UBAL3_9595G0046	6.53E+06	6.04E+06	5.29E+06

UBAL3_9595G0051	1.87E+07	1.74E+07	1.51E+07
UBAL3_9595G0061	1.69E+08	1.27E+08	8.47E+07
UBAL3_9612G0004	5.72E+07	6.21E+07	5.50E+07
UBAL3_9612G0010	2.43E+07	1.87E+07	1.72E+07
UBAL3_9612G0012	9.31E+06	7.59E+06	7.11E+06
UBAL3_9612G0013	4.75E+06	3.49E+06	2.35E+06
UBAL3_9612G0014	2.27E+06	2.12E+06	1.82E+06
UBAL3_9612G0016	3.66E+07	3.27E+07	2.25E+07
UBAL3_9612G0017	2.01E+08	1.66E+08	1.03E+08
UBAL3_9612G0037	1.52E+07	1.45E+07	1.22E+07
UBAL3_9615G0001	1.55E+08	1.33E+08	9.77E+07
UBAL3_9615G0001.1	7.98E+07	7.13E+07	4.28E+07
UBAL3_9615G0002	8.68E+06	7.28E+06	5.71E+06
UBAL3_9615G0004	4.46E+07	3.75E+07	2.58E+07
UBAL3_9615G0007	3.54E+07	3.45E+07	2.99E+07
UBAL3_9615G0009	1.79E+07	1.59E+07	1.25E+07
UBAL3_9615G0010	3.38E+07	3.03E+07	2.48E+07
UBAL3_9615G0011	3.13E+07	3.04E+07	2.58E+07
UBAL3_9615G0014	3.06E+07	2.85E+07	2.30E+07
UBAL3_9615G0015	2.65E+07	2.40E+07	2.07E+07
UBAL3_9627G0005	3.11E+07	2.73E+07	2.28E+07
UBAL3_9627G0008	1.57E+07	1.50E+07	1.32E+07
UBAL3_9627G0009	2.32E+07	1.97E+07	1.56E+07
UBAL3_9627G0012	4.15E+06	3.86E+06	2.01E+06
UBAL3_9627G0029	1.59E+08	1.43E+08	1.35E+08
UNLACT1_11998G0005	2.34E+06	2.77E+06	4.79E+06
UNLACT1_12268G0005	3.33E+06	2.98E+06	2.38E+06
UNLACT1_12314G0005	8.35E+05	7.50E+05	6.76E+05
UNLACT1_12704G0005	1.21E+05	1.13E+05	9.74E+04
UNLACT1_1674G0001	2.52E+07	1.95E+07	5.50E+06
UNLACT1_9014G0001	9.21E+06	1.35E+07	1.84E+07
UNLACT1_9852G0001	6.80E+05	5.84E+05	5.54E+05
UNLACT2_10378G0001	4.01E+07	3.74E+07	3.01E+07
UNLACT2_11403G0003	1.73E+06	2.20E+06	3.92E+06
UNLACT2_6949G0001	9.52E+05	1.50E+06	1.90E+06
UNLACT2_8793G0003	3.77E+06	3.83E+06	7.52E+06
UNLACT2_9443G0004	5.23E+06	5.54E+06	5.19E+06
UNLACT2_9552G0002	3.31E+05	3.43E+05	2.06E+05
UNLACT2_9725G0002	3.09E+06	3.00E+06	7.06E+06
UNLAR2_15003G0480	5.77E+05	4.52E+05	5.81E+05
UNLAR2_15008G0692	7.78E+07	1.16E+08	1.46E+08
UNLAR2_15008G0750	4.81E+05	5.67E+05	1.02E+06
UNLAR2_15008G0796	1.45E+07	1.68E+07	1.37E+07
UNLAR4_1G0037	1.64E+06	1.16E+06	7.41E+05
UNLAR4_1G0062	3.49E+07	2.66E+07	1.59E+07
UNLAR4_1G0064	7.40E+06	4.84E+06	3.58E+06
UNLAR4_1G0095	9.73E+06	1.08E+07	9.90E+06
UNLAR4_1G0177	5.88E+06	3.93E+06	3.13E+06
UNLAR4_1G0224	2.24E+08	1.23E+08	7.84E+07
UNLAR4_1G0690	8.54E+06	7.40E+06	5.77E+06
UNLAR4_1G0751	3.82E+06	2.63E+06	1.88E+06
UNLAR4_1G0755	1.04E+07	9.18E+06	7.92E+06
UNLAR4_1G0868	2.11E+06	1.71E+06	1.72E+06
UNLAR4_1G0951	1.50E+06	1.17E+06	1.07E+06
UNLAR5_1G0125	3.28E+06	2.54E+06	3.37E+06
UNLAR5_1G0341	4.51E+05	4.63E+05	2.67E+05
UNLAR5_1G0597	2.68E+06	2.46E+06	2.73E+06

UNLAR5_1G0648	4.02E+05	4.16E+05	7.60E+05
UNLAR5_1G0857	1.03E+06	1.02E+06	6.19E+05
UNLAR5_1G0886	2.25E+05	1.81E+05	1.84E+05
UNLEPL_15243G0285	5.54E+05	4.92E+05	6.73E+05
UNLEPL_15243G0425	3.54E+05	4.75E+05	8.27E+05
UNLEPL_15243G0827	1.36E+06	1.48E+06	9.10E+05
UNLEPL_17965G0293	1.18E+06	2.00E+06	1.90E+06
UNLFIR_10385G0002	1.92E+06	1.67E+06	1.63E+06
UNLFIR_11324G0005	2.65E+05	4.43E+05	2.18E+05
UNLFIR_9955G0001	1.94E+06	1.70E+06	1.40E+06
UNLGPL_12302G0010	8.54E+06	9.34E+06	8.91E+06
UNLGPL_12302G0022	3.12E+06	3.20E+06	2.56E+06
UNLGPL_12303G0012	1.29E+07	1.43E+07	1.06E+07
UNLGPL_12303G0020	3.69E+06	3.80E+06	3.06E+06
UNLGPL_12303G0022	3.49E+06	3.82E+06	4.30E+06
UNLGPL_12303G0024	2.15E+06	2.65E+06	1.80E+06
UNLGPL_13287G0011	2.85E+07	3.16E+07	2.37E+07
UNLGPL_13287G0015	1.91E+06	2.11E+06	1.33E+06
UNLGPL_13287G0025	3.83E+06	4.48E+06	3.20E+06
UNLGPL_13287G0028	9.92E+06	1.09E+07	1.02E+07
UNLGPL_13287G0032	1.22E+06	1.30E+06	1.11E+06
UNLGPL_13287G0036	8.66E+07	9.48E+07	8.15E+07
UNLGPL_13287G0071	3.31E+06	3.19E+06	2.27E+06
UNLGPL_13287G0078	8.65E+06	9.23E+06	7.98E+06
UNLGPL_13287G0116	9.72E+06	9.70E+06	8.56E+06
UNLGPL_13287G0119	3.97E+06	4.42E+06	3.80E+06
UNLGPL_13287G0131	4.23E+06	4.49E+06	3.97E+06
UNLGPL_13287G0134	3.60E+06	3.77E+06	2.57E+06
UNLGPL_13287G0148	3.08E+06	3.65E+06	4.19E+06
UNLGPL_13287G0149	1.01E+07	1.26E+07	9.83E+06
UNLGPL_13287G0152	1.39E+07	1.56E+07	1.24E+07
UNLGPL_13287G0167	2.84E+07	3.50E+07	2.47E+07
UNLGPL_13287G0168	2.91E+07	3.10E+07	2.56E+07
UNLGPL_13287G0173	1.33E+07	1.18E+07	9.73E+06
UNLGPL_13287G0175	9.46E+06	1.05E+07	1.18E+07
UNLGPL_13290G0006	3.60E+06	4.22E+06	3.96E+06
UNLGPL_13290G0008	1.64E+06	1.83E+06	2.00E+06
UNLGPL_13290G0010	2.38E+07	2.52E+07	1.94E+07
UNLGPL_13290G0021	4.90E+06	5.35E+06	4.72E+06
UNLGPL_13290G0024	3.62E+07	4.42E+07	3.47E+07
UNLGPL_13290G0027	6.35E+06	7.36E+06	6.39E+06
UNLGPL_13290G0031	4.31E+06	4.73E+06	3.98E+06
UNLGPL_13290G0044	2.47E+07	2.83E+07	2.50E+07
UNLGPL_13290G0045	4.19E+06	4.32E+06	3.66E+06
UNLGPL_13290G0063	1.61E+06	1.58E+06	1.25E+06
UNLGPL_13290G0066	1.42E+06	1.38E+06	1.27E+06
UNLGPL_13290G0071	3.04E+07	3.54E+07	3.13E+07
UNLGPL_13290G0075	2.78E+06	2.46E+06	1.58E+06
UNLGPL_13290G0079	2.43E+07	2.67E+07	2.12E+07
UNLGPL_13290G0080	7.71E+07	7.97E+07	4.58E+07
UNLGPL_13290G0092	1.24E+07	2.08E+07	1.21E+07
UNLGPL_13290G0105	2.86E+06	3.17E+06	2.55E+06
UNLGPL_13290G0114	7.97E+07	9.52E+07	8.41E+07
UNLGPL_13290G0118	2.55E+07	2.96E+07	2.98E+07
UNLGPL_13290G0148	4.20E+06	5.23E+06	4.61E+06
UNLGPL_13290G0151	6.27E+06	6.67E+06	7.66E+06
UNLGPL_13290G0166	4.36E+06	5.23E+06	4.24E+06

UNLGPL_13290G0173	3.61E+06	4.09E+06	2.91E+06
UNLGPL_13290G0186	3.91E+06	3.72E+06	3.43E+06
UNLGPL_13296G0004	8.33E+06	9.50E+06	7.65E+06
UNLGPL_13296G0006	1.36E+06	1.55E+06	1.42E+06
UNLGPL_13296G0008	2.51E+07	2.83E+07	2.63E+07
UNLGPL_13296G0025	2.52E+06	2.78E+06	2.60E+06
UNLGPL_13296G0026	1.10E+07	1.17E+07	1.01E+07
UNLGPL_13296G0034	4.45E+06	4.45E+06	3.17E+06
UNLGPL_13296G0045	7.30E+06	8.01E+06	6.43E+06
UNLGPL_13296G0046	5.18E+06	5.05E+06	4.20E+06
UNLGPL_13296G0047	2.62E+07	2.69E+07	2.04E+07
UNLGPL_13296G0074	2.88E+06	3.20E+06	3.30E+06
UNLGPL_13296G0075	1.81E+06	1.86E+06	1.40E+06
UNLGPL_13296G0079	1.74E+07	1.86E+07	1.60E+07
UNLGPL_13296G0091	1.20E+07	1.32E+07	9.83E+06
UNLGPL_13296G0092	5.24E+06	5.85E+06	4.16E+06
UNLGPL_13296G0095	9.74E+06	1.10E+07	7.69E+06
UNLGPL_13296G0096	4.91E+06	5.44E+06	4.13E+06
UNLGPL_13296G0109	2.70E+06	2.59E+06	1.89E+06
UNLGPL_13296G0110	8.44E+05	8.85E+05	7.78E+05
UNLGPL_13296G0117	4.68E+06	4.87E+06	4.12E+06
UNLGPL_13327G0007	5.98E+06	6.80E+06	6.06E+06
UNLGPL_13327G0008	2.39E+08	2.89E+08	2.40E+08
UNLGPL_13327G0009	1.30E+07	1.46E+07	9.90E+06
UNLGPL_13327G0015	2.01E+07	2.10E+07	1.68E+07
UNLGPL_13327G0019	9.39E+05	9.15E+05	9.91E+05
UNLGPL_13327G0045	2.61E+07	2.91E+07	2.68E+07
UNLGPL_13327G0048	7.06E+07	9.90E+07	9.86E+07
UNLGPL_13327G0049	4.11E+06	4.34E+06	3.80E+06
UNLGPL_13327G0054	9.15E+05	9.93E+05	7.90E+05
UNLGPL_13327G0055	1.07E+08	9.69E+07	7.55E+07
UNLGPL_13327G0057	2.58E+06	2.30E+06	2.27E+06
UNLGPL_13327G0058	3.74E+06	3.52E+06	2.69E+06
UNLGPL_13327G0060	1.58E+07	1.49E+07	1.23E+07
UNLGPL_13327G0078	4.46E+06	4.73E+06	3.78E+06
UNLGPL_13327G0079	1.67E+06	1.75E+06	1.71E+06
UNLGPL_13334G0013	9.46E+06	1.12E+07	7.39E+06
UNLGPL_13334G0014	1.96E+07	2.21E+07	2.02E+07
UNLGPL_13334G0022	1.29E+08	1.76E+08	1.61E+08
UNLGPL_13334G0035	3.23E+07	3.74E+07	3.88E+07
UNLGPL_13334G0042	2.36E+06	2.89E+06	4.44E+06
UNLGPL_13334G0047	1.18E+08	1.41E+08	1.00E+08
UNLGPL_13334G0050	5.67E+05	4.94E+05	3.67E+05
UNLGPL_13334G0053	1.28E+08	1.55E+08	1.50E+08
UNLGPL_13334G0054	3.92E+06	3.87E+06	3.11E+06
UNLGPL_13334G0055	8.17E+05	9.06E+05	9.54E+05
UNLGPL_13334G0059	2.42E+06	2.17E+06	2.38E+06
UNLGPL_13334G0067	3.65E+07	4.03E+07	3.39E+07
UNLGPL_13334G0074	1.97E+06	2.13E+06	1.87E+06
UNLGPL_13334G0078	2.64E+06	2.61E+06	2.57E+06
UNLGPL_13334G0079	2.27E+07	2.80E+07	2.60E+07
UNLGPL_13334G0092	2.11E+07	2.28E+07	1.88E+07
UNLGPL_13334G0098	3.29E+06	3.59E+06	3.11E+06
UNLGPL_13334G0104	1.97E+06	2.06E+06	2.00E+06
UNLGPL_13334G0125	1.02E+07	1.07E+07	8.30E+06
UNLGPL_13334G0127	1.11E+07	1.27E+07	9.84E+06
UNLGPL_13334G0129	3.67E+06	3.47E+06	2.55E+06

UNLGPL_13334G0132	2.20E+07	2.33E+07	1.95E+07
UNLGPL_13334G0163	7.56E+07	8.27E+07	8.37E+07
UNLGPL_13334G0165	3.27E+07	3.67E+07	3.33E+07
UNLGPL_13334G0187	1.18E+06	1.38E+06	1.14E+06
UNLGPL_13374G0008	2.99E+06	3.62E+06	3.48E+06
UNLGPL_13374G0020	1.54E+06	1.61E+06	1.51E+06
UNLGPL_13374G0022	4.18E+07	4.67E+07	3.53E+07
UNLGPL_13374G0024	1.19E+07	1.44E+07	1.26E+07
UNLGPL_13374G0049	1.52E+06	1.35E+06	1.32E+06
UNLGPL_13374G0065	3.42E+07	3.99E+07	3.30E+07
UNLGPL_13374G0066	6.86E+05	8.49E+05	7.39E+05
UNLGPL_13374G0068	2.26E+07	2.42E+07	1.99E+07
UNLGPL_13374G0072	3.28E+07	3.86E+07	2.99E+07
UNLGPL_13374G0081	2.61E+07	2.82E+07	2.39E+07
UNLGPL_13374G0086	1.11E+08	1.25E+08	1.03E+08
UNLGPL_13374G0087	5.05E+06	4.94E+06	4.60E+06
UNLGPL_13374G0091	2.16E+07	2.42E+07	2.02E+07
UNLGPL_13374G0101	5.39E+07	5.82E+07	5.14E+07
UNLGPL_13374G0103	2.12E+06	2.27E+06	1.93E+06
UNLGPL_13374G0104	3.39E+08	5.22E+08	4.89E+08
UNLGPL_13374G0105	5.06E+07	5.76E+07	4.97E+07
UNLGPL_13374G0106	3.34E+06	3.16E+06	2.37E+06
UNLGPL_13374G0107	9.34E+06	1.06E+07	1.06E+07
UNLGPL_13374G0108	2.97E+06	3.23E+06	2.44E+06
UNLGPL_13374G0117	4.00E+06	4.15E+06	3.56E+06
UNLGPL_13374G0118	5.47E+06	7.17E+06	4.50E+06
UNLGPL_13374G0128	8.27E+07	9.60E+07	6.92E+07
UNLGPL_13374G0134	4.90E+06	5.72E+06	6.99E+06
UNLGPL_13374G0138	1.19E+07	1.26E+07	1.11E+07
UNLGPL_13374G0164	1.20E+08	1.45E+08	1.05E+08
UNLGPL_13374G0178	7.41E+06	8.58E+06	5.75E+06
UNLGPL_13374G0182	4.42E+05	4.55E+05	4.95E+05
UNLGPL_13374G0186	2.86E+07	3.17E+07	3.09E+07
UNLGPL_13455G0005	2.30E+06	2.55E+06	2.10E+06
UNLGPL_13455G0013	1.78E+06	1.86E+06	1.61E+06
UNLGPL_13455G0035	1.96E+07	2.27E+07	1.98E+07
UNLGPL_13455G0037	1.37E+06	1.39E+06	9.31E+05
UNLGPL_13455G0038	2.87E+06	2.81E+06	2.25E+06
UNLGPL_13455G0058	4.31E+07	4.98E+07	3.15E+07
UNLGPL_13455G0061	9.93E+06	1.12E+07	1.48E+07
UNLGPL_13455G0063	1.82E+07	2.10E+07	1.46E+07
UNLGPL_13455G0066	1.27E+08	1.42E+08	4.91E+07
UNLGPL_13455G0071	1.21E+06	1.26E+06	9.74E+05
UNLGPL_13455G0081	1.64E+07	1.94E+07	1.73E+07
UNLGPL_13455G0088	4.21E+06	4.75E+06	4.12E+06
UNLGPL_13455G0103	2.67E+07	2.80E+07	1.88E+07
UNLGPL_13459G0006	3.15E+08	4.48E+08	4.53E+08
UNLGPL_13459G0010	9.05E+05	9.22E+05	8.38E+05
UNLGPL_13459G0036	4.92E+07	5.43E+07	4.63E+07
UNLGPL_13459G0040	9.06E+07	1.03E+08	9.66E+07
UNLGPL_13459G0041	1.50E+07	1.53E+07	1.17E+07
UNLGPL_13459G0043	4.75E+06	5.21E+06	3.93E+06
UNLGPL_13459G0072	1.74E+06	1.94E+06	1.54E+06
UNLGPL_13459G0074	1.36E+07	1.30E+07	9.06E+06
UNLGPL_13459G0096	9.12E+06	9.90E+06	8.02E+06
UNLGPL_13459G0100	5.68E+07	6.04E+07	4.59E+07
UNLGPL_13459G0102	4.71E+06	5.26E+06	4.97E+06

UNLGPL_13459G0107	4.32E+06	4.36E+06	4.30E+06
UNLGPL_13459G0108	9.23E+05	9.98E+05	9.34E+05
UNLGPL_13459G0128	6.50E+06	6.60E+06	6.03E+06
UNLGPL_13459G0131	1.08E+08	1.20E+08	8.37E+07
UNLGPL_13459G0134	6.79E+06	7.25E+06	5.87E+06
UNLGPL_13459G0135	1.73E+07	2.00E+07	1.43E+07
UNLGPL_13459G0136	2.54E+06	2.93E+06	2.05E+06
UNLGPL_13459G0142	5.60E+07	6.43E+07	5.70E+07
UNLGPL_13459G0151	7.28E+06	8.18E+06	7.19E+06
UNLGPL_13459G0154	7.15E+06	7.20E+06	6.35E+06
UNLGPL_13459G0156	7.06E+06	7.54E+06	6.16E+06
UNLGPL_13459G0161	3.46E+06	2.95E+06	1.92E+06
UNLGPL_13459G0162	4.13E+07	4.55E+07	4.10E+07
UNLGPL_13459G0171	3.52E+06	3.83E+06	3.17E+06
UNLGPL_13459G0182	1.57E+07	1.85E+07	1.64E+07
UNLGPL_13459G0183	1.13E+08	1.40E+08	1.04E+08
UNLGPL_13459G0187	5.35E+06	5.90E+06	5.23E+06
UNLGPL_13459G0188	8.71E+07	1.04E+08	7.85E+07
UNLGPL_13459G0208	4.90E+06	5.15E+06	3.42E+06
UNLGPL_13459G0211	2.56E+06	2.59E+06	2.28E+06
UNLGPL_13459G0212	9.87E+06	9.92E+06	8.44E+06
UNLGPL_13459G0213	3.32E+07	3.64E+07	3.00E+07
UNLGPL_13459G0219	3.00E+07	3.39E+07	3.13E+07
UNLGPL_13459G0225	1.23E+07	1.34E+07	1.19E+07
UNLGPL_13459G0229	1.98E+07	2.11E+07	1.80E+07
UNLGPL_13459G0230	3.69E+06	4.42E+06	3.55E+06
UNLGPL_13459G0231	4.91E+05	4.99E+05	4.87E+05
UNLGPL_13459G0235	1.49E+06	1.33E+06	8.58E+05
UNLGPL_13459G0236	2.78E+06	2.77E+06	2.73E+06
UNLGPL_13459G0239	2.79E+07	3.05E+07	2.24E+07
UNLGPL_13459G0248	2.40E+06	2.46E+06	2.37E+06
UNLGPL_13459G0249	8.67E+05	1.05E+06	9.10E+05
UNLGPL_13459G0255	3.47E+07	3.97E+07	3.27E+07
UNLGPL_13459G0258	2.62E+07	2.79E+07	2.29E+07
UNLGPL_13459G0259	6.92E+07	7.47E+07	6.17E+07
UNLGPL_13459G0263	7.97E+06	8.65E+06	8.50E+06
UNLGPL_13459G0282	6.31E+06	7.74E+06	1.14E+07
UNLGPL_13459G0287	6.64E+07	7.93E+07	5.88E+07
UNLGPL_13459G0310	1.27E+07	1.32E+07	9.77E+06
UNLGPL_13459G0328	6.86E+06	8.41E+06	5.36E+06
UNLGPL_13477G0019	1.79E+07	1.93E+07	1.51E+07
UNLGPL_13477G0027	1.08E+07	1.29E+07	1.38E+07
UNLGPL_13477G0036	2.07E+06	2.25E+06	1.87E+06
UNLGPL_13477G0046	1.99E+06	2.28E+06	1.99E+06
UNLGPL_13477G0070	1.44E+07	1.14E+07	1.21E+07
UNLIPL_13249G0012	2.65E+06	1.94E+06	2.85E+06
UNLIPL_13606G0018	3.06E+07	4.69E+07	9.27E+07
UNLIPL_13606G0057	8.99E+06	1.09E+07	7.91E+06
UNLIPL_13606G0121	8.31E+05	1.02E+06	1.42E+06
UNLIPL_13606G0200	4.20E+04	4.32E+04	3.76E+04
UNLIPL_13624G0064	1.78E+06	1.29E+06	1.05E+06
UNLIPL_13624G0276	3.24E+07	2.81E+07	1.90E+07
UNLIPL_13624G0297	1.42E+06	1.13E+06	9.48E+05
UNLIPL_15911G0419	1.93E+06	2.25E+06	5.34E+06
UNLIPL_15911G0557	4.14E+05	3.50E+05	2.04E+05
UNLPLA_15548G0011	1.55E+06	1.97E+06	2.66E+06
UNLPLA_15611G0007	1.31E+06	1.60E+06	2.89E+06

UNLPLA_15611G0013	1.81E+07	2.43E+07	5.14E+07
UNLPLA_15618G0024	5.03E+06	6.12E+06	8.28E+06
UNLPLA_15659G0020	2.81E+06	3.16E+06	1.67E+06
UNLPLA_15659G0075	9.74E+05	1.19E+06	2.29E+06
UNLPLA_15689G0157	5.75E+06	9.18E+06	2.22E+07