	A	B	C	D	E	F	G	H	I	J	K	L
1	**Array ID**	**Clone ID**	**Kazusa clone ID**	**Putative function**	**Organisim**	**Normalized value (S)**			**Expression ratio (S_L/S_H)**			
2						C9-H	C9-L	*Lcr1* -L	C9-L/ C9-H	S.D.	C9-L/ *Lcr1*- L	S.D.
3	**028a01**	AV629533	LCL060d11	1,4-alpha-D-glucan6-alpha-D-(1,4-alpha-D)-glucanotransferase	*Triticum aestivum*	2.5	1.5	1.2	0.6	0.2	396.6	791.4
4	**155a03**	AV631247	LCL090h04	1,4-alpha-D-glucan6-alpha-D-(1,4-alpha-D)-glucanotransferase	*Triticum aestivum*	18.5	32.0	19.7	1.8	0.5	1.8	0.7
5	**164h12**	BP095000	MXL034b06	1,4-alpha-glucan branching enzyme isoform SBE2.2 precursor	*Arabidopsis thaliana*	13.7	20.8	25.8	1.4	0.6	0.8	0.4
6	**171f07**	BP098032	MXL085f04	10 kD chaperonin, GroES	*Arabidopsis thaliana*	56.9	22.5	29.8	0.4	0.0	0.8	0.3
7	**026f01**	AV628440	LCL041h06	100 RNP protein	*Spinacia oleracea*	1.5	2.3	2.4	2.7	3.1	1.0	0.1
8	**032h09**	BP093766	MXL013d10	101 kDa heat shock protein	*Nicotiana tabacum*	14.9	13.5	16.9	0.9	0.1	1.1	0.8
9	**036e09**	BP098382	MXL092e05	101 kDa heat shock protein	*Nicotiana tabacum*	24.7	16.5	25.0	0.7	0.1	0.8	0.3
10	**031a04**	BP086366	MX007d04	1021 complete chromosome; segment 6/12	*Sinorhizobium meliloti*	41.5	27.2	22.8	0.7	0.4	1.4	1.0
11	**169e06**	BP097010	MXL068f06	10-formyltetrahydrofolate synthetase	*Arabidopsis thaliana*	11.0	51.1	48.9	4.8	1.4	1.1	0.2
12	**118g10**	AV634260	HC031b07	10-formyltetrahydrofolate synthetase	*Arabidopsis thaliana*	9.7	18.6	26.5	2.1	0.9	0.7	0.1
13	**157b05**	BP086603	MX012f06	11 kD subunit of photosystem I, PsaH	*Chlamydomonas reinhardtii*	220.2	203.3	154.1	0.9	0.2	1.6	1.3
14	**026e01**	AV628354	LCL040e03	11 kDa outer arm dynein light chain	*Chlamydomonas reinhardtii*	14.8	19.6	12.2	1.3	0.3	1.6	0.3
15	**007g03**	AV392240	CM059f07	14-3-3-like protein	*Chlamydomonas reinhardtii*	108.8	129.4	112.9	1.3	0.6	1.3	0.5
16	**007e05**	AV391835	CM056g03	14-3-3-like protein	*Chlamydomonas reinhardtii*	45.6	53.5	58.7	1.2	0.2	1.0	0.2
17	**170f04**	BP097506	MXL077a05	146 kD nuclear protein	*Xenopas laviae*	20.8	16.4	18.5	0.8	0.2	1.0	0.6
18	**006b05**	AV389191	CM035d09	19S proteosome subunit 9	*Arabidopsis thaliana*	16.8	15.7	18.2	0.9	0.2	0.9	0.1
19	**169a11**	BP096826	MXL065e05	1-alpha dynein heavy chain	*Chlamydomonas reinhardtii*	5.5	8.4	3.9	1.7	0.6	3.5	2.5
20	**166b05**	BP095474	MXL042d05	1-alpha dynein heavy chain	*Chlamydomonas reinhardtii*	2.7	5.0	2.3	2.5	1.5	2.5	0.9
21	**166d10**	BP095647	MXL045b09	1-alpha dynein heavy chain	*Chlamydomonas reinhardtii*	16.8	13.4	14.5	0.8	0.2	1.0	0.3
22	**167c08**	BP095974	MXL050d01	1-alpha dynein heavy chain	*Chlamydomonas reinhardtii*	3.7	5.4	6.2	1.5	0.3	0.9	0.2
23	**137c09**	AV386723	CM008e07	1-alpha dynein heavy chain Dhc1	*Chlamydomonas reinhardtii*	38.3	213.5	175.7	5.7	1.4	1.2	0.1
24	**172h01**	BP098554	MXL095d02	1-beta-dynein heavy chain	*Chlamydomonas reinhardtii*	4.0	4.8	4.4	1.0	0.6	1.2	1.1
25	**159g10**	BP088108	MX051g10	1-deoxy-D-xylulose 5-phosphate reductoisomerase	*Arabidopsis thaliana*	21.5	9.0	16.3	0.4	0.1	0.6	0.1
26	**007b10**	AV391285	CM052f08	1-deoxy-D-xylulose-5-phosphate synthase	*Chlamydomonas reinhardtii*	17.3	16.2	17.3	0.9	0.3	0.9	0.2
27	**107f11**	AV386940	CM011g08	1-deoxy-D-xylulose-5-phosphate synthase	*Chlamydomonas reinhardtii*	12.7	13.7	15.0	1.1	0.2	0.9	0.1
28	**013b04**	AV638048	HC081b11	1-hydroxy-2-glutathionyl-2-methyl-3-butene dehydrogenase	*Rhodococcus sp. AD45*	5.9	5.1	5.8	0.9	0.2	0.9	0.1
29	**104b07**	AV397797	CL45c11	2 basic-helix-loop-helix-leucine zipper transcription factor	*Caenorhabditis elegans*	7.3	10.2	7.8	1.4	0.3	1.4	0.4
30	**017e09**	AV643360	HCL068d01	2 basic-helix-loop-helix-leucine zipper transcription factor	*Caenorhabditis elegans*	4.4	4.4	5.1	1.0	0.2	0.9	0.1
31	**116a10**	AV392166	CM095f12	2,3-bisphosphoglycerate-independent phosphoglyceratemutase	*Chlamydomonas reinhardtii*	21.3	18.1	13.5	0.8	0.0	1.3	0.1
32	**161d07**	BP093115	MXL003e11	2,3-bisphosphoglycerate-independent phosphoglyceratemutase	*Chlamydomonas reinhardtii*	33.6	20.6	21.7	0.6	0.1	1.0	0.4
33	**027c01**	AV628985	LCL050a02	20S proteasome alpha subunit PSMA5	*Drosophila melanogaster*	17.8	17.1	17.7	1.0	0.1	1.0	0.2
34	**023e03**	AV625147	LC088e03	20S proteasome beta subunit PBD2	*Arabidopsis thaliana*	17.3	16.5	18.4	1.0	0.3	0.9	0.3
35	**032a01**	BP087563	MX037e08	20S proteasome beta subunit PBG1	*Arabidopsis thaliana*	18.6	19.6	20.9	1.1	0.2	0.9	0.1
36	**010a12**	AV632206	HC005c08	20S proteasome subunit PBA1	*Arabidopsis thaliana*	7.7	9.1	10.5	1.2	0.2	0.9	0.2
37	**031d04**	BP086817	MX017e07	20S proteasome subunit PBA1	*Arabidopsis thaliana*	10.7	9.6	13.2	0.9	0.3	0.7	0.1
38	**008h01**	AV388035	CM077a03	25-hydroxyvitamin D 24-hydroxylase cytochrome P450 subunit	*Homo sapiens*	6.6	9.7	4.9	1.6	0.4	2.0	0.5
39	**029a06**	AV630499	LCL079g11	26S proteasome ATPase subunit	*Arabidopsis thaliana*	40.0	25.6	33.6	0.6	0.0	0.8	0.3
40	**008g04**	AV389255	CM075h03	26S proteasome regulatory complex subunit p39A	*Drosophila melanogaster*	14.7	16.2	23.4	1.1	0.3	0.9	0.5
41	**143e01**	AV625740	LC097c03	26S proteasome regulatory complex subunit p42D	*Drosophila melanogaster*	25.1	23.5	28.1	0.9	0.2	0.9	0.3
42	**130b11**	BP383742	HCL067b05	26S proteasome regulatory subunit	*Arabidopsis thaliana*	17.5	16.8	16.5	1.0	0.2	1.0	0.2
43	**155f09**	AV631538	LCL095h05	26S proteasome regulatory subunit 4 homolog, MTS2	*Arabidopsis thaliana*	20.6	24.1	32.7	1.2	0.1	0.7	0.2
44	**021h10**	AV623138	LC059d10	26S proteasome regulatory subunit 8, XSUG1	*Arabidopsis thaliana*	20.1	19.7	27.8	1.0	0.1	0.7	0.1
45	**025d04**	AV627307	LCL024g02	26S proteasome regulatory subunit S2	*Arabidopsis thaliana*	1.4	1.6	1.3	1.2	0.4	1.4	0.5
46	**136a04**	AV620391	LC021e09	26S proteasome subunit 4-like protein	*Arabidopsis thaliana*	16.5	17.6	26.0	1.1	0.2	0.7	0.1
47	**032a07**	BP087700	MX041g02	29621gene product	*Arabidopsis thaliana*	200.3	180.0	160.4	0.9	0.1	1.2	0.6
48	**159d10**	BP087792	MX043g03	2-cys peroxiredoxin BAS1	*Chlamydomonas reinhardtii*	108.8	125.0	123.7	1.1	0.2	1.3	0.8
49	**116b07**	AV392510	CM096h12	2-isopropylmalate synthase	*Lycopersicon pennellii*	20.9	11.8	15.6	0.6	0.1	0.8	0.1
50	**134b04**	AV619002	LC002e01	2-oxoglutarate dehydrogenase E2 subunit	*Arabidopsis thaliana*	13.2	13.2	11.0	1.0	0.1	1.2	0.2
51	**032b12**	BP093042	MXL002e08	2-oxoglutarate dehydrogenase E2 subunit	*Arabidopsis thaliana*	29.8	18.4	23.3	0.6	0.2	0.8	0.1
52	**007g09**	AV392308	CM060g01	2-oxoglutarate dehydrogenase E2 subunit	*Arabidopsis thaliana*	13.5	12.6	16.8	0.9	0.1	0.8	0.1
53	**026f09**	AV628497	LCL042g07	2-oxoglutarate/malate translocator	*Arabidopsis thaliana*	8.4	22.5	18.1	2.8	1.2	1.3	0.4
54	**023f08**	AV625557	LC094f01	2-oxoglutarate/malate translocator	*Spinacia oleracea*	59.8	39.7	45.9	0.7	0.1	0.9	0.1
55	**004f09**	AV387134	CM012c07	2-oxoglutarate/malate translocator	*Spinacia oleracea*	30.0	20.4	27.9	0.7	0.1	0.8	0.4
56	**126c04**	BP098718	MXL097h10	2-oxoglutarate/malate translocator precursor-like protein	*Arabidopsis thaliana*	9.1	22.0	18.9	2.4	0.5	1.2	0.5
57	**021e07**	AV622532	LC050h08	2-oxoglutarate/malate translocator, OMT103	*Panicum miliaceum*	84.1	76.7	85.2	0.9	0.1	1.0	0.5
58	**034b02**	BP095262	MXL039a09	3',5'-cyclic-nucleotide phosphodiesterase, HSPDE4A7	*Homo sapiens*	9.8	6.2	9.6	0.6	0.1	1.2	0.9
59	**035d11**	BP097035	MXL069a03	30S ribosomal protein S1	*Synechococcus sp. PCC 6301*	109.2	60.1	56.8	0.5	0.1	1.1	0.4
60	**011e05**	AV635047	HC041c03	30S ribosomal protein S13, chloroplast precursor	*Pseudomonas aeruginosa*	45.9	26.9	30.6	0.6	0.3	1.0	0.6
61	**109b05**	AV388211	CM024b07	30S ribosomal protein S20	*Arabidopsis thaliana*	666.5	249.6	566.1	0.4	0.1	0.4	0.1
62	**013g08**	AV639557	HCL001a02	30S ribosomal protein S5	*Synechococcus sp. PCC 6301*	70.5	36.8	49.7	0.5	0.1	0.7	0.2
63	**036b01**	BP097750	MXL080g01	37391gene product	*Arabidopsis thaliana*	27.4	22.0	17.1	0.8	0.4	1.3	0.2
64	**003h12**	AV386497	CM001c02	37kDa chloroplast inner envelope membrane polypeptide	*Nicotiana tabacum*	5.9	3.8	7.4	0.7	0.1	0.5	0.1
65	**139a08**	AV622769	LC054c06	3-dehydroquinate synthase	*Escherichia coli*	20.1	13.6	10.9	0.7	0.2	1.2	0.1
66	**001b06**	AV393557	CL05f02	3-deoxy-D-arabino-heptulosonate y-phosphate synthase	*Arabidopsis thaliana*	20.1	24.8	25.1	1.2	0.3	1.0	0.1
67	**002e05**	AV395473	CL42b03	3-isopropylmalate dehydratase	*Xanthomonas axonopodis*	18.2	16.9	16.9	0.9	0.1	1.0	0.1
68	**033e05**	BP094463	MXL023d11	3-isopropylmalate dehydratase, small subunit	*Arabidopsis thaliana*	63.7	22.6	32.7	0.3	0.1	0.9	0.7
69	**020d01**	AV620949	LC029a11	3-ketoacyl- acyl carrier protein reductase	*Escherichia coli*	6.4	6.6	4.3	1.1	0.4	1.6	0.5
70	**121h04**	AV637604	HC075c07	40S ribosomal protein S0	*Neurospora crassa*	4.8	5.2	4.5	1.1	0.2	1.2	0.2
71	**001g08**	AV394268	CL22e09	40S ribosomal protein S11	*Dunaliella tertiolecta*	46.4	54.8	57.6	1.2	0.1	1.1	0.5
72	**101b11**	AV393432	CL03b03	40S ribosomal protein S12	*Hordeum vulgare*	71.3	75.8	43.4	1.0	0.1	1.8	0.8
73	**104h03**	AV396147	CL54h03	40S ribosomal protein S14		62.2	78.2	52.6	1.4	0.5	1.7	0.7
74	**026h02**	AV628579	LCL044a08	40S ribosomal protein S16	*Arabidopsis thaliana*	113.7	105.6	75.2	1.0	0.2	1.4	0.2
75	**001a11**	AV397616	CL02h08	40S ribosomal protein S17	*Arabidopsis thaliana*	820.3	745.3	687.4	0.9	0.1	1.1	0.1
76	**159a06**	BP087724	MX042d01	40S ribosomal protein S18	*Chlamydomonas reinhardtii*	118.1	176.6	75.9	1.5	0.2	3.6	2.8
77	**018h05**	AV619187	LC004h08	40S ribosomal protein S18	*Chlamydomonas reinhardtii*	85.4	82.9	64.2	1.0	0.1	1.3	0.1
78	**008c07**	AV393227	CM068f05	40S ribosomal protein S19	*Arabidopsis thaliana*	102.6	128.9	96.5	1.3	0.2	1.5	0.7
79	**001h11**	AV394724	CL27c03	40S ribosomal protein S20	*Chlamys farreri*	70.3	68.7	58.8	1.1	0.3	1.2	0.3
80	**133d12**	AV645064	HCL097f11	40S ribosomal protein S21	*Cyanophora paradoxa*	143.2	179.3	94.0	1.4	0.3	2.0	0.9
81	**013h03**	AV639610	HCL001h04	40S ribosomal protein S21	*Arabidopsis thaliana*	31.0	37.6	21.2	1.2	0.1	1.9	0.9
82	**018e02**	AV644563	HCL090f01	40S ribosomal protein S25	*Spodoptera frugiperda*	241.8	279.0	226.0	1.2	0.2	1.3	0.5
83	**133e04**	BP383774	HCL097h07	40S ribosomal protein S27	*Chlamydomonas reinhardtii*	12.8	21.7	13.3	1.7	0.4	1.6	0.5
84	**001f01**	AV394118	CL17f10	40S ribosomal protein S27	*Chlamydomonas reinhardtii*	55.1	52.2	61.0	1.0	0.1	0.9	0.3
85	**165c05**	AV388821	CM072h12	40S ribosomal protein S30	*Arabidopsis thaliana*	137.6	179.2	90.2	1.2	0.4	2.7	2.3
86	**158h05**	BP087707	MX041h03	40S ribosomal protein S4	*Ictalurus punctatus*	325.1	419.4	278.5	1.3	0.1	1.6	0.9
87	**158h06**	BP087708	MX041h04	40S ribosomal protein S4	*Ictalurus punctatus*	369.6	415.7	379.3	1.1	0.2	1.1	0.5
88	**159d03**	BP087775	MX043d04	40S ribosomal protein S5	*Arabidopsis thaliana*	102.8	154.6	92.4	1.5	0.2	1.9	1.1
89	**159c10**	BP087768	MX043c03	40S ribosomal protein S8	*Arabidopsis thaliana*	355.5	366.0	162.0	1.0	0.1	2.9	2.6
90	**014g04**	AV640393	HCL015e04	40S ribosomal protein S9 (S7)	*Arabidopsis thaliana*	220.6	276.8	183.2	1.3	0.3	1.6	0.7
91	**157c09**	BP086788	MX016g11	40S ribosomal protein SA (P40)	*Oryza sativa*	142.3	219.6	155.5	1.7	0.5	1.9	1.1
92	**007f02**	AV392008	CM058a12	40Sribosomal protein S5	*Cicer arietinum*	87.5	105.9	81.9	1.2	0.5	1.4	0.8
93	**029f01**	AV630939	LCL086f04	47 kD protein	*Synechocystis sp. PCC 6803*	11.1	18.2	13.8	1.7	0.8	1.5	0.8
94	**035f04**	BP097221	MXL072a07	47 kD protein	*Synechocystis sp. PCC 6803*	11.6	18.7	15.6	1.6	0.3	1.2	0.4
95	**119f11**	AV635291	HC044d11	4-hydroxyphenylpyruvate dioxygenase	*Daucus carota*	9.8	7.5	7.9	0.8	0.4	0.9	0.2
96	**031a12**	BP086526	MX010g04	4-hydroxyphenylpyruvate dioxygenase	*Daucus carota*	11.5	10.7	11.7	0.9	0.2	0.9	0.3
97	**007f06**	AV392102	CM058c04	5,10-methylenetetrahydrofolatedehydrogenase-5,10-methenyltetrahy	*Pisum sativum*	17.2	19.9	18.6	1.2	0.3	1.1	0.1
98	**019f04**	AV620107	LC017f07	50S ribosomal protein L1, chloroplast precursor	*Pisum sativum*	108.8	52.7	61.6	0.5	0.2	0.9	0.7
99	**010e07**	AV632957	HC014h06	50S ribosomal protein L11	*Synechocystis sp. PCC 6803*	46.6	31.9	32.5	0.7	0.3	0.9	0.4
100	**023e02**	AV625146	LC088e02	50S ribosomal protein L13	*Arabidopsis thaliana*	101.6	64.1	55.0	0.6	0.3	1.2	0.6
101	**011g05**	AV635417	HC046b03	50S ribosomal protein L15, chloroplast precursor	*Pisum sativum*	48.0	26.2	27.5	0.5	0.2	0.9	0.5
102	**159a10**	BP087730	MX042d11	50S ribosomal protein L18	*Oryza sativa*	54.2	38.0	23.8	0.6	0.3	2.9	2.9
103	**008b08**	AV392993	CM066d06	50S ribosomal protein L18	*Oryza sativa*	51.3	26.0	34.1	0.5	0.2	0.8	0.5
104	**121c01**	AV636939	HC066d03	50S ribosomal protein L2	*Thermoanaerobacter tengcongensis*	14.6	13.3	16.7	0.9	0.2	0.8	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
105	**018b07**	AV644217	HCL084b10	50S ribosomal protein L22	*Synechococcus sp. PCC 6301*	45.7	26.3	26.7	0.6	0.4	1.1	0.9
106	**010c10**	AV632566	HC009g05	50S ribosomal protein L3	*Arabidopsis thaliana*	131.4	47.2	63.1	0.3	0.1	0.7	0.4
107	**137c02**	AV621341	LC034f05	50S ribosomal protein L34	*Synechocystis sp. PCC 6803*	52.4	37.7	32.7	0.7	0.4	1.4	1.2
108	**030c03**	AV631489	LCL094h09	50S ribosomal protein L4, chloroplast precursor	*Nicotiana tabacum*	87.1	48.2	48.9	0.5	0.3	1.1	0.7
109	**007d05**	AV391555	CM055b07	50S ribosomal protein L9	*synechocystis sp. PCC 6803*	24.4	17.5	31.4	0.8	0.5	0.6	0.4
110	**030h02**	BP086214	MX004c06	5'-adenylylsulfate kinase	*Enteromorpha intestinalis*	11.2	10.5	14.1	0.9	0.2	0.7	0.1
111	**035h05**	BP097455	MXL076a03	5'-adenylylsulfate reductase	*Chlamydomonas reinhardtii*	41.3	33.2	41.0	0.8	0.1	0.9	0.3
112	**033g05**	BP094848	MXL031a06	5'-AMP-activated protein kinase, beta-1 subunit	*Arabidopsis thaliana*	15.3	17.3	12.9	1.1	0.2	1.4	0.2
113	**010c02**	AV632382	HC007e04	5-enolpyruvylshikimate-3-phosphate synthase precursor	*Petuniahybrida*	23.5	19.4	18.3	0.9	0.2	1.1	0.2
114	**161e03**	BP093184	MXL004f12	5-methyltetrahydrofolate- homocysteine transferase	*Escherichia coli*	25.8	26.8	18.4	1.0	0.1	1.5	0.1
115	**172h06**	BP098561	MXL095e05	5-methyltetrahydrofolate- homocysteine transferase	*Escherichia coli*	23.6	12.7	17.3	0.6	0.3	0.8	0.5
116	**016h09**	AV642703	HCL056d01	5-methyltetrahydrofolate-homocysteinemethyltransferase reductase	*Mus musculus*	11.3	13.4	10.8	1.2	0.5	1.3	0.6
117	**105d10**	AV396539	CL63d11	5-methyltetrahydrofolate-homocysteinemethyltransferase reductase	*Mus musculus*	18.4	17.0	26.0	0.9	0.1	0.7	0.2
118	**105g10**	AV396818	CL69c02	5-oxo-L-prolinase	*Rattus norvegicus*	11.1	10.1	10.3	0.9	0.1	1.0	0.1
119	**144h10**	AV626443	LCL009b08	60S acidic ribosomal protein P2	*Branchiostoma belcheri*	43.1	27.7	19.5	0.7	0.1	1.5	1.1
120	**003d01**	AV397921	CL59g06	60S acidic ribosomal protein P2	*Branchiostoma floridae*	53.7	63.5	53.7	1.2	0.1	1.2	0.4
121	**106f12**	AV397835	CM002g03	60S acidic ribosomal protein Po (L10)	*Caenorhabditis elegans*	9.1	5.2	4.0	0.6	0.1	1.3	0.2
122	**002b06**	AV395014	CL31g07	60S acidicribosomal protein P0	*Zea mays*	63.7	79.9	45.1	1.3	0.2	1.8	0.3
123	**139f07**	BP383803	LC061a09	60S ribosomal protein	*Dunaliella salina*	277.0	310.6	234.7	1.1	0.1	1.4	0.6
124	**004c02**	AV386681	CM004d12	60S ribosomal protein	*Dunaliella salina*	198.4	268.8	211.0	1.4	0.3	1.3	0.2
125	**143b01**	AV625569	LC094g05	60S ribosomal protein L10, EQM	*Arabidopsis thaliana*	124.6	127.2	92.9	1.0	0.3	1.5	0.7
126	**116b01**	AV392639	CM096d08	60S ribosomal protein L10, EQM	*Solanum melongena*	60.1	92.4	71.8	1.6	0.3	1.4	0.5
127	**001d06**	AV393815	CL12b06	60S ribosomal protein L10, EQM	*Solanum melongena*	33.3	29.4	31.9	0.9	0.2	1.0	0.3
128	**143c11**	AV625672	LC096c07	60S ribosomal protein L10, Wilm's tumor suppressor protein homolog	*Oryza sativa*	118.6	133.5	112.6	1.1	0.1	1.3	0.6
129	**108a07**	AV387421	CM015h11	60S ribosomal protein L10, Wilm's tumor suppressor protein homolog	*Caenorhabditis elegans*	85.6	94.0	81.0	1.1	0.1	1.2	0.1
130	**142f05**	AV625346	LC091c03	60S ribosomal protein L10-2, putative tumore supressor SG12	*Oryza sativa*	55.7	77.0	84.0	1.4	0.0	1.2	0.5
131	**001h03**	AV394516	CL25b05	60S ribosomal protein L11	*Chlamydomonas reinhardtii*	112.2	122.1	128.3	1.1	0.2	1.0	0.3
132	**001g04**	AV394338	CL21b03	60S ribosomal protein L12	*Chlamydomonas reinhardtii*	97.6	120.1	94.9	1.2	0.3	1.4	0.7
133	**001c07**	AV393548	CL08f11	60S ribosomal protein L18	*Arabidopsis thaliana*	96.6	104.1	72.1	1.2	0.4	1.5	0.3
134	**158h11**	BP087716	MX042b09	60S ribosomal protein L18	*Arabidopsis thaliana*	177.4	174.1	145.8	1.1	0.6	1.2	0.1
135	**140c03**	AV623698	LC067d10	60S ribosomal protein L18A	*Arabidopsis thaliana*	56.0	57.0	39.7	1.0	0.3	1.5	0.7
136	**004b06**	AV386617	CM003e12	60S ribosomal protein L2 (L8) (ribosomal protein TL2)	*Lycopersicon esculentum*	80.7	78.4	65.4	1.0	0.3	1.4	0.6
137	**118b02**	AV633439	HC020g10	60S ribosomal protein L2 (L8) (ribosomal protein TL2)	*Lycopersicon esculentum*	33.7	48.3	46.2	1.8	1.0	1.3	0.8
138	**001d11**	AV393930	CL13f10	60S ribosomal protein L21	*Oryza sativa*	69.1	58.1	62.2	0.9	0.1	1.2	0.7
139	**001c11**	AV393729	CL09b08	60S ribosomal protein L22	*Schizosaccharomyces pombe*	61.2	71.8	46.9	1.1	0.3	1.6	0.9
140	**158c10**	BP087612	MX039a12	60S ribosomal protein L24	*Hordeum vulgare subsp. vulgare*	274.2	355.4	204.0	1.3	0.1	1.9	1.1
141	**111d12**	AV390730	CM047f03	60S ribosomal protein L24	*Hordeum vulgare*	140.9	164.9	117.8	1.2	0.4	1.5	0.7
142	**001c09**	AV393549	CL08g11	60S ribosomal protein L27	*Pyrobotrys stellata*	58.0	72.5	61.6	1.3	0.2	1.3	0.6
143	**104d06**	AV397743	CL49c03	60S ribosomal protein L27	*Pyrobotrys stellata*	73.8	90.2	57.7	1.2	0.1	1.6	0.2
144	**107d07**	AV397651	CM009f06	60S ribosomal protein L27A	*Arabidopsis thaliana*	53.3	51.7	38.5	1.0	0.0	1.6	0.7
145	**004g11**	AV387105	CM013h07	60S ribosomal protein L3	*Medicago sativa subsp. x varia*	157.6	204.2	272.1	1.3	0.3	0.8	0.3
146	**133b09**	BP383770	HCL096e04	60S ribosomal protein L30	*Lupinus luteus*	50.6	50.0	50.0	1.0	0.1	1.0	0.3
147	**133b01**	BP383764	HCL096a05	60S ribosomal protein L30	*Lupinus luteus*	60.1	54.2	64.7	0.9	0.1	0.9	0.5
148	**005h05**	AV388603	CM030e06	60S ribosomal protein L30 isolog	*Arabidopsis thaliana*	69.4	33.2	66.2	0.5	0.1	0.5	0.1
149	**004a05**	AV386486	CM001g07	60S ribosomal protein L31	*Chlamydomonas reinhardtii*	159.5	153.8	138.3	0.9	0.2	1.1	0.3
150	**001e09**	AV393967	CL15f12	60S ribosomal protein L35A	*Zea mays*	95.9	123.5	117.5	1.3	0.1	1.2	0.6
151	**010c11**	AV632589	HC010a09	60S ribosomal protein L37	*Arabidopsis thaliana*	664.2	648.7	656.6	1.0	0.1	1.0	0.2
152	**016c04**	AV641877	HCL041g04	60S ribosomal protein L37a	*Gossypium hirsutum*	22.2	23.6	11.9	1.5	0.7	1.9	0.8
153	**003g04**	AV396988	CL73d07	60S ribosomal protein L38	*Lycopersicon esculentum*	3.8	5.2	4.2	1.5	0.6	1.3	0.5
154	**018e03**	AV644698	HCL092e01	60S ribosomal protein L39	*Arabidopsis thaliana*	41.9	52.4	41.1	1.3	0.2	1.3	0.3
155	**158d06**	BP087645	MX040b10	60S ribosomal protein L3-B	*Medicago sativa subsp. x varia*	306.3	349.4	404.2	1.2	0.1	0.9	0.3
156	**004h07**	AV387420	CM015f11	60S ribosomal protein L4	*Chlamydomonas sp. HS-5*	80.1	95.8	134.7	1.2	0.1	0.7	0.1
157	**123b11**	AV639354	HC098c09	60S ribosomal protein L5	*Dunaliella salina*	261.0	332.6	240.2	1.3	0.3	1.4	0.2
158	**121d11**	BP383712	HC069d10	60S ribosomal protein L5	*Dunaliella salina*	254.4	305.7	235.2	1.2	0.0	1.3	0.3
159	**008h05**	AV389627	CM079c08	60S ribosomal protein L6, YL16-like	*Arabidopsis thaliana*	48.3	50.8	49.1	1.1	0.2	1.1	0.3
160	**009a08**	AV390244	CM082e10	60S ribosomal protein L7A	*Oryza sativa*	131.2	145.4	107.0	1.1	0.1	1.4	0.1
161	**109a04**	AV387748	CM023b12	60S ribosomal protein L7A	*Oryza sativa*	50.7	81.9	78.9	1.6	0.1	1.1	0.4
162	**001c05**	AV393547	CL08e11	60S ribosomal protein, gibberellin-regulated protein	*Arabidopsis thaliana*	65.1	69.4	78.9	1.1	0.1	0.9	0.3
163	**015f01**	AV641252	HCL030e07	60S ribosomal protein-like	*Arabidopsis thaliana*	63.4	98.1	45.5	1.4	0.4	2.2	1.4
164	**001f07**	AV394058	CL18f05	60S ribosomalprotein L25	*Nicotiana tabacum*	85.2	97.6	76.3	1.2	0.2	1.3	0.5
165	**001f10**	AV394154	CL19e02	60S ribosomalprotein L34	*Nicotiana tabacum*	39.3	38.1	37.1	1.2	0.6	1.0	0.1
166	**031c03**	BP086662	MX013h07	64134 gene product	*Arabidopsis thaliana*	21.6	19.2	17.6	0.9	0.1	1.2	0.2
167	**123h10**	AV639876	HCL006e07	68 kda heat-stress DnaK homolog	*Lycopersicon peruvianum*	22.9	14.9	22.8	0.7	0.0	0.7	0.2
168	**019f07**	AV620133	LC018a06	6-phosphogluconate dehydrogenase	*Chlamydomonas reinhardtii*	19.7	15.5	14.6	0.8	0.1	1.1	0.4
169	**152c03**	AV629857	LCL067g04	70 kDa heat shock protein	*Chlamydomonas reinhardtii*	101.3	31.1	49.4	0.3	0.2	0.6	0.2
170	**016g11**	AV642602	HCL054e09	70 kDa heat shock protein	*Chlamydomonas reinhardtii*	33.6	11.7	21.4	0.4	0.2	0.6	0.2
171	**171e07**	BP097975	MXL084e01	70 kDa heat shock protein, dnaK-type molecular chaperone HSP70	*Chlamydomonas reinhardtii*	40.7	21.0	34.1	0.6	0.3	0.6	0.0
172	**009h04**	AV393113	CM100d06	A_IG002N01.18 gene product	*Arabidopsis thaliana*	74.1	66.1	61.6	0.9	0.2	1.1	0.3
173	**020b05**	AV620779	LC026g04	A22 gene product	*Hordeum vulgare*	22.5	24.8	26.0	1.3	0.4	1.0	0.3
174	**136h05**	AV620967	LC029c12	Aapocytochrome c	*Chlamydomonas reinhardtii*	96.6	94.5	59.8	1.0	0.1	1.6	0.7
175	**017b08**	BP383736	HCL060h04	ABC transporte-like	*Arabidopsis thaliana*	8.9	8.0	11.0	0.9	0.2	0.7	0.2
176	**011f02**	BP383701	HC043a12	ABC transporter	*Synechocystis sp. PCC 6803*	19.0	11.3	13.7	0.7	0.2	0.9	0.2
177	**035f01**	BP097183	MXL071d09	ABC transporter protein 1	*Leishmania major*	12.0	13.0	13.7	1.1	0.6	1.5	1.3
178	**014d08**	BP383724	HCL009c03	ABC transporter-like protein	*Arabidopsis thaliana*	5.9	9.3	10.3	1.6	0.3	0.9	0.1
179	**022b09**	AV623499	LC064g02	ABC1 protein	*Arabidopsis thaliana*	19.8	17.8	21.2	1.0	0.2	0.9	0.1
180	**023f09**	BP383829	LC095g10	ABC-type transmembrane transporter	*Chlamydomonas reinhardtii*	4.1	5.6	4.2	1.5	0.6	1.4	0.6
181	**004d02**	AV386820	CM007a09	accD1 protein	*Mycobacterium tuberculosis*	34.3	36.7	21.2	2.2	1.8	10.6	12.2
182	**008a03**	AV392625	CM062g07	Acetate kinase	*Escherichia coli*	11.3	10.7	6.6	1.0	0.2	1.6	0.4
183	**009f09**	AV392559	CM096h02	Acetate kinase	*Bacillus subtilis*	4.4	4.0	5.6	0.9	0.1	0.7	0.0
184	**031e01**	BP086909	MX020a02	Acetolactate synthase	*Chlamydomonas reinhardtii*	29.5	34.0	33.9	1.2	0.2	1.1	0.4
185	**035h06**	BP097474	MXL076c11	Acetolactate synthase	*Chlamydomonas reinhardtii*	14.5	16.2	19.0	1.1	0.1	0.9	0.1
186	**113b06**	AV392819	CM064e06	Acetolactate synthase	*Chlamydomonas reinhardtii*	27.0	23.6	29.4	0.9	0.1	0.8	0.1
187	**028e09**	AV630100	LCL073b03	Acetyl-CoA synthetase	*Solanum tuberosum*	26.3	24.7	19.5	0.9	0.1	1.3	0.2
188	**015b08**	AV640751	HCL021g11	Acetyl-CoA synthetase	*Arabidopsis thaliana*	91.8	64.9	55.6	0.7	0.3	1.2	0.2
189	**104g09**	AV396178	CL54b10	Acetyl-CoA synthetase	*Solanum tuberosum*	58.8	51.7	55.6	0.9	0.3	1.0	0.5
190	**005f02**	AV387575	CM026e04	Acetyl-CoA synthetase	*Arabidopsis thaliana*	82.8	69.9	90.7	0.9	0.4	0.9	0.4
191	**104d12**	AV643142	HCL064e08	Acetyl-CoA synthetase	*Lupinus luteus*	86.8	86.7	107.2	1.0	0.1	0.8	0.1
192	**132d07**	AU301231	HCL092c03	Acetyl-CoA synthetase	*Arabidopsis thaliana*	157.7	122.4	155.8	0.8	0.3	0.8	0.1
193	**167e07**	BP096096	MXL052f06	Acetyl-CoA synthetase	*Arabidopsis thaliana*	143.1	133.2	170.7	1.0	0.2	0.8	0.1
194	**025f04**	AV627621	LCL029f04	Acetyl-CoA synthetase	*Arabidopsis thaliana*	164.6	117.7	156.4	0.7	0.1	0.8	0.2
195	**123c12**	AV639500	HC100b08	Acetylglutamate kinase	*Synechocystis sp. PCC 6803*	18.8	19.3	16.9	1.0	0.1	1.2	0.1
196	**017f08**	AV643544	HCL071d10	Acetylornithine deacetylase	*Arabidopsis thaliana*	7.6	8.8	9.0	1.2	0.3	1.0	0.3
197	**011b10**	AV634398	HC032h03	Aconitase	*Gracilaria verrucosa*	68.2	51.7	47.5	0.8	0.1	1.1	0.1
198	**166e02**	BP095654	MXL045c08	Aconitate hydratase, mitochondrial precursor	*Gracilaria gracilis*	86.5	66.9	57.7	0.8	0.1	1.2	0.2
199	**013b01**	AV637979	HC080b12	Actin	*Chlamydomonas reinhardtii*	26.6	37.0	33.1	1.4	0.4	1.1	0.1
200	**007a04**	AV390964	CM049b09	Actin	*Chlamydomonas reinhardtii*	30.7	33.8	31.2	1.1	0.1	1.1	0.1
201	**011a10**	AV634140	HC029g05	Acyl carrier protein	*Casuarina glauca*	79.5	60.0	38.6	0.7	0.1	1.5	0.8
202	**014g08**	AV640448	HCL016e05	Acyl-CoA oxidase homolog	*Phalaenopsis sp. 'True Lady'*	15.0	13.4	12.6	0.9	0.2	1.1	0.1
203	**027e09**	AV629257	LCL055d10	Acyl-CoA synthetase-like protein	*Arabidopsis thaliana*	11.6	9.9	12.6	0.9	0.2	0.8	0.2
204	**005g08**	AV388400	CM029d11	Acyl-CoA thioesterase	*Mus musculus*	6.0	5.7	7.9	1.0	0.2	0.7	0.1
205	**160c12**	BP088545	MX062h09	Acyl-CoA-binding protein homolog	*Drosophila melanogaster*	18.0	36.9	20.2	2.0	0.4	2.3	1.6
206	**163f05**	BP094404	MXL022f04	ADA2-like protein	*Plasmodium falciparum*	23.4	16.1	29.0	0.7	0.1	0.6	0.1
207	**007h06**	AV392502	CM061h02	Adenosine 5'-diphosphosugarpyrophosphatase	*Homo sapiens*	14.4	14.7	10.7	1.0	0.1	1.4	0.2
208	**012b12**	AV636341	HC058c04	Adenosine kinase	*Physcomitrella patens*	70.3	49.5	35.5	0.7	0.1	1.4	0.5
209	**163c10**	BP094207	MXL019e11	Adenosine triphosphatase	*Homo sapiens*	11.6	16.7	9.6	1.4	0.2	2.1	1.2
210	**007b11**	AV391287	CM052g12	Adenylate kinase	*Arabidopsis thaliana*	24.0	26.1	26.6	1.1	0.2	1.0	0.1
211	**035g03**	BP097354	MXL074d04	Adenylate kinase, ATP-AMP transphophorylase	*Arabidopsis thaliana*	42.6	32.9	31.7	0.8	0.2	1.2	0.8

	A	B	C	D	E	F	G	H	I	J	K	L
212	**025c07**	AV627243	LCL023e05	Adenylate kinase, ATP-AMP transphophorylase	*Cyprinus carpio*	18.3	19.0	23.2	1.0	0.2	0.8	0.2
213	**026e07**	AV628388	LCL041a07	Adenylate kinase, ATP-AMP transphophorylase	*Oryza sativa*	2.3	3.9	4.9	1.9	1.2	0.8	0.2
214	**006h07**	AV390663	CM047c04	Adenylosuccinate lyase	*Escherichia coli*	12.0	7.8	9.0	0.7	0.1	0.9	0.1
215	**016a05**	AV641588	HCL036h05	Adenylosuccinate synthetase	*Zea mays*	24.1	23.8	16.6	1.0	0.3	1.5	0.9
216	**013h02**	AV639595	HCL001e11	Adenylyl cyclase	*Dictyosteliumdiscoideum*	48.5	59.1	39.5	1.3	0.6	1.7	0.8
217	**032c04**	BP093071	MXL003a01	Adenylyl cyclase	*Dictyosteliumdiscoideum*	14.0	8.7	15.2	0.6	0.1	0.7	0.4
218	**006c07**	AV389598	CM038d11	ADP/ATP translocase	*Chlamydomonas reinhardtii*	95.0	65.0	85.6	0.7	0.2	0.8	0.4
219	**036h10**	BP098879	MXL100f10	ADP-glucose pyrophosphorylase	*Cicer arietinum*	35.2	23.3	27.6	0.7	0.2	0.8	0.2
220	**119c04**	AV634806	HC038b05	ADP-glucose-pyrophosphorylase large subunit	*Triticum aestivum*	15.9	10.2	9.5	0.6	0.2	1.1	0.5
221	**005a02**	AV387454	CM016h10	ADP-ribosylation factor	*Chlamydomonas reinhardtii*	42.4	43.6	45.3	1.1	0.4	1.0	0.3
222	**009e10**	AV392020	CM094d01	ADP-ribosylation factor	*Histoplasma capsulatum*	14.2	17.3	21.9	1.2	0.4	0.8	0.4
223	**147a08**	AV627354	LCL025e03	ADP-ribosylation factor-like 3	*Mus musculus*	14.6	14.3	12.2	1.0	0.1	1.2	0.1
224	**140b04**	BP383807	LC066c01	ADP-ribosylation-like factor homolog ARL6	*Mus musculus*	36.2	33.8	19.3	1.0	0.1	1.8	0.4
225	**141h09**	AV624814	LC083b03	ADP-ribosylation-like factor homolog ARL6	*Mus musculus*	9.6	9.2	9.8	1.1	0.4	0.9	0.1
226	**165f03**	BP095277	MXL039c06	ADP-ribosylation-like factor homolog ARL6	*Mus musculus*	6.3	5.6	7.4	0.9	0.3	0.8	0.3
227	**130h03**	AV643725	HCL074h08	AIM-1	*Rattus norvegicus*	5.0	6.8	4.7	1.5	0.4	1.6	0.8
228	**033h09**	BP095092	MXL035f11	Alanine aminotransferase	*Chlamydomonas reinhardtii*	44.7	83.5	86.8	1.8	0.3	1.0	0.1
229	**002e09**	AV395488	CL42f09	Alanine aminotransferase	*Chlamydomonas reinhardtii*	7.8	21.1	36.7	2.9	1.4	0.6	0.1
230	**145g10**	AV626859	LCL016g10	Alanine:a-ketoglutarate aminotransferase, Aat1	*Chlamydomonas reinhardtii*	13.6	45.5	46.1	3.4	0.6	1.1	0.4
231	**010d03**	AV632677	HC011c01	Alanine-glyoxylate aminotransferase	*Nostoc sp. PCC 7120*	13.7	27.0	20.3	2.0	0.3	1.3	0.1
232	**133e10**	AV645098	HCL098b10	Alanine-glyoxylate aminotransferase 2 homolog	*Arabidopsis thaliana*	15.8	26.4	21.9	1.7	0.6	1.2	0.2
233	**016b04**	AV641714	HCL039c01	Alanyl-tRNA synthetase	*Dictyostelium discoideum*	18.2	14.6	16.3	0.8	0.1	0.9	0.3
234	**030a07**	AV631300	LCL091f07	Alanyl-tRNA synthetase	*Dictyostelium discoideum*	35.7	31.7	37.4	0.9	0.2	0.9	0.3
235	**016d09**	AV642164	HCL046f12	Alanyl-tRNA synthetase	*Dictyostelium discoideum*	12.4	11.2	19.1	0.9	0.1	0.6	0.2
236	**034a11**	BP095252	MXL038h05	Alcohol dehydrogenase	*Salmonella typhimurium*	41.5	23.0	15.4	0.6	0.1	1.5	0.3
237	**031f08**	BP087211	MX028b11	Alcohol dehydrogenase (adhE)	*Escherichia coli*	30.6	22.6	21.1	0.7	0.1	1.1	0.1
238	**005c09**	AV387842	CM022b06	Alcohol dehydrogenase class III	*Pisum sativum*	7.7	6.3	9.4	0.8	0.2	0.7	0.1
239	**133c08**	AV644998	HCL096g07	Alcohol dehydrogenase E	*Giardia intestinalis*	40.6	28.1	18.4	0.7	0.2	1.5	0.2
240	**120b11**	AV635889	HC052c08	Aldehyde dehydrogenase	*Emericella nidulans*	54.0	58.6	45.5	1.1	0.2	1.6	0.9
241	**164b03**	BP094636	MXL026b04	Aldehyde dehydrogenase E	*Clostridium acetobutylicum*	35.2	28.0	11.4	0.8	0.0	2.7	1.0
242	**123d09**	AV639579	HCL001c07	Aldehydedehydrogenase-like protein	*Arabidopsis thaliana*	203.8	177.5	169.7	1.0	0.4	1.1	0.2
243	**138g10**	AV622582	LC051e10	Aldosereductase	*Rattus norvegicus*	8.2	11.4	12.2	1.4	0.6	0.9	0.4
244	**105b10**	AV397916	CL59b12	ALG-2-interacting protein X	*Arabidopsis thaliana*	3.9	4.1	5.7	1.1	0.1	0.8	0.4
245	**001g09**	AV394241	CL22h01	Alpha-amylase	*Phaseolus vulgaris*	8.9	8.0	10.8	0.9	0.2	0.8	0.2
246	**010c07**	AV632514	HC009b10	alpha-glucan phosphorylase type H isozyme	*Solanum tuberosum*	17.5	21.2	23.2	1.2	0.2	0.9	0.2
247	**160a10**	BP098867	MXL100d12	Alpha-glucan phsphorylase L-2	*Solanum tuberosum*	50.4	64.3	27.4	1.3	0.4	3.3	2.4
248	**169a05**	BP096783	MXL064h01	Alpha-ketoglutarate decarboxylase	*Escherichia coli*	7.1	7.4	6.0	1.0	0.3	1.2	0.2
249	**021a08**	AV621892	LC042c07	Alpha-tubulin-3	*Chlorarachnion CCMP621*	161.8	269.6	152.5	1.7	0.1	1.8	0.3
250	**023g01**	AV626025	LCL001c01	Alternative NADH-dehydrogenase	*Yarrowia lipolytica*	13.4	8.9	12.8	0.7	0.2	1.1	0.8
251	**035b02**	BP096600	MXL061e12	Alternative oxidase 1	*Chlamydomonas reinhardtii*	8.9	8.6	4.6	1.0	0.1	2.0	0.6
252	**111a02**	AV390036	CM041f03	Alternative splicing factor ASF-3	*Homo sapiens*	13.4	12.1	13.9	1.0	0.5	0.9	0.1
253	**131c03**	AV643970	HCL079d03	Amino acid transport protein	*Arabidopsis thaliana*	4.7	5.7	5.1	1.2	0.3	1.2	0.4
254	**023c04**	AV624870	LC083h03	Aminoacyl tRNA-synthetase	*Arabidopsis thaliana*	33.0	22.3	27.3	0.7	0.2	0.8	0.1
255	**003f10**	AV396885	CL71g03	Aminoacyl-t-RNA synthetase	*Arabidopsis thaliana*	5.8	3.7	6.7	0.7	0.2	0.5	0.1
256	**021d03**	AV622280	LC047e06	Aminoimidazole ribonucleotide synthetase	*Vigna unguiculata*	34.0	23.6	21.0	0.7	0.2	1.1	0.2
257	**009e06**	AV391677	CM092h09	Aminomethyltransferase	*Arabidopsis thaliana*	14.1	25.5	24.3	2.0	0.6	1.1	0.1
258	**024h02**	AV626873	LCL017a11	Aminomethyltransferase	*Mesembryanthemum crystallinum*	15.4	25.6	28.0	1.7	0.2	1.0	0.3
259	**166h08**	BP095818	MXL047h06	Aminopeptidase N	*Neisseria meningitidis MC58*	26.1	23.3	36.6	0.8	0.3	0.7	0.6
260	**027h03**	AV629452	LCL059a05	Aminophospholipid translocase 2	*Trichomonas vaginalis*	2.0	2.0	1.4	1.0	0.2	1.4	0.3
261	**033f05**	BP094653	MXL026e04	Ammonium transporter, Amt2	*Archaeoglobus fulgidus*	9.9	8.2	6.9	0.8	0.1	1.2	0.2
262	**159g04**	BP088037	MX049h08	Ankyrin repeat-containing protein 2	*Arabidopsis thaliana*	45.8	35.4	33.8	0.8	0.1	1.0	0.2
263	**028b10**	AV629721	LCL064e08	Ankyrin repeat-containing protein 2	*Arabidopsis thaliana*	50.3	36.4	36.9	0.8	0.2	1.0	0.3
264	**009f03**	AV392099	CM094g07	Annexin VII	*Dictyostelium discoideum*	5.7	7.9	7.6	1.6	0.5	1.0	0.2
265	**002g01**	AV395701	CL47b08	Antifreeze glycopeptide AFGP polyprotein precursor	*Boreogadus saida*	6.4	10.8	6.6	1.9	0.7	1.7	0.3
266	**019g02**	AV620226	LC019c06	AntioxidAnt enzyme AOE372	*Mus musculus*	43.8	53.2	35.9	1.2	0.1	1.7	0.8
267	**001c10**	AV393709	CL09b05	Apoplastocyanin, PC6-2, precursor	*Chlamydomonas reinhardtii*	237.8	190.7	282.0	0.8	0.2	0.8	0.5
268	**004h10**	AV387442	CM016d01	Apospory-associated protein C	*Chlamydomonas reinhardtii*	54.6	61.3	23.0	1.0	0.3	3.3	3.4
269	**004d04**	AV386805	CM007f02	Apospory-associated protein C	*Chlamydomonas reinhardtii*	20.0	21.2	13.4	1.1	0.1	1.6	0.5
270	**159h03**	BP088168	MX053b08	Arginine deiminase	*Giardia intestinalis*	5.7	6.1	7.5	1.1	0.2	0.9	0.6
271	**006a11**	AV389054	CM034d09	Arginine/serine-rich splicing factor RSP31	*Arabidopsis thaliana*	6.5	5.5	5.5	0.8	0.3	1.0	0.4
272	**007b07**	AV391253	CM052d04	Argininosuccinate synthase-like protein	*Arabidopsis thaliana*	34.1	26.3	29.4	0.8	0.3	1.0	0.4
273	**156h05**	BP086406	MX008b10	Arginosuccinate synthase	*Deinococcus radiodurans*	38.0	31.7	34.5	0.9	0.2	0.9	0.2
274	**024b10**	AV626380	LCL008b07	Arginyl-tRNA synthetase	*Arabidopsis thaliana*	38.3	21.5	28.1	0.6	0.2	0.8	0.2
275	**163f11**	BP094443	MXL023b03	Arylsulfatase	*Chlamydomonas reinhardtii*	7.1	5.6	7.2	0.8	0.2	0.8	0.1
276	**018b03**	AV644146	HCL082g12	Ascorbate oxidase promoter-binding protein	*Cucurbita maxima*	6.8	6.1	5.7	0.9	0.1	1.1	0.2
277	**034h04**	BP096345	MXL057b06	Asparagine synthase (glutamine-hydrolysing)	*Asparagus officinalis*	42.9	18.2	22.6	0.4	0.2	0.8	0.4
278	**155e05**	AV631456	LCL094c10	Asparagine synthetase	*Asparagus officinalis*	33.7	13.8	22.4	0.4	0.1	0.6	0.3
279	**034f04**	BP096037	MXL051e09	Asparaginyl-tRNA synthetase, cytoplasmic 1	*Arabidopsis thaliana*	36.1	21.0	25.1	0.6	0.1	0.9	0.3
280	**107c10**	AV386741	CM008g10	Aspartate aminotransferase	*Arabidopsis thaliana*	10.0	16.5	9.7	1.7	0.3	1.7	0.3
281	**018b11**	AV644287	HCL085e08	Aspartate aminotransferase	*Arabidopsis thaliana*	11.6	9.5	11.0	0.8	0.3	0.9	0.2
282	**150e03**	AV629029	LCL050f06	Aspartate kinase-homoserine dehydrogenase-like protein	*Arabidopsis thaliana*	24.7	39.4	24.8	1.6	0.3	1.7	0.3
283	**129a07**	AV642645	HCL055c07	Aspartate transaminase AAT3	*Panicum miliaceum*	15.6	7.0	9.7	0.5	0.1	0.7	0.2
284	**035f05**	BP097223	MXL072a11	Aspartate transaminase chain 2c	*Medicago sativa*	18.5	12.2	15.3	0.6	0.2	0.9	0.5
285	**012g02**	AV637295	HC071c06	Aspartate-semialdehyde dehydrogenase	*Arabidopsis thaliana*	42.3	44.3	46.7	1.1	0.2	0.9	0.1
286	**159f11**	BP088002	MX049b08	Aspartate-tRNA ligase homolog	*Arabidopsis thaliana*	18.0	16.0	13.8	0.9	0.1	1.1	0.3
287	**013f03**	AV639073	HC094f08	Aspartic proteinase L5	*Oryza sativa*	4.5	16.3	15.8	3.6	0.5	1.1	0.5
288	**005a09**	AV387224	CM018e11	Aspartokinase-homoserine dehydrogenase	*Daucus carota*	14.9	13.7	11.1	0.9	0.1	1.2	0.2
289	**030e06**	AV631709	LCL098e07	Aspartyl aminopeptidase	*Homo sapiens*	11.9	9.5	11.7	0.8	0.1	0.8	0.2
290	**018c04**	AV644316	HCL086b10	AT103 gene produc	*Arabidopsis thaliana*	20.9	10.2	36.6	0.5	0.1	0.3	0.0
291	**022h08**	AV640441	HCL016d01	At1g65900 gene product	*Arabidopsis thaliana*	417.6	222.6	177.1	0.5	0.1	1.5	1.0
292	**036g08**	BP098701	MXL097f06	At1g65900 gene product	*Arabidopsis thaliana*	398.0	207.6	157.5	0.5	0.1	1.4	0.8
293	**013d05**	AV638622	HC088f07	AT3g61320 gene product	*Arabidopsis thaliana*	4.0	79.4	56.7	19.7	0.6	1.4	0.1
294	**118h03**	AV634307	HC031g02	AT5g61670 gene product	*Arabidopsis thaliana*	129.1	85.6	130.4	0.7	0.3	0.7	0.4
295	**027b10**	AV628975	LCL049h01	ATAN11	*Arabidopsis thaliana*	14.1	10.7	14.2	0.8	0.1	0.8	0.1
296	**008f11**	AV389405	CM075b10	ATP binding protein-like	*Arabidopsis thaliana*	6.2	5.5	7.0	0.9	0.5	0.9	0.7
297	**004e02**	AV397672	CM009c08	ATP sulfurylase Ats1	*Chlamydomonas reinhardtii*	34.2	65.7	52.5	1.9	1.2	1.4	1.0
298	**007h12**	AV392566	CM062e04	ATP sulfurylase Ats1	*Chlamydomonas reinhardtii*	36.9	63.3	54.0	1.7	1.3	1.3	1.1
299	**172g05**	BP098521	MXL094f03	ATP synthase alpha chain	*Chlamydomonas reinhardtii*	7.1	6.7	15.6	0.9	0.2	0.6	0.5
300	**009a03**	AV389974	CM081e12	ATP synthase beta chain, mitochondrial	*Chlamydomonas reinhardtii*	81.1	73.6	61.0	1.0	0.4	1.2	0.3
301	**110d04**	AV389212	CM035f05	ATP synthase delta chain, chloroplast	*Chlamydomonas reinhardtii*	112.6	89.4	91.2	0.8	0.1	1.0	0.3
302	**020d04**	AV621001	LC029g07	ATP synthase delta chain, mitochondrial	*Chlamydomonas reinhardtii*	66.9	63.7	56.1	0.9	0.3	1.3	0.7
303	**119f08**	BP383702	HC044c09	ATP synthase gamma chain, chloroplast	*Chlamydomonas reinhardtii*	112.0	73.9	83.0	0.7	0.1	0.9	0.0
304	**012a10**	AV636029	HC054c02	ATP synthase gamma chain, mitochondrial	*Chlamydomonas reinhardtii*	48.9	38.8	38.3	0.8	0.1	1.0	0.1
305	**004d06**	AV386699	CM008b01	ATP synthase gamma-subunit	*Chlamydomonas reinhardtii*	89.8	80.0	85.5	0.9	0.1	0.9	0.0
306	**022d10**	AV623815	LC069a08	ATP/GTP-binding protein	*Paramecium bursaria*	9.4	14.0	9.7	1.5	1.3	1.6	1.4
307	**036e12**	BP098404	MXL092h01	ATP/GTP-binding protein	*Paramecium bursaria*	21.4	24.0	30.9	1.2	0.8	1.5	1.4
308	**145c06**	AV626591	LCL012a04	ATPase	*Solanum tuberosum*	6.9	7.8	8.1	1.2	0.3	1.0	0.1
309	**165g09**	BP095351	MXL040d03	ATP-binding cassette, sub-family C	*Chlamydomonas reinhardtii*	20.5	15.5	27.9	0.7	0.4	0.6	0.4
310	**003f08**	AV396868	CL71a01	ATP-binding cassette, sub-family E	*Homo sapiens*	1.9	2.3	2.3	1.2	0.5	1.2	1.1
311	**132a02**	AV644391	HCL087f11	ATP-binding cassette, sub-family E	*Mus musculus*	22.9	16.0	16.2	0.7	0.1	1.0	0.3
312	**033a02**	BP093833	MXL014d11	ATP-citrate lyase	*Homo sapiens*	16.5	20.4	15.9	1.2	0.1	1.3	0.3
313	**023b09**	AV624758	LC082c03	ATP-dependent Clp protease, proteolytic subunit	*Haemophilus influenzae Rd*	32.3	22.5	27.1	0.7	0.1	0.9	0.3
314	**033c08**	BP094281	MXL020e06	B' regulatory subunit of PP2A	*Arabidopsis thaliana*	25.9	23.8	25.2	0.9	0.1	1.0	0.1
315	**031g02**	BP087305	MX031c07	B9 gene product	*Mus musculus*	21.7	19.5	15.2	0.9	0.1	1.4	0.5
316	**151c02**	AV629391	LCL057h05	Bacterial glutathione-regulated potassium efflux system-like protein	*Arabidopsis thaliana*	18.6	16.7	17.3	1.0	0.3	1.0	0.1
317	**019h05**	AV620353	LC020h10	BAT1	*Homo sapiens*	77.4	59.7	76.1	0.8	0.1	0.8	0.1
318	**130h02**	AV643722	HCL074g10	BBC1 protein	*Chlamydomonassp.*	16.2	12.8	17.7	0.8	0.1	0.7	0.0

	A	B	C	D	E	F	G	H	I	J	K	L
319	**154h02**	AV631167	LCL089g07	Bcp	*Mycobacterium tuberculosis*	7.3	3.6	8.3	0.5	0.0	0.4	0.0
320	**151d02**	AV629441	LCL058g09	Beta transducin isolog	*Arabidopsis thaliana*	14.6	11.1	9.2	0.8	0.2	1.3	0.4
321	**003g12**	AV397105	CL76a01	Beta-1 tubulin	*Chlamydomonas reinhardtii*	75.8	101.0	87.5	1.3	0.3	1.1	0.3
322	**010f08**	AV633292	HC019a09	Beta-amylase	*Arabidopsis thaliana*	16.2	13.3	14.1	0.8	0.2	0.9	0.3
323	**035b06**	BP096653	MXL062e02	Beta-COP-like protein	*Arabidopsis thaliana*	23.7	19.0	20.7	0.8	0.1	0.9	0.3
324	**127a01**	AV641599	HCL037b04	Beta-galactosidase	*synthetic construct*	11.7	10.0	13.6	0.9	0.0	0.7	0.2
325	**009c07**	AV390842	CM087g01	Beta-hydroxybutyrate dehydrogenase	*Ralstonia eutropha*	231.8	263.9	207.7	1.2	0.3	1.4	0.5
326	**029g02**	AV631052	LCL088b07	Beta-ketoacyl-ACP synthase	*Ricinus communis*	61.4	51.5	30.6	0.8	0.2	1.7	0.6
327	**007a11**	AV391044	CM050c03	Beta-ketoacyl-ACP synthase	*Ricinus communis*	23.4	21.6	16.9	0.9	0.1	1.3	0.3
328	**168f10**	BP096656	MXL062e06	Beta-ketoacyl-ACP synthase		25.8	13.7	20.0	0.5	0.1	0.7	0.1
329	**141f10**	AV624684	LC081b11	Beta-ketoacyl-ACP synthase IIIA	*Perilla frutescens*	49.7	51.2	58.1	1.1	0.5	1.0	0.5
330	**015f07**	AV641283	HCL031a05	Beta-ketoacyl-acyl carrier proteinsynthase III	*Porphyra purpurea*	19.5	14.5	13.8	0.8	0.3	1.1	0.2
331	**158e11**	BP087666	MX040h09	Beta-tubulin	*Cynops pyrrhogaster*	172.1	303.5	166.7	1.8	0.2	1.9	0.6
332	**154b11**	AV630853	LCL085c01	Beta-type carbonic anhydrase	*Coccomyxa sp. PA*	23.7	25.5	35.4	1.1	0.1	0.8	0.2
333	**168c02**	BP096374	MXL057g01	Beta-ureidopropionase	*Arabidopsis thaliana*	5.9	16.5	14.2	3.2	1.3	1.3	0.4
334	**008c12**	AV393279	CM068g08	Biotin carboxylase subunit	*Arabidopsis thaliana*	15.7	27.5	24.0	1.8	0.1	1.1	0.1
335	**028e12**	AV630134	LCL073g08	Biotin synthetase, putative	*Thermotoga maritima*	1.2	1.6	1.2	1.4	0.3	1.3	0.3
336	**133a07**	AV644928	HCL095f05	Biotin synthetase, putative	*Thermotoga maritima*	16.1	15.5	13.6	1.0	0.3	1.2	0.4
337	**125d04**	AV640604	HCL019a05	Biotin synthetase, putative	*Thermotoga maritima*	17.9	15.8	15.3	0.9	0.1	1.0	0.2
338	**022d08**	AV623785	LC068f02	Biotin-requiring enzyme	*Arabidopsis thaliana*	67.2	64.0	50.8	0.9	0.1	1.3	0.5
339	**019h10**	AV620515	LC023b06	Bithoraxoid-like protein	*Rattus norvegicus*	8.8	14.6	13.6	1.8	0.5	1.1	0.4
340	**034g03**	BP096184	MXL054c01	Brain-specific protein p25 alpha	*Homo sapiens*	11.2	14.7	12.4	1.3	0.2	1.3	0.5
341	**118h12**	AV634469	HC033g09	Branched chain alpha-keto aciddehydrogenase E1 beta subunit	*Arabidopsis thaliana*	7.9	7.2	8.6	0.9	0.4	0.8	0.3
342	**135a09**	AV619672	LC011f01	Branched-chain alpha keto-acid dehydrogenase E1 alpha subunit	*Arabidopsis thaliana*	25.1	32.1	20.9	1.3	0.3	1.6	0.7
343	**144h08**	AV626429	LCL008h06	Branched-chain alpha-keto acid decarboxylase E1 beta subunit	*Arabidopsis thaliana*	25.6	17.1	20.6	0.7	0.1	0.8	0.1
344	**162h12**	BP094010	MXL016h10	Branching enzyme 3	*Phaseolus vulgaris*	8.2	6.4	11.0	0.7	0.3	0.7	0.6
345	**025c06**	AV627227	LCL023a06	BV-70/5	*Beta vulgaris*	45.7	38.5	41.9	0.9	0.1	0.9	0.1
346	**115b05**	AV390690	CM084h03	BYJ6	*Nicotiana tabacum*	15.2	10.0	11.6	0.7	0.3	0.9	0.2
347	**011h12**	AV635754	HC050e02	C23G10.2 gene product	*Caenorhabditis elegans*	13.2	9.8	11.1	0.7	0.0	0.9	0.1
348	**025g04**	AV627762	LCL031f07	C_2H_2 zinc finger transcription factor	*Drosophila melanogaster*	11.8	12.9	15.7	1.1	0.3	0.8	0.2
349	**035d01**	BP096958	MXL067g04	C54G7.4 gene product	*Caenorhabditis elegans*	8.5	9.5	6.5	1.2	0.3	1.5	0.4
350	**118e02**	AV633809	HC025e08	C54G7.4 gene product	*Caenorhabditis elegans*	6.4	8.0	5.9	1.3	0.6	1.3	0.2
351	**031h10**	BP087515	MX036b12	C-8,7 sterol isomerase; aSI1	*Arabidopsis thaliana*	6.0	7.1	11.3	1.2	0.2	0.6	0.1
352	**035c09**	BP096910	MXL066h09	Ca pump isotaype 4	*Rattus norvegicus*	14.6	15.3	12.3	1.0	0.1	1.3	0.2
353	**014e01**	AV627802	LCL032c05	Ca^{2+}-transporting ATPase		83.3	98.3	74.4	1.2	0.3	1.3	0.3
354	**036a06**	BP097635	MXL078g11	Calcium /calmodulin dependent protein kinase II subtype delta 5	*Rattus norvegicus*	15.7	22.3	19.9	1.4	0.4	1.1	0.1
355	**035f11**	BP097302	MXL073c10	Calcium ATPase	*Caenorhabditis elegans*	14.8	11.3	11.1	0.8	0.1	1.1	0.3
356	**029f12**	AV631020	LCL087f12	Calcium-dependent protein kinase	*Zea mays*	1.7	6.5	3.2	4.0	3.4	1.9	0.6
357	**022a06**	AV623329	LC062b10	Calcium-dependent protein kinase	*Dunaliella tertiolecta*	32.0	31.7	19.2	1.0	0.1	1.6	0.1
358	**138h10**	AV622723	LC053f04	Calcium-dependent protein kinase	*Arabidopsis thaliana*	19.6	43.2	27.2	2.3	1.1	1.6	0.5
359	**029d03**	AV630796	LCL084d09	Calcium-dependent protein kinase	*Dunaliella tertiolecta*	31.5	28.8	22.2	1.0	0.3	1.4	0.6
360	**024b05**	AV626360	LCL007g08	Calcium-dependent protein kinase	*Zea mays*	64.8	61.4	46.1	1.0	0.3	1.3	0.1
361	**012d07**	AV636796	HC064c07	Calcium-dependent protein kinase	*Zea mays*	16.0	19.0	21.9	1.2	0.2	0.9	0.3
362	**025h03**	AV627899	LCL033f02	Calcium-dependent protein kinase - like	*Arabidopsis thaliana*	19.7	33.9	22.8	1.9	1.1	1.5	0.4
363	**029d11**	AV630849	LCL085b07	Calcium-dependent protein kinase - like	*Arabidopsis thaliana*	16.9	30.7	23.5	1.8	0.8	1.3	0.4
364	**026b01**	AV628072	LCL036c08	Calcium-dependent proteinkinase	*Arabidopsis thaliana*	4.5	10.1	4.9	2.5	1.6	2.0	0.4
365	**023a05**	AV624579	LC079f08	Calmodulin	*Chlamydomonas reinhardtii*	122.3	140.8	89.3	1.1	0.3	1.7	0.8
366	**122a02**	AV637732	HC076g08	Calmodulin mutant SYNCAM57C	*synthetic construct*	9.1	8.3	6.6	0.9	0.1	1.3	0.3
367	**028d10**	AV629946	LCL069f04	Calmodulin-domain protein kinase CDPK isoform 5	*Arabidopsis thaliana*	19.1	22.6	27.0	1.2	0.2	0.9	0.2
368	**020b11**	AV620831	LC027d08	Calreticulin	*Chlamydomonas reinhardtii*	91.7	42.2	52.9	0.5	0.2	0.9	0.4
369	**108c12**	AV388203	CM017h06	Calreticulin	*Chlamydomonas reinhardtii*	43.5	18.6	27.5	0.5	0.2	0.7	0.0
370	**028b04**	AV629643	LCL062e10	Calreticulin	*Chlamydomonas reinhardtii*	106.7	29.2	60.7	0.3	0.1	0.5	0.2
371	**012b05**	AV636205	HC056e03	Caltractin, 20 kD calcium-binding protein	*Chlamydomonas reinhardtii*	96.1	81.2	74.7	0.9	0.1	1.1	0.1
372	**011d05**	BP383699	HC038a09	cAMP phosphodiesterase	*Rattus norvegicus*	72.5	108.1	93.2	1.5	0.1	1.2	0.1
373	**011a08**	BP383695	HC029c01	cAMP phosphodiesterase 1	*Rattus norvegicus*	15.8	16.2	17.9	1.0	0.2	0.9	0.2
374	**023f02**	BP383824	LC090a09	cAMP-dependent protein kinase catalytic subunit	*Ustilago maydis*	19.9	22.1	13.4	1.1	0.2	1.7	0.3
375	**017g05**	BP383745	HCL073b01	cAMP-dependent protein kinase regulatory subunit	*Blastocladiella emersonii*	7.2	9.1	7.4	1.4	0.3	1.2	0.4
376	**167b10**	BP095941	MXL049g06	Carbamoyl phosphate synthetase large chain	*Arabidopsis thaliana*	16.3	42.1	20.4	2.7	0.5	2.3	0.8
377	**030b01**	AV631381	LCL092h12	Carbamoyl phosphate synthetase large chain	*Arabidopsis thaliana*	22.0	39.1	21.2	1.8	0.2	1.9	0.4
378	**004g02**	AV387156	CM012h09	Carbamoyl phosphate synthetase large chain	*Arabidopsis thaliana*	14.9	27.6	15.4	2.3	0.8	1.7	0.4
379	**034g12**	BP096327	MXL056g12	Carbamoyl phosphate synthetase large subunit	*Zymomonas mobilis*	14.8	28.6	20.3	2.0	0.4	1.4	0.2
380	**139c04**	AV622931	LC056f11	Carbamoyl phosphate synthetase small subunit	*Arabidopsis thaliana*	32.8	72.4	52.8	2.3	0.6	1.5	0.7
381	**016g02**	AV642483	HCL052f03	Carbamoyl phosphate synthetase small subunit	*Arabidopsis thaliana*	35.1	70.7	63.4	2.2	0.8	1.2	0.4
382	**130g09**	AV631381	HCL074d07	Carbamoyl phosphate synthetase, putative	*Arabidopsis thaliana*	15.1	36.8	22.1	2.4	0.1	1.6	0.3
383	**135e11**	AV620045	LC016h01	Carbonic anhydrase	*Chlamydomonas reinhardtii*	71.1	475.4	233.8	6.4	4.0	1.8	0.6
384	**145c10**	AV626606	LCL012b11	Carboxyl-terminal protease	*Synechocystis sp. PCC 6803*	9.0	12.1	9.7	1.3	0.3	1.3	0.3
385	**029e11**	AV630932	LCL086e04	Carboxyltransferase alpha subunit	*Synechococcus PCC7942*	72.8	50.1	69.2	0.7	0.2	0.7	0.3
386	**113f06**	BP383677	CM069d02	Carboxypeptidase II	*Vigna radiata*	8.8	23.7	17.5	2.6	0.5	1.3	0.2
387	**133g12**	AV645221	HCL099g10	Carnitine acetyl transferase FacC	*Emericella nidulans*	3.4	3.8	3.1	1.1	0.3	1.2	0.3
388	**114h09**	AV390251	CM082b10	Casein kinase I	*Arabidopsis thaliana*	23.1	24.2	23.9	1.1	0.2	1.0	0.2
389	**139a11**	AV622802	LC054g09	Casein kinase II alpha subunit	*Arabidopsis thaliana*	11.0	8.7	7.3	0.8	0.1	1.2	0.1
390	**030e08**	AV631745	LCL099a12	Casein kinase II alpha subunit	*Arabidopsis thaliana*	10.1	7.9	7.9	0.8	0.1	1.1	0.5
391	**005e12**	AV387534	CM026d06	Casein kinase II beta subunit	*Arabidopsis thaliana*	10.3	8.8	12.5	0.9	0.4	1.0	0.8
392	**140c07**	AV623726	LC067g12	CaSm	*Homo sapiens*	8.8	9.0	7.8	1.0	0.2	1.1	0.2
393	**036c07**	BP097974	MXL084d12	Catalase	*Chlamydomonas reinhardtii*	54.3	48.8	32.6	0.9	0.1	1.7	0.8
394	**007b12**	AV391290	CM052h09	Cathepsin	*Mus musculus*	12.1	8.1	13.2	0.7	0.1	0.6	0.2
395	**027c12**	AV629113	LCL052c05	Cation-transporting ATPase PAT1	*Mus musculus*	16.5	12.6	12.9	0.8	0.1	1.0	0.1
396	**010a01**	AV632044	HC003b12	CCAAT-binding transcription factor subunit A	*Arabidopsis thaliana*	13.0	19.8	13.1	1.5	0.1	1.5	0.4
397	**029b03**	BP383844	LCL081f03	Ccm1		2.6	2.3	2.2	1.0	0.5	1.2	0.7
398	**022h01**	AV624318	LC076a12	CCR4-associatedfactor 1	*Arabidopsis thaliana*	11.6	12.7	13.8	1.1	0.1	1.0	0.3
399	**112h02**	AV392347	CM061a11	Ccs1	*Chlamydomonas reinhardtii*	4.7	4.8	5.2	1.0	0.2	0.9	0.1
400	**031d03**	BP086790	MX016h01	Cct-6	*Caenorhabditis elegans*	8.6	5.3	6.0	0.7	0.2	1.1	0.7
401	**032f10**	BP093540	MXL009h01	CCTeta	*Tetrahymena pyriformis*	28.5	19.7	37.2	0.7	0.0	0.7	0.4
402	**172h08**	BP098578	MXL095g09	Cdc14A3 phosphatase	*Homo sapiens*	18.2	16.5	29.6	0.8	0.4	0.8	0.8
403	**021e08**	AV622544	LC051a09	Cdc2+/Cdc28-related protein kinase R2	*Homo sapiens*	5.1	4.1	5.4	0.8	0.1	0.8	0.1
404	**009b07**	AV390770	CM084h08	Cds2	*Streptomyces griseus*	4.9	5.7	5.0	1.2	0.5	1.2	0.5
405	**117c04**	AV632410	HC007h05	Cell division control protein 2 homolog	*Oryza sativa*	7.3	6.0	7.4	0.8	0.2	0.8	0.2
406	**013d11**	AV638708	HC089g05	Cell division control protein 48 homolog	*Arabidopsis thaliana*	9.5	10.7	16.3	1.2	0.4	0.7	0.3
407	**155b06**	AV631305	LCL091g06	Cell division control protein ftsH homolog	*Capsicum annuum*	22.4	33.1	26.1	1.5	0.4	1.6	1.1
408	**036h06**	BP098848	MXL100b04	Cell division protein ftsH protease	*Arabidopsis thaliana*	17.6	22.2	25.5	1.3	0.4	0.9	0.1
409	**141g01**	AV624700	LC081d06	Cell division protein FtsZ	*Synechococcus PCC7942*	10.0	24.9	11.5	2.6	1.8	2.1	0.6
410	**119e12**	AV635179	HC042h08	Cell division protein FtsZ	*Synechococcus PCC7942*	10.5	12.6	10.6	1.2	0.2	1.2	0.1
411	**030d01**	AV631565	LCL096c04	Cell division protein kinase	*Arabidopsis thaliana*	6.8	5.5	5.3	0.8	0.1	1.2	0.6
412	**025c11**	AV627264	LCL024a04	Cell wall lyticenzyme	*Chlamydomonas reinhardtii*	20.9	24.2	17.8	1.2	0.2	1.4	0.3
413	**009h06**	AV392862	CM100f08	Cell wall lyticenzyme	*Chlamydomonas reinhardtii*	92.3	71.8	93.4	0.8	0.2	0.8	0.2
414	**025f06**	AV627623	LCL029f06	Cell wall lyticenzyme	*Chlamydomonas reinhardtii*	25.1	17.3	25.6	0.7	0.2	0.7	0.1
415	**008a01**	AV392573	CM062e08	CFO ATP synthase subunit II precursor	*Volvox carteri f. nagariensis*	389.4	361.2	270.2	0.9	0.1	1.3	0.5
416	**035e06**	BP097101	MXL070a09	CG10064 gene product	*Drosophila melanogaster*	14.6	16.6	11.2	1.1	0.1	1.6	0.4
417	**119f07**	BP098667	MXL097b07	CG13214 gene product	*Drosophila melanogaster*	7.6	6.9	7.2	0.9	0.2	1.0	0.3
418	**022e06**	AV623948	LC070h02	CG15021 gene product	*Drosophila melanogaster*	13.7	12.1	12.1	0.9	0.1	1.0	0.2
419	**166h04**	BP095795	MXL047e07	CG17255 gene product	*Drosophila melanogaster*	15.9	11.1	21.7	0.7	0.4	0.8	0.8
420	**023g12**	AV626125	LCL002g05	CG2069 gene product	*Drosophila melanogaster*	8.9	14.4	11.1	1.6	0.3	1.3	0.1
421	**170f09**	BP097541	MXL077e04	CG2069 gene product	*Drosophila melanogaster*	10.1	9.3	12.0	0.9	0.4	0.7	0.3
422	**121h07**	AV637677	HC076b04	CG9281 gene product	*Drosophila melanogaster*	10.7	3.7	6.3	0.4	0.1	0.7	0.3
423	**161g06**	BP093317	MXL006f07	CG9732 gene product	*Drosophila melanogaster*	10.1	6.9	10.0	0.7	0.2	0.7	0.3
424	**031d08**	BP086864	MX019a07	CGI-104 protein	*Homo sapiens*	8.2	7.2	8.4	0.9	0.1	0.9	0.2
425	**022h02**	AV624321	LC076b03	CGI-110 protein	*Homo sapiens*	13.9	12.3	10.9	0.9	0.2	1.1	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
426	**135d10**	AV619833	LC015f01	CGI-110 protein	*Arabidopsis thaliana*	11.0	15.2	10.0	1.4	0.2	1.6	0.3
427	**114a01**	AV388662	CM072a02	CGI-137 protein	*Homo sapiens*	6.8	5.5	5.7	0.9	0.5	1.0	0.2
428	**019a10**	AV619493	LC009a09	CGI-25 protein	*Homo sapiens*	10.0	9.8	5.7	1.2	0.6	1.8	0.4
429	**109f05**	AV387998	CM028b10	CGI-32 protein	*Homo sapiens*	12.8	8.4	9.6	0.7	0.1	0.9	0.2
430	**109c03**	AV388134	CM025a01	CGI-37 protein	*Homo sapiens*	11.0	7.6	7.1	0.7	0.1	1.1	0.3
431	**137g05**	AV621850	LC041g03	CGI-46 protein	*Homo sapiens*	11.6	10.5	12.3	1.0	0.3	0.9	0.2
432	**149g06**	AV628632	LCL044h01	CGI-53 protein	*Homo sapiens*	25.9	31.8	28.1	1.2	0.1	1.2	0.3
433	**030f06**	BP383849	LCL100f11	cGMP-dependent protein kinase 1 alpha isozyme	*Homo sapiens*	5.2	5.0	4.9	1.0	0.3	1.0	0.1
434	**019h08**	AV620477	LC022f09	Chain A, human glutathione S-transferase P1-1	*Homo sapiens*	26.2	16.6	19.6	0.6	0.0	0.9	0.4
435	**029h02**	AV631153	LCL089e12	Chain A, phosphorylated form of yeast glycogen phosphorylase with	*Aspergillus fumigatus*	26.6	26.9	28.7	1.0	0.2	0.9	0.1
436	**152g02**	AV630092	LCL073a01	Chain A, structure of E6ap	*Homo sapiens*	4.4	4.1	4.6	1.0	0.3	0.9	0.2
437	**122a10**	AV637832	HC078b07	Chain A, structures of adenylosuccinate synthetase	*Triticum Aestivum*	71.8	64.2	48.3	0.9	0.1	1.5	0.7
438	**016g01**	AV642474	HCL052e01	Chain A, thermotoga maritima glutamate dehydrogenase	*Ulva pertusa*	12.4	17.4	14.0	1.6	0.8	1.2	0.3
439	**029f04**	AV630948	LCL086g05	Chain B, mouse gabp alpha	*Mus musculus*	13.6	12.0	10.6	0.9	0.2	1.2	0.4
440	**012h07**	AV637631	HC075f02	Chaperonin 10	*Spinacia oleracea*	17.1	9.0	11.4	0.5	0.1	0.8	0.1
441	**012a12**	AV636074	HC054h03	Chaperonin 60 alpha chain precursor, Chloroplast	*Chlamydomonas reinhardtii*	38.7	16.8	15.6	0.4	0.1	1.1	0.1
442	**035a04**	BP096510	MXL059h05	Chaperonin alpha-like subunit	*Chlamydomonas reinhardtii*	62.7	21.3	21.8	0.4	0.1	1.0	0.4
443	**165e06**	BP095237	MXL038f03	Chaperonin alpha-like subunit	*Chlamydomonas reinhardtii*	53.1	24.3	27.2	0.5	0.3	0.9	0.3
444	**006h05**	AV390623	CM047c01	Chaperonin beta-like subunit	*Chlamydomonas reinhardtii*	42.3	14.8	16.6	0.4	0.2	0.9	0.1
445	**004b02**	AV397884	CM002h12	Chaperonin-60 beta subunit	*Solanum tuberosum*	24.1	18.7	13.0	0.8	0.4	1.4	0.4
446	**035c08**	BP096879	MXL066c09	CHE-2 protein	*Caenorhabditis elegans*	19.8	18.2	22.3	0.9	0.1	0.8	0.1
447	**025b10**	AV627152	LCL021h08	Chimeric AFGP/trypsinogen-like serine protease precursor	*Dissostichus mawsoni*	52.5	92.0	42.2	1.7	0.1	2.2	0.2
448	**166g12**	BP095777	MXL047c04	Chimeric AFGP/trypsinogen-like serine protease precursor	*Dissostichus mawsoni*	34.7	59.6	37.2	1.7	0.1	1.6	0.2
449	**006g02**	AV390383	CM045g06	Chitinase		16.1	23.5	16.1	1.5	0.4	1.5	0.1
450	**005c12**	AV387825	CM022e06	Chlamyopsin	*Chlamydomonas reinhardtii*	44.5	51.4	48.7	1.2	0.1	1.1	0.1
451	**002f05**	AV395607	CL44c09	Chlamyopsin	*Chlamydomonas reinhardtii*	37.0	60.8	68.1	1.6	0.2	0.9	0.1
452	**159h09**	BP088195	MX053g08	Chlamyopsin	*Chlamydomonas reinhardtii*	76.4	62.9	95.3	0.8	0.5	0.6	0.2
453	**150g03**	AV629131	LCL052g03	Chlorophyll a oxygenase	*Chlamydomonas reinhardtii*	24.5	21.3	26.8	0.9	0.1	0.8	0.2
454	**121e08**	AV637269	HC070h07	Chlorophyll a oxygenase	*Chlamydomonas reinhardtii*	13.6	9.6	15.4	0.7	0.3	0.6	0.1
455	**133c05**	AU301234	HCL096f11	Chlorophyll a/b binding protein 4, chloroplast precursor	*Arabidopsis thaliana*	122.5	67.9	134.8	0.5	0.1	0.5	0.3
456	**008a09**	AV392784	CM063h05	Chlorophyll a/b binding protein 4, chloroplast precursor	*Arabidopsis thaliana*	89.3	51.5	102.7	0.5	0.3	0.5	0.2
457	**138b10**	AV622124	LC045d09	Chlorophyll a/b-binding protein	*Chlamydomonas reinhardtii*	334.7	246.9	279.8	0.7	0.2	1.0	0.5
458	**020g04**	AV621413	LC035g04	Chlorophyll a/b-binding protein	*Pinus sylvestris*	13.3	13.9	14.9	1.0	0.3	0.9	0.3
459	**021b10**	AV622064	LC044e12	Chlorophyll a/b-binding protein	*Chlamydomonas reinhardtii*	383.2	240.9	331.8	0.6	0.2	0.8	0.5
460	**119c12**	AV634892	HC039d01	Chlorophyll a/b-binding protein	*Chlamydomonas reinhardtii*	126.1	102.9	115.8	0.8	0.1	0.9	0.4
461	**135e04**	AV620007	LC016b06	Chlorophyll a/b-binding protein homolog LI818r-1	*Chlamydomonas reinhardtii*	46.3	342.4	142.8	8.3	3.0	2.6	1.2
462	**155d01**	AV631388	LCL093a12	Chlorophyll a/b-binding protein homolog LI818r-1	*Chlamydomonas reinhardtii*	22.9	203.6	85.4	10.1	5.5	2.4	0.2
463	**158e03**	BP087655	MX040d11	Chlorophyll a/b-binding protein homolog LI818r-1	*Chlamydomonas reinhardtii*	10.6	232.0	120.0	22.4	4.3	2.0	0.2
464	**144d03**	AV626238	LCL004h07	Chlorophyll a/b-binding protein homolog LI818r-1	*Chlamydomonas reinhardtii*	12.0	201.8	129.3	16.9	1.3	1.9	0.9
465	**135g04**	AU301237	LC018h11	Chlorophyll a/b-binding protein homolog LI818r-1	*Chlamydomonas reinhardtii*	9.0	145.1	85.2	15.6	4.1	1.7	0.2
466	**019b05**	AV619622	LC010h06	Chlorophyll a/b-binding protein homolog LI818r-1	*Chlamydomonas reinhardtii*	7.0	113.1	73.6	17.2	5.3	1.6	0.3
467	**141b10**	AV624334	LC076c10	Chlorophyll a/b-binding protein homolog LI818r-1	*Chlamydomonas reinhardtii*	25.0	63.8	53.0	2.5	0.3	1.4	0.8
468	**158g07**	BP087696	MX041f09	Chlorophyll a/b-binding protein homolog LI818r-1	*Chlamydomonas reinhardtii*	7.3	94.2	70.2	13.8	7.5	1.3	0.4
469	**006g01**	AV390359	CM045d09	Chlorophyll a/b-binding protein type II, photosystem I	*Loliumtemulentum*	161.7	127.1	163.6	0.8	0.3	0.8	0.3
470	**134h02**	AU301236	LC009h08	Chlorophyll a/b-binding protein type III precursor	*Lycopersicon esculentum*	342.1	272.3	296.4	0.8	0.1	0.9	0.1
471	**156e03**	BP086151	MX002h01	Chlorophyll a/b-binding protein type III precursor	*Lycopersicon esculentum*	392.9	294.2	344.2	0.7	0.2	0.8	0.3
472	**009f12**	AV392486	CM097a12	Chlorophyll a/b-binding protein type III precursor	*Lycopersicon esculentum*	196.7	100.6	169.9	0.5	0.0	0.6	0.1
473	**114e01**	AV388010	CM077d05	Chlorophyll synthase 33 kD subunit	*Synechocystis sp. PCC 6803*	16.4	11.6	14.0	0.7	0.1	0.8	0.3
474	**114c10**	AV389439	CM075d06	Chlorophyll synthase 33 kD subunit	*Synechocystis sp. PCC 6803*	31.1	22.5	27.2	0.7	0.1	0.8	0.2
475	**139f12**	AV623307	LC061h08	Chloroplast 30S ribosomal protein S10	*Porphyra purpurea*	123.1	50.7	51.7	0.4	0.2	1.0	0.8
476	**120c09**	AV635933	HC052h07	Chloroplast 50S ribosomal protein L1	*Thermosynechococcus elongatus BP-*	90.1	49.0	60.1	0.5	0.1	1.0	0.6
477	**007f08**	AV392143	CM058e05	Chloroplast 50S ribosomal protein L21	*Odontella sinensis*	54.7	26.1	42.0	0.5	0.2	0.6	0.3
478	**036b08**	BP097885	MXL082h10	Chloroplast 50S ribosomal protein L27	*Arabidopsis thaliana*	109.5	59.9	65.0	0.5	0.1	1.0	0.7
479	**024c01**	AV626401	LCL008e04	Chloroplast carbonic anhydrase	*Chlamydomonas reinhardtii*	53.4	108.5	90.4	2.1	0.4	1.2	0.2
480	**014e04**	AV640090	HCL010b09	Chloroplast EF-G	*Pisum sativum*	32.7	20.8	24.9	0.7	0.2	0.8	0.1
481	**159c11**	BP087769	MX043c04	Chloroplast heat shock 22kD protein	*Chlamydomonas reinhardtii*	4.6	5.4	4.5	1.3	0.6	1.5	1.1
482	**030g10**	BP086189	MX003f04	Chloroplast heat shock 22kD protein	*Chlamydomonas reinhardtii*	7.6	6.2	7.8	0.8	0.1	0.8	0.2
483	**018c05**	AV644334	HCL086e11	Chloroplast inner envelope protein, 110kD	*Pisum sativum*	15.4	10.6	14.9	0.7	0.0	0.8	0.2
484	**022b07**	AV623489	LC064e11	Chloroplast membrane protein, Ccp1	*Chlamydomonas reinhardtii*	7.4	287.2	175.6	38.4	14.0	1.6	0.1
485	**017d10**	AV643229	HCL066a06	Chloroplast mRNA-binding protein CSP41 precursor	*Spinaciaoleracea*	21.4	25.8	29.7	1.2	0.2	0.9	0.1
486	**032f03**	BP093485	MXL009a09	Chloroplast ppGpp synthase/degradase	*Chlamydomonas reinhardtii*	24.4	54.0	35.4	2.6	1.4	1.5	0.3
487	**153a10**	AV630302	LCL076h10	Chloroplast processing enzyme	*Arabidopsis thaliana*	14.1	14.7	10.6	1.0	0.1	1.4	0.1
488	**016g05**	AV642501	HCL052h10	Chloroplast processing enzyme	*Arabidopsis thaliana*	7.4	8.2	7.8	1.2	0.2	1.0	0.3
489	**007h07**	AV392506	CM061h06	Chloroplast ribosomal protein L10	*Nicotiana tabacum*	49.3	24.3	40.7	0.5	0.1	0.7	0.3
490	**025h01**	AV627885	LCL033d03	Chloroplast ribosomal protein L17	*Nicotiana tabacum*	45.6	24.9	26.0	0.5	0.1	1.0	0.6
491	**001h10**	AV394684	CL27c02	Chloroplast SecA homolog	*Zea mays*	6.2	3.9	5.9	0.6	0.1	0.7	0.2
492	**009b02**	AV390357	CM083g10	Chloroplast w6 desaturase	*Chlamydomonas reinhardtii*	36.9	54.2	60.0	1.6	0.7	0.9	0.3
493	**130d02**	AV643413	HCL069c06	Chorismate synthase	*Lycopersicon esculentum*	11.4	6.4	7.0	0.6	0.1	1.0	0.3
494	**148a10**	AV627826	LCL032f02	Chromate resistance protein homolog	*Vibrio cholerae*	10.4	29.5	20.1	2.9	0.5	1.5	0.1
495	**027c09**	AV629105	LCL052b03	Chromosome-associated protein-E homolog	*Arabidopsis thaliana*	14.3	11.1	13.0	0.8	0.1	1.0	0.6
496	**128c04**	AV642247	HCL048c09	Chromosome-associated protein-E homolog	*Arabidopsis thaliana*	15.1	14.1	17.9	1.0	0.2	0.8	0.1
497	**152d11**	AV629976	LCL070c10	Cinnamyl alcohol dehydrogenase-like protein, subunit b	*Arabidopsis thaliana*	115.2	110.8	80.2	1.0	0.3	1.7	0.9
498	**027a03**	AV628738	LCL046d07	Citrate synthase	*Daucus carota*	41.0	32.1	27.6	0.8	0.2	1.3	0.6
499	**139e03**	AV623120	LC059b10	Citrate synthase	*Arabidopsis thaliana*	47.3	29.2	37.9	0.6	0.1	0.9	0.4
500	**021c03**	AV622115	LC045c09	Citrate synthase, glyocysomal	*Arabidopsis thaliana*	145.0	142.1	116.3	1.0	0.1	1.5	0.9
501	**004g01**	AV387175	CM012h05	Cks1 protein	*Arabidopsis thaliana*	20.1	20.2	11.6	1.4	0.6	1.7	0.5
502	**005h09**	AV388735	CM031f08	Class III ADH enzyme	*Oryza sativa*	36.5	19.6	33.8	0.5	0.1	0.6	0.3
503	**028g10**	AV630290	LCL076g05	Clathrin adaptor protein small chain subunit	*Arabidopsis thaliana*	15.1	12.9	12.9	0.9	0.2	1.0	0.1
504	**107d06**	AV397707	CM009e10	Clathrin assembly protein AP19	*Arabidopsis thaliana*	8.2	10.5	7.7	1.3	0.2	1.4	0.2
505	**144a04**	AV626071	LCL001h12	Clathrin coat assembly like protein	*Arabidopsis thaliana*	29.2	25.8	20.5	0.9	0.1	1.3	0.1
506	**137c12**	AV621472	LC036f03	Clathrin coat assembly protein AP17	*Zea mays*	18.5	20.4	20.1	1.1	0.3	1.1	0.3
507	**034g05**	BP096212	MXL054f09	Clathrin heavy chain	*Glycine max*	11.9	16.1	12.8	1.4	0.2	1.3	0.2
508	**035a09**	BP096552	MXL060f05	ClpB protein	*Arabidopsis thaliana*	16.3	13.8	16.0	0.8	0.3	0.9	0.5
509	**035b01**	BP096577	MXL061a06	ClpC	*Arabidopsis thaliana*	30.8	24.9	23.2	0.8	0.1	1.3	0.7
510	**002g09**	AV397713	CL49f11	ClpC protease	*Spinacia oleracea*	6.4	7.0	9.5	1.1	0.5	0.8	0.4
511	**012e03**	AV636965	HC066g08	ClpP	*Arabidopsis thaliana*	26.3	21.2	24.3	0.8	0.2	0.9	0.1
512	**036b04**	BP097790	MXL081d08	Coat protein gamma-COP homolog	*Arabidopsis thaliana*	21.8	18.9	23.4	1.0	0.3	0.8	0.1
513	**124g09**	AV640278	HCL013e11	Coatomer alpha subunit	*Arabidopsis thaliana*	16.3	16.9	15.3	1.1	0.2	1.1	0.1
514	**032h12**	BP093817	MXL014c01	Coatomer Complex alpha chain homolog	*Arabidopsis thaliana*	12.5	9.6	14.3	0.8	0.1	0.7	0.2
515	**139d06**	AV623050	LC058c04	Cobalamin-independent methionine synthase	*Arabidopsis thaliana*	4.3	3.2	3.1	0.8	0.3	1.1	0.3
516	**170b02**	BP097259	MXL072f06	Coenzyme A disulfide reductase	*Staphylococcusaureus*	11.3	21.8	8.4	2.1	0.7	6.3	5.8
517	**013b12**	AV638186	HC083a05	COL2	*Arabidopsis thaliana*	7.3	6.6	6.8	0.9	0.2	1.0	0.2
518	**129a03**	AU301230	HCL054h09	Cold shock protein-1	*Triticum aestivum*	34.9	13.0	25.8	0.4	0.2	0.5	0.3
519	**036d04**	BP098159	MXL088d09	Cold shock protein-1	*Triticum aestivum*	41.6	14.5	30.7	0.4	0.2	0.5	0.3
520	**027b06**	AV628915	LCL048h10	Collagen-related protein 4	*Hydra magnipapillata*	19.9	21.4	20.8	1.1	0.2	1.0	0.2
521	**142c04**	AV625023	LC085h07	Conserved hypothetical protein	*Deinococcus radiodurans*	16.9	15.0	9.4	0.9	0.6	1.7	1.2
522	**019a08**	AV619452	LC008e07	Conserved hypothetical protein	*Helicobacter pylori26695*	6.2	8.2	5.5	1.4	0.5	1.6	0.8
523	**020h07**	AV621624	LC038f04	Conserved hypothetical protein	*Agrobacterium tumefaciens str. C58*	38.3	48.1	38.9	1.3	0.2	1.3	0.2
524	**009f06**	AV392201	CM096a10	Conserved hypothetical protein	*Deinococcus radiodurans*	3.6	4.0	5.5	1.3	0.6	0.7	0.2
525	**172a11**	BP098191	MXL089a11	Conserved hypothetical protein yciC	*Bacillus subtilis*	7.9	14.7	7.1	1.9	0.7	2.7	1.8
526	**160e07**	BP088719	MX067c04	Copper response defect 1 protein	*Chlamydomonas reinhardtii*	54.3	10.8	35.0	0.2	0.0	0.3	0.1
527	**032f09**	BP093538	MXL009g11	Coproporphyrinogen III oxidase, Cpx1	*Chlamydomonas reinhardtii*	85.1	23.3	58.6	0.3	0.2	0.4	0.3
528	**007h05**	AV392493	CM061h01	Coproporphyrinogen III oxidase, Cpx1	*Chlamydomonas reinhardtii*	39.5	9.2	32.4	0.3	0.1	0.3	0.1
529	**022d02**	AV623763	LC068c11	CorA-like Mg^{2+} transporter protein	*Arabidopsis thaliana*	20.4	15.3	16.0	0.8	0.1	1.0	0.2
530	**022c05**	AV623570	LC065g06	CorA-like Mg^{2+} transporter protein	*Arabidopsis thaliana*	11.8	9.8	11.3	0.9	0.3	0.9	0.1
531	**030f11**	BP086099	MX001h05	CP12	*Nicotiana tabacum*	173.7	160.5	117.1	1.0	0.2	1.9	1.5
532	**115g01**	AV391320	CM090e02	CP26	*Chlamydomonas reinhardtii*	216.2	150.2	199.5	0.6	0.3	0.7	0.4

	A	B	C	D	E	F	G	H	I	J	K	L
533	**020d03**	AV620953	LC029b07	CP26	*Chlamydomonas reinhardtii*	610.2	286.0	421.0	0.4	0.3	0.6	0.3
534	**112e11**	AV391995	CM058a02	CP26	*Chlamydomonas reinhardtii*	237.0	127.9	203.2	0.5	0.3	0.6	0.2
535	**011d11**	AV634903	HC039e01	CP26	*Chlamydomonas reinhardtii*	274.5	127.9	304.3	0.4	0.2	0.4	0.1
536	**140h11**	AV624149	LC073f02	CPase I A	*Hordeum vulgare var. distichum*	9.5	19.8	18.3	2.1	0.2	1.1	0.2
537	**006c10**	AV389682	CM039a05	CPH1 gene product	*Chlamydomonas reinhardtii*	7.3	9.3	8.0	1.3	0.4	1.2	0.4
538	**123e12**	AV639636	HCL002c01	CPH1 gene product	*Chlamydomonas reinhardtii*	20.4	16.8	23.8	0.8	0.1	0.7	0.2
539	**009f10**	AV392559	CM096h09	Cpn21 protein	*Arabidopsis thaliana*	39.3	17.7	20.8	0.4	0.1	0.9	0.2
540	**022g11**	AV624295	LC075g02	cr-19b23	*Chlamydomonas reinhardtii*	8.9	21.0	14.9	2.3	0.3	1.4	0.2
541	**006c08**	AV619886	LC013a07	CRANT for mitochondrial ADP/ATP translocator protein	*Chlamydomonas reinhardtii*	100.3	55.6	60.7	0.5	0.3	1.1	0.8
542	**034h03**	BP096342	MXL057b02	CREA protein	*Brucella melitensis*	18.2	16.1	19.5	1.0	0.5	0.8	0.2
543	**029e08**	AV630919	LCL086c12	CROC-1-like protein	*Picea mariana*	40.1	30.6	30.4	0.8	0.1	1.0	0.2
544	**120h07**	AV636521	HC060e12	CRTK protein	*Rhodobacter capsulatus*	7.0	5.6	5.2	0.8	0.0	1.1	0.2
545	**153h12**	AV630741	LCL083f01	Cullin 4A	*Homo sapiens*	18.0	19.0	22.4	1.1	0.1	0.9	0.4
546	**030g08**	BP086166	MX003b11	Cyanoglobin	*Synechocystis sp. PCC 6803*	7.3	5.0	5.7	0.7	0.1	0.9	0.2
547	**158h07**	BP087711	MX042a03	Cyanoglobin	*Synechocystis sp. PCC 6803*	3.8	2.0	3.9	0.5	0.4	0.7	0.6
548	**166b06**	BP095479	MXL042e05	Cyclin 2a protein	*Arabidopsis thaliana*	32.8	45.7	25.9	1.4	0.3	1.8	0.4
549	**014h09**	AV640544	HCL018a11	Cyclophilin	*Entamoeba histolytica*	58.3	60.1	74.4	1.0	0.2	0.8	0.1
550	**021e10**	AV622566	LC051c10	Cyclophilin	*Trichophyton mentagrophytes*	28.5	22.6	37.3	0.8	0.2	0.6	0.1
551	**036b06**	BP097831	MXL082a09	Cyclophilin	*Arabidopsis thaliana*	67.1	51.4	90.2	0.8	0.1	0.6	0.1
552	**027d07**	AV629174	LCL053f10	Cyclophilin 1	*Chlamydomonas reinhardtii*	139.9	119.9	143.6	0.9	0.0	0.9	0.4
553	**034g01**	BP096176	MXL054a12	Cyclophilin B	*Dictyostelium discoideum*	62.3	59.5	71.5	1.0	0.1	0.9	0.2
554	**005d04**	AV387820	CM023f08	Cyclophilin B	*Dictyostelium discoideum*	7.8	8.7	10.3	1.1	0.2	0.8	0.1
555	**035a12**	BP096572	MXL060h12	Cyclophilin DiCyp-2	*Dirofilaria immitis*	32.5	33.5	35.5	1.0	0.1	0.9	0.1
556	**026d07**	AV628310	LCL039h06	Cyclophilin OvCyp-2	*Onchocerca volvulus*	30.8	20.1	35.3	0.7	0.1	0.6	0.0
557	**032g06**	BP093606	MXL010g11	CYP1	*Lycopersicon esculentum*	16.8	39.9	47.1	2.5	1.3	0.8	0.2
558	**112d12**	AV391872	CM057b07	CYP97B2p	*Glycine max*	16.5	13.5	9.5	0.8	0.2	1.4	0.4
559	**014b03**	AV639748	HCL004c10	Cys3His zinc finger protein isolog	*Arabidopsis thaliana*	1.2	1.3	0.8	1.3	0.8	1.7	0.5
560	**129f01**	AV642944	HCL061a06	Cys3His zinc finger protein isolog	*Arabidopsis thaliana*	16.7	17.3	14.0	1.0	0.1	1.2	0.2
561	**120h11**	AV636561	HC061b04	CYSQ protein	*Shewanella oneidensis MR-1*	14.9	12.2	14.4	0.8	0.1	0.8	0.1
562	**129b09**	AV642714	HCL056e12	Cystathionine beta-lyase	*Arabidopsis thaliana*	9.1	8.4	9.4	0.9	0.2	0.9	0.1
563	**139d04**	AV623037	LC058a12	Cystein synthase, chloroplast	*Spinacia oleracea*	6.8	6.9	7.6	1.0	0.2	0.9	0.1
564	**120d09**	AV636023	HC054b06	Cysteine proteinase precursor	*Myxine glutinosa*	16.4	18.8	18.4	1.2	0.3	1.0	0.1
565	**157e10**	BP087035	MX023d08	Cysteine proteinase RD21A	*Arabidopsis thaliana*	10.2	30.5	33.0	3.1	1.2	0.9	0.1
566	**020a02**	AV620657	LC025b01	Cysteine proteinase RD21A	*Arabidopsis thaliana*	20.0	38.5	44.9	2.0	1.2	0.8	0.3
567	**158e01**	BP087653	MX040d06	Cytochrome b6/f complex 4 kD subunit	*Chlamydomonas reinhardtii*	69.2	97.8	68.3	1.4	0.2	1.5	0.8
568	**120c03**	AV635909	HC052e10	Cytochrome b6/f complex iron-sulfur subunit	*Chlamydomonas reinhardtii*	87.4	107.7	100.7	1.3	0.4	1.3	0.8
569	**142h07**	AV625509	LC093h06	Cytochrome b6/f complex iron-sulfur subunit	*Chlamydomonas reinhardtii*	144.0	160.8	170.6	1.1	0.3	1.3	0.9
570	**006d10**	AV389929	CM040g12	Cytochrome b6/f complex iron-sulfur subunit	*Chlamydomonas reinhardtii*	80.6	86.6	105.0	1.1	0.2	0.9	0.4
571	**120g09**	AV636430	HC059d04	Cytochrome b6f-associated phosphoprotein	*Chlamydomonas reinhardtii*	53.1	26.0	33.9	0.5	0.2	0.9	0.5
572	**008c03**	AV393137	CM067g11	Cytochrome b6f-associated phosphoprotein precursor	*Chlamydomonas sp. HS-5*	44.0	29.2	32.9	0.7	0.5	1.0	0.6
573	**115d10**	AV390940	CM088b10	Cytochrome b6f-associated phosphoprotein precursor	*Chlamydomonas reinhardtii*	44.6	27.8	38.9	0.6	0.3	0.8	0.4
574	**020a03**	AV620661	LC025b06	Cytochrome c oxidase copper chaperone	*Chlamydomonas reinhardtii*	14.9	10.9	11.3	0.7	0.1	1.0	0.2
575	**113d11**	AV393142	CM067h05	Cytochrome c oxidase subunit 6b	*Oryza sativa*	172.8	183.8	242.9	1.1	0.4	0.8	0.1
576	**110g08**	AV389815	CM040a04	Cytochrome c oxidase subunit 6b-1	*Oryza sativa*	42.8	35.8	36.0	0.8	0.0	1.0	0.1
577	**036c06**	BP097973	MXL084d11	Cytochrome c reductase-processing peptidase subunit I, MPP subun	*Cucumis melo*	88.4	54.8	71.5	0.6	0.1	0.8	0.3
578	**011d03**	AV634782	HC037g12	Cytochrome C1, heme protein	*Chlamydomonas reinhardtii*	7.0	8.2	10.9	1.2	0.1	0.7	0.1
579	**020b10**	AV620824	LC027d01	Cytochrome oxidase subunit 2	*Ramirezella strobilophora*	56.8	44.0	44.9	0.8	0.2	1.1	0.4
580	**004d11**	AV386752	CM008f02	Cytochrome oxidase subunit 3	*Nematoloma aurantiaca*	16.9	16.8	18.1	1.0	0.2	0.9	0.0
581	**035c01**	BP096803	MXL065b05	Cytochrome oxidase subunit II	*Macrotermes gilvus*	81.6	64.2	48.8	0.8	0.1	1.3	0.3
582	**001d01**	AV393698	CL10d07	Cytochromeb6f 4.6 kDa subunit PetM	*Chlamydomonas reinhardtii*	28.1	45.7	39.5	1.7	0.2	1.2	0.4
583	**168a05**	BP096279	MXL055h06	Cytoplasmic dynein heavy chain	*Rattus norvegicus*	10.7	13.7	8.5	1.3	0.2	2.6	1.9
584	**169d05**	BP096950	MXL067e08	Cytoplasmic dynein heavy chain	*Rattus norvegicus*	58.0	53.3	24.0	1.0	0.1	2.4	1.2
585	**163c07**	BP094178	MXL019b08	Cytoplasmic dynein heavy chain	*Rattus norvegicus*	13.3	17.9	14.1	1.4	0.6	1.4	0.6
586	**009h11**	AV631952	HC002b03	Cytoplasmic malate dehydrogenase	*Zea mays*	15.4	17.5	15.7	1.2	0.5	1.1	0.2
587	**002d01**	AV395132	CL36g05	Cytoplasmic ribosomal protein S15a	*Arabidopsis thaliana*	23.0	48.1	28.1	2.1	0.9	1.8	1.0
588	**001f06**	AV394070	CL18e10	Cytoplasmicribosomal protein L18	*Arabidopsis thaliana*	90.9	105.7	86.8	1.3	0.6	1.4	0.5
589	**123b06**	AV639311	HC097g05	Cytosol aminopeptidase	*Arabidopsis thaliana*	17.5	17.8	18.6	1.0	0.1	1.0	0.2
590	**118e08**	AV633901	HC026g01	Cytosolic chaperonin, delta-subunit	*Glycine max*	28.4	33.6	26.7	1.2	0.1	1.3	0.3
591	**021b07**	AV622038	LC044c04	Cytosolic phosphoglucose isomerase; PgiC	*Leaven worthiacrassa*	10.5	12.6	12.4	1.3	0.8	1.1	0.8
592	**009e09**	AV391996	CM093f06	D-3-phosphoglycerate dehydrogenase	*Listeria monocytogenes*	28.1	13.4	23.3	0.5	0.2	0.6	0.2
593	**171b06**	BP097756	MXL080h02	D-beta-hydroxybutyrate dehydrogenase	*Caulobacter crescentus*	24.2	47.1	20.0	2.0	0.3	2.4	0.5
594	**009b01**	AV390407	CM083g04	DEAD box RNA helicase RH15	*Arabidopsis thaliana*	45.4	47.1	51.4	1.0	0.1	1.0	0.2
595	**119a07**	AV634544	HC034g07	DEAD box RNA helicase RH15	*Arabidopsis thaliana*	54.0	44.0	53.6	0.8	0.1	0.9	0.2
596	**101g11**	AV393999	CL16b09	DEAD box-like RNA helicase	*Arabidopsis thaliana*	13.1	10.5	10.3	0.8	0.1	1.0	0.3
597	**029f07**	AV630966	LCL087a03	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide1	*Gallus gallus*	7.9	6.5	6.8	0.8	0.1	1.0	0.4
598	**009h08**	AV631898	HC001d09	DEAD-box protein abstrakt	*Drosophila melanogaster*	13.0	9.4	13.4	0.8	0.2	0.7	0.2
599	**034f05**	BP096049	MXL051f11	DegP protease	*Arabidopsis thaliana*	10.9	10.5	17.9	1.0	0.5	0.6	0.2
600	**165e10**	BP095258	MXL039a02	Delta 9 desaturase	*Arabidopsis thaliana*	23.9	17.8	28.1	0.7	0.1	0.6	0.0
601	**034b05**	BP095299	MXL039e11	Delta-9 stearoyl-acyl carrier protein desaturase	*Thunbergia alata*	31.1	21.0	28.2	0.7	0.1	0.8	0.1
602	**004f12**	AV387152	CM012g08	Delta-aminolevulinic acid dehydratase precursor	*Chlamydomonas reinhardtii*	17.3	10.7	17.9	0.7	0.5	0.7	0.5
603	**005e03**	AV388103	CM025a04	DEM1 protein	*Homo sapiens*	12.3	15.9	12.4	1.3	0.1	1.3	0.1
604	**107h12**	AV387408	CM014d03	Deoxyhypusinesynthase	*Homo sapiens*	8.8	6.6	5.2	0.8	0.4	1.3	0.3
605	**124c02**	AV640062	HCL009f02	Deoxyribonuclease	*Schizosaccharomyces pombe*	7.5	7.2	10.6	1.0	0.1	0.7	0.1
606	**024b06**	AV626362	LCL007g12	Development protein DG1148	*Dictyosteliumdiscoideum*	12.4	45.0	29.7	3.6	1.0	1.5	0.1
607	**154d08**	AV630961	LCL086h06	Developmental protein DG1067	*Dictyostelium discoideum*	6.4	6.7	7.2	1.1	0.2	0.9	0.1
608	**034a10**	BP095247	MXL038g10	Dhc16F gene product	*Drosophila melanogaster*	7.2	6.0	5.9	0.9	0.2	1.1	0.3
609	**166h06**	BP095804	MXL047f05	Dhc16F gene product	*Drosophila melanogaster*	28.4	22.0	51.4	0.8	0.5	0.7	0.6
610	**172h12**	BP098604	MXL096b08	Dhc62B gene product	*Drosophila melanogaster*	12.3	10.5	15.9	0.8	0.2	0.8	0.7
611	**013c08**	AV638430	HC086c07	Diaminopimelate decarboxylase	*Helicobacter pylori J99*	17.6	21.1	21.7	1.2	0.1	1.0	0.2
612	**108h10**	AV387822	CM022g12	Diaminopimelate epimerase	*Arabidopsis thaliana*	9.5	7.3	7.4	0.9	0.4	1.0	0.1
613	**163h05**	BP094545	MXL024g03	Diaminopimelate epimerase	*Arabidopsis thaliana*	9.5	5.0	7.6	0.5	0.1	0.7	0.4
614	**169c11**	BP096921	MXL067b04	Digalactosyldiacylglycerol synthase	*Arabidopsis thaliana*	8.1	11.4	9.6	1.4	0.1	1.3	0.2
615	**106h04**	AV386672	CM004a10	Dihydrodipicolinate synthase	*Nicotiana tabacum*	20.6	15.1	16.0	0.7	0.1	1.0	0.2
616	**004a01**	AV386509	CM001c11	Dihydrolipoamide acetyltransferase	*Saccharomyces cerevisiae*	10.8	12.9	9.5	1.2	0.4	1.3	0.3
617	**024f10**	AV626740	LCL014f12	Dihydrolipoamide acetyltransferase	*Lithospermum erythrorhizon*	7.5	4.4	5.1	0.6	0.2	0.9	0.1
618	**031f11**	BP087260	MX029d06	Dihydrolipoamide acetyltransferase component (E2) ofpyruvate dehy	*Synechocystis sp. PCC 6803*	41.5	22.4	25.1	0.5	0.1	0.9	0.4
619	**021g04**	AU301241	LC054h06	Dihydroorotate dehydrogenase	*Arabidopsis thaliana*	6.9	331.1	192.2	47.9	17.9	1.8	0.3
620	**022e03**	AV623913	LC070d08	Dim1-like	*Homo sapiens*	11.3	10.2	8.4	0.9	0.2	1.2	0.2
621	**032e11**	BP093462	MXL008g03	DIP13 protein	*Chlamydomonas reinhardtii*	1089.2	501.0	937.0	0.5	0.2	0.6	0.4
622	**008d05**	AV397576	CM069c07	Dispersed repetitive DNA, CRP 1	*Chlamydomonas reinhardtii*	10.9	15.6	15.3	1.5	0.4	1.0	0.2
623	**159h02**	BP088154	MX052h09	DNA damage inducible protein homolog	*Schizosaccharomyces pombe*	31.2	16.4	43.5	0.6	0.3	0.6	0.5
624	**022d11**	AV623826	LC069b08	DNA helicase	*Mus musculus*	14.3	21.5	17.5	1.5	0.1	1.2	0.2
625	**126g09**	AV641465	HCL034b02	DNA helicase	*Rhodospirillum rubrum*	4.9	5.4	5.1	1.1	0.1	1.1	0.1
626	**144b02**	AV626136	LCL002h11	DNA helicase Q1	*Mus musculus*	22.4	18.3	15.3	0.9	0.2	1.2	0.2
627	**147a05**	AV627344	LCL025c11	DNA polymerase delta	*Glycine max*	6.7	5.9	5.1	0.9	0.1	1.2	0.2
628	**011h02**	AV635614	HC048e11	DNA primase small subunit	*Arabidopsis thaliana*	7.8	12.7	5.8	1.8	0.6	2.2	0.3
629	**150e02**	AV629024	LCL050e09	DNA replication licensing factor	*Drosophila melanogaster*	27.8	22.6	24.1	0.8	0.1	1.0	0.1
630	**156a06**	AV631681	LCL098b04	DNA segment	*Homo sapiens*	22.8	42.6	17.9	1.9	0.3	2.9	1.7
631	**156b02**	AV631726	LCL098g11	DNA segment	*Homo sapiens*	23.3	37.6	18.1	1.6	0.1	2.4	1.4
632	**159b03**	BP087738	MX042f02	DNA-directed RNA polymerase II largest chain	*Nosemalo custae*	5.4	7.5	3.9	1.4	0.2	2.2	0.6
633	**150a08**	AV628823	LCL047f03	DNA-directed RNA polymerase II largest chain	*Mus musculus*	6.8	8.5	5.5	1.2	0.2	1.6	0.5
634	**129g05**	AV643009	HCL062b05	DNA-directed RNA polymerase II largest chain	*Arabidopsis thaliana*	7.3	8.7	6.6	1.2	0.3	1.3	0.5
635	**169h10**	BP097172	MXL071c02	DNA-directed RNA polymerase II largest chain	*Arabidopsis thaliana*	23.4	14.7	43.9	0.6	0.2	0.6	0.5
636	**153e03**	AV630493	LCL079g02	DNA-directed RNA polymerase II second largest chain	*Arabidopsis thaliana*	12.3	13.7	9.9	1.1	0.2	1.4	0.1
637	**014a09**	AV639710	HCL003e05	DNA-directed RNA polymerase III 128 kD polypeptide	*Drosophila melanogaster*	5.6	6.0	6.8	1.1	0.5	0.9	0.2
638	**136f06**	AV620796	LC027a02	DNA-directed RNA Polymerase III 25 kD Polypeptide-like	*Homo sapiens*	10.8	11.0	9.8	1.1	0.3	1.2	0.4
639	**024f03**	AV626675	LCL013e04	DNA-directed RNA polymerase largest chain	*Cercomonas ATCC50319*	3.6	3.1	3.7	0.9	0.3	0.9	0.5

	A	B	C	D	E	F	G	H	I	J	K	L
640	**014h05**	AV640497	HCL017c12	DNA-directed RNA polymerase subunit 2	*Plasmodium falciparum*	6.8	7.2	6.8	1.0	0.1	1.0	0.3
641	**030c04**	AV631494	LCL095a05	DnaJ	*Listeria monocytogenes*	8.9	9.3	11.8	1.0	0.2	0.8	0.3
642	**148h11**	AV628247	LCL039b01	DnaJ protein homolog	*Homo sapiens*	7.4	8.1	7.3	1.1	0.1	1.1	0.2
643	**114b09**	AV388960	CM073h09	dnaK-type molecular chaperone BiP	*Oryza sativa*	26.2	16.0	23.5	0.7	0.3	0.7	0.2
644	**005g02**	AV388046	CM028c12	Dodecenoyl-Coenzyme A delta isomerase	*Homo sapiens*	13.7	10.3	8.7	0.8	0.2	1.2	0.3
645	**008c06**	AV393219	CM068e06	Dolichyl-diphosphooligosaccharide-protein glycotransferase	*Homo sapiens*	10.4	8.1	11.8	0.8	0.2	0.7	0.2
646	**151f08**	AV629622	LCL062b11	DRH1	*Arabidopsis thaliana*	33.5	24.1	32.1	0.7	0.0	0.8	0.1
647	**114h04**	AV390022	CM081h01	dTDP-glucose 4-6-dehydratase-like protein	*Arabidopsis thaliana*	26.6	34.1	23.2	1.4	0.3	1.7	0.6
648	**158h01**	BP087703	MX041g10	dTDP-glucose 4-6-dehydratase-like protein	*Arabidopsis thaliana*	32.7	40.9	30.4	1.3	0.1	1.4	0.2
649	**022a01**	AV623162	LC059g07	Dual specificity protein phosphatase		22.3	29.8	27.0	1.3	0.3	1.1	0.3
650	**154g09**	AV631145	LCL089e04	Dual-specificitytyrosine-(Y)-phosphorylation regulated kinase 2	*Neurospora crassa*	3.8	3.3	3.6	0.9	0.1	1.0	0.3
651	**021g07**	AV622899	LC056c08	dUTP pyrophosphatase-like protein	*Arabidopsis thaliana*	20.6	16.3	18.0	0.8	0.1	0.9	0.1
652	**003g03**	AV396986	CL73c07	Dynamin-like protein	*Arabidopsis thaliana*	15.3	21.5	22.0	1.4	0.1	1.1	0.4
653	**152d04**	AV629950	LCL069g08	Dynamin-like protein	*Arabidopsis thaliana*	26.8	30.6	32.5	1.1	0.0	1.0	0.4
654	**160d06**	BP088596	MX064e10	Dynein 8 kD light chain, flagellar outer arm	*Chlamydomonas reinhardtii*	71.8	112.3	68.4	1.5	0.1	1.8	0.8
655	**167b02**	BP095887	MXL048g11	Dynein beta chain, flagellar outer arm	*Chlamydomonas reinhardtii*	7.7	27.7	8.2	3.7	1.4	5.5	3.9
656	**172f09**	BP098475	MXL093h05	Dynein beta chain, flagellar outer arm	*Chlamydomonas reinhardtii*	6.4	10.1	8.0	1.5	0.5	1.3	0.7
657	**162g05**	BP093910	MXL015e02	Dynein beta chain, flagellar outer arm	*Chlamydomonas reinhardtii*	16.6	16.6	14.6	1.0	0.4	1.2	0.5
658	**172g12**	BP098550	MXL095c03	Dynein beta chain, flagellar outer arm	*Chlamydomonas reinhardtii*	6.3	8.9	9.1	1.5	0.4	1.0	0.4
659	**172h10**	BP098581	MXL095g12	Dynein beta chain, flagellar outer arm	*Chlamydomonas reinhardtii*	8.5	10.3	13.6	1.1	0.2	0.8	0.6
660	**171g01**	BP098048	MXL085h10	Dynein beta chain, flagellar outer arm	*Chlamydomonas reinhardtii*	15.7	10.0	15.8	0.6	0.4	0.7	0.7
661	**133g01**	AV645173	HCL099c01	Dynein beta heavy chain	*Chlamydomonas reinhardtii*	8.4	18.0	8.8	2.1	0.3	2.1	0.6
662	**015h11**	AV641550	HCL036a06	Dynein beta heavy chain	*Chlamydomonas reinhardtii*	2.4	4.9	3.1	2.0	0.3	1.5	0.5
663	**015f11**	AV641323	HCL031f02	Dynein beta heavy chain	*Chlamydomonas reinhardtii*	3.3	6.5	4.4	1.9	0.3	1.4	0.7
664	**158a05**	BP087362	MX033a09	Dynein gamma chain, flagellar outer arm	*Chlamydomonas reinhardtii*	51.7	34.8	27.3	0.6	0.2	1.9	1.7
665	**171d07**	BP097922	MXL083f01	Dynein gamma chain, flagellar outer arm	*Chlamydomonas reinhardtii*	7.0	8.5	8.4	1.2	0.1	1.0	0.3
666	**164f11**	BP094881	MXL031f01	Dynein gamma chain, flagellar outer arm	*Chlamydomonas reinhardtii*	8.6	11.0	10.6	1.2	0.4	1.0	0.5
667	**035b10**	BP096760	MXL064d11	Dynein gamma chain, flagellar outer arm	*Chlamydomonas reinhardtii*	6.2	6.9	7.1	1.1	0.2	1.0	0.2
668	**131f12**	AV644256	HCL084h01	Dynein heavy chain alpha	*Chlamydomonas reinhardtii*	22.9	21.3	31.6	0.9	0.1	0.9	0.4
669	**166e07**	BP095687	MXL045g10	Dynein heavy chain B2HC	*Anthocidaris crassispina*	8.1	11.3	8.9	1.4	0.2	1.4	0.7
670	**170c05**	BP097332	MXL074a04	Dynein, 78 kD intermediate chain, flagellar outer arm	*Chlamydomonas reinhardtii*	14.3	26.6	18.7	1.9	0.6	1.4	0.4
671	**118h04**	AV634323	HC031h07	EAP30 subunit of ELL complex	*Homo sapiens*	13.1	8.7	12.8	0.7	0.2	0.7	0.4
672	**021b02**	AV621975	LC043d09	Early zygote protein	*Chlamydomonas reinhardtii*	399.9	344.2	342.8	0.9	0.1	1.0	0.1
673	**149e06**	BP383841	LCL043c01	EF1-alpha	*Porphyra purpurea*	42.1	66.5	54.6	1.6	0.4	1.2	0.1
674	**022g12**	AV624315	LC076a05	EF-hand protein superfamily member	*Homo sapiens*	8.0	15.3	11.7	1.9	0.2	1.3	0.1
675	**155b05**	AV631303	LCL091g01	EFPDE3	*Ephydatia fluviatilis*	4.4	5.2	2.4	1.2	0.2	3.3	2.3
676	**021b03**	AV621993	LC043f07	eIF-2 beta subunit	*Triticum aestivum*	40.0	22.5	27.4	0.6	0.2	0.9	0.4
677	**114b01**	AV389058	CM073c08	eIF3-p40 subunit-like	*Arabidopsis thaliana*	19.1	14.9	16.9	0.9	0.6	0.9	0.4
678	**108h03**	AV387886	CM022d01	Elongation facotor TS	*Synechocystis sp. PCC 6803*	52.2	58.7	57.1	1.1	0.2	1.0	0.1
679	**001a06**	AV397625	CL02b12	Elongation facotor TS	*Synechocystis sp. PCC 6803*	39.7	23.4	24.5	0.6	0.2	0.9	0.5
680	**006d12**	AV389996	CM041b12	Elongation facotor TU	*Oryza sativa*	5.9	3.4	3.8	0.6	0.1	0.9	0.3
681	**004b03**	AV386612	CM003d10	Elongation factor 1 alpha	*Giardia lamblia*	106.9	100.3	69.0	0.9	0.0	1.4	0.2
682	**117h03**	AV633208	HC018a08	Elongation factor 1 alpha	*Entamoeba histolytica*	221.5	198.4	150.2	0.9	0.1	1.3	0.1
683	**158f10**	BP087684	MX041d03	Elongation factor 1 alpha	*Ampharetidae sp.*	265.7	265.8	223.5	1.0	0.1	1.2	0.1
684	**001h01**	AV394435	CL24f03	Elongation factor 2	*Beta vulgaris*	43.8	33.1	30.8	0.9	0.4	1.1	0.3
685	**130a02**	BP383740	HCL064g04	Elongation factor 2	*Gallus gallus*	77.4	55.7	54.2	0.7	0.2	1.0	0.3
686	**023a09**	AV624609	LC080b05	Elongation factor P	*Synechococcus PCC7942*	30.6	25.5	20.1	0.9	0.4	1.3	0.6
687	**032g03**	BP093592	MXL010f04	Endomembrane protein EMP70 precusor isolog	*Arabidopsis thaliana*	19.0	17.4	21.9	0.9	0.1	0.8	0.2
688	**005b06**	AV397442	CM020a04	Endomembrane protein EMP70 precusor isolog	*Arabidopsis thaliana*	13.9	10.6	14.0	0.8	0.1	0.8	0.2
689	**035a08**	BP096551	MXL060f01	Endopeptidase Clp ATP-binding chain B	*Nostoc sp. PCC 7120*	16.2	14.4	18.4	1.0	0.5	0.8	0.4
690	**143h04**	AV626023	LCL001b10	Endoplasmic reticulum alpha-mannosidase 1	*Homo sapiens*	62.9	44.6	47.1	0.7	0.1	1.0	0.1
691	**156d06**	BP086090	MX001g04	Endoplasmic reticulum insertion protein	*Arabidopsis thaliana*	18.2	18.3	17.5	1.0	0.2	1.1	0.3
692	**034b07**	BP095330	MXL040a10	Endoplasmic reticulum lumenal protein	*Rattus norvegicus*	17.8	17.8	14.8	1.0	0.1	1.2	0.1
693	**030a02**	AV631271	LCL091c01	Enolase	*Chlamydomonas reinhardtii*	84.7	55.5	42.0	0.7	0.2	1.8	1.2
694	**002c05**	AV395092	CL35d08	Enolase	*Chlamydomonas reinhardtii*	29.9	27.3	26.0	0.9	0.1	1.2	0.7
695	**010e08**	AV632962	HC014h11	Enoyl acp reductase	*Brassica napus*	45.3	36.1	47.0	0.8	0.0	0.8	0.2
696	**024b01**	AV626345	LCL007d05	Envelope protein LIP-36G2, low CO_2 inducible	*Chlamydomonas reinhardtii*	50.8	108.6	96.2	2.3	1.3	1.1	0.2
697	**122g02**	AV638733	HC090b02	ER lumen protein retaining receptor	*Scherffelia dubia*	11.1	10.7	12.4	1.0	0.2	0.9	0.3
698	**122h05**	AV638999	HC093f03	EST	*Arabidopsis thaliana*	13.3	10.1	9.5	0.8	0.2	1.1	0.2
699	**024b04**	AV626358	LCL007g06	EST Gm-c1043	*Glycine max*	7.0	62.6	56.9	10.0	3.9	1.2	0.3
700	**021d02**	AV622255	LC047b12	EST Gm-c1043	*Glycine max*	5.9	66.1	57.5	11.4	1.4	1.2	0.1
701	**143g12**	AV625993	LC100g11	Eukaryotic initiation factor 4A-1	*Arabidopsis thaliana*	247.8	219.0	234.8	0.9	0.1	0.9	0.1
702	**003a04**	AV395877	CL52h10	Eukaryotic proteinkinase	*Arabidopsis thaliana*	6.3	6.1	4.7	1.0	0.2	1.3	0.6
703	**035a03**	BP096506	MXL059g12	Eukaryotic release factor 1 homolog	*Arabidopsis thaliana*	28.1	9.3	16.6	0.3	0.1	0.6	0.1
704	**011g03**	AV635390	HC045g08	Eukaryotic translation initiation factor 1A	*Onobrychis viciifolia*	58.6	88.5	62.1	1.6	0.3	1.4	0.2
705	**114h11**	AV390226	CM082d06	Eukaryotic translation initiation factor 2 beta subunit	*Triticum aestivum*	507.2	217.9	418.2	0.4	0.1	0.5	0.1
706	**013g04**	AV639327	HC097h11	Eukaryotic translation initiation factor 3 subunit	*Homo sapiens*	24.5	15.9	15.4	0.7	0.3	1.0	0.3
707	**119h02**	AV635507	HC047c02	Eukaryotic translation initiation factor 3 subunit 2	*Arabidopsis thaliana*	781.0	780.7	509.5	1.0	0.1	1.7	0.6
708	**163g01**	BP094450	MXL023c01	Eukaryotic translation initiation factor 3 subunit 9	*Oryza sativa*	10.6	4.1	6.5	0.4	0.1	0.6	0.1
709	**155b04**	AV631298	LCL091f05	Eukaryotic translation initiation factor 3, subunit 7	*Homo sapiens*	23.4	11.4	6.9	0.5	0.4	1.8	1.2
710	**156g02**	BP086303	MX006c04	Eukaryotic translation initiation factor 3,subunit 3	*Arabidopsis thaliana*	20.6	9.6	14.9	0.5	0.1	0.7	0.2
711	**014a11**	AV639724	HCL003g10	Eukaryotic translation initiation factor 4	*Triticum aestivum*	38.0	13.2	20.5	0.4	0.1	0.7	0.2
712	**021a11**	AV621942	LC042h08	ExoI protein	*Rhizobium meliloti*	69.8	67.3	52.3	0.9	0.1	1.3	0.4
713	**155f06**	AV631524	LCL095f04	Exopolyphosphatase	*Pseudomonas aeruginosa*	11.0	11.8	18.1	1.1	0.3	0.7	0.2
714	**025f08**	AV627680	LCL030d12	Exportin1 protein	*Arabidopsis thaliana*	21.6	16.5	19.6	0.9	0.3	0.9	0.1
715	**026c10**	AV628261	LCL039c06	Exportin1 protein	*Arabidopsis thaliana*	37.0	22.1	27.0	0.6	0.1	0.8	0.1
716	**033c04**	BP094218	MXL019f10	Exportin1 protein	*Arabidopsis thaliana*	7.6	5.5	7.3	0.7	0.1	0.7	0.1
717	**004a10**	AV397861	CM002g05	Expressed protein	*Arabidopsis thaliana*	25.6	34.8	10.8	1.8	0.9	3.3	0.3
718	**159b04**	BP087740	MX042f08	Expressed protein	*Arabidopsis thaliana*	36.5	32.1	14.6	0.8	0.3	2.8	2.2
719	**022g03**	AV624180	LC074a09	Expressed protein	*Arabidopsis thaliana*	17.3	17.8	16.8	1.0	0.3	1.1	0.2
720	**122d02**	AV638167	HC082g06	Expressed protein	*Arabidopsis thaliana*	17.0	25.1	27.8	1.5	0.4	1.0	0.5
721	**140h08**	AU301244	LC073e06	Expressed protein	*Arabidopsis thaliana*	1636.5	653.1	1160.2	0.4	0.1	0.6	0.5
722	**035e05**	BP097098	MXL070a04	Expressed protein	*Arabidopsis thaliana*	16.7	6.5	12.8	0.4	0.0	0.5	0.2
723	**150f11**	AV629124	LCL052f03	Extensin	*Volvox carteri*	15.9	12.0	17.4	0.8	0.0	0.7	0.1
724	**151d06**	AV629461	LCL059b05	Extensin-like protein	*Arabidopsis thaliana*	38.8	29.7	45.9	0.8	0.1	0.7	0.2
725	**033h03**	BP095013	MXL034d09	F10B6.2	*Arabidopsis thaliana*	9.5	10.0	11.6	1.0	0.3	0.8	0.1
726	**158h10**	BP087714	MX042a11	F10B6.22	*Arabidopsis thaliana*	57.9	40.8	60.2	0.7	0.3	0.7	0.4
727	**035f03**	BP097210	MXL071h04	F12K11.17	*Arabidopsis thaliana*	25.6	28.9	25.8	1.1	0.1	1.3	0.6
728	**160d07**	BP088603	MX064f12	F14N23.23	*Arabidopsis thaliana*	22.3	20.5	21.9	1.0	0.4	1.0	0.3
729	**036a10**	BP097740	MXL080e12	F15H18.3	*Arabidopsis thaliana*	42.1	23.8	25.9	0.6	0.1	0.9	0.1
730	**021c02**	AV622104	LC045b01	F17L21.10	*Arabidopsis thaliana*	5.8	4.0	4.6	0.7	0.1	1.0	0.5
731	**028d12**	AV630002	LCL070g07	F19P19.26	*Arabidopsis thaliana*	19.8	16.7	16.0	0.9	0.3	1.0	0.2
732	**003g11**	AV397084	CL75g08	F19P19.26	*Arabidopsis thaliana*	5.3	6.6	7.2	1.3	0.2	0.9	0.4
733	**160a06**	BP088271	MX055h03	F1L3.24	*Arabidopsis thaliana*	20.2	20.4	11.5	1.0	0.3	2.3	1.4
734	**152h02**	AV630184	LCL075a02	F1N19.22	*Arabidopsis thaliana*	18.2	11.5	16.4	0.6	0.0	0.8	0.3
735	**036d03**	BP098137	MXL088a01	F20P5.21 gene product	*Arabidopsis thaliana*	21.8	14.2	26.3	0.7	0.1	0.8	0.5
736	**020e05**	AV621117	LC031e01	F21B7.14	*Arabidopsis thaliana*	116.9	109.0	114.0	0.9	0.1	1.2	0.8
737	**026c02**	AV628176	LCL037h01	F21J9.12	*Arabidopsis thaliana*	23.2	14.8	15.6	0.7	0.2	1.0	0.1
738	**008h07**	AV389798	CM079h09	F3O9 sequence	*Arabidopsis thaliana*	5.9	6.5	8.4	1.1	0.3	0.8	0.2
739	**112c07**	AV391673	CM055f09	Farnesyl protein transferase subunit B	*Lycopersicon esculentum*	19.4	14.8	20.6	0.8	0.1	0.7	0.3
740	**113c03**	AV392872	CM065b02	Ferredoxin	*Chlamydomonas reinhardtii*	126.4	150.8	119.9	1.2	0.1	1.4	0.7
741	**021e01**	AV622389	LC049a09	Ferredoxin	*Arabidopsis thaliana*	35.5	17.3	16.7	0.5	0.2	1.0	0.6
742	**003e05**	AV396739	CL66c05	Ferredoxin	*Chlamydomonas reinhardtii*	174.6	176.3	197.1	1.0	0.1	1.0	0.4
743	**163h08**	AV393986	CL15g05	Ferredoxin dependent-glutamate synthase Fd-Gogat	*Oryza sativa*	16.8	20.2	31.1	1.1	0.4	0.6	0.4
744	**143c08**	AV625650	LC096a01	Ferredoxin I	*Aphanizomenon flos-aquae*	11.3	6.8	11.6	0.6	0.1	0.6	0.1
745	**108b09**	AV388180	CM017a03	Ferredoxin-dependent glutamate synthase	*Plectonema boryanum*	13.4	22.4	23.4	1.7	0.1	1.0	0.3
746	**025c03**	AV627212	LCL022g07	Ferredoxin-dependent glutamate synthase	*Spinacia oleracea*	30.3	38.5	37.7	1.3	0.2	1.0	0.0

	A	B	C	D	E	F	G	H	I	J	K	L
747	**155e06**	AV631457	LCL094c11	Ferredoxin-dependent glutamate synthase	*Spinacia oleracea*	69.9	66.0	97.6	0.9	0.3	0.7	0.2
748	**121d01**	AV637084	HC068e02	Ferredoxin--NADP reductase, chloroplast	*Chlamydomonas reinhardtii*	88.8	71.6	73.4	0.9	0.3	1.1	0.4
749	**015e01**	AV641108	HCL027h06	Ferredoxin-NADP+ reductase	*Chlamydomonas reinhardtii*	98.3	101.0	85.6	1.2	0.5	1.2	0.3
750	**021e09**	AV622547	LC051a12	Ferredoxin-NADP+ reductase	*Chlamydomonas reinhardtii*	129.5	85.9	99.7	0.7	0.1	0.9	0.3
751	**035b12**	BP096797	MXL065a08	Ferredoxin-sulfite reductase	*Synechocystis sp. PCC 6803*	34.0	24.2	28.6	0.8	0.4	0.9	0.4
752	**010a08**	AV632120	HC004b11	Ferredoxin-thioredoxin reductase, catalytic chain	*Glycine max*	20.8	26.0	27.3	1.2	0.1	1.0	0.2
753	**170a05**	BP097207	MXL071g09	Ferredoxin-thioredoxin-reductase, subunit A	*Solanum tuberosum*	54.9	65.6	33.0	1.1	0.2	2.6	2.2
754	**158f09**	BP087682	MX041c09	Ferritin 1 precursor - maize	*Zea mays*	15.3	15.9	19.5	1.0	0.2	0.8	0.2
755	**167a09**	BP095873	MXL048f02	Ferritin light chain	*Glycine max*	4.7	5.3	2.6	1.2	0.5	3.8	3.2
756	**002d04**	AV395232	CL37d10	Ferritin subunit cowpea2 precursor	*Vigna unguiculata*	9.1	12.3	12.8	1.3	0.2	0.9	0.2
757	**160c09**	BP088527	MX062f05	Fibrillarin	*Drosophila melanogaster*	84.5	67.8	38.3	0.8	0.5	2.1	1.6
758	**022b06**	AV623481	LC064d07	Fimbriata-associated protein	*Antirrhinum majus*	63.1	44.3	44.6	0.7	0.1	1.0	0.2
759	**134h03**	AV619575	LC010c05	Fis1	*Linum usitatissimum*	11.0	12.3	14.1	1.2	0.4	1.0	0.5
760	**164e04**	BP094766	MXL029a10	Fis1	*Linum usitatissimum*	6.7	5.7	11.2	0.9	0.2	0.6	0.4
761	**018f03**	AV619012	LC002f01	FKBP type peptidyl-prolyl cis-trans isomerase isolog	*Arabidopsis thaliana*	10.4	11.3	9.7	1.1	0.3	1.2	0.2
762	**015a02**	AV640595	HCL018h04	Fks1p	*Neurospora crassa*	3.8	6.3	6.1	1.7	0.3	1.1	0.1
763	**121a11**	AV636786	HC064b06	Flagellar protofilament ribbon protein	*Chlamydomonas reinhardtii*	11.7	19.2	10.7	1.7	0.2	1.8	0.6
764	**114e05**	AV388008	CM077f11	Flagellar radial spoke protein	*Chlamydomonas reinhardtii*	10.9	8.7	6.9	0.8	0.2	1.3	0.2
765	**035d04**	BP096963	MXL067h01	Flagellar radial spoke protein	*Chlamydomonas reinhardtii*	9.6	8.5	8.4	0.9	0.2	1.0	0.2
766	**159g12**	BP088130	MX052d11	Flagellar radial spoke protein 4	*Chlamydomonas reinhardtii*	25.2	20.7	28.6	0.8	0.0	0.8	0.3
767	**024g06**	AV626816	LCL015h08	Flavoprotein	*Nostoc sp. PCC 7120*	12.2	41.2	19.2	3.3	1.2	2.1	0.7
768	**115c05**	AV390159	CM085h09	Formate acetyl transferase	*Chlamydomonas reinhardtii*	33.5	36.7	16.3	1.2	0.3	2.3	0.3
769	**120c12**	AV635948	HC053b08	Formate acetyl transferase	*Clostridium perfringens*	207.0	248.6	185.4	1.2	0.2	1.3	0.1
770	**028e05**	AV630068	LCL072d10	Formate dehydrogenase	*Methanobacterium formicicum*	12.1	12.6	9.1	1.1	0.3	1.4	0.1
771	**111e05**	AV390803	CM048d05	Formyltetrahydrofolate deformylase	*Synechocystis sp. PCC 6803*	6.8	5.8	4.2	0.9	0.1	1.4	0.2
772	**157f08**	BP087112	MX025f07	Formyltetrahydrofolate deformylase	*Synechocystis sp. PCC 6803*	9.7	6.7	5.0	0.7	0.0	1.3	0.2
773	**006f04**	AV390205	CM044b01	Fructose-1,6-bisphosphatase, chlroplast	*Solanum tuberosum*	66.3	41.0	54.3	0.7	0.3	0.8	0.2
774	**116f01**	AV393139	CM100d12	Fructose-1,6-bisphosphate aldolase	*Chlamydomonas reinhardtii*	138.1	135.2	152.8	1.0	0.1	1.0	0.4
775	**146a12**	AV626987	LCL019d04	Fructose-2,6-bisphosphatase	*Saccharomyces cerevisiae*	15.5	11.1	10.4	0.7	0.1	1.1	0.3
776	**132e03**	AU301233	HCL092f03	Fructose-bisphosphate aldolase	*Chlamydomonas reinhardtii*	330.6	220.9	160.6	0.7	0.2	1.5	0.8
777	**112e08**	AV391966	CM057g10	Fructose-bisphosphate aldolase	*Chlamydomonas reinhardtii*	295.9	185.5	204.3	0.6	0.0	0.9	0.1
778	**004b01**	AV397863	CM002h05	Fructosediphosphate aldolase	*Chlamydomonas reinhardtii*	132.7	140.5	100.8	1.0	0.2	1.4	0.6
779	**123b03**	AV639291	HC097e02	FtsH protease, putative	*Arabidopsis thaliana*	27.1	35.7	42.9	1.3	0.2	0.9	0.2
780	**172a07**	BP098178	MXL088g08	FtsH-like protein Pftf precursor	*Nicotiana tabacum*	23.0	37.9	31.6	1.7	0.1	1.8	1.4
781	**030a04**	AV631275	LCL091c05	FtsH-like protein Pftf precursor	*Nicotiana tabacum*	30.1	49.5	45.7	1.6	0.3	1.2	0.4
782	**026f05**	AV628461	LCL042c04	FtsH-like protein Pftf precursor	*Nicotiana tabacum*	29.1	31.6	46.6	1.1	0.1	0.7	0.3
783	**128a02**	AV642106	HCL045g03	FtsJ	*Arabidopsis thaliana*	6.7	5.4	5.5	0.8	0.2	1.0	0.2
784	**160a12**	BP088348	MX058d10	Fumarate hydratase class I	*Streptomyces coelicolor*	11.7	10.3	7.1	0.9	0.2	1.7	0.8
785	**135f08**	AV620116	LC017g09	G beta repeats ofthe beta-transducin family-like protein	*Caenorhabditis elegans*	8.2	5.0	7.9	0.6	0.1	0.6	0.1
786	**120b05**	AV635768	HC050f08	G beta-like protein	*Mus musculus*	7.2	7.0	6.4	1.0	0.2	1.1	0.2
787	**036h07**	BP098860	MXL100d01	G subunit of Vacuolar-type H+-ATPase	*Nicotiana tabacum*	72.9	65.2	38.8	0.9	0.4	1.7	0.7
788	**165h02**	BP095357	MXL040e06	G subunit of Vacuolar-type H+-ATPase	*Nicotiana tabacum*	46.6	35.3	30.5	0.8	0.2	1.2	0.2
789	**012h06**	AV637597	HC075b12	G2p	*Arabidopsis thaliana*	58.7	33.7	30.3	0.6	0.2	1.1	0.5
790	**161d04**	BP093103	MXL003d07	Gamate lytic enzyme	*Chlamydomonas reinhardtii*	26.1	23.9	20.7	0.9	0.1	1.2	0.5
791	**031f02**	BP087146	MX026f11	Gamete lytic enzyme	*Chlamydomonas reinhardtii*	12.4	10.9	6.1	0.9	0.1	1.9	0.4
792	**001b04**	AV393555	CL05b02	Gamma heavy chain subunit of outer-arm dynein	*Chlamydomonas reinhardtii*	9.6	9.4	10.8	1.0	0.1	0.9	0.1
793	**139d01**	AV623016	LC057g12	Gamma hydroxybutyrate dehydrogenase	*Arabidopsis thaliana*	23.9	36.1	15.9	2.1	1.4	2.3	0.4
794	**168f12**	BP096659	MXL062e11	Gamma-adaptin 2	*Arabidopsis thaliana*	18.7	15.5	17.8	0.9	0.2	0.9	0.2
795	**122d07**	AV638246	HC083g08	Gamma-glutamyl hydrolase	*Rattus norvegicus*	21.2	30.5	23.9	1.4	0.3	1.3	0.7
796	**137d06**	AV621527	LC037c08	Gamma-glutamylcysteine synthetase	*Brassica juncea*	14.2	13.6	12.3	1.0	0.1	1.1	0.1
797	**027a07**	AV628768	LCL046g07	Gamma-glutamylcysteine synthetase	*Medicago truncatula*	18.9	17.2	18.1	0.9	0.1	1.0	0.1
798	**110g03**	AV389738	CM039e08	Gamma-tocopherol methyltransferase	*Arabidopsis thaliana*	4.0	5.0	4.6	1.3	0.5	1.1	0.5
799	**139h04**	AV623435	LC063g02	Gamma-tubulin	*Chlamydomonas reinhardtii*	21.4	21.1	19.5	1.0	0.2	1.1	0.2
800	**009d10**	AV391550	CM091f09	Gbp1p	*Chlamydomonas reinhardtii*	176.9	162.3	225.4	0.9	0.1	0.7	0.1
801	**165d01**	AV619315	LC006e08	Gbp1p protein	*Chlamydomonas reinhardtii*	34.2	15.9	25.2	0.4	0.2	0.6	0.3
802	**009c04**	AV390989	CM087a04	Gbp1p protein	*Chlamydomonas reinhardtii*	27.4	11.7	19.8	0.5	0.3	0.6	0.3
803	**140f06**	AV623971	LC071b12	Gbp1p protein	*Chlamydomonas reinhardtii*	42.5	14.6	31.1	0.3	0.2	0.5	0.4
804	**167g10**	AV619315	LC006e08	Gbp1p protein	*Chlamydomonas reinhardtii*	23.1	13.4	38.1	0.6	0.1	0.4	0.2
805	**172b06**	BP098240	MXL090a01	gcpE protein	*Chlamydia muridarum*	30.1	29.8	14.6	1.0	0.4	2.1	0.7
806	**014b05**	AV639761	HCL004e11	GcpE Protein	*Chlamydia pneumoniae*	46.6	28.5	24.9	0.7	0.2	1.2	0.3
807	**007d10**	AV391666	CM055f08	GDP dissociation inhibitor protein GDIV1p	*Volvox carterif. nagariensis*	7.5	12.5	12.4	1.7	0.7	1.0	0.4
808	**153e10**	AV630542	LCL080e03	GDP-mannose pyrophosphorylase	*Solanum tuberosum*	17.2	12.4	14.0	0.8	0.4	0.9	0.4
809	**171h11**	BP098164	MXL088e09	Gene mastermind protein	*Drosophila virilis*	15.7	15.0	20.7	0.9	0.3	0.9	0.8
810	**031e05**	BP086951	MX021b11	Gene product with similarity to dynein beta subunit	*Homo sapiens*	8.3	8.6	8.1	1.1	0.2	1.1	0.1
811	**164e07**	BP094773	MXL029c08	GeranylGeranyl hydrogenase	*Glycine max*	109.2	49.7	111.6	0.5	0.3	0.5	0.3
812	**022c06**	AV623576	LC065g12	GeranylGeranyl hydrogenase	*Glycine max*	165.0	49.7	125.1	0.3	0.1	0.4	0.3
813	**007c06**	AV391384	CM053f08	GeranylGeranyl hydrogenase	*Mesembryanthemum crystallinum*	69.5	26.5	67.0	0.4	0.2	0.4	0.3
814	**158h02**	BP087704	MX041g11	GeranylGeranyl hydrogenase	*Glycine max*	93.1	20.3	81.8	0.2	0.0	0.2	0.0
815	**102e11**	AV394437	CL24g07	GH07290	*Drosophila melanogaster*	11.6	10.0	19.4	0.9	0.1	0.6	0.3
816	**138c01**	AV622151	LC045g12	Glossy15	*Zea mays*	35.1	32.1	42.1	0.9	0.3	0.8	0.2
817	**133g10**	AV645218	HCL099g07	Glucose-1-phosphate adenylyltransferase	*Solanumtuberosum*	41.6	26.8	35.5	0.6	0.1	0.7	0.2
818	**160h11**	BP089430	MX207b07	Glucose-6-phosphate 1-dehydrogenase 2	*Petroselinum crispum*	9.8	7.7	16.3	0.7	0.4	0.7	0.6
819	**013g10**	AV639568	HCL001b04	Glucose-6-phosphate isomerase, cytosolic A	*Spinacia oleracea*	23.2	19.2	17.1	0.8	0.2	1.2	0.4
820	**032a04**	BP087667	MX041a01	Glutamaine synthetase, chloroplast GS2	*Chlamydomonas reinhardtii*	227.3	197.7	174.4	0.9	0.2	1.3	0.6
821	**029d07**	AV630827	LCL084h02	Glutamaine synthetase, cytosolic isozyme GS1	*Chlamydomonas reinhardtii*	19.1	20.7	17.4	1.1	0.2	1.3	0.3
822	**034f06**	BP096082	MXL052c11	Glutamaine synthetase, cytosolic isozyme GS1	*Chlamydomonas reinhardtii*	71.3	60.7	94.2	0.9	0.2	0.7	0.2
823	**024h06**	AV626891	LCL017e07	Glutamate 5-kinase	*Synechocystis sp. PCC 6803*	1.3	1.4	1.2	1.1	0.1	1.4	0.5
824	**114h12**	AV390213	CM082e06	Glutamate dehydrogenase	*Asparagus officinalis*	5.3	6.0	6.0	1.1	0.3	1.0	0.3
825	**131e02**	AV644151	HCL082h12	Glutamate synthase (ferredoxin)	*Vitis vinifera*	25.4	35.6	33.2	1.4	0.1	1.1	0.1
826	**131h06**	AV644355	HCL086h09	Glutamate synthase (NADH)	*Arabidopsis thaliana*	13.0	11.3	9.0	0.9	0.2	1.3	0.3
827	**033b11**	BP094164	MXL019a01	Glutamate-1-semialdehyde aminotransferase	*Chlamydomonas reinhardtii*	96.2	14.3	39.8	0.1	0.1	0.4	0.3
828	**164a02**	BP094589	MXL025c12	Glutamate-cysteine ligase	*Zea mays*	13.5	17.0	10.3	1.3	0.7	2.3	1.8
829	**142d02**	AV625117	LC088b03	Glutamine cyclotransferase precursor-like protein	*Arabidopsis thaliana*	8.4	7.6	8.5	0.9	0.2	0.9	0.2
830	**033a04**	BP093857	MXL014g09	Glutamine synthetase	*Xenopus laevis*	19.2	24.3	16.8	1.3	0.2	1.5	0.5
831	**030d12**	AV631679	LCL098b01	Glutaminesynthetase	*Chlamydomonas reinhardtii*	1.5	1.7	1.2	1.2	0.2	1.6	0.6
832	**002c07**	AV395113	CL36b02	Glutaminesynthetase	*Chlamydomonas reinhardtii*	11.1	14.7	10.4	1.4	0.4	1.4	0.1
833	**005b01**	AV387333	CM019c06	Glutaminesynthetase	*Chlamydomonas reinhardtii*	84.5	130.0	94.9	1.5	0.2	1.4	0.1
834	**137d09**	BP383790	LC037e11	Glutaminesynthetase	*Chlamydomonas reinhardtii*	148.7	129.5	110.3	0.9	0.1	1.2	0.2
835	**016f06**	AV642373	HCL050g01	Glutamyl-tRNA reductase	*Arabidopsis thaliana*	18.8	14.0	20.9	0.7	0.1	0.7	0.2
836	**152g10**	AV630164	LCL074e12	Glutamyl-tRNA reductase	*Arabidopsis thaliana*	47.0	21.9	33.5	0.5	0.0	0.7	0.1
837	**122g03**	AV638735	HC090b04	Glutamyl-tRNA reductase precursor	*Chlamydomonas reinhardtii*	21.9	17.8	21.0	0.8	0.2	0.8	0.1
838	**024h01**	AV626870	LCL017a06	Glutamyl-tRNA synthetase	*Arabidopsis thaliana*	14.0	8.0	6.8	0.6	0.2	1.2	0.1
839	**116a07**	AV391885	CM094e04	Glutamyl-tRNA synthetase	*Arabidopsis thaliana*	15.7	8.1	7.0	0.5	0.1	1.2	0.2
840	**140b02**	AV623602	LC066b05	Glutathione peroxidase 1	*Chlamydomonas reinhardtii*	15.5	19.4	13.0	1.5	0.7	1.5	0.1
841	**036c02**	BP097923	MXL083f03	Glutathione peroxidase homolog	*Chlamydomonas reinhardtii*	38.0	29.2	36.7	0.8	0.1	0.8	0.1
842	**150b03**	AV628852	LCL048a07	Glutathione reductase, cytoslic	*Oryza sativa*	13.6	11.2	9.4	0.8	0.2	1.2	0.2
843	**157b08**	BP086632	MX013c09	Glutathione S-transferase	*Synechocystis sp. PCC 6803*	8.6	9.6	6.1	1.1	0.6	2.0	1.3
844	**022h04**	AV624350	LC076e09	Glutathione S-transferase	*Synechocystis sp. PCC 6803*	18.4	19.9	23.5	1.1	0.2	1.0	0.4
845	**159b11**	BP087748	MX042g11	Glutathione transferase	*Sus scrofa*	15.3	16.1	9.9	1.0	0.3	2.4	2.0
846	**113c01**	AV392856	CM064h12	Glutathione transferase	*Sus scrofa domestica*	7.9	11.5	10.9	1.4	0.3	1.1	0.4
847	**023d12**	AV625133	LC088c11	Glutathione-requiring prostaglandin synthase	*Gallus gallus*	31.5	34.5	30.9	1.1	0.1	1.1	0.1
848	**007e02**	AV391812	CM056e01	Glyceraldehyde-3-phosphate dehydrogenase	*Chlamydomonas reinhardtii*	19.9	29.8	22.5	1.5	0.3	1.3	0.3
849	**012e07**	AV637007	HC067c12	Glyceraldehyde-3-phosphate dehydrogenase	*Chlamydomonas reinhardtii*	439.7	310.3	378.5	0.7	0.1	0.8	0.2
850	**027h07**	AV629479	LCL059e10	Glyceraldehyde-3-phosphate dehydrogenase	*Onchocercavolvulus*	11.2	7.5	9.5	0.7	0.2	0.8	0.2
851	**170d12**	BP097425	MXL075e04	Glyceraldehyde-3-phosphate dehydrogenase	*Arabidopsis thaliana*	25.7	23.8	40.6	1.0	0.2	0.6	0.2
852	**008a10**	AV392792	CM064a01	Glyceraldehyde-3-phosphatedehydrogenase	*Chlamydomonas reinhardtii*	254.3	191.2	207.0	0.7	0.1	0.9	0.1
853	**007b06**	AV391211	CM051g07	Glycerol kinase	*Homo sapiens*	24.8	23.8	29.0	1.0	0.2	0.8	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
854	**161e01**	BP093173	MXL004e10	Glycerol-3-phosphate acyltransferase	*Cucurbita moschata*	24.7	25.2	23.2	1.0	0.3	1.1	0.3
855	**016h04**	AV642675	HCL055h03	Glycerol-3-phosphate dehydrogenase (NAD+)	*Cuphea lanceolata*	6.0	8.8	4.6	1.6	0.6	1.9	0.3
856	**024d01**	AV626506	LCL010c06	Glycerol-3-phosphate dehydrogenase (NAD+)	*Cuphea lanceolata*	8.2	8.2	10.1	1.1	0.5	1.0	0.6
857	**170f06**	BP097509	MXL077a09	Glycerol-3-phosphate dehydrogenase (NAD+)	*Cuphea lanceolata*	13.8	7.6	17.2	0.6	0.4	0.6	0.5
858	**159d06**	BP087781	MX043e01	Glycine decarboxylase complex H-protein	*Arabidopsis thaliana*	56.1	108.7	82.6	1.9	0.1	1.4	0.5
859	**003b05**	AV396054	CL55d06	Glycine decarboxylase complex P-protein	*Arabidopsis thaliana*	18.9	52.2	37.4	2.8	0.6	1.4	0.0
860	**025e05**	AV627472	LCL027c05	Glycine decarboxylase complex P-protein	*Arabidopsis thaliana*	16.2	35.6	31.2	2.3	0.4	1.2	0.2
861	**019c10**	AV619907	LC013c08	Glycine decarboxylase complex P-protein	*Arabidopsis thaliana*	38.6	28.4	28.9	0.8	0.3	1.0	0.3
862	**036g12**	BP098745	MXL098d06	Glycine hydroxymethyltransferase	*Arabidopsis thaliana*	98.1	62.7	60.1	0.7	0.1	1.1	0.2
863	**004h09**	AV387487	CM016a10	Glycine hydroxymethyltransferase-like protein	*Arabidopsis thaliana*	20.8	19.8	13.6	1.0	0.1	1.5	1.1
864	**023c12**	AV624955	LC085a05	Glycine rich protein	*Nicotiana tabacum*	10.5	8.7	8.5	0.8	0.2	1.1	0.2
865	**149d05**	AV628473	LCL042d09	Glycine-rich protein	*Arabidopsis thaliana*	19.0	21.1	30.7	1.3	0.5	0.8	0.3
866	**025e11**	AV627539	LCL028b12	Glycogen debranching enzyme	*Escherichia coli*	14.1	13.9	11.7	1.0	0.1	1.2	0.2
867	**016d02**	AV642048	HCL044e06	Glycogen phosphorylase 1	*Dictyostelium discoideum*	18.4	27.3	23.3	1.7	0.8	1.2	0.3
868	**016g07**	AV642537	HCL053e10	Glycogen phosphorylase 1	*Dictyostelium discoideum*	8.8	6.8	6.5	0.8	0.2	1.1	0.5
869	**001c01**	AV393452	CL07c08	Glycogen synthase kinase-3 homolog MSK-1	*Arabidopsis thaliana*	17.4	26.3	22.5	1.5	0.3	1.2	0.2
870	**024a11**	AV626334	LCL007b08	Glycolate dehydrogenase	*Chlamydomonas reinhardtii*	12.8	51.4	35.0	4.0	0.4	1.5	0.1
871	**027h08**	AV629489	LCL059f11	Glycolate dehydrogenase	*Chlamydomonas reinhardtii*	10.9	48.9	39.5	4.5	0.8	1.2	0.1
872	**024d10**	AV626558	LCL011c05	Glycolate dehydrogenase	*Chlamydomonas reinhardtii*	11.2	48.9	44.9	4.5	0.6	1.1	0.1
873	**127c08**	AV641728	HCL039d08	Glycosyl hydrolases	*Arabidopsis thaliana*	10.6	7.5	12.4	0.7	0.1	0.6	0.2
874	**135g01**	AV620182	LC018f10	Glycyl-tRNA synthetase	*Arabidopsis thaliana*	32.5	23.1	20.4	0.7	0.1	1.1	0.2
875	**123g11**	AV639802	HCL005c03	Glycyl-tRNA synthetase	*Arabidopsis thaliana*	23.1	14.0	15.6	0.6	0.1	0.9	0.2
876	**017f07**	AV643537	HCL071c12	Glycyl-tRNA synthetase	*Arabidopsis thaliana*	20.4	11.4	15.8	0.6	0.3	0.7	0.2
877	**122f04**	AV638619	HC088f04	Glyoxal oxidase (glx1), putative	*Arabidopsis thaliana*	24.4	14.3	10.8	0.6	0.3	1.5	1.0
878	**003g05**	AV396966	CL73g11	Glyoxyalase I activity-enhancing protein GAC	*Saccharomyces cerevisiae*	3.3	3.1	2.7	1.1	0.5	1.2	0.2
879	**035e09**	BP097115	MXL070d05	GMP synthase	*Arabidopsis thaliana*	26.1	15.8	20.0	0.6	0.1	0.8	0.3
880	**023e11**	AV625224	LC089e06	GPI transamidase	*Homo sapiens*	8.8	6.9	7.8	0.8	0.2	0.9	0.1
881	**029g12**	AV631115	LCL089a12	Granule-bound starch synthase I, Sta2	*Chlamydomonas reinhardtii*	26.6	82.6	72.8	3.2	1.3	1.1	0.3
882	**006b12**	AV389417	CM036e06	Granule-bound starch synthase I, Sta2	*Chlamydomonas reinhardtii*	36.9	34.6	38.9	1.0	0.2	1.0	0.4
883	**153e04**	AV630508	LCL079h11	Growth regulator like protein	*Arabidopsis thaliana*	25.6	19.6	22.4	0.8	0.2	0.9	0.2
884	**018d11**	AV644533	HCL090b08	GTP-binding protein	*Arabidopsis thaliana*	6.3	9.3	11.0	1.4	0.3	0.9	0.6
885	**017f04**	AV643448	HCL069h02	GTP-binding protein typa/bipa homolog	*Arabidopsis thaliana*	8.1	6.4	6.6	0.9	0.4	1.0	0.4
886	**020a01**	AV620655	LC025a11	GTP-bindingprotein	*Volvox carteri*	7.9	6.6	5.9	0.9	0.2	1.2	0.3
887	**034g02**	BP096178	MXL054b03	Guanine aminohydrolase	*Rattus norvegicus*	459.7	411.9	259.7	0.9	0.0	1.8	0.9
888	**159c09**	BP087767	MX043c02	Guanine nucleotidep-binding protein beta subunit-like protein	*Chlamydomonas reinhardtii*	111.1	164.6	110.1	1.5	0.1	1.7	0.7
889	**141h04**	BP383818	LC082g01	Guanine nucleotidep-binding protein beta subunit-like protein	*Chlamydomonas reinhardtii*	167.0	177.9	138.0	1.1	0.2	1.4	0.3
890	**004g03**	AV387031	CM013c01	Guanine nucleotidep-binding protein beta subunit-like protein	*Chlamydomonas reinhardtii*	71.4	98.5	78.1	1.5	0.4	1.3	0.1
891	**115b12**	AV390616	CM085d07	Guanine nucleotidep-binding protein beta subunit-like protein	*Chlamydomonas reinhardtii*	54.9	76.3	64.4	1.4	0.1	1.2	0.3
892	**115f07**	AV391310	CM089h10	Guanine nucleotidep-binding protein beta subunit-like protein	*Chlamydomonas reinhardtii*	57.3	71.2	60.5	1.2	0.1	1.2	0.3
893	**120h09**	AV636531	HC060f12	Guanine nucleotidep-binding protein beta subunit-like protein	*Chlamydomonas reinhardtii*	122.0	130.1	116.8	1.1	0.1	1.2	0.2
894	**023f10**	AV625641	LC095h01	Guanylate cyclase 1, soluble, alpha 2	*Bos taurus*	10.4	9.6	12.9	1.0	0.2	0.9	0.3
895	**024a10**	BP383833	LCL006f08	Guanylate cyclase A	*Rattus sp.*	7.1	6.0	4.3	0.9	0.2	1.5	0.5
896	**132f05**	AV644774	HCL093e11	Guanylate cyclase soluble, alpha-1 chain		21.1	19.2	25.2	0.9	0.1	0.8	0.2
897	**032e09**	BP093433	MXL008d02	Guanylate cyclase, soluble, beta 2	*Rattus norvegicus*	26.0	21.8	28.5	0.8	0.1	0.8	0.1
898	**027f11**	AV629346	LCL057a07	Guanylyl cyclase	*Rattus norvegicus*	8.4	9.0	6.3	1.0	0.2	1.6	0.8
899	**014g09**	AV640455	HCL016e12	H+-transporting ATP synthase	*Chlamydomonas reinhardtii*	62.0	50.7	59.0	0.8	0.0	0.9	0.1
900	**124g01**	AV640230	HCL012f02	H+-transporting ATPase	*Heterosigma akashiwo*	35.0	38.7	16.2	1.1	0.2	2.6	0.7
901	**026e03**	AV628359	LCL040e11	H+-transporting ATPase	*Heterosigma akashiwo*	22.9	22.8	9.6	1.0	0.1	2.4	0.2
902	**004g09**	AV387108	CM013g12	H+-transporting ATPase,subunit 9	*Prototheca wickerhamii*	91.0	78.2	117.3	0.9	0.2	0.7	0.2
903	**031b05**	BP086554	MX011d03	h43,high-CO2 inducible, periplasmic protein	*Chlamydomonas reinhardtii*	42.3	23.7	72.7	0.7	0.5	0.3	0.1
904	**133b02**	AV644964	HCL096b02	ha1539 protein, cyclophilin	*Homo sapiens*	16.3	13.7	16.2	0.8	0.1	0.8	0.1
905	**114c06**	AV389154	CM074h04	HAL3 homolog	*Arabidopsis thaliana*	42.0	50.1	48.0	1.2	0.0	1.0	0.1
906	**162h03**	BP093968	MXL016d04	Haphaestin	*Mus musculus*	14.9	13.0	29.6	0.9	0.2	0.5	0.3
907	**012g04**	AV637329	HC071g01	HBsu protein	*Artificial gene*	26.6	25.2	27.1	1.1	0.5	0.9	0.2
908	**005a04**	AV388208	CM017d10	HCF136 protein	*Arabidopsis thaliana*	22.4	25.2	21.4	1.1	0.1	1.2	0.3
909	**030h04**	BP086220	MX004d06	Hd1 protein	*Oryza sativa*	24.4	48.8	35.8	2.1	0.7	1.4	0.2
910	**033g07**	BP094894	MXL031h03	Heat shock 22K protein	*Chlamydomonas reinhardtii*	12.6	10.6	14.9	0.9	0.1	0.7	0.1
911	**168e01**	BP096531	MXL060c06	Heat shock 22K protein	*Chlamydomonas reinhardtii*	6.9	7.9	11.8	1.2	0.3	0.7	0.2
912	**035g09**	BP097403	MXL075b07	Heat shock 22K protein	*Chlamydomonas reinhardtii*	5.3	5.4	8.4	1.1	0.4	0.7	0.2
913	**169c06**	BP096899	MXL066g02	Heat shock 22K protein	*Chlamydomonas reinhardtii*	7.4	6.2	11.2	0.8	0.1	0.6	0.1
914	**158e09**	BP087662	MX040e12	Heat shock 22K protein	*Chlamydomonas reinhardtii*	5.9	5.6	13.1	1.0	0.2	0.5	0.2
915	**149a01**	AV628277	LCL039e03	Heat shock cognate protein 80	*Lycopersicon esculentum*	47.1	14.6	25.8	0.3	0.1	0.6	0.0
916	**169g04**	BP097100	MXL070a07	Heat shock protein	*Plectonema boryanum*	18.0	12.0	17.4	0.7	0.5	0.8	0.6
917	**156d03**	BP086064	MX001c01	Heat shock protein 101	*Arabidopsis thaliana*	9.9	18.0	12.6	1.9	0.6	1.4	0.1
918	**002a03**	AV394805	CL28a09	Heat shock protein 70B	*Chlamydomonas reinhardtii*	20.3	26.7	20.4	1.9	1.3	1.3	0.1
919	**007a01**	AV390901	CM048h02	Heat shock protein 70B	*Chlamydomonas reinhardtii*	33.3	52.4	44.4	1.6	0.6	1.2	0.6
920	**171e01**	AV636097	HC055b04	Heat shock protein 70B	*Chlamydomonas reinhardtii*	63.1	89.9	88.7	1.5	0.7	1.0	0.3
921	**029d08**	AV630829	LCL084h04	Heat shock protein 70B	*Chlamydomonas reinhardtii*	43.6	57.5	64.4	1.3	0.4	1.0	0.4
922	**032f08**	BP093527	MXL009f08	Heat shock protein 82	*Lycopersicon esculentum*	33.4	15.1	25.2	0.5	0.1	0.6	0.1
923	**159f09**	BP087990	MX048h03	Heat shock protein 90	*Oryza sativa*	19.0	13.6	17.3	0.7	0.2	0.8	0.1
924	**160g11**	BP089304	MX204f07	Heat shock protein 90 homolog	*Hordeum vulgare*	19.3	7.5	17.0	0.4	0.2	0.5	0.2
925	**167c07**	BP095973	MXL050c12	Heat shock protein 91	*Arabidopsis thaliana*	10.2	7.5	8.4	0.8	0.3	0.9	0.1
926	**157e02**	BP098841	MXL100a09	Heat shock protein 91	*Arabidopsis thaliana*	29.0	17.3	28.9	0.6	0.0	0.7	0.2
927	**020g01**	AV621381	LC035c04	Heat shock protein Ddj1	*Dictyostelium discoideum*	7.3	6.4	4.6	0.9	0.0	1.5	0.4
928	**170a08**	BP097222	MXL072a09	Heat shock protein hslV, proteasome-related peptidase subunit	*Mesorhizobium loti*	12.3	10.9	5.3	0.9	0.2	3.1	2.5
929	**036h04**	BP098814	MXL099e08	Heat-shock protein	*Arabidopsis thaliana*	18.7	13.5	20.6	0.7	0.1	0.8	0.4
930	**119a12**	AV634573	HC035b02	Heat-shock protein 90	*Griffithsia japonica*	22.3	14.2	16.2	0.6	0.1	1.1	0.5
931	**119b05**	AV634642	HC035h12	Helicase-like protein	*Nicotiana sylvestris*	36.0	24.4	39.3	0.7	0.0	0.7	0.2
932	**031e10**	BP087023	MX023a10	Heme oxygenase 1	*Arabidopsis thaliana*	31.4	48.5	43.9	1.6	0.2	1.1	0.3
933	**130f01**	AV643577	HCL072b06	Hephaestin	*Homo sapiens*	24.2	20.6	29.5	0.9	0.2	0.7	0.2
934	**028h06**	AV630352	LCL077f11	Hephaestin	*Mus musculus*	17.9	14.8	24.5	0.8	0.2	0.6	0.1
935	**019b08**	AV619634	LC011a11	Hephaestin	*Mus musculus*	20.9	15.9	27.8	0.8	0.1	0.6	0.0
936	**147a09**	AV627363	LCL025f05	Hexosphosphate transport	*Chlamydia pneumoniae*	33.5	28.8	15.8	0.9	0.0	1.9	1.0
937	**001e11**	AV394025	CL16g12	High affinity ammonium transporter	*Chlamydomonas reinhardtii*	2.1	2.3	2.9	1.1	0.4	0.9	0.7
938	**013f12**	AV639213	HC096d09	High mobility group-like nuclear protein 2	*Saccharomyces cerevisiae*	23.1	7.2	17.1	0.3	0.1	0.4	0.1
939	**002e11**	AV395455	CL42g06	Highly Similar to branched-chain amino acidaminotransferase	*Arabidopsis thaliana*	6.9	5.7	8.5	0.8	0.3	0.7	0.4
940	**026f07**	AV628476	LCL042e01	Highly similar to cullin 3	*Arabidopsis thaliana*	8.5	8.1	7.4	0.9	0.1	1.1	0.0
941	**023c02**	AV624820	LC083b12	Highly similar to cullin 3	*Arabidopsis thaliana*	9.1	9.4	9.0	1.0	0.1	1.1	0.2
942	**017h02**	AV643801	HCL076c10	Highly similar to myosin	*Arabidopsis thaliana*	2.0	3.0	2.1	1.6	0.4	1.4	0.7
943	**021b08**	AV622047	LC044d02	Histidine decarboxylase	*Brassica napus*	19.0	15.2	13.4	0.8	0.1	1.1	0.1
944	**009d11**	AV391581	CM091g01	Histidine decarboxylase	*Brassica napus*	10.6	16.1	17.9	1.5	0.6	0.9	0.5
945	**004e06**	AV386988	CM010a03	Histidinol-phosphate aminotransferase	*Nicotiana tabacum*	86.7	89.5	87.7	1.0	0.1	1.0	0.2
946	**005c06**	AV387958	CM021h07	Histidinol-phosphate aminotransferase	*Nicotiana tabacum*	15.2	14.1	17.7	0.9	0.1	0.8	0.1
947	**004d01**	AV386796	CM007a04	Histone H2A variant	*Oryza sativa*	31.3	55.2	39.7	1.8	0.2	1.3	0.6
948	**136a01**	AV620380	LC021d08	Histone H3	*Chlamydomonas reinhardtii*	13.2	13.9	11.2	1.0	0.1	1.3	0.3
949	**124b01**	AV639968	HCL008a11	hnRNP-like protein	*Arabidopsis thaliana*	19.7	22.1	16.6	1.1	0.3	1.3	0.3
950	**006h02**	AV390576	CM047a05	holocytochrome c-type forming protein Ccs1	*Chlamydomonas reinhardtii*	8.4	10.4	7.7	1.7	1.2	1.4	0.4
951	**167e10**	BP096108	MXL052g11	Homeobox protein homolog	*Arabidopsis thaliana*	12.3	11.8	10.1	0.9	0.4	1.2	0.7
952	**167e04**	BP096080	MXL052c06	Homogentisate 1,2-dioxygenase	*Lycopersicon esculentum*	6.5	9.6	13.0	1.6	0.5	0.8	0.4
953	**018e08**	AV618931	LC001e06	Homologue of Bacillus subtilis ribG	*Shigella flexneri*	6.7	5.0	8.6	0.8	0.1	0.6	0.1
954	**136b09**	AV620545	LC023e07	H-sco1	*Homo sapiens*	10.4	9.5	9.6	0.9	0.1	1.0	0.2
955	**023h10**	AV626234	LCL004h01	HSP90-like protein	*Arabidopsis thaliana*	19.8	10.3	17.1	0.5	0.1	0.6	0.1
956	**155f11**	AV631555	LCL096b03	HSPC176	*Homo sapiens*	16.9	12.5	13.4	0.7	0.0	0.9	0.2
957	**005g12**	AV388533	CM030a12	HtpA	*Legionella pneumophila*	23.9	11.0	14.4	0.5	0.1	0.8	0.2
958	**131g03**	AV644271	HCL085b06	HtrA-like protein	*Haematococcus pluvialis*	97.4	54.2	58.9	0.6	0.1	0.9	0.2
959	**159f10**	BP087992	MX048h09	hU1-70Kprotein(302AA)	*Homo sapiens*	19.4	16.0	16.8	0.8	0.1	0.9	0.2
960	**115g10**	AV391592	CM092b09	Hydroxymethyltransferase	*Arabidopsis thaliana*	45.2	24.0	31.0	0.5	0.1	0.8	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
961	**012d04**	AV636633	HC062b04	Hydroxyproline rich glycoprotein PsHRGP1	*Pisum sativum*	86.4	108.1	54.9	1.2	0.3	2.0	0.7
962	**157e09**	BP087034	MX023d06	Hydroxyproline-rich glycoprotein	*Chlamydomonas reinhardtii*	18.7	28.1	10.7	1.6	0.2	2.8	1.1
963	**131h08**	AV644370	HCL087b12	Hydroxyproline-rich glycoprotein	*Chlamydomonas reinhardtii*	80.4	123.1	71.3	1.5	0.1	1.7	0.9
964	**171d05**	BP097910	MXL083d07	Hydroxyproline-rich glycoprotein	*Chlamydomonas reinhardtii*	76.7	87.5	88.3	1.2	0.1	1.0	0.1
965	**141g11**	AV624774	LC082e07	Hydroxyproline-rich glycoprotein DZ-HRGP	*Volvox carteri f.nagariensis*	7.6	21.7	15.1	2.8	0.7	1.4	0.3
966	**161h04**	BP093367	MXL007d12	Hydroxyproline-rich glycoprotein DZ-HRGP	*Volvox carteri f.nagariensis*	13.6	13.0	15.5	0.8	0.5	1.2	1.2
967	**137a06**	BP098776	MXL098h12	Hydroxyproline-rich glycoprotein DZ-HRGP	*Volvox carteri f.nagariensis*	12.4	11.7	10.3	0.9	0.2	1.1	0.3
968	**127a12**	AV641630	HCL037g08	Hydroxyproline-rich glycoprotein DZ-HRGP	*Volvox carteri f.nagariensis*	19.9	15.9	20.8	0.9	0.3	0.8	0.1
969	**170g02**	BP097564	MXL077g10	Hydroxyproline-rich glycoprotein DZ-HRGP	*Volvox carteri f.nagariensis*	15.4	9.5	15.6	0.6	0.4	0.7	0.6
970	**161e07**	BP093209	MXL005a05	Hydroxyproline-rich glycoprotein DZ-HRGP	*Volvox carteri f.nagariensis*	29.3	46.7	79.8	1.6	0.2	0.6	0.1
971	**032e03**	BP093359	MXL007d01	Hydroxyproline-rich glycoprotein DZ-HRGP	*Volvox carteri f.nagariensis*	13.4	24.9	43.3	1.9	0.7	0.6	0.0
972	**157b04**	BP086600	MX012e12	Hydroxyproline-rich glycoprotein gas28p precursor	*Chlamydomonas reinhardtii*	9.4	26.9	15.0	3.1	0.5	2.5	1.3
973	**149e02**	AV628512	LCL043a09	HYPA protein	*Clostridium perfringens*	41.6	38.5	63.1	0.9	0.1	0.7	0.3
974	**014h08**	AV640542	HCL018a09	Hypothetical 102.7 KD protein	*Arabidopsis thaliana*	16.7	16.7	12.4	1.0	0.4	1.5	0.8
975	**012c02**	AV636381	HC058g05	Hypothetical 12.9 KD protein slr1417	*Synechocystis sp. PCC 6803*	11.4	28.3	23.0	2.5	0.4	1.2	0.2
976	**107c04**	AV386707	CM008b05	Hypothetical 15.3 KD protein	*Escherichia coli*	18.3	13.3	19.7	0.7	0.2	0.7	0.3
977	**139h10**	AV623493	LC064f04	Hypothetical 24.2 KD protein	*Homo sapiens*	6.9	6.1	5.3	1.0	0.4	1.2	0.5
978	**136g03**	AV620858	LC027g05	Hypothetical 29.6 KD protein	*Azotobacter vinelandii*	6.2	8.7	7.3	1.4	0.4	1.2	0.2
979	**125b10**	AV640474	HCL016h12	Hypothetical 42.1 KD protein	*Arabidopsis thaliana*	14.5	13.1	15.5	0.9	0.1	0.9	0.1
980	**104e08**	AV395943	CL51b07	Hypothetical 49.1 KD protein	*Oryza sativa*	3.2	2.9	2.6	1.0	0.4	1.1	0.3
981	**151b03**	AV629341	LCL056h05	Hypothetical 50.0 KD protein slr0076	*Synechocystis sp. PCC 6803*	9.1	7.6	5.9	0.9	0.3	1.3	0.2
982	**016h06**	AV642686	HCL056a11	Hypothetical 51.0 KD protein sll0996	*Synechocystis sp. PCC 6803*	5.9	5.7	5.8	1.0	0.1	1.0	0.4
983	**104d04**	AV397710	CL49b11	Hypothetical 52.8 KD protein slr0074	*Synechocystis sp. PCC 6803*	23.6	23.0	27.0	1.0	0.0	0.9	0.1
984	**162f04**	BP093836	MXL014e03	Hypothetical 65.1 KD protein slr1919	*Synechocystis sp. PCC 6803*	10.0	10.9	9.4	1.1	0.2	1.1	0.3
985	**010g05**	AV633518	HC021g02	Hypothetical 66.0 KD GTP-binding protein slr1105	*Synechocystis sp. PCC 6803*	12.6	11.3	14.5	0.9	0.1	0.9	0.5
986	**114e06**	AV388566	CM077g09	Hypothetical 66.5 KD	*Dictyostelium discoideum*	9.1	11.4	7.5	1.3	0.3	1.5	0.3
987	**148b02**	AV627844	LCL032g11	Hypothetical 69.1 KD protein (ORF4)	*Arabidopsis thaliana*	13.6	11.5	9.1	0.9	0.2	1.4	0.4
988	**033e06**	BP094472	MXL023f02	Hypothetical 77.3 KD protein sll0005	*Synechocystis sp. PCC 6803*	10.0	10.8	10.3	1.1	0.1	1.1	0.1
989	**025b04**	AV627123	LCL021d12	Hypothetical 77.3 KD protein sll0005	*Synechocystis sp. PCC 6803*	13.4	9.9	9.8	0.7	0.1	1.0	0.1
990	**026g09**	AV628553	LCL043f08	Hypothetical 77.3 KD protein sll0005	*Synechocystis sp. PCC 6803*	8.7	8.5	9.6	1.0	0.1	0.9	0.1
991	**008g02**	AV389443	CM075e10	hypothetical chloroplast RF19	*Guillardia theta*	9.5	8.5	7.5	0.9	0.1	1.1	0.0
992	**009a05**	AV390238	CM082b02	hypothetical chloroplast RF19	*Guillardia theta*	25.5	18.0	19.3	0.7	0.1	0.9	0.1
993	**002f11**	AV395652	CL46c07	Hypothetical GTP-binding protein	*Arabidopsis thaliana*	5.1	3.4	4.2	0.7	0.0	0.8	0.3
994	**019g12**	AV620297	LC020c02	Hypothetical protein	*Arabidopsis thaliana*	15.7	178.9	70.9	12.0	5.6	2.5	0.2
995	**136b11**	AV620572	LC023h04	Hypothetical protein	*Streptomyces coelicolor*	17.4	32.1	13.9	1.9	1.1	2.4	1.5
996	**138d12**	AV622278	LC047e04	Hypothetical protein	*Homo sapiens*	10.5	16.6	10.0	1.6	0.5	1.8	0.8
997	**010b01**	AV632208	HC005c10	Hypothetical protein	*Nostoc sp. PCC 7120*	27.1	30.8	21.3	1.2	0.5	1.7	1.1
998	**024a06**	AV626279	LCL005f11	Hypothetical protein	*Arabidopsis thaliana*	14.1	180.4	110.5	12.8	0.2	1.7	0.4
999	**114b10**	AV388962	CM074a06	Hypothetical protein	*Synechocystis sp. PCC 6803*	6.5	8.3	5.2	1.3	0.3	1.7	0.5
1000	**135g08**	AV620224	LC019c04	Hypothetical protein	*Synechocystis sp. PCC 6803*	18.1	19.2	12.8	1.1	0.0	1.5	0.2
1001	**131a12**	AV643867	HCL077d10	Hypothetical protein	*Chlamydiatrachomatis*	21.0	18.7	12.5	0.9	0.1	1.5	0.2
1002	**154a02**	AV630748	LCL083g01	Hypothetical protein	*Synechocystis sp. PCC 6803*	12.1	13.9	9.7	1.2	0.3	1.4	0.2
1003	**031g01**	BP087276	MX030c03	Hypothetical protein	*Synechocystis sp. PCC 6803*	28.1	24.2	17.1	0.9	0.3	1.4	0.3
1004	**163e07**	BP094319	MXL021b10	Hypothetical protein	*Synechocystis sp. PCC 6803*	7.9	22.1	16.7	2.8	0.3	1.3	0.1
1005	**138e12**	AV622355	LC048e10	Hypothetical protein	*Synechocystis sp. PCC 6803*	5.8	9.0	7.0	1.5	0.3	1.3	0.2
1006	**015a12**	AV640719	HCL021c04	Hypothetical protein	*Schizosaccharomyces pombe*	22.3	12.5	11.4	0.6	0.2	1.3	0.8
1007	**020b01**	AV620748	LC026c12	Hypothetical protein	*Arabidopsis thaliana*	39.2	30.2	25.0	0.9	0.3	1.3	0.6
1008	**022c01**	AV623513	LC064h10	Hypothetical protein	*Arabidopsis thaliana*	7.8	6.6	5.7	0.9	0.4	1.2	0.3
1009	**139g11**	AV623397	LC063b10	Hypothetical protein	*Arabidopsis thaliana*	11.3	9.1	8.2	0.8	0.3	1.2	0.5
1010	**147b03**	AV627388	LCL026a07	Hypothetical protein	*Oryza sativa*	9.6	8.8	8.1	0.9	0.1	1.2	0.4
1011	**112e12**	AV392025	CM058b01	Hypothetical protein	*Synechocystis sp. PCC 6803*	7.0	6.3	5.2	0.9	0.3	1.2	0.2
1012	**010h12**	AV633849	HC026a10	Hypothetical protein	*Arabidopsis thaliana*	9.5	9.5	8.0	1.0	0.2	1.2	0.4
1013	**034h12**	BP096487	MXL059e08	Hypothetical protein	*Schizosaccharomyces pombe*	9.6	9.5	9.1	1.0	0.2	1.2	0.6
1014	**134c10**	AV619173	LC004g04	Hypothetical protein	*Arabidopsis thaliana*	14.6	9.9	9.6	0.7	0.2	1.2	0.7
1015	**005c02**	AV397483	CM020h08	Hypothetical protein	*Cicer arietinum*	19.9	13.9	12.2	0.9	0.4	1.1	0.3
1016	**022c08**	AV623614	LC066c11	Hypothetical protein	*Pseudomonas aeruginosa*	32.7	77.2	76.1	2.4	0.4	1.1	0.5
1017	**127g11**	AV642007	HCL043g11	Hypothetical protein	*Leishmania major*	139.8	109.8	95.9	0.8	0.0	1.1	0.0
1018	**011e07**	AV635089	HC041g03	Hypothetical protein	*Synechocystis sp. PCC 6803*	32.3	33.1	31.8	1.1	0.3	1.1	0.5
1019	**141d07**	AV624461	LC078a12	Hypothetical protein	*Synechocystis sp. PCC 6803*	12.4	12.7	11.3	1.0	0.1	1.1	0.2
1020	**108a06**	AV387428	CM015g11	Hypothetical protein	*Saccharomyces cerevisiae*	11.0	10.1	9.2	0.9	0.1	1.1	0.2
1021	**030c09**	AV631525	LCL095f07	Hypothetical protein	*Arabidopsis thaliana*	21.2	33.2	30.5	1.6	0.4	1.1	0.2
1022	**016a06**	AV641589	HCL036h09	Hypothetical protein	*Synechocystis sp. PCC 6803*	1.5	1.3	1.3	1.0	0.4	1.1	0.5
1023	**132g08**	AV644825	HCL094c08	Hypothetical protein	*Arabidopsis thaliana*	18.4	17.9	16.6	1.0	0.0	1.1	0.2
1024	**120g06**	AV636401	HC059a05	Hypothetical protein	*Homo sapiens*	60.7	58.9	58.5	1.0	0.1	1.1	0.3
1025	**020b09**	AV620822	LC027c10	Hypothetical protein	*Synechocystis sp. PCC 6803*	8.9	12.4	12.6	1.4	0.2	1.0	0.3
1026	**019f09**	AV620139	LC018b02	Hypothetical protein	*Arabidopsis thaliana*	9.2	6.9	7.3	0.8	0.1	1.0	0.4
1027	**144a01**	AV626060	LCL001g12	Hypothetical protein	*Nicotiana tabacum*	32.6	15.5	15.3	0.5	0.2	1.0	0.2
1028	**017d05**	AV643204	HCL065f01	Hypothetical protein	*Arabidopsis thaliana*	4.6	5.1	5.1	1.1	0.3	1.0	0.2
1029	**109c01**	AV388257	CM024g12	Hypothetical protein	*Synechocystis sp. PCC 6803*	5.9	9.6	9.7	1.6	0.2	1.0	0.2
1030	**154d03**	AV630941	LCL086f06	Hypothetical protein	*Synechocystis sp. PCC 6803*	6.7	5.9	6.1	0.9	0.1	1.0	0.3
1031	**003c05**	AV396195	CL58e02	Hypothetical protein	*Synechocystis sp. PCC 6803*	6.3	7.1	7.3	1.1	0.1	1.0	0.1
1032	**156e11**	BP086206	MX004a11	Hypothetical protein	*Synechocystis sp. PCC 6803*	20.1	15.3	15.9	0.8	0.3	1.0	0.4
1033	**141d10**	AV624471	LC078b10	Hypothetical protein	*Synechocystis sp. PCC 6803*	11.7	12.2	12.9	1.1	0.1	1.0	0.1
1034	**141c07**	AV624381	LC077a05	Hypothetical protein	*Synechocystis sp. PCC 6803*	16.3	15.8	16.7	1.0	0.2	1.0	0.1
1035	**006e06**	AV390049	CM041h02	Hypothetical protein	*Arabidopsis thaliana*	9.8	10.3	11.5	1.1	0.2	0.9	0.3
1036	**027c04**	AV629067	LCL051c06	Hypothetical protein	*Arabidopsis thaliana*	19.3	19.8	21.8	1.0	0.1	0.9	0.2
1037	**022b08**	AV623497	LC064f12	Hypothetical protein	*Homo sapiens*	10.2	10.5	11.0	1.0	0.3	0.9	0.1
1038	**018a01**	AV644067	HCL081b04	Hypothetical protein	*Schizosaccharomyces pombe*	10.7	21.8	27.7	2.1	0.7	0.9	0.5
1039	**165f11**	BP095312	MXL039g07	Hypothetical protein	*Homo sapiens*	9.3	7.7	8.4	0.8	0.1	0.9	0.1
1040	**035g05**	BP097376	MXL074f08	Hypothetical protein	*Picea mariana*	10.0	9.8	11.6	1.0	0.1	0.9	0.4
1041	**111d01**	AV390465	CM046e07	Hypothetical protein	*Aquifex aeolicus*	9.5	16.9	18.4	1.8	0.1	0.9	0.1
1042	**015d06**	AV641082	HCL027d12	Hypothetical protein	*Synechocystis sp. PCC 6803*	12.1	15.4	17.8	1.3	0.4	0.9	0.3
1043	**172d02**	BP098341	MXL091g09	Hypothetical protein	*Oryza sativa*	5.2	3.6	4.3	0.7	0.1	0.9	0.4
1044	**016a04**	AV641587	HCL036h04	Hypothetical protein	*Arabidopsis thaliana*	30.7	34.8	46.6	1.1	0.1	0.9	0.3
1045	**028f11**	AV630205	LCL075d03	Hypothetical protein	*Ricinus communis*	31.8	20.1	24.7	0.6	0.1	0.8	0.2
1046	**024f02**	AV626672	LCL013d12	Hypothetical protein	*Arabidopsis thaliana*	23.8	20.9	26.0	0.9	0.2	0.8	0.1
1047	**003d04**	AV396349	CL60f03	Hypothetical protein	*Schizosaccharomyces pombe*	2.7	2.7	3.4	1.0	0.2	0.8	0.2
1048	**022f06**	AV624043	LC072b08	Hypothetical protein	*Aquifex aeolicus*	36.7	26.1	37.7	0.7	0.2	0.8	0.5
1049	**018h07**	AV619216	LC005c07	Hypothetical protein	*Synechocystis sp. PCC 6803*	3.0	5.2	6.7	1.8	0.5	0.8	0.1
1050	**015e07**	AV641162	HCL028h10	Hypothetical protein	*Nicotiana tabacum*	10.0	9.9	12.9	1.0	0.5	0.7	0.2
1051	**102h03**	BP098612	MXL096c06	Hypothetical protein	*Arabidopsis thaliana*	23.0	15.8	24.1	0.7	0.3	0.7	0.2
1052	**008d12**	AV387678	CM069f12	Hypothetical protein	*Picea mariana*	6.3	4.9	7.7	0.8	0.1	0.6	0.2
1053	**023b12**	AV624803	LC083a03	Hypothetical protein	*Arabidopsis thaliana*	9.0	28.0	45.7	3.4	0.8	0.6	0.1
1054	**112g07**	AV392294	CM060f07	Hypothetical protein	*Arabidopsis thaliana*	8.0	5.3	9.3	0.7	0.1	0.6	0.1
1055	**169e03**	BP096991	MXL068d01	Hypothetical protein	*Arabidopsis thaliana*	10.9	9.9	18.8	1.0	0.3	0.6	0.2
1056	**110a08**	AV388790	CM032e08	Hypothetical protein	*Arabidopsis thaliana*	126.6	47.2	93.8	0.4	0.1	0.5	0.1
1057	**157g05**	BP087144	MX026f02	Hypothetical protein	*Xylella fastidiosa*	3.1	2.7	10.0	0.9	0.1	0.3	0.1
1058	**127a05**	AV641609	HCL037c12	hypothetical protein	*Oryza sativa*	19.8	15.7	23.0	0.8	0.1	0.8	0.3
1059	**027h05**	AV629464	LCL059c02	Hypothetical protein	*Arabidopsis thaliana*	10.6	12.3	9.7	1.1	0.5	1.5	1.1
1060	**026d11**	AV628347	LCL040d06	Hypothetical protein 1	*Rattus norvegicus*	19.5	28.0	34.5	1.4	0.1	0.8	0.0
1061	**106f08**	AV397878	CM002e12	Hypothetical protein 16, transposon	*Chlamydomonas reinhardtii*	4.5	5.7	5.2	1.3	0.2	1.1	0.2
1062	**142d01**	AV625107	LC088a01	Hypothetical protein 16, transposon	*Chlamydomonas reinhardtii*	217.3	242.4	276.9	1.1	0.1	0.9	0.2
1063	**113h11**	BP383678	CM071h11	Hypothetical protein 23, transposon	*Chlamydomonas reinhardtii*	13.5	10.9	12.5	0.9	0.3	0.9	0.2
1064	**036f05**	BP098483	MXL094a07	Hypothetical protein 99	*Porphyra purpurea*	76.4	31.5	49.0	0.4	0.3	0.9	0.7
1065	**172e01**	BP098383	MXL092e07	Hypothetical protein C26D10.3	*Caenorhabditis elegans*	9.4	8.4	10.7	1.1	0.4	0.8	0.4
1066	**161h08**	BP093382	MXL007f09	Hypothetical protein COS41.4	*Ciona intestinalis*	4.7	4.1	5.9	0.8	0.3	0.8	0.6
1067	**169g08**	BP097116	MXL070d06	Hypothetical protein F01F1.7	*Caenorhabditis elegans*	12.2	12.7	13.1	1.0	0.7	1.0	0.9

	A	B	C	D	E	F	G	H	I	J	K	L
1068	**170h12**	BP097666	MXL079d01	Hypothetical protein F17M5.130	*Arabidopsis thaliana*	6.7	5.8	7.1	0.9	0.5	0.8	0.4
1069	**160a04**	BP088263	MX055g01	Hypothetical protein F19I3.9	*Arabidopsis thaliana*	23.9	21.0	16.4	0.9	0.5	1.9	1.6
1070	**164a12**	BP094632	MXL026a06	Hypothetical protein F20M13.30	*Arabidopsis thaliana*	11.9	18.4	8.1	1.6	0.5	3.7	2.9
1071	**013d10**	AV638680	HC089d03	Hypothetical protein F23E12.190	*Arabidopsis thaliana*	7.7	7.9	11.8	1.0	0.2	0.7	0.3
1072	**161b07**	BP092969	MXL001e10	Hypothetical protein F24L7.13	*Arabidopsis thaliana*	144.0	236.6	98.8	1.7	0.2	2.8	1.7
1073	**127h01**	AV642016	HCL044a02	Hypothetical protein F26A1.11	*Caenorhabditis elegans*	53.0	52.7	21.7	1.1	0.3	2.6	1.0
1074	**168f01**	BP096595	MXL061d01	Hypothetical protein F27B13.110	*Arabidopsis thaliana*	14.5	10.7	12.5	0.8	0.1	0.9	0.1
1075	**015f08**	AV641292	HCL031b08	Hypothetical protein F3I6.12	*Arabidopsis thaliana*	2.4	2.6	3.5	1.2	0.5	0.7	0.2
1076	**030h10**	BP086291	MX005h10	Hypothetical protein F6E13.4	*Arabidopsis thaliana*	9.5	14.5	14.8	1.5	0.5	1.0	0.5
1077	**169a12**	BP096828	MXL065e08	Hypothetical protein FLJ20113	*Arabidopsis thaliana*	15.8	19.3	10.4	1.2	0.2	3.8	3.3
1078	**028a04**	AV629563	LCL061a08	Hypothetical protein H04M03.4	*Caenorhabditis elegans*	40.0	36.1	34.4	1.0	0.2	1.2	0.4
1079	**110d08**	AV389290	CM036a02	Hypothetical protein MGC6623	*Mus musculus*	71.7	38.3	83.3	0.5	0.3	0.4	0.2
1080	**036c03**	BP097951	MXL084a09	Hypothetical protein MLCB1222.15	*Mycobacterium leprae*	8.1	8.7	9.5	1.1	0.4	1.1	0.4
1081	**135c03**	AV619877	LC013h06	Hypothetical protein Rv0068	*Mycobacterium tuberculosis*	21.8	16.9	17.4	0.8	0.2	1.0	0.4
1082	**034e04**	BP095866	MXL048e07	Hypothetical protein Rv1373	*Mycobacterium tuberculosis*	10.1	6.0	4.2	0.6	0.1	1.5	0.2
1083	**157g12**	BP087175	MX027d05	Hypothetical protein slr0825	*Synechocystis sp. PCC 6803*	5.9	8.3	9.1	1.4	0.1	0.9	0.2
1084	**159g06**	BP088089	MX051c05	Hypothetical protein slr0825	*Synechocystis sp. PCC 6803*	9.4	10.3	11.7	1.2	0.6	0.9	0.5
1085	**170d03**	BP097391	MXL074h08	Hypothetical protein T12H20.3	*Arabidopsis thaliana*	10.3	7.6	9.6	0.7	0.1	0.8	0.3
1086	**170b10**	BP097298	MXL073c03	Hypothetical protein T13K14.10	*Arabidopsis thaliana*	17.1	19.5	19.7	1.2	0.5	1.0	0.3
1087	**171f05**	BP098007	MXL085c04	Hypothetical protein T21L8.140	*Arabidopsis thaliana*	45.2	19.9	57.4	0.5	0.2	0.5	0.4
1088	**122g11**	AV638900	HC092c08	Hypothetical protein T24A18.30	*Arabidopsis thaliana*	13.5	10.4	10.3	0.8	0.1	1.1	0.3
1089	**004g04**	AV387106	CM013c12	Hypothetical protein TM1267	*Thermotoga maritima*	15.6	21.9	6.8	1.4	0.1	3.4	1.2
1090	**159b05**	BP087741	MX042f09	Hypothetical protein Y48E1B.10	*Caenorhabditis elegans*	7.3	6.9	8.7	1.0	0.2	0.8	0.2
1091	**168b04**	BP096323	MXL056g03	Hypothetical protein YUP8H12R.38	*Arabidopsis thaliana*	5.7	7.9	4.0	1.5	0.6	2.5	1.5
1092	**171c07**	BP097822	MXL081h06	Hypothetical protein ZK520.3	*Caenorhabditis elegans*	10.1	13.3	9.2	1.4	0.3	1.5	0.4
1093	**020c09**	AV620923	LC028f07	Hypothetical proteinYOL133w	*Saccharomyces cerevisiae*	16.5	13.9	16.2	0.9	0.1	0.9	0.3
1094	**163c12**	BP094233	MXL019h07	Hypothetical PSU1-like protein	*Schizosaccharomyces pombe*	13.4	17.2	10.9	1.3	0.4	1.9	1.1
1095	**010e10**	AV633020	HC015g02	Hypothetical Ser-Thr protein kinase	*Arabidopsis thaliana*	9.4	9.3	9.8	1.0	0.3	0.9	0.3
1096	**109g03**	AV388405	CM029e06	Hypothetical tRNA/rRNA methyl transferase slr0992	*Synechocystis sp. PCC 6803*	8.1	7.3	5.6	0.9	0.2	1.3	0.4
1097	**011f06**	AV635262	HC044a11	Hypotheticalprotein	*Synechocystis sp. PCC 6803*	18.1	15.2	13.1	0.9	0.2	1.2	0.3
1098	**017e08**	AV643355	HCL068b12	Hypoxanthine-guanine phosphoribosyl transferase	*Mycobacterium avium*	8.9	4.3	5.8	0.5	0.1	0.7	0.2
1099	**030b04**	AV631393	LCL093b10	IAA-amino acid hydrolase homolog ILL3	*Arabidopsis thaliana*	13.9	9.6	12.9	0.7	0.1	0.8	0.1
1100	**018e05**	AV644915	HCL095e01	I-box binding factor	*Lycopersicon esculentum*	4.9	4.8	4.7	1.0	0.3	1.0	0.2
1101	**115f02**	AV391199	CM089f01	IFP53	*Homo sapiens*	6.5	5.7	5.9	0.9	0.3	1.0	0.5
1102	**034h06**	BP096413	MXL058c11	Import intermediate-associated 100K protein	*Pisum sativum*	16.8	12.5	16.6	0.8	0.2	0.8	0.2
1103	**032b07**	BP093019	MXL002c03	Importin alpha-like protein	*Arabidopsis thaliana*	17.3	16.7	17.6	1.0	0.1	1.0	0.2
1104	**012a01**	AV635778	HC050g08	Importin alpha-like protein	*Arabidopsis thaliana*	91.5	81.1	106.9	0.9	0.1	0.8	0.3
1105	**036h08**	BP098865	MXL100d09	Importin-beta1	*Oryza sativa*	5.4	5.6	6.3	1.2	0.4	1.0	0.6
1106	**016f01**	AV642351	HCL050c06	Importin-beta2	*Oryza sativa*	5.8	9.2	5.7	1.7	0.3	1.6	0.2
1107	**036d12**	BP098259	MXL090c11	Importin-beta2	*Oryza sativa*	11.5	14.7	11.2	1.3	0.3	1.4	0.4
1108	**004c06**	AV386668	CM004g06	Initiation factor 5A-3 (eIF-5A 3)	*Lycopersicon esculentum*	166.7	139.2	169.1	0.8	0.1	0.8	0.1
1109	**006g10**	AV390487	CM046f06	Initiation factor3g	*Arabidopsis thaliana*	23.7	12.2	15.7	0.5	0.2	0.8	0.0
1110	**027d01**	AV629118	LCL052d11	Inner dynein arm L1 intermediate chain, IC140	*Chlamydomonas reinhardtii*	1.6	0.8	0.6	0.5	0.1	174.5	346.3
1111	**002b04**	AV395009	CL31b07	Inner dynein arm L1 intermediate chain, IC140	*Chlamydomonas reinhardtii*	13.5	16.4	21.4	1.2	0.1	0.9	0.3
1112	**032b01**	BP092941	MXL001b06	Inorganic pyrophosphatase	*Nicotiana tabacum*	46.2	51.5	44.9	1.1	0.3	1.2	0.2
1113	**158d09**	BP087649	MX040c04	Inorganic pyrophosphatase	*Oryza sativa*	46.5	21.2	31.7	0.4	0.2	0.7	0.3
1114	**158e12**	BP087668	MX041a04	Inorganic pyrophosphatase	*Oryza sativa*	41.1	16.9	31.8	0.4	0.2	0.6	0.3
1115	**013c12**	AV638476	HC086h04	Inorganic pyrophosphatase precursor	*Chlamydomonas reinhardtii*	32.4	26.8	28.4	0.8	0.0	1.0	0.1
1116	**158d05**	BP087644	MX040b05	Inorganic pyrophosphatase-like protein	*Arabidopsis thaliana*	51.6	46.4	41.9	0.9	0.4	1.1	0.4
1117	**019g05**	AV620245	LC019e04	Inorganicpyrophosphataseprecursor	*Chlamydomonas reinhardtii*	49.7	40.8	45.4	0.8	0.1	1.0	0.4
1118	**136h03**	AV620963	LC029c08	Insoluble protein	*Pinctada fucata*	19.3	18.8	15.9	1.0	0.3	1.3	0.5
1119	**116h04**	AV631976	HC002d08	Insoluble protein	*Pinctada fucata*	9.2	8.4	8.6	0.9	0.1	1.0	0.1
1120	**002h06**	AV395896	CL51d06	Insoluble protein	*Pinctada fucata*	7.9	7.5	9.1	0.9	0.1	0.8	0.2
1121	**130c04**	AV643322	HCL067e10	Insoluble protein	*Pinctada fucata*	7.0	5.8	7.8	0.8	0.1	0.7	0.1
1122	**125c02**	AV640506	HCL017e07	Insoluble protein	*Pinctada fucata*	13.0	10.7	15.9	0.8	0.1	0.7	0.2
1123	**027g08**	AV629431	LCL058f06	Integral membrane protein	*Pseudomonas putida*	2.2	2.4	2.6	1.1	0.2	0.9	0.2
1124	**149b12**	AV628400	LCL041c01	Interferon-g induced GTPase	*Mus musculus*	12.5	122.9	60.3	9.7	3.0	2.0	0.3
1125	**032d12**	BP093313	MXL006f02	Intergral membrane protein 1	*Arabidopsis thaliana*	19.0	16.3	17.8	0.9	0.2	1.0	0.3
1126	**032c03**	BP093066	MXL002h07	involved in starch metabalism	*Solanum tuberosum*	11.2	9.1	7.2	0.8	0.1	1.4	0.6
1127	**167a06**	BP095864	MXL048e05	Isoamylase 1	*Solanum tuberosum*	18.8	31.5	22.9	1.8	0.4	1.9	1.2
1128	**028g09**	AV630278	LCL076e11	Isoamylase 1	*Triticum aestivum*	15.9	17.4	12.5	1.1	0.1	1.4	0.3
1129	**010f02**	AV633114	HC016h10	Isocitrate lyase	*Chlamydomonas reinhardtii*	304.0	248.0	312.0	0.9	0.5	0.9	0.5
1130	**117f11**	AV391188	CM089h01	Isocitrate lyase	*Chlamydomonas reinhardtii*	209.3	167.8	242.8	0.8	0.1	0.7	0.1
1131	**004g07**	AV387040	CM013g02	Isocitrate lyase	*Chlamydomonas reinhardtii*	232.8	170.0	271.9	0.7	0.2	0.6	0.2
1132	**160f05**	BP088883	MX102b10	isocitrate lyase	*Myxococcus xanthus*	309.6	207.5	367.4	0.7	0.0	0.6	0.2
1133	**034a09**	BP095246	MXL038g08	Isoleucine-tRNA ligase-like protein	*Arabidopsis thaliana*	21.9	14.4	15.3	0.7	0.1	1.2	0.8
1134	**154f04**	AV631057	LCL088b12	Isoleucyl-tRNA synthetase	*Nostoc sp. PCC 7120*	25.3	18.9	29.6	0.8	0.1	0.6	0.1
1135	**171d11**	BP097934	MXL083g06	J1B crystallin	*Tripedalia cystophora*	19.5	35.6	30.8	1.8	0.2	1.2	0.3
1136	**143e06**	AV625778	LC097g02	KIAA0005 gene product-like	*Arabidopsis thaliana*	9.5	6.0	7.4	0.7	0.3	0.8	0.3
1137	**024e02**	AV626615	LCL012d01	KIAA0017 protein	*Homo sapiens*	15.1	10.2	9.3	0.7	0.3	1.2	0.5
1138	**158a04**	BP087351	MX032f12	KIAA0304 gene product	*Homo sapiens*	18.0	17.8	12.2	1.1	0.4	3.1	2.5
1139	**120c01**	AV635896	HC052d04	KIAA0346	*Homo sapiens*	39.2	54.3	27.4	1.3	0.5	2.0	1.3
1140	**020c10**	AV620925	LC028f10	KIAA0544 protein	*Homo sapiens*	32.3	20.3	27.4	0.6	0.1	0.8	0.2
1141	**024g07**	AV626817	LCL015h10	KIAA0562 protein	*Homo sapiens*	12.7	11.1	11.3	0.9	0.2	1.0	0.3
1142	**104f12**	AV396006	CL53a08	KIAA0741 protein	*Homo sapiens*	9.4	6.3	5.9	0.7	0.1	1.1	0.5
1143	**146a04**	AV626945	LCL018e10	KIAA0780 protein	*Homo sapiens*	13.1	12.4	8.8	0.9	0.1	1.4	0.2
1144	**025b03**	AV627119	LCL021d05	KIAA0788 protein	*Homo sapiens*	20.8	14.2	16.4	0.7	0.2	0.9	0.0
1145	**036g09**	BP098709	MXL097g03	KIAA0944 protein	*Homo sapiens*	5.8	14.2	9.9	2.5	0.3	1.4	0.1
1146	**125g03**	AV640776	HCL022c04	KIAA0944 protein	*Homo sapiens*	5.4	5.7	5.8	1.1	0.2	1.0	0.2
1147	**162g01**	BP093891	MXL015c01	KIAA0944 protein	*Homo sapiens*	9.1	7.0	11.5	0.8	0.3	1.0	0.8
1148	**034a12**	BP095257	MXL038h11	KIAA0944 protein	*Homo sapiens*	7.9	6.3	8.2	0.8	0.1	0.9	0.5
1149	**127e10**	AV641874	HCL041f11	KIAA0944 protein	*Homo sapiens*	5.3	5.0	5.6	0.9	0.1	0.9	0.1
1150	**161f05**	BP093234	MXL005d08	KIAA0944 protein	*Homo sapiens*	10.2	10.1	14.1	1.1	0.7	0.8	0.4
1151	**157g11**	BP087166	MX027a11	KIAA0944 protein	*Homo sapiens*	6.7	4.8	8.1	0.8	0.5	0.8	0.6
1152	**006b03**	AV389144	CM035c07	KIAA0950 protein	*Homo sapiens*	7.3	9.1	9.8	1.2	0.0	0.9	0.1
1153	**017e02**	AV643268	HCL066e12	KIAA1179 protein	*Homo sapiens*	8.3	11.5	8.4	1.4	0.2	1.4	0.2
1154	**169e10**	BP097027	MXL068h04	KIAA1505 protein	*Homo sapiens*	15.4	13.6	14.7	0.9	0.1	0.9	0.2
1155	**171b12**	BP097792	MXL081d10	KIAA1697 protein	*Oryza sativa*	14.7	59.4	15.5	4.7	2.7	6.9	6.4
1156	**025g08**	AV627836	LCL032g02	kinase-like protein	*Arabidopsis thaliana*	10.6	11.3	11.0	1.1	0.1	1.0	0.2
1157	**166c12**	BP095596	MXL044d02	Kinesin light chain	*Plectonema boryanum*	3.4	4.7	2.6	1.6	0.8	2.2	1.2
1158	**144d12**	AV626257	LCL005c07	Kinesin like protein 9	*Mus musculus*	20.8	18.6	26.1	0.9	0.1	0.9	0.4
1159	**017f03**	AV643432	HCL069e10	Kinesin-like protein	*Chlamydomonas reinhardtii*	1.0	1.5	1.0	1.5	0.2	1.5	0.2
1160	**003a01**	AV395869	CL52c05	Kinesin-like protein	*Drosophila melanogaster*	6.1	8.5	8.1	1.4	0.4	1.1	0.3
1161	**126g08**	AV641464	HCL034a12	Kinesin-like protein	*Chlamydomonas reinhardtii*	20.5	24.5	23.1	1.2	0.1	1.1	0.1
1162	**132a11**	AV644452	HCL088g11	Kinesin-like protein	*Arabidopsis thaliana*	17.7	16.4	18.3	0.9	0.1	0.9	0.2
1163	**032c10**	BP093124	MXL003g05	Kinesin-like protein KIF3B	*Homo sapiens*	48.6	40.3	43.7	0.8	0.2	0.9	0.4
1164	**027h09**	AV629515	LCL060b05	Kinesin-like protein KLP1	*Rattus norvegicus*	1.8	4.9	3.5	3.0	1.2	1.4	0.1
1165	**158f06**	BP087676	MX041b09	L3 Ribosomal protein	*Medicago sativa subsp. xvaria*	297.3	322.8	408.1	1.1	0.3	0.8	0.0
1166	**158g11**	BP087701	MX041g03	L3 Ribosomal protein	*Medicago sativa subsp. xvaria*	376.9	410.8	525.6	1.2	0.6	0.8	0.2
1167	**158g02**	BP087689	MX041e08	L3 Ribosomal protein	*Medicago sativa subsp. xvaria*	270.5	251.0	373.9	1.0	0.3	0.7	0.1
1168	**126c06**	AV641120	HCL028b01	L4171.3	*Leishmania major*	17.7	17.7	26.2	1.0	0.1	0.7	0.2
1169	**108g05**	AV387932	CM021e09	Lactoylglutathione lyase	*Lycopersicon esculentum*	5.8	5.3	6.0	0.9	0.0	0.9	0.1
1170	**116d12**	AV393282	CM099e04	L-allo-threonine aldolase	*Thermotoga maritima*	53.3	40.2	44.8	0.8	0.1	0.9	0.1
1171	**011f07**	AV635275	HC044c05	Large subunit of isopropylmalate isomerase	*Aquifex aeolicus*	16.7	14.8	15.6	0.9	0.1	0.9	0.1
1172	**122e01**	AV638344	HC085b12	L-ascorbate peroxidase	*Chlamydomonas reinhardtii*	20.5	30.5	34.4	1.5	0.2	1.0	0.3
1173	**157d09**	BP086889	MX019f03	L-ASPARTATE OXIDASE (QUINOLINATE SYNTHETASE B)	*Arabidopsis thaliana*	19.8	10.2	24.1	0.5	0.3	0.4	0.1
1174	**166h10**	BP095824	MXL048a02	Latent TGF-beta complexed protein	*Cricetulusgriseus*	6.6	5.4	10.0	0.8	0.3	0.6	0.5

	A	B	C	D	E	F	G	H	I	J	K	L
1175	**029a05**	AV630491	LCL079f12	Latex-abundant protein	*Hevea brasiliensis*	85.4	53.0	74.0	0.6	0.1	0.8	0.6
1176	**015h06**	AV641519	HCL035c03	LD23830	*Drosophila melanogaster*	11.9	8.0	9.0	0.7	0.1	0.9	0.3
1177	**109g06**	AV388417	CM029f02	Learning/memoryprocess protein	*Drosophila melanogaster*	8.5	9.0	7.6	1.1	0.1	1.2	0.3
1178	**023f05**	AV625298	LC090f03	LEDI-3 protein	*Lithospermum erythrorhizon*	26.8	23.2	30.4	0.9	0.2	0.8	0.3
1179	**154c07**	AV630884	LCL085f12	LET 858 gene product-like	*Arabidopsis thaliana*	47.0	37.6	50.9	0.8	0.1	0.8	0.2
1180	**005c07**	AV387887	CM022a05	Leukotrien-A4 hydrolase	*Caenorhabditis elegans*	9.7	29.5	32.5	3.2	0.8	0.9	0.3
1181	**172b09**	BP098253	MXL090c01	Leukotriene A4 hydrolase	*Homo sapiens*	8.3	12.4	8.8	1.7	0.9	1.8	1.1
1182	**134d02**	AV619205	LC005b04	Lhca4 protein,Type 4 protein of light-harvesting complex of photosys	*Pinus sylvestris*	186.8	82.3	175.2	0.4	0.2	0.5	0.3
1183	**112h10**	AV392547	CM062d04	Ligase I	*Xenopus laevis*	6.7	6.4	5.9	1.0	0.1	1.1	0.3
1184	**002g07**	AV397762	CL49e02	Light harvesting chlorophyll a protein	*Chlamydomonas reinhardtii*	810.9	357.3	908.1	0.5	0.3	0.4	0.1
1185	**159a05**	BP087722	MX042c11	Light harvesting complex a protein	*Volvox carteri*	334.2	265.7	180.9	0.7	0.2	2.1	1.8
1186	**159c03**	BP087752	MX042h07	Light harvesting complex a protein	*Volvox carteri*	195.8	165.1	188.8	0.8	0.4	1.1	0.9
1187	**138b08**	AV622119	LC045d02	Light harvesting complex a protein	*Volvox carteri f. nagariensis*	265.6	151.0	161.6	0.5	0.1	1.0	0.7
1188	**159d07**	BP087783	MX043e07	Light harvesting complex a protein	*Volvox carteri f.nagariensis*	364.4	226.0	279.2	0.6	0.2	0.8	0.6
1189	**005b10**	AV397473	CM020e01	Light harvesting complex a protein	*Volvox carteri f. nagariensis*	130.1	86.5	123.2	0.6	0.2	0.7	0.3
1190	**143f05**	AV625842	LC098g03	Light harvesting complex a protein	*Volvox carteri f.nagariensis*	278.7	146.4	233.8	0.5	0.0	0.7	0.4
1191	**008b06**	AV392956	CM066c02	Light harvesting complex a protein	*Volvox carteri f. nagariensis*	182.8	116.7	191.8	0.6	0.1	0.6	0.3
1192	**004d09**	AV386738	CM008c12	Light harvesting complex a protein	*Volvox carteri f. nagariensis*	93.8	68.0	110.4	0.7	0.0	0.6	0.1
1193	**009f04**	AV392107	CM094h03	Light harvesting complex a protein	*Volvox carteri*	101.6	40.3	97.0	0.4	0.3	0.4	0.2
1194	**009c02**	AV390067	CM086f06	Light harvesting complex a protein	*Volvox carteri f. nagariensis*	119.9	106.7	128.5	0.9	0.3	0.9	0.3
1195	**109f04**	AV387987	CM028b05	Light harvesting complex A protein precursor	*Volvox carteri*	83.9	42.5	58.5	0.5	0.3	0.7	0.4
1196	**158c08**	BP087597	MX038d08	Light harvesting complex A protein precursor	*Volvox carteri*	59.7	31.2	47.2	0.4	0.3	0.6	0.5
1197	**019d06**	AV619729	LC014a01	Light harvesting complex I chlorophyll binding protein	*Pyrobotrys stellata*	302.6	171.3	258.9	0.5	0.1	0.7	0.3
1198	**112e02**	AV391919	CM057d07	Light harvesting complex I protein precursor	*Chlamydomonas reinhardtii*	83.1	46.1	79.0	0.6	0.0	0.6	0.3
1199	**007e08**	AV391904	CM057c07	Light harvesting complex I protein precursor	*Chlamydomonas reinhardtii*	151.0	74.9	201.7	0.5	0.2	0.4	0.1
1200	**107f04**	AV386893	CM011b05	Light harvesting complex II protein precursor	*Chlamydomonas reinhardtii*	791.7	417.1	565.1	0.5	0.1	0.8	0.3
1201	**006a12**	AV389096	CM034h09	Light harvesting complex II protein precursor	*Chlamydomonas reinhardtii*	698.9	307.2	542.1	0.4	0.1	0.6	0.2
1202	**107f06**	AV386930	CM011c06	Light harvesting complex II protein precursor	*Chlamydomonas reinhardtii*	833.0	311.8	592.9	0.4	0.2	0.5	0.1
1203	**159c07**	BP087761	MX043b02	Light harvesting complex II protein precursor (Lhcb2)	*Chlamydomonas reinhardtii*	1394.5	876.6	1011.3	0.6	0.4	1.0	0.9
1204	**032a05**	BP087685	MX041d04	Light harvesting complex II protein precursor (Lhcb2)	*Chlamydomonas reinhardtii*	2228.7	966.1	1601.3	0.4	0.2	0.6	0.4
1205	**142f10**	AV625367	LC091e10	Light harvesting complex II protein precursor (Lhcb2)	*Chlamydomonas reinhardtii*	1725.5	745.5	1375.3	0.4	0.3	0.6	0.6
1206	**120f09**	AV636296	HC057f05	Light harvesting complex II protein precursor (Lhcb2)	*Chlamydomonas reinhardtii*	150.6	76.4	140.4	0.5	0.1	0.5	0.1
1207	**159d01**	BP087771	MX043c07	Light harvesting complex II protein precursor (Lhcb3)	*Chlamydomonas reinhardtii*	1461.4	758.8	1029.6	0.5	0.2	0.7	0.4
1208	**008g12**	AV389730	CM076g03	Light-harvesting chlorophyll-a/b binding protein Lhcb4	*Arabidopsis thaliana*	185.8	58.7	142.3	0.3	0.1	0.4	0.1
1209	**026b06**	AV628126	LCL037b07	Light-harvesting chlorophyll-a/b binding protein Lhcb4	*Chlamydomonas reinhardtii*	507.0	214.0	331.9	0.4	0.2	0.8	0.6
1210	**158e06**	BP087658	MX040e03	Light-harvesting chlorophyll-a/b binding protein LhcII-1.3	*Chlamydomonas reinhardtii*	1688.9	1036.7	1492.4	0.6	0.3	0.7	0.6
1211	**162d10**	AV390445	CM046d05	Light-harvesting chlorophyll-a/b binding protein LhcII-1.3	*Chlamydomonas reinhardtii*	1488.4	664.6	1104.5	0.4	0.1	0.6	0.4
1212	**158a02**	BP087340	MX032c03	Light-harvesting chlorophyll-a/b binding protein LhcII-3	*Chlamydomonas reinhardtii*	1311.2	846.5	870.4	0.6	0.4	1.3	1.2
1213	**138b06**	AV622111	LC045c04	Light-harvesting chlorophyll-a/b binding protein LhcII-3	*Chlamydomonas reinhardtii*	1106.7	538.6	701.1	0.5	0.2	0.8	0.6
1214	**157d04**	BP086856	MX018f04	Light-harvesting chlorophyll-a/b binding protein LhcII-3	*Chlamydomonas reinhardtii*	1491.2	868.4	1344.4	0.6	0.2	0.7	0.4
1215	**120b10**	AV635886	HC052c05	Light-harvesting chlorophyll-a/b binding protein LhcII-3	*Chlamydomonas reinhardtii*	999.1	492.0	822.9	0.5	0.1	0.7	0.4
1216	**118b01**	AV628818	LCL047e09	Light-harvesting chlorophyll-a/b binding protein LhcII-3	*Chlamydomonas reinhardtii*	410.5	331.4	566.2	0.9	0.5	0.6	0.3
1217	**118c10**	AV633677	HC023h04	Light-harvesting chlorophyll-a/b binding protein LhcII-3	*Chlamydomonas reinhardtii*	605.8	323.5	524.1	0.6	0.2	0.6	0.2
1218	**118d10**	AV633790	HC025c06	Light-harvesting chlorophyll-a/b binding protein LhcII-3	*Chlamydomonas reinhardtii*	112.6	77.4	147.4	0.7	0.3	0.5	0.2
1219	**019c04**	AV619881	LC013a02	Light-harvesting chlorophyll-a/b binding protein LhcII-3	*Chlamydomonas reinhardtii*	1290.1	620.3	1156.9	0.5	0.3	0.5	0.3
1220	**160h09**	BP089406	MX206f08	Light-harvesting chlorophyll-a/b binding protein LhcII-3	*Chlamydomonas reinhardtii*	1567.8	423.9	1319.1	0.3	0.0	0.3	0.0
1221	**161a05**	BP089468	MX207h02	Light-harvesting chlorophyll-a/b binding protein LhcII-4	*Chlamydomonas reinhardtii*	1424.3	865.7	692.1	0.6	0.3	1.9	1.8
1222	**157a01**	BP086446	MX009a07	Light-harvesting chlorophyll-a/b binding protein LhcII-4	*Chlamydomonas reinhardtii*	1256.7	969.9	843.2	0.8	0.5	1.7	1.6
1223	**119c08**	AV634846	HC038g02	Light-harvesting chlorophyll-a/b binding protein LhcII-4	*Chlamydomonas reinhardtii*	1215.7	551.1	912.2	0.4	0.2	0.7	0.5
1224	**142f08**	AV625361	LC091e03	Light-harvesting chlorophyll-a/b binding protein LhcII-4	*Chlamydomonas reinhardtii*	652.1	325.0	512.9	0.4	0.2	0.7	0.5
1225	**108f02**	AV397475	CM020f05	Light-harvesting chlorophyll-a/b binding protein LhcII-4	*Chlamydomonas reinhardtii*	757.6	412.4	665.2	0.5	0.2	0.7	0.4
1226	**117b06**	AU301229	HC006b08	Light-harvesting chlorophyll-a/b binding protein LhcII-4	*Chlamydomonas reinhardtii*	922.2	403.5	660.3	0.4	0.1	0.6	0.1
1227	**107d02**	AV391983	CM093g04	Light-harvesting chlorophyll-a/b binding protein LhcII-4	*Chlamydomonas reinhardtii*	511.1	277.2	584.3	0.6	0.3	0.6	0.3
1228	**013f05**	AV639096	HC094h11	Light-harvesting complex II protein	*Chlamydomonas reinhardtii*	535.4	270.7	535.4	0.6	0.4	0.5	0.3
1229	**114a12**	AV397229	CM073b01	Light-harvesting complex II protein precursor	*Chlamydomonas reinhardtii*	607.8	360.3	549.3	0.7	0.4	0.6	0.1
1230	**165d11**	AV397229	CL78e01	Light-harvesting complex II protein precursor (cabII-2)	*Chlamydomonas reinhardtii*	1361.1	738.6	1219.3	0.5	0.2	0.6	0.4
1231	**030g01**	BP086118	MX002c04	Lil3 protein	*Arabidopsis thaliana*	115.8	31.2	62.3	0.2	0.1	0.6	0.5
1232	**019c02**	AV619723	LC012c04	Lil3 protein	*Arabidopsis thaliana*	57.3	20.7	37.5	0.5	0.5	0.5	0.4
1233	**126f09**	AV641386	HCL032f12	Lipoxygenase	*Glycine max*	19.0	11.0	10.4	0.7	0.3	1.1	0.2
1234	**017g10**	AV643732	HCL075a05	Lis1 homolog	*Drosophila melanogaster*	0.9	1.1	1.3	1.4	1.1	1.2	1.3
1235	**156c06**	AV631795	LCL100a02	Lis1 homolog	*Drosophila melanogaster*	28.1	28.8	40.9	1.0	0.2	0.7	0.2
1236	**140a01**	AV623521	LC065b01	Llight chain of axonemal inner dynein arm, p28	*Chlamydomonas reinhardtii*	32.8	34.0	20.6	1.0	0.1	1.7	0.9
1237	**153b08**	AV630361	LCL077g10	LLS1	*Zea mays*	10.3	9.2	8.1	1.0	0.2	1.3	0.6
1238	**020f09**	AV621323	LC034d04	Low-carbon dioxide inducible protein (lci3)	*Chlamydomonas reinhardtii*	94.8	117.1	74.1	1.6	0.7	1.7	0.9
1239	**032a10**	BP087723	MX042c12	Low-carbon dioxide inducible protein (lci3)	*Chlamydomonas reinhardtii*	119.9	143.0	92.8	1.5	0.7	1.6	0.6
1240	**137c06**	AV621398	LC035e05	Low-CO_2 inducible membrane protein, Lci1	*Chlamydomonas reinhardtii*	3.8	305.9	110.6	82.2	32.0	2.7	0.4
1241	**019d11**	AV619824	LC015b02	Low-CO_2 inducible membrane protein, Lci1	*Chlamydomonas reinhardtii*	3.9	287.2	133.3	76.3	10.3	2.1	0.9
1242	**112b03**	AV391468	CM054g08	Low-CO_2 inducible membrane protein, Lci1	*Chlamydomonas reinhardtii*	22.6	233.9	81.3	11.4	7.1	2.9	1.4
1243	**011e02**	AV634930	HC039g08	Low-CO_2 inducible protein, Lci5	*Chlamydomonas reinhardtii*	85.0	293.5	287.8	3.4	1.0	1.1	0.5
1244	**122f03**	AV638583	HC088b12	Low-CO_2 inducible protein, Lci5	*Chlamydomonas reinhardtii*	68.6	211.2	216.2	3.3	1.2	1.0	0.1
1245	**023e06**	AV625166	LC088g04	Low-CO2 inducible protein, Lci6	*Chlamydomonas reinhardtii*	16.9	33.1	6.7	2.0	0.2	5.0	0.6
1246	**019d04**	AV619888	LC013g09	Low-CO_2 inducible protein, LciA	*Chlamydomonas reinhardtii*	5.9	224.8	147.9	46.5	23.4	1.5	0.1
1247	**031h05**	BP087443	MX034f10	Low-CO_2 inducible protein, LciA	*Chlamydomonas reinhardtii*	3.5	205.2	144.1	62.2	17.9	1.5	0.2
1248	**018h08**	AV619223	LC005d03	Low-CO_2 inducible protein, LciA	*Chlamydomonas reinhardtii*	2.2	130.5	101.9	60.7	10.6	1.3	0.4
1249	**108g10**	AV621495	LC036h07	Low-CO_2 inducible protein, LciA	*Chlamydomonas reinhardtii*	124.4	79.5	68.9	0.6	0.1	1.2	0.4
1250	**012g07**	AV637344	HC071h08	Low-CO_2 inducible protein, LciB	*Chlamydomonas reinhardtii*	7.4	185.0	201.9	24.3	7.1	0.9	0.2
1251	**019b06**	AV619626	LC010h12	Low-CO_2 inducible protein, LciB	*Chlamydomonas reinhardtii*	590.4	437.5	517.6	0.7	0.0	0.8	0.1
1252	**028e01**	AV630016	LCL071a12	Low-CO_2 inducible protein, LciC	*Chlamydomonas reinhardtii*	14.3	241.7	181.9	16.9	2.9	1.3	0.2
1253	**169e12**	BP097237	MXL072c04	Low-CO_2 inducible protein, LciC	*Chlamydomonas reinhardtii*	12.6	278.7	234.0	22.9	8.5	1.2	0.1
1254	**034g10**	BP096246	MXL055c06	Low-CO_2 inducible protein, LciC	*Chlamydomonas reinhardtii*	18.3	284.4	320.2	15.7	2.4	0.9	0.1
1255	**024e07**	AV626639	LCL012g09	Low-CO_2 inducible protein, LciC		21.9	322.0	403.4	15.1	3.9	0.8	0.1
1256	**115d09**	AV390843	CM087h07	Luminal binding protein, BiP	*Scherffelia dubia*	25.4	17.3	25.7	0.7	0.3	0.7	0.2
1257	**032h04**	BP093694	MXL012b04	Luminal binding protein, BiP	*Scherffelia dubia*	51.9	29.7	50.6	0.6	0.2	0.6	0.0
1258	**036g04**	BP098629	MXL096e08	Lycopene cyclase	*Arabidopsis thaliana*	25.4	21.8	28.7	0.9	0.2	0.8	0.2
1259	**130a01**	AV643150	HCL064f11	Lycopene epsilon cyclase	*Gentiana lutea*	15.4	12.3	14.5	0.8	0.1	0.9	0.2
1260	**029e03**	AV630902	LCL086a08	Lycopene synthase	*Capsicum annuum*	30.3	22.6	35.3	0.7	0.1	0.7	0.2
1261	**019d03**	AV619767	LC013f12	Lysine-sensitive aspartate kinase	*Arabidopsis thaliana*	139.3	121.8	106.7	0.9	0.1	1.2	0.4
1262	**015e05**	AV641144	HCL028e04	Lysine-sensitive aspartate kinase	*Arabidopsis thaliana*	11.0	6.6	8.5	0.6	0.1	0.8	0.2
1263	**120a02**	AV635645	HC049a05	Maa2 protein	*Chlamydomonas reinhardtii*	29.5	26.7	23.7	0.9	0.2	1.2	0.6
1264	**118d08**	AV633750	HC024g09	MAC30	*Homo sapiens*	11.6	10.6	11.2	0.9	0.1	1.0	0.4
1265	**022c02**	AV623514	LC064h12	Magnesium chelatase H subunit	*Chlamydomonas reinhardtii*	26.5	10.1	22.6	0.4	0.1	0.5	0.1
1266	**170d07**	BP097411	MXL075c08	Magnesium chelatase H subunit	*Chlamydomonas reinhardtii*	30.6	8.2	34.2	0.3	0.0	0.2	0.0
1267	**016b12**	AV641832	HCL041a10	Magnesium chelatase subunit	*Glycine max*	18.1	6.4	14.3	0.4	0.0	0.5	0.1
1268	**156c07**	AV631802	LCL100a11	Magnesium-chelatase subunit ChlD	*Nicotiana tabacum*	55.5	48.2	53.6	0.9	0.6	0.8	0.4
1269	**036d02**	BP098108	MXL087c01	Magnesium-chelatase subunit ChlD	*Pisum sativum*	17.5	6.7	12.9	0.4	0.2	0.6	0.2
1270	**004d08**	AV386694	CM008c11	Magnesium-chelatase subunit I	*Chlamydomonas reinhardtii*	48.4	28.0	27.7	0.6	0.1	1.0	0.4
1271	**009a04**	AV390005	CM082a05	Magnesium-protoporphyrin IX methyltransferase-like protein	*Arabidopsis thaliana*	45.5	24.6	28.7	0.5	0.3	0.8	0.5
1272	**126f08**	BP098729	MXL098b01	Major light-harvesting complex II protein m9	*Chlamydomonas reinhardtii*	775.2	228.9	626.0	0.3	0.1	0.4	0.1
1273	**170g05**	BP097572	MXL077h10	Major light-harvesting complex II protein m9	*Chlamydomonas reinhardtii*	1050.9	346.3	973.8	0.3	0.1	0.4	0.0
1274	**168g03**	BP096674	MXL062h02	Mak16-like protein	*Schizosaccharomyces pombe*	28.1	14.8	24.9	0.5	0.1	0.7	0.5
1275	**004e03**	AV397667	CM009f10	Malate dehydrogenase	*Chlamydomonas reinhardtii*	23.6	27.4	24.7	1.2	0.2	1.1	0.2
1276	**159b06**	BP087742	MX042f12	Malate dehydrogenase, mitochondrial	*Brassica oleracea*	53.7	61.4	39.3	1.1	0.1	2.4	1.8
1277	**018c01**	AV644301	HCL085h03	Malate synthase	*Emericella nidulans*	68.4	91.1	58.4	1.3	0.1	1.7	0.9
1278	**010h02**	AV633628	HC023b09	Malate synthase	*Emericella nidulans*	37.0	43.2	32.9	1.1	0.2	1.4	0.7
1279	**164f01**	BP094816	MXL030c07	Malate synthase	*Emericella nidulans*	107.8	104.8	82.2	1.0	0.1	1.3	0.3
1280	**107c01**	AV393430	CL03g08	Malate synthase	*Emericella nidulans*	20.9	34.6	33.1	1.7	0.3	1.2	0.6
1281	**132b08**	AV644152	HCL083a02	Malate synthase	*Emericella nidulans*	104.2	95.8	91.7	1.0	0.2	1.2	0.5

	A	B	C	D	E	F	G	H	I	J	K	L
1282	**014d09**	AV640044	HCL009c11	Malate synthase	*Emericella nidulans*	71.0	67.7	61.2	1.0	0.1	1.1	0.4
1283	**009a01**	AV389927	CM080h12	Male germ cell-associated kinase (Mak)	*Rattus norvegicus*	12.6	19.3	14.8	1.7	0.4	1.3	0.3
1284	**033c09**	BP094286	MXL020e12	Malic enzyme 3, NADP(+)-dependent, mitochondrial	*Homo sapiens*	14.4	13.0	15.0	0.9	0.1	0.9	0.3
1285	**122d01**	AV638156	HC082f07	Malonyl CoA decarboxylase	*Anser anser*	5.7	6.3	4.3	1.3	1.0	1.4	0.5
1286	**157b09**	BP086661	MX013h03	Mammary tumor integration site 6 oncogene protein	*Mus musculus*	28.0	23.0	16.8	0.9	0.4	1.7	1.1
1287	**018h12**	AV619328	LC006g02	MAP kinase 5	*Zea mays*	3.8	3.7	4.2	1.1	0.5	0.9	0.5
1288	**014h01**	AV640473	HCL016h11	MAP kinase-like protein	*Trypanosoma brucei*	4.9	6.9	4.2	1.7	0.8	1.7	0.1
1289	**023g05**	AV626067	LCL001h07	MAP3K delta-1 protein kinase	*Arabidopsis thaliana*	4.6	4.4	4.8	1.0	0.2	1.0	0.3
1290	**016g06**	AV642530	HCL053d11	MAP3K delta-1 protein kinase	*Arabidopsis thaliana*	5.4	5.2	6.1	1.0	0.2	0.8	0.2
1291	**155c12**	AV631386	LCL093a08	MCM2-related protein	*Arabidopsis thaliana*	14.5	18.3	11.0	1.9	1.3	3.3	2.7
1292	**108f10**	AV387908	CM021c05	MDG1	*Homo sapiens*	10.9	8.9	11.4	0.8	0.1	0.8	0.3
1293	**127g04**	AV641987	HCL043e04	Medium-chain fatty acid-CoA ligase		56.3	42.8	71.2	0.8	0.1	0.7	0.3
1294	**106h11**	AV386655	CM004d09	Meichroacidin	*Mus musculus*	88.3	68.7	93.7	0.8	0.0	0.8	0.1
1295	**125a07**	AV640401	HCL015f06	Membrane atpase	*Schizosaccharomyces pombe*	7.6	9.1	7.0	1.3	0.5	1.3	0.2
1296	**024e05**	AV626629	LCL012e11	Membrane protein	*Agrobacterium vitis*	2.2	1.8	1.5	0.9	0.4	1.2	0.3
1297	**004f03**	AV386884	CM011e01	Membrane protein TMS1d-like protein	*Arabidopsis thaliana*	7.6	6.6	5.8	1.1	0.5	1.1	0.3
1298	**024g11**	AV626861	LCL016h03	Membrane protein TMS1d-like protein	*Arabidopsis thaliana*	12.1	14.2	14.0	1.2	0.1	1.0	0.2
1299	**029e04**	AV630903	LCL086a09	Membrane-associated 30 kDa protein, chloroplast precursor (M30)	*Pisum sativum*	37.2	53.9	61.3	1.5	0.7	0.9	0.3
1300	**012d03**	AV636627	HC062a07	MEP (213aa) (638 is 2nd base in codon)	*Mus musculus*	5.7	11.1	10.9	2.0	0.3	1.0	0.4
1301	**152c02**	AV629852	LCL067f07	Meso-diaminopiMelate-adding enzyMe	*Escherichia coli*	4.5	3.7	3.5	0.8	0.1	1.1	0.4
1302	**006b01**	AV389100	CM034h10	Methionine synthase, cobalamin-independent	*Chlamydomonas reinhardtii*	141.1	78.6	73.4	0.6	0.2	1.1	0.2
1303	**002b05**	AV395046	CL31e05	Methionine synthase, cobalamin-independent	*Chlamydomonas reinhardtii*	133.7	52.6	51.0	0.4	0.0	1.1	0.1
1304	**139c10**	BP098789	MXL099b11	Methionine synthase, cobalamin-independent	*Chlamydomonas reinhardtii*	183.7	84.8	88.6	0.5	0.1	1.0	0.4
1305	**033h07**	BP095078	MXL035d09	Methionine synthase, cobalamin-independent	*Chlamydomonas reinhardtii*	181.2	73.4	79.1	0.4	0.0	1.0	0.4
1306	**026b08**	AV628139	LCL037c12	Methionine-tRNA synthetase	*Homo sapiens*	18.7	11.7	17.0	0.6	0.2	0.8	0.4
1307	**145c01**	AV626564	LCL011d09	Methyl-accepting chemotaxis protein (MCP) homologue	*Pseudomonas aeruginosa*	10.5	6.5	7.4	0.7	0.3	1.0	0.5
1308	**109h11**	AV388697	CM031d10	Methylated-DNA--protein-cysteine S-methyltransferase	*Methanobacterium thermoautotrophicu*	113.2	83.2	95.4	0.7	0.1	0.9	0.1
1309	**154c01**	AV630860	LCL085c12	Methylmalonate semi-aldehyde dehydrogenase	*Oryza sativa*	19.8	26.4	24.5	1.3	0.1	1.2	0.4
1310	**130a03**	AV643160	HCL064h02	Methylmalonate semi-aldehyde dehydrogenase	*Oryza sativa*	12.6	16.5	17.5	1.3	0.2	1.0	0.2
1311	**013e11**	AV638892	HC092b09	Methylmalonate semi-aldehyde dehydrogenase	*Oryza sativa*	10.0	12.7	15.5	1.3	0.6	0.8	0.3
1312	**102d09**	AV394213	CL22c04	Mg chelatase subunit	*Nicotiana tabacum*	15.8	7.7	13.8	0.5	0.2	0.6	0.2
1313	**123h06**	AV639849	HCL006b02	Mg-protoporphyrin IX	*Hordeum vulgare*	21.5	20.4	16.9	0.9	0.5	1.3	0.9
1314	**036a02**	BP097601	MXL078c10	Microsomal glutathione S-transferase 3	*Oryza sativa*	28.2	20.3	20.8	0.7	0.2	1.0	0.2
1315	**036a01**	BP097598	MXL078c07	MigA	*Dictyostelium discoideum*	61.1	36.7	66.1	0.6	0.1	0.8	0.5
1316	**164h03**	BP094965	MXL033e03	Mismatch binding protein Mus3	*Zea mays*	30.8	23.9	32.8	0.8	0.2	0.8	0.4
1317	**151c11**	AV629419	LCL058d11	Mitochondria carrier protein	*Schizosaccharomyces pombe*	7.8	34.5	33.4	4.4	1.3	1.1	0.6
1318	**161a07**	BP089491	MX208d03	Mitochondrial apocytochrome c (cyc)	*Chlamydomonas reinhardtii*	83.6	104.0	46.8	1.2	0.4	3.6	3.1
1319	**159b08**	BP087745	MX042g06	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	4.2	760.6	286.9	186.6	31.9	3.6	1.7
1320	**135h02**	AV620271	LC019h06	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	15.7	836.4	278.6	56.3	26.9	2.9	0.6
1321	**140g01**	AU301243	LC072b01	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	6.3	790.6	356.7	127.1	46.2	2.7	1.0
1322	**137e03**	AU301239	LC038g09	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	4.9	718.6	266.6	157.5	83.3	2.7	0.2
1323	**142a02**	AU301245	LC083d02	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	5.8	692.4	285.7	125.2	56.2	2.5	0.3
1324	**143d04**	AV625688	LC096e02	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	7.9	796.4	347.2	100.2	24.2	2.5	0.5
1325	**141c05**	AV624371	LC076g12	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	8.7	721.5	335.0	97.3	59.0	2.4	0.6
1326	**136f02**	AU301238	LC026f10	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	5.0	758.3	336.9	145.0	39.7	2.3	0.2
1327	**028b01**	AV631799	LCL100a08	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	5.9	886.8	376.6	147.9	35.2	2.3	0.2
1328	**147e03**	AV627559	LCL028e06	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	9.3	767.4	345.5	81.5	27.6	2.3	0.2
1329	**142b08**	AV388778	LC085c06	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	86.4	871.7	426.7	9.9	2.0	2.3	0.5
1330	**005b02**	AV623094	LC058h01	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	4.7	542.6	244.5	113.1	18.5	2.2	0.1
1331	**137e08**	AV621674	LC039e05	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	4.0	679.2	339.0	173.4	76.9	2.2	0.6
1332	**136c12**	AV388778	LC024g11	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	9.8	585.4	254.1	63.2	40.2	2.2	0.2
1333	**116f06**	AV392849	CM100h05	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	4.0	435.7	185.4	103.7	32.5	2.2	0.5
1334	**111e09**	AV390875	CM048e12	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	12.5	508.5	218.8	40.8	23.1	2.2	1.0
1335	**027f12**	AV629356	LCL057c09	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	4.5	658.4	353.6	143.7	36.0	2.1	0.6
1336	**142e12**	AV388778	LC090b05	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	5.0	531.1	254.6	106.1	37.5	2.1	0.2
1337	**019f02**	AV622476	LC050c02	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	4.1	326.7	157.2	82.6	20.0	2.1	0.0
1338	**143e05**	AU301247	LC097f02	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	6.4	816.9	440.9	128.1	38.3	2.0	0.3
1339	**137f11**	AV621790	LC041a03	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	7.7	501.6	264.5	86.3	62.2	2.0	0.3
1340	**143e11**	AV625799	LC098a03	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	8.5	785.9	424.5	92.2	5.5	2.0	0.3
1341	**021c07**	AV388570	CM030b11	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	5.7	703.0	380.7	121.0	21.7	2.0	0.3
1342	**021h09**	AV622685	LC053a06	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	6.0	837.4	462.5	137.9	25.2	2.0	0.3
1343	**019c08**	AV631543	LCL095h11	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	3.5	423.9	231.9	122.3	42.0	1.9	0.3
1344	**142f11**	AV388778	CM032c10	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	6.1	790.2	426.9	127.0	33.8	1.9	0.2
1345	**019c07**	AV628028	LCL035f09	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	6.5	633.2	324.4	99.5	50.6	1.9	0.4
1346	**021b06**	AV630094	LCL073a07	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	9.4	937.7	519.1	97.8	42.2	1.8	0.1
1347	**144f08**	AV631825	LCL100d09	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	27.7	411.3	253.9	15.8	7.5	1.8	0.4
1348	**018g08**	AV619094	LC003f11	Mitochondrial carbonic anhydrase, Mca	*Chlamydomonas reinhardtii*	43.1	84.0	65.5	2.1	1.0	1.3	0.4
1349	**170b05**	BP097274	MXL072h02	Mitochondrial carrier protein	*Schizosaccharomyces pombe*	7.9	6.3	5.3	0.8	0.1	1.4	0.7
1350	**119e06**	BP383700	HC042c05	Mitochondrial carrier protein	*Ribes nigrum*	17.5	16.1	17.6	0.9	0.1	0.9	0.2
1351	**033d03**	BP094345	MXL021e11	Mitochondrial phosphate transporter	*Arabidopsis thaliana*	41.9	18.9	24.1	0.5	0.1	0.8	0.1
1352	**006b09**	AV389278	CM036a01	Mitochondrial phosphate transporter	*Zea mays*	17.2	9.5	13.5	0.6	0.0	0.7	0.1
1353	**029g09**	AV631099	LCL088g04	Mitochondrial processing peptidase alpha subunit	*Arabidopsis thaliana*	47.4	38.1	33.9	0.8	0.3	1.1	0.3
1354	**156g11**	BP086356	MX007b11	Mitochondrial processing peptidase alpha subunit	*Solanum tuberosum*	14.5	8.9	13.7	0.6	0.2	0.7	0.3
1355	**030h07**	BP086250	MX005b02	Mitochondrial uncoupling protein	*Arabidopsis thaliana*	21.3	30.5	27.5	1.4	0.2	1.2	0.5
1356	**027a05**	AV628752	LCL046f02	Mitogen activated protein kinase kinase	*Oryza sativa*	8.3	5.4	6.8	0.7	0.2	1.0	0.5
1357	**006a09**	AV388972	CM034a10	Mitogen-0activated protein kinase homolog NTF3	*Arabidopsis thaliana*	15.9	19.4	19.5	1.2	0.2	1.0	0.3
1358	**138d04**	AV622228	LC046h01	Mitogen-activated protein kinase	*Chlamydomonas reinhardtii*	10.8	21.5	10.9	2.0	0.8	2.0	0.2
1359	**009e07**	AV392992	CM093d12	Mn superoxide dismutase	*Chlamydomonas reinhardtii*	27.4	29.5	36.7	1.1	0.2	0.8	0.1
1360	**007b05**	AV391186	CM051d09	MNTH_ANASP Probable manganese transport protein mntH	*Nostoc sp. PCC 7120*	4.5	4.2	4.0	1.0	0.2	1.0	0.2
1361	**136d10**	AV620708	LC025g07	ModA	*Dictyostelium discoideum*	7.5	7.1	5.8	0.9	0.1	1.2	0.2
1362	**151d03**	AV629446	LCL058h03	ModA	*Dictyostelium discoideum*	10.0	9.5	9.4	1.0	0.2	1.0	0.1
1363	**111h04**	AV391218	CM051g09	Molecular Chaperone Dnaj	*Escherichia coli*	22.3	12.2	14.7	0.6	0.2	0.8	0.2
1364	**117c11**	AV632518	HC009c02	Mopaprotein	*Mus musculus*	27.6	25.3	25.3	0.9	0.1	1.0	0.1
1365	**146c06**	AV627043	LCL020c03	Mopaprotein	*Mus musculus*	13.5	12.2	14.8	0.9	0.3	0.8	0.1
1366	**005g09**	AV388402	CM029e01	Mr14,000 outer arm dynein light chain	*Chlamydomonas reinhardtii*	8.0	10.1	11.2	1.3	0.2	0.9	0.1
1367	**017b01**	BP383735	HCL059f06	MRP-like ABC transporter	*Arabidopsis thaliana*	2.0	11.4	6.7	5.1	3.3	1.7	1.4
1368	**012d11**	AV636864	HC065c09	Multicatalytic endopeptidase	*Arabidopsis thaliana*	20.6	19.8	28.1	1.0	0.2	0.7	0.1
1369	**012e02**	AV636928	HC066b10	Multicatalytic endopeptidase complex, proteasome component, alpha	*Arabidopsis thaliana*	21.6	26.7	27.2	1.3	0.3	1.0	0.2
1370	**030a11**	AV631363	LCL092f06	Multidrug resistance protein 1	*Filobasidiella neoformans*	19.7	17.5	22.5	0.9	0.0	1.1	0.8
1371	**165f07**	BP095302	MXL039f03	Multiple PPR Repeats	*Arabidopsis thaliana*	17.3	17.7	18.2	1.0	0.1	1.0	0.1
1372	**021h12**	AV623146	LC059e10	Mutator MutT protein, putative (MutT)	*Methanococcus jannaschii*	11.3	10.7	11.7	0.9	0.1	0.9	0.3
1373	**129e03**	AV642892	HCL060a06	Myb-like DNA binding protein	*Arabidopsis thaliana*	22.7	20.0	16.7	0.9	0.2	1.4	0.7
1374	**016b01**	AV641673	HCL038e03	Myb-like DNA binding protein	*Arabidopsis thaliana*	2.0	4.5	4.6	2.3	0.3	1.0	0.1
1375	**003d05**	AV396320	CL61b06	Myb-related protein 33,3K	*Arabidopsis thaliana*	3.0	2.8	2.9	1.0	0.2	1.0	0.1
1376	**033f10**	BP094756	MXL028h06	Mycoplasma pneumoniae, ribosomal protein S15	*Mycoplasma pneumoniae*	77.2	39.4	49.6	0.5	0.2	0.9	0.7
1377	**032b11**	BP093038	MXL002e03	Myo-inositol 1-phosphate synthase isozyme-2	*Arabidopsis thaliana*	21.6	16.9	24.1	0.8	0.1	0.7	0.0
1378	**141f11**	AV624686	LC081c01	Myo-inositol 1-phosphate synthase, INO1	*Zea mays*	16.0	36.9	28.3	2.3	0.5	1.3	0.1
1379	**024b11**	AV626387	LCL008c05	Myosin heavy chain	*Chlamydomonas reinhardtii*	16.2	12.1	13.8	0.8	0.2	0.9	0.1
1380	**154h07**	AV631187	LCL090a05	Myosin heavy chain	*Chlamydomonas reinhardtii*	11.7	8.4	10.9	0.7	0.1	0.8	0.2
1381	**021g01**	AV622748	LC054a01	Myosin light chain kinase	*Dictyostelium discoideum*	27.7	31.8	20.8	1.2	0.0	1.5	0.3
1382	**117b09**	AV632367	HC007c10	Na-Ca exchanger NCX2 isoform	*Rattus norvegicus*	8.0	9.2	8.9	1.2	0.3	1.0	0.2
1383	**129c07**	AV642780	HCL057g11	N-acetyl-gamma-glutamyl-phosphatereductase	*Rhodobacter capsulatus*	11.3	12.2	13.0	1.1	0.1	1.0	0.3
1384	**142b03**	AV624946	LC084h07	N-acetylglutamate kinase	*Synechocystis sp. PCC 6803*	17.5	13.4	13.3	0.8	0.2	1.0	0.3
1385	**017c06**	AV643038	HCL062f08	NAD(P)$^+$ transhydrogenase (B-specific)	*Mus musculus*	21.8	31.6	14.0	1.7	0.9	2.3	0.4
1386	**030a12**	AV631374	LCL092h05	NAD(P)$^+$ transhydrogenase (B-specific)	*Bos taurus*	1.6	0.9	0.9	0.7	0.9	1.1	0.7
1387	**010d06**	AV632703	HC011f01	NAD-dependent malate dehydrogenase	*Chlamydomonas reinhardtii*	73.7	58.9	57.9	0.8	0.1	1.0	0.2
1388	**004e09**	AV386989	CM010b03	NADH dehydrogenase	*Arabidopsis thaliana*	14.6	14.7	22.6	1.0	0.2	0.7	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
1389	**004h11**	AV387459	CM016e08	NADH dehydrogenase (ubiquinone), subunit 7	*Prototheca wickerhamii*	47.4	52.6	43.5	1.1	0.1	3.0	3.3
1390	**020d08**	AV621018	LC030a06	NADH dehydrogenase (ubiquinone), subunit 9	*Prototheca wickerhamii*	23.5	17.3	20.7	0.7	0.1	0.9	0.3
1391	**170b12**	BP097305	MXL073d05	NADH dehydrogenase like protein	*Arabidopsis thaliana*	20.7	58.3	33.9	2.8	0.2	2.3	1.4
1392	**103g02**	AV395359	CL40h10	NADH dehydrogenase like protein	*Arabidopsis thaliana*	10.3	20.2	19.7	2.6	2.1	1.0	0.4
1393	**031b11**	BP086637	MX013d06	NADH dehydrogenase subunit 7	*Nephroselmis olivacea*	27.0	25.2	28.2	0.9	0.2	1.0	0.4
1394	**158c12**	BP087630	MX039f03	NADH dependent glutamate synthase	*Oryza sativa*	12.9	14.0	7.6	1.1	0.3	2.4	1.3
1395	**006e11**	AV390144	CM042f02	NADH/ubiquinone oxidoreductase	*Neurospora crassa*	14.4	15.7	14.9	1.1	0.0	1.1	0.2
1396	**013b11**	AV638185	HC083a04	NADH:ubiquinoneoxidoreductase	*Arabidopsis thaliana*	15.3	15.6	14.7	1.0	0.1	1.1	0.3
1397	**135d11**	AV619968	LC015f10	NADH-ubiquinone oxidoreductase 20 kD subunit	*Solanum tuberosum*	46.9	35.6	39.4	0.8	0.0	0.9	0.3
1398	**011g04**	AV635415	HC046b01	NADH-ubiquinone oxidoreductase 24 kD subunit	*Arabidopsis thaliana*	28.9	32.4	31.1	1.2	0.6	1.0	0.3
1399	**120d12**	AV636040	HC054d07	NADH-ubiquinone oxidoreductase 39 kD subunit	*Caulobacter crescentus CB15*	20.7	25.4	20.9	1.2	0.1	1.3	0.4
1400	**017f10**	AV643592	HCL072d06	NADH-ubiquinone oxidoreductase 75 kD subunit	*Solanum tuberosum*	4.3	4.1	5.1	0.9	0.3	0.8	0.3
1401	**032d10**	BP093278	MXL006a08	NADH-ubiquinone oxidoreductase B8 subunit	*Arabidopsis thaliana*	21.0	19.1	22.0	0.9	0.1	0.9	0.2
1402	**026g03**	AV628525	LCL043c07	NADP-DEPENDENT MALIC ENZYME, CHLOROPLAST PRECURS	*Oryza sativa*	16.7	17.0	15.2	1.1	0.3	1.4	0.8
1403	**107a02**	AV386682	CM004g10	NADPH:ferrihemoprotein oxidoreductase	*Eschscholzia californica*	3.2	3.5	3.7	1.3	0.6	1.0	0.4
1404	**029e10**	AV630927	LCL086d10	NADPH:protochlorophyllide oxidoreductase	*Chlamydomonas reinhardtii*	68.0	18.1	34.6	0.3	0.1	0.5	0.3
1405	**137g07**	AV621869	LC042a03	NADPH:protochlorophyllide oxidoreductase	*Chlamydomonas reinhardtii*	56.1	13.3	25.7	0.2	0.1	0.5	0.3
1406	**120g05**	AV636400	HC059a04	NADPH:protochlorophyllide oxidoreductase	*Chlamydomonas reinhardtii*	29.3	8.2	20.1	0.3	0.1	0.4	0.2
1407	**148c05**	AV627926	LCL034a03	NADP-malate dehydrogenase	*Chlamydomonas reinhardtii*	44.1	99.6	89.4	2.3	0.1	1.2	0.4
1408	**015e06**	AV641145	HCL028e07	NADP-malate dehydrogenase	*Chlamydomonas reinhardtii*	25.7	63.4	57.2	2.6	0.5	1.1	0.1
1409	**034b01**	BP095261	MXL039a08	NADP-reducing hydrogenase,subunit D, putative	*Thermotoga maritima*	11.6	15.7	7.9	1.5	0.6	2.1	0.6
1410	**009g02**	AV392441	CM097c07	NADP-reducing hydrogenase,subunit D, putative	*Thermotoga maritima*	13.1	19.5	9.5	1.6	0.5	2.1	0.2
1411	**010g10**	AV633583	HC022f01	NAP1Ps	*Pisum sativum*	19.6	13.3	14.4	0.7	0.2	0.9	0.3
1412	**116h08**	AV631999	HC002f12	nClpP5	*Arabidopsis thaliana*	13.0	9.4	9.8	0.7	0.1	1.0	0.3
1413	**158d12**	BP087652	MX040c12	Negative regulator of cdc42p	*Schizosaccharomyces pombe*	14.9	10.3	11.4	0.7	0.2	0.9	0.3
1414	**011f08**	AV635286	HC044d05	Negative regulator of cdc42p	*Schizosaccharomyces pombe*	15.2	8.1	11.1	0.5	0.1	0.7	0.0
1415	**110c07**	AV389104	CM035a08	N-ethylammeline chlorohydrolase	*Archaeoglobus fulgidus*	15.2	15.6	15.7	1.0	0.0	1.0	0.2
1416	**156a05**	AV631675	LCL098a07	NGD5 gene product	*Murinae gen. sp.*	29.8	44.7	22.5	1.5	0.4	2.8	2.0
1417	**004f02**	AV386916	CM011c12	N-hydroxy-N-isopropyloxamate	*Spinacia oleracea*	26.3	25.4	25.5	1.0	0.4	1.0	0.4
1418	**022b04**	AV623473	LC064c07	nifU-like protein	*Arabidopsis thaliana*	11.8	7.6	11.8	0.7	0.2	0.7	0.2
1419	**142h12**	AV625527	LC094b06	Nitrate reductase	*Hordeum spontaneum*	29.6	17.4	40.9	0.6	0.2	0.7	0.5
1420	**134a01**	AV645300	HCL100g10	NM23-M7	*Mus musculus*	13.1	16.0	9.1	1.2	0.4	1.9	0.8
1421	**016c11**	AV642019	HCL044a09	NM23-M7	*Mus musculus*	3.7	4.6	3.4	1.3	0.2	1.4	0.2
1422	**172d07**	BP098361	MXL092b11	Nodulin 21-related protein	*Deinococcus radiodurans*	14.1	14.4	12.3	1.1	0.3	1.2	0.2
1423	**024b02**	AV626347	LCL007d07	Nonclathrin coat protein gamma-likeprotein	*Arabidopsis thaliana*	32.1	24.2	25.6	0.8	0.1	0.9	0.0
1424	**021g03**	AV622773	LC054c10	Non-functional folate binding protein	*Homo sapiens*	7755.8	8072.0	7376.9	1.0	0.2	1.4	0.8
1425	**164c10**	BP094715	MXL028a09	Nonphototropic hypocotyl 1b	*Oryza sativa*	22.1	27.8	20.4	1.2	0.2	1.4	0.5
1426	**017a02**	AV642739	HCL057a09	Nonphototropic hypocotyl 2	*Arabidopsis thaliana*	7.4	11.4	9.5	1.5	0.2	1.2	0.2
1427	**004a06**	AV386512	CM001g11	Nonspecific lipid-transfer protein	*Bos taurus*	36.9	36.1	29.1	1.0	0.1	1.3	0.3
1428	**103h09**	AV395540	CL43b09	NRK-related kinase	*Tetrahymena pyriformis*	13.5	10.5	15.5	0.8	0.2	0.8	0.4
1429	**033c02**	BP094212	MXL019f04	NTFP2	*Nicotiana tabacum*	16.2	17.9	16.0	1.1	0.1	1.2	0.2
1430	**102b03**	AV394094	CL18g12	Nuclear distribution protein C homolog	*Homo sapiens*	7.1	7.9	7.4	1.2	0.4	1.1	0.3
1431	**013b07**	AV638118	HC082b09	Nuclear inhibitor of protein phosphatase-1	*Mus musculus*	13.7	13.1	13.3	1.0	0.1	1.0	0.4
1432	**135d03**	AV619921	LC015a09	Nuclear localization signals (NLS)-binding protein	*Mus musculus*	4.4	6.1	5.1	1.4	0.2	1.2	0.2
1433	**119e01**	AV635053	HC041c09	Nuclear localization signals (NLS)-binding protein	*Mus musculus*	17.5	14.9	19.4	0.9	0.2	0.8	0.3
1434	**034e02**	BP095848	MXL048c07	Nuclear protein	*Chlamydomonas reinhardtii*	7.8	11.7	7.4	1.6	0.4	1.6	0.4
1435	**137d08**	AV621538	LC037e03	Nuclear protein	*Chlamydomonas reinhardtii*	5.7	6.8	5.0	1.2	0.2	1.4	0.2
1436	**016g10**	AV642559	HCL053h05	Nucleolar phosphoprotein	*Tetrahymena thermophila*	26.7	14.4	35.4	0.6	0.1	0.6	0.4
1437	**009h12**	AV631953	HC002b04	Nucleoside diphosphate kinase	*Saccharum officinarum*	101.0	56.5	65.2	0.6	0.0	0.9	0.2
1438	**117c03**	AV632395	HC007f11	Nucleosome assembly protein I-likeprotein	*Arabidopsis thaliana*	22.8	15.5	17.6	0.7	0.1	0.9	0.2
1439	**112f04**	AV392103	CM058c08	Nucleotide binding protein 1	*Escherichia coli*	17.6	12.2	14.1	0.7	0.0	0.9	0.2
1440	**107a06**	AV387199	CM006d11	OBP33pep	*Arabidopsis thaliana*	15.0	14.4	16.9	1.0	0.2	0.9	0.3
1441	**159a09**	BP087728	MX042d06	OEE3 protein of photosystem II	*Chlamydomonas reinhardtii*	237.8	153.4	134.4	0.6	0.4	2.3	2.3
1442	**139f02**	AV623234	LC060g10	OEE3 protein of photosystem II , oxygen-evolving protein	*Chlamydomonas reinhardtii*	258.3	99.0	131.8	0.4	0.2	0.9	0.7
1443	**001h12**	AV394701	CL27c05	Oli2 gene product	*Saccharomyces cerevisiae*	25.9	19.1	23.0	0.8	0.1	0.8	0.1
1444	**158f03**	BP087672	MX041a10	Omega 6 desaturase	*Chlamydomonas reinhardtii*	50.8	58.3	87.1	1.6	1.3	0.8	0.5
1445	**035d10**	BP097029	MXL068h07	Omega-3 fatty acid desaturase	*Chlorella vulgaris*	37.6	21.0	41.3	0.6	0.1	0.5	0.0
1446	**007c01**	AV391291	CM053a01	Omega-3 fatty acid desaturase, endoplasmic reticulum	*Chlorella vulgaris*	10.4	11.3	16.4	1.1	0.3	0.7	0.3
1447	**005c04**	AV387969	CM021b05	Omnipotent suppressor protein SUP1 homolog	*Arabidopsis thaliana*	16.8	9.3	11.8	0.6	0.3	0.8	0.1
1448	**005e06**	AV388108	CM025f03	ORF	*Mus musculus*	14.2	25.2	19.7	1.8	0.6	1.6	1.0
1449	**018g05**	AV619085	LC003e10	ORF	*Ricinus communis*	18.2	14.1	16.4	0.8	0.1	0.8	0.2
1450	**120c04**	AV635914	HC052f04	ORF T	*Lactobacillus sakei*	141.7	182.4	140.9	1.3	0.2	1.4	0.4
1451	**114a07**	AV388698	CM072c11	ORF_o194	*Escherichia coli*	14.5	12.0	15.6	0.8	0.1	0.8	0.2
1452	**026d05**	AV628306	LCL039h01	ORF2	*Pseudorabies virus*	16.4	14.1	14.8	0.9	0.1	0.9	0.1
1453	**130h04**	AV643726	HCL074h09	ORF2	*Pseudorabies virus*	18.9	14.0	16.8	0.7	0.1	0.9	0.2
1454	**139b11**	AV622892	LC056b09	ORF-3 protein	*Pseudorabies virus*	5.8	10.7	5.4	1.8	0.5	2.0	0.8
1455	**126h02**	AV641535	HCL035g03	ORF-3 protein	*Pseudorabies virus*	8.6	10.9	11.9	1.3	0.2	0.9	0.3
1456	**004h06**	AV387427	CM015e11	Ornithine aminotransferase	*Rattus norvegicus*	8.5	7.0	7.4	0.8	0.3	1.0	0.4
1457	**011g11**	AV635530	HC047e06	Ornithine decarboxylase	*Trypanosoma brucei*	24.9	18.1	23.6	0.7	0.2	0.8	0.3
1458	**010g08**	AV633543	HC022a05	Ornithine decarboxylase	*Ustilago maydis*	34.4	22.5	31.7	0.6	0.1	0.7	0.3
1459	**129h01**	AV643066	HCL063b07	Ornithineaminotransferase	*Drosophila ananassae*	7.3	7.4	5.4	1.0	0.3	1.4	0.3
1460	**105a02**	AV396124	CL56b11	Orthophosphate dikinase	*Oryza sativa*	18.3	26.2	23.1	1.6	0.5	1.1	0.0
1461	**020c12**	AV620938	LC028h03	Outer arm dynein light chain 1	*Chlamydomonas reinhardtii*	15.1	15.3	12.6	1.0	0.1	1.6	1.1
1462	**122h12**	AV639064	HC094e07	Outer arm dynein light chain, 19K	*Chlamydomonas reinhardtii*	70.9	77.0	50.5	1.1	0.1	1.5	0.2
1463	**112b07**	AV391531	CM055a11	Outer-arm dynein Mr78,000 intermediate chain subunit	*Chlamydomonas reinhardtii*	21.2	27.3	24.1	1.4	0.4	1.1	0.2
1464	**122h07**	AV389431	CM075e05	Oxgen evoluving enhancer protein 3	*Chlamydomonas reinhardtii*	226.0	96.3	164.2	0.4	0.2	0.7	0.5
1465	**154h01**	AV631164	LCL089g02	oxidoreductase, putative	*Deinococcusradiodurans*	8.0	6.1	8.0	0.8	0.2	0.8	0.0
1466	**034a02**	BP095139	MXL036e03	Oxoglutarate dehydrogenase - like protein	*Arabidopsis thaliana*	38.8	28.2	25.1	0.7	0.1	1.2	0.3
1467	**031c04**	BP086669	MX014a07	Oxoglutarate dehydrogenase - like protein	*Arabidopsis thaliana*	44.2	35.1	32.6	0.8	0.1	1.1	0.1
1468	**005b08**	AV397467	CM020d02	Oxygen-evolving enhancer protein 1	*Chlamydomonas reinhardtii*	229.5	120.3	184.3	0.5	0.3	0.6	0.4
1469	**159b09**	BP087746	MX042g08	Oxygen-evolving enhancer protein 2	*Chlamydomonas reinhardtii*	472.5	365.3	200.5	0.7	0.5	2.6	2.6
1470	**159a03**	BP087720	MX042c06	Oxygen-evolving enhancer protein 2	*Chlamydomonas reinhardtii*	517.1	417.2	214.5	0.8	0.6	2.4	2.3
1471	**159c06**	BP087756	MX043a03	Oxygen-evolving enhancer protein 2	*Chlamydomonas reinhardtii*	461.7	348.2	286.8	0.7	0.6	1.4	1.2
1472	**116h03**	AV631970	HC002d01	Oxygen-evolving enhancer protein 2	*Chlamydomonas reinhardtii*	307.5	146.4	180.5	0.5	0.2	0.8	0.5
1473	**005f10**	AV387727	CM027h06	Oxygen-evolving enhancer protein 2	*Chlamydomonas reinhardtii*	255.6	101.8	188.5	0.4	0.1	0.6	0.3
1474	**007f10**	AV392152	CM058h02	Oxygen-evolving enhancer protein 2	*Chlamydomonas reinhardtii*	230.1	96.3	166.5	0.4	0.2	0.6	0.3
1475	**140a04**	AU301242	LC065d09	Oxygen-evolving enhancer protein 3	*Chlamydomonas reinhardtii*	329.2	144.5	171.9	0.4	0.2	1.0	0.8
1476	**158d04**	BP087643	MX040b03	Oxygen-evolving enhancer protein 3	*Chlamydomonas reinhardtii*	286.0	157.5	215.5	0.5	0.2	0.8	0.7
1477	**139h05**	AV623436	LC063g04	Oxygen-evolving enhancer protein 3	*Chlamydomonas reinhardtii*	293.6	105.1	174.0	0.3	0.2	0.8	0.7
1478	**139h11**	BP383805	LC065a01	Oxygen-evolving enhancer protein 3	*Chlamydomonas reinhardtii*	276.2	111.2	185.0	0.4	0.2	0.7	0.6
1479	**117e09**	AV632815	HC012h12	Oxygen-evolving enhancer protein 3	*Chlamydomonas reinhardtii*	161.1	64.4	101.5	0.4	0.2	0.6	0.1
1480	**006f07**	AV390262	CM044f08	Oxygen-evolving enhancer protein 3	*Chlamydomonas reinhardtii*	194.2	69.8	137.7	0.4	0.2	0.6	0.4
1481	**022c03**	AV623515	LC065a02	p)ppGpp 3'-pyrophosphohydrolase	*Synechocystis sp. PCC 6803*	18.8	34.5	30.0	1.9	0.8	1.2	0.3
1482	**025d11**	AV627399	LCL026b11	p)ppGpp synthetase	*Thermotoga maritima*	23.0	53.4	35.8	2.7	1.6	1.5	0.2
1483	**002a12**	AV394754	CL30c08	p105 protein	*Arabidopsis thaliana*	7.1	5.1	4.6	1.0	0.9	1.3	0.5
1484	**156a09**	AV631696	LCL098d03	p60 katanin	*Chlamydomonas reinhardtii*	12.4	10.7	6.6	1.0	0.5	2.8	2.3
1485	**104c08**	AV395690	CL47g03	p68 RNA helicase	*Schizosaccharomyces pombe*	4.8	4.4	3.8	0.9	0.2	1.2	0.3
1486	**009d08**	AV391341	CM090g02	p68 RNA helicase	*Schizosaccharomyces pombe*	12.1	10.5	11.4	0.9	0.3	1.0	0.5
1487	**116f10**	AV398013	CS001f05	Palmitoyl-protein thioesterase	*Rattus norvegicus*	98.2	98.5	75.9	1.1	0.4	1.3	0.1
1488	**016b08**	AV641738	HCL039e10	PCACA	*Leishmania major*	51.0	43.2	64.6	0.9	0.3	0.8	0.4
1489	**141e10**	AV624578	LC079f06	PDE1C3	*Homo sapiens*	21.6	28.6	26.5	1.4	0.5	1.1	0.1
1490	**021g09**	AV622925	LC056f03	PDI-like protein	*Zea mays*	7.5	11.1	7.0	1.6	0.9	1.7	1.0
1491	**032b06**	BP093005	MXL002a10	PDR5-like ABC transporter	*Spirodela polyrrhiza*	15.9	14.3	13.9	0.9	0.1	1.0	0.2
1492	**010c05**	AV632506	HC009a12	PepA	*Dictyostelium discoideum*	13.5	14.7	16.9	1.1	0.1	0.9	0.1
1493	**153e05**	AV630514	LCL080a05	Peptide chain release factor 3	*ynechocystis sp. PCC 6803*	8.2	7.8	6.4	1.0	0.2	1.3	0.4
1494	**122d08**	AV638254	HC083h10	Peptide chain release factor 3	*Synechocystis sp. PCC 6803*	10.8	7.5	8.8	0.7	0.2	0.9	0.3
1495	**018e11**	AV618966	LC002a01	Peptide methionine sufoxide reductase	*Arabidopsis thaliana*	4.1	4.8	7.4	1.1	0.5	0.7	0.5

	A	B	C	D	E	F	G	H	I	J	K	L
1496	**110e03**	AV389354	CM036b12	Peptide methionine sulfoxide reductase	*Methanothermobacter thermautotrophi*	387.9	348.8	325.5	0.9	0.5	1.1	0.7
1497	**019d08**	AV619835	LC014d04	Peptide methionine sulfoxide reductase	*Methanobacterium thermoautotrophicu*	60.8	52.1	54.9	0.9	0.2	1.1	0.5
1498	**160h04**	BP089367	MX205h10	Peptide methionine sulfoxide reductase	*Deinococcus radiodurans*	11.6	7.8	11.2	0.7	0.3	0.8	0.4
1499	**020d11**	AV621051	LC030e01	Peptidyl-prolyl cis-trans isomerase	*Arabidopsis thaliana*	9.3	12.0	11.8	1.3	0.4	1.1	0.3
1500	**008f03**	AV388711	CM072c03	Peptidyl-prolyl cis-trans isomerase	*Arabidopsis thaliana*	17.5	23.9	27.5	1.5	0.4	0.9	0.2
1501	**015h09**	AV641536	HCL035g04	Period protein	*Drosophila simulans*	11.5	13.3	15.1	1.2	0.1	0.9	0.2
1502	**010d11**	AV632766	HC012c11	Periplasmic carbonic anhydrase, CA2	*Chlamydomonas reinhardtii*	88.9	140.6	135.2	1.7	0.5	1.1	0.2
1503	**168b02**	AV392832	CM064f05	Periplasmic carbonic anhydrase, CAH1	*Chlamydomonas reinhardtii*	17.0	750.8	102.4	44.3	2.6	8.4	3.8
1504	**134f03**	AU301235	LC008c02	Periplasmic carbonic anhydrase, CAH1	*Chlamydomonas reinhardtii*	9.8	876.7	124.3	87.6	28.6	6.8	1.7
1505	**009g03**	AV393043	CM097d06	Periplasmic carbonic anhydrase, CAH1	*Chlamydomonas reinhardtii*	10.6	465.2	72.9	42.6	11.7	6.3	2.6
1506	**029a04**	AV630476	LCL079d09	Periplasmic carbonic anhydrase, CAH1	*Chlamydomonas reinhardtii*	19.6	569.9	95.5	29.2	6.1	5.9	0.2
1507	**002b01**	AV389178	CM035d02	Periplasmic carbonic anhydrase, CAH1	*Chlamydomonas reinhardtii*	9.6	493.1	83.4	54.9	26.8	5.9	2.1
1508	**159d05**	BP087777	MX043d06	Periplasmic carbonic anhydrase, CAH1	*Chlamydomonas reinhardtii*	9.2	760.2	146.4	84.7	15.8	5.2	0.8
1509	**141b05**	AV624314	LC076a02	Peroxiredoxin (thioredoxin peroxidase gene)	*Chlamydomonas reinhardtii*	79.4	90.8	100.2	1.2	0.3	1.2	0.8
1510	**135b10**	AV619885	LC013b06	Peroxiredoxin (thioredoxin peroxidase gene)	*Chlamydomonas reinhardtii*	72.3	91.2	105.3	1.3	0.1	1.1	0.6
1511	**140e12**	AV623921	LC070e05	Peroxiredoxin (thioredoxin peroxidase gene)	*Chlamydomonas reinhardtii*	70.4	46.4	57.1	0.7	0.4	0.8	0.2
1512	**013g07**	AV639476	HC099h02	Peroxisomal D2,D4-dienoyl-CoAreductase	*Mus musculus*	6.4	8.3	7.3	1.3	0.3	1.2	0.3
1513	**113a05**	AV392664	CM063a02	Peroxisomal short-chain alcohol dehydrogenase	*Homo sapiens*	6.1	5.4	5.6	0.9	0.1	1.0	0.2
1514	**104c10**	AV395790	CL48d09	Perphorin I precursor	*Volvox carteri*	21.7	32.5	9.6	1.5	0.2	3.5	1.1
1515	**030c11**	AV631533	LCL095g10	Perphorin I precursor	*Volvox carteri*	36.7	34.0	15.8	1.0	0.2	2.1	0.2
1516	**161c06**	BP093026	MXL002c12	Perphorin I precursor	*Volvox carteri*	10.8	12.4	10.3	1.3	0.6	1.4	0.7
1517	**031h09**	BP087492	MX035f06	Perphorin I precursor	*Volvox carteri*	26.5	40.5	30.4	1.8	0.6	1.3	0.3
1518	**103e05**	AV395245	CL37h12	Perphorin II	*Volvox carteri*	154.8	166.8	118.2	1.2	0.5	1.5	0.4
1519	**031h06**	BP087452	MX034h02	PF16	*Chlamydomonas reinhardtii*	11.3	18.0	10.2	1.6	0.5	1.9	0.7
1520	**109a08**	AV387818	CM023e04	PF16	*Chlamydomonas reinhardtii*	14.3	19.7	11.6	1.4	0.2	1.7	0.1
1521	**033b02**	BP094065	MXL017f07	P-glycoprotein	*Gossypium hirsutum*	7.9	7.6	9.0	0.9	0.4	0.9	0.5
1522	**153a03**	AV630277	LCL076e10	PHAP2A protein	*Petunia x hybrida*	15.8	18.7	13.2	1.2	0.3	1.4	0.2
1523	**015f12**	AV641328	HCL031g01	PHAP2A protein	*Petunia x hybrida*	1.0	0.7	0.9	0.9	0.6	0.9	0.6
1524	**020h06**	AV621582	LC038a11	Phenylalanine-tRNA synthetase	*Arabidopsis thaliana*	24.7	19.4	18.4	0.8	0.2	1.1	0.4
1525	**024h10**	AV626907	LCL017h05	Phenylalanyl-tRNA synthetase beta-subunit	*Homo sapiens*	14.3	8.5	12.9	0.6	0.2	0.7	0.1
1526	**146h10**	AV627303	LCL024f10	Pherophorin I	*Volvox carteri*	1429.7	626.2	1091.1	0.4	0.1	0.6	0.4
1527	**023b03**	AV624679	LC081b06	Pherophorin I precursor	*Volvox carteri*	23.3	21.1	13.4	1.0	0.3	1.6	0.4
1528	**170f11**	BP097549	MXL077f02	Pherophorin-S	*Volvox carteri*	80.6	98.7	81.8	1.2	0.4	1.2	0.6
1529	**017e04**	AV643278	HCL066g08	Pherophorin-S	*Volvox carteri*	5.2	5.0	4.9	1.0	0.3	1.1	0.2
1530	**028g05**	AV630260	LCL076c03	Pherophorin-S	*Volvox carteri*	1.5	2.7	2.7	1.8	0.5	1.0	0.3
1531	**016a11**	AV641647	HCL038a07	Pherophorin-S	*Volvox carteri*	30.6	22.7	45.6	0.8	0.2	0.8	0.5
1532	**127b03**	AV641638	HCL037h07	Pherophorin-S	*Volvox carteri*	19.8	17.1	23.6	0.9	0.1	0.7	0.1
1533	**020h02**	AV621534	LC037d05	Phosphatase like protein	*Arabidopsis thaliana*	4.7	4.3	3.8	0.9	0.2	1.1	0.2
1534	**140f04**	AV623956	LC071a01	Phosphatase like protein	*Arabidopsis thaliana*	12.5	8.0	10.3	0.6	0.1	0.8	0.3
1535	**018g12**	AV619137	LC004c10	Phosphatase PP1	*Chlamydomonas reinhardtii*	23.3	23.2	19.6	1.0	0.1	1.2	0.1
1536	**001d02**	AV393787	CL11b07	Phosphate permease	*Haemophilus influenzae Rd*	3.1	5.2	6.0	1.9	0.6	1.0	0.5
1537	**007h04**	AV392489	CM061g11	Phosphate/phosphoenolpyruvate translocator precursor	*Zea mays*	12.5	10.9	8.5	0.9	0.2	1.3	0.2
1538	**147g12**	AV627707	LCL030h03	Phosphate/phosphoenolpyruvate translocator precursor	*Zea mays*	13.9	14.3	11.1	1.0	0.3	1.3	0.3
1539	**139e07**	AV623149	LC059f01	Phosphate/phosphoenolpyruvate translocator precursor	*Zea mays*	9.0	5.8	5.8	0.6	0.1	1.0	0.3
1540	**162b02**	BP093502	MXL009c08	Phosphate-Repressible Phosphate Permease	*Leishmania major*	10.4	12.7	8.8	1.2	0.2	1.9	1.1
1541	**118b07**	AV636677	HC062g02	Phosphoenolpyruvate carboxykinase	*Flaveria pringlei*	74.7	60.2	48.1	0.8	0.0	1.3	0.1
1542	**015a08**	AV640704	HCL021a03	Phosphoenolpyruvate carboxykinase (ATP) - likeprotein	*Arabidopsis thaliana*	11.1	11.1	9.7	1.0	0.0	1.2	0.2
1543	**151f06**	AV629602	LCL061g09	Phosphoenolpyruvate carboxylase	*Saccharum sp.*	19.1	18.4	20.5	1.0	0.1	0.9	0.1
1544	**171h02**	BP098115	MXL087d01	Phosphoenolpyruvate carboxylase	*Vanilla planifolia*	7.6	5.9	10.1	0.7	0.4	0.7	0.6
1545	**007d09**	AV391653	CM055e10	Phosphoenolpyruvate carboxylase 3	*Kalanchoe blossfeldiana*	21.5	20.3	38.3	1.0	0.1	0.6	0.3
1546	**155f03**	AV631506	LCL095c06	Phosphoenolpyruvate carboxylase isoform 1	*Hydrillaverticillata*	28.3	23.4	48.2	0.9	0.2	0.7	0.5
1547	**138c10**	AV622208	LC046e12	Phosphoenolpyruvatecarboxylase-like	*Arabidopsis thaliana*	20.0	21.3	18.4	1.1	0.1	1.2	0.2
1548	**170b04**	BP097267	MXL072g06	Phosphoglucomutase	*Arabidopsis thaliana*	31.7	22.5	17.4	0.7	0.2	1.5	0.8
1549	**170c01**	BP097321	MXL073g03	Phosphoglucomutase	*Arabidopsis thaliana*	38.9	34.8	25.4	0.9	0.2	1.4	0.5
1550	**103d05**	AV395160	CL36b11	Phosphoglycerate dehydrogenase	*Arabidopsis thaliana*	18.3	10.6	13.6	0.6	0.1	0.8	0.2
1551	**009g06**	AV392705	CM098g07	Phosphoglycerate kinase	*Arabidopsis thaliana*	12.9	8.4	11.5	0.7	0.2	0.8	0.3
1552	**018e04**	AU301232	HCL092e04	Phosphoglycerate kinase	*Chlamydomonas reinhardtii*	49.5	23.6	32.5	0.5	0.3	0.7	0.3
1553	**017e07**	AV643350	HCL068b03	Phosphoglycerate kinase precursor	*Chlamydomonas reinhardtii*	43.9	18.1	28.8	0.5	0.2	0.6	0.2
1554	**011f10**	AV635306	HC044f08	Phosphoglycerate kinase, chloroplast	*Chlamydomonas reinhardtii*	42.0	16.9	33.9	0.4	0.1	0.5	0.1
1555	**028g08**	AV630273	LCL076e03	Phosphoglyceromutase	*Mesembryanthemum crystallinum*	39.4	26.0	23.7	0.7	0.1	1.1	0.3
1556	**119g03**	AV635342	HC045b07	Phosphoglycolate phosphatase, Pgp1	*Chlamydomonas reinhardtii*	9.1	36.4	26.3	4.2	1.0	1.4	0.3
1557	**021d10**	AU301240	LC048g05	Phosphoglycolate phosphatase, Pgp1	*Chlamydomonas reinhardtii*	21.2	50.9	65.9	2.4	0.3	0.8	0.2
1558	**163d08**	BP094257	MXL020b10	Phosphoinositide-specific phospholipase C	*Ictalurus punctatus*	7.2	6.4	5.9	0.9	0.2	1.1	0.2
1559	**002e04**	AV395458	CL42a05	Phosphoprotein phosphatase 2A 65K regulatory chain homolog pDF	*Arabidopsis thaliana*	14.6	19.9	12.9	1.4	0.3	1.6	0.5
1560	**009a12**	AV390440	CM083f05	Phosphoribosylaminoimidazole carboxylase (ade6)	*Schizosaccharomyces pombe*	197.7	192.6	149.4	1.0	0.0	1.3	0.0
1561	**006d09**	AV389909	CM040e01	Phosphoribosyl-ATP pyrophosphohydrolase	*Arabidopsis thaliana*	6.1	4.6	7.2	0.8	0.1	0.7	0.1
1562	**168a03**	BP096274	MXL055g12	Phosphoribosylformylglycinamidine cyclo-ligase	*Arabidopsis thaliana*	27.8	27.4	13.9	1.0	0.1	2.3	1.0
1563	**170g10**	BP097602	MXL078c12	Phosphoribosylformylglycinamidine cyclo-ligase	*Arabidopsis thaliana*	22.1	16.7	19.8	0.7	0.1	0.9	0.6
1564	**035g11**	BP097426	MXL075e08	Phosphoribulokinase	*Chlamydomonas reinhardtii*	136.9	87.4	127.4	0.7	0.3	0.7	0.3
1565	**109a07**	AV387804	CM023e03	Phosphorylation regulatory protein HP-10 - human	*Homo sapiens*	8.5	7.5	6.5	0.9	0.1	1.1	0.2
1566	**014d05**	AV639998	HCL008e04	Phosphoserine aminotransferase	*Spinacia oleracea*	22.1	21.5	19.4	1.0	0.1	1.1	0.1
1567	**023h09**	AV626232	LCL004g09	Phosphoserine phosphatase	*Arabidopsis thaliana*	9.0	18.7	11.9	2.2	0.6	1.6	0.2
1568	**027b03**	AV628876	LCL048c12	Phosphoserine transaminase	*Arabidopsis thaliana*	46.3	26.3	23.4	0.6	0.1	1.2	0.3
1569	**113a10**	AV392707	CM063c08	Phosphotransacetylase	*Synechocystis sp. PCC 6803*	7.9	10.5	5.3	1.3	0.1	2.0	0.2
1570	**160f04**	BP088844	MX101g04	Photosystem I chain III precursor	*Chlamydomonas reinhardtii*	156.4	127.6	128.1	0.8	0.1	1.1	0.5
1571	**115a11**	AV390345	CM083h12	photosystem I hydrophobicprotein	*Hordeum vulgare*	116.6	118.9	149.6	1.2	0.5	0.8	0.1
1572	**007c05**	AV391372	CM053e11	Photosystem I reaction center subunit II	*Chlamydomonas reinhardtii*	156.9	152.3	170.9	1.0	0.3	0.9	0.4
1573	**005e02**	AV388069	CM025a02	Photosystem I reaction center subunit III	*Chlamydomonas reinhardtii*	103.4	92.6	100.9	1.0	0.2	1.0	0.2
1574	**004a09**	AV397845	CM002f02	Photosystem I reaction center subunit V	*Chlamydomonas reinhardtii*	85.3	90.5	62.5	1.1	0.0	1.6	0.8
1575	**035f09**	BP097286	MXL073a11	Photosystem I reaction center subunit W	*Chlamydomonas reinhardtii*	339.9	176.8	209.8	0.4	0.2	0.9	0.9
1576	**032g01**	BP093570	MXL010c07	Photosystem I reaction center subunit X	*Chlamydomonas reinhardtii*	113.5	86.8	74.6	0.7	0.1	1.2	0.8
1577	**159a08**	BP087726	MX042d03	Photosystem I reaction center subunit XI, PsaL	*Cucumis sativus*	225.3	313.9	201.8	1.5	0.8	3.4	3.3
1578	**136b03**	AV620465	LC022e05	Photosystem I reaction center subunit XI, PsaL	*Cucumis sativus*	200.4	188.8	228.4	0.9	0.1	1.0	0.4
1579	**033e10**	BP094559	MXL024h12	Photosystem I reaction centre subunit IV	*Chlamydomonas reinhardtii*	205.5	157.1	154.0	0.7	0.3	1.3	1.1
1580	**113g12**	AV397369	CM070g11	Photosystem I subunit V (PSI-G)	*Chlamydomonas reinhardtii*	76.5	67.7	56.4	0.9	0.1	1.3	0.8
1581	**020g07**	AV621431	LC036a06	Photosystem II 10kDa polypeptide	*Brassica campestris*	246.3	193.9	183.3	0.7	0.3	1.3	1.1
1582	**116h10**	AU301228	HC003a05	Photosystem II OEE3 protein	*Chlamydomonas reinhardtii*	165.4	71.1	131.9	0.4	0.2	0.5	0.3
1583	**019d02**	AV619951	LC013f10	Photosystem II oxygen-evolving complex protein 2 precursor	*Chlamydomonas reinhardtii*	398.3	212.3	213.0	0.5	0.3	0.9	0.5
1584	**036g03**	BP098626	MXL096e04	Phytoene desaturase	*Haematococcus pluvialis*	31.4	16.6	19.9	0.5	0.1	0.9	0.4
1585	**118d02**	AV633709	HC024c07	Phytoene desaturase	*Haematococcus pluvialis*	8.6	6.5	7.4	0.8	0.2	0.9	0.2
1586	**020c06**	AV620894	LC028c05	Phytoene synthase	*Dunaliella bardawil*	22.6	24.4	21.7	1.1	0.4	1.1	0.3
1587	**026f06**	AV628463	LCL042c06	Phytoene synthase	*Dunaliella bardawil*	14.8	13.3	14.0	0.9	0.1	1.0	0.1
1588	**033f04**	BP094622	MXL025h03	Pitrilysin	*Pisum sativum*	12.2	14.3	11.9	1.2	0.2	1.3	0.4
1589	**167f08**	BP096143	MXL053e04	PKC theta	*Rattus norvegicus*	17.5	22.6	18.0	1.4	0.7	1.2	0.4
1590	**023g06**	AV626072	LCL002a01	pknA	*Mycobacterium tuberculosis*	5.1	5.3	4.5	1.0	0.0	1.2	0.2
1591	**034h08**	BP096427	MXL058e11	Plasma membrane Ca2+-ATPase	*Arabidopsis thaliana*	14.6	11.4	12.9	0.8	0.1	0.9	0.2
1592	**036a12**	BP097746	MXL080f09	Plasma membrane calcium ATPase isoform 3	*Homo sapiens*	16.2	17.8	12.1	1.1	0.1	1.5	0.2
1593	**028c02**	AV629766	LCL065f05	Plasma membrane proton ATPase	*Dunaliella acidophila*	19.1	28.9	24.7	1.5	0.4	1.4	0.9
1594	**165b02**	BP095074	MXL035d04	Plasmia membrane ATPase, proton pump	*Chlamydomonas reinhardtii*	16.9	59.1	24.2	3.5	0.3	2.5	0.2
1595	**168c04**	BP096381	MXL057h01	Plasmia membrane ATPase, proton pump	*Chlamydomonas reinhardtii*	22.5	47.5	39.1	2.1	0.4	1.2	0.2
1596	**168f04**	BP096609	MXL061g01	Plasmia membrane ATPase, proton pump	*Chlamydomonas reinhardtii*	25.6	39.8	40.7	1.6	0.7	1.1	0.7
1597	**172f08**	BP098473	MXL093h03	Plasmia membrane ATPase, proton pump	*Chlamydomonas reinhardtii*	27.1	36.0	44.5	1.4	0.8	0.9	0.5
1598	**159e04**	BP087802	MX043h05	Plastid terminal oxidase	*Capsicum annuum*	8.4	12.2	13.3	1.4	0.7	1.0	0.8
1599	**012c12**	AV636567	HC061b10	Plastidic aldolase	*Nicotiana paniculata*	11.9	9.6	12.0	0.8	0.3	1.3	1.1
1600	**153f10**	AV630595	LCL081c06	Plastidic ATP/ADP transporter	*Oryza sativa*	9.5	9.3	8.4	1.0	0.1	1.2	0.6
1601	**027f02**	AV629295	LCL056a10	Plastidic ATP/ADP-transporter	*Solanum tuberosum*	301.1	300.9	310.8	1.0	0.3	1.2	0.8
1602	**101g07**	AV393943	CL15c10	Plastocyanin precursor	*Chlamydomonas reinhardtii*	297.8	196.4	252.2	0.7	0.2	0.8	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
1603	**027e10**	AV629263	LCL055e09	Plastoglobule associated protein PG1 precursor	*Pisum sativum*	11.4	14.5	14.0	1.3	0.3	1.0	0.2
1604	**036h11**	BP098880	MXL100g01	PNIL34	*Ipomoea nil*	84.6	41.6	131.7	0.5	0.0	0.3	0.0
1605	**144a06**	AV626074	LCL002a04	Poly(A) binding protein RB47	*Chlamydomonas reinhardtii*	59.1	54.2	43.1	0.9	0.0	1.3	0.1
1606	**005d01**	AV387829	CM022f05	Poly(A) binding protein RB47	*Chlamydomonas reinhardtii*	15.8	21.9	18.1	1.5	0.4	1.2	0.2
1607	**023c11**	AV624944	LC084h04	Poly(A) binding protein RB47	*Chlamydomonas reinhardtii*	70.3	59.6	58.0	0.8	0.1	1.0	0.0
1608	**004f10**	AV387162	CM012e01	Poly(A) binding protein RB47	*Chlamydomonas reinhardtii*	17.9	12.5	16.2	0.7	0.2	0.8	0.1
1609	**017c12**	AV642974	HCL061e02	Poly(A) Polymerase	*Pisum sativum*	40.2	29.3	34.8	0.7	0.0	0.9	0.2
1610	**032b03**	BP092970	MXL001e11	Polycystic kidney disease	*Chlamydomonas reinhardtii*	6.8	7.5	6.8	1.1	0.2	1.1	0.1
1611	**008f08**	AV389203	CM074d12	Polyprotein	*Volvox carteri*	7.4	6.8	8.9	0.9	0.3	0.7	0.1
1612	**010g02**	AV633442	HC020h01	Polyubiquitin 5	*Volvox carteri*	52.7	81.6	95.6	1.5	0.1	0.8	0.2
1613	**116c08**	AV392304	CM098c11	Pontin52	*Mus musculus*	7.6	6.0	4.4	0.8	0.2	1.4	0.1
1614	**163c06**	BP094174	MXL019b02	Porphobilinogen deaminase, chloroplast precursor (PBG)	*Pisum sativum*	60.3	16.7	47.5	0.3	0.1	0.3	0.2
1615	**156h09**	BP086423	MX008e11	Porphobilinogen deaminase, chloroplast precursor (PBG)	*Pisum sativum*	89.5	11.9	76.4	0.1	0.0	0.2	0.0
1616	**009d04**	AV391237	CM089e03	Possible calmodulinlike calcium-binding	*Homo sapiens*	11.8	23.8	15.2	2.1	0.5	1.6	0.5
1617	**134d10**	AV619240	LC005e12	Possible membrane protein, low CO_2-induced	*Chlamydomonas reinhardtii*	5.3	41.0	16.9	7.7	3.3	2.5	1.3
1618	**140b07**	AV623648	LC066g05	POTATP1	*Solanum tuberosum*	18.4	42.0	28.8	2.3	0.6	1.5	0.1
1619	**029c06**	AV630739	LCL083e08	POTATP1	*Solanum tuberosum*	20.7	17.0	26.8	0.8	0.1	0.6	0.1
1620	**004c01**	AV386677	CM004d10	Predicted protein	*Arabidopsis thaliana*	45.8	74.2	49.3	1.6	0.3	1.5	0.4
1621	**011e04**	AV634944	HC039h12	Predicted protein	*Caenorhabditis elegans*	75.8	89.0	73.7	1.2	0.3	1.3	0.4
1622	**116b03**	AV392621	CM096d12	Predicted protein	*Arabidopsis thaliana*	103.6	175.3	145.8	2.0	0.9	1.2	0.1
1623	**004f07**	AV386887	CM011h01	Predicted protein	*Arabidopsis thaliana*	12.4	11.3	9.8	0.9	0.1	1.1	0.2
1624	**112g06**	AV392291	CM060f06	Predicted protein	*Caenorhabditis elegans*	59.2	72.8	64.8	1.2	0.1	1.1	0.2
1625	**022f08**	AV624093	LC072h02	Predicted protein	*Arabidopsis thaliana*	10.1	8.4	9.8	0.9	0.2	0.9	0.1
1626	**031g09**	BP087361	MX033a06	Predicted protein	*Caenorhabditis elegans*	16.4	12.1	16.6	0.7	0.1	0.8	0.3
1627	**033g08**	BP094900	MXL032a01	Predicted protein	*Caenorhabditis elegans*	31.7	20.9	37.7	0.7	0.1	0.6	0.2
1628	**008g10**	AV389567	CM076d08	Prefoldin 5	*Drosophila melanogaster*	6.8	7.0	9.0	1.0	0.3	0.8	0.2
1629	**018e07**	AV618922	LC001d08	Prefoldin subunit 2	*Homo sapiens*	8.1	6.7	9.7	0.8	0.1	0.7	0.1
1630	**150e08**	AV629050	LCL050h10	Pre-mRNA splicing factor	*Homo sapiens*	7.1	8.3	8.5	1.2	0.4	1.0	0.1
1631	**022e04**	AV623922	LC070e06	Prenylated SNARE protein Ykt6p	*Rattus norvegicus*	17.5	15.2	14.3	0.9	0.1	1.1	0.3
1632	**139h12**	AV623520	LC065a11	prenyltransferases	*Arabidopsis thaliana*	14.9	11.2	18.6	0.8	0.1	0.6	0.1
1633	**001c03**	AV393459	CL07h03	Prenyltransferases	*Arabidopsis thaliana*	7.6	8.5	12.5	1.1	0.0	0.7	0.1
1634	**103f08**	AV395373	CL40e07	Preprotein translocase	*Phormidium laminosum*	6.8	7.0	11.0	1.0	0.2	0.7	0.2
1635	**104a05**	AV395515	CL43f12	Preprotein translocase SECA subnit	*Phormidium laminosum*	9.5	11.4	11.2	1.3	0.4	1.0	0.1
1636	**010g04**	AV633508	HC021f04	Prismane	*Thiobacillus ferrooxidans*	11.8	12.3	6.7	1.1	0.2	1.9	0.4
1637	**036c05**	BP097969	MXL084d07	Prismane protein	*Thermotoga maritima*	24.9	18.3	7.3	1.1	0.7	2.6	0.8
1638	**034b12**	BP095429	MXL041f08	Prismane protein	*Thermotoga maritima*	22.0	12.6	5.4	0.7	0.4	2.3	0.2
1639	**133h07**	AV645279	HCL100e11	PRO0123	*Homo sapiens*	62.2	81.1	46.9	1.3	0.1	1.8	0.5
1640	**029f08**	BP383847	LCL087c03	Probable 3',5'-cyclic phosphodiesterase	*Homo sapiens*	38.9	38.5	40.9	1.0	0.2	1.1	0.4
1641	**168e07**	BP096567	MXL060h06	Probable 3',5'-cyclic phosphodiesterase	*Mus musculus*	29.7	36.7	38.7	1.2	0.1	1.0	0.3
1642	**008e10**	AV388420	CM071g03	Probable 40S ribosomal protein S15	*Picea mariana*	86.5	87.1	82.7	1.0	0.1	1.1	0.2
1643	**001a08**	AV397598	CL02g05	Probable 60S ribosomal protein L15	*Picea mariana*	177.1	225.6	262.0	1.3	0.0	0.9	0.2
1644	**036a07**	BP097657	MXL079b08	Probable ABC-type transport protein T23J7.80	*Arabidopsis thaliana*	11.3	15.8	17.3	1.5	0.3	0.9	0.1
1645	**036g11**	BP098737	MXL098c04	Probable ABC-type transport protein T23J7.80	*Arabidopsis thaliana*	13.4	13.0	15.1	1.0	0.2	0.9	0.1
1646	**035h11**	BP097558	MXL077g02	Probable ABC-type transport protein T23J7.80	*Arabidopsis thaliana*	7.9	10.8	13.1	1.4	0.2	0.8	0.1
1647	**164f04**	BP094824	MXL030d09	Probable amidohydrolase	*Pyrococcus horikoshii*	21.2	15.7	24.5	0.7	0.1	0.7	0.4
1648	**012h04**	AV637553	HC074e10	Probable flavoprotein	*Nostoc sp. PCC 7120*	9.6	25.2	13.8	2.5	1.0	1.9	1.2
1649	**012h09**	AV637669	HC076a06	Probable glutathione peroxidase	*Saccharomyces cerevisiae*	11.1	12.3	15.4	1.1	0.1	0.9	0.5
1650	**115e03**	BP098656	MXL097a06	Probable growth regulator	*Arabidopsis thaliana*	19.1	14.3	16.7	0.8	0.0	0.9	0.1
1651	**028h11**	AV630412	LCL078e04	Probable imbibition protein	*Arabidopsis thaliana*	10.0	9.1	9.4	0.9	0.1	1.0	0.1
1652	**158e02**	BP087654	MX040d10	Probable inorganic phosphate transport protein 1	*Pholiota nameko*	11.9	5.5	8.2	0.5	0.1	0.7	0.2
1653	**171g04**	BP098064	MXL086d04	Probable phosphoprotein phosphatase (EC 3.1.3.16) - apple tree	*Malus x domestica*	11.8	6.9	10.9	0.6	0.1	0.6	0.1
1654	**029a11**	AV630578	LCL081a05	Probable phosphoribosylaminoimidazolecarboxamide formyltransfera	*Arabidopsis thaliana*	6.1	3.6	3.8	0.7	0.4	1.0	0.2
1655	**122c12**	AV638133	HC082d05	Probable proteasome chain protein	*Arabidopsis thaliana*	16.2	16.0	16.9	1.0	0.1	1.0	0.2
1656	**002c10**	AV395127	CL36f01	Probable serine/threonine-specific proteinkinase	*Arabidopsis thaliana*	12.1	12.0	12.4	1.0	0.2	1.1	0.3
1657	**131e07**	AV644167	HCL083c02	Probable serine/threonine-specific proteinkinase	*Arabidopsis thaliana*	16.0	14.4	17.3	0.9	0.0	0.8	0.2
1658	**160g06**	BP089274	MX204c03	Probable transcription regulator	*Schizosaccharomyces pombe*	10.2	9.3	12.5	1.0	0.4	0.8	0.4
1659	**120g10**	AV636438	HC059e02	Probable ubiquitin-conjugating enzyme E2	*Picea mariana*	18.4	24.9	14.7	1.3	0.5	1.7	0.8
1660	**160d09**	BP088615	MX065a06	Probable uracil phosphoribosyl transferase	*Arabidopsis thaliana*	8.9	6.8	9.2	0.8	0.2	0.8	0.2
1661	**008a02**	AV392596	CM062g01	ProbablephotosystemIchainXIprecursor	*Arabidopsis thaliana*	110.9	131.7	146.6	1.4	0.6	1.0	0.3
1662	**021a04**	AV621795	LC041a09	Profilin	*Chlamydomonas reinhardtii*	34.6	36.1	35.4	1.1	0.1	1.0	0.2
1663	**029f05**	AV630953	LCL086g10	Prohibitin	*Nicotiana tabacum*	30.6	16.7	26.3	0.5	0.0	0.7	0.4
1664	**012a07**	AV635912	HC052f02	Prohibitin 1	*Arabidopsis thaliana*	21.4	20.1	24.1	1.0	0.3	0.9	0.2
1665	**136c07**	AV620622	LC024e05	Prolidase	*Suberites domuncula*	74.0	77.0	64.4	1.1	0.1	1.3	0.5
1666	**031f04**	BP087182	MX027e06	Proliferating cell nuclear antigen	*Dunaliella tertiolecta*	27.2	22.5	27.0	0.8	0.1	0.8	0.1
1667	**154b06**	AV630822	LCL084g09	Proline-rich mucin homolog	*Mycobacterium tuberculosis*	24.2	19.3	24.5	0.8	0.2	0.8	0.1
1668	**005h10**	AV388739	CM031g06	Prolyl 4-hydroxylase alpha subunit	*Arabidopsis thaliana*	7.7	8.0	10.0	1.0	0.1	0.8	0.1
1669	**105f08**	AV396673	CL67c07	Prolyl oligopeptidase	*Bos taurus*	7.0	6.0	6.9	1.0	0.5	0.9	0.2
1670	**132g05**	AV644814	HCL094b08	Prolyl-tRNA synthetase (ProS)	*Borrelia burgdorferi*	28.8	24.1	36.3	0.8	0.2	0.7	0.1
1671	**169b02**	BP096832	MXL065e12	Protease 1	*Pneumocystis carinii f. sp. carinii*	15.6	35.0	10.6	2.2	1.0	3.5	1.3
1672	**170d02**	BP097389	MXL074h05	Protease 1	*Pneumocystis carinii f. sp. carinii*	17.1	12.9	13.4	0.8	0.1	1.0	0.1
1673	**137a01**	AV621095	LC031b07	Protease/reverse transcriptase	*Volvox carteri*	22.9	9.0	8.4	0.5	0.1	1.1	0.2
1674	**023b04**	AV624688	LC081c03	Proteasome	*Arabidopsis thaliana*	31.7	31.3	35.1	1.0	0.2	0.9	0.4
1675	**010f05**	AV633190	HC017h01	Proteasome 27 kD subunit	*Spinacia oleracea*	29.0	20.6	25.8	0.8	0.5	0.8	0.4
1676	**120d11**	AV636035	HC054c10	Proteasome component C3	*Oryza sativa*	20.5	18.8	17.0	0.9	0.1	1.1	0.4
1677	**005a05**	AV388151	CM017d11	Proteasome component C8	*Spinacia oleracea*	14.7	20.1	19.2	1.4	0.3	1.0	0.1
1678	**163e11**	BP094364	MXL022a08	Proteasome subunit beta type 5	*Spinacia oleracea*	33.9	29.1	49.4	0.9	0.1	0.6	0.1
1679	**162b06**	BP093519	MXL009e09	Proteasome subunit DD5	*Cicer arietinum*	22.9	20.9	17.7	0.9	0.3	1.3	0.5
1680	**160d03**	BP088568	MX063f06	Protein C21	*Homo sapiens*	11.8	13.2	11.1	1.1	0.2	1.2	0.3
1681	**158b07**	BP087525	MX036d07	Protein disulfide isomerase RB60	*Chlamydomonas reinhardtii*	19.4	24.4	18.5	1.2	0.3	1.5	0.9
1682	**158f12**	BP087687	MX041d10	Protein disulfide isomerase RB60	*Chlamydomonas reinhardtii*	31.6	28.7	35.1	0.9	0.2	0.8	0.2
1683	**033d06**	BP094356	MXL021h03	Protein disulfide isomerase RB60	*Chlamydomonas reinhardtii*	37.4	27.5	42.1	0.7	0.1	0.7	0.2
1684	**031b09**	BP086606	MX012g03	Protein disulfide-isomerase precursor	*Nicotiana tabacum*	24.9	23.4	25.7	1.0	0.2	0.9	0.1
1685	**010d07**	AV632710	HC011f09	Protein kinase	*Chlamydomonas reinhardtii*	65.0	56.6	44.4	0.8	0.2	1.3	0.4
1686	**013a07**	AV637813	HC077h02	Protein kinase	*Trifolium repens*	22.0	27.1	22.3	1.3	0.3	1.2	0.2
1687	**007e09**	AV391914	CM057d03	Protein kinase	*Homo sapiens*	8.8	11.6	12.6	1.3	0.3	0.9	0.1
1688	**015g06**	AV641404	HCL032h12	Protein kinase	*Arabidopsis thaliana*	47.3	35.3	49.5	0.8	0.1	0.8	0.4
1689	**012g12**	AV637443	HC073b12	Protein kinase cdc2	*Dunaliella tertiolecta*	5.8	5.6	7.0	1.0	0.3	0.9	0.7
1690	**027g12**	AV629447	LCL058h04	Protein kinase NPK2	*Nicotiana tabacum*	16.7	19.6	18.0	1.3	0.3	1.1	0.1
1691	**020a07**	AV620704	LC025g01	Protein phosphatase	*Arabidopsis thaliana*	12.0	11.2	10.4	1.0	0.4	1.1	0.2
1692	**033g12**	BP094981	MXL033g07	Protein phosphatase 2,catalytic subunit	*Arabidopsis thaliana*	20.9	20.6	19.8	1.0	0.1	1.2	0.4
1693	**029g08**	AV631084	LCL088e08	Protein phosphatase 2A 55 kDa B regulatory subunit	*Oryza sativa*	38.9	46.1	35.3	1.2	0.3	1.4	0.6
1694	**007g05**	AV392257	CM060a03	Protein phosphatase 2C-like protein	*Arabidopsis thaliana*	15.7	19.1	16.0	1.4	0.6	1.2	0.1
1695	**004e07**	AV386961	CM010a06	Protein phosphatase 2C-like protein	*Arabidopsis thaliana*	18.4	18.6	19.8	1.2	0.6	1.0	0.1
1696	**023g09**	AV626095	LCL002c09	Protein translation factor SUI1 homolog	*Salix bakko*	22.4	25.7	20.1	1.2	0.1	1.5	0.7
1697	**035a07**	BP096533	MXL060c10	Protein transport protein SEC61 beta subunit	*Arabidopsis thaliana*	38.8	30.8	31.2	0.8	0.2	1.2	0.7
1698	**166h03**	BP095794	MXL047e06	Protein transport protein SEC61 gamma subunit	*Arabidopsis thaliana*	13.0	12.2	17.4	0.9	0.3	0.7	0.4
1699	**134f09**	AV619456	LC008e12	Proteinfrom	*Arabidopsis thaliana*	14.9	12.3	14.3	0.8	0.2	0.9	0.3
1700	**145c04**	AV626574	LCL011f08	Proteinphosphatase X isoform 1	*Arabidopsis thaliana*	9.7	10.9	9.3	1.2	0.3	1.2	0.2
1701	**139f10**	AV623269	LC061d02	Protochlorophyllide reductase, chloroplast	*Chlamydomonas reinhardtii*	82.2	43.9	60.7	0.5	0.1	0.7	0.4
1702	**132a05**	AV644413	HCL088a12	Proton motive ATPase 1	*Trypanosoma cruzi*	89.7	54.0	45.8	0.6	0.1	1.2	0.4
1703	**007d08**	AV391609	CM055d03	Proton pyrophosphatase	*Vigna radiata*	16.5	17.1	23.0	1.1	0.2	0.8	0.1
1704	**161e02**	BP093179	MXL004f06	protoporphyrin IX magnesium chelatase	*Chlamydomonas reinhardtii*	30.3	11.1	33.5	0.4	0.1	0.4	0.1
1705	**167h12**	BP096260	MXL055e12	protoporphyrin IX magnesium chelatase chain H	*Chlamydomonas reinhardtii*	19.2	5.9	23.1	0.3	0.2	0.3	0.1
1706	**142g11**	AV625445	LC092f10	PsaN precursor	*Chlamydomonas reinhardtii*	66.0	53.5	65.6	0.8	0.2	0.9	0.6
1707	**020f01**	AV621236	LC033c02	Pseudotzain	*Pseudotsuga menziesii*	13.8	33.9	31.0	2.8	1.5	1.1	0.2
1708	**009d12**	AV391594	CM091h12	PSII protein W	*Guillardia theta*	15.0	6.3	8.4	0.4	0.0	0.8	0.1
1709	**006g08**	AV390456	CM046e06	PSI-N	*Arabidopsis thaliana*	51.9	43.7	69.0	0.8	0.2	0.7	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
1710	**116a01**	AV392057	CM094a06	Psiprotein	*Schizosaccharomyces pombe*	4.5	6.5	5.8	1.8	1.1	1.2	0.6
1711	**167f11**	BP096153	MXL053f10	PspA	*Streptococcus pneumoniae*	19.9	23.3	21.0	1.1	0.6	1.1	0.8
1712	**109a11**	AV387806	CM023f07	Pta	*Mycobacterium tuberculosis*	6.1	9.5	5.3	1.7	0.6	1.8	0.1
1713	**132b12**	AV644544	HCL090c10	Pum gene product	*Drosophila melanogaster*	14.6	15.6	16.1	1.1	0.0	1.0	0.0
1714	**012c09**	AV636486	HC060b04	Putative 16kDa membrane protein	*Nicotiana tabacum*	165.2	98.6	165.2	0.6	0.0	0.6	0.1
1715	**154f07**	AV631068	LCL088c11	Putative 3'-5' exoribonuclease	*Arabidopsis thaliana*	28.5	22.1	28.3	0.8	0.1	0.8	0.1
1716	**160d10**	BP088619	MX065b01	Putative 3-phosphoserine phosphatase	*Arabidopsis thaliana*	19.1	12.2	14.1	0.6	0.1	1.0	0.6
1717	**027f08**	AV629327	LCL056f09	Putative 3-phosphoserine phosphatase	*Arabidopsis thaliana*	9.2	8.7	18.7	1.0	0.1	0.5	0.2
1718	**001c04**	AV393516	CL08e07	Putative 40S ribosomal protein S12	*Fragaria x ananassa*	105.6	115.7	79.3	1.1	0.1	1.5	0.6
1719	**101a09**	AV393344	CL01e03	Putative 40S ribosomal protein S12	*Fragaria x ananassa*	188.7	202.1	151.1	1.2	0.4	1.4	0.4
1720	**124b11**	AV640046	HCL009d01	Putative 60 KD Chaperonin Beta subunit	*Oryza sativa*	54.0	32.9	21.0	0.6	0.3	1.6	0.6
1721	**003c07**	AV396223	CL58e07	Putative 60S ribosomal protein L17	*Arabidopsis thaliana*	156.3	181.2	87.2	1.1	0.1	2.3	1.5
1722	**027d11**	BP383842	LCL054b09	Putative ABC transporter	*Arabidopsis thaliana*	4.9	4.0	3.7	0.8	0.1	1.1	0.4
1723	**014e07**	BP383725	HCL010f12	Putative ABC transporter	*Arabidopsis thaliana*	12.2	13.2	13.5	1.1	0.1	1.0	0.2
1724	**035c10**	BP096922	MXL067b05	Putative ABC transporter	*Oryza sativa*	9.9	7.4	9.7	0.8	0.1	0.8	0.1
1725	**029d06**	BP383846	LCL084f04	Putative ABC transporter	*Arabidopsis thaliana*	14.1	5.6	10.3	0.4	0.2	0.7	0.5
1726	**003g07**	AV396456	CL74f02	Putative ABC transporter	*Arabidopsis thaliana*	13.4	8.2	24.0	0.7	0.2	0.3	0.1
1727	**034f11**	BP096164	MXL053h05	Putative ABC transporter	*Chlamydomonas reinhardtii*	5.4	13.2	9.4	2.2	1.2	1.3	0.4
1728	**024g12**	BP383835	LCL017a03	Putative ABC transporter ATPase	*Arabidopsis thaliana*	41.5	42.5	41.5	1.0	0.2	1.1	0.6
1729	**171g05**	BP098067	MXL086d07	Putative ABC transporter, Mrp1	*Chlamydomonas reinhardtii*	25.2	23.2	33.8	1.1	1.1	0.9	0.9
1730	**032g12**	BP093652	MXL011e06	Putative alcohol dehydrogenase/ribitoldehydrogenase	*Oryza sativa*	18.6	10.5	14.2	0.6	0.1	0.7	0.1
1731	**006g09**	AV390476	CM046f04	Putative alpha-carboxyltransferase	*Arabidopsis thaliana*	16.6	20.2	25.0	1.2	0.1	0.8	0.1
1732	**012f02**	AV637100	HC068f10	Putative arginine N-methyltransferase	*Arabidopsis thaliana*	8.1	4.9	4.3	1.0	0.7	1.2	0.5
1733	**115h04**	AV391712	CM092g02	Putative arginine N-methyltransferase	*Arabidopsis thaliana*	11.9	5.9	5.8	0.5	0.1	1.0	0.2
1734	**165d09**	BP095201	MXL037h04	Putative aspartate aminotransferase	*Arabidopsis thaliana*	7.0	8.0	8.9	1.2	0.1	0.9	0.1
1735	**029b08**	AV630642	LCL082a01	Putative aspartate-tRNA ligase	*Arabidopsis thaliana*	13.3	7.5	10.6	0.6	0.1	0.7	0.0
1736	**127h07**	AV642050	HCL044e11	Putative aspartic protease	*Brassica oleracea*	14.1	32.3	29.7	2.3	0.9	1.1	0.4
1737	**017b07**	AV642923	HCL060e12	Putative ATP binding protein	*Arabidopsis thaliana*	6.4	6.0	6.1	0.9	0.2	1.0	0.2
1738	**165d07**	BP095187	MXL037e04	Putative ATPase	*Arabidopsis thaliana*	8.3	7.1	9.7	0.9	0.2	0.8	0.2
1739	**156c05**	AV631789	LCL099h06	Putative ATPase (ISW2-like)	*Arabidopsis thaliana*	11.0	15.3	12.0	1.7	1.0	1.3	0.4
1740	**023d01**	AV624974	LC085c02	Putative ATP-dependent citrate lyase	*Chlorellaprotothecoides*	11.9	18.2	10.0	1.5	0.2	2.3	1.3
1741	**125f10**	AV640753	HCL021h01	Putative ATP-dependent RNA helicase	*Arabidopsis thaliana*	97.2	76.9	65.3	0.8	0.0	1.2	0.1
1742	**106g08**	AV386592	CM003c09	Putative ATP-dependent RNA helicase	*Schizosaccharomyces pombe*	13.6	11.6	12.0	0.9	0.3	1.0	0.2
1743	**168d03**	BP096462	MXL059b05	Putative ATP-dependent RNA helicase A	*Arabidopsis thaliana*	19.4	17.0	23.4	0.9	0.1	0.8	0.2
1744	**109d04**	AV388136	CM025f05	Putative autophagocytosis protein	*Schizosaccharomyces pombe*	7.1	9.9	10.1	1.4	0.4	1.2	0.7
1745	**125h05**	AV640833	HCL023b03	Putative beta-amylase	*Arabidopsis thaliana*	14.2	14.8	13.7	1.0	0.2	1.1	0.4
1746	**127e08**	AV641869	HCL041f04	Putative branched-chain amino acidaminotransferase	*Arabidopsis thaliana*	8.0	7.1	7.3	0.9	0.1	1.0	0.2
1747	**026b03**	AV628099	LCL036f12	Putative Ca^{2+} dependent protein kinase	*Arabidopsis thaliana*	19.7	20.9	22.4	1.1	0.3	1.0	0.3
1748	**116d01**	AV392697	CM098f03	Putative carbamoyl phosphate synthetase	*Oryza sativa*	7.4	25.0	11.1	3.3	0.8	2.3	0.2
1749	**136e02**	AV620724	LC026a05	Putative carboxyphosphoenolpyruvate mutase	*Arabidopsis thaliana*	18.5	18.0	22.9	1.0	0.1	0.8	0.2
1750	**142d12**	AV625178	LC088h09	Putative carboxyphosphonoenolpyruvate mutase	*Arabidopsis thaliana*	38.6	58.1	47.3	1.5	0.1	1.3	0.5
1751	**143c04**	BP098797	MXL099c09	Putative casein kinase I	*Arabidopsis thaliana*	18.8	21.0	18.9	1.1	0.0	1.1	0.1
1752	**170a06**	BP097208	MXL071g11	Putative chaperonin	*Arabidopsis thaliana*	15.8	16.7	9.8	1.2	0.4	2.5	1.6
1753	**009g12**	AV392905	CM100c04	putative chelatase subunit	*Oryza sativa*	15.3	4.3	13.1	0.3	0.1	0.3	0.1
1754	**127e01**	AV641814	HCL040g04	Putative chlorophyll A-B binding protein	*Arabidopsis thaliana*	18.8	12.0	26.8	0.7	0.2	0.4	0.1
1755	**022d01**	AV623758	LC068c06	Putative chlorophyll synthetase	*Arabidopsis thaliana*	29.2	16.2	14.6	0.5	0.2	1.1	0.2
1756	**009b05**	AV390355	CM084e03	Putative chloroplast 50S ribosomal proteinL28	*Arabidopsis thaliana*	254.9	196.3	238.4	0.8	0.2	0.9	0.4
1757	**130b02**	AV643248	HCL066d02	Putative cinnamyl alcohol dehydrogenase	*Malus domestica*	5.3	4.6	4.4	0.9	0.2	1.1	0.4
1758	**161d10**	BP098869	MXL100e03	Putative cinnamyl alcohol dehydrogenase	*Arabidopsis thaliana*	46.2	29.8	46.7	0.7	0.2	0.7	0.2
1759	**020a08**	AV620729	LC026a12	Putative citrate synthase	*Arabidopsis thaliana*	42.2	28.9	28.5	0.7	0.1	1.1	0.3
1760	**036e01**	BP098263	MXL090d10	Putative clathrin heavy chain	*Arabidopsis thaliana*	19.0	24.2	15.2	1.3	0.1	1.7	0.7
1761	**160f12**	BP089188	MX202e06	Putative clathrin heavy chain	*Arabidopsis thaliana*	18.0	21.7	18.5	1.2	0.2	1.2	0.2
1762	**144e10**	AV626297	LCL006b03	Putative cleavage and polyadenylation specifityfactor	*Schizosaccharomyces pombe*	17.1	15.1	18.0	1.0	0.4	0.9	0.2
1763	**127a08**	AV641614	HCL037d10	Putative CMF receptor	*Dictyostelium discoideum*	11.3	9.5	9.1	0.9	0.2	1.0	0.2
1764	**105a12**	AV396271	CL57e10	Putative coatamer alpha subunit homolog	*Arabidopsis thaliana*	132.8	192.3	174.5	1.5	0.1	1.1	0.2
1765	**034d10**	BP095771	MXL047b06	Putative coatameralpha subunit homolog	*Arabidopsis thaliana*	3.1	2.4	2.8	0.8	0.1	0.8	0.2
1766	**021a09**	AV621916	LC042e12	Putative coatomer epsilon subunit	*Arabidopsis thaliana*	17.6	19.0	14.7	1.1	0.3	1.3	0.1
1767	**017h04**	AV643858	HCL077c08	Putative coatomer protein complex, subunit beta 2	*Arabidopsis thaliana*	14.2	13.1	14.5	0.9	0.1	1.0	0.4
1768	**021c11**	AV622189	LC046c12	Putative copia-like transposable element	*Arabidopsis thaliana*	25.6	26.0	30.0	1.0	0.3	0.8	0.2
1769	**140g09**	AV624088	LC072g09	Putative cullin-like 1 protein	*Arabidopsis thaliana*	18.5	20.2	21.4	1.1	0.2	1.0	0.2
1770	**024g08**	AV626842	LCL016d12	Putative cullin-like 1 protein	*Arabidopsis thaliana*	12.9	17.7	18.6	1.4	0.2	1.0	0.2
1771	**008h12**	AV390515	CM080f07	Putative cullin-like 1 protein	*Arabidopsis thaliana*	8.1	8.8	10.1	1.1	0.2	0.9	0.3
1772	**144d05**	AV626244	LCL005a05	Putative cyclin homolog	*Oryza sativa*	153.7	127.7	149.3	0.9	0.4	1.0	0.5
1773	**172e10**	BP098431	MXL093b10	Putative cyclophilin type peptidyl-prolyl cis-trans isomerase	*Mus musculus*	56.7	39.6	67.2	0.7	0.1	0.7	0.3
1774	**001g03**	AV394359	CL21a06	Putative Cys3His zinc finger protein	*Arabidopsis thaliana*	3.3	3.7	3.5	1.2	0.4	1.2	0.7
1775	**103f12**	AV395388	CL40g06	Putative Cys3His zinc finger protein	*Arabidopsis thaliana*	10.7	7.8	9.9	0.7	0.2	0.8	0.2
1776	**008d01**	AV397359	CM068h01	putative deoxyribonuclease	*Salmonella enterica*	3.5	5.8	4.3	1.7	0.3	1.4	0.4
1777	**025d12**	AV627419	LCL026d09	Putative dihydrodipicolinate synthase	*Arabidopsis thaliana*	33.0	21.5	20.3	0.7	0.2	1.1	0.5
1778	**035d02**	BP096959	MXL067g06	Putative dihydroxy-acid dehydratase, mitochondrial	*Arabidopsis thaliana*	29.8	18.6	12.5	0.6	0.2	1.5	0.5
1779	**004h04**	AV387377	CM014h04	Putative dihydroxy-aciddehydratase	*Schizosaccharomyces pombe*	23.6	17.8	14.8	0.8	0.4	1.2	0.4
1780	**122c07**	AV638044	HC081b04	Putative dihydroxy-aciddehydratase	*Schizosaccharomyces pombe*	35.4	25.0	23.7	0.7	0.0	1.1	0.4
1781	**120g03**	AV636378	HC058f12	Putative dihyrdolipoamideacetyltransferase	*Arabidopsis thaliana*	8.8	9.0	6.7	1.0	0.3	1.3	0.4
1782	**021g08**	AV622903	LC056c12	Putative DNA-binding protein	*Arabidopsis thaliana*	11.8	7.8	7.2	0.7	0.3	1.1	0.2
1783	**006d04**	AV389765	CM039f07	Putative DNA-directed RNA polymerase III C11 subunit	*Homo sapiens*	4.2	4.3	3.8	1.0	0.2	1.2	0.3
1784	**119g04**	AV635351	HC045c07	Putative D-ribulose-5-phosphate	*Arabidopsis thaliana*	7.9	5.6	4.1	0.7	0.2	1.5	0.6
1785	**136c04**	AV620603	LC024b12	putative dTDP-6-deoxy-L-mannose-dehydrogenase	*Arabidopsis thaliana*	10.0	8.3	9.4	0.8	0.2	0.9	0.2
1786	**004c09**	AV386851	CM005a03	Putative dTDP-glucose 4-6-dehydratase	*Arabidopsis thaliana*	25.1	32.4	27.6	1.3	0.2	1.4	0.5
1787	**022d05**	AV623773	LC068d12	Putative E1protein	*Arabidopsis thaliana*	17.9	16.7	18.6	0.9	0.2	1.0	0.4
1788	**011h05**	AV635679	HC049e01	Putative electron transfer flavoprotein ubiquinoneoxidoreductase	*Arabidopsis thaliana*	7.1	7.0	6.1	1.0	0.2	1.2	0.3
1789	**002h05**	AV395911	CL51d05	Putative elongation factor 3	*Schizosaccharomyces pombe*	115.8	134.1	107.9	1.0	0.4	1.5	1.2
1790	**159a02**	BP087719	MX042c03	Putative enolase	*Arabidopsis thaliana*	70.3	60.2	38.2	0.9	0.4	2.4	2.0
1791	**017e10**	AV643361	HCL068d02	Putative ethylene-inducible protein	*Arabidopsis thaliana*	34.0	27.4	31.5	0.8	0.3	0.9	0.4
1792	**168e10**	BP096582	MXL061b07	Putative ferredoxin-dependent glutamatesynthase	*Chlamydomonas reinhardtii*	41.5	62.8	56.0	1.5	0.1	1.1	0.1
1793	**010e05**	AV632936	HC014e12	Putative FK506-binding protein	*Suberites domuncula*	19.4	20.7	16.4	1.1	0.3	1.4	0.4
1794	**033g04**	BP094829	MXL030e06	Putative gamma-adaptin 1	*Oryza sativa*	2.6	2.7	2.6	1.0	0.2	1.1	0.3
1795	**148c03**	AV627898	LCL033e11	Putative gamma-adaptin 1	*Oryza sativa*	17.5	14.2	14.0	0.8	0.1	1.0	0.1
1796	**102d02**	AV394365	CL21g06	Putative glucan synthase component	*Arabidopsis thaliana*	3.3	5.9	3.6	1.9	0.9	1.8	1.0
1797	**026c05**	AV628226	LCL038g01	Putative glucanase	*Arabidopsis thaliana*	53.5	38.8	41.7	0.8	0.2	0.9	0.2
1798	**129f08**	AV642986	HCL061f12	Putative glutaminase	*Escherichia coli*	26.0	16.2	21.5	0.6	0.3	0.8	0.5
1799	**004a11**	AV397851	CM002g06	Putative glutathione S-transferase	*Arabidopsis thaliana*	24.0	19.6	29.4	0.8	0.2	0.7	0.3
1800	**020b02**	AV620766	LC026e09	Putative glycine cleavage system protein H precursor	*Arabidopsis thaliana*	58.2	89.0	68.7	1.6	0.4	1.3	0.3
1801	**004c04**	AV386636	CM004g01	Putative glycine dehydrogenase	*Arabidopsis thaliana*	36.4	58.8	51.2	1.9	0.7	1.3	0.6
1802	**029g05**	AV631073	LCL088d05	Putative G-protein	*Mus musculus*	10.0	14.9	9.7	1.5	0.5	1.5	0.3
1803	**030b06**	AV631425	LCL093g01	Putative G-protein	*Mus musculus*	4.8	4.9	4.1	1.1	0.3	1.4	0.7
1804	**013a08**	AV637843	HC078d01	Putative GTP-binding protein	*Clostridiumthermocellum*	9.6	9.7	5.1	1.2	0.5	2.0	0.4
1805	**023c07**	AV624911	LC084d09	Putative heparan sulfate proteoglycan	*Ovis aries*	22.1	42.7	13.9	1.9	0.2	3.3	0.8
1806	**134a07**	AV618923	LC001d09	Putative HesB-like protein	*Arabidopsis thaliana*	13.8	22.4	16.6	1.7	0.1	1.5	0.7
1807	**010d12**	AV632777	HC012e01	Putative homeobox protein	*Arabidopsis thaliana*	43.3	37.8	37.0	0.9	0.2	1.0	0.1
1808	**031a07**	BP086442	MX008h08	Putative host factor	*Nicotiana tabacum*	35.2	33.6	36.9	1.0	0.1	0.9	0.0
1809	**012g06**	AV637337	HC071h01	Putative initiation factor eIF-2	*Arabidopsis thaliana*	33.1	22.8	45.5	0.7	0.0	0.6	0.4
1810	**007e12**	AV391977	CM057h07	Putative inorganic pyrophosphatase	*Arabidopsis thaliana*	25.6	9.3	17.0	0.4	0.1	0.5	0.1
1811	**013g06**	AV639395	HC098g09	Putative integral membrane protein	*Phaseolus vulgaris*	16.8	12.6	16.3	0.8	0.2	0.8	0.1
1812	**170b11**	BP097301	MXL073c07	Putative isocitrate dehydrogenase (NAD+)	*Arabidopsis thaliana*	26.3	22.3	15.0	0.9	0.4	1.7	1.1
1813	**160c10**	BP088533	MX062g02	Putative isocitrate dehydrogenase (NAD+)	*Arabidopsis thaliana*	32.2	27.9	18.2	0.9	0.4	1.7	1.0
1814	**027c03**	AV629064	LCL051b08	Putative kinesin-like centromere protein	*Arabidopsis thaliana*	7.4	4.3	3.4	0.6	0.4	1.2	0.4
1815	**153e09**	AV630541	LCL080d12	Putative kinesin-like spindle protein	*Arabidopsis thaliana*	26.0	18.3	25.0	0.7	0.1	0.7	0.1
1816	**036f06**	BP098493	MXL094b12	Putative kinesin-related cytokinesis protein	*Arabidopsis thaliana*	14.6	12.4	15.0	0.9	0.0	0.8	0.4

	A	B	C	D	E	F	G	H	I	J	K	L
1817	**028e06**	AV630075	LCL072e09	Putative kinetochore protein	*Hordeum vulgare*	35.5	15.2	15.0	0.5	0.3	1.0	0.5
1818	**128g10**	AV642553	HCL053g11	Putative leucyl tRNA synthetase	*Arabidopsis thaliana*	11.7	12.5	10.3	1.1	0.4	1.2	0.4
1819	**003e07**	AV396762	CL66g03	Putative leucyl tRNA synthetase	*Arabidopsis thaliana*	11.6	8.8	15.5	0.8	0.0	0.6	0.1
1820	**114e11**	AV388593	CM078c08	Putative leucyl-tRNA synthetase	*Arabidopsis thaliana*	10.9	9.8	7.3	0.9	0.1	1.4	0.2
1821	**029a08**	AV630526	LCL080c05	Putative leucyl-tRNA synthetase	*Arabidopsis thaliana*	36.5	24.9	32.4	0.7	0.0	0.8	0.2
1822	**024h07**	AV626896	LCL017f05	Putative leucyl-tRNA synthetase	*Arabidopsis thaliana*	22.6	14.4	18.8	0.6	0.2	0.8	0.1
1823	**132c08**	AV644631	HCL091e05	Putative lupus LA proteins	*Caenorhabditiselegans*	17.8	11.2	13.4	0.6	0.2	0.9	0.3
1824	**124a02**	AV639908	HCL007a07	Putative lysozyme C	*Dictyostelium discoideum*	16.9	15.2	19.1	0.9	0.1	0.8	0.2
1825	**007c11**	AV391435	CM054d11	Putative malonyl-CoA acyl carrier protein transacylase	*Arabidopsis thaliana*	30.7	38.1	30.8	1.3	0.1	1.2	0.0
1826	**018a11**	AV644130	HCL082e08	Putative MAP kinase	*Arabidopsis thaliana*	13.7	10.2	11.6	0.8	0.5	1.0	0.6
1827	**023g02**	AV626030	LCL001c10	Putative MAP kinase phosphatase	*Arabidopsis thaliana*	4.2	3.5	3.7	0.8	0.2	0.9	0.3
1828	**009a06**	AV390232	CM082c12	Putative membrane protein	*Arabidopsis thaliana*	8.2	7.6	7.4	0.9	0.1	1.1	0.3
1829	**010b09**	AV632333	HC006h03	Putative membrane protein	*Arabidopsis thaliana*	4.5	5.1	5.4	1.1	0.1	1.0	0.2
1830	**004b04**	AV386616	CM003d12	Putative membrane protein	*Yersinia pestis*	249.6	168.6	204.0	0.7	0.0	0.8	0.1
1831	**025a02**	AV626943	LCL018e08	Putative membrane related protein	*Arabidopsis thaliana*	22.5	17.3	19.0	0.8	0.4	1.0	0.5
1832	**031e07**	BP086999	MX022e06	Putative methionine aminopeptidase	*Arabidopsis thaliana*	11.2	6.0	8.6	0.5	0.1	0.7	0.1
1833	**023c01**	AV624819	LC083b11	Putative methyltransferase	*Streptomyces coelicolor*	15.3	20.0	13.6	1.3	0.3	1.6	0.5
1834	**158f08**	BP087681	MX041c07	Putative microtubule-associated protein	*Arabidopsis thaliana*	14.0	24.4	27.4	2.2	1.6	0.9	0.4
1835	**012b09**	AV636272	HC057c10	Putative microtubule-associated protein	*Arabidopsis thaliana*	7.8	17.7	18.9	2.3	1.9	0.9	0.6
1836	**168a01**	BP096261	MXL055f02	Putative mitchondrial matrix protein	*Chlamydomonas reinhardtii*	7.9	35.3	13.7	4.8	1.5	3.4	2.0
1837	**022e02**	AV623887	LC070a11	Putative mitochondrial matrix protein	*Chlamydomonas reinhardtii*	9.0	75.6	46.5	8.6	1.9	1.6	0.3
1838	**025f01**	AV627578	LCL028h09	Putative mitochondrial matrix protein	*Chlamydomonas reinhardtii*	7.4	63.1	38.9	9.0	4.4	1.6	0.5
1839	**117g08**	AV633102	HC016g06	Putative mitochondrial processingpeptidase	*Arabidopsis thaliana*	34.6	32.1	32.3	0.9	0.2	1.0	0.2
1840	**144f07**	AV626314	LCL006g02	Putative MO25 protein	*Chlorella prototthecoides*	11.1	8.5	7.8	0.8	0.1	1.1	0.3
1841	**151f12**	AV629629	LCL062c09	Putative mRNA capping enzyme	*Arabidopsis thaliana*	11.2	10.1	9.2	0.9	0.3	1.2	0.5
1842	**029e12**	AV630933	LCL086e05	Putative mRNA capping enzyme	*Arabidopsis thaliana*	4.5	5.4	5.1	1.2	0.2	1.1	0.2
1843	**151g02**	AV629634	LCL062d08	Putative mRNA capping enzyme	*Arabidopsis thaliana*	11.3	10.7	11.3	0.9	0.1	1.0	0.1
1844	**014e06**	AV640112	HCL010f04	Putative MSF transporter	*Schizosaccharomyces pombe*	12.0	12.2	13.0	1.1	0.3	1.0	0.4
1845	**025a03**	AV626956	LCL018g07	Putative multispanning membrane protein	*Arabidopsis thaliana*	17.6	15.3	17.9	0.9	0.2	0.9	0.1
1846	**031h04**	BP087425	MX034c06	Putative mutT protein	*Arabidopsis thaliana*	10.3	9.0	9.2	0.9	0.2	1.0	0.3
1847	**027f10**	BP383843	LCL056h12	Putative Na'-dependent inorganic phosphatecotransporter	*Arabidopsis thaliana*	15.8	10.2	11.2	0.7	0.1	0.9	0.1
1848	**017d12**	AV643243	HCL066c07	Putative NAD(P)H steroid dehydrogenase	*Mus musculus*	7.1	5.1	6.9	0.7	0.2	0.8	0.5
1849	**013a12**	AV637960	HC080a01	Putative NADH-ubiquinone oxireductase	*Arabidopsis thaliana*	19.3	15.3	14.0	0.8	0.2	1.1	0.2
1850	**003h09**	AV397339	CL80f02	Putative nonsense-mediated mRNA decayprotein	*Arabidopsis thaliana*	9.0	5.8	13.8	0.6	0.2	0.7	0.5
1851	**007c02**	AV391296	CM053a08	Putative O-acetylserine(thiol)lyase precursor	*Chlamydomonas reinhardtii*	12.6	17.7	13.1	1.4	0.2	1.4	0.3
1852	**014c12**	AV639929	HCL007d03	Putative oxysterol-binding protein	*Arabidopsis thaliana*	5.9	4.3	5.4	0.7	0.1	0.8	0.2
1853	**117c09**	AV632486	HC008g12	Putative peptidyl-prolyl cis-trans isomerase	*Arabidopsis thaliana*	5.3	4.9	4.9	0.9	0.2	1.1	0.4
1854	**169h08**	BP097165	MXL071b05	Putative periplasmic protein	*Campylobacter jejuni*	5.1	4.1	7.5	0.6	0.5	0.8	0.9
1855	**010d10**	AV632747	HC012a12	Putative peroxisomal membrane carrier protein	*Arabidopsis thaliana*	32.1	20.0	27.8	0.6	0.1	0.7	0.0
1856	**169a03**	BP096772	MXL064f05	Putative P-glycoprotein-like protein	*Arabidopsis thaliana*	19.3	19.1	13.6	1.0	0.1	1.8	1.0
1857	**145b11**	AV626556	LCL011c03	Putative phosphatidatecytidylyltransferase	*Arabidopsis thaliana*	21.8	24.7	20.2	1.1	0.1	1.2	0.3
1858	**023a03**	AV624523	LC078h05	Putative phosphoglyceride transfer protein	*Arabidopsis thaliana*	19.1	13.8	14.5	0.7	0.1	0.9	0.3
1859	**021h04**	AV623015	LC057g11	Putative phospholipase A2	*Oryza sativa*	8.7	9.0	11.6	1.0	0.3	0.8	0.1
1860	**027c08**	AV629090	LCL051h02	Putative phosphoprotein phosphatase	*Arabidopsis thaliana*	2.4	2.2	1.8	1.0	0.3	1.2	0.1
1861	**115d06**	AV390983	CM087c06	Putative phosphoribosylaminoimidazole carboxamideformyltransferas	*Arabidopsis thaliana*	7.5	4.8	3.5	0.8	0.4	1.4	0.2
1862	**163g12**	BP094522	MXL024d07	Putative phosphoribosylformylglycinamidinesynthase	*Arabidopsis thaliana*	14.8	10.8	17.8	0.8	0.1	0.7	0.3
1863	**014c08**	AV639890	HCL006g03	Putative phospho-ser/thr phosphatase	*Arabidopsis thaliana*	7.5	9.0	8.5	1.2	0.3	1.1	0.4
1864	**029h01**	AV631148	LCL089e07	Putative plasma membrane iron permease	*Schizosaccharomyces pombe*	15.3	12.2	22.1	0.8	0.1	0.6	0.1
1865	**169b07**	BP096856	MXL066a02	Putative poly(A) polymerase	*Arabidopsis thaliana*	16.8	16.9	13.9	1.1	0.4	1.3	0.5
1866	**027d08**	AV629182	LCL053g09	Putative poly(A) polymerase	*Arabidopsis thaliana*	10.1	7.6	9.5	0.7	0.1	0.9	0.5
1867	**150a06**	AV628790	LCL047b07	Putative pre-mRNA processing protein	*Arabidopsis thaliana*	9.7	7.7	7.3	0.8	0.3	1.1	0.3
1868	**154a03**	AV630754	LCL083g11	Putative pre-mRNA splicing factor	*Arabidopsis thaliana*	16.7	12.8	13.1	0.8	0.2	1.0	0.3
1869	**161b11**	BP092986	MXL001g10	Putative protein	*Arabidopsis thaliana*	10.0	11.4	7.5	1.2	0.4	1.9	1.0
1870	**036c12**	BP098075	MXL086e08	Putative protein	*Arabidopsis thaliana*	1.9	1.8	1.4	1.0	0.4	1.7	1.0
1871	**113c10**	AV392928	CM065g03	Putative protein	*Arabidopsis thaliana*	9.6	16.5	10.3	1.7	0.6	1.6	0.7
1872	**005h01**	AV388548	CM030b08	Putative protein	*Alabidopsis thaliana*	10.8	21.9	14.3	2.0	0.2	1.5	0.4
1873	**140e11**	AV623916	LC070d12	Putative protein	*Arabidopsis thaliana*	7.2	32.8	22.8	4.7	1.5	1.5	0.2
1874	**121b01**	AV636802	HC064d03	Putative protein	*Arabidopsis thaliana*	10.3	10.9	8.0	1.0	0.3	1.4	0.8
1875	**022b10**	AV623502	LC064g06	Putative protein	*Arabidopsis thaliana*	17.8	52.2	42.3	3.0	0.5	1.4	0.5
1876	**109d01**	AV388077	CM025d09	Putative protein	*Arabidopsis thaliana*	37.6	67.0	55.4	1.8	0.2	1.4	0.4
1877	**149e05**	AV628519	LCL043b07	Putative protein	*Arabidopsis thaliana*	6.9	11.4	8.3	1.7	0.3	1.4	0.2
1878	**141e05**	AV624552	LC079c10	Putative protein	*Arabidopsis thaliana*	10.9	15.8	11.9	1.5	0.2	1.3	0.2
1879	**007h03**	AV392433	CM061f07	Putative protein	*Arabidopsis thaliana*	12.2	13.4	10.5	1.1	0.1	1.3	0.1
1880	**025c08**	AV627250	LCL023g02	Putative protein	*Arabidopsis thaliana*	18.6	20.1	18.8	1.1	0.1	1.3	0.7
1881	**145b02**	AV626514	LCL010d08	Putative protein	*Arabidopsis thaliana*	10.6	14.2	11.5	1.3	0.1	1.2	0.1
1882	**010e04**	AV632931	HC014e06	Putative protein	*Arabidopsis thaliana*	17.1	19.6	16.5	1.3	0.5	1.2	0.3
1883	**007g02**	AV392236	CM059e02	Putative protein	*Caenorhabditis elegans*	6.4	8.2	6.9	1.4	0.3	1.2	0.2
1884	**106f04**	AV397836	CM002c07	Putative protein	*Arabidopsis thaliana*	9.9	6.1	5.1	0.6	0.1	1.2	0.2
1885	**148f04**	AV628116	LCL036h12	Putative protein	*Arabidopsis thaliana*	9.4	18.5	16.0	2.1	0.6	1.2	0.2
1886	**020a04**	AV620671	LC025c07	Putative protein	*Arabidopsis thaliana*	35.6	36.1	31.0	1.0	0.0	1.2	0.2
1887	**125f08**	AV640743	HCL021f08	Putative protein	*Arabidopsis thaliana*	18.6	16.9	16.3	1.0	0.3	1.1	0.4
1888	**012a02**	AV635784	HC050h05	Putative protein	*Arabidopsis thaliana*	16.0	20.2	18.9	1.4	0.6	1.1	0.4
1889	**113d06**	AV393088	CM067b05	Putative protein	*Arabidopsis thaliana*	4.3	4.6	4.1	1.2	0.5	1.1	0.1
1890	**027a11**	AV628803	LCL047c12	Putative protein	*Arabidopsis thaliana*	7.3	7.0	7.0	1.0	0.2	1.1	0.6
1891	**007e07**	AV391860	CM057a08	Putative protein	*Arabidopsis thaliana*	19.6	24.0	21.3	1.3	0.3	1.1	0.1
1892	**025h06**	AV627903	LCL033f08	Putative protein	*Arabidopsis thaliana*	11.3	8.8	9.0	0.8	0.2	1.1	0.6
1893	**164d11**	BP094749	MXL028f11	Putative protein	*Arabidopsis thaliana*	25.7	18.4	20.9	0.8	0.2	1.1	0.5
1894	**032h08**	BP093745	MXL013a06	Putative protein	*Arabidopsis thaliana*	20.5	24.7	22.0	1.2	0.1	1.1	0.1
1895	**020h10**	AV621679	LC039e10	Putative protein	*Arabidopsis thaliana*	54.5	42.3	44.1	0.7	0.3	1.1	0.8
1896	**148b08**	AV627862	LCL033a09	Putative protein	*Arabidopsis thaliana*	11.5	9.7	9.2	0.9	0.2	1.1	0.4
1897	**119a10**	AV634571	HC035a11	Putative protein	*Arabidopsis thaliana*	8.9	6.6	6.0	0.8	0.1	1.1	0.1
1898	**153h04**	AV630696	LCL082h01	Putative protein	*Arabidopsis thaliana*	15.9	16.2	14.9	1.0	0.1	1.1	0.1
1899	**136e06**	AV620742	LC026c04	Putative protein	*Arabidopsis thaliana*	7.5	6.8	6.5	0.9	0.1	1.1	0.2
1900	**140g02**	AV624040	LC072b05	Putative protein	*Arabidopsis thaliana*	8.1	6.7	6.3	0.8	0.1	1.1	0.1
1901	**030a01**	AV631249	LCL090h07	Putative protein	*Arabidopsis thaliana*	64.0	73.1	69.4	1.2	0.3	1.1	0.1
1902	**121g07**	AV637511	HC074a06	Putative protein	*Arabidopsis thaliana*	7.4	9.6	9.4	1.3	0.7	1.0	0.5
1903	**104g07**	AV395978	CL53h04	Putative protein	*Arabidopsis thaliana*	22.9	17.1	17.3	0.8	0.2	1.0	0.3
1904	**030e03**	AV631693	LCL098c12	Putative protein	*Arabidopsis thaliana*	7.8	7.6	7.8	1.0	0.1	1.0	0.1
1905	**028b11**	AV629726	LCL064f09	Putative protein	*Arabidopsis thaliana*	36.4	34.3	35.8	0.9	0.1	1.0	0.2
1906	**113d04**	AV393063	CM066h11	Putative protein	*Arabidopsis thaliana*	219.0	199.3	203.7	0.9	0.1	1.0	0.2
1907	**151b07**	AV629362	LCL057d05	Putative protein	*Arabidopsis thaliana*	17.9	14.3	15.0	0.8	0.0	1.0	0.1
1908	**023e04**	AV625149	LC088e05	Putative protein	*Arabidopsis thaliana*	10.8	9.6	10.1	0.9	0.1	1.0	0.2
1909	**164e08**	BP094778	MXL029e01	Putative protein	*Arabidopsis thaliana*	106.3	72.4	75.2	0.7	0.0	1.0	0.2
1910	**036d05**	BP098188	MXL089a03	Putative protein	*Arabidopsis thaliana*	72.5	88.1	95.5	1.2	0.1	0.9	0.2
1911	**107b12**	AV386733	CM008a10	Putative protein	*Arabidopsis thaliana*	9.5	9.7	10.4	1.0	0.1	0.9	0.3
1912	**017c11**	AV643089	HCL063e08	Putative protein	*Arabidopsis thaliana*	10.7	9.3	11.6	0.9	0.3	0.9	0.5
1913	**020e07**	AV621122	LC031e07	Putative protein	*Arabidopsis thaliana*	36.5	30.4	31.8	0.8	0.1	0.9	0.3
1914	**032c08**	BP093118	MXL003f08	Putative protein	*Arabidopsis thaliana*	52.0	36.3	41.6	0.7	0.1	0.9	0.3
1915	**035c12**	BP096941	MXL067d05	Putative protein	*Arabidopsis thaliana*	26.2	23.4	25.8	0.9	0.1	0.9	0.1
1916	**026h08**	AV628668	LCL045d05	Putative protein	*Arabidopsis thaliana*	12.6	8.4	9.5	0.7	0.1	0.9	0.3
1917	**108g06**	AV387953	CM021f04	Putative protein	*Arabidopsis thaliana*	7.1	6.5	7.1	0.9	0.1	0.9	0.1
1918	**001f05**	AV394084	CL18e03	Putative protein	*Arabidopsis thaliana*	4.9	5.6	6.3	1.2	0.4	0.9	0.2
1919	**028d07**	AV629933	LCL069d03	Putative protein	*Arabidopsis thaliana*	3.3	2.4	3.0	0.8	0.2	0.9	0.5
1920	**111h07**	AV391243	CM052b05	Putative protein	*Arabidopsis thaliana*	23.2	19.6	22.0	0.8	0.1	0.9	0.2
1921	**110e01**	AV389351	CM036b03	Putative protein	*Arabidopsis thaliana*	10.8	11.1	12.8	1.1	0.3	0.9	0.3
1922	**119h08**	AV635606	HC048d10	Putative protein	*Arabidopsis thaliana*	13.6	15.4	17.2	1.1	0.2	0.9	0.1
1923	**126e08**	AV641329	HCL031g02	Putative protein	*Arabidopsis thaliana*	8.6	7.2	8.1	0.9	0.2	0.9	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
1924	**005b05**	AV387323	CM019h02	Putative protein	*Arabidopsis thaliana*	10.8	7.6	8.7	0.7	0.1	0.9	0.1
1925	**133d06**	AV645046	HCL097d07	Putative protein	*Arabidopsis thaliana*	47.4	26.1	31.8	0.6	0.1	0.9	0.2
1926	**144a11**	AV626124	LCL002g04	Putative protein	*Arabidopsis thaliana*	17.9	14.7	17.6	0.8	0.1	0.8	0.1
1927	**107f02**	AV386881	CM011a03	Putative protein	*Arabidopsis thaliana*	19.3	14.6	19.1	0.8	0.1	0.8	0.3
1928	**155d11**	AV631423	LCL093f10	Putative protein	*Arabidopsis thaliana*	31.0	31.1	37.7	1.0	0.2	0.8	0.1
1929	**027f03**	AV629304	LCL056c04	Putative protein	*Arabidopsis thaliana*	14.9	9.6	12.3	0.7	0.1	0.8	0.2
1930	**032b09**	BP093029	MXL002d06	Putative protein	*Arabidopsis thaliana*	19.9	15.5	19.9	0.8	0.1	0.8	0.2
1931	**020d05**	AV621005	LC029h01	Putative protein	*Arabidopsis thaliana*	38.0	30.9	39.0	0.9	0.2	0.8	0.1
1932	**013a04**	AV637783	HC077d11	Putative protein	*Arabidopsis thaliana*	7.5	8.9	11.4	1.2	0.1	0.8	0.0
1933	**127c12**	AV641759	HCL039h02	Putative protein	*Arabidopsis thaliana*	24.1	20.3	26.2	0.8	0.0	0.8	0.2
1934	**110c12**	AV389188	CM035d05	Putative protein	*Arabidopsis thaliana*	8.4	5.6	7.0	0.7	0.1	0.8	0.2
1935	**034e09**	BP095936	MXL049f09	Putative protein	*Arabidopsis thaliana*	12.0	7.9	11.0	0.7	0.1	0.7	0.1
1936	**150g08**	AV629148	LCL053a11	Putative protein	*Arabidopsis thaliana*	15.6	12.1	17.3	0.8	0.1	0.7	0.2
1937	**009f02**	AV392149	CM094f05	Putative protein	*Arabidopsis thaliana*	4.9	4.3	6.0	0.9	0.3	0.7	0.1
1938	**129c09**	AV642787	HCL057h08	Putative protein	*Arabidopsis thaliana*	13.7	11.2	16.8	0.8	0.0	0.7	0.2
1939	**012d10**	AV636863	HC065c08	Putative protein	*Arabidopsis thaliana*	23.2	16.8	28.3	0.7	0.2	0.6	0.2
1940	**022f05**	AV624036	LC072a11	Putative protein	*Caenorhabditis elegans*	59.6	39.2	82.6	0.7	0.0	0.5	0.1
1941	**167d07**	BP096041	MXL051f01	Putative protein	*Arabidopsis thaliana*	21.9	10.3	22.9	0.5	0.1	0.5	0.1
1942	**016d08**	AV642144	HCL046c12	Putative protein (fragment)	*Arabidopsis thaliana*	3.5	7.7	7.1	2.2	0.8	1.1	0.3
1943	**135g03**	AV620200	LC018h09	Putative protein including conserved glyoxalase domain	*Arabidopsis thaliana*	7.4	41.7	32.3	5.8	1.4	1.3	0.3
1944	**022g04**	AV624187	LC074b07	Putative protein including conserved glyoxalase domain	*Arabidopsis thaliana*	23.1	80.4	68.2	3.7	1.0	1.2	0.4
1945	**031a08**	BP086443	MX008h12	Putative protein involved in starch metabolism	*Arabidopsis thaliana*	22.9	20.7	17.0	0.9	0.2	1.2	0.1
1946	**015c07**	AV640968	HCL025e06	Putative protein kinase	*Arabidopsis thaliana*	49.9	39.8	33.3	0.8	0.2	1.2	0.3
1947	**033e07**	BP094488	MXL023h03	Putative protein phosphatase 2C	*Arabidopsis thaliana*	38.2	27.8	49.6	0.7	0.0	0.7	0.4
1948	**118h08**	AV634407	HC033a03	Putative protein sorting-associated protein	*Arabidopsis thaliana*	7.5	6.0	7.2	0.8	0.1	0.8	0.1
1949	**031h08**	BP087481	MX035d11	Putative protein transport protein SEC13	*Arabidopsis thaliana*	16.8	14.8	15.4	0.9	0.3	1.0	0.2
1950	**026h11**	AV628696	LCL045g08	Putative protein transport protein SEC61 alpha subunit	*Arabidopsis thaliana*	30.3	21.0	22.8	0.7	0.2	0.9	0.2
1951	**126a07**	AV640965	HCL025e01	Putative proton pump	*Arabidopsis thaliana*	17.2	16.3	19.1	1.0	0.1	0.9	0.2
1952	**140g12**	AV624098	LC072h09	Putative PRP19-like spliceosomal protein	*Arabidopsis thaliana*	11.1	9.4	9.1	0.9	0.1	1.0	0.1
1953	**171f03**	BP098003	MXL085b03	Putative PRP19-like spliceosomal protein	*Arabidopsis thaliana*	24.0	16.5	21.9	0.7	0.1	0.8	0.3
1954	**170f07**	BP097529	MXL077d02	Putative PRP19-like spliceosomal protein	*Arabidopsis thaliana*	28.6	19.1	25.8	0.7	0.1	0.8	0.2
1955	**152b04**	AV629807	LCL066e04	Putative P-type ATPase	*Arabidopsis thaliana*	7.7	6.9	7.6	0.9	0.1	0.9	0.2
1956	**171e11**	BP097984	MXL084f10	Putative pyrophosphate--fructose-6-phosphate 1-phosphotransferase	*Arabidopsis thaliana*	12.6	12.5	11.2	1.0	0.1	1.1	0.2
1957	**035g10**	BP097424	MXL075e02	Putative pyrophosphate--fructose-6-phosphate 1-phosphotransferase	*Arabidopsis thaliana*	19.9	22.5	23.7	1.1	0.2	0.9	0.0
1958	**132g04**	AV644813	HCL094b07	Putative pyruvate dehydrogenase E1 beta subunit	*Arabidopsis thaliana*	29.2	28.0	26.2	1.0	0.0	1.1	0.2
1959	**151b08**	AV629368	LCL057e05	Putative pyruvate kinase	*Arabidopsis thaliana*	17.8	13.6	11.7	0.8	0.1	1.2	0.3
1960	**128b07**	AV642208	HCL047d10	Putative pyruvate kinase	*Arabidopsis thaliana*	16.3	14.1	13.1	0.9	0.1	1.1	0.2
1961	**022b05**	AV623474	LC064c08	Putative R53.5-related PROTEIN	*Mus musculus*	11.7	22.6	17.5	2.0	0.5	1.3	0.1
1962	**151e12**	AV629583	LCL061d12	Putative RAD51C-like DNA repair protein	*Arabidopsis thaliana*	9.0	8.0	8.0	0.9	0.3	1.1	0.5
1963	**025b08**	AV627143	LCL021g08	Putative regulator	*Escherichia coli*	6.0	4.8	5.6	0.8	0.3	0.9	0.2
1964	**016c12**	AV642033	HCL044c05	Putative riboflavin synthase	*Arabidopsis thaliana*	29.6	19.3	21.2	0.7	0.2	0.9	0.4
1965	**163b12**	BP098872	MXL100e08	Putative ribose 5-phosphate isomerase	*Arabidopsis thaliana*	44.9	31.4	23.1	0.7	0.3	1.9	1.6
1966	**001a05**	AV397609	CL02b08	Putative ribosomal protein	*Arabidopsis thaliana*	128.1	141.5	78.8	1.1	0.1	2.0	1.1
1967	**004h03**	AV387379	CM014g08	Putative ribosomal protein L10	*Arabidopsis thaliana*	117.5	132.1	120.3	1.2	0.4	1.2	0.3
1968	**002d08**	AV395204	CL39g08	Putative ribosomal protein L35	*Arabidopsis thaliana*	126.8	126.1	99.3	1.0	0.2	1.3	0.4
1969	**004b09**	AV386644	CM004b07	Putative ribosomal protein L7	*Arabidopsis thaliana*	147.9	163.3	131.7	1.1	0.1	1.3	0.4
1970	**010e03**	AV632851	HC013d11	Putative ribosomal protein S10	*Arabidopsis thaliana*	66.2	66.2	55.8	1.0	0.2	1.2	0.2
1971	**010a05**	AV632106	HC004a05	Putative RNA binding protein	*Arabidopsis thaliana*	26.0	43.9	33.1	1.7	0.1	1.3	0.1
1972	**034e01**	BP095814	MXL047g12	Putative RNA helicase	*Arabidopsis thaliana*	12.3	10.9	9.4	0.9	0.2	1.5	0.9
1973	**036d01**	BP098088	MXL086g11	Putative RNA helicase	*Arabidopsis thaliana*	42.9	28.6	38.2	0.7	0.1	1.2	0.9
1974	**114d09**	AV389693	CM076f12	Putative RNA helicase	*Arabidopsis thaliana*	32.7	20.0	26.8	0.6	0.1	0.8	0.2
1975	**004g08**	AV387081	CM013g10	Putative RNA polymerase II subunit Rpb10	*Arabidopsis thaliana*	9.2	8.1	6.7	1.0	0.2	1.2	0.3
1976	**161g05**	BP093311	MXL006e11	Putative RNA-binding protein	*Arabidopsis thaliana*	67.8	61.7	49.4	1.0	0.3	1.3	0.1
1977	**164f10**	BP094873	MXL031d11	Putative Sec24-like COPII protein	*Arabidopsis thaliana*	15.9	12.2	14.4	0.8	0.1	0.9	0.2
1978	**011b01**	AV634253	HC031a10	Putative SecA-type chloroplast proteintransport factor	*Arabidopsis thaliana*	9.4	10.9	9.9	1.2	0.2	1.1	0.2
1979	**125c01**	AV640499	HCL017d02	Putative secreted protein	*Streptomyces coelicolorA3(2)*	14.5	15.2	12.7	1.0	0.1	1.2	0.3
1980	**005e11**	AV639808	HCL005c12	Putative Ser/Thr kinase	*Arabidopsis thaliana*	36.2	24.7	35.8	0.7	0.2	0.8	0.4
1981	**017a04**	AV642760	HCL057d06	Putative serine carboxypeptidase I	*Arabidopsis thaliana*	6.6	15.5	12.5	2.4	0.5	1.3	0.3
1982	**012h10**	AV637690	HC076c09	Putative serine protease-like protein	*Arabidopsis thaliana*	8.5	9.5	9.9	1.1	0.2	1.0	0.3
1983	**028g02**	AV630227	LCL075g02	Putative serine/threonine kinase	*Feldmannia sp. virus*	20.9	15.2	12.9	0.7	0.1	1.2	0.3
1984	**017e11**	AV643363	HCL068d04	Putative serine/threonine kinase	*Colletotrichumlindemuthianum*	7.0	7.5	8.4	1.1	0.5	0.9	0.4
1985	**030h06**	BP086246	MX004h09	Putative serine/threonin-protein kinase PSK-C3	*Chlamydomonas reinhardtii*	19.3	22.5	18.2	1.2	0.1	1.2	0.1
1986	**107e11**	AV386977	CM010h06	Putative small nuclear ribonucleoprotein	*Arabidopsis thaliana*	13.5	15.4	14.2	1.3	0.7	1.2	0.6
1987	**022c10**	AV623696	LC067d08	Putative small nuclear ribonucleoprotein E	*Arabidopsis thaliana*	19.9	13.3	19.9	0.7	0.2	0.7	0.2
1988	**156c08**	AV631806	LCL100b05	Putative small nuclear ribonucleoprotein polypeptide F	*Arabidopsis thaliana*	17.7	17.7	18.8	1.0	0.2	0.9	0.1
1989	**142e02**	AV625186	LC089a07	Putative small nuclear ribonucleoprotein Sm-D1	*Arabidopsis thaliana*	19.7	12.0	12.0	0.6	0.3	1.1	0.6
1990	**017c03**	AV643016	HCL062c06	Putative SNF2 subfamily transcriptional activator	*Arabidopsis thaliana*	1.7	1.9	1.3	1.2	0.5	1.6	0.7
1991	**129g07**	AV643016	HCL062c06	Putative SNF2 subfamily transcriptional activator	*Arabidopsis thaliana*	14.7	12.4	23.3	0.8	0.1	0.6	0.3
1992	**122c10**	AV638085	HC081g03	Putative spliceosome-associated protein	*Arabidopsis thaliana*	17.1	14.1	17.7	0.8	0.1	0.8	0.1
1993	**172c11**	BP098335	MXL091g03	Putative splicing factor	*Oryza sativa*	9.9	10.0	8.0	1.1	0.2	1.3	0.5
1994	**012f05**	AV637116	HC068h10	Putative splicing factor	*Arabidopsis thaliana*	15.4	14.7	13.3	1.0	0.2	1.1	0.2
1995	**170c09**	BP097346	MXL074c01	Putative splicing factor Prp8	*Arabidopsis thaliana*	17.5	18.0	15.4	1.0	0.0	1.2	0.1
1996	**036a11**	BP097741	MXL080f02	Putative splicing factor Prp8	*Arabidopsis thaliana*	17.3	12.8	13.5	0.8	0.2	0.9	0.1
1997	**025e12**	AV627573	LCL028g08	Putative steroid binding protein	*Arabidopsis thaliana*	8.4	7.7	7.7	0.9	0.1	1.0	0.1
1998	**140d11**	AV623834	LC069c10	Putative synaptobrevin	*Arabidopsis thaliana*	17.3	28.6	24.2	1.7	0.3	1.2	0.2
1999	**026a07**	AV628019	LCL035e02	Putative thioredoxin reductase	*Arabidopsis thaliana*	12.8	25.6	20.7	2.0	0.4	1.2	0.1
2000	**146g02**	AV627209	LCL022g03	Putative thylakoid lumen rotamase	*Arabidopsis thaliana*	87.8	77.4	57.6	0.9	0.1	1.4	0.7
2001	**163b06**	BP094098	MXL018b07	Putative toalien-like protein	*Oryza sativa*	11.8	12.0	8.2	1.0	0.2	1.7	0.7
2002	**005f08**	AV387660	CM027e09	Putative transcription factor-like protein	*Arabidopsis thaliana*	9.5	8.5	11.4	0.9	0.2	0.7	0.2
2003	**135c12**	AV619775	LC014d08	Putative translation initiation factor	*Arabidopsis thaliana*	75.7	95.3	61.0	1.3	0.1	1.6	0.1
2004	**147a02**	AV627332	LCL025b09	Putative translation initiation factor	*Arabidopsis thaliana*	30.4	19.4	14.1	0.6	0.1	1.4	0.1
2005	**018b12**	AV644290	HCL085f04	Putative translation initiation factor eIF-2B alphasubunit	*Arabidopsis thaliana*	9.0	5.0	4.9	0.6	0.2	1.2	0.6
2006	**029b12**	BP383845	LCL082f12	Putative transportin	*Arabidopsis thaliana*	15.0	11.2	13.8	0.8	0.2	1.0	0.5
2007	**124c01**	AV640057	HCL009e09	Putative trehalose-6-phosphate synthase homolog	*Arabidopsis thaliana*	18.7	15.4	21.2	0.8	0.1	0.8	0.2
2008	**029f11**	AV631015	LCL087f07	Putative triosephosphate isomerase	*Arabidopsis thaliana*	27.9	19.6	13.6	0.7	0.1	1.6	0.9
2009	**035b07**	BP096662	MXL062f04	Putative tropinone reductase	*Arabidopsis thaliana*	9.5	15.9	10.8	1.7	0.2	1.5	0.2
2010	**158f01**	BP087669	MX041a06	Putative tyrosine phosphatase	*Oryza sativa*	28.4	53.9	37.6	2.0	0.7	1.5	0.3
2011	**019h09**	AV620492	LC022h05	Putative tyrosine phosphatase	*Oryza sativa*	29.4	51.2	42.4	1.8	0.4	1.3	0.2
2012	**128c11**	AV642297	HCL049b11	Putative U3 small nucleolarribonucleoprotein protein	*Arabidopsis thaliana*	16.2	11.8	19.2	0.7	0.1	0.6	0.1
2013	**120f02**	AV636171	HC056a11	Putative U5 small nuclear ribonucleoprotein, an RNAhelicase	*Arabidopsis thaliana*	10.5	11.7	10.4	1.2	0.2	1.2	0.2
2014	**009b04**	AV390396	CM084a02	Putative ubiqinone reductase	*Arabidopsis thaliana*	4.0	5.8	4.7	1.5	0.5	1.2	0.4
2015	**148h12**	AV628251	LCL039b05	Putative ubiqinone reductase	*Arabidopsis thaliana*	8.6	9.8	10.1	1.1	0.2	1.0	0.1
2016	**141b02**	AV624304	LC075h01	Putative ubiquinone biosynthesis protein	*Arabidopsis thaliana*	55.9	43.7	35.7	0.8	0.1	1.2	0.2
2017	**030c05**	AV631513	LCL095d04	Putative ubiquitin activating enzyme	*Arabidopsis thaliana*	61.4	46.9	59.5	0.8	0.0	0.8	0.1
2018	**165c06**	BP095140	MXL036e04	Putative ubiquitin carboxyl-terminalhydrolase	*Arabidopsis thaliana*	35.1	37.8	43.7	1.1	0.4	0.9	0.1
2019	**031g04**	BP087313	MX031e12	Putative ubiquitin-likeprotein 8	*Caenorhabditis elegans*	9.2	7.6	7.2	0.8	0.1	1.1	0.1
2020	**142g04**	AV625392	LC091h11	Putative vacuolar ATPase	*Arabidopsis thaliana*	28.2	20.1	25.4	0.7	0.2	0.9	0.3
2021	**166g07**	BP095750	MXL046h02	Putative vacuolar proton-ATPase subunit 1	*Arabidopsis thaliana*	13.9	9.2	21.1	0.7	0.4	0.6	0.5
2022	**129c03**	AV642753	HCL057c02	Putative vacuolar sorting protein 35	*Arabidopsis thaliana*	10.5	10.9	12.4	1.0	0.1	0.9	0.2
2023	**036e11**	BP098389	MXL092f04	Putative vacuolar-type H(+)-ATPase	*Arabidopsis thaliana*	34.8	26.9	45.4	0.8	0.1	0.7	0.3
2024	**034d12**	BP095793	MXL047e05	Putative vacuolar-type H(+)-ATPase	*Arabidopsis thaliana*	19.4	13.9	26.7	0.7	0.0	0.6	0.3
2025	**117e08**	AV632812	HC012h09	Putative vanadate resistance protein	*Arabidopsis thaliana*	101.5	152.1	111.5	1.5	0.2	1.4	0.2
2026	**167a12**	BP095881	MXL048g02	Putative WD-40 repeat protein	*Arabidopsis thaliana*	18.2	13.2	7.2	0.8	0.4	4.4	4.3
2027	**128a12**	AV642161	HCL046f06	Putative YME1 ATP-dependant protease	*Arabidopsis thaliana*	11.8	14.4	13.3	1.2	0.3	1.2	0.5
2028	**010h05**	AV633759	HC024h07	PutativeGTP-binding protein	*Arabidopsis thaliana*	16.7	14.9	16.2	0.9	0.1	0.9	0.2
2029	**138f10**	AV622510	LC050f04	PutativeGTP-binding protein	*Arabidopsis thaliana*	19.6	11.7	13.5	0.6	0.1	0.9	0.2
2030	**154g12**	AV631162	LCL089f11	Pyridine nucleotide-disulphide oxidoreductase-like	*Arabidopsis thaliana*	15.9	31.9	28.7	2.2	0.9	1.1	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
2031	**005g04**	AV388337	CM028g10	Pyrophosphate-dependent phosphofructo-1-kinase	*Prunus armeniaca*	11.9	12.6	11.7	1.2	0.4	1.1	0.3
2032	**129g02**	AV643001	HCL061h11	Pyruvate carboxylase	*Mus musculus*	20.7	18.9	17.2	0.9	0.1	1.1	0.2
2033	**121g08**	AV637523	HC074b08	Pyruvate decarboxylase isozyme 1	*Zea mays*	8.1	6.6	12.9	0.8	0.1	0.5	0.1
2034	**141a11**	AV624259	LC075c01	Pyruvate dehydrogenase E1 alpha subunit	*Arabidopsis thaliana*	58.1	56.8	70.7	1.0	0.1	0.8	0.1
2035	**030d09**	AV631666	LCL097h07	Pyruvate dehydrogenase E1 alpha subunit	*Arabidopsis thaliana*	61.4	53.3	83.0	0.9	0.1	0.6	0.1
2036	**118c03**	AV633627	HC023b08	Pyruvate dehydrogenase E1 beta subunit	*Synechocystis sp. PCC 6803*	18.1	16.2	18.5	0.9	0.2	0.9	0.3
2037	**012d09**	AV636845	HC065a05	Pyruvate dehydrogenase E1 beta subunit isoform 1	*Zea mays*	24.5	21.5	27.1	0.9	0.1	0.8	0.2
2038	**008e01**	AV387740	CM069g05	Pyruvate dehydrogenase kinase	*Arabidopsis thaliana*	11.0	12.9	10.9	1.2	0.2	1.2	0.4
2039	**023e05**	AV625163	LC088f11	Pyruvate dehydrogenase kinase isoform 2; PDK2	*Zea mays*	21.4	18.1	20.3	0.8	0.1	1.0	0.4
2040	**165a09**	BP095038	MXL034g11	Pyruvate formate-lyase		81.8	131.0	20.6	1.6	0.2	9.8	8.2
2041	**130h12**	AV643769	HCL075f09	Pyruvate formate-lyase	*Zymomonas mobilis*	77.3	95.8	24.8	1.4	0.4	3.9	0.6
2042	**001d04**	AV393788	CL11h03	Pyruvate formate-lyase	*Thermosynechococcus elongatus BP-*	34.4	48.3	12.9	1.6	0.6	3.9	1.1
2043	**164e03**	BP094763	MXL029a06	Pyruvate formate-lyase		102.8	105.5	28.8	1.3	0.5	3.7	1.1
2044	**154a04**	AV630757	LCL083h04	Pyruvate formate-lyase		77.5	87.7	25.3	1.2	0.3	3.6	1.0
2045	**171h10**	BP098163	MXL088e04	Pyruvate kinase	*Escherichia coli*	7.5	5.8	7.2	0.7	0.2	0.9	0.8
2046	**167d05**	BP096030	MXL051c11	Pyruvate kinase	*Escherichia coli*	16.2	10.7	13.6	0.7	0.1	0.8	0.3
2047	**126b04**	AV641046	HCL026g05	Pyruvate kinase, cytosolic isozyme	*Arabidopsis thaliana*	19.9	12.8	12.7	0.6	0.1	1.0	0.1
2048	**015g12**	AV641441	HCL033f08	Pyruvate kinase, cytosolic isozyme	*Glycine max*	2.2	1.5	1.9	0.7	0.1	0.8	0.3
2049	**125d05**	AV640606	HCL019a12	Pyruvatekinase	*Eimeria tenella*	7.8	5.7	5.9	0.8	0.2	1.0	0.3
2050	**142f04**	AV625335	LC091a11	QM family protein	*Solanum melongena*	11.6	13.5	11.2	1.1	0.4	1.2	0.5
2051	**143f11**	AV625893	LC099e03	QM homolog	*Drosophila melanogaster*	169.2	143.9	137.0	0.9	0.0	1.1	0.4
2052	**031a05**	BP086375	MX007e04	Quinolinate synthetase, B protein	*Escherichia coli*	44.0	23.5	62.1	0.6	0.1	0.4	0.1
2053	**034d04**	BP095696	MXL046a01	Quinol-to-oxygen oxidoreductase	*Chlamydomonas reinhardtii*	11.9	11.9	11.5	0.9	0.4	1.2	0.9
2054	**121h08**	AV637679	HC076b06	RAB, member of RAS oncogenefamily-like 2B	*Homo sapiens*	26.4	34.3	23.0	1.3	0.1	1.5	0.1
2055	**011c01**	AV634486	HC034a05	RAB5A	*Lotus japonicus*	8.2	17.8	17.9	2.2	0.5	1.0	0.1
2056	**115f05**	AV391240	CM089g12	rADP-ribosylation factor-like 2	*Homo sapiens*	4.6	6.7	5.2	1.5	0.4	1.3	0.3
2057	**022a10**	AV623354	LC062e07	Ran binding protein 1 homolog	*Arabidopsis thaliana*	75.4	35.4	34.7	0.4	0.1	1.0	0.3
2058	**012e04**	AV636972	HC066h06	rap55	*Pleurodeles waltl*	10.6	13.2	12.1	1.2	0.2	1.1	0.2
2059	**033g06**	BP094887	MXL031f12	RecA	*Rhodothermus marinus*	16.9	19.6	11.7	1.2	0.2	1.7	0.5
2060	**002c03**	AV394936	CL34h07	Recombinase (FLP)	*Saccharomyces cerevisiae*	4.7	5.7	4.9	1.3	0.2	1.1	0.2
2061	**034h11**	BP096452	MXL059a02	Regulatory protein of P-starvationacclimation response Psr1	*Chlamydomonas reinhardtii*	6.4	6.2	7.3	1.0	0.1	1.0	0.7
2062	**034b09**	BP095393	MXL041b07	Regulatory subunit of cAMP-dependent proteinkinase	*Chlamydomonas reinhardtii*	14.2	11.5	9.7	0.8	0.1	1.2	0.3
2063	**126b09**	AV641069	HCL027b12	Repetitive protein antigen 69/70	*Trypanosoma cruzi*	20.4	16.8	23.0	0.8	0.1	0.8	0.3
2064	**149e03**	AV628513	LCL043a10	Replication factorC, 37-kDa subunit	*Arabidopsis thaliana*	10.3	17.2	10.9	1.6	0.2	1.6	0.4
2065	**020e06**	AV621121	LC031e06	Required for cell differentiation homolog	*Arabidopsis thaliana*	7.5	7.2	7.2	1.0	0.2	1.0	0.2
2066	**120e02**	AV636056	HC054f06	RER1B protein	*Arabidopsis thaliana*	7.4	6.6	6.4	0.9	0.3	1.1	0.4
2067	**030e12**	BP383848	LCL099g07	Response regulator	*Thermotoga maritima*	10.3	7.8	12.0	0.9	0.7	0.7	0.3
2068	**155e08**	AV631463	LCL094e04	Retinoblastoma-related protein 2b	*Zea mays*	12.0	10.6	13.8	0.9	0.2	0.8	0.2
2069	**025e10**	AV627536	LCL028b09	Reverse transcriptase	*Chlorella vulgaris*	18.7	24.6	17.4	1.4	0.4	1.4	0.1
2070	**021d08**	AV622343	LC048d07	Reversibly glycosylated polypeptide-1	*Oryza sativa*	64.4	53.6	59.4	0.8	0.0	0.9	0.1
2071	**014a06**	AV639689	HCL003b05	RF2	*Zea mays*	15.3	19.2	13.1	1.6	0.9	1.5	0.3
2072	**015c10**	AV640978	HCL025f07	Rh antigen-like protein	*Geodia cydonium*	5.6	3.6	5.0	0.6	0.1	0.8	0.2
2073	**107e07**	AV386953	CM010d12	Ribonuclease II	*Synechocystis sp. PCC 6803*	20.8	11.9	21.2	0.6	0.1	0.6	0.2
2074	**036f08**	BP098522	MXL094f04	Ribonucleoside-diphosphate reductase large subunit	*Oryza sativa*	14.4	15.3	14.0	1.1	0.2	1.1	0.6
2075	**167f05**	BP096135	MXL053c11	Ribonucleoside-diphosphate reductase large subunit	*Arabidopsis thaliana*	14.8	15.2	15.6	1.0	0.5	1.0	0.7
2076	**036e07**	BP098333	MXL091f12	Ribonucleotide reductase	*Nicotiana tabacum*	15.3	16.6	13.6	1.1	0.0	1.3	0.6
2077	**019g03**	AV620227	LC019c07	Ribonucleotide reductase	*Nicotiana tabacum*	10.6	11.2	10.9	1.1	0.2	1.0	0.3
2078	**164a11**	BP094629	MXL026a03	Ribonucleotide reductase small subunit	*Glycine max*	13.0	17.5	12.0	1.5	0.3	2.1	1.1
2079	**019e04**	AV619974	LC015g05	Ribose-5-phosphate isomerase	*Arabidopsis thaliana*	60.6	32.6	31.6	0.5	0.2	1.1	0.6
2080	**010b06**	AV632277	HC006b11	Ribosomal protein	*Mus musculus*	108.8	117.5	110.2	1.1	0.1	1.1	0.3
2081	**116f07**	AV392810	CM100h11	Ribosomal protein	*Arabidopsis thaliana*	229.6	213.5	263.5	0.9	0.1	0.8	0.1
2082	**012a06**	AV635869	HC052a07	Ribosomal protein 30S subunit	*Spinacia oleracea*	60.1	63.2	26.7	1.1	0.2	2.8	1.6
2083	**121d03**	AV637099	HC068f09	Ribosomal protein I	*Ceratopteris richardii*	14.9	10.6	12.3	0.7	0.2	0.9	0.2
2084	**018f12**	AV619044	LC003a06	Ribosomal protein L11 homolog	*Arabidopsis thaliana*	4.0	3.9	4.3	1.0	0.1	0.9	0.5
2085	**101a05**	AV393340	CL01d02	Ribosomal protein L12	*Prunus armeniaca*	38.8	50.5	50.6	1.4	0.3	1.0	0.2
2086	**010h06**	AV633765	HC025a01	Ribosomal protein L12	*Guillardia theta*	153.9	53.0	80.9	0.3	0.2	0.7	0.4
2087	**001h07**	AV394617	CL26e09	Ribosomal protein L13a like protein	*Arabidopsis thaliana*	54.7	61.2	58.6	1.1	0.1	1.1	0.3
2088	**002c12**	AV395149	CL36f08	Ribosomal protein L17	*Zea mays*	64.7	54.9	45.1	0.8	0.0	1.2	0.3
2089	**110h10**	AV389965	CM041b05	Ribosomal protein L18a	*Arabidopsis thaliana*	29.3	34.6	31.6	1.2	0.1	1.1	0.1
2090	**158g04**	BP087692	MX041f05	Ribosomal protein L18a, cytosolic	*Arabidopsis thaliana*	84.9	82.6	80.2	1.0	0.1	1.0	0.1
2091	**006a05**	AV388850	CM033b07	Ribosomal protein L24	*Nicotiana tabacum*	65.3	48.9	45.4	0.7	0.3	1.1	0.6
2092	**013e08**	AV638849	HC091f04	Ribosomal protein L24	*Nicotiana tabacum*	51.8	33.0	44.4	0.6	0.2	0.8	0.4
2093	**004h02**	AV387402	CM014e04	Ribosomal protein L26	*Zea mays*	71.5	94.2	62.7	1.3	0.5	1.6	0.8
2094	**122b11**	AV637940	HC079f07	Ribosomal protein L27a	*Petunia x hybrida*	118.7	119.0	86.9	1.0	0.2	1.7	1.0
2095	**014f08**	AV640287	HCL013g04	Ribosomal protein L27a	*Arabidopsis thaliana*	94.6	73.6	70.5	0.8	0.1	1.2	0.5
2096	**003b01**	AV396161	CL54g06	Ribosomal protein L30	*Lupinus luteus*	95.9	138.3	131.9	1.5	0.2	1.1	0.2
2097	**032e01**	BP093341	MXL007b03	Ribosomal protein L32	*Spodoptera frugiperda*	113.4	130.1	68.1	1.1	0.3	1.9	0.8
2098	**161g12**	BP093351	MXL007c03	Ribosomal protein L32	*Spodoptera frugiperda*	50.5	39.5	52.2	0.8	0.2	0.8	0.1
2099	**032a08**	BP087709	MX041h08	Ribosomal protein L33	*Cyanophora paradoxa*	81.9	52.2	42.2	0.6	0.2	1.2	0.7
2100	**142g10**	AV625442	LC092f07	Ribosomal protein L33	*Haemophilus influenzae Rd*	9.8	9.2	8.2	1.0	0.2	1.1	0.2
2101	**003a09**	AV395968	CL53f01	Ribosomal protein L34 homolog	*Pisum sativum*	43.0	56.6	38.2	1.4	0.4	1.5	0.1
2102	**003d03**	AV396378	CL60d05	Ribosomal protein L41	*Chlamydomonas reinhardtii*	71.2	94.2	74.0	1.5	0.5	1.3	0.2
2103	**119g06**	BP383703	HC045d09	Ribosomal protein L5	*Myxine glutinosa*	143.7	121.7	125.3	0.8	0.1	1.1	0.4
2104	**001b11**	AV393630	CL06g06	Ribosomal protein L7a	*Oryza sativa*	70.9	89.2	76.4	1.5	0.8	1.2	0.2
2105	**108e05**	AV397438	CM020a09	Ribosomal protein L8	*Homo sapiens*	8.1	8.0	7.9	1.0	0.2	1.1	0.3
2106	**157d03**	BP086833	MX017h10	Ribosomal protein S10, cytosolic	*Arabidopsis thaliana*	41.1	59.8	46.4	1.5	0.4	1.5	0.6
2107	**118f03**	BP383694	HC027f04	Ribosomal protein S12	*Hordeum vulgare*	61.5	55.3	37.7	0.9	0.0	1.5	0.8
2108	**106g06**	AV386586	CM003b08	Ribosomal protein S12	*Aquifex aeolicus*	9.4	8.7	7.3	0.9	0.2	1.2	0.2
2109	**026c07**	AV628241	LCL039a06	Ribosomal protein S14	*Chlamydomonas reinhardtii*	164.6	184.0	124.4	1.1	0.0	1.6	0.8
2110	**010b10**	AV632338	HC006h09	Ribosomal protein S16	*Solanum tuberosum*	79.4	82.7	77.6	1.0	0.5	1.0	0.6
2111	**107g06**	AV387120	CM012e12	Ribosomal protein S16	*Tortula ruralis*	64.1	79.3	94.5	1.2	0.2	0.9	0.3
2112	**003h07**	AV397327	CL80b07	Ribosomal protein S19	*Solanum tuberosum*	47.7	41.1	36.7	1.0	0.3	1.1	0.4
2113	**133b03**	BP383765	HCL096b06	Ribosomal protein S2	*Bos taurus*	289.3	345.6	349.0	1.2	0.2	1.1	0.3
2114	**117f03**	AV632865	HC013f08	Ribosomal protein S2	*Rattus norvegicus*	144.9	143.9	154.7	1.0	0.2	0.9	0.1
2115	**002d07**	AV395206	CL39e07	Ribosomal protein S2	*Drosophila melanogaster*	205.3	208.0	240.1	1.0	0.0	0.9	0.2
2116	**133c06**	AV644994	HCL096g02	Ribosomal protein S25	*Spodoptera frugiperda*	222.1	292.0	203.4	1.5	0.5	1.6	0.6
2117	**159d08**	BP087787	MX043f05	Ribosomal protein S26	*Pisum sativum*	196.7	237.4	136.9	1.3	0.2	1.8	0.9
2118	**003f06**	AV396845	CL70f02	Ribosomal protein S26, cytosolic	*garden pea*	98.6	120.0	87.1	1.3	0.2	1.4	0.4
2119	**104h12**	AV396123	CL56a12	Ribosomal protein S26, cytosolic	*Pisum sativum*	16.8	11.3	15.0	0.9	0.7	0.7	0.3
2120	**141a08**	AV624245	LC075a05	Ribosomal protein S27	*Arabidopsis thaliana*	23.0	23.2	18.7	1.1	0.3	1.3	0.2
2121	**001c12**	BP383774	HCL097h07	Ribosomal protein S27, cytosolic	*Chlamydomonas reinhardtii*	63.2	65.0	41.8	1.0	0.1	1.7	1.1
2122	**101c09**	AV393393	CL04e04	Ribosomal protein S30 homolog	*Arabidopsis thaliana*	56.7	54.1	30.9	0.9	0.2	1.8	0.2
2123	**004g06**	AV387090	CM013f12	Ribosomal protein S3a	*Madagascar periwinkle*	191.3	206.5	141.2	1.1	0.3	1.5	0.2
2124	**121h11**	AV637699	HC076d06	Ribosomal protein S4	*Homo sapiens*	133.4	131.7	105.9	1.0	0.1	1.2	0.5
2125	**121b09**	AV636906	HC065h06	Ribosomal protein S4 homolog	*Schizosaccharomyces pombe*	253.4	302.0	201.0	1.2	0.1	1.5	0.3
2126	**009f05**	AV392211	CM096a08	Ribosomal protein S4 homolog	*Schizosaccharomyces pombe*	192.4	234.8	199.8	1.2	0.1	1.2	0.1
2127	**131a04**	AV643800	HCL076c08	Ribosomal protein S6	*Arabidopsis thaliana*	80.9	90.4	79.9	1.1	0.1	1.3	0.6
2128	**004e05**	AV397703	CM009h05	Ribosomal protein S6 RPS6-1	*Zea mays*	68.2	83.8	68.4	1.3	0.3	1.3	0.4
2129	**134e12**	AV619400	LC007h03	Ribosomal protein S7	*Secale cereale*	175.4	195.8	110.6	1.1	0.1	1.9	0.7
2130	**160f09**	BP089144	MX201e11	Ribosomal protein S7	*Secale cereale*	197.2	260.4	152.9	1.3	0.2	1.8	1.0
2131	**001g06**	AV394402	CL21h08	Ribosomal protein S8	*Zea mays*	129.8	123.8	78.8	1.0	0.1	1.8	1.2
2132	**019f10**	AV620142	LC018b05	Ribosome recycling factor	*Thermoanaerobacter tengcongensis*	12.5	8.3	8.1	0.7	0.3	1.0	0.3
2133	**005c03**	AV387914	CM021a08	Ribosome-associated protein p40	*Glycine max*	97.4	130.8	102.9	1.5	0.4	1.4	0.3
2134	**119e05**	AV397616	HC041f02	Ribulose bisphosphate carboxylase	*Chlamydomonas reinhardtii*	573.1	569.9	504.1	1.0	0.1	1.2	0.4
2135	**035d09**	BP097019	MXL068g08	Ribulose bisphosphate carboxylase	*Chlamydomonas reinhardtii*	1231.1	977.7	930.9	0.8	0.1	1.1	0.1
2136	**126c08**	AV641154	HCL028f10	Ribulose bisphosphate carboxylase alpha subunit	*Chlamydomonas reinhardtii*	40.0	15.9	17.9	0.4	0.1	0.9	0.4
2137	**158g05**	BP087694	MX041f07	Ribulose bisphosphate carboxylase small chain 2	*Chlamydomonas reinhardtii*	1585.1	1444.2	1208.5	0.9	0.3	1.2	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
2138	**134e04**	AV619342	LC007a02	Ribulose bisphosphate carboxylase small chain 2	*Chlamydomonas reinhardtii*	1377.5	1242.8	1055.2	0.9	0.1	1.2	0.1
2139	**104f03**	AV395914	CL51f05	Ribulose bisphosphate carboxylase small chain 2	*Chlamydomonas reinhardtii*	214.7	190.8	170.0	0.9	0.4	1.1	0.3
2140	**019g07**	AV620263	LC019g07	Ribulose1,5-bisphosphate carboxylase/oxygenase activase	*Chlamydomonas reinhardtii*	39.4	65.0	70.2	1.7	0.3	1.0	0.4
2141	**012b06**	AV636208	HC056e06	Ribulose-5-phosphate-3-epimerase	*Oryza sativa*	55.9	23.4	35.0	0.4	0.0	0.7	0.3
2142	**034g11**	BP096272	MXL055g08	Ribulosebisphosphatecarboxylase	*Chlamydomonas reinhardtii*	1836.6	1576.4	1568.4	0.9	0.1	1.0	0.2
2143	**140a07**	AV623557	LC065f03	Ripening-associated protein	*Lycopersicon esculentum*	16.2	10.6	9.0	0.6	0.1	1.2	0.4
2144	**104g01**	AV395981	CL53b07	RNA helicase	*Arabidopsis thaliana*	10.3	13.5	9.1	1.3	0.1	1.5	0.3
2145	**151f02**	AV629593	LCL061f02	RNA helicase	*Homo sapiens*	13.3	11.9	10.0	0.9	0.2	1.2	0.4
2146	**108h09**	AV387885	CM022g11	RNA helicase	*Mus musculus*	25.5	13.4	14.4	0.7	0.3	1.0	0.3
2147	**104h09**	AV396055	CL55e06	RNA helicase	*Spinacia oleracea*	12.6	11.4	12.1	0.9	0.2	1.0	0.3
2148	**017h10**	AV643995	HCL079g11	RNA helicase	*Arabidopsis thaliana*	25.5	15.4	20.3	0.6	0.2	0.8	0.5
2149	**012f10**	AV637263	HC070g11	RNA helicase	*Arabidopsis thaliana*	151.6	68.1	110.8	0.5	0.2	0.6	0.3
2150	**019e12**	AV620041	LC016g07	RNA helicase isolog	*Arabidopsis thaliana*	4.7	7.2	4.9	1.6	0.4	1.5	0.5
2151	**017a01**	AV642731	HCL056h06	RNA helicase isolog	*Arabidopsis thaliana*	10.4	16.7	11.7	1.6	0.3	1.4	0.2
2152	**028c10**	AV629848	LCL067e01	RNA helicase isolog	*Arabidopsis thaliana*	17.6	11.1	17.4	0.6	0.0	0.6	0.1
2153	**024d06**	AV626528	LCL010f06	RNA polymerase II	*Buddleja asiatica*	10.0	9.2	8.6	1.0	0.3	1.1	0.3
2154	**109d07**	AV387541	CM026c11	RNA polymerase II 13.6 kDa subunit	*Arabidopsis thaliana*	7.1	9.3	6.2	1.3	0.2	1.5	0.4
2155	**139f09**	AV623256	LC061b06	RNA polymerase II subunit 9	*Drosophila melanogaster*	5.3	9.5	4.2	1.9	0.8	2.2	0.4
2156	**112f08**	AV392150	CM058g10	RNA polymerase sigma factor	*Synechocystis sp. PCC 6803*	10.2	9.9	9.8	1.0	0.2	1.0	0.1
2157	**115g11**	AV391588	CM092b11	RNA polymerase subunit	*Arabidopsis thaliana*	8.3	6.0	9.3	0.7	0.0	0.7	0.2
2158	**114f11**	AV389777	CM079d12	RNA-binding protein	*Arabidopsis thaliana*	164.4	120.2	139.9	0.7	0.0	0.9	0.1
2159	**106f11**	AV397881	CM002f12	RNA-binding protein-like	*Arabidopsis thaliana*	9.9	19.4	9.7	1.8	0.6	1.9	1.2
2160	**009g04**	AV392298	CM098d09	RNApolymerase I largest subunit	*Schizosaccharomyces pombe*	196.7	110.3	122.9	0.7	0.5	0.9	0.6
2161	**141a12**	AV624289	LC075f07	RNApolymerase II	*Glycine max*	31.9	23.1	19.8	0.7	0.1	1.2	0.2
2162	**132d01**	AV644663	HCL091h05	RNase L inhibitor-like protein	*Arabidopsis thaliana*	54.5	51.9	34.5	1.0	0.1	1.6	0.3
2163	**035h08**	BP097503	MXL076h08	Ro ribonucleoprotein autoantigen	*Caenorhabditis elegans*	25.3	46.3	25.7	1.8	1.3	2.5	2.3
2164	**008c08**	AV393240	CM068f07	Rod protein domain-contained	*Chlamydomonas reinhardtii*	9.1	12.0	7.6	1.4	0.1	1.5	0.6
2165	**114g10**	AV389889	CM081c04	Rod protein domain-contained	*Chlamydomonas reinhardtii*	13.8	15.7	10.8	1.2	0.1	1.5	0.5
2166	**015f06**	AV641272	HCL030h01	root hair defective 3	*Arabidopsis thaliana*	6.9	5.3	5.2	0.9	0.4	0.9	0.2
2167	**151e10**	AV629572	LCL061c01	root hair defective 3	*Arabidopsis thaliana*	35.1	28.1	53.6	0.8	0.3	0.5	0.1
2168	**151c03**	AV629397	LCL058a03	ROP-1 ribonucleoprotein RO autoantigen	*Caenorhabditis elegans*	15.1	37.8	8.3	2.5	2.2	4.8	4.2
2169	**025d09**	AV627334	LCL025b11	ROP-1 ribonucleoprotein RO autoantigen	*Caenorhabditis elegans*	21.0	40.7	13.2	2.0	1.8	4.0	4.2
2170	**029b01**	AV630590	LCL081b11	ROP-1 ribonucleoprotein RO autoantigen	*Caenorhabditis elegans*	11.8	37.7	12.8	3.1	1.7	3.6	3.2
2171	**007b08**	AV391258	CM052d08	rpS28	*Hordeum vulgare*	24.5	22.7	24.5	0.9	0.1	0.9	0.1
2172	**001g01**	AV394191	CL19h07	RS6/L7A ribosomal protein homolog	*Schizosaccharomyces pombe*	137.3	162.3	89.7	1.2	0.4	1.9	0.7
2173	**003a06**	AV395998	CL53b09	S642a:fluorocitrate complex of aconitase	*Bos taurus*	175.6	196.2	128.8	1.1	0.0	1.7	0.9
2174	**105f01**	AV396759	CL66b03	S-adenosyl-L-homocystein hydrolase; SAH	*Mesembryanthemum crystallinum*	76.6	70.8	55.3	0.9	0.1	1.3	0.3
2175	**007d04**	AV391538	CM055b02	S-adenosyl-L-homocystein hydrolase; SAH	*Mesembryanthemum crystallinum*	101.0	89.1	73.1	0.9	0.2	1.3	0.3
2176	**033d09**	BP094374	MXL022b11	S-adenosyl-L-methionine decarboxylase	*Dendrobium crumenatum*	34.8	16.4	21.3	0.5	0.1	0.8	0.2
2177	**032c02**	BP093058	MXL002g07	S-adenosylmethionin decarboxylase proenzyme		28.3	9.0	12.8	0.3	0.1	0.7	0.1
2178	**110h04**	AV389899	CM040d10	S-adenosylmethionine synthetase	*Chlamydomonas reinhardtii*	183.1	130.5	126.9	0.7	0.1	1.1	0.4
2179	**010e06**	AV632953	HC014g12	S-adenosylmethionine synthetase 1	*Chlamydomonas reinhardtii*	229.5	149.3	161.5	0.7	0.0	1.0	0.2
2180	**123a02**	AV639080	HC094g05	S-adenosylmethionine:2-demethylmenaquinone methyltransferase	*Deinococcus radiodurans*	8.5	7.4	7.6	0.9	0.2	1.0	0.3
2181	**130e04**	AV643523	HCL071b05	SAICAR synthetase	*Arabidopsis thaliana*	6.9	7.9	6.7	1.2	0.5	1.3	0.6
2182	**167a01**	BP095847	MXL048c06	Salivary cellulase	*Reticulitermes speratus*	10.4	16.0	8.6	1.6	0.2	2.3	1.2
2183	**022b11**	AV623507	LC064g11	SAR DNA binding protein, putative	*Arabidopsis thaliana*	128.8	55.5	44.4	0.4	0.3	1.2	0.7
2184	**005d03**	AV387891	CM022f09	SAR DNA binding protein, putative	*Arabidopsis thaliana*	46.0	24.3	17.9	0.5	0.3	1.3	0.5
2185	**016e07**	AV642279	HCL048h06	SAR DNA-binding protein-1	*Pisum sativum*	51.9	20.9	17.2	0.5	0.4	1.2	0.4
2186	**020c04**	AV620859	LC027g07	SecY homolog	*Arabidopsis thaliana*	34.4	16.4	27.0	0.5	0.2	0.6	0.3
2187	**005f03**	AV387597	CM027a08	Sedoheptulose-bisphosphatase	*Chlamydomonas reinhardtii*	63.3	47.8	59.4	0.8	0.2	0.8	0.1
2188	**032a11**	BP087739	MX042f03	Sedoheptulose-bisphosphatase	*Chlamydomonas reinhardtii*	135.0	86.0	109.9	0.6	0.2	0.8	0.3
2189	**119b07**	AV634673	HC036c11	Sedoheptulose-bisphosphatase	*Chlamydomonas reinhardtii*	101.1	69.6	77.6	0.7	0.1	0.9	0.3
2190	**165e02**	BP095209	MXL038a11	Selectin, endothelial cell, ligand	*Mus musculus*	21.2	21.4	24.4	1.0	0.1	0.9	0.1
2191	**025b02**	AV627098	LCL021a12	Selenium-binding liver protein	*Mus musculus*	13.1	18.8	19.8	1.5	0.4	1.0	0.4
2192	**160e11**	BP088749	MX067h05	Semenogelin II precursor	*Macaca mulatta*	22.5	21.3	29.0	0.9	0.1	0.7	0.1
2193	**142b11**	AV624994	LC085e04	Senescence-associated protein (SAG29)	*Arabidopsis thaliana*	7.3	78.8	31.1	10.8	4.8	2.5	1.0
2194	**136f10**	AV620816	LC027c02	Senescence-associated protein sen1	*Arabidopsis thaliana*	8.3	8.4	8.9	1.0	0.2	1.0	0.4
2195	**034e12**	BP095998	MXL050g08	Sensory histidine protein kinase	*Calothrix viguieri*	7.2	8.6	7.2	1.2	0.2	1.2	0.2
2196	**114a03**	AV388708	CM072b07	Ser/Thr protein phosphatase homologous to PP2A	*Malusdomestica*	5.6	8.0	7.6	1.5	0.5	1.1	0.3
2197	**022f03**	AV624023	LC071h06	Serine hydroxymethyltransferase	*Chlamydomonas reinhardtii*	21.4	70.8	75.9	3.3	0.7	1.0	0.3
2198	**159g02**	BP088019	MX049f03	Serine hydroxymethyltransferase	*Chlamydomonas reinhardtii*	29.8	72.3	97.2	2.6	0.9	0.7	0.1
2199	**002d10**	AV395337	CL40d01	Serine protease	*Aquifex aeolicus*	9.9	5.7	9.3	0.6	0.2	0.6	0.1
2200	**008d08**	AV387615	CM069e03	Serine/threonin protein phosphatase PP1 isozyme 2	*Chlamydomonas reinhardtii*	25.2	30.9	30.0	1.2	0.1	1.1	0.4
2201	**146e04**	AV627122	LCL021d11	Serine/threonin protein phosphatase PP2A-1 catalytic subunit	*Acetabularia cliftonii*	25.2	25.2	26.1	1.0	0.3	1.1	0.4
2202	**015e02**	AV641137	HCL028d03	Serine/threonine- and tyrosine-specificprotein kinase	*Mus sp.*	40.0	39.5	48.7	1.0	0.1	0.9	0.2
2203	**001h05**	AV394622	CL26c10	Serine/threonine kinase	*Arabidopsis thaliana*	2.6	3.3	2.1	1.5	0.4	1.5	0.8
2204	**151c06**	AV629410	LCL058c07	Serine/threonine kinase	*Arabidopsis thaliana*	16.3	12.1	18.9	0.7	0.2	0.8	0.4
2205	**027e01**	AV629206	LCL054d05	Serine/threonine kinase AIE1	*Mus musculus*	24.1	24.5	21.4	1.0	0.1	1.5	0.8
2206	**002g11**	AV397741	CL49g08	Serine/threonine protein kinase	*Homo sapiens*	3.7	5.5	5.8	1.4	0.6	0.9	0.5
2207	**029c07**	AV630743	LCL083f04	Serine-glyoxylate aminotransferase	*Methylobacterium extorquens*	6.1	7.1	4.5	1.2	0.1	1.7	0.5
2208	**021c08**	AV622166	LC046a07	Serine-glyoxylate aminotransferase	*Methylobacterium extorquens*	9.3	58.5	51.5	6.3	1.2	1.1	0.1
2209	**143f02**	AV625818	LC098c08	Serine-pyruvate aminotransferase, mitochondrial	*Drosophila melanogaster*	21.7	32.0	27.3	1.5	0.1	1.2	0.2
2210	**141d03**	AV624438	LC077g04	Seryl-tRNA synthetase	*Helianthus annuus*	26.9	18.3	15.4	0.7	0.3	1.4	0.6
2211	**015d03**	AV641072	HCL027c06	Seryl-tRNA synthetase	*Helianthus annuus*	16.0	10.4	8.0	0.7	0.2	1.3	0.1
2212	**102c02**	AV394294	CL20b02	Shaggy kinase homolog	*Zea mays*	19.0	27.6	24.5	1.5	0.2	1.1	0.1
2213	**117a04**	AV632085	HC003g01	Signal recognition particle 14 kD protein	*Oryza sativa*	7.2	7.6	7.7	1.2	0.5	1.0	0.2
2214	**009c12**	AV391065	CM088e07	Signal recognition particle 54 kDa subunit	*Hordeum vulgare*	7.2	6.1	5.9	0.8	0.0	1.0	0.3
2215	**001d10**	AV393918	CL13e01	Signal recognition particle 54kD	*Mus musculus*	5.2	5.1	7.1	1.0	0.1	0.7	0.2
2216	**029g11**	AV631113	LCL089a09	Signal recognition particle receptor-like protein	*Arabidopsis thaliana*	13.4	11.8	12.8	0.9	0.2	0.9	0.1
2217	**020g08**	AV621457	LC036d07	Signal sequence receptor alpha subunit	*Oncorhynchus mykiss*	21.0	15.4	21.1	0.8	0.4	0.9	0.4
2218	**006c03**	AV389546	CM038c03	SIK1P protein-like	*Arabidopsis thaliana*	8.1	11.1	8.6	1.4	0.2	1.3	0.4
2219	**121a08**	AV636685	HC062h01	Similar to ABC transporter (ATP-binding protein)	*Listeria innocua*	8.5	21.5	10.9	2.5	1.5	1.9	1.2
2220	**024h08**	BP383837	LCL017f08	Similar to ABC transportertransmembrane region		12.4	19.2	20.0	1.6	0.4	1.0	0.2
2221	**009e11**	AV392132	CM094e05	Similar to acyl carrier protein, mitochondria		12.5	10.5	12.4	0.9	0.3	0.9	0.2
2222	**116a08**	AV392124	CM094h01	Similar to ADP-ribosylation factor		7.0	6.3	4.5	0.9	0.1	1.4	0.2
2223	**144b12**	AV626172	LCL003f01	Similar to asparaginyl-tRNA synthetases	*Arabidopsis thaliana*	21.6	15.3	16.7	0.7	0.1	0.9	0.1
2224	**162d04**	BP093679	MXL011h11	Similar to ATP-citrate-lyase	*Arabidopsis thaliana*	16.5	16.5	19.2	1.0	0.1	0.8	0.2
2225	**014f12**	AV640333	HCL014d07	Similar to ATP-dependent RNA helicases	*Arabidopsis thaliana*	5.4	5.1	5.8	1.1	0.3	0.9	0.5
2226	**112h05**	AV392376	CM061c08	Similar to Babesia aldo-keto reductase	*Arabidopsis thaliana*	40.3	52.3	65.2	1.3	0.1	0.8	0.2
2227	**010b12**	AV632350	HC007a11	Similar to chloroplast 50S ribosomal protein L31	*Medicago sativa*	73.5	43.3	40.2	0.5	0.2	1.1	0.8
2228	**111h01**	AV391189	CM051e05	Similar to CREB-binding protein homolog	*Arabidopsis thaliana*	50.3	67.7	71.4	1.4	0.2	1.1	0.6
2229	**017d08**	AV643210	HCL065f09	Similar to CREB-binding protein homolog	*Arabidopsis thaliana*	2.7	3.6	3.3	1.3	0.2	1.1	0.2
2230	**036f07**	BP098503	MXL094c12	Similar to human translation initiationfactor 6	*Arabidopsis thaliana*	44.2	31.3	46.3	0.7	0.1	0.8	0.3
2231	**120d05**	AV636002	HC053h06	Similar to ISP42-like protein	*Oryza sativa*	25.3	24.4	29.5	1.0	0.1	0.9	0.3
2232	**011c11**	AV634675	HC036d01	Similar to kinensin-like protein	*Caenorhabditiselegans*	28.7	25.2	25.0	0.9	0.0	1.0	0.1
2233	**029c11**	AV630769	LCL084a11	Similar to loss of heterozygosity	*Homo sapiens*	10.7	13.0	9.2	1.2	0.6	1.5	1.0
2234	**025g07**	AV627808	LCL032c12	Similar to mitochondrial carrier family	*Arabidopsis thaliana*	7.9	8.4	6.9	1.1	0.3	1.3	0.6
2235	**034b03**	BP095264	MXL039a11	Similar to mouse MEM3	*Arabidopsis thaliana*	16.0	13.8	16.5	0.9	0.1	0.8	0.1
2236	**012a04**	AV635814	HC051c11	Similar to Mycobacterium RlpF	*Arabidopsis thaliana*	88.7	69.8	46.1	0.7	0.5	2.0	1.8
2237	**015c11**	AV640979	HCL025f09	Similar to NAD(P) transhydrogenase	*Arabidopsis thaliana*	18.6	21.9	9.6	1.3	0.6	2.4	0.8
2238	**003a08**	AV395987	CL53c12	Similar to nascent polypeptide associated complex alphachain	*Arabidopsis thaliana*	47.9	43.4	27.4	0.9	0.1	1.5	0.4
2239	**155g01**	AV631560	LCL096b08	Similar to nucleoredoxin	*Mus musculus*	5.6	9.3	6.6	1.5	1.3	2.2	2.4
2240	**036a05**	BP097627	MXL078f11	Similar to oxysterol-binding proteins	*Homo sapiens*	39.3	33.9	34.5	0.9	0.2	1.0	0.2
2241	**012d12**	AV636883	HC065f04	Similar to ribosomal protein S13	*Arabidopsis thaliana*	34.3	30.3	27.7	0.9	0.2	1.1	0.1
2242	**130a11**	AV643239	HCL066b08	Similar to RNA recognition motif	*Mus musculus*	45.4	39.3	68.9	0.9	0.1	0.7	0.3
2243	**003b11**	AV396186	CL58a01	Similar to serine/threonine kinase	*Caenorhabditis elegans*	3.5	2.4	2.3	0.7	0.3	1.0	0.1
2244	**170a07**	BP097218	MXL072a04	Similar to squalene monooxygenase	*Arabidopsis thaliana*	19.4	33.6	13.4	1.7	0.5	3.5	2.7

	A	B	C	D	E	F	G	H	I	J	K	L
2245	**170e05**	BP097447	MXL075h06	Similar to squalene monooxygenase	*Arabidopsis thaliana*	19.1	25.1	25.0	1.3	0.1	1.1	0.3
2246	**007f11**	AV392169	CM058h04	Similar to the 20.2kd protein	*Escherichia coli*	14.9	12.6	21.6	0.9	0.2	0.7	0.4
2247	**141b01**	AV624294	LC075g01	Similar to thioredoxin-like protein	*Arabidopsis thaliana*	15.0	14.1	14.5	1.0	0.3	1.0	0.1
2248	**125b06**	AV640449	HCL016e06	Similar to translational activator	*Arabidopsis thaliana*	5.8	5.1	6.9	0.9	0.2	0.7	0.1
2249	**026e05**	AV628380	LCL040h01	Similar to ubiquitin-conjugating enzyme E2-17 KD	*Arabidopsis thaliana*	30.0	24.2	28.0	0.8	0.2	1.0	0.6
2250	**007c12**	AV391459	CM054g03	similarity to AMP-activated protein kinase beta	*Arabidopsis thaliana*	4.3	4.9	4.3	1.2	0.1	1.1	0.1
2251	**030g12**	BP086202	MX003h08	Similarity to ycf37 gene product	*Arabidopsis thaliana*	7.7	10.4	14.3	1.3	0.2	0.7	0.1
2252	**025b01**	AV627093	LCL021a04	SKD1-homolog	*Homo sapiens*	8.8	39.3	20.2	4.3	1.4	1.9	0.6
2253	**031g06**	BP087322	MX031h02	S-locus protein 7	*Brassica rapa*	7.4	8.6	7.7	1.1	0.2	1.1	0.2
2254	**014g06**	AV640427	HCL016b05	Small glutamine-rich tetratricopeptide repeatcontaining protein	*Saccharomyces cerevisiae*	143.9	151.5	92.1	1.1	0.2	1.7	0.5
2255	**026g01**	AV628517	LCL043b04	Small GTP-binding protein ARF	*Brassica rapa*	12.0	8.9	9.9	0.8	0.2	1.0	0.4
2256	**031d06**	BP086855	MX018e10	Small nuclear ribonucleoprotein D2 polypeptide	*Homo sapiens*	18.0	11.7	15.6	0.7	0.1	0.8	0.2
2257	**022b03**	AV623461	LC064b03	Small zinc finger-like protein	*Rattus norvegicus*	27.8	18.0	23.3	0.7	0.1	0.8	0.3
2258	**017g02**	AV643603	HCL072e11	SMAP	*Homo sapiens*	4.2	7.6	4.1	2.0	0.9	1.9	0.7
2259	**172g01**	BP098504	MXL094d01	SmD cross-reacting protein	*Mus musculus*	16.5	11.1	16.3	0.7	0.4	0.9	0.7
2260	**129b10**	BP098746	MXL098d07	Sodium/sulfate symporter	*Bacillus halodurans*	8.4	23.7	21.9	3.4	2.4	1.0	0.2
2261	**034a08**	BP095215	MXL038b10	Sodium/sulfate symporter	*Bacillus halodurans*	6.1	12.2	17.7	2.1	1.7	0.6	0.4
2262	**160b06**	BP088378	MX059a01	Soluble inorganic pyrophosphatase	*Chlamydomonas reinhardtii*	39.7	18.5	19.7	0.5	0.2	1.2	1.0
2263	**022d12**	AV623840	LC069d07	Soluble starch synthase	*Chlamydomonas reinhardtii*	8.1	22.1	31.3	2.7	1.0	0.7	0.2
2264	**123h02**	BP098683	MXL097d01	Soluble starch synthase mRNA	*Chlamydomonas reinhardtii*	24.3	79.1	54.0	3.3	0.8	1.4	0.3
2265	**024g04**	AV626796	LCL015e10	Somatostatin receptor interacting proteinsplice variant a	*Homo sapiens*	7.4	17.0	14.7	2.3	0.6	1.1	0.1
2266	**020e11**	AV621178	LC032c11	Splicing factor SR1D	*Arabidopsis thaliana*	77.9	43.7	72.3	0.6	0.1	0.6	0.1
2267	**028c09**	AV629847	LCL067d09	Splicing factor-like	*Caenorhabditis elegans*	14.3	16.9	10.0	1.2	0.1	1.7	0.3
2268	**031f06**	BP087208	MX028b08	SPP30	*Solanum chacoense*	8.2	8.9	11.4	1.1	0.3	0.8	0.3
2269	**109h07**	AV388647	CM031b01	SPP30	*Solanum chacoense*	528.7	206.1	428.9	0.4	0.1	0.5	0.1
2270	**010d01**	AV632654	HC010h10	Starch branching enzyme IIa	*Hordeum vulgare*	6.4	15.7	16.1	2.4	0.8	1.0	0.2
2271	**025h02**	AV627888	LCL033d07	Starch synthase	*Triticum aestivum*	28.2	23.7	20.9	1.0	0.3	1.1	0.4
2272	**031d10**	BP086883	MX019e04	Starch synthase	*Chlamydomonas reinhardtii*	18.4	18.3	19.7	1.1	0.3	0.9	0.2
2273	**112b09**	BP098648	MXL096h08	Starch synthase I	*Chlamydomonas reinhardtii*	21.3	63.1	50.8	3.0	0.6	1.5	0.9
2274	**011a12**	AV632135	HC004d04	Starch synthase I	*Chlamydomonas reinhardtii*	22.2	70.6	56.1	3.4	1.7	1.4	0.8
2275	**032h11**	BP093807	MXL014a11	Starch synthase isoform SS III	*Vigna unguiculata*	7.5	7.8	10.1	1.0	0.3	0.8	0.4
2276	**017h12**	AV644023	HCL080d07	Ste20-like kinase homolog	*Arabidopsis thaliana*	4.3	3.3	3.1	0.7	0.2	1.2	0.9
2277	**016e09**	AV642299	HCL049c03	Sterol 14-demethylase	*Oryza sativa*	7.2	4.7	6.7	0.7	0.1	0.7	0.2
2278	**004a02**	AV386522	CM001d05	Sterol C-methyltransferase	*Arabidopsis thaliana*	22.2	16.3	16.1	0.8	0.2	1.0	0.1
2279	**021b05**	AV622014	LC043h08	Sterol-C5-desaturase	*Arabidopsis thaliana*	412.9	380.8	271.2	0.9	0.1	1.4	0.4
2280	**143g01**	AV625918	LC099g12	Sterol-C-methyltransferase	*Arabidopsis thaliana*	38.0	46.6	30.4	1.3	0.4	1.7	0.6
2281	**114f09**	AV389612	CM079b09	Sterol-C-methyltransferase	*Arabidopsis thaliana*	19.6	13.2	12.6	0.7	0.1	1.2	0.5
2282	**008g09**	AV389558	CM076d07	Sterol-C-methyltransferase	*Arabidopsis thaliana*	19.0	14.0	19.2	0.8	0.3	0.7	0.2
2283	**113b01**	AV392745	CM063d03	Sti (Stress inducible protein)	*Glycine max*	7.7	9.5	8.0	1.3	0.7	1.3	0.7
2284	**147f05**	AV627615	LCL029e07	STK13	*Homo sapiens*	10.9	15.6	11.5	1.5	0.3	1.4	0.2
2285	**157a10**	BP086567	MX011g01	stress protein	*Arabidopsis thaliana*	10.6	15.0	6.8	1.4	0.8	2.8	2.2
2286	**166c10**	BP095584	MXL044b09	Stress-induced protein sti1-like protein	*Arabidopsis thaliana*	14.2	11.3	8.5	0.8	0.3	1.4	0.6
2287	**023d06**	AV625079	LC087e10	Stromal cell-derived factor 2	*Mus musculus*	26.9	17.9	26.9	0.7	0.2	0.8	0.5
2288	**018f04**	AV619016	LC002f05	Structural wall protein	*Chlamydomonas reinhardtii*	15.8	20.8	6.6	2.0	1.2	3.2	0.9
2289	**117d12**	AV632734	HC011h11	submergence induced protein 2A	*Oryza sativa*	9.8	9.3	6.9	0.9	0.2	1.3	0.1
2290	**122e02**	AV638381	HC085f09	Succinate dehydrogenase flavoprotein alpha subunit	*Arabidopsis thaliana*	29.8	30.7	25.3	1.0	0.0	1.3	0.5
2291	**016c01**	AV641852	HCL041d03	Succinate dehydrogenase flavoprotein alpha subunit	*Arabidopsis thaliana*	3.7	5.7	4.8	1.6	0.4	1.3	0.4
2292	**006e05**	AV390045	CM041f07	Succinate dehydrogenase iron-sulfur subunit	*Agaricusbisporus*	31.5	27.6	34.2	0.9	0.0	0.8	0.1
2293	**010h09**	AV633792	HC025c09	Succinyl-CoA-ligase alpha subunit	*Arabidopsis thaliana*	12.0	8.9	9.1	0.7	0.1	1.0	0.4
2294	**005f04**	AV387601	CM027a11	Succinyl-CoA-ligase beta subunit	*Arabidopsis thaliana*	16.3	14.6	10.5	0.9	0.2	1.4	0.2
2295	**007f05**	AV392075	CM058b09	Succinyl-CoA-ligase beta subunit	*Arabidopsis thaliana*	11.1	10.6	8.0	1.0	0.3	1.3	0.2
2296	**128b01**	AV642162	HCL046f08	Sulfated surface glycoprotein SSG185	*Volvox carteri*	11.8	12.7	11.0	1.1	0.1	1.2	0.2
2297	**032e10**	BP093461	MXL008g02	Sulfated surface glycoprotein SSG185	*Volvox carteri*	63.1	34.3	30.5	0.5	0.2	1.1	0.4
2298	**013c02**	AV638222	HC083e03	Sulfated surface glycoprotein SSG185	*Volvox carteri*	14.8	11.3	10.5	0.8	0.2	1.1	0.2
2299	**168d07**	BP096485	MXL059e05	Sulfated surface glycoprotein SSG185	*Volvox carteri*	12.4	8.6	14.8	0.7	0.1	0.6	0.2
2300	**026g12**	AV628571	LCL043h08	Sulfite reductase, ferredoxin	*Arabidopsis thaliana*	50.5	66.1	56.0	1.5	0.9	1.2	0.4
2301	**005d07**	AV387788	CM023h12	Sulfolipid biosynthesis protein	*Arabidopsis thaliana*	28.8	17.6	23.2	0.6	0.2	0.8	0.3
2302	**143c02**	AV625636	LC095g05	Sulfur deprivation response regulator	*Chlamydomonas reinhardtii*	9.2	14.0	7.2	1.5	0.2	2.1	0.4
2303	**146e01**	AV627109	LCL021c04	Sulfur deprivation response regulator	*Chlamydomonas reinhardtii*	10.0	13.4	7.1	1.3	0.2	1.9	0.5
2304	**012a11**	AV636058	HC054f08	Sulfur deprivation response regulator	*Chlamydomonas reinhardtii*	6.4	7.7	5.5	1.3	0.7	1.6	0.9
2305	**028h04**	AV630347	LCL077f05	Sulfur deprivation response regulator	*Chlamydomonas reinhardtii*	1.3	1.5	1.3	1.1	0.2	1.3	0.5
2306	**017d01**	AV643114	HCL064a04	Sulfur deprivation response regulator	*Chlamydomonas reinhardtii*	2.0	9.9	11.3	5.1	2.4	0.9	0.3
2307	**145b06**	AV626537	LCL010h02	Sulfur stress regulator	*Chlamydomonas reinhardtii*	28.4	26.5	19.2	0.9	0.1	1.4	0.2
2308	**015c02**	AV640848	HCL023d08	Sulfur stress regulator	*Chlamydomonas reinhardtii*	1.4	2.1	2.1	1.5	0.1	1.1	0.3
2309	**009d03**	AV391095	CM088h01	Sulfur stress regulator	*Chlamydomonas reinhardtii*	8.3	10.4	11.3	1.3	0.1	1.0	0.4
2310	**151f01**	AV629589	LCL061e09	Sulfur stress regulator	*Chlamydomonas reinhardtii*	25.6	20.8	24.8	0.8	0.1	0.9	0.2
2311	**166h09**	BP095819	MXL047h07	Sulfur stress regulator	*Chlamydomonas reinhardtii*	27.7	20.5	30.0	0.7	0.3	0.7	0.5
2312	**108c08**	BP098637	MXL096g03	Sulfur stress regulator	*Chlamydomonas reinhardtii*	13.6	9.3	23.6	0.7	0.1	0.6	0.4
2313	**003c08**	AV396249	CL58g11	Super cysteine rich protein; SCRP	*Homo sapiens*	162.1	160.6	107.8	1.0	0.2	1.5	0.4
2314	**102a09**	AV394067	CL18a10	Super cysteine rich protein; SCRP	*Homo sapiens*	11.9	9.0	6.1	0.8	0.2	1.4	0.6
2315	**036g06**	BP098671	MXL097b11	Super cysteine rich protein; SCRP	*Homo sapiens*	11.3	11.1	9.0	1.0	0.2	1.3	0.6
2316	**028g01**	AV630222	LCL075f05	Super cysteine rich protein; SCRP	*Homo sapiens*	15.1	12.6	11.9	0.8	0.1	1.3	0.4
2317	**125g12**	AV640813	HCL022h01	Super cysteine rich protein; SCRP	*Homo sapiens*	10.0	13.4	11.8	1.3	0.2	1.1	0.1
2318	**108e03**	AV387352	CM019h11	Super cysteine rich protein; SCRP	*Homo sapiens*	11.0	12.9	14.5	1.2	0.1	1.0	0.4
2319	**025a05**	AV626988	LCL019d06	Super cysteine rich protein; SCRP	*Homo sapiens*	7.8	4.9	5.7	0.6	0.1	0.9	0.3
2320	**153f05**	AV630576	LCL081a03	Super cysteine rich protein; SCRP	*Homo sapiens*	14.2	10.9	15.3	0.8	0.3	0.8	0.2
2321	**143d07**	AV625698	LC096f02	Super cysteine rich protein; SCRP	*Homo sapiens*	12.1	10.9	14.6	0.9	0.2	0.8	0.0
2322	**125c08**	AV640530	HCL017h05	Super cysteine rich protein; SCRP	*Homo sapiens*	16.4	13.8	19.5	0.8	0.1	0.7	0.2
2323	**121b06**	AV636879	HC065e08	Superoxide dismutase	*Chlamydomonas reinhardtii*	35.8	61.2	61.5	1.7	0.5	1.1	0.3
2324	**122g09**	AV638889	HC092b04	Survival protein SurE	*Deinococcus radiodurans*	9.4	7.8	9.1	0.8	0.3	0.8	0.3
2325	**138a01**	AV622005	LC043g07	Synaptic glycoprotein SC2-like protein	*Arabidopsis thaliana*	532.2	268.7	220.1	0.5	0.3	1.2	0.9
2326	**130g07**	AV643691	HCL074c04	Synaptobrevin-like protein	*Arabidopsis thaliana*	8.4	11.2	12.1	1.3	0.3	0.9	0.3
2327	**033g10**	BP094961	MXL033d08	T10O22.13	*Arabidopsis thaliana*	16.8	16.6	15.9	1.0	0.2	1.1	0.4
2328	**020a05**	AV620674	LC025c11	T2E6.12	*Arabidopsis thaliana*	29.1	28.1	21.0	1.0	0.1	1.3	0.2
2329	**035b04**	BP096629	MXL062a09	T-complex protein 1, alpha subunit	*Homo sapiens*	25.7	17.1	21.4	0.7	0.2	0.8	0.1
2330	**022d04**	AV623772	LC068d11	T-complex protein 1, beta subunit	*Homo sapiens*	17.5	19.4	15.4	1.1	0.2	1.3	0.1
2331	**142b12**	AV624998	LC085e10	T-complex protein 1, beta subunit	*Homo sapiens*	12.6	9.9	9.8	0.8	0.1	1.1	0.5
2332	**143h05**	AV626024	LCL001b12	TCTR2 protein	*Lycopersicon esculentum*	13.9	11.1	18.1	0.8	0.1	0.8	0.4
2333	**134b11**	AV619068	LC003d01	Testis mitotic checkpoint BUB3	*Homo sapiens*	15.3	21.3	12.6	1.4	0.5	1.8	0.8
2334	**149c06**	AV628436	LCL041h01	Testis-specific poly(A) polymerase	*Mus musculus*	22.1	16.6	19.8	0.8	0.2	0.8	0.1
2335	**008b11**	AV395052	CL35e02	Tetracycline resistance	*synthetic construct*	53.5	53.5	27.8	1.0	0.1	1.8	1.0
2336	**035a10**	BP096554	MXL060f07	Tetrahymena chimera actin	*Homo sapiens*	40.0	28.5	42.3	0.7	0.1	0.8	0.3
2337	**030f01**	AV631788	LCL099h05	Tetratricopeptide repeat protein-like	*Arabidopsis thaliana*	18.1	16.9	17.6	0.9	0.1	1.3	0.8
2338	**118d11**	AV633791	HC025c08	THA9	*Zea mays*	10.0	6.6	9.5	0.7	0.2	0.7	0.1
2339	**013h06**	AV639623	HCL002a08	Thermophilic extracellular endocellulase	*Myxobacter sp. AL-1*	6.7	4.0	5.0	0.6	0.2	0.8	0.3
2340	**034c12**	BP095661	MXL045d05	Thiamin biosynthesis protein Thi1	*Citrus sinensis*	191.3	138.5	190.7	0.8	0.3	0.8	0.4
2341	**158h12**	BP087717	MX042b10	Thiazole biosynthetic enzyme (stress inducible protein, STI35)	*Citrus sinensis*	138.7	102.5	148.3	0.7	0.0	0.7	0.1
2342	**011d06**	AV634815	HC038c08	ThiH protein, putative	*Thermotoga maritima*	128.1	74.8	90.2	0.6	0.4	0.9	0.7
2343	**141a05**	AV624224	LC074f09	Thiol:disulfide interchange protein DsbD	*Synechocystis sp. PCC 6803*	10.2	9.9	6.4	1.0	0.2	1.5	0.3
2344	**022g02**	AV624176	LC074a04	Thioredoxin	*Schistosoma japonicum*	52.3	75.5	44.5	1.7	0.6	1.7	0.1
2345	**017a10**	AV642845	HCL059b07	Thioredoxin	*Aquifex aeolicus*	12.0	8.8	5.6	0.8	0.2	1.6	0.4
2346	**011d04**	AV634814	HC038c06	Thioredoxin	*Schistosoma japonicum*	25.4	58.2	39.0	2.6	1.0	1.5	0.0
2347	**119a04**	AV634491	HC034a12	Thioredoxin	*Arabidopsis thaliana*	9.1	9.2	7.5	1.0	0.2	1.3	0.2
2348	**013e09**	AV638873	HC091h08	Thioredoxin	*Schistosoma japonicum*	19.6	34.6	34.1	2.4	1.6	1.0	0.3
2349	**035d07**	BP096988	MXL068c10	Thioredoxin CH1, H-type	*Chlamydomonas reinhardtii*	70.2	55.0	81.5	0.8	0.1	0.8	0.5
2350	**008f10**	AV389454	CM075a09	Thioredoxin CH2, M-type	*Chlamydomonas reinhardtii*	98.6	81.3	92.4	0.8	0.1	0.9	0.2
2351	**158g10**	BP087699	MX041f12	Thioredoxin H	*Triticum durum*	9.8	7.5	10.8	0.8	0.5	0.8	0.5

	A	B	C	D	E	F	G	H	I	J	K	L
2352	**008e12**	AV388644	CM071h02	Thioredoxin peroxidase	*Secale cereale*	29.7	30.9	40.3	1.0	0.0	0.8	0.2
2353	**170a02**	BP097198	MXL071f09	Thioredoxin peroxidase	*Chlamydomonas reinhardtii*	71.9	113.8	85.4	1.6	0.8	2.9	2.8
2354	**010h07**	AV633771	HC025a07	Thioredoxin reductase (NADPH) 2	*Arabidopsis thaliana*	9.7	9.1	13.6	0.9	0.3	0.7	0.2
2355	**027b01**	AV628812	LCL047e01	Thioredoxin reductase (NADPH) B	*Arabidopsis thaliana*	17.8	16.8	10.5	0.9	0.1	1.7	0.5
2356	**144c10**	AV626223	LCL004f01	Thioredoxin reductase 3	*Homo sapiens*	9.1	7.2	6.8	0.8	0.1	1.1	0.3
2357	**137g10**	AV621899	LC042d04	ThioredoxinII	*Branchiostoma belcheri*	37.5	33.1	38.3	0.9	0.2	0.9	0.3
2358	**120e07**	AV636111	HC055c07	Threonine synthase	*Arabidopsis thaliana*	28.8	13.0	16.6	0.5	0.1	0.8	0.3
2359	**030e07**	AV631718	LCL098f07	Threonine synthase	*Arabidopsis thaliana*	2.4	2.8	4.2	1.2	0.3	0.7	0.1
2360	**017e12**	AV643382	HCL068f05	Threonine synthase	*Arabidopsis thaliana*	16.7	5.1	7.9	0.3	0.1	0.7	0.3
2361	**153e06**	AV630519	LCL080b05	Threonyl-tRNA synthetase	*Arabidopsis thaliana*	22.4	19.5	17.5	0.9	0.2	1.1	0.2
2362	**138f08**	AV622466	LC050b04	Threonyl-tRNA synthetase	*Arabidopsis thaliana*	33.7	29.7	29.7	0.9	0.3	1.0	0.1
2363	**015e10**	AV641204	HCL029g01	Threonyl-tRNA synthetase	*Arabidopsis thaliana*	10.5	9.5	10.9	0.9	0.3	0.9	0.5
2364	**023d03**	AV625032	LC086e01	Thylakoid lumen rotamase	*Spinacia oleracea*	78.2	64.8	59.2	0.8	0.3	1.1	0.7
2365	**107d05**	AV397696	CM009e01	Thymidylate kinase	*Arabidopsis thaliana*	6.5	6.7	5.5	1.1	0.3	1.2	0.2
2366	**019c01**	AV619688	LC011g07	TLS-associated protein with SR repeats	*Mus musculus*	9.6	8.3	8.4	0.9	0.2	1.6	1.1
2367	**135f09**	AV620122	LC017h05	Tonoplast intrinsic protein bobTIP26-2	*Brassica oleraceavar. botrytis*	20.3	18.6	12.7	0.9	0.2	1.5	0.4
2368	**125h11**	AV640862	HCL023f12	Topoisomerase-III	*Homo sapiens*	7.6	6.7	11.4	0.9	0.1	0.8	0.5
2369	**014b06**	AV639767	HCL004f09	Transaldolase B (talB)	*Haemophilus influenzae Rd*	27.3	25.7	44.3	0.9	0.1	0.7	0.3
2370	**148g10**	AV628195	LCL038b06	Transcription activator	*Homo sapiens*	15.1	19.2	16.1	1.3	0.2	1.2	0.1
2371	**028e07**	AV630082	LCL072f11	Transcription activator	*Homo sapiens*	1.1	0.9	1.3	0.8	0.6	0.6	0.2
2372	**019h06**	AV620416	LC021h08	Transcription factor BTF3a	*Homo sapiens*	87.0	64.4	60.8	0.7	0.2	1.0	0.2
2373	**116f11**	AV398027	CS001g10	Transcriptional regulator	*Arabidopsis thaliana*	13.6	13.1	19.6	1.0	0.2	0.7	0.1
2374	**165e01**	BP095208	MXL038a10	Transitional endoplasmic reticulum ATPase	*Arabidopsis thaliana*	15.5	19.4	28.0	1.3	0.1	0.7	0.3
2375	**132h03**	AV644851	HCL094f08	Transketolase	*Oryza sativa*	140.6	180.6	93.4	1.2	0.5	2.0	1.3
2376	**158f02**	BP087671	MX041a08	Transketolase	*Arabidopsis thaliana*	71.0	61.8	54.3	0.9	0.1	1.1	0.1
2377	**001d08**	AV393839	CL12f09	Transketolase	*Thermosynechococcus elongatus BP-*	76.8	69.7	67.1	0.9	0.2	1.0	0.2
2378	**118e01**	BP383692	HC025d10	Transketolase, chloroplast	*Arabidopsis thaliana*	33.2	39.0	32.4	1.2	0.2	1.2	0.3
2379	**008g01**	AV389456	CM075e01	Translation initiation factor	*Pisum sativum*	18.5	21.0	26.8	1.2	0.2	0.8	0.2
2380	**032a06**	BP087693	MX041f06	Translation initiation factor	*Pisum sativum*	49.0	38.1	52.9	0.8	0.1	0.7	0.0
2381	**165c01**	BP095122	MXL036c02	Translation initiation factor 3-like protein	*Arabidopsis thaliana*	26.9	14.8	14.2	0.6	0.2	1.1	0.5
2382	**005d08**	AV388224	CM024a09	Translation initiation factor 4A2	*Zea mays*	149.5	142.9	174.8	1.0	0.0	0.8	0.1
2383	**117b04**	AV632253	HC005h03	Translation initiation factor IF-1, chloroplast	*Chlorella vulgaris*	8.2	6.1	5.9	0.8	0.2	1.1	0.1
2384	**014b09**	AV639794	HCL005b06	Transmembrane protein	*Mus musculus*	5.7	4.7	5.6	0.8	0.1	0.8	0.2
2385	**026f02**	BP383840	LCL041h08	Transport protein	*Arabidopsis thaliana*	13.1	11.6	13.3	0.9	0.1	0.9	0.3
2386	**026g10**	AV628555	LCL043f11	Trehalose-associated protein kinase	*Schizosaccharomyces pombe*	2.3	1.8	3.3	0.8	0.2	0.6	0.2
2387	**034d05**	BP095697	MXL046a02	Triosephosphate/3-phosphoglycerate/phosphate translocator	*Zea mays*	73.0	66.7	57.8	0.9	0.3	1.2	0.4
2388	**024g01**	AV626766	LCL015b03	tRNA-processing protein SEN3-like	*Arabidopsis thaliana*	3.2	2.7	2.4	0.8	0.2	1.1	0.6
2389	**007d12**	AV391732	CM055h02	Tryptophan synthase alpha chain	*Arabidopsis thaliana*	9.6	5.0	7.0	0.5	0.1	0.7	0.1
2390	**152f05**	AV630041	LCL071g12	Tryptophan synthase beta	*Chlamydomonas reinhardtii*	33.7	20.4	25.7	0.6	0.2	0.9	0.4
2391	**159b10**	BP087747	MX042g10	Tubulin beta-1/beta-2 chain	*Chlamydomonas reinhardtii*	183.3	351.6	143.0	1.9	0.3	3.3	2.2
2392	**035g04**	AV625639	LC095g11	Tubulin beta-1/beta-2 chain	*Chlamydomonas reinhardtii*	132.5	195.1	116.7	1.5	0.0	1.8	0.6
2393	**115h11**	AV391942	CM093f12	Tubulin beta-2 chain	*Polytomella agilis*	51.2	72.4	55.2	1.4	0.2	1.3	0.2
2394	**156a12**	AV631712	LCL098f01	Tubulin Uni3	*Chlamydomonas reinhardtii*	7.9	8.7	5.9	1.3	0.4	2.5	1.6
2395	**031g12**	BP087392	MX033f01	Type 2 peroxiredoxin	*Brassica rapa subsp.pekinensis*	18.4	11.9	15.0	0.7	0.2	0.8	0.3
2396	**034h07**	BP096417	MXL058d03	Type 2A protein serine/threonine phosphatase 55 kDa Bregulatory su	*Arabidopsis thaliana*	39.3	48.1	29.3	1.2	0.3	1.6	0.2
2397	**008d02**	AV397400	CM068h10	Tyrosin 3-monooxygenase	*Anguilla anguilla*	3.9	4.6	4.3	1.3	0.4	1.1	0.4
2398	**124b04**	AV639994	HCL008d11	Tyrosine-tRNA ligase	*Escherichia coli*	20.5	15.1	18.2	0.7	0.1	0.8	0.1
2399	**122e04**	AV638453	HC086f01	U2 small nuclear ribonucleoprotein A'	*Arabidopsis thaliana*	15.1	14.7	13.9	1.0	0.2	1.1	0.3
2400	**021f11**	AV622732	LC053g01	U2 snRNA	*Chlamydomonas reinhardtii*	16.2	20.9	18.3	1.2	0.7	1.2	0.9
2401	**121g10**	AV637548	HC074e03	U2 snRNP auxiliary factor, large subunit	*Nicotiana plumbaginifolia*	13.4	10.3	13.4	0.8	0.1	0.8	0.3
2402	**019c11**	AV619915	LC013d08	U2 snRNP auxiliary factor, small subunit	*Oryza sativa*	5.5	4.7	4.6	0.9	0.3	1.1	0.4
2403	**014a07**	AV639691	HCL003b08	U5 small nuclear ribonucleoprotein 116 kDa	*Arabidopsis thaliana*	10.8	10.4	9.1	1.0	0.1	1.1	0.1
2404	**127b10**	AV641679	HCL038e12	U5 small nuclear ribonucleoprotein 116 kDa	*Arabidopsis thaliana*	14.7	12.8	11.8	0.9	0.2	1.1	0.3
2405	**163c02**	BP094149	MXL018g07	U5 snRNP-specific protein	*Saccharomyces cerevisiae*	8.1	11.4	8.8	1.8	1.2	1.8	1.2
2406	**166g08**	BP095757	MXL046h11	U5snRNP-specific protein-like	*Arabidopsis thaliana*	14.1	7.9	11.9	0.5	0.2	0.7	0.5
2407	**119c05**	AV634811	HC038c02	U6 snRNA-associated Sm-like protein	*Arabidopsis thaliana*	148.9	150.8	124.3	1.0	0.1	1.3	0.6
2408	**140h01**	AV624103	LC073a03	U88	*Human herpesvirus 6*	7.6	6.3	6.4	0.8	0.1	1.1	0.4
2409	**033b03**	BP094068	MXL017f11	U88	*Human herpesvirus 6*	24.3	16.4	30.8	0.7	0.2	0.6	0.3
2410	**147h01**	AV627708	LCL030h06	UBC13	*Arabidopsis thaliana*	9.6	10.3	11.2	1.1	0.2	1.0	0.4
2411	**011e12**	AV635171	HC042g11	Ubiquinol-cytochrome c oxidoreductase	*Chlamydomonas reinhardtii*	29.6	21.8	27.3	0.7	0.0	0.8	0.0
2412	**117e01**	AV632744	HC012a09	Ubiquinol-cytochrome c reductase complex core protein 2	*Neurospora crassa*	3.9	4.5	3.8	1.2	0.6	1.2	0.4
2413	**031c11**	BP086770	MX016d05	Ubiquinol-cytochrome c reductase-like protein	*Arabidopsis thaliana*	52.0	38.6	40.8	0.7	0.1	1.0	0.3
2414	**002c06**	AV395116	CL36a06	Ubiquitin	*Hordeum vulgare*	134.6	151.4	101.0	1.2	0.2	1.5	0.5
2415	**106e08**	AV386478	CM001e03	Ubiquitin / ribosomal protein CEP52	*Chlamydomonas reinhardtii*	92.5	100.3	104.2	1.0	0.5	0.9	0.5
2416	**025e03**	AV627435	LCL026f10	Ubiquitin activating enzyme	*Triticum aestivum*	14.4	10.7	13.5	0.8	0.2	0.8	0.2
2417	**125a11**	BP098714	MXL097g09	Ubiquitin activating enzyme 2	*Arabidopsis thaliana*	14.4	13.8	16.5	1.0	0.1	0.9	0.2
2418	**161a04**	BP089462	MX207g07	Ubiquitin carrier protein E2	*Homo sapiens*	13.3	14.1	7.9	1.1	0.3	2.3	1.4
2419	**033e12**	BP094582	MXL025c04	Ubiquitin carrierprotein	*Triticum vulgare*	12.8	17.6	15.4	1.5	0.8	1.2	0.6
2420	**020e02**	AV621106	LC031c10	Ubiquitin conjugating enzyme	*Zea mays*	43.1	42.0	33.3	1.0	0.2	1.3	0.0
2421	**105d09**	AV396530	CL63d02	Ubiquitin extension protein (UBQ5)	*Arabidopsis thaliana*	101.1	103.4	75.6	1.1	0.2	1.5	0.4
2422	**104e05**	AV395729	CL50h02	Ubiquitin specific protease 14	*Oryza sativa*	19.3	11.8	13.2	0.6	0.3	0.9	0.3
2423	**120b01**	AV635717	HC050a03	Ubiquitin/ribosomal protein S27a fusion protein	*Lupinus albus*	133.3	131.9	81.2	1.1	0.3	1.7	0.6
2424	**020f03**	AV621239	LC033c06	Ubiquitincarrier protein	*Medicago sativa*	14.0	21.6	17.5	1.6	0.4	1.4	0.5
2425	**021g10**	AV622930	LC056f10	Ubiquitin-conjugating enzyme	*Arabidopsis thaliana*	8.1	10.3	8.6	1.2	0.3	1.2	0.7
2426	**142c11**	AV625089	LC087g02	Ubiquitin-conjugating enzyme	*Schizosaccharomyces pombe*	4.5	5.3	4.5	1.2	0.1	1.2	0.2
2427	**031g05**	BP087315	MX031f07	Ubiquitin-conjugating enzyme E2-23 kD	*Zea mays*	20.4	27.5	41.5	1.4	0.3	0.7	0.1
2428	**008b12**	AV393093	CM067c06	Ubiquitin-conjugating enzyme protein E2	*Zea mays*	7.1	6.3	6.3	0.9	0.2	1.0	0.1
2429	**107c05**	AV386724	CM008c09	Ubiquitin-conjugating enzyme UBC1	*Arabidopsis thaliana*	496.0	164.1	386.3	0.3	0.0	0.4	0.0
2430	**141f04**	AV624621	LC080c11	Ubiquitin-like protein SMT3	*Arabidopsis thaliana*	48.0	26.1	36.2	0.6	0.1	0.8	0.4
2431	**141f03**	AV624613	LC080b11	Ubiquitin-specific protease	*Arabidopsis thaliana*	21.3	15.4	17.4	0.7	0.2	1.0	0.4
2432	**022a09**	AV623353	LC062e06	UDP-galactose 4-epimerase-likeprotein	*Arabidopsis thaliana*	19.6	13.0	12.4	0.7	0.1	1.1	0.2
2433	**168c06**	BP096385	MXL058a01	UDP-glucose dehydrogenase	*Populus tremulax*	24.2	22.6	20.8	1.0	0.3	1.1	0.2
2434	**031b02**	BP086543	MX011b01	UDP-glucose dehydrogenase	*Populus tremulax*	24.3	19.6	18.0	0.8	0.1	1.1	0.1
2435	**126d11**	AV641277	HCL030h08	UDP-glucose dehydrogenase	*Glycine max*	11.8	15.3	15.9	1.3	0.2	1.0	0.1
2436	**160b01**	BP088349	MX058d12	UDP-glucose dehydrogenase, putative	*Arabidopsis thaliana*	19.5	18.2	12.2	0.9	0.2	1.8	1.0
2437	**030c06**	AV631515	LCL095d07	UDP-glucosedehydrogenase	*Glycine max*	21.6	11.9	15.5	0.6	0.0	0.8	0.1
2438	**020f06**	AV621270	LC033f08	UNC-119	*Caenorhabditis briggsae*	23.6	30.7	25.1	1.3	0.3	1.6	1.1
2439	**137f12**	AV621812	LC041c07	Uncharacterized protein family UPF0038 containing ATP/GTP bindin	*Arabidopsis thaliana*	13.3	10.3	17.5	0.8	0.2	0.7	0.3
2440	**015b04**	AV627618	LCL029e10	Uncoupling protein	*Triticum aestivum*	51.5	40.1	39.0	0.8	0.1	1.0	0.2
2441	**166d09**	AV638955	HC093a11	Uncoupling protein	*Triticum aestivum*	111.7	86.7	92.9	0.8	0.1	0.9	0.2
2442	**010d08**	AV632713	HC011g01	Uncoupling protein	*Triticum aestivum*	50.7	44.1	52.2	0.9	0.1	0.8	0.2
2443	**035a01**	BP096498	MXL059g01	unknown	*Arabidopsis thaliana*	28.2	19.0	28.7	0.7	0.1	0.9	0.5
2444	**148b07**	AV627855	LCL033a02	Unknown	*Zymomonas mobilis*	15.6	16.7	9.4	1.1	0.1	1.8	0.6
2445	**119b11**	AV634728	HC037a10	Unknown	*Volvox carteri f. nagariensis*	173.9	196.6	108.8	1.3	0.4	1.8	0.4
2446	**021a06**	AV621880	LC042b07	Unknown	*Lactobacillus sakei*	18.8	22.5	17.1	1.2	0.3	1.5	0.8
2447	**007c04**	AV391360	CM053d10	Unknown	*Volvox carteri f. nagariensis*	86.2	99.9	82.7	1.1	0.1	1.4	0.9
2448	**141e03**	AV624519	LC078h01	Unknown	*Orgyia pseudotsugata*	12.1	17.3	13.6	1.4	0.2	1.3	0.3
2449	**158b08**	BP087531	MX036e10	Unknown	*Zymomonas mobilis*	7.4	19.0	14.2	2.7	1.7	1.3	0.4
2450	**020a10**	AV620733	LC026b05	Unknown	*Bacillus subtilis*	19.6	15.8	14.1	0.8	0.2	1.2	0.5
2451	**149a12**	AV628342	LCL040d01	Unknown	*Listeria monocytogenes*	5.1	4.2	3.7	0.8	0.2	1.1	0.2
2452	**126a04**	AV640937	HCL025a03	Unknown	*Homo sapiens*	7.5	6.9	6.7	0.9	0.2	1.1	0.2
2453	**158d11**	BP087651	MX040c08	Unknown	*Volvox carteri f. nagariensis*	26.9	62.0	61.8	2.3	0.4	1.0	0.1
2454	**012b07**	AV636210	HC056e09	Unknown	*Bordetella pertussis*	9.2	6.6	6.7	0.7	0.1	1.0	0.2
2455	**021g11**	AV622937	LC056g09	Unknown	*Volvox carteri f. nagariensis*	24.5	52.4	60.1	2.1	0.1	1.0	0.4
2456	**033e03**	BP094445	MXL023b06	Unknown	*Rhodobacter sphaeroides*	7.9	11.1	11.5	1.4	0.2	1.0	0.3
2457	**172f11**	BP098481	MXL094a03	Unknown	*Arabidopsis thaliana*	41.9	26.0	43.9	0.6	0.1	0.6	0.2
2458	**006h08**	AV390728	CM047e10	Unknown lumenal polypeptide	*Chlamydomonas reinhardtii*	141.3	68.0	127.9	0.5	0.2	0.5	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
2459	**159f12**	BP088005	MX049c04	unknown protein	*Arabidopsis thaliana*	14.0	11.7	14.0	0.8	0.1	0.8	0.1
2460	**165a04**	BP095021	MXL034e12	Unknown protein	*Arabidopsis thaliana*	10.8	22.2	7.5	2.0	0.5	4.6	3.6
2461	**110a05**	AV388768	CM032b06	Unknown protein	*Arabidopsis thaliana*	16.4	14.8	3.7	0.9	0.1	3.9	2.2
2462	**022e08**	AV623987	LC071d08	Unknown protein	*Arabidopsis thaliana*	75.8	41.7	12.7	0.6	0.1	3.4	1.4
2463	**157b12**	BP086698	MX014f04	Unknown protein	*Arabidopsis thaliana*	6.7	9.4	6.4	1.5	0.8	3.1	2.9
2464	**157a12**	BP086579	MX012a02	Unknown protein	*Arabidopsis thaliana*	30.8	19.3	16.4	0.7	0.2	2.2	2.0
2465	**002a01**	AV394721	CL27d08	Unknown protein	*Arabidopsis thaliana*	58.4	65.7	30.1	1.2	0.1	2.0	0.9
2466	**026d01**	AV628289	LCL039f04	Unknown protein	*Arabidopsis thaliana*	5.7	4.9	4.3	0.9	0.2	1.8	1.5
2467	**129h03**	AV643070	HCL063c02	Unknown protein	*Arabidopsis thaliana*	9.7	11.3	7.0	1.2	0.1	1.7	0.7
2468	**023g03**	AV623550	LC065e06	Unknown protein	*Arabidopsis thaliana*	31.7	47.1	40.0	1.4	0.5	1.7	1.1
2469	**136e12**	AV620774	LC026f07	Unknown protein	*Arabidopsis thaliana*	7.8	13.3	8.3	1.7	0.5	1.6	0.5
2470	**017g01**	AV643596	HCL072d10	Unknown protein	*Arabidopsis thaliana*	2.8	4.2	2.9	2.0	1.0	1.5	0.7
2471	**033b12**	BP094176	MXL019b05	Unknown protein	*Arabidopsis thaliana*	41.7	46.7	39.9	1.1	0.1	1.5	1.1
2472	**036h12**	BP098889	MXL100h05	Unknown protein	*Arabidopsis thaliana*	20.1	37.1	24.8	1.9	0.7	1.5	0.4
2473	**120h06**	AV636504	HC060d06	Unknown protein	*Arabidopsis thaliana*	28.9	28.0	19.8	1.0	0.1	1.5	0.5
2474	**172c05**	BP098293	MXL091a06	Unknown protein	*Arabidopsis thaliana*	3.1	5.4	3.8	1.7	0.3	1.5	0.3
2475	**012a05**	AV635825	HC051d11	Unknown protein	*Arabidopsis thaliana*	20.6	11.4	8.0	0.6	0.3	1.4	0.5
2476	**108a12**	AV387449	CM016d09	Unknown protein	*Arabidopsis thaliana*	15.2	29.8	22.5	2.0	0.1	1.4	0.6
2477	**034f12**	BP096170	MXL054a03	Unknown protein	*Arabidopsis thaliana*	13.2	13.7	10.3	1.1	0.2	1.4	0.5
2478	**158c09**	BP087610	MX039a02	Unknown protein	*Arabidopsis thaliana*	9.9	12.5	9.6	1.3	0.2	1.4	0.4
2479	**014e03**	AV397613	CL02h04	Unknown protein	*Arabidopsis thaliana*	21.9	22.9	17.3	1.0	0.1	1.4	0.3
2480	**114b03**	AV389043	CM073f11	Unknown protein	*Arabidopsis thaliana*	11.2	16.4	12.0	1.5	0.5	1.4	0.2
2481	**035d08**	BP097016	MXL068g03	Unknown protein	*Arabidopsis thaliana*	231.4	179.7	164.3	0.8	0.1	1.3	0.8
2482	**010b02**	AV632213	HC005d03	Unknown protein	*Arabidopsis thaliana*	13.1	35.0	26.8	2.8	0.6	1.3	0.1
2483	**102d05**	AV394272	CL22a10	Unknown protein	*Arabidopsis thaliana*	116.2	128.6	98.8	1.3	0.5	1.3	0.1
2484	**162c03**	BP093584	MXL010e07	Unknown protein	*Arabidopsis thaliana*	11.5	10.9	12.5	1.1	0.8	1.3	1.0
2485	**018e06**	AV618901	LC001b01	Unknown protein	*Arabidopsis thaliana*	7.1	13.4	10.7	1.9	0.3	1.3	0.3
2486	**019b01**	AV619548	LC009h01	Unknown protein	*Arabidopsis thaliana*	7.0	6.7	5.9	1.1	0.4	1.2	0.4
2487	**108c01**	AV388161	CM017d03	Unknown protein	*Arabidopsis thaliana*	7.6	11.9	10.2	1.6	0.3	1.2	0.2
2488	**153h10**	AV630721	LCL083c06	Unknown protein	*Arabidopsis thaliana*	24.0	32.8	27.6	1.4	0.3	1.2	0.2
2489	**025d08**	AV627329	LCL025b02	Unknown protein	*Arabidopsis thaliana*	13.4	15.7	13.1	1.2	0.3	1.2	0.2
2490	**107f10**	AV386935	CM011g04	Unknown protein	*Arabidopsis thaliana*	63.0	56.6	55.3	0.9	0.2	1.2	0.4
2491	**115f03**	AV391194	CM089f09	Unknown protein	*Arabidopsis thaliana*	9.1	8.3	7.2	0.9	0.2	1.2	0.2
2492	**028b06**	AV629663	LCL063a07	Unknown protein	*Arabidopsis thaliana*	35.2	25.5	25.6	0.7	0.1	1.1	0.6
2493	**008g05**	AV389466	CM075h12	Unknown protein	*Arabidopsis thaliana*	34.6	26.6	23.5	0.8	0.1	1.1	0.2
2494	**009b09**	AV390752	CM085a11	Unknown protein	*Arabidopsis thaliana*	5.8	4.9	4.5	0.9	0.2	1.1	0.3
2495	**161e05**	BP093194	MXL004h01	Unknown protein	*Arabidopsis thaliana*	13.9	13.8	12.7	1.0	0.2	1.1	0.5
2496	**030g09**	BP086182	MX003e01	Unknown protein	*Arabidopsis thaliana*	25.9	20.2	18.9	0.8	0.3	1.1	0.5
2497	**023g08**	AV626086	LCL002b11	Unknown protein	*Arabidopsis thaliana*	8.3	9.4	8.6	1.1	0.3	1.1	0.3
2498	**030b05**	AV631424	LCL093f12	Unknown protein	*Arabidopsis thaliana*	16.1	14.9	13.8	0.9	0.2	1.1	0.2
2499	**106f07**	AV397832	CM002e03	Unknown protein	*Arabidopsis thaliana*	41.2	44.7	41.8	1.1	0.2	1.1	0.2
2500	**143f04**	AV625828	LC098d09	Unknown protein	*Arabidopsis thaliana*	12.0	11.9	11.2	1.0	0.1	1.1	0.0
2501	**140f01**	AV623933	LC070f06	Unknown protein	*Arabidopsis thaliana*	5.6	6.0	6.8	1.2	0.5	1.1	0.6
2502	**116h09**	AV632019	HC002h09	Unknown protein	*Arabidopsis thaliana*	12.3	10.6	10.2	0.9	0.3	1.1	0.2
2503	**018f05**	AV619025	LC002g05	Unknown protein	*Arabidopsis thaliana*	6.3	8.5	8.2	1.3	0.2	1.1	0.3
2504	**019e02**	AV619958	LC015e10	Unknown protein	*Volvox carteri f. nagariensis*	16.7	40.3	39.3	2.5	0.6	1.0	0.1
2505	**144d11**	AV626255	LCL005c04	Unknown protein	*Arabidopsis thaliana*	6.4	8.0	7.8	1.2	0.2	1.0	0.2
2506	**008b07**	AV392967	CM066d02	Unknown protein	*Arabidopsis thaliana*	8.3	11.9	11.7	1.5	0.7	1.0	0.2
2507	**012b10**	AV636277	HC057d03	Unknown protein	*Arabidopsis thaliana*	15.4	10.0	10.2	0.7	0.3	1.0	0.4
2508	**142f01**	AV625264	LC090b06	Unknown protein	*Arabidopsis thaliana*	7.0	5.7	5.9	0.8	0.1	1.0	0.2
2509	**023c08**	AV624930	LC084f11	Unknown protein	*Arabidopsis thaliana*	49.5	36.8	42.5	0.7	0.1	1.0	0.4
2510	**023h08**	AV626221	LCL004e10	Unknown protein	*Arabidopsis thaliana*	41.3	36.8	39.6	0.9	0.1	0.9	0.2
2511	**165f04**	BP095278	MXL039c07	Unknown protein	*Arabidopsis thaliana*	10.1	10.3	11.0	1.0	0.4	0.9	0.5
2512	**137f07**	AV621772	LC040g04	Unknown protein	*Arabidopsis thaliana*	10.7	11.6	13.0	1.1	0.3	0.9	0.3
2513	**109c09**	AV388115	CM025d01	Unknown protein	*Arabidopsis thaliana*	18.6	17.8	21.3	1.0	0.1	0.9	0.3
2514	**020e04**	AV621114	LC031d10	Unknown protein	*Arabidopsis thaliana*	9.9	6.8	7.6	0.7	0.2	0.9	0.2
2515	**021c09**	AV622182	LC046c03	Unknown protein	*Arabidopsis thaliana*	33.6	30.0	35.4	0.9	0.1	0.9	0.4
2516	**023f06**	AV625306	LC090f11	Unknown protein	*Arabidopsis thaliana*	10.0	19.4	23.3	1.9	0.1	0.9	0.4
2517	**126b06**	AV641053	HCL026h10	Unknown protein	*Arabidopsis thaliana*	11.7	11.8	13.3	1.0	0.1	0.9	0.1
2518	**109f10**	AV388325	CM028e11	Unknown protein	*Arabidopsis thaliana*	4.6	5.2	5.9	1.1	0.1	0.9	0.1
2519	**157c06**	BP086763	MX016c02	Unknown protein	*Arabidopsis thaliana*	5.4	5.9	7.0	1.1	0.4	0.9	0.3
2520	**033c05**	BP094219	MXL019g02	Unknown protein	*Arabidopsis thaliana*	59.1	43.1	57.5	0.7	0.1	0.8	0.5
2521	**008a06**	AV392749	CM063d05	Unknown protein	*Arabidopsis thaliana*	13.0	10.7	12.9	0.8	0.1	0.8	0.1
2522	**034a05**	BP095160	MXL036h02	Unknown protein	*Arabidopsis thaliana*	25.1	19.8	26.5	0.9	0.3	0.8	0.3
2523	**013f02**	AV639046	HC094c11	Unknown protein	*Arabidopsis thaliana*	23.4	34.6	43.3	1.5	0.1	0.8	0.1
2524	**147d11**	AV627545	LCL028c09	Unknown protein	*Arabidopsis thaliana*	14.7	12.6	15.8	0.9	0.3	0.8	0.1
2525	**016c10**	AV641983	HCL043d11	Unknown protein	*Arabidopsis thaliana*	1.6	1.3	1.7	0.8	0.3	0.8	0.4
2526	**148f05**	AV628118	LCL037a03	Unknown protein	*Arabidopsis thaliana*	9.2	8.5	10.8	0.9	0.2	0.8	0.2
2527	**112h12**	AV392591	CM062f10	Unknown protein	*Arabidopsis thaliana*	7.6	7.3	10.7	1.0	0.1	0.8	0.3
2528	**017f11**	AV643594	HCL072d08	Unknown protein	*Bacillus subtilis*	33.9	15.9	20.9	0.5	0.1	0.8	0.1
2529	**150c10**	AV628940	LCL049c06	Unknown protein	*Arabidopsis thaliana*	42.4	29.3	39.9	0.8	0.2	0.7	0.1
2530	**013b03**	AV638032	HC081a01	Unknown protein	*Arabidopsis thaliana*	8.0	5.6	7.7	0.7	0.1	0.7	0.1
2531	**158h08**	BP087712	MX042a06	Unknown protein	*Arabidopsis thaliana*	8.0	6.9	10.1	0.8	0.5	0.7	0.5
2532	**172c01**	BP098285	MXL090h01	Unknown protein	*Oryza sativa*	44.3	22.9	31.6	0.5	0.1	0.7	0.5
2533	**172d12**	BP098377	MXL092d11	Unknown protein	*Arabidopsis thaliana*	17.7	12.2	18.2	0.7	0.1	0.7	0.1
2534	**127b05**	AV641657	HCL038c04	Unknown protein	*Arabidopsis thaliana*	23.4	20.0	30.8	0.9	0.0	0.7	0.2
2535	**024g09**	AV626858	LCL016g09	Unknown protein	*Arabidopsis thaliana*	28.1	19.8	32.3	0.7	0.2	0.6	0.1
2536	**018h06**	AV619199	LC005a09	Unknown protein	*Arabidopsis thaliana*	3.7	7.1	11.6	2.0	0.4	0.6	0.1
2537	**023d10**	AV625100	LC087h05	Unknown protein	*Arabidopsis thaliana*	11.0	9.1	15.3	0.8	0.2	0.6	0.1
2538	**149h06**	AV628717	LCL046b04	Unknown protein	*Arabidopsis thaliana*	24.6	17.2	38.7	0.8	0.2	0.6	0.3
2539	**109b01**	AV387751	CM023g02	Unknown Protein	*Arabidopsis thaliana*	385.3	243.1	537.1	0.7	0.4	0.5	0.2
2540	**162g12**	BP093953	MXL016b10	Unknown protein	*Arabidopsis thaliana*	741.3	316.2	746.2	0.4	0.2	0.5	0.3
2541	**164b10**	BP094661	MXL026f06	Unknown protein containing DUF58 domain	*Arabidopsis thaliana*	5.2	40.6	37.0	7.7	1.2	1.1	0.1
2542	**023a12**	AV624626	LC080d06	Unknown protein, 3' partial	*Arabidopsis thaliana*	15.4	12.0	12.9	0.8	0.2	0.9	0.1
2543	**168b11**	BP096364	MXL057e09	Unknown protein, 5' partial	*Arabidopsis thaliana*	14.7	23.7	16.2	1.6	0.2	1.8	0.8
2544	**017f01**	AV643409	HCL069c01	Unnamed protein product	*Homo sapiens*	7.7	11.4	8.1	1.8	0.7	1.4	0.1
2545	**120h10**	AV636536	HC060g05	Unnamed protein product	*Homo sapiens*	12.4	19.2	14.3	1.6	0.3	1.4	0.3
2546	**034f01**	BP095999	MXL050g09	Unnamed protein product	*Homo sapiens*	7.6	6.3	4.9	0.8	0.2	1.3	0.2
2547	**003b08**	AV396026	CL55h04	Unnamed protein product	*Homo sapiens*	6.0	8.6	7.2	1.4	0.2	1.2	0.1
2548	**130c06**	AV643338	HCL067h02	Unnamed protein product	*Homo sapiens*	19.4	19.0	18.4	1.0	0.1	1.1	0.2
2549	**172f03**	BP098451	MXL093e10	Unnamed protein product	*Homo sapiens*	20.3	23.0	23.0	1.1	0.1	1.0	0.2
2550	**111f12**	BP098647	MXL096h07	Unnamed protein product	*Homo sapiens*	13.8	14.8	15.5	1.1	0.3	1.0	0.1
2551	**161h09**	BP093383	MXL007f10	Unnamed protein product	*Homo sapiens*	14.0	14.5	20.4	0.9	0.4	0.7	0.5
2552	**031b08**	BP086582	MX012b02	Uracil phosphoribosyltransferase-like protein	*Arabidopsis thaliana*	9.4	8.9	8.2	1.0	0.2	1.1	0.1
2553	**159g09**	BP088102	MX051f05	Urate oxidase II	*Chlamydomonas reinhardtii*	1009.4	287.3	844.9	0.3	0.0	0.3	0.1
2554	**016c03**	AV641864	HCL041e07	urea active transporter-like protein	*Arabidopsis thaliana*	2.5	3.4	3.4	1.4	0.7	1.0	0.5
2555	**027d03**	AV629156	LCL053c07	Uricase	*Medicago sativa*	9.4	7.9	8.7	0.9	0.3	0.9	0.2
2556	**030f07**	AV631854	LCL100h03	Uridine 5'-monophosphate synthase	*Nicotiana plumbaginifolia*	26.7	12.0	16.0	0.5	0.2	0.7	0.2
2557	**035h12**	BP097585	MXL078b01	Uridine kinase	*Mus musculus*	6.7	5.4	6.9	0.8	0.2	0.8	0.2
2558	**019c09**	AV619894	LC013c04	Uroporphyrinogen decarboxylase	*Nicotiana tabacum*	148.7	155.6	147.6	1.0	0.1	1.1	0.1
2559	**017h05**	AV643883	HCL077g02	Uroporphyrinogen decarboxylase	*Nicotiana tabacum*	46.2	26.3	42.5	0.6	0.2	0.6	0.1
2560	**156b06**	AV631743	LCL099a10	UVB-resistance protein UVR8	*Arabidopsis thaliana*	18.9	30.4	15.2	1.6	0.6	2.0	0.1
2561	**134h09**	AV619591	LC010e02	UVB-resistance protein UVR8	*Arabidopsis thaliana*	6.4	6.2	4.9	1.0	0.5	1.3	0.2
2562	**023a04**	AV624569	LC079e05	Vacuolar ATP synthase 16 KD proteolipid subunit	*Acetabularia acetabulum*	66.9	66.9	61.5	1.0	0.2	1.1	0.3
2563	**130e05**	BP098762	MXL098f10	Vacuolar ATP synthase catalytic subunit A isoform 1	*Acetabularia acetabulum*	32.2	37.3	36.4	1.1	0.2	1.0	0.2
2564	**012h12**	AV637714	HC076f01	Vacuolar ATP synthase catalytic subunit A isoform 1	*Acetabularia acetabulum*	22.7	19.1	23.3	0.8	0.1	0.8	0.3
2565	**009a02**	AV389903	CM081c01	Vacuolar ATP synthase subunit B isoform 1	*Acetabularia acetabulum*	43.8	53.0	54.8	1.2	0.1	1.0	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
2566	**019a06**	AV619421	LC008b04	Vacuolar ATPase subunit DVA41	*Dictyosteliumdiscoideum*	16.3	16.9	13.8	1.1	0.1	1.6	1.1
2567	**030h05**	BP086221	MX004d09	Vacuolar H+-ATPase subunit E	*Gossypiumhirsutum*	51.7	42.9	48.6	0.8	0.0	0.9	0.3
2568	**026f04**	AV628459	LCL042c01	Vacuolar H+-pyrophosphatase	*Oryza sativa*	54.9	54.2	55.1	1.0	0.1	1.0	0.3
2569	**030b02**	AV631387	LCL093a09	Vacuolar processing enzyme	*Arabidopsis thaliana*	2.1	1.3	1.2	0.6	0.2	2.4	3.1
2570	**024d07**	AV626532	LCL010g01	Vacuolar protein sorting homolog	*Mus musculus*	14.8	13.6	15.6	0.9	0.1	0.9	0.2
2571	**161a01**	BP089446	MX207e03	VacuolarH(+)-ATPasesubunit-like protein	*Arabidopsis thaliana*	16.1	25.6	21.2	1.8	0.7	1.5	0.9
2572	**026f10**	AV628503	LCL042h06	Valosin-containing protein	*Glycine max*	11.2	10.6	14.4	1.0	0.2	0.8	0.2
2573	**118a03**	AV633305	HC019c02	Valyl-tRNA synthetase	*Thermotoga maritima*	8.3	8.2	10.1	1.1	0.4	0.8	0.3
2574	**018c09**	AV644416	HCL088b04	Valyl-tRNA synthetase	*Thermotoga maritima*	9.0	7.0	9.6	0.8	0.1	0.7	0.1
2575	**172a03**	BP098170	MXL088f05	Vartul-2 protein	*Drosophila melanogaster*	278.7	262.1	228.1	1.0	0.5	1.9	1.7
2576	**106a04**	AV396978	CL73f04	Very-long-chain fatty acid condensingenzyme CUT1	*Arabidopsis thaliana*	8.8	10.1	11.7	1.1	0.1	1.0	0.6
2577	**031e04**	BP086924	MX020d09	Vesicle trafficking protein-like protein	*Arabidopsis thaliana*	8.7	7.5	5.3	0.9	0.1	1.4	0.4
2578	**033c10**	BP094296	MXL020g04	Vesicle-associated membrane protein-like	*Arabidopsis thaliana*	15.5	12.3	15.9	0.8	0.2	0.8	0.2
2579	**118f01**	AV633952	HC027d01	v-fos transformation effector protein	*Rattus norvegicus*	91.1	119.9	111.1	1.4	0.3	1.1	0.2
2580	**150h01**	AV629184	LCL053g11	Virulence sensor protein BVGS	*Bordetella parapertussis*	3.9	3.1	3.2	0.8	0.1	1.0	0.3
2581	**022a05**	AV390172	CM086c03	Voltage-dependent anion channel protein 2	*Zea mays*	32.0	65.8	47.2	2.1	0.6	1.4	0.1
2582	**010f11**	AV633406	HC020d12	Voltage-dependent anion channel protein 2	*Zea mays*	26.2	48.8	45.6	1.9	0.4	1.1	0.2
2583	**009c01**	AV390175	CM086c03	Voltage-dependent anion channel protein 2	*Zea mays*	50.6	44.5	43.5	0.9	0.1	1.0	0.3
2584	**106h08**	AV386666	CM004c08	Volvoxopsin	*Volvox carteri*	23.2	34.4	33.4	1.5	0.0	1.0	0.1
2585	**109g10**	AV388473	CM029g10	WD repeat-containing protein 10; WDR10p	*Homo sapiens*	69.5	63.5	36.2	0.9	0.2	1.8	0.1
2586	**143g04**	BP383832	LC100a01	Wilm's tumor supressor homolog	*Pinus taeda*	141.9	140.3	112.2	1.0	0.1	1.4	0.7
2587	**167a10**	BP095876	MXL048f06	Xanthine dehydrogenase homolog	*Arabidopsis thaliana*	5.9	7.1	5.3	1.5	1.0	2.1	1.5
2588	**036h09**	BP098875	MXL100f03	xl-Mago	*Xenopus laevis*	14.5	14.8	14.4	1.0	0.1	1.0	0.2
2589	**147e06**	AV627574	LCL028g10	YagE family	*Chlamydia pneumoniae*	47.2	33.4	42.8	0.7	0.1	0.8	0.3
2590	**002e02**	AV395445	CL41h06	Yer036cp	*Saccharomyces cerevisiae*	11.4	6.7	7.3	0.6	0.1	1.0	0.4
2591	**102b10**	AV394173	CL19g05	Yhr074wp	*Saccharomyces cerevisiae*	17.8	15.0	35.1	0.8	0.2	0.6	0.4
2592	**143h09**	AV626043	LCL001e11	yk13g5.3	*Caenorhabditis elegans*	25.6	22.5	27.5	0.9	0.1	0.8	0.1
2593	**019e03**	AV619963	LC015f03	Ylr388wp	*Saccharomyces cerevisiae*	91.5	104.9	67.9	1.1	0.1	1.6	0.5
2594	**011c04**	AV634533	HC034f06	YptC1	*Chlamydomonas reinhardtii*	19.1	23.1	24.1	1.2	0.1	1.0	0.1
2595	**019d09**	AV619768	LC014f01	YptC4	*Chlamydomonas reinhardtii*	89.0	81.9	64.6	0.9	0.1	1.6	1.0
2596	**008d06**	AV387616	CM069d04	YptC5	*Chlamydomonas reinhardtii*	17.8	19.5	21.5	1.1	0.3	1.0	0.4
2597	**022f02**	AV624022	LC071h05	YptC6	*Chlamydomonas reinhardtii*	21.6	32.4	25.7	1.5	0.1	1.2	0.1
2598	**035e08**	BP097114	MXL070d03	Zeaxanthin epoxidase	*Nicotiana tabacum*	14.5	14.6	24.8	1.0	0.2	0.6	0.4
2599	**027d06**	AV629169	LCL053f03	Zeta-carotene desaturase	*Narcissus pseudonarcissus*	28.1	16.4	22.3	0.6	0.0	0.8	0.2
2600	**011c12**	AV634678	HC036d04	Zinc-finger protein Lsd1	*Arabidopsis thaliana*	11.2	12.5	13.2	1.1	0.2	1.0	0.2
2601	**014e11**	AV629697	LCL064a01	Zygote-specific protein, pZS102-2	*Chlamydomonas reinhardtii*	170.4	103.8	113.4	0.6	0.1	0.9	0.2
2602	**029e07**	AV630918	LCL086c11	Zygote-specific protein, pZS102-69	*Chlamydomonas reinhardtii*	19.4	18.8	11.5	1.0	0.2	1.6	0.1
2603	**106h02**	AV386583	CM003h06			4.1	4.6	3.7	1.1	0.2	1.4	0.4
2604	**034h01**	BP096329	MXL056h02			0.2	0.3	0.5	207.3	412.1	107.6	213.3
2605	**168a04**	BP096278	MXL055h05			26.0	42.8	7.3	1.5	0.7	12.1	12.3
2606	**033d01**	BP094331	MXL021d04			40.2	28.2	2.8	0.7	0.1	10.5	1.5
2607	**024a09**	AV626310	LCL006f07			2.3	1.3	1.0	0.6	0.2	9.1	16.1
2608	**157b11**	BP086692	MX014e02			29.3	37.6	6.4	1.3	0.2	8.5	6.6
2609	**021e03**	AV622398	LC049b07			36.5	66.6	7.8	1.8	0.4	8.4	3.0
2610	**171b02**	BP097733	MXL080d11			4.8	30.9	6.2	6.4	0.2	7.1	4.0
2611	**171a09**	BP097712	MXL080b03			16.0	21.9	10.3	1.4	0.7	6.9	7.4
2612	**101c05**	AV393402	CL03h02			17.2	35.2	5.4	1.9	1.1	6.8	4.9
2613	**018g10**	AV619108	LC003h05			10.9	39.4	8.8	3.8	4.0	6.8	7.5
2614	**023a02**	AV624504	LC078f04			70.3	67.0	11.2	1.5	1.3	6.7	4.2
2615	**136e04**	AV620728	LC026a11			8.8	53.1	9.8	5.6	4.9	6.6	8.4
2616	**154b08**	AV630834	LCL084h11			4.7	23.3	5.3	5.7	5.6	6.5	6.8
2617	**164a04**	BP094602	MXL025e06			6.5	12.9	3.4	2.5	2.2	6.4	6.3
2618	**134c06**	AV619125	LC004b05			9.0	33.4	7.2	3.3	3.0	5.9	7.5
2619	**169a08**	BP096805	MXL065b08			4.7	10.5	2.5	2.3	0.3	5.9	3.5
2620	**155a11**	AV631284	LCL091d09			16.4	22.6	11.4	1.8	1.2	5.9	5.8
2621	**011a07**	AV634051	HC028f03			45.0	27.0	4.9	0.8	0.3	5.8	3.1
2622	**163a09**	BP094050	MXL017d12			21.8	20.8	14.7	1.0	0.4	5.7	6.2
2623	**156g12**	BP086360	MX007c05			21.1	50.7	8.9	2.5	2.1	5.7	4.7
2624	**164a10**	BP094627	MXL025h10			9.4	9.3	5.0	1.0	0.2	5.6	5.9
2625	**110c10**	AV389138	CM035c06			10.2	167.3	35.4	17.9	11.6	5.4	3.8
2626	**164b02**	BP094634	MXL026a11			20.1	31.6	13.2	1.6	0.4	5.4	4.6
2627	**004a07**	AV397820	CM002a08			3.7	6.1	1.2	1.5	1.1	5.2	3.5
2628	**155a08**	AV631276	LCL091c06			7.2	11.6	3.7	2.1	1.3	5.2	3.9
2629	**022d07**	AV623782	LC068e09			10.5	44.4	8.5	4.0	4.1	5.2	5.4
2630	**156c12**	AV631850	LCL100g10			29.5	52.0	18.2	1.6	0.6	5.1	4.9
2631	**172a09**	BP098186	MXL088h11			12.6	15.5	4.8	1.2	0.3	5.1	4.1
2632	**155b07**	AV631306	LCL091g07			11.2	16.7	5.2	1.5	0.6	5.0	4.4
2633	**158a07**	BP087406	MX033h04			8.8	15.2	6.7	1.7	0.6	5.0	4.8
2634	**172b02**	BP098206	MXL089d01			19.0	16.3	7.7	0.9	0.3	5.0	4.5
2635	**161a10**	BP092933	MXL001a06			18.2	18.0	10.5	1.0	0.1	5.0	5.2
2636	**157a07**	BP086519	MX010f01			11.4	17.9	3.9	1.8	1.0	5.0	1.0
2637	**157c03**	BP086713	MX015a07			117.3	168.5	43.6	1.4	0.5	4.9	4.0
2638	**172b08**	BP098251	MXL090b10			8.7	23.5	5.4	3.0	2.2	4.9	3.7
2639	**030b12**	AV631464	LCL094e05			3.3	2.9	1.4	0.9	0.0	4.9	5.5
2640	**163a06**	BP094035	MXL017c04			10.9	22.0	5.5	2.0	0.4	4.8	1.9
2641	**156a08**	AV631687	LCL098c03			63.2	94.4	44.8	1.7	0.8	4.7	4.3
2642	**160a08**	BP088320	MX057c11			10.0	14.4	5.3	1.6	1.0	4.7	4.1
2643	**162d05**	BP093680	MXL012a01			6.6	51.0	10.9	7.8	2.7	4.7	1.8
2644	**156c04**	AV631786	LCL099h03			7.7	15.9	4.4	2.3	1.1	4.6	2.9
2645	**168a07**	BP096289	MXL056a06			11.7	19.4	10.0	2.0	1.3	4.5	4.5
2646	**160b03**	BP088353	MX058e04			4.6	9.4	2.6	2.1	0.4	4.5	1.9
2647	**163a08**	BP094037	MXL017c06			10.2	14.4	5.4	1.5	0.7	4.5	3.9
2648	**169a09**	BP096807	MXL065b12			4.1	5.9	2.1	1.6	0.9	4.3	3.4
2649	**166a11**	BP095451	MXL042a05			9.6	15.1	9.3	1.8	0.9	4.3	4.0
2650	**163a11**	BP094062	MXL017f04			8.5	12.5	6.3	1.5	0.4	4.3	3.7
2651	**160a11**	BP088347	MX058d07			86.6	152.4	63.1	1.8	0.2	4.2	3.5
2652	**167a07**	BP095865	MXL048e06			25.4	36.7	20.8	1.7	1.1	4.2	4.0
2653	**170c06**	BP097336	MXL074a11			100.4	138.5	34.8	1.4	0.1	4.2	2.1
2654	**166a07**	BP095436	MXL041g08			11.0	15.7	7.4	1.5	0.5	4.1	3.4
2655	**155b12**	AV631336	LCL092c03			9.3	11.8	4.9	1.3	0.6	4.1	3.6
2656	**035h02**	BP097437	MXL075f11			6.3	28.0	7.5	4.4	1.3	4.1	2.0
2657	**170a09**	BP097224	MXL072a12			22.4	22.8	13.0	1.0	0.3	4.0	3.7
2658	**157a09**	BP086545	MX011b06			12.2	18.6	7.1	1.5	0.3	4.0	3.0
2659	**162a10**	BP093478	MXL008h10			8.0	7.3	3.6	0.9	0.2	4.0	3.4
2660	**134b03**	AV619000	LC002d10			10.6	31.7	9.5	2.6	2.3	3.9	4.4
2661	**156a11**	AV631705	LCL098e02			7.8	12.6	6.0	1.7	0.6	3.9	3.4
2662	**004a04**	AV386469	CM001e08			14.0	15.7	4.1	1.6	0.6	3.9	3.1
2663	**001f12**	AV394169	CL19g01			1.6	5.0	1.7	2.9	2.1	3.9	3.6
2664	**166a09**	BP095440	MXL041h01			7.0	9.1	3.5	1.3	0.2	3.8	2.7
2665	**170a12**	BP097251	MXL072e07			27.2	29.1	18.4	1.2	0.5	3.8	3.5
2666	**136e11**	AV620759	LC026e01			7.2	32.6	8.4	4.7	3.1	3.8	1.8
2667	**162a11**	BP093480	MXL009a02			17.1	25.7	17.2	1.6	0.6	3.8	3.4
2668	**163a07**	BP094036	MXL017c05			11.3	12.8	6.7	1.2	0.4	3.7	3.4
2669	**165a08**	BP095033	MXL034g05			6.0	8.4	4.8	1.5	0.6	3.7	3.3
2670	**024f09**	AV626735	LCL014f07			7.1	22.0	6.7	3.3	0.9	3.7	2.1
2671	**163b04**	BP094085	MXL017h11			11.1	15.8	6.6	1.5	0.5	3.7	2.9
2672	**166a08**	BP095439	MXL041g12			12.6	15.5	7.7	1.2	0.3	3.7	3.3

	A	B	C	D	E	F	G	H	I	J	K	L
2673	**157a08**	BP086532	MX010h03			4.9	7.9	3.0	1.7	1.0	3.7	3.1
2674	**011b07**	AV634389	HC032g05			56.1	60.8	17.1	1.3	0.6	3.7	1.1
2675	**005e09**	AV387560	CM026c03			46.5	25.1	7.1	0.8	0.4	3.6	1.6
2676	**169a04**	BP096779	MXL064g02			7.4	9.6	4.0	1.3	0.5	3.6	3.0
2677	**163a02**	BP094015	MXL017a05			7.3	6.4	3.5	0.9	0.3	3.6	3.4
2678	**160b11**	BP088442	MX060f03			4.8	7.5	3.2	1.6	0.4	3.6	2.6
2679	**168a12**	BP096315	MXL056e05			8.0	11.7	5.6	1.5	0.2	3.6	2.8
2680	**170b06**	BP097279	MXL072h08			124.0	220.0	63.3	2.1	1.2	3.6	1.2
2681	**171a11**	BP097716	MXL080b12			124.9	188.4	99.0	1.5	0.2	3.5	2.9
2682	**158a06**	BP087383	MX033e01			18.7	27.0	9.2	1.5	0.4	3.5	2.0
2683	**157b01**	BP086581	MX012a11			11.6	19.3	7.8	1.6	0.2	3.5	2.7
2684	**164a09**	BP094623	MXL025h04			4.9	8.0	3.2	1.6	0.8	3.5	3.5
2685	**166a03**	BP095423	MXL041e08			11.6	12.7	8.0	1.1	0.2	3.5	3.3
2686	**035d03**	BP096960	MXL067g08			4.6	9.1	2.7	2.5	1.6	3.5	0.7
2687	**171a12**	BP097724	MXL080c10			24.9	36.2	15.5	1.4	0.2	3.5	2.8
2688	**170a10**	BP097245	MXL072d11			25.6	39.5	19.5	1.5	0.3	3.5	2.8
2689	**158a11**	BP087447	MX034g03			7.1	13.1	6.2	2.1	1.3	3.4	2.8
2690	**159d11**	BP087793	MX043g04			131.9	187.5	57.2	1.7	0.6	3.4	1.2
2691	**168a11**	BP096305	MXL056c10			12.8	15.7	7.6	1.2	0.2	3.4	2.7
2692	**156b12**	AV631774	LCL099f03			11.9	13.6	7.6	1.4	0.6	3.4	2.7
2693	**156d05**	BP086072	MX001d04			7.3	47.0	14.5	6.5	2.4	3.4	1.7
2694	**018h04**	AV619185	LC004h06			8.9	16.7	4.9	1.9	0.3	3.4	0.9
2695	**161a03**	BP089459	MX207g04			8.1	10.3	4.0	1.3	0.4	3.4	2.3
2696	**157a02**	BP086450	MX009b02			5.6	7.0	2.6	1.4	0.4	3.4	1.9
2697	**158b12**	BP087568	MX037f06			24.3	23.7	11.6	1.0	0.6	3.3	3.0
2698	**161a12**	BP092948	MXL001c06			6.9	9.5	5.7	1.4	0.3	3.3	2.7
2699	**130a09**	AV643233	HCL066a11			17.9	34.5	10.9	1.8	0.6	3.3	2.1
2700	**028b07**	AV629684	LCL063f10			4.8	20.8	5.6	4.4	3.7	3.3	2.6
2701	**165a02**	BP095012	MXL034d07			10.3	12.5	6.2	1.3	0.6	3.3	2.7
2702	**167b06**	BP095909	MXL049b07			5.8	10.9	3.8	2.2	1.4	3.3	1.9
2703	**165a11**	BP095049	MXL035a02			4.8	6.4	3.7	1.5	0.6	3.3	2.8
2704	**033b01**	BP094008	MXL016h07			11.2	14.2	4.6	1.6	1.1	3.2	0.7
2705	**162a06**	BP093453	MXL008f03			13.7	16.9	8.5	1.3	0.4	3.2	2.5
2706	**172b03**	BP098215	MXL089e02			7.6	8.8	5.7	1.4	0.7	3.2	2.8
2707	**163a03**	BP094023	MXL017b02			9.7	10.8	4.8	1.1	0.4	3.2	2.3
2708	**161b12**	BP092991	MXL001h07			11.4	13.3	7.0	1.2	0.6	3.2	2.8
2709	**171a08**	BP097708	MXL080a10			10.8	9.5	7.6	0.9	0.2	3.2	3.0
2710	**168c03**	BP096377	MXL057g08			32.1	62.3	20.9	1.9	0.3	3.2	1.3
2711	**161b02**	BP092954	MXL001d02			5.3	8.4	3.6	1.6	0.2	3.2	1.9
2712	**135f03**	AV620059	LC017a08			9.4	61.1	12.0	7.5	4.8	3.2	0.6
2713	**155a10**	AV631283	LCL091d08			8.4	7.5	4.0	1.0	0.3	3.2	2.5
2714	**106d07**	AV397181	CL79h09			4.6	8.5	2.7	1.9	0.6	3.2	0.8
2715	**167a08**	BP095868	MXL048e09			9.1	9.7	7.1	1.2	0.3	3.2	2.8
2716	**007d01**	AV391467	CM054g07			43.3	74.6	24.9	1.9	0.7	3.2	1.0
2717	**021f01**	AV622584	LC051e12			5.6	13.2	4.5	2.2	1.1	3.2	2.4
2718	**156b04**	AV631736	LCL099a02			10.6	12.2	5.3	1.2	0.4	3.1	2.1
2719	**166a02**	BP095416	MXL041d12			7.0	6.1	2.8	0.8	0.2	3.1	2.6
2720	**003b07**	AV396068	CL55g01			97.7	91.1	30.5	0.9	0.1	3.1	0.9
2721	**172a06**	BP098176	MXL088g06			8.2	14.4	6.8	1.7	0.4	3.1	2.6
2722	**157a03**	BP086468	MX009e05			38.1	85.8	39.6	2.3	0.7	3.1	2.3
2723	**163b11**	BP094140	MXL018f09			5.0	8.2	3.5	1.7	0.2	3.1	1.7
2724	**159c12**	BP087770	MX043c06			6.5	18.8	9.6	3.1	1.3	3.1	2.6
2725	**156a10**	AV631700	LCL098d09			6.8	6.8	2.8	1.1	0.7	3.1	2.2
2726	**168a10**	BP096298	MXL056b12			13.5	14.3	7.8	1.1	0.1	3.1	2.5
2727	**135b07**	AV619747	LC012f01			6.4	27.9	10.9	4.9	3.0	3.1	2.1
2728	**158b03**	BP087502	MX035g10			4.7	4.4	1.9	1.0	0.3	3.1	2.1
2729	**160b04**	BP088369	MX058g06			6.6	17.2	8.3	2.8	1.1	3.1	1.9
2730	**165a12**	BP095063	MXL035b11			23.0	22.5	13.9	1.0	0.1	3.0	2.5
2731	**158b11**	BP087560	MX037d12			8.2	12.3	5.6	1.7	1.2	3.0	2.5
2732	**112e05**	BP096549	MX048c05			15.4	41.0	13.2	2.6	0.6	3.0	0.5
2733	**122a09**	AV637826	HC078a08			105.1	121.2	41.8	1.2	0.1	3.0	1.1
2734	**152h01**	AV630173	LCL074g11			47.6	46.6	17.9	1.1	0.3	3.0	1.7
2735	**033e11**	BP094576	MXL025b08			34.2	54.7	22.9	1.7	0.3	3.0	1.4
2736	**159c05**	BP087755	MX043a02			14.7	26.2	8.5	1.9	1.0	3.0	0.8
2737	**159a11**	BP087731	MX042e01			84.1	129.6	80.7	1.5	0.2	3.0	2.5
2738	**155b02**	AV631294	LCL091e12			8.7	10.8	6.2	1.4	0.8	3.0	2.7
2739	**167a04**	BP095857	MXL048d08			20.2	23.0	16.1	1.3	0.6	3.0	2.8
2740	**158a03**	BP087343	MX032e02			31.1	42.3	20.5	1.4	0.5	3.0	2.3
2741	**165c09**	BP095147	MXL036f03			157.4	229.6	76.6	1.5	0.5	3.0	0.3
2742	**006g03**	AV390392	CM045h11			10.9	26.3	9.1	2.4	0.4	3.0	0.7
2743	**171a07**	BP097700	MXL079h05			5.2	5.8	3.2	1.3	0.9	3.0	2.4
2744	**158c04**	BP087590	MX038c04			3.6	5.6	2.6	1.8	1.1	2.9	2.2
2745	**024f11**	AV626744	LCL014g04			33.3	37.4	12.9	1.1	0.0	2.9	0.4
2746	**134b06**	AV619017	LC002f06			13.9	34.7	13.6	2.3	2.0	2.9	3.3
2747	**167b11**	BP095942	MXL049g07			8.9	11.9	5.3	1.4	0.5	2.9	1.9
2748	**162b11**	BP093554	MXL010a10			3.2	4.6	2.3	1.6	0.6	2.9	2.2
2749	**019a12**	AV619516	LC009d05			35.3	38.1	13.0	1.3	0.7	2.9	0.8
2750	**156b10**	AV631750	LCL099b09			13.9	15.5	8.6	1.5	0.8	2.9	2.1
2751	**158b02**	BP087494	MX035f09			12.7	17.6	7.1	1.5	0.6	2.9	1.1
2752	**138a05**	AV622043	LC044c09			61.5	73.7	25.8	1.9	1.2	2.9	0.4
2753	**105a08**	AV396286	CL57a06			2.8	3.5	1.3	1.3	0.3	2.9	1.3
2754	**137a08**	AV621180	LC032d01			9.7	14.6	5.1	1.6	0.9	2.9	1.2
2755	**164a07**	BP094618	MXL025g07			8.3	12.1	6.5	1.6	0.7	2.8	2.2
2756	**162a09**	BP093465	MXL008g06			15.6	20.7	10.8	1.3	0.2	2.8	2.1
2757	**158b04**	BP087508	MX035h12			37.3	52.5	24.0	1.4	0.4	2.8	2.1
2758	**144g03**	AV626344	LCL007d02			79.7	73.0	30.0	0.9	0.1	2.8	2.5
2759	**115a10**	AV390348	CM083h07			6.2	14.8	5.3	2.4	0.2	2.8	0.6
2760	**164a05**	BP094606	MXL025e12			51.0	33.3	22.3	0.6	0.3	2.8	2.8
2761	**118f04**	AV633991	HC027g12			6.1	10.8	4.3	1.7	0.8	2.8	1.8
2762	**155h06**	AV631644	LCL097e03			24.8	59.9	25.0	2.1	1.6	2.8	2.8
2763	**158a08**	BP087434	MX034d11			10.8	14.3	8.4	1.4	0.7	2.8	2.4
2764	**166a12**	BP095452	MXL042a06			8.2	9.5	5.5	1.2	0.0	2.8	2.0
2765	**165a10**	BP095040	MXL034h04			5.8	6.3	3.5	1.1	0.2	2.8	2.5
2766	**149c01**	AV628412	LCL041d06			31.3	47.4	25.7	1.7	1.3	2.8	2.6
2767	**028d01**	AV629866	LCL067h09			1.4	20.3	8.3	15.6	7.3	2.8	1.6
2768	**168a09**	BP096297	MXL056b11			9.4	12.2	6.3	1.4	0.6	2.8	2.1
2769	**167a05**	BP095861	MXL048e02			12.6	16.3	10.6	1.3	0.1	2.8	2.4
2770	**157a05**	BP086484	MX009h06			8.7	10.6	6.4	1.3	0.3	2.8	1.9
2771	**163b10**	BP094134	MXL018f03			5.4	8.1	4.5	1.7	0.7	2.8	2.0
2772	**163c11**	BP094209	MXL019f01			4.0	8.9	4.1	2.4	1.3	2.7	2.0
2773	**157a06**	BP086513	MX010e05			4.4	6.4	2.7	1.5	0.4	2.7	1.3
2774	**104c12**	AV395814	CL48h03			4.1	5.3	3.1	1.4	0.7	2.7	2.3
2775	**170e12**	BP097481	MXL076d11			24.2	64.8	23.5	2.6	0.5	2.7	0.5
2776	**166a06**	BP095428	MXL041f06			25.8	32.5	14.3	1.3	0.4	2.7	1.3
2777	**156a03**	AV631670	LCL097h12			21.5	26.7	10.2	1.3	0.4	2.7	1.0
2778	**155b01**	BP098885	MXL100g11			6.6	6.3	3.3	1.0	0.3	2.7	1.6
2779	**134e03**	BP098768	MXL098g09			6.5	13.5	5.8	1.9	1.0	2.7	2.5

	A	B	C	D	E	F	G	H	I	J	K	L
2780	**172a12**	BP098194	MXL089b02			209.3	286.2	134.2	1.4	0.3	2.7	1.5
2781	**124d07**	AV640135	HCL011a06			18.2	39.4	17.7	2.2	0.9	2.7	1.9
2782	**029d12**	AV630861	LCL085d01			5.6	15.1	6.0	2.6	1.9	2.7	2.3
2783	**172a02**	BP098169	MXL088f03			15.4	13.6	9.4	0.9	0.1	2.7	2.1
2784	**156c02**	AV631781	LCL099g04			9.3	19.2	9.6	2.1	0.4	2.7	1.5
2785	**165a06**	BP095030	MXL034g01			7.6	9.3	5.1	1.4	0.7	2.7	2.1
2786	**028h01**	AV630327	LCL077c09			19.8	18.9	7.0	1.3	0.6	2.7	0.3
2787	**159c04**	BP087754	MX042h11			8.0	15.7	7.0	2.1	0.7	2.7	1.4
2788	**166b10**	BP095501	MXL042g09			11.5	14.9	7.2	1.2	0.2	2.7	2.1
2789	**166a01**	BP095414	MXL041d08			7.0	8.3	4.9	1.4	0.7	2.7	2.1
2790	**020e01**	AV621089	LC031a12			9.2	22.4	8.8	2.5	1.0	2.7	1.1
2791	**157b02**	BP086589	MX012d02			68.9	80.5	32.3	1.2	0.0	2.7	1.4
2792	**150b08**	AV628895	LCL048f02			4.4	7.8	2.8	1.9	1.3	2.7	1.5
2793	**155a12**	AV631288	LCL091e02			4.7	4.5	3.0	1.0	0.2	2.7	2.3
2794	**124a06**	AV639943	HCL007f07			17.0	11.5	4.3	1.1	0.7	2.7	0.2
2795	**135g10**	AV620236	LC019d04			5.8	16.7	6.2	2.8	1.1	2.7	1.0
2796	**023h01**	AV626132	LCL002h05			24.7	24.5	9.7	1.0	0.1	2.7	0.7
2797	**162a03**	BP093418	MXL008b05			25.7	22.9	11.0	0.9	0.4	2.7	2.0
2798	**159b12**	BP087749	MX042g12			36.0	36.3	22.8	1.0	0.3	2.6	2.4
2799	**168a06**	BP096282	MXL055h09			62.4	76.3	44.5	1.2	0.5	2.6	2.2
2800	**136c06**	AV620610	LC024d01			15.3	28.7	12.9	1.8	0.6	2.6	2.0
2801	**160b02**	BP088350	MX058e01			6.5	7.5	3.8	1.1	0.2	2.6	1.6
2802	**160a02**	BP088251	MX055d04			9.2	8.7	4.4	1.0	0.1	2.6	1.6
2803	**162b10**	BP093537	MXL009g10			10.7	14.5	8.3	1.4	0.3	2.6	1.8
2804	**161c04**	BP093004	MXL002a09			5.1	6.9	4.1	1.5	0.6	2.6	1.9
2805	**158b06**	BP087522	MX036d04			5.1	6.7	2.9	1.3	0.2	2.6	1.0
2806	**164b12**	BP094666	MXL026g09			5.2	11.4	5.7	2.5	1.0	2.6	1.4
2807	**163b02**	BP094082	MXL017h07			3.5	5.5	2.5	1.6	0.4	2.6	1.1
2808	**120c06**	AV635916	HC052f06			13.3	25.6	10.3	2.0	0.4	2.6	0.9
2809	**172a04**	BP098174	MXL088g04			45.4	65.3	39.1	1.4	0.4	2.6	2.2
2810	**162e04**	BP093754	MXL013b08			11.6	36.4	14.2	3.1	0.3	2.6	0.7
2811	**145a02**	AV626451	LCL009c09			8.0	32.5	13.1	4.0	0.8	2.6	0.5
2812	**155b10**	AV631321	LCL092a02			9.9	9.7	6.0	1.2	0.7	2.6	2.0
2813	**155c02**	AV631338	LCL092c05			302.2	407.9	376.8	1.6	0.8	2.6	2.4
2814	**168b01**	BP096319	MXL056f02			8.7	10.1	5.3	1.2	0.1	2.6	1.5
2815	**171b04**	BP097744	MXL080f06			4.3	7.4	3.7	2.2	1.7	2.6	1.6
2816	**159a04**	BP087721	MX042c08			18.5	13.4	8.6	0.7	0.4	2.6	2.5
2817	**160a07**	BP088273	MX055h07			6.4	6.0	3.6	0.9	0.1	2.6	1.9
2818	**159a07**	BP087725	MX042d02			3.3	4.2	2.3	1.3	0.4	2.6	1.7
2819	**137g11**	AV621903	LC042d08			27.3	24.6	9.8	1.0	0.3	2.6	0.4
2820	**035f02**	BP097200	MXL071f11			6.3	7.8	4.3	1.2	0.2	2.6	1.5
2821	**168c12**	BP096425	MXL058e09			31.7	35.3	16.5	1.1	0.1	2.6	1.6
2822	**162c09**	BP093642	MXL011d05			33.9	28.0	13.4	0.9	0.4	2.5	1.8
2823	**102a03**	AV394133	CL17f03			2.2	1.9	2.2	1.2	0.6	2.5	3.7
2824	**140h03**	AV624107	LC073a07			151.9	130.8	68.7	0.9	0.0	2.5	2.1
2825	**030h08**	BP086268	MX005d05			12.5	14.9	5.9	1.2	0.1	2.5	0.5
2826	**160d05**	BP088585	MX064c10			9.4	29.1	11.5	3.4	2.7	2.5	1.4
2827	**160a05**	BP088266	MX055g09			20.2	22.6	12.9	1.1	0.3	2.5	2.0
2828	**167a03**	BP095851	MXL048c12			10.0	12.9	6.8	1.3	0.3	2.5	1.4
2829	**159c02**	BP087751	MX042h03			6.7	12.0	6.7	2.0	0.8	2.5	1.5
2830	**157b07**	BP086614	MX012h03			3.2	4.3	2.5	1.9	1.1	2.5	1.6
2831	**138c05**	AV622178	LC046b09			11.3	34.2	14.2	3.0	0.8	2.5	0.4
2832	**162a01**	BP093404	MXL007h10			10.7	12.1	7.6	1.3	0.7	2.5	2.1
2833	**007g04**	AV392251	CM059g10			8.1	27.1	11.1	3.3	0.2	2.5	0.7
2834	**158e07**	BP087659	MX040e04			113.5	145.0	64.4	1.2	0.7	2.5	2.1
2835	**170a04**	BP097206	MXL071g08			7.1	5.5	3.3	0.9	0.4	2.5	1.7
2836	**109e12**	AV387715	CM027g09			12.3	14.5	5.9	1.3	0.4	2.5	0.4
2837	**161c05**	BP093012	MXL002b05			123.3	231.6	100.1	1.8	0.6	2.5	1.4
2838	**134f12**	AV619484	LC008h11			13.4	23.5	9.5	1.8	0.2	2.5	0.1
2839	**157b06**	BP086611	MX012g12			5.6	6.8	3.3	1.2	0.2	2.5	1.3
2840	**115e07**	AV391080	CM089b05			42.9	46.1	19.5	1.1	0.1	2.5	0.8
2841	**155a09**	AV631280	LCL091d04			21.5	26.0	13.5	1.2	0.2	2.5	1.3
2842	**143e02**	AV625742	LC097c05			10.7	16.5	7.1	1.8	0.9	2.5	1.0
2843	**157c02**	BP086707	MX014h07			42.6	52.3	27.2	1.2	0.5	2.5	1.9
2844	**172a10**	BP098187	MXL089a01			18.9	16.3	13.9	1.0	0.4	2.5	2.0
2845	**166a04**	BP095424	MXL041e09			8.0	8.9	5.0	1.2	0.4	2.5	1.8
2846	**145c07**	AV626593	LCL012a06			7.6	17.7	7.0	2.2	0.6	2.5	0.7
2847	**004d03**	AV386830	CM007e07			34.0	31.0	11.4	1.0	0.5	2.4	1.6
2848	**163a12**	BP094075	MXL017g10			4.7	4.4	3.3	0.9	0.1	2.4	2.1
2849	**153f01**	AV630557	LCL080f11			15.9	14.7	6.7	1.0	0.3	2.4	1.2
2850	**162a07**	BP093455	MXL008f05			13.3	13.3	7.3	1.0	0.2	2.4	1.5
2851	**162a12**	BP093492	MXL009b07			6.1	6.8	3.6	1.1	0.3	2.4	1.7
2852	**035e02**	BP097042	MXL069b02			6.4	10.0	4.1	1.6	0.3	2.4	0.1
2853	**166b02**	BP095457	MXL042b01			30.8	50.1	23.5	1.7	0.5	2.4	0.9
2854	**156b08**	AV631748	LCL099b07			9.5	31.2	14.2	3.5	1.1	2.4	0.7
2855	**168a08**	BP096293	MXL056b02			4.9	5.4	4.2	1.2	0.3	2.4	1.8
2856	**171g11**	BP098105	MXL087b08			87.4	89.5	36.5	1.1	0.6	2.4	0.5
2857	**142a09**	AV624891	LC084b08			14.5	18.2	7.8	1.3	0.3	2.4	0.6
2858	**151a12**	AV629332	LCL056g06			26.6	39.7	23.3	1.9	1.4	2.4	2.0
2859	**136f04**	BP383787	LC026h09			9.0	11.0	4.8	1.2	0.1	2.4	0.8
2860	**163c08**	BP094188	MXL019c12			109.9	176.8	81.1	1.7	0.3	2.4	1.1
2861	**156b01**	AV631722	LCL098g02			5.0	6.1	3.0	1.2	0.3	2.4	1.2
2862	**016b02**	AV641684	HCL038f07			4.4	8.7	3.5	2.0	0.4	2.4	0.6
2863	**164c09**	BP094713	MXL027h12			399.2	489.4	211.0	1.2	0.2	2.4	1.1
2864	**137h05**	AV621941	LC042h07			43.3	44.6	20.9	1.0	0.2	2.4	1.4
2865	**168e05**	BP096549	MXL060e10			27.7	63.3	26.6	2.3	0.4	2.4	0.6
2866	**170a11**	BP097250	MXL072e06			9.6	11.7	8.9	1.3	0.3	2.4	1.8
2867	**167b05**	BP095908	MXL049b04			5.0	6.2	4.9	2.0	1.4	2.4	2.0
2868	**168b06**	BP096332	MXL057a01			5.4	7.6	3.2	1.4	0.6	2.4	0.9
2869	**158a01**	BP087327	MX031h08			8.2	13.4	8.3	1.9	0.8	2.4	1.5
2870	**006h01**	AV390573	CM047a01			74.4	89.3	37.4	1.2	0.2	2.4	0.4
2871	**025d01**	AV627287	LCL024d10			13.6	14.7	16.8	1.1	0.1	2.4	2.2
2872	**156b07**	AV631744	LCL099a11			13.1	29.2	12.4	2.2	0.3	2.4	0.4
2873	**171c12**	BP097850	MXL082d01			47.2	69.0	35.8	1.5	0.2	2.4	1.4
2874	**122d05**	AV638221	HC083e02			27.9	31.4	13.6	1.2	0.3	2.4	0.7
2875	**163b01**	BP094077	MXL017h01			6.1	6.6	4.4	1.2	0.5	2.4	1.8
2876	**022g09**	AV624266	LC075c09			50.6	55.8	25.0	1.1	0.2	2.4	1.1
2877	**165a03**	BP095014	MXL034d11			42.4	46.0	25.9	1.1	0.3	2.4	1.6
2878	**032c01**	BP093052	MXL002f11			16.8	13.9	9.1	0.8	0.1	2.4	2.0
2879	**171a06**	BP097696	MXL079g12			12.7	14.9	8.7	1.2	0.2	2.4	1.4
2880	**029h11**	AV631230	LCL090f01			9.5	14.4	7.3	1.4	0.7	2.4	2.1
2881	**157b10**	BP086676	MX014b11			5.9	11.6	6.5	2.2	0.5	2.4	1.4
2882	**161a11**	BP092940	MXL001b05			61.0	65.9	42.1	1.1	0.2	2.4	1.7
2883	**134g10**	AV619535	LC009f08			22.4	97.6	43.8	4.7	1.5	2.4	0.7
2884	**158c02**	BP087574	MX037g03			25.4	35.2	27.2	1.4	0.4	2.4	2.0
2885	**160a03**	BP088257	MX055f04			23.7	23.2	12.2	1.0	0.4	2.4	1.6
2886	**116d03**	AV392700	CM098g11			8.0	18.1	7.8	2.3	0.5	2.4	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
2887	**134f01**	AV619407	LC007h11			9.4	19.3	8.1	2.0	0.8	2.4	1.0
2888	**161b04**	BP092963	MXL001e03			8.9	7.8	5.2	0.9	0.0	2.4	1.7
2889	**030f12**	BP086110	MX002b05			4.9	30.0	13.4	6.0	1.4	2.4	0.3
2890	**001b02**	AV393361	CL04b03			5.2	10.7	4.6	2.1	0.8	2.4	0.5
2891	**172a01**	BP098168	MXL088f02			12.5	12.3	8.8	1.1	0.5	2.3	1.8
2892	**004a12**	AV397883	CM002g12			6.5	8.3	4.7	1.7	1.6	2.3	2.1
2893	**127d12**	AV641809	HCL040f08			26.8	48.9	20.4	1.8	0.3	2.3	0.5
2894	**162e02**	BP093741	MXL012h09			17.3	35.5	15.1	2.1	0.6	2.3	0.6
2895	**160a09**	BP088332	MX057g04			12.7	16.4	9.3	1.3	0.4	2.3	1.6
2896	**147d01**	AV627495	LCL027f02			7.2	10.1	4.8	1.4	0.7	2.3	1.7
2897	**162c02**	BP093582	MXL010e01			5.0	8.3	4.1	1.9	0.9	2.3	1.1
2898	**165e07**	BP095239	MXL038f06			150.4	208.7	89.9	1.4	0.4	2.3	0.2
2899	**008a07**	AV392768	CM063g08			30.0	44.0	19.0	2.1	1.4	2.3	0.4
2900	**163b09**	BP094126	MXL018e05			20.0	26.2	14.3	1.3	0.5	2.3	1.6
2901	**016h05**	AV642676	HCL055h04			0.7	0.9	0.6	2.9	3.6	2.3	1.7
2902	**167a02**	BP095849	MXL048c08			6.6	9.8	6.5	1.5	0.7	2.3	2.0
2903	**151a09**	AV629314	LCL056d06			145.9	147.4	77.2	1.1	0.1	2.3	1.6
2904	**168b03**	BP096322	MXL056g01			18.3	22.1	12.3	1.2	0.3	2.3	1.3
2905	**123c10**	AV639494	HC100a12			32.1	21.1	10.1	0.8	0.3	2.3	1.1
2906	**165a07**	BP095032	MXL034g03			12.4	18.1	10.4	1.5	0.2	2.3	1.4
2907	**007e04**	AV391824	CM056f05			6.0	7.9	3.5	1.4	0.2	2.3	0.5
2908	**164c03**	BP094676	MXL027a10			7.8	11.5	5.7	1.9	1.3	2.3	1.2
2909	**019a01**	AV619350	LC007a12			22.2	38.6	19.7	2.0	1.3	2.3	1.5
2910	**004b07**	AV386564	CM003h01			25.4	16.6	16.8	0.8	0.2	2.3	2.5
2911	**029a01**	AV630446	LCL079a01			9.3	15.1	6.9	1.8	1.3	2.3	1.5
2912	**002d12**	AV395380	CL40h12			7.0	7.3	3.3	1.0	0.4	2.3	1.0
2913	**160c01**	BP088463	MX061a11			185.2	282.3	155.2	1.5	0.2	2.3	1.4
2914	**011h06**	AV635680	HC049e02			18.8	15.0	6.5	0.8	0.1	2.3	0.6
2915	**155a07**	AV631258	LCL091a05			4.5	4.1	2.6	1.0	0.4	2.3	1.5
2916	**148f09**	AV628135	LCL037c08			26.4	43.3	24.3	1.6	1.2	2.3	2.1
2917	**167b03**	BP095898	MXL049a04			26.8	23.3	12.3	0.9	0.2	2.3	1.3
2918	**003d06**	AV396314	CL61g12			21.8	33.9	14.8	1.8	0.8	2.3	0.3
2919	**163a04**	BP094029	MXL017b10			12.9	11.2	8.1	1.0	0.5	2.3	2.0
2920	**168b05**	BP096325	MXL056g09			43.7	39.3	31.0	1.2	0.9	2.3	2.1
2921	**103g09**	AV395490	CL42b10			4.2	6.0	3.1	1.5	0.3	2.3	1.5
2922	**161a06**	BP089472	MX207h07			9.4	9.9	6.5	1.1	0.3	2.3	1.6
2923	**163a01**	BP094014	MXL017a03			14.0	13.5	8.2	1.0	0.4	2.3	1.6
2924	**139c01**	AV622904	LC056d02			11.3	10.2	4.7	0.9	0.1	2.3	0.6
2925	**114d02**	AV389240	CM075h07			29.9	40.6	18.6	1.5	0.5	2.3	0.7
2926	**160b08**	BP088401	MX059e04			8.3	22.5	11.0	2.8	1.5	2.3	1.1
2927	**162b08**	BP093524	MXL009f05			16.1	42.9	22.0	2.7	0.3	2.3	0.8
2928	**148c07**	AV627941	LCL034b12			8.4	20.2	8.6	2.3	1.2	2.3	1.3
2929	**122f02**	AV638566	HC088a05			13.9	20.1	10.0	1.5	0.7	2.3	1.6
2930	**132h02**	AV644844	HCL094e12			4.9	28.5	12.7	6.0	2.0	2.3	0.5
2931	**169a07**	BP096795	MXL065a05			4.7	5.8	3.9	1.3	0.3	2.3	1.7
2932	**136b10**	AV620561	LC023g01			10.3	16.6	9.2	1.5	0.4	2.3	1.8
2933	**172b12**	BP098282	MXL090g10			41.1	57.9	41.2	1.5	0.7	2.2	1.7
2934	**137d01**	AV621491	LC036h02			287.7	193.4	93.7	0.7	0.0	2.2	1.6
2935	**162b05**	BP093517	MXL009e07			16.6	18.3	12.3	1.6	1.0	2.2	1.6
2936	**155b08**	AV631313	LCL091h06			7.2	11.4	5.5	1.8	0.6	2.2	0.5
2937	**137d12**	AV621596	LC038c04			4.7	9.4	4.6	2.0	0.7	2.2	1.1
2938	**164c12**	BP094720	MXL028b08			14.0	24.4	12.9	1.7	0.2	2.2	1.1
2939	**127b06**	AV641664	HCL038d01			32.2	67.6	29.9	2.1	0.4	2.2	0.3
2940	**169a01**	BP096763	MXL064e04			5.7	5.9	3.4	1.2	0.7	2.2	1.5
2941	**166b04**	BP095473	MXL042d04			6.9	9.5	5.5	1.7	0.8	2.2	1.3
2942	**156b09**	AV631749	LCL099b08			51.8	49.0	33.6	1.0	0.5	2.2	2.0
2943	**162a08**	BP093463	MXL008g04			10.6	13.1	10.3	1.4	0.7	2.2	1.9
2944	**144b08**	AV626163	LCL003d07			14.0	23.0	10.8	1.6	0.2	2.2	0.5
2945	**144b06**	AV626159	LCL003c12			13.6	22.4	11.1	1.7	0.2	2.2	0.7
2946	**169b11**	BP096865	MXL066b01			10.4	10.5	7.7	1.3	0.6	2.2	1.4
2947	**168a02**	BP096273	MXL055g11			16.4	18.3	10.5	1.1	0.5	2.2	1.6
2948	**167c03**	BP095956	MXL050a07			30.2	47.8	26.0	1.7	1.0	2.2	1.6
2949	**108a03**	AV387391	CM014h02			9.3	25.2	12.8	2.5	0.5	2.2	1.8
2950	**162c05**	BP093588	MXL010e11			9.1	16.2	8.4	1.8	0.6	2.2	1.1
2951	**159a01**	BP087718	MX042b12			33.9	59.4	30.5	1.8	0.7	2.2	1.3
2952	**135d04**	AV619926	LC015b05			15.8	25.8	13.5	1.6	0.9	2.2	1.9
2953	**169b03**	BP096835	MXL065f05			21.2	15.0	12.3	0.8	0.4	2.2	1.8
2954	**166a10**	BP095450	MXL042a04			8.9	8.7	6.2	1.0	0.3	2.2	1.8
2955	**014h11**	AV640566	HCL018d10			0.7	1.0	0.8	1.3	0.3	2.2	2.1
2956	**156a04**	AV631674	LCL098a06			21.7	20.0	12.5	0.9	0.2	2.2	1.4
2957	**157a11**	BP086577	MX011h10			9.7	12.6	8.1	1.4	0.3	2.2	1.3
2958	**165c11**	BP095162	MXL036h05			9.8	10.9	8.2	1.3	0.7	2.2	1.8
2959	**018f07**	AV619033	LC002h01			109.3	102.7	47.2	0.9	0.1	2.2	0.6
2960	**133e03**	AV645070	HCL097g11			68.2	91.7	47.4	1.3	0.2	2.2	1.4
2961	**164c01**	BP094670	MXL026h05			25.0	37.1	18.8	1.5	0.2	2.2	0.7
2962	**136g04**	AV620861	LC027g09			3.4	15.2	7.4	4.5	1.9	2.2	1.0
2963	**172b01**	BP098204	MXL089c10			33.2	38.5	21.3	1.1	0.2	2.2	1.3
2964	**167b07**	BP095915	MXL049c08			8.0	12.6	6.9	1.7	0.7	2.2	1.2
2965	**168c01**	BP096367	MXL057f03			15.8	17.3	9.3	1.1	0.2	2.2	1.0
2966	**154c12**	AV630912	LCL086c01			112.0	95.9	45.0	0.9	0.3	2.2	0.3
2967	**161a08**	BP098868	MXL100e02			54.3	65.4	38.2	1.2	0.2	2.2	1.5
2968	**142b09**	AV624976	LC085c08			5.2	6.3	3.1	1.2	0.2	2.2	0.6
2969	**105b09**	AV396247	CL58h10			2.8	5.9	2.7	2.4	1.6	2.2	1.0
2970	**169b04**	BP096839	MXL065f11			8.2	9.7	6.1	1.5	1.0	2.2	1.5
2971	**140f11**	AV624002	LC071f02			15.8	35.7	17.0	2.7	1.1	2.2	0.4
2972	**128e02**	AV642406	HCL051c06			24.2	32.4	15.0	1.5	0.8	2.2	0.2
2973	**171a10**	BP097715	MXL080b11			8.6	8.6	5.7	1.0	0.2	2.2	1.5
2974	**109a05**	AV387814	CM023c01			61.5	73.0	34.4	1.2	0.1	2.2	0.3
2975	**168b12**	BP096365	MXL057e12			27.1	42.4	25.8	1.7	0.6	2.2	1.4
2976	**103h01**	AV395454	CL42f06			7.5	7.7	3.7	1.2	0.5	2.2	0.5
2977	**004h01**	AV387382	CM014e03			23.2	26.2	12.2	1.1	0.0	2.1	0.6
2978	**155b03**	AV631295	LCL091f02			6.6	7.0	4.0	1.1	0.5	2.1	0.9
2979	**156b05**	AV631738	LCL099a04			10.5	10.0	6.7	1.0	0.3	2.1	1.4
2980	**142g03**	AV625390	LC091h09			124.9	217.8	177.7	2.0	0.6	2.1	1.8
2981	**027h12**	AV629532	LCL060d09			1.1	1.5	1.4	2.6	3.2	2.1	2.6
2982	**011f12**	AV635331	HC045a06			19.4	14.8	6.9	0.8	0.3	2.1	0.6
2983	**155c04**	AV631347	LCL092d08			5.4	6.7	3.7	1.3	0.5	2.1	0.9
2984	**164c04**	BP094679	MXL027b06			19.4	30.2	18.6	1.5	0.8	2.1	1.8
2985	**171b01**	BP097725	MXL080c11			13.4	13.5	7.9	1.0	0.1	2.1	1.1
2986	**167a11**	BP095878	MXL048f08			10.7	9.3	7.3	1.1	0.6	2.1	1.6
2987	**006c11**	AV389705	CM039b05			3.7	5.2	2.9	1.4	0.3	2.1	0.9
2988	**009d06**	AV391328	CM090b04			6.5	9.5	4.6	1.5	0.2	2.1	0.7
2989	**166b12**	BP095510	MXL042h07			51.8	62.4	33.5	1.3	0.5	2.1	1.0
2990	**139a09**	AV622777	LC054d03			6.3	4.0	2.5	0.7	0.2	2.1	1.3
2991	**132d02**	AV644665	HCL091h07			78.2	78.5	39.1	1.1	0.2	2.1	0.6
2992	**155a01**	AV631241	LCL090g04			12.6	16.4	8.5	1.4	0.9	2.1	1.3
2993	**165c02**	BP095132	MXL036d03			16.7	26.5	16.3	1.6	0.6	2.1	1.4

	A	B	C	D	E	F	G	H	I	J	K	L
2994	**102a06**	BP098609	MXL096c02			22.7	15.1	7.7	1.4	1.2	2.1	0.6
2995	**026a12**	AV628071	LCL036c07			4.9	4.8	2.6	1.0	0.2	2.1	0.9
2996	**014a03**	AV639675	HCL002h05			6.0	6.3	3.2	1.1	0.4	2.1	0.7
2997	**166b11**	BP095506	MXL042h03			17.2	20.7	13.2	1.3	0.3	2.1	1.2
2998	**139c11**	AV623003	LC057f07			6.7	13.2	7.7	1.9	0.8	2.1	1.5
2999	**164b11**	BP094665	MXL026g07			46.2	49.6	29.4	1.1	0.1	2.1	1.1
3000	**164a03**	BP094597	MXL025d11			21.9	23.7	15.5	1.1	0.1	2.1	1.3
3001	**160c02**	BP088464	MX061b02			5.7	7.4	3.6	1.5	0.6	2.1	0.5
3002	**159b01**	BP087736	MX042e12			7.8	8.6	5.3	1.1	0.2	2.1	1.4
3003	**162b09**	BP093534	MXL009g06			35.7	40.0	22.8	1.1	0.2	2.1	1.1
3004	**005h11**	AV388755	CM032a05			87.2	69.1	43.7	0.8	0.3	2.1	1.6
3005	**156b11**	AV631770	LCL099e04			87.8	92.4	68.0	1.1	0.1	2.1	1.5
3006	**136h02**	BP383789	LC029b10			68.5	109.8	54.0	1.6	0.4	2.1	0.6
3007	**164a08**	BP094620	MXL025g11			5.0	5.8	3.5	1.2	0.2	2.1	1.2
3008	**125b12**	AV640484	HCL017a12			21.6	18.6	9.3	1.1	0.5	2.1	0.6
3009	**134a10**	AV618977	LC002b03			12.8	20.8	11.0	1.6	0.8	2.1	1.7
3010	**148e03**	AV628048	LCL035h11			7.1	39.0	17.4	5.5	4.5	2.1	0.8
3011	**171a04**	BP097693	MXL079g07			4.9	7.9	4.8	1.7	0.5	2.1	1.2
3012	**168f02**	BP096598	MXL061e09			43.5	81.1	40.1	1.8	0.5	2.1	1.0
3013	**162a05**	BP093444	MXL008e04			51.4	41.3	27.9	0.8	0.3	2.1	1.7
3014	**027h02**	AV629451	LCL059a03			12.1	12.1	6.0	1.0	0.1	2.1	0.6
3015	**106e06**	AV386475	CM001c03			12.3	19.1	12.1	2.0	1.3	2.1	1.3
3016	**158b01**	BP087488	MX035e11			50.6	35.3	18.2	0.7	0.2	2.1	0.7
3017	**156a02**	AV631669	LCL097h11			12.8	11.0	6.7	0.9	0.2	2.1	1.3
3018	**139e12**	AV623221	LC060f04			12.7	30.4	15.2	2.4	0.6	2.1	0.4
3019	**169b06**	BP096850	MXL065h06			8.9	12.0	5.9	1.4	0.2	2.1	0.3
3020	**171c03**	BP097806	MXL081f04			5.0	7.2	3.6	1.9	1.3	2.1	0.8
3021	**026b10**	AV628153	LCL037e08			43.6	30.7	15.0	0.8	0.3	2.1	0.5
3022	**157c11**	BP086809	MX017c05			97.4	152.8	96.8	1.6	0.2	2.1	1.3
3023	**117e06**	AV632807	HC012h01			8.8	10.4	5.2	1.2	0.2	2.1	0.5
3024	**160c08**	BP088521	MX062d09			14.7	25.2	11.9	1.7	0.3	2.1	0.7
3025	**137e07**	BP383791	LC039e02			5.1	324.0	166.6	64.8	29.4	2.1	0.3
3026	**030c01**	AV631484	LCL094g09			12.4	14.4	8.0	1.2	0.2	2.1	0.9
3027	**169b12**	BP096871	MXL066b09			1218.9	1493.5	914.4	1.2	0.1	2.1	1.1
3028	**019d01**	AV619856	LC013f01			37.5	83.7	47.7	2.2	0.4	2.1	1.1
3029	**021a03**	AV621787	LC040h12			26.5	33.0	16.6	1.2	0.1	2.1	0.5
3030	**159a12**	BP087734	MX042e08			14.7	13.2	10.5	0.9	0.1	2.1	1.5
3031	**008g03**	AV389302	CM075g11			8.8	18.7	9.5	2.3	1.1	2.1	0.9
3032	**162a04**	BP093423	MXL008b11			14.6	14.8	9.8	1.0	0.2	2.1	1.1
3033	**031b06**	BP086570	MX011g05			9.9	16.8	8.7	1.7	0.2	2.1	0.6
3034	**166b01**	BP095456	MXL042a12			26.3	21.8	14.1	0.8	0.2	2.1	1.3
3035	**156a01**	AV631667	LCL097h09			48.4	50.7	33.3	1.2	0.8	2.1	1.4
3036	**120e05**	AV636091	HC055a10			19.8	28.5	14.8	1.3	0.6	2.0	1.6
3037	**136b01**	AV620461	LC022e01			16.5	21.3	12.3	1.2	0.4	2.0	1.5
3038	**004h08**	AV387425	CM015h12			59.0	38.6	56.6	0.8	0.2	2.0	2.5
3039	**146b03**	AV626997	LCL019e08			14.3	17.2	9.0	1.2	0.2	2.0	0.7
3040	**016h11**	AV642708	HCL056d12			20.7	17.4	8.6	0.8	0.1	2.0	0.2
3041	**157c04**	BP086738	MX015f11			2.9	5.2	3.0	2.0	1.0	2.0	1.3
3042	**155b11**	AV631322	LCL092a03			4.2	5.4	3.5	1.5	0.9	2.0	1.4
3043	**162b12**	BP093571	MXL010d01			21.9	24.6	15.6	1.2	0.6	2.0	1.3
3044	**010c06**	AV632508	HC009b02			110.4	99.8	55.1	0.9	0.5	2.0	1.5
3045	**162c10**	BP093660	MXL011f04			21.9	20.4	12.6	0.9	0.2	2.0	1.6
3046	**162c12**	BP093666	MXL011f12			6.4	9.6	6.2	1.6	0.5	2.0	1.2
3047	**019b10**	AV619644	LC011b12			4.9	10.7	5.6	2.2	0.3	2.0	0.9
3048	**151c12**	AV629425	LCL058e10			8.7	10.2	5.0	1.2	0.1	2.0	0.2
3049	**157c12**	BP086819	MX017e11			4.7	17.4	8.5	3.5	1.4	2.0	0.2
3050	**161b06**	BP092967	MXL001e08			6.9	7.8	5.0	1.2	0.4	2.0	1.3
3051	**005a06**	AV388169	CM017e11			80.7	89.4	53.8	1.1	0.3	2.0	1.2
3052	**165a05**	BP095022	MXL034f01			21.1	16.7	11.3	0.8	0.2	2.0	1.3
3053	**160c03**	BP088475	MX061d05			17.0	21.5	13.6	1.4	0.5	2.0	1.2
3054	**138f01**	AV622365	LC048f09			10.0	11.4	5.8	1.2	0.5	2.0	0.6
3055	**023e10**	AV625197	LC089b08			10.0	14.6	7.4	1.5	0.2	2.0	0.4
3056	**141a09**	AV624255	LC075b09			8.2	8.9	4.9	1.3	0.8	2.0	1.0
3057	**017h01**	AV643795	HCL076c03			1.8	3.9	2.0	2.8	1.3	2.0	0.8
3058	**138a02**	AV622015	LC043h10			118.6	121.3	59.0	1.0	0.2	2.0	0.3
3059	**139b04**	AV622855	LC055f03			5.2	7.2	3.4	1.4	0.7	2.0	0.7
3060	**133h03**	AV645242	HCL100b04			9.0	15.2	7.7	1.8	0.5	2.0	0.6
3061	**152f08**	AV630063	LCL072d02			6.2	13.8	6.9	2.3	0.8	2.0	0.3
3062	**161c11**	BP093069	MXL002h11			8.0	8.1	5.7	1.1	0.4	2.0	1.2
3063	**135c06**	AV619720	LC014b03			100.1	170.0	94.4	1.9	0.7	2.0	0.8
3064	**144e01**	AV626260	LCL005d03			22.1	25.4	13.0	1.2	0.2	2.0	0.3
3065	**016f04**	AV642368	HCL050f06			6.6	10.9	5.9	1.7	0.5	2.0	0.7
3066	**142g05**	AV625404	LC092b01			4.2	9.9	5.6	2.5	1.3	2.0	1.3
3067	**171b03**	BP097737	MXL080e09			5.0	9.5	4.8	1.8	0.4	2.0	0.4
3068	**169a02**	BP096766	MXL064e10			11.1	9.5	5.8	0.9	0.2	2.0	1.1
3069	**142b06**	BP383819	LC085b09			102.8	102.2	55.9	1.0	0.1	2.0	1.0
3070	**034g08**	BP096237	MXL055a11			14.5	13.2	7.5	0.9	0.2	2.0	1.0
3071	**152a09**	AV629782	LCL066a11			4.1	18.3	9.5	4.5	1.2	2.0	0.4
3072	**165c03**	BP095134	MXL036d07			29.5	53.0	36.8	2.8	2.4	2.0	1.5
3073	**026c03**	AV628209	LCL038d11			18.4	41.3	21.2	2.3	0.5	2.0	0.3
3074	**169b08**	BP096857	MXL066a04			7.1	11.1	6.8	1.8	0.6	2.0	0.8
3075	**161c01**	BP092998	MXL002a03			5.9	7.4	4.1	1.4	0.4	2.0	0.6
3076	**138c06**	AV622185	LC046c08			5.6	14.8	7.4	2.7	1.2	2.0	0.1
3077	**158b10**	BP087559	MX037d09			7.5	9.8	6.9	1.3	0.4	2.0	1.4
3078	**113g01**	AV387696	CM070a10			4.3	7.4	4.3	1.7	0.3	2.0	0.9
3079	**030g05**	BP086136	MX002e12			79.1	85.3	50.3	1.1	0.1	2.0	1.2
3080	**101d05**	AV393604	CL06h04			5.6	7.5	3.4	1.2	0.4	2.0	0.6
3081	**035f08**	BP097280	MXL072h09			111.6	116.1	58.4	1.1	0.4	2.0	0.1
3082	**157c10**	BP086806	MX017b11			6.8	10.1	5.4	1.5	0.4	2.0	0.9
3083	**006c04**	AV389549	CM038c12			19.6	23.1	12.2	1.2	0.2	2.0	0.6
3084	**001a01**	AV393333	CL01b01			8.2	14.4	7.4	1.8	0.3	2.0	0.6
3085	**019g01**	AV620222	LC019c01			5.7	7.7	4.8	1.5	0.5	2.0	0.9
3086	**111c11**	AV390412	CM046a03			16.4	26.3	13.6	1.9	1.0	2.0	0.6
3087	**136d12**	AV620711	LC025g10			14.4	18.3	9.5	1.2	0.4	2.0	0.9
3088	**031a01**	BP086334	MX006g05			38.7	27.2	15.1	0.9	0.4	2.0	0.5
3089	**003c01**	AV396237	CL58a12			13.6	19.4	9.8	1.9	1.1	2.0	0.2
3090	**017g03**	AV643605	HCL072f06			5.2	10.4	5.6	2.1	0.8	2.0	0.7
3091	**029a09**	AV630531	LCL080c12			4.9	2.8	2.4	0.6	0.1	2.0	1.8
3092	**160b09**	BP088417	MX059h12			312.9	444.3	278.7	1.4	0.5	2.0	1.5
3093	**113a09**	AV392699	CM063c07			5.4	7.6	4.8	1.4	0.3	2.0	1.2
3094	**161a09**	BP092930	MXL001a02			5.5	7.0	4.3	1.5	0.9	2.0	1.2
3095	**165b01**	BP095070	MXL035c09			17.0	35.5	20.9	2.1	0.5	2.0	0.6
3096	**027f01**	AV629282	LCL055h01			8.0	8.4	7.1	1.1	0.4	2.0	1.6
3097	**020f07**	AV621290	LC033h10			11.9	17.5	8.7	1.5	0.6	2.0	0.6
3098	**134b07**	AV619018	LC002f09			13.7	457.7	233.2	31.3	9.0	2.0	0.1
3099	**133e09**	AV645095	HCL098b07			166.4	190.6	101.6	1.4	0.7	2.0	0.6
3100	**132h06**	AV644860	HCL094g07			4.9	6.8	3.7	1.4	0.5	2.0	0.6

	A	B	C	D	E	F	G	H	I	J	K	L
3101	**160c11**	BP088539	MX062g11			18.2	47.8	27.0	2.6	0.2	2.0	1.0
3102	**021d04**	AV622299	LC047g11			20.1	46.3	24.3	2.3	0.4	2.0	0.3
3103	**164b06**	BP094648	MXL026d04			4.8	6.1	3.9	1.8	1.2	2.0	1.1
3104	**034c07**	BP095558	MXL043g12			6.4	5.8	3.3	1.0	0.6	2.0	1.2
3105	**160b10**	BP088433	MX060d08			22.1	32.3	22.0	1.6	0.7	2.0	1.3
3106	**164a06**	BP094610	MXL025f04			12.2	9.2	7.6	0.8	0.4	2.0	1.7
3107	**156c10**	AV631837	LCL100f03			12.7	17.4	10.2	1.3	0.3	2.0	1.3
3108	**160a01**	BP088246	MX055c05			58.9	51.5	43.3	0.9	0.6	1.9	1.9
3109	**150d12**	AV629008	LCL050c11			203.2	163.9	87.4	0.8	0.1	1.9	1.1
3110	**143f09**	AV625885	LC099d05			36.6	31.4	16.1	0.9	0.1	1.9	0.2
3111	**013f09**	AV639195	HC096b11			12.9	14.2	7.3	1.1	0.4	1.9	0.4
3112	**147e07**	AV627579	LCL028h10			13.9	37.8	20.9	2.8	0.6	1.9	0.5
3113	**012b01**	AV636105	HC055c01			9.5	47.8	25.4	5.3	1.5	1.9	0.5
3114	**169b09**	BP096858	MXL066a05			26.7	45.1	27.2	1.8	0.7	1.9	1.1
3115	**121e04**	AV637189	HC069h12			9.1	13.1	7.6	1.5	1.1	1.9	1.5
3116	**143b08**	AV625611	LC095d09			6.3	18.2	9.0	3.2	2.4	1.9	0.6
3117	**114f05**	AV389131	CM078g01			8.4	43.5	22.9	5.7	1.8	1.9	0.4
3118	**155a05**	AV631253	LCL090h12			10.1	7.8	5.1	0.8	0.1	1.9	1.0
3119	**155c11**	AV631384	LCL093a05			7.0	7.9	5.8	1.4	0.8	1.9	1.5
3120	**111c04**	AV390350	CM045d07			10.9	14.8	7.9	1.5	0.7	1.9	0.7
3121	**163b03**	BP094084	MXL017h10			8.2	9.0	6.2	1.1	0.2	1.9	1.2
3122	**032e02**	BP093346	MXL007b10			42.5	86.6	50.6	2.0	0.4	1.9	1.0
3123	**138b07**	AV622113	LC045c07			175.7	174.8	108.1	1.0	0.0	1.9	1.3
3124	**120a11**	AV635703	HC049g08			11.3	11.2	5.8	1.0	0.1	1.9	0.4
3125	**115g12**	AV391604	CM092c09			2.6	2.5	1.8	1.0	0.1	1.9	1.5
3126	**162b04**	BP093511	MXL009d08			10.7	10.7	7.2	1.0	0.1	1.9	1.0
3127	**141b07**	AV624330	LC076c03			105.2	106.6	57.2	1.0	0.2	1.9	0.7
3128	**170a01**	BP097193	MXL071e10			80.2	86.1	51.5	1.1	0.2	1.9	1.0
3129	**167b04**	BP095903	MXL049a09			19.1	17.1	13.7	0.9	0.1	1.9	1.2
3130	**018d12**	AV644553	HCL090d11			0.3	0.4	0.3	337.3	672.7	1.9	0.9
3131	**026c01**	AV628173	LCL037g10			8.5	7.1	6.3	0.8	0.1	1.9	1.6
3132	**103g08**	AV395497	CL42b08			5.5	8.1	4.6	1.4	0.2	1.9	1.1
3133	**171a03**	BP097683	MXL079f05			13.8	13.6	9.3	1.0	0.3	1.9	1.2
3134	**166c05**	BP095539	MXL043e04			7.5	14.0	8.0	1.8	0.3	1.9	1.1
3135	**140a05**	AV623546	LC065e01			7.5	9.7	5.1	1.5	0.6	1.9	0.2
3136	**132h04**	AV644853	HCL094f10			26.7	35.6	18.7	1.3	0.2	1.9	0.1
3137	**023b02**	AV624638	LC080e07			22.0	24.6	13.0	1.1	0.1	1.9	0.2
3138	**012e01**	AV636917	HC066a08			26.2	41.7	22.4	1.6	0.2	1.9	0.4
3139	**156h03**	BP086393	MX007h03			4.3	5.3	5.4	1.2	0.4	1.9	2.1
3140	**120f03**	AV636231	HC056g08			6.3	12.9	7.0	2.1	0.9	1.9	0.6
3141	**156d12**	BP086117	MX002c01			42.5	37.4	20.2	1.0	0.3	1.9	0.8
3142	**158a10**	BP087442	MX034f09			30.0	15.0	10.5	0.6	0.3	1.9	1.1
3143	**029g07**	AV631083	LCL088e05			12.2	12.3	8.7	1.0	0.2	1.9	1.4
3144	**124c10**	AV640098	HCL010d04			26.6	19.9	11.4	0.7	0.2	1.9	1.0
3145	**028c01**	AV629763	LCL065e07			4.8	5.0	2.7	1.1	0.3	1.9	0.5
3146	**144e06**	AV626273	LCL005f04			32.9	42.6	23.9	1.3	0.1	1.9	0.7
3147	**006c02**	AV389512	CM037f11			14.9	19.5	10.4	1.4	0.3	1.9	0.4
3148	**005h02**	AV388574	CM030b12			10.1	14.4	8.6	1.5	0.6	1.9	1.0
3149	**158c05**	BP087593	MX038c10			10.1	16.0	10.2	1.9	1.1	1.9	0.9
3150	**172c02**	BP098289	MXL090h06			12.0	28.8	15.3	2.4	0.4	1.9	0.2
3151	**023e01**	AV625140	LC088d07			9.5	10.8	6.2	1.1	0.1	1.9	0.7
3152	**137e05**	AV621665	LC039c11			5.1	8.3	4.4	1.7	0.2	1.9	0.1
3153	**138b03**	AV622095	LC044h12			230.2	241.9	124.4	1.0	0.2	1.9	0.5
3154	**165e03**	BP095211	MXL038b05			12.1	21.6	11.5	1.8	0.6	1.9	0.4
3155	**006g11**	AV390527	CM046g12			28.6	28.2	15.2	1.1	0.4	1.9	0.3
3156	**121c04**	AV636962	HC066g03			9.7	15.2	7.9	1.5	0.7	1.9	1.1
3157	**117c05**	AV632413	HC007h09			9.0	11.2	6.0	1.3	0.6	1.9	0.8
3158	**001f03**	AV394105	CL17g01			1.5	1.9	1.1	1.3	0.5	1.9	0.6
3159	**160b12**	BP088446	MX060g02			8.4	10.0	7.4	1.2	0.3	1.9	1.3
3160	**015a09**	AV640706	HCL021a06			31.6	47.3	25.3	1.6	0.4	1.9	0.3
3161	**162b01**	BP093501	MXL009c07			4.3	5.3	3.2	1.3	0.4	1.9	0.8
3162	**165b03**	BP095075	MXL035d05			29.6	30.1	21.6	1.0	0.3	1.9	1.3
3163	**159b07**	BP087744	MX042g02			50.8	79.8	48.2	1.6	0.1	1.9	0.6
3164	**161c12**	BP093081	MXL003b04			78.7	112.4	76.2	1.5	0.2	1.9	1.0
3165	**171b05**	BP097751	MXL080g02			6.2	5.7	3.9	1.2	0.6	1.9	1.0
3166	**102c07**	AV394299	CL20f02			12.9	22.6	12.7	1.8	0.2	1.9	0.6
3167	**169b05**	BP096845	MXL065g09			3.9	4.3	3.0	1.4	0.8	1.9	1.1
3168	**163d05**	BP094250	MXL020b03			9.9	18.5	9.8	1.9	0.7	1.9	0.4
3169	**024a08**	AV626293	LCL006a04			9.7	12.4	6.6	1.3	0.2	1.9	0.2
3170	**165b09**	BP095110	MXL036a01			31.7	24.7	18.3	0.8	0.4	1.9	1.6
3171	**138e08**	AV622329	LC048c04			6.4	20.8	12.2	4.0	2.7	1.9	0.6
3172	**125c10**	AV640536	HCL018a01			5.8	7.1	4.2	1.2	0.7	1.9	1.3
3173	**155a06**	AV631254	LCL091a01			4.8	6.2	4.2	1.4	0.6	1.9	1.1
3174	**145b08**	AV626545	LCL010h12			10.3	29.0	16.0	2.8	0.5	1.9	0.2
3175	**154e06**	AV630992	LCL087d01			77.0	73.6	41.9	1.0	0.1	1.9	0.9
3176	**145b05**	AV626535	LCL010g09			50.7	70.0	41.4	1.4	0.1	1.9	0.9
3177	**136h12**	AV621093	LC031b04			24.2	41.0	21.9	1.7	0.3	1.9	0.4
3178	**155c06**	AV631352	LCL092e01			6.0	9.1	5.0	1.7	0.7	1.9	0.4
3179	**116h05**	AV631988	HC002e10			12.9	19.5	11.6	1.9	1.3	1.9	1.0
3180	**002e03**	AV395397	CL41h11			16.1	29.7	19.3	2.1	1.0	1.9	1.1
3181	**139d05**	AV623043	LC058b08			2.6	11.9	6.2	4.4	3.1	1.9	1.3
3182	**140e03**	AV623854	LC069f01			12.0	28.5	17.2	2.4	0.2	1.9	0.6
3183	**119b01**	AV634583	HC035c03			10.6	12.0	6.9	1.2	0.3	1.9	0.4
3184	**025c01**	AV627193	LCL022e03			7.6	6.6	4.7	0.9	0.1	1.9	1.3
3185	**032a09**	BP087710	MX042a01			63.9	40.4	21.8	0.7	0.3	1.9	0.1
3186	**156e08**	BP086191	MX003f10			121.8	173.3	100.8	1.3	0.3	1.9	1.2
3187	**010f03**	AV633136	HC017b11			5.2	9.5	5.3	2.0	0.7	1.9	0.7
3188	**171a05**	BP097694	MXL079g09			14.6	19.8	13.6	1.4	0.3	1.9	1.1
3189	**106d12**	AV397348	CL80f11			6.0	8.3	4.5	1.4	0.2	1.9	0.1
3190	**161b10**	BP092978	MXL001f12			7.5	9.7	7.1	1.4	0.5	1.9	1.1
3191	**022c07**	AV623612	LC066c08			26.4	43.5	23.4	1.7	0.5	1.9	0.2
3192	**155c09**	AV631372	LCL092g12			18.9	32.9	18.2	1.8	0.6	1.9	0.6
3193	**011h03**	AV635667	HC049c10			107.6	130.7	78.0	1.2	0.3	1.8	0.8
3194	**137g01**	AV621820	LC041d05			16.3	30.1	18.0	1.8	0.1	1.8	0.5
3195	**140c06**	AV623720	LC067g02			8.5	19.8	10.8	2.4	0.5	1.8	0.2
3196	**169c03**	BP096877	MXL066c07			11.0	18.0	10.0	1.8	0.9	1.8	0.7
3197	**109h03**	AV388597	CM030e04			6.2	7.5	4.1	1.3	0.6	1.8	0.5
3198	**134d12**	AV619296	LC006c07			47.3	49.1	31.6	1.0	0.4	1.8	1.3
3199	**103e02**	AV395229	CL37a10			5.1	5.5	3.0	1.1	0.2	1.8	0.6
3200	**101g08**	BP098606	MXL096b10			3.2	3.9	3.0	1.2	0.2	1.8	1.3
3201	**002c02**	AV394910	CL34h05			5.9	7.8	4.5	1.3	0.4	1.8	0.9
3202	**108d05**	AV387219	CM018c11			6.7	10.5	5.6	1.5	0.3	1.8	0.4
3203	**141c06**	AV624374	LC076h07			65.7	69.0	41.9	1.0	0.2	1.8	1.0
3204	**010a03**	AV632083	HC003f11			14.8	26.8	14.6	1.8	0.5	1.8	0.5
3205	**017h06**	AV643923	HCL078e04			0.7	0.9	0.5	1.3	0.4	1.8	0.7
3206	**104b11**	AV397782	CL45f01			7.3	8.0	4.4	1.1	0.2	1.8	0.7
3207	**116g02**	AV398016	CS001h05			143.0	144.3	90.1	1.1	0.3	1.8	1.1

	A	B	C	D	E	F	G	H	I	J	K	L
3208	**167c12**	BP095987	MXL050f04			8.9	11.8	8.3	1.5	0.8	1.8	1.1
3209	**133b10**	AV644985	HCL096e08			93.0	97.3	60.8	1.1	0.2	1.8	1.1
3210	**015h04**	AV641485	HCL034e05			15.2	30.7	17.6	2.1	0.6	1.8	0.7
3211	**112b11**	AV391563	CM055b12			2.2	3.0	1.9	1.5	0.5	1.8	0.7
3212	**154a01**	AV630742	LCL083f03			239.0	244.1	147.1	1.0	0.1	1.8	1.1
3213	**138d03**	BP383796	LC046g08			11.6	21.1	11.2	1.8	0.5	1.8	0.5
3214	**144g11**	AV626404	LCL008e10			11.6	494.5	286.5	41.6	6.0	1.8	0.3
3215	**119f12**	BP098669	MXL097b09			5.9	6.4	3.5	1.1	0.1	1.8	0.2
3216	**007g06**	AV392270	CM060c01			17.6	21.2	11.7	1.2	0.2	1.8	0.5
3217	**154a08**	AV630773	LCL084b03			19.1	16.3	9.0	0.9	0.3	1.8	0.5
3218	**107g11**	AV387049	CM013b05			16.1	20.2	11.4	1.3	0.3	1.8	0.4
3219	**105e12**	AV396752	CL66a08			4.7	5.0	2.9	1.1	0.3	1.8	0.6
3220	**166c01**	BP095513	MXL043a02			135.7	110.8	74.5	0.8	0.3	1.8	1.2
3221	**157a04**	BP086470	MX009e08			5.8	7.0	4.8	1.3	0.5	1.8	1.2
3222	**020f02**	AV621238	LC033c04			20.7	50.1	30.1	2.5	0.8	1.8	0.6
3223	**147e11**	AV627596	LCL029b11			14.7	380.2	214.5	26.3	12.7	1.8	0.1
3224	**165b04**	BP095076	MXL035d06			36.2	35.5	22.7	1.0	0.3	1.8	1.2
3225	**132h12**	AV644872	HCL094h08			8.0	9.4	5.3	1.2	0.1	1.8	0.5
3226	**033c01**	BP094206	MXL019e10			6.7	6.0	4.2	0.9	0.1	1.8	1.1
3227	**139c03**	AV622916	LC056e05			5.3	5.3	2.9	1.1	0.5	1.8	0.4
3228	**153d10**	AV630484	LCL079f02			6.9	9.0	5.0	1.2	0.7	1.8	1.2
3229	**025g12**	AV627879	LCL033c05			4.2	38.7	21.0	9.3	3.5	1.8	0.3
3230	**107e12**	AV386956	CM010h10			12.6	10.0	5.8	0.8	0.2	1.8	0.4
3231	**004e11**	AV386982	CM010c11			8.5	14.2	12.4	1.6	1.1	1.8	1.7
3232	**107a09**	AV387213	CM006h09			4.7	7.4	4.3	1.6	0.1	1.8	0.4
3233	**138f11**	AV622511	LC050f05			14.9	36.3	19.8	2.6	1.4	1.8	0.5
3234	**164c11**	BP094719	MXL028b06			14.3	16.9	10.3	1.2	0.3	1.8	0.9
3235	**116b09**	AV392467	CM097c02			79.7	94.9	58.9	1.2	0.2	1.8	0.5
3236	**165b12**	BP095121	MXL036b10			16.5	19.6	13.4	1.4	0.6	1.8	1.0
3237	**028h05**	AV630349	LCL077f08			3.2	14.6	7.7	4.3	1.8	1.8	0.9
3238	**102c05**	AV394280	CL20e03			6.8	8.1	4.6	1.2	0.1	1.8	0.3
3239	**009c09**	AV390833	CM087h11			57.6	47.2	27.4	0.9	0.2	1.8	0.4
3240	**005g03**	AV388056	CM028e07			11.4	11.6	6.8	1.1	0.4	1.8	0.5
3241	**112d02**	AV391772	CM056a12			11.1	26.0	14.7	2.4	0.4	1.8	0.2
3242	**003e03**	AV396602	CL65d11			1.0	2.0	1.2	2.5	1.5	1.8	0.7
3243	**156c11**	AV631840	LCL100f08			6.8	8.4	5.9	1.5	0.7	1.8	1.0
3244	**117a01**	AV632053	HC003c10			12.6	14.1	8.4	1.3	0.9	1.8	0.9
3245	**015c01**	AV640841	HCL023c06			3.0	4.3	2.6	1.4	0.3	1.8	0.9
3246	**101c04**	AV393423	CL03f10			6.5	11.5	7.2	1.8	0.5	1.8	1.0
3247	**036f02**	BP098436	MXL093c07			9.0	6.9	5.1	0.8	0.2	1.8	1.3
3248	**020c02**	AV620842	LC027e12			7.8	31.6	17.7	4.2	1.1	1.8	0.4
3249	**116d05**	AV393018	CM099a04			15.4	13.2	7.6	0.9	0.3	1.8	0.7
3250	**140d01**	AV623774	LC068e01			15.2	9.7	5.5	0.7	0.1	1.8	1.0
3251	**103d11**	AV395117	CL36f02			3.3	4.4	2.4	1.3	0.4	1.8	0.6
3252	**036h03**	BP098808	MXL099d10			6.6	10.2	6.1	1.5	0.3	1.8	0.9
3253	**167c01**	BP095947	MXL049h06			28.4	51.3	29.8	2.0	0.5	1.8	0.2
3254	**001h02**	AV394441	CL24g12			3.9	6.3	4.0	1.7	0.5	1.8	0.9
3255	**009e01**	AV391601	CM092a12			8.5	14.7	8.0	1.7	0.2	1.8	0.6
3256	**028f01**	AV630141	LCL074a05			6.2	7.4	4.2	1.2	0.3	1.8	0.4
3257	**158b09**	BP087552	MX037b12			138.7	87.6	66.3	0.6	0.1	1.8	1.5
3258	**149d03**	AV628469	LCL042d04			134.4	142.3	91.4	1.0	0.1	1.8	1.1
3259	**131b03**	AV643872	HCL077e04			15.3	21.4	13.4	1.4	0.2	1.8	0.8
3260	**131h12**	AV644389	HCL087f09			15.9	22.6	13.3	1.4	0.3	1.8	0.6
3261	**132f02**	AV644747	HCL093c03			7.5	12.3	6.8	1.6	0.3	1.8	0.2
3262	**139e10**	AV623173	LC059h11			16.3	20.1	11.7	1.2	0.1	1.8	0.4
3263	**029c02**	AV630703	LCL082h12			23.5	35.6	20.5	1.5	0.2	1.8	0.7
3264	**003c12**	AV397905	CL59f01			40.5	29.5	18.2	0.7	0.1	1.8	0.9
3265	**155a02**	AV631243	LCL090g07			48.7	32.6	26.7	0.6	0.2	1.8	1.5
3266	**163a05**	BP094031	MXL017b12			28.3	27.9	18.5	1.0	0.3	1.8	1.1
3267	**137e02**	AV621604	LC038d02			103.0	99.4	54.8	1.0	0.3	1.8	0.5
3268	**111d04**	AV390505	CM046g05			30.9	37.9	21.2	1.5	0.8	1.8	0.2
3269	**018g02**	AV619048	LC003a10			7.1	13.6	9.3	2.1	0.6	1.8	1.2
3270	**143a05**	AV625541	LC094d01			5.5	5.8	3.9	1.1	0.2	1.8	0.8
3271	**158b05**	BP087521	MX036d01			5.7	6.6	4.2	1.1	0.2	1.8	0.5
3272	**023a01**	AV624500	LC078e11			18.0	44.7	28.5	3.3	2.2	1.8	0.9
3273	**015a03**	AV640623	HCL019d06			49.0	61.0	34.3	1.3	0.1	1.8	0.7
3274	**133b08**	BP383769	HCL096d10			15.1	28.1	16.4	1.9	0.4	1.8	0.6
3275	**132g01**	AV644807	HCL094b01			66.2	78.0	47.2	1.3	0.2	1.8	0.9
3276	**112e06**	AV391933	CM057g01			7.4	9.3	5.4	1.3	0.2	1.8	0.4
3277	**028g07**	AV630270	LCL076d07			14.3	18.5	10.1	1.4	0.8	1.8	0.4
3278	**171a02**	BP097677	MXL079e02			73.9	89.8	62.6	1.2	0.4	1.8	1.1
3279	**036f03**	BP098462	MXL093f10			56.0	62.4	49.3	1.6	1.3	1.8	1.0
3280	**137e11**	AV621710	LC040a03			21.7	33.4	19.2	1.5	0.1	1.8	0.3
3281	**024d02**	AV626512	LCL010d05			4.9	8.4	5.5	1.8	0.4	1.8	0.9
3282	**163b05**	BP094094	MXL018a10			8.4	10.8	7.8	1.4	0.3	1.8	0.8
3283	**116b05**	AV392392	CM096e10			6.5	5.2	3.0	0.8	0.3	1.8	0.5
3284	**006d02**	AV389743	CM039e10			24.0	31.6	17.9	1.3	0.2	1.8	0.2
3285	**155a04**	AV631248	LCL090h05			23.1	20.5	15.7	0.9	0.2	1.8	1.1
3286	**007e03**	AV391813	CM056e02			71.0	78.4	44.9	1.1	0.3	1.8	0.2
3287	**164a01**	BP094585	MXL025c08			7.7	9.4	6.3	1.3	0.5	1.8	0.9
3288	**011a02**	AV633897	HC026f07			15.1	18.9	11.3	1.4	0.4	1.8	0.5
3289	**163b08**	BP094111	MXL018c11			7.3	11.3	6.9	1.7	0.9	1.8	0.7
3290	**031c06**	BP086672	MX014b04			9.8	10.3	5.9	1.0	0.3	1.8	0.6
3291	**160b07**	BP088384	MX059a12			3.7	5.7	3.5	1.6	0.3	1.8	0.4
3292	**101a07**	AV393318	CL01d06			146.9	148.5	85.9	1.0	0.1	1.8	0.2
3293	**107g03**	AV387163	CM012c03			4.5	7.3	4.2	1.6	0.7	1.8	1.0
3294	**172b11**	BP098280	MXL090g05			5.6	8.0	6.3	1.7	0.9	1.8	1.2
3295	**162b07**	BP093521	MXL009f01			8.2	13.2	8.6	1.6	0.2	1.8	0.9
3296	**152d03**	AV629939	LCL069d12			8.6	13.5	9.2	1.7	0.7	1.8	0.7
3297	**127b01**	AV641632	HCL037g12			64.3	60.6	40.2	1.0	0.2	1.8	0.8
3298	**133e05**	AV645076	HCL097h08			13.4	15.5	9.1	1.1	0.6	1.8	1.1
3299	**021h01**	AV622945	LC056h06			5.8	11.0	7.2	2.1	1.2	1.8	1.2
3300	**139a07**	AV622990	LC057e04			10.9	9.8	6.2	0.9	0.2	1.8	0.7
3301	**155b09**	AV631318	LCL091h11			17.4	13.1	9.0	0.8	0.2	1.8	1.0
3302	**101g03**	AV393916	CL13g11			7.5	8.5	5.2	1.2	0.4	1.8	0.5
3303	**164c06**	BP094685	MXL027d09			81.3	86.1	63.5	0.9	0.6	1.7	1.7
3304	**010b07**	AV632325	HC006g07			41.6	28.1	16.4	0.8	0.3	1.7	0.5
3305	**034a01**	BP095130	MXL036d01			18.1	19.8	12.5	1.3	0.5	1.7	0.6
3306	**101g12**	AV394022	CL16b12			2.4	2.7	1.7	1.1	0.3	1.7	0.7
3307	**147b10**	AV627418	LCL026d08			11.3	13.5	8.5	1.2	0.0	1.7	0.7
3308	**009c03**	AV390058	CM086h02			80.2	95.0	56.9	1.2	0.2	1.7	0.8
3309	**002b07**	AV394825	CL32c01			8.5	10.1	6.0	1.3	0.6	1.7	0.5
3310	**159e01**	BP087795	MX043g06			115.5	156.9	94.2	1.8	0.8	1.7	0.8
3311	**158c01**	BP087571	MX037f12			4.6	5.9	3.7	1.4	0.4	1.7	0.6
3312	**102e02**	AV394234	CL22g06			87.5	129.8	74.7	1.6	0.6	1.7	0.1
3313	**135d12**	AV619980	LC015g11			52.0	64.8	41.7	1.2	0.0	1.7	0.9
3314	**169g03**	BP097095	MXL069h11			192.2	247.3	170.1	1.2	0.6	1.7	1.5

	A	B	C	D	E	F	G	H	I	J	K	L
3315	**144f09**	AV626316	LCL006g07			8.7	10.6	6.1	1.2	0.2	1.7	0.3
3316	**153c03**	AV630391	LCL078b08			15.2	10.7	6.2	0.8	0.2	1.7	0.2
3317	**160c04**	BP088486	MX061f01			5.1	8.6	6.0	2.1	1.2	1.7	1.0
3318	**135e02**	AV620001	LC016a12			10.2	9.1	5.9	0.9	0.3	1.7	1.0
3319	**012h08**	AV637635	HC075f06			19.9	19.2	11.2	1.0	0.3	1.7	0.6
3320	**026a01**	AV627955	LCL034d11			7.0	7.4	4.6	1.1	0.1	1.7	0.7
3321	**163c01**	BP094145	MXL018g03			17.3	20.5	13.1	1.2	0.1	1.7	0.6
3322	**007h02**	AV392403	CM061e05			5.5	7.6	4.4	1.4	0.6	1.7	0.6
3323	**014c03**	AV639867	HCL006d06			29.4	36.3	21.9	1.2	0.0	1.7	0.6
3324	**145a12**	AV626497	LCL010b06			5.6	5.3	3.6	1.0	0.1	1.7	1.1
3325	**164b09**	BP094654	MXL026e06			10.4	8.0	6.3	0.8	0.2	1.7	1.2
3326	**157c01**	BP086701	MX014f12			33.0	34.9	27.4	1.1	0.3	1.7	1.0
3327	**121a09**	AV636765	HC063h06			17.5	29.7	16.9	1.7	0.4	1.7	0.5
3328	**023f01**	AV625251	LC090a01			16.6	19.8	11.5	1.3	0.4	1.7	0.3
3329	**135b05**	AV619740	LC012e02			9.8	17.8	10.7	1.9	0.5	1.7	0.3
3330	**116c09**	AV392325	CM098d07			10.5	10.7	8.0	1.0	0.3	1.7	1.4
3331	**142f09**	AV625366	LC091e08			25.8	26.3	18.7	1.0	0.1	1.7	1.1
3332	**148d03**	AV627977	LCL034g09			17.3	17.5	11.9	1.0	0.3	1.7	1.0
3333	**105b12**	AV397911	CL59c07			57.4	77.5	54.6	1.2	0.4	1.7	1.4
3334	**171b10**	BP097770	MXL081a11			7.3	9.6	5.8	1.3	0.4	1.7	0.6
3335	**132g03**	AV644811	HCL094b05			6.6	10.0	5.6	1.6	0.7	1.7	0.7
3336	**161b03**	BP092962	MXL001e01			6.9	5.1	3.8	0.8	0.2	1.7	0.9
3337	**137c08**	AV621440	LC036b10			3.3	3.0	2.3	1.0	0.3	1.7	1.1
3338	**119g02**	AV635323	HC044h07			10.0	14.1	9.3	1.4	0.2	1.7	0.8
3339	**168c09**	BP096394	MXL058a12			33.2	31.6	18.1	1.0	0.3	1.7	0.4
3340	**125b11**	AV640478	HCL017a04			13.0	15.8	10.2	1.2	0.1	1.7	0.8
3341	**140a11**	AV623587	LC065h11			38.4	50.1	29.4	1.5	0.7	1.7	0.2
3342	**137a10**	AV621184	LC032d06			7.9	6.7	4.2	0.9	0.3	1.7	0.6
3343	**163c03**	BP094153	MXL018h01			17.8	15.7	11.8	1.0	0.7	1.7	1.3
3344	**159f02**	BP087908	MX046e01			9.3	14.2	10.9	1.7	1.2	1.7	1.4
3345	**011a01**	AV633876	HC026d06			18.6	21.5	12.8	1.2	0.2	1.7	0.7
3346	**033a11**	BP093976	MXL016e03			11.6	12.4	7.4	1.3	0.7	1.7	0.3
3347	**009h01**	AV392938	CM100c05			10.2	8.6	5.1	1.2	0.8	1.7	0.5
3348	**162a02**	BP093412	MXL008a07			24.0	33.4	23.2	1.5	0.7	1.7	1.0
3349	**012b04**	AV636185	HC056c03			15.6	13.6	8.1	0.9	0.2	1.7	0.4
3350	**140c05**	AV623718	LC067f12			5.3	16.1	9.6	3.1	2.1	1.7	0.4
3351	**144b04**	AV626145	LCL003b01			12.7	18.5	11.0	1.5	0.2	1.7	0.4
3352	**141a02**	AV624177	LC074a05			12.5	21.9	12.8	1.8	0.9	1.7	0.3
3353	**158c03**	BP087589	MX038c03			20.6	15.2	11.2	0.7	0.2	1.7	1.2
3354	**137a04**	AV621141	LC031g07			24.8	19.0	11.4	0.8	0.1	1.7	0.4
3355	**032g07**	BP093620	MXL011a10			348.5	347.9	268.6	1.0	0.1	1.7	1.2
3356	**111c02**	AV390326	CM045b08			4.2	6.8	4.0	1.8	0.9	1.7	0.5
3357	**009b03**	AV390399	CM083h09			74.0	95.7	57.2	1.5	0.5	1.7	0.4
3358	**121e09**	AV637279	HC071a07			34.2	58.3	35.4	1.7	0.3	1.7	0.4
3359	**022h10**	AV624435	LC077g01			13.4	39.0	23.6	2.9	0.2	1.7	0.3
3360	**135e12**	BP383781	LC016h02			13.4	21.2	12.2	1.6	0.7	1.7	0.8
3361	**107a01**	AV386651	CM004f05			7.3	13.5	9.8	1.8	0.2	1.7	1.2
3362	**035e03**	BP097054	MXL069c07			19.7	18.3	11.3	0.9	0.1	1.7	0.4
3363	**112c11**	AV391722	CM055g12			5.0	5.3	3.3	1.1	0.1	1.7	0.5
3364	**134h12**	AV619599	LC010e12			8.6	24.2	15.0	2.8	0.7	1.7	0.7
3365	**028f02**	AV630145	LCL074b09			9.4	10.0	6.0	1.1	0.2	1.7	0.4
3366	**103f04**	AV395172	CL39g05			6.7	5.9	3.5	0.9	0.1	1.7	0.4
3367	**019g04**	AV620239	LC019d07			17.2	36.1	30.3	1.9	0.7	1.7	1.2
3368	**156b03**	AV631733	LCL098h09			17.1	16.1	10.8	0.9	0.2	1.7	0.7
3369	**103d12**	AV395249	CL37a04			2.7	3.9	2.4	1.4	0.2	1.7	0.7
3370	**137a05**	AV621164	LC032b06			7.3	7.0	4.0	1.0	0.3	1.7	0.6
3371	**011f09**	AV635297	HC044e08			8.9	10.7	6.3	1.3	0.5	1.7	0.4
3372	**022h07**	AV624376	LC076h10			17.5	23.7	14.1	1.3	0.3	1.7	0.6
3373	**019e10**	AV620029	LC016e09			4.9	6.9	5.2	1.3	0.5	1.7	1.5
3374	**166a05**	BP095426	MXL041f02			6.2	5.2	3.5	0.9	0.1	1.7	0.8
3375	**138a10**	AV622077	LC044g03			133.0	123.7	89.4	0.9	0.2	1.7	1.0
3376	**134c03**	AV619102	LC003g09			10.5	14.8	9.5	1.4	0.6	1.7	1.2
3377	**139d09**	AV623075	LC058f03			201.6	217.1	127.1	1.1	0.1	1.7	0.4
3378	**170a03**	BP097205	MXL071g06			50.8	43.4	31.0	0.9	0.1	1.7	0.9
3379	**171b11**	BP097777	MXL081b09			20.2	27.5	23.1	1.4	0.3	1.7	1.1
3380	**133e11**	AV645100	HCL098c01			33.0	59.2	33.8	1.9	1.0	1.7	0.3
3381	**138a09**	AV622070	LC044f06			26.6	21.7	12.9	0.8	0.1	1.7	0.2
3382	**105g09**	AV396782	CL69b12			6.5	6.2	3.9	0.9	0.2	1.7	0.7
3383	**019d12**	AV619935	LC015c04			4.7	9.3	6.0	1.9	0.5	1.7	1.1
3384	**151c08**	AV629412	LCL058c11			7.1	10.8	6.1	1.4	0.7	1.7	0.9
3385	**151d07**	AV629463	LCL059b09			63.6	60.1	37.3	1.0	0.1	1.7	0.7
3386	**140b12**	AV623688	LC067c11			5.5	6.8	4.3	1.3	0.2	1.7	0.5
3387	**171a01**	BP097675	MXL079d11			37.9	40.6	27.2	1.1	0.4	1.7	0.9
3388	**107a03**	AV386854	CM005b03			9.8	17.0	11.2	1.7	0.1	1.7	0.8
3389	**140a03**	AV623541	LC065d02			58.8	50.9	30.8	0.9	0.1	1.7	0.5
3390	**150c12**	AV628945	LCL049d03			21.9	27.3	16.2	1.3	0.3	1.7	0.1
3391	**148b01**	AV627843	LCL032g10			51.5	102.5	60.4	2.0	0.6	1.7	0.1
3392	**021e11**	AV622574	LC051d09			16.7	25.2	16.1	1.5	0.2	1.7	0.7
3393	**167c02**	BP095951	MXL049h11			4.0	5.8	3.6	1.5	0.5	1.7	0.5
3394	**101f12**	AV393897	CL13c03			1.4	1.8	1.5	1.3	0.4	1.7	1.2
3395	**138e03**	AV622295	LC047g05			9.0	23.0	13.1	3.6	3.7	1.7	0.4
3396	**015b02**	AV640727	HCL021d04			15.7	26.3	16.2	1.7	0.5	1.7	0.6
3397	**122f01**	AV638548	HC087g07			10.9	11.7	8.5	1.1	0.3	1.7	1.1
3398	**153f12**	AV630604	LCL081d08			126.1	105.1	68.0	0.9	0.1	1.7	1.0
3399	**138g02**	AV622542	LC051a07			31.4	36.1	22.0	1.1	0.1	1.7	0.5
3400	**148h01**	AV628211	LCL038e07			15.4	19.5	12.3	1.3	0.2	1.7	0.5
3401	**134g06**	AV619504	LC009c03			7.7	12.5	7.5	1.6	0.1	1.7	0.2
3402	**140d04**	BP383808	LC068g09			19.8	38.8	25.6	2.0	0.1	1.7	0.6
3403	**167c04**	BP095961	MXL050b05			6.9	11.2	7.1	1.6	0.3	1.7	0.4
3404	**025f12**	AV627747	LCL031d10			65.1	60.1	40.2	0.9	0.2	1.7	0.9
3405	**139f06**	AV623248	LC061a07			3.6	5.3	3.1	1.5	0.1	1.7	0.1
3406	**169a10**	BP096808	MXL065c01			41.3	36.6	28.9	0.9	0.2	1.7	1.2
3407	**130h07**	AV643744	HCL075c05			9.2	13.1	7.8	1.4	0.7	1.7	0.6
3408	**135h04**	AV620311	LC020d06			11.0	17.2	10.9	1.5	0.2	1.7	0.9
3409	**143f12**	AV625894	LC099e05			3.0	5.1	3.2	2.0	1.1	1.7	0.4
3410	**135b03**	AV619706	LC012a08			13.0	15.6	12.8	1.3	0.8	1.7	1.6
3411	**020e09**	AV621143	LC031g10			35.3	30.8	19.6	0.9	0.2	1.7	0.5
3412	**161b05**	BP092965	MXL001e05			3.9	5.0	3.0	1.5	0.6	1.7	0.1
3413	**170b03**	BP097264	MXL072g01			6.2	5.6	3.9	1.0	0.4	1.7	0.7
3414	**171c02**	BP097805	MXL081f01			4.1	7.3	4.6	1.9	0.5	1.7	0.4
3415	**019b07**	AV619632	LC011a06			8.8	19.6	11.8	2.4	0.9	1.7	0.2
3416	**106g07**	AV386608	CM003b11			8.3	6.8	4.1	0.8	0.1	1.7	0.2
3417	**106c05**	AV397275	CL77b01			7.5	11.1	6.9	1.5	0.5	1.7	0.8
3418	**004f04**	AV386931	CM011e04			24.8	28.3	17.0	1.1	0.1	1.7	0.1
3419	**017d03**	AV643190	HCL065c10			1.3	1.6	1.1	1.3	0.3	1.7	0.6
3420	**109d12**	AV387510	CM026h09			114.4	146.0	91.2	1.3	0.3	1.7	0.4
3421	**143a02**	AV625530	LC094b10			6.4	8.8	5.2	1.4	0.5	1.7	0.4

	A	B	C	D	E	F	G	H	I	J	K	L
3422	**116e06**	AV393172	CM100a09			12.8	20.7	13.1	1.6	0.3	1.7	0.6
3423	**019e11**	AV620032	LC016f02			12.2	9.6	11.2	0.8	0.3	1.7	1.5
3424	**020g09**	AV621479	LC036f11			11.4	15.0	9.6	1.4	0.3	1.7	0.6
3425	**025e02**	AV627425	LCL026e04			8.1	12.9	7.7	1.7	0.5	1.7	0.3
3426	**133f02**	AV645111	HCL098d03			11.0	34.9	21.0	3.1	0.5	1.7	0.2
3427	**172a08**	BP098181	MXL088h02			7.9	9.1	6.6	1.1	0.1	1.7	0.6
3428	**101e08**	AV393681	CL10f09			8.0	8.5	5.3	1.1	0.0	1.7	0.4
3429	**122f10**	BP383720	HC089f10			98.3	101.4	61.5	1.5	1.0	1.7	0.2
3430	**101c06**	AV393390	CL04a04			9.1	10.1	6.3	1.2	0.8	1.7	0.7
3431	**136f03**	BP383786	LC026h07			35.4	48.9	35.1	1.4	0.4	1.7	0.9
3432	**145a06**	AV626468	LCL009f05			17.8	13.1	7.9	0.7	0.1	1.7	0.1
3433	**150c09**	AV628939	LCL049c05			61.7	52.9	33.4	0.9	0.2	1.7	0.3
3434	**003h01**	AV397282	CL77e05			4.9	10.1	6.1	2.3	0.7	1.7	0.2
3435	**128h08**	AV642599	HCL054e04			138.8	199.0	119.2	1.3	0.5	1.7	1.3
3436	**013f04**	AV639089	HC094h03			25.4	32.4	20.2	1.3	0.3	1.7	0.4
3437	**144a02**	AV626065	LCL001h05			13.5	20.4	12.3	1.6	0.8	1.7	0.2
3438	**156c09**	AV631833	LCL100e11			127.8	113.2	79.0	0.9	0.5	1.7	1.0
3439	**168b08**	BP096339	MXL057a11			5.0	8.1	5.2	1.7	0.5	1.7	0.5
3440	**102g12**	AV394807	CL28b09			18.2	16.4	10.8	0.9	0.1	1.7	0.8
3441	**133g08**	AV645208	HCL099f03			16.6	14.8	9.6	1.0	0.3	1.7	0.5
3442	**120b06**	AV635769	HC050f09			10.7	15.4	9.5	1.4	0.1	1.7	0.6
3443	**026a02**	AV627958	LCL034e05			31.3	60.9	36.5	2.5	1.7	1.7	0.6
3444	**172a05**	BP098175	MXL088g05			164.8	191.7	109.5	1.1	0.4	1.7	0.4
3445	**139a02**	AV622749	LC054a04			11.8	26.7	16.0	2.4	1.0	1.7	0.2
3446	**008e04**	AV388326	CM070h11			7.7	12.2	7.5	1.6	0.2	1.7	0.4
3447	**137a09**	AV621181	LC032d02			11.8	11.4	7.0	1.0	0.2	1.7	0.2
3448	**135b09**	AV619766	LC012h04			12.3	17.2	11.0	1.4	0.5	1.7	0.9
3449	**137c03**	AV621354	LC034h05			7.5	6.5	4.0	0.9	0.2	1.7	0.2
3450	**155d06**	AV631405	LCL093c11			30.5	53.0	32.6	1.9	0.7	1.7	0.2
3451	**030d10**	AV631671	LCL098a02			1.6	2.4	2.4	1.5	0.4	1.7	1.6
3452	**033a08**	BP093937	MXL015h12			13.8	16.4	10.2	1.2	0.2	1.7	0.4
3453	**168c11**	BP096407	MXL058c03			12.8	18.3	12.6	1.6	0.7	1.6	0.9
3454	**142a06**	AV624865	LC083g07			11.5	10.4	6.8	1.0	0.3	1.6	0.7
3455	**144e11**	AV626298	LCL006b08			11.3	41.4	25.3	4.7	3.3	1.6	0.3
3456	**129h08**	AV643127	HCL064c02			12.7	15.4	9.5	1.2	0.3	1.6	0.6
3457	**123f11**	AV639726	HCL003g12			10.0	13.3	8.1	1.3	0.1	1.6	0.3
3458	**034d02**	BP095670	MXL045e09			10.9	13.6	9.4	1.3	0.4	1.6	0.8
3459	**003c10**	AV397917	CL59c12			3.6	4.4	2.9	1.3	0.2	1.6	0.4
3460	**164b04**	BP094644	MXL026c10			9.0	8.1	5.5	0.9	0.1	1.6	0.6
3461	**101h02**	AV394002	CL16d09			4.9	6.1	4.0	1.3	0.0	1.6	0.5
3462	**143c05**	AV625643	LC095h05			8.5	14.5	8.7	1.7	0.2	1.6	0.3
3463	**105h03**	AV396857	CL70c01			70.5	71.0	43.4	1.1	0.2	1.6	0.8
3464	**026h04**	AV628611	LCL044e06			29.9	79.5	47.5	3.3	2.1	1.6	0.3
3465	**151c05**	AV629405	LCL058b08			98.6	112.9	77.8	1.1	0.0	1.6	0.7
3466	**018a02**	AV644070	HCL081b11			4.6	10.1	6.1	2.2	0.4	1.6	0.3
3467	**163a10**	BP094059	MXL017f01			10.9	13.5	10.3	1.2	0.1	1.6	0.9
3468	**133a10**	AV644952	HCL095h06			113.7	133.9	94.6	1.2	0.2	1.6	0.8
3469	**134b05**	AV619010	LC002e10			10.0	14.0	8.9	1.4	0.9	1.6	1.1
3470	**150h03**	AV629194	LCL054a02			104.1	93.1	70.4	0.9	0.1	1.6	1.1
3471	**021f06**	AV622643	LC052d03			41.5	42.5	38.6	1.1	0.3	1.6	1.1
3472	**102c01**	AV394210	CL19h08			6.9	9.9	6.4	1.6	0.6	1.6	0.5
3473	**133b12**	AV644988	HCL096f02			23.0	35.9	21.7	1.5	0.4	1.6	0.1
3474	**016e08**	AV642287	HCL049a10			25.6	27.0	16.5	1.2	0.6	1.6	0.3
3475	**162b03**	BP093507	MXL009d01			14.9	14.2	10.2	1.0	0.4	1.6	0.9
3476	**123c06**	AV639431	HC099c08			11.8	17.7	10.8	1.4	0.8	1.6	1.1
3477	**137b11**	AV621296	LC034a08			14.3	17.5	11.2	1.5	0.9	1.6	0.5
3478	**139f11**	AV623306	LC061h07			6.6	31.4	19.3	4.8	0.9	1.6	0.2
3479	**026f12**	AV628516	LCL043b02			17.2	25.1	15.0	1.5	0.8	1.6	0.2
3480	**014h02**	AV640475	HCL017a01			3.6	5.8	3.6	1.7	0.4	1.6	0.4
3481	**029g03**	AV631059	LCL088c02			13.4	13.0	8.3	1.0	0.0	1.6	0.4
3482	**121b11**	AV636920	HC066a11			10.0	11.3	6.8	1.1	0.2	1.6	0.3
3483	**025c09**	AV627261	LCL023h10			114.8	128.7	96.6	1.1	0.2	1.6	1.0
3484	**116f09**	AV397978	CS001d02			5.2	7.4	4.6	1.5	0.4	1.6	0.3
3485	**149d12**	AV628502	LCL042h05			14.8	21.8	13.5	1.5	0.3	1.6	0.4
3486	**106d08**	AV397298	CL80b05			371.5	482.8	298.9	1.4	0.4	1.6	0.2
3487	**139g09**	AV623387	LC063a06			5.1	8.5	4.8	1.5	0.9	1.6	1.0
3488	**112d01**	AV391756	CM056a10			42.7	68.1	56.5	1.6	0.2	1.6	0.9
3489	**018f01**	AV619009	LC002e09			4.0	6.4	4.1	1.7	0.7	1.6	0.5
3490	**006a01**	AV388773	CM032c09			6.6	9.3	5.5	1.4	0.3	1.6	0.3
3491	**001b01**	AV393410	CL03h11			59.7	96.1	58.9	1.9	0.7	1.6	0.5
3492	**115e12**	AV391192	CM089e09			11.3	12.2	7.6	1.1	0.2	1.6	0.2
3493	**006c05**	AV389551	CM038d04			15.6	24.2	14.5	1.5	0.2	1.6	0.6
3494	**022a11**	AV623365	LC062f11			123.6	78.4	48.8	0.6	0.2	1.6	0.4
3495	**141d04**	BP383816	LC077h02			260.3	329.2	207.7	1.3	0.3	1.6	0.4
3496	**116c10**	AV397521	CM098d10			39.1	14.7	9.6	0.7	0.5	1.6	0.6
3497	**114f10**	AV389647	CM079d05			4.0	5.0	3.1	1.3	0.6	1.6	0.5
3498	**140a02**	AV623526	LC065b08			7.5	7.4	4.7	1.0	0.2	1.6	0.3
3499	**152a04**	AV629746	LCL065b04			14.7	12.8	7.9	0.9	0.2	1.6	0.1
3500	**015g01**	AV641333	HCL031g09			0.8	1.7	1.1	2.5	1.1	1.6	0.4
3501	**114c12**	AV389264	CM075g02			65.2	88.4	54.7	1.3	0.2	1.6	0.5
3502	**121b10**	AV636911	HC066a01			24.4	31.8	19.4	1.2	0.6	1.6	1.2
3503	**165b11**	BP095114	MXL036a12			16.7	15.3	12.6	0.9	0.2	1.6	0.9
3504	**033f03**	BP094612	MXL025f09			19.0	18.7	13.0	1.0	0.1	1.6	0.6
3505	**010a04**	AV632104	HC004a03			8.2	9.3	5.8	1.3	0.4	1.6	0.1
3506	**023a11**	AV624625	LC080d05			14.5	16.0	9.9	1.1	0.2	1.6	0.3
3507	**003b02**	AV396051	CL55a06			3.7	13.3	8.5	3.9	1.9	1.6	0.4
3508	**108h05**	AV387857	CM022e03			54.5	63.6	37.7	1.2	0.0	1.6	0.7
3509	**006f02**	AV390199	CM043e11			13.7	18.9	12.0	1.4	0.3	1.6	0.4
3510	**008c11**	AV393278	CM068g07			19.1	25.5	15.9	1.4	0.3	1.6	0.2
3511	**136a09**	AV620446	LC022c07			10.1	14.2	8.6	1.4	0.3	1.6	0.3
3512	**142b07**	AV624972	LC085b12			8.4	14.7	9.4	1.8	0.2	1.6	0.3
3513	**109f09**	AV388323	CM028e10			7.3	9.5	6.1	1.3	0.4	1.6	0.6
3514	**150h12**	AV629279	LCL055g10			10.4	218.6	138.7	22.2	10.0	1.6	0.2
3515	**167b08**	BP095920	MXL049d08			5.4	6.4	4.7	1.5	0.8	1.6	0.6
3516	**004c07**	AV386685	CM004h10			19.9	26.0	17.6	1.3	0.2	1.6	0.9
3517	**116f05**	AV392836	CM100f05			28.8	66.1	41.8	2.3	0.9	1.6	0.6
3518	**149b09**	AV628381	LCL040h05			5.0	6.8	4.4	1.4	0.5	1.6	0.6
3519	**129h12**	AV643149	HCL064f10			162.8	166.8	115.8	1.0	0.0	1.6	0.7
3520	**110a09**	AV388809	CM032g12			3.5	4.9	3.2	1.4	0.1	1.6	0.5
3521	**134b10**	AV619066	LC003c11			11.6	17.4	11.5	1.5	0.5	1.6	0.9
3522	**119d12**	AV635048	HC041c04			64.0	81.8	53.3	1.3	0.0	1.6	0.4
3523	**151b11**	AV629375	LCL057f04			7.7	12.1	7.6	1.6	0.2	1.6	0.2
3524	**117e11**	AV632817	HC013a02			4.2	4.1	2.7	1.0	0.2	1.6	0.4
3525	**101g05**	BP094556	MXL024h07			6.8	9.3	6.1	1.5	0.5	1.6	0.6
3526	**116g01**	AV398009	CS001h01			7.6	4.5	3.0	0.9	0.6	1.6	0.5
3527	**008b01**	AV392846	CM064h05			9.8	12.0	7.5	1.3	0.2	1.6	0.1
3528	**145a07**	AV626469	LCL009f06			17.1	22.0	13.8	1.3	0.2	1.6	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
3529	**133d07**	BP383773	HCL097e05			32.0	43.7	28.6	1.6	0.6	1.6	0.4
3530	**172c08**	BP098314	MXL091d01			15.3	19.4	12.9	1.3	0.2	1.6	0.7
3531	**020g03**	AV621404	LC035f03			45.6	116.8	97.0	2.4	1.3	1.6	1.0
3532	**123d04**	AV639522	HC100e01			47.5	48.4	31.5	1.0	0.1	1.6	0.5
3533	**169b01**	BP096831	MXL065e11			27.4	22.4	15.8	0.8	0.1	1.6	0.8
3534	**155c05**	AV631349	LCL092d10			7.1	11.8	7.4	2.0	0.9	1.6	0.2
3535	**117h02**	AV633202	HC018a01			3.9	4.3	2.8	1.2	0.3	1.6	0.2
3536	**132c06**	AV644621	HCL091d02			14.2	15.4	10.1	1.1	0.1	1.6	0.5
3537	**130e11**	AV643572	HCL072a08			5.4	7.1	4.5	1.3	0.1	1.6	0.2
3538	**003a07**	AV395992	CL53c11			53.6	62.8	39.1	1.4	0.5	1.6	0.4
3539	**165d05**	BP095180	MXL037c04			8.4	13.8	8.9	1.6	0.5	1.6	0.7
3540	**017h11**	AV644010	HCL080b07			5.3	3.6	2.6	0.7	0.1	1.6	0.9
3541	**034h05**	BP096372	MXL057f10			3.8	28.1	17.8	7.4	1.5	1.6	0.3
3542	**160e02**	BP088664	MX066b02			9.8	12.0	9.1	1.3	0.7	1.6	1.1
3543	**102e05**	AV394459	CL23c10			7.0	7.7	4.7	1.1	0.2	1.6	0.4
3544	**024a05**	AV626277	LCL005f09			47.9	66.0	41.9	1.4	0.2	1.6	0.3
3545	**112a01**	AV391304	CM053c12			4.9	8.0	5.0	1.8	0.6	1.6	0.2
3546	**171c11**	BP097848	MXL082c08			40.0	53.9	34.4	1.3	0.1	1.6	0.6
3547	**154b05**	AV630814	LCL084f11			131.3	168.5	105.3	1.2	0.6	1.6	1.0
3548	**135h10**	AV620359	LC021a09			9.1	10.6	6.8	1.2	0.1	1.6	0.5
3549	**028b05**	AV629657	LCL062g12			12.2	16.7	10.6	1.4	0.7	1.6	0.9
3550	**103g03**	AV395433	CL41d12			3.2	4.1	2.7	1.3	0.4	1.6	0.7
3551	**140f12**	AV624009	LC071f11			7.8	17.8	11.1	2.2	0.7	1.6	0.6
3552	**002a05**	AV394804	CL28d05			20.5	46.5	29.4	2.5	1.0	1.6	0.1
3553	**025e01**	AV627422	LCL026d12			29.1	34.4	21.6	1.2	0.1	1.6	0.1
3554	**007b01**	AV391076	CM050e11			11.5	16.7	10.5	1.4	0.2	1.6	0.1
3555	**133c12**	AV645025	HCL097b06			6.6	24.8	15.1	3.7	1.3	1.6	0.4
3556	**166c11**	BP095592	MXL044c10			10.0	10.0	8.4	1.1	0.5	1.6	1.0
3557	**105f05**	AV396740	CL66g01			67.9	127.2	85.9	2.0	1.4	1.6	1.2
3558	**164g11**	BP094950	MXL033b05			103.3	152.9	106.4	1.4	0.3	1.6	1.1
3559	**133b05**	BP383766	HCL096d04			76.8	89.6	58.7	1.5	0.8	1.6	0.4
3560	**141b08**	AV624332	LC076c06			27.5	33.9	21.2	1.3	0.6	1.6	0.3
3561	**160e12**	BP088804	MX101c05			179.4	298.2	193.9	1.7	0.0	1.6	0.4
3562	**014b07**	AV639768	HCL004f12			4.0	3.6	2.5	0.9	0.1	1.6	0.8
3563	**006b02**	AV389121	CM035c05			4.8	14.3	8.9	3.2	1.7	1.6	0.1
3564	**132a09**	AV644448	HCL088g04			15.6	19.8	13.0	1.3	0.2	1.6	0.3
3565	**026a04**	AV627989	LCL035a03			18.9	32.6	23.3	1.8	0.4	1.6	0.7
3566	**106c01**	AV397134	CL76d09			10.4	19.0	12.0	1.8	0.2	1.6	0.1
3567	**169e08**	BP097020	MXL068g09			7.1	13.4	8.7	2.0	0.4	1.6	0.4
3568	**116g07**	AV631885	HC001c07			6.0	7.9	5.1	1.3	0.2	1.6	0.3
3569	**169c01**	BP096873	MXL066c03			13.9	13.4	8.7	1.0	0.2	1.6	0.4
3570	**164g05**	BP094897	MXL031h08			147.9	117.7	76.6	0.9	0.2	1.6	0.5
3571	**102f09**	AV394580	CL26f04			24.6	19.8	12.8	0.8	0.1	1.6	0.3
3572	**142f07**	AV625356	LC091d09			272.7	248.4	157.8	0.9	0.1	1.6	0.5
3573	**006b07**	AV389239	CM035g03			9.5	10.9	7.2	1.2	0.3	1.6	0.5
3574	**028h07**	AV630381	LCL078a09			21.4	20.7	13.5	1.0	0.1	1.6	0.3
3575	**161b09**	BP092976	MXL001f08			31.2	27.1	19.2	0.9	0.1	1.6	0.7
3576	**134h04**	AV619578	LC010c08			13.4	14.9	9.6	1.2	0.3	1.6	0.2
3577	**027b02**	AV628870	LCL048c05			7.7	6.9	4.9	0.9	0.2	1.6	0.7
3578	**140d12**	AV623843	LC069d10			8.3	20.9	13.4	2.6	0.7	1.6	0.4
3579	**106d01**	AV397202	CL78f03			21.3	34.6	29.7	1.7	0.4	1.6	0.9
3580	**134b01**	AV618987	LC002c05			18.0	19.6	14.5	1.1	0.3	1.6	0.9
3581	**110g01**	AV389726	CM039d09			2.1	3.1	2.0	1.5	0.2	1.6	0.6
3582	**028h09**	AV630399	LCL078c08			2.0	2.6	1.7	2.0	1.9	1.6	0.7
3583	**161c03**	BP093003	MXL002a08			7.8	11.0	8.2	2.0	1.3	1.6	0.7
3584	**002h02**	AV395744	CL50a03			15.3	22.0	13.5	1.4	0.6	1.6	0.5
3585	**101c08**	AV393363	CL04d03			51.1	51.5	32.9	1.1	0.3	1.6	0.2
3586	**136b02**	AV620462	LC022e02			42.0	41.6	26.9	1.0	0.1	1.6	0.3
3587	**123b05**	BP383723	HC097g02			42.0	42.0	27.5	1.0	0.1	1.6	0.8
3588	**027c05**	AV629069	LCL051c12			11.3	14.7	9.9	1.3	0.6	1.6	1.0
3589	**169c08**	BP096908	MXL066h07			9.4	20.6	13.3	2.2	0.3	1.6	0.2
3590	**001b12**	AV393485	CL07c01			4.1	4.6	3.2	1.1	0.5	1.6	0.8
3591	**031h07**	BP087453	MX034h03			69.8	54.8	35.8	0.8	0.0	1.6	0.2
3592	**155c01**	AV631337	LCL092c04			20.3	18.2	15.5	0.9	0.3	1.6	1.0
3593	**110h09**	AV389951	CM040h05			34.0	42.3	27.4	1.3	0.5	1.6	0.6
3594	**136g02**	AV620853	LC027f12			6.8	10.9	6.9	1.6	0.2	1.6	0.2
3595	**153a01**	AV630262	LCL076c06			8.5	7.0	4.6	0.8	0.2	1.6	0.9
3596	**156f11**	BP086285	MX005g08			260.5	290.3	180.2	1.1	0.1	1.6	0.4
3597	**139b02**	AV622837	LC055c10			27.3	24.9	15.7	0.9	0.1	1.6	0.1
3598	**006e01**	AV390013	CM041c11			17.1	19.8	12.9	1.2	0.2	1.6	0.3
3599	**017e01**	AV643250	HCL066d04			6.8	8.4	5.6	1.3	0.2	1.6	0.4
3600	**157h01**	BP087177	MX027d07			7.7	6.1	5.6	0.9	0.8	1.6	1.5
3601	**021c12**	AV622190	LC046d01			69.2	76.6	66.9	1.1	0.1	1.6	1.1
3602	**119h03**	AV635513	HC047c08			10.1	12.6	8.2	1.2	0.1	1.6	0.2
3603	**141e08**	AV624568	LC079e04			10.8	16.3	11.9	1.7	0.5	1.6	0.6
3604	**172b10**	BP098266	MXL090e05			5.0	6.7	4.5	1.4	0.3	1.6	0.6
3605	**001e01**	AV393856	CL14b04			124.7	183.3	117.9	1.4	0.3	1.6	0.6
3606	**149b03**	AV628351	LCL040d12			9.9	9.4	6.2	1.1	0.5	1.6	0.2
3607	**129e10**	AV642928	HCL060g01			33.7	39.2	25.4	1.2	0.2	1.6	0.3
3608	**164c02**	BP094674	MXL027a03			16.9	19.9	14.2	1.5	0.9	1.6	0.7
3609	**158a12**	BP087460	MX035a09			15.0	14.1	12.8	0.9	0.2	1.6	1.2
3610	**021d01**	AV622191	LC046d02			29.2	21.3	14.4	0.7	0.1	1.6	0.4
3611	**135f12**	AV620175	LC018f02			5.7	7.2	4.6	1.4	0.6	1.6	0.2
3612	**105h08**	AV397031	CL72b02			18.6	17.4	11.1	1.1	0.4	1.6	0.1
3613	**135g12**	AV620256	LC019f10			6.1	6.8	4.5	1.2	0.3	1.6	0.4
3614	**109e06**	AV387635	CM027c12			3.6	4.3	2.9	1.2	0.3	1.6	0.5
3615	**122g10**	AV638896	HC092c03			121.2	111.4	74.3	1.1	0.6	1.6	0.4
3616	**136b04**	AV620467	LC022e07			5.2	6.7	5.0	1.3	0.7	1.6	1.1
3617	**156d08**	BP086101	MX001h09			18.7	29.0	19.7	1.5	0.4	1.6	0.7
3618	**135e03**	AV620004	LC016b03			10.6	11.8	8.8	1.1	0.2	1.6	0.9
3619	**135g02**	AV620196	LC018h04			15.0	23.9	14.7	1.5	0.3	1.6	0.5
3620	**123g05**	AV639770	HCL004g03			12.4	14.5	10.1	1.1	0.6	1.6	1.3
3621	**139e06**	AV623135	LC059d05			4.4	9.2	5.8	2.1	0.6	1.6	0.4
3622	**022a12**	AV623399	LC063c01			21.2	15.6	13.6	0.7	0.1	1.6	0.9
3623	**103h03**	AV395500	CL42f08			4.4	5.1	3.3	1.2	0.2	1.6	0.2
3624	**145d08**	AV626691	LCL013g08			7.3	12.2	8.0	1.7	0.2	1.6	0.3
3625	**107a05**	AV386870	CM005g03			3.7	5.1	3.3	1.6	0.8	1.6	0.3
3626	**019f08**	AV620136	LC018a10			4.1	5.1	3.7	1.3	0.2	1.6	0.8
3627	**001c02**	AV393450	CL07f04			7.8	10.8	7.3	1.5	0.6	1.6	0.5
3628	**019f01**	AV620060	LC017a09			6.6	11.0	7.3	1.7	0.3	1.6	0.2
3629	**001d07**	AV393806	CL12c07			6.2	10.3	7.0	1.8	0.5	1.6	0.6
3630	**127c05**	AV641705	HCL039a04			11.5	16.0	9.9	1.5	0.9	1.6	0.6
3631	**139b08**	AV622872	LC055h02			68.6	73.7	47.9	1.1	0.2	1.6	0.2
3632	**150d06**	AV628964	LCL049f07			15.2	14.6	9.0	0.9	0.2	1.6	0.6
3633	**031c09**	BP086709	MX014h11			11.4	12.8	8.8	1.1	0.3	1.6	0.8
3634	**124a12**	AV639962	HCL008a01			7.5	10.8	7.2	1.5	0.1	1.6	0.4
3635	**153c12**	AV630452	LCL079a11			136.8	130.2	84.7	1.0	0.2	1.6	0.5

	A	B	C	D	E	F	G	H	I	J	K	L
3636	**011g06**	AV635449	HC046e01			12.9	15.2	9.9	1.2	0.1	1.6	0.2
3637	**133h04**	AV645253	HCL100c04			5.8	9.1	5.7	1.6	0.8	1.6	0.4
3638	**142a05**	AV624864	LC083g06			106.2	106.1	80.2	1.0	0.1	1.6	0.8
3639	**101f02**	AV393779	CL11f08			6.9	12.0	8.6	1.7	0.1	1.6	0.6
3640	**121g03**	AV637466	HC073e02			8.0	11.3	7.4	1.5	0.5	1.6	0.5
3641	**103a09**	AV395010	CL31c07			7.0	5.6	4.8	0.7	0.3	1.6	1.4
3642	**018h09**	AV619258	LC005g07			3.3	5.2	3.7	1.3	0.7	1.6	1.4
3643	**136e03**	AV620725	LC026a06			11.4	11.3	9.3	1.0	0.1	1.6	1.0
3644	**162e07**	BP093773	MXL013e12			12.5	15.2	9.9	1.2	0.1	1.6	0.1
3645	**171h05**	BP098145	MXL088b02			21.0	22.4	26.6	1.0	0.5	1.6	1.6
3646	**114d04**	AV389527	CM076b11			20.6	18.0	11.5	1.0	0.2	1.6	0.3
3647	**119g07**	AV635362	HC045d10			4.9	6.3	4.3	1.4	0.6	1.6	0.3
3648	**025a09**	AV627036	LCL020b08			11.1	14.9	9.7	1.4	0.2	1.6	0.2
3649	**103c12**	AV394943	CL34g12			25.1	27.8	19.2	1.2	0.6	1.6	0.6
3650	**115a06**	AV390438	CM083a01			7.0	7.0	4.7	1.0	0.3	1.6	0.6
3651	**138g01**	AV622519	LC050g04			4.5	7.9	4.9	1.8	0.9	1.6	0.2
3652	**033f01**	BP094592	MXL025d05			5.2	5.8	4.0	1.1	0.3	1.6	0.5
3653	**033e02**	BP094421	MXL022g12			19.0	16.3	13.5	0.9	0.1	1.6	1.0
3654	**103a08**	AV395016	CL31b12			3.4	4.3	4.1	1.2	0.3	1.6	1.4
3655	**102b08**	AV394161	CL19f06			4.4	4.8	3.3	1.1	0.2	1.6	0.5
3656	**136g08**	AV620897	LC028c09			227.1	260.9	189.0	1.2	0.1	1.6	0.6
3657	**163c05**	BP094166	MXL019a03			5.4	20.4	12.9	3.7	1.2	1.6	0.4
3658	**137b04**	AV621222	LC032h09			923.2	851.7	554.5	0.9	0.0	1.6	0.2
3659	**160b05**	BP088372	MX058h03			10.6	8.9	6.5	0.8	0.2	1.6	0.9
3660	**103d01**	AV395083	CL35d10			23.3	35.1	26.6	1.5	0.2	1.5	0.8
3661	**169c12**	BP096923	MXL067b07			8.3	8.7	6.5	1.1	0.2	1.5	0.6
3662	**111e03**	AV390781	CM047h09			139.6	190.6	128.8	1.4	0.2	1.5	0.3
3663	**022e10**	AV623997	LC071e07			6.4	14.3	9.1	2.2	0.4	1.5	0.6
3664	**029g04**	AV631069	LCL088d01			6.4	7.5	5.0	1.2	0.1	1.5	0.3
3665	**129h02**	AV643068	HCL063b10			12.9	17.3	11.7	1.3	0.2	1.5	0.7
3666	**121h01**	AV637566	HC074g06			14.2	18.7	12.2	1.4	0.4	1.5	0.2
3667	**116e09**	AV393200	CM100b08			24.5	19.5	15.3	0.8	0.1	1.5	1.0
3668	**153a04**	AV630279	LCL076f02			7.2	7.6	5.0	1.1	0.3	1.5	0.3
3669	**119c09**	AV634851	HC038g08			8.5	8.5	5.9	1.0	0.1	1.5	0.6
3670	**132d04**	AV644676	HCL092a12			98.2	96.6	83.1	1.0	0.0	1.5	1.0
3671	**010a07**	AV632110	HC004a11			2.5	2.0	1.3	0.9	0.4	1.5	0.3
3672	**143a01**	AV625529	LC094b09			8.2	7.3	4.7	1.0	0.4	1.5	0.1
3673	**105c09**	AV396341	CL61e10			62.7	74.5	48.2	1.2	0.3	1.5	0.2
3674	**007b03**	AV391116	CM051a03			12.8	14.7	9.5	1.1	0.2	1.5	0.5
3675	**115b08**	AV390743	CM085b01			99.7	117.7	80.8	1.2	0.1	1.5	0.6
3676	**105f04**	AV396746	CL66e09			62.8	45.2	32.5	0.8	0.2	1.5	0.6
3677	**002g02**	AV395681	CL47d01			47.0	52.0	34.8	1.1	0.2	1.5	0.5
3678	**109g09**	AV388461	CM029g04			4.4	4.4	2.9	1.0	0.2	1.5	0.4
3679	**149a04**	AV628292	LCL039f09			13.7	13.9	9.6	1.0	0.1	1.5	0.6
3680	**129a09**	AV642653	HCL055d09			274.5	321.4	225.4	1.2	0.1	1.5	0.3
3681	**151h06**	AV629719	LCL064e02			145.1	131.8	87.3	0.9	0.2	1.5	0.2
3682	**132e09**	AV644719	HCL092g10			54.0	46.6	31.5	1.0	0.5	1.5	0.4
3683	**116g08**	AV631888	HC001c10			8.1	10.0	6.5	1.3	0.5	1.5	0.2
3684	**145h04**	AV626884	LCL017d01			5.3	6.9	4.7	1.3	0.4	1.5	0.7
3685	**121h05**	AV637632	HC075f03			16.2	21.0	12.8	1.3	0.7	1.5	0.6
3686	**138b09**	AV622122	LC045d06			55.6	58.9	45.7	1.0	0.2	1.5	1.0
3687	**156c03**	AV631782	LCL099g09			37.0	33.7	25.2	1.0	0.5	1.5	0.8
3688	**023h07**	AV626220	LCL004e07			6.3	10.9	7.3	1.7	0.2	1.5	0.6
3689	**142c06**	AV625035	LC087a02			5.8	7.0	4.6	1.2	0.4	1.5	0.6
3690	**114e08**	AV388541	CM078b01			23.4	31.3	20.7	1.4	0.2	1.5	0.3
3691	**104b12**	AV397778	CL45g06			5.5	8.1	5.4	1.4	0.6	1.5	0.8
3692	**135f02**	AV620057	LC017a06			7.6	16.7	11.1	2.2	1.2	1.5	0.5
3693	**136c11**	AV620638	LC024g05			16.7	16.2	10.8	1.0	0.2	1.5	0.5
3694	**149b02**	AV628349	LCL040d10			10.2	15.1	9.9	1.6	0.6	1.5	0.1
3695	**143a07**	AV625549	LC094e02			156.5	162.9	116.0	1.0	0.1	1.5	0.8
3696	**166b03**	BP095463	MXL042b10			29.0	23.7	19.8	0.8	0.2	1.5	0.9
3697	**005a01**	AV387458	CM016h04			20.2	23.4	14.9	1.1	0.2	1.5	0.3
3698	**001e04**	AV393938	CL15a02			2.4	4.3	2.9	1.8	0.4	1.5	0.4
3699	**113h05**	AV388507	CM071b04			25.8	20.4	13.4	0.8	0.1	1.5	0.2
3700	**028b02**	AV629608	LCL061h08			9.7	6.8	6.2	0.7	0.1	1.5	1.1
3701	**121b02**	AV636804	HC064d08			29.9	31.7	23.2	1.0	0.2	1.5	0.8
3702	**172b05**	BP098228	MXL089f11			5.9	6.5	4.8	2.1	1.6	1.5	0.5
3703	**116e04**	AV392758	CM099h01			38.3	54.7	35.8	1.4	0.1	1.5	0.1
3704	**146a02**	AV626936	LCL018d10			10.6	12.5	8.1	1.2	0.4	1.5	0.3
3705	**123b09**	AV639344	HC098b09			13.3	21.2	14.4	1.6	0.3	1.5	0.5
3706	**008e11**	AV388655	CM071g09			32.6	41.4	30.5	1.2	0.3	1.5	1.1
3707	**132e07**	AV644716	HCL092g06			112.2	106.8	76.8	1.0	0.3	1.5	0.7
3708	**101a06**	AV393309	CL01d03			5.5	6.2	4.1	1.2	0.4	1.5	0.3
3709	**105g07**	AV396774	CL69b08			8.1	8.3	6.2	1.1	0.4	1.5	0.8
3710	**145h06**	AV626888	LCL017d12			10.4	15.4	10.2	1.5	0.1	1.5	0.2
3711	**139a01**	BP383800	LC053h04			62.7	94.2	66.9	1.5	0.2	1.5	0.8
3712	**135h05**	AV620321	LC020e07			18.2	25.1	16.4	1.4	0.2	1.5	0.4
3713	**148a01**	AV627771	LCL031g09			70.8	79.9	54.2	1.1	0.1	1.5	0.6
3714	**102b05**	AV394192	CL19c12			31.1	31.5	20.6	1.0	0.2	1.5	0.1
3715	**032d08**	BP093242	MXL005e07			14.5	15.3	11.0	1.1	0.1	1.5	0.6
3716	**138b04**	AV622098	LC045a04			52.2	54.7	39.8	1.0	0.2	1.5	0.8
3717	**109d09**	AV387569	CM026f01			13.4	19.6	13.2	1.4	0.4	1.5	0.7
3718	**165f09**	BP095306	MXL039f07			96.3	122.9	89.0	1.3	0.3	1.5	0.6
3719	**170e06**	BP097453	MXL076a01			205.2	266.1	204.5	1.2	0.5	1.5	1.2
3720	**132c12**	AV644662	HCL091h04			9.1	12.8	8.5	1.4	0.3	1.5	0.3
3721	**138c08**	BP383794	LC046d06			40.0	41.5	26.8	1.0	0.1	1.5	0.3
3722	**165b06**	BP095103	MXL035h05			6.7	11.4	9.0	1.7	0.1	1.5	0.8
3723	**007a10**	AV391031	CM050b06			9.0	13.6	9.2	1.6	0.6	1.5	0.5
3724	**132e12**	AV644739	HCL093b06			5.0	5.4	3.8	1.1	0.4	1.5	0.5
3725	**156f01**	BP086216	MX004c09			159.7	181.9	116.6	1.2	0.1	1.5	0.4
3726	**141b11**	AV624340	LC076d07			17.1	19.8	13.1	1.2	0.1	1.5	0.4
3727	**011e09**	AV635115	HC042a09			20.3	23.0	16.0	1.2	0.3	1.5	0.5
3728	**013d04**	AV638603	HC088d10			111.4	173.4	123.9	1.6	0.1	1.5	0.5
3729	**139b01**	AV622834	LC055c05			10.4	8.5	5.6	0.8	0.2	1.5	0.3
3730	**107a11**	AV386804	CM007a06			3.6	5.0	3.6	1.5	0.4	1.5	0.7
3731	**164g03**	BP094891	MXL031g09			9.4	15.4	11.1	1.8	1.3	1.5	1.0
3732	**031d01**	BP086786	MX016g06			6.1	6.2	4.5	1.0	0.1	1.5	0.6
3733	**165a01**	BP095007	MXL034c11			8.1	8.9	7.2	1.2	0.5	1.5	0.8
3734	**015h05**	AV641492	HCL034f07			5.8	5.1	4.1	0.9	0.3	1.5	0.9
3735	**024f01**	AV626663	LCL013b12			4.6	6.4	5.1	1.4	0.4	1.5	0.8
3736	**027g02**	AV629388	LCL057g08			9.6	8.0	6.1	0.8	0.1	1.5	0.7
3737	**133e02**	AV645069	HCL097g06			92.0	94.8	74.2	1.0	0.1	1.5	0.9
3738	**119a03**	AV634489	HC034a10			79.9	77.4	50.8	1.0	0.2	1.5	0.3
3739	**122f05**	AV638634	HC088g11			8.5	8.5	5.6	1.0	0.2	1.5	0.3
3740	**016a10**	AV641646	HCL038a05			6.6	10.5	8.2	1.8	1.1	1.5	1.0
3741	**022e01**	AV623878	LC069h10			58.8	67.5	44.2	1.2	0.0	1.5	0.2
3742	**121f01**	AV637299	HC071c11			9.2	12.1	8.9	1.3	0.4	1.5	0.8

	A	B	C	D	E	F	G	H	I	J	K	L
3743	**165b10**	BP095111	MXL036a02			6.1	7.4	5.8	1.2	0.2	1.5	0.7
3744	**105h02**	AV396842	CL70a02			10.8	24.4	16.1	2.4	1.0	1.5	0.1
3745	**019d07**	BP383778	LC014b10			6.1	6.5	5.1	1.0	0.3	1.5	1.0
3746	**023a10**	AV624617	LC080c06			16.2	25.0	17.1	1.5	0.1	1.5	0.3
3747	**118d01**	AV633708	HC024c05			18.8	35.2	23.8	1.9	0.1	1.5	0.2
3748	**025d02**	AV627293	LCL024e06			8.9	10.7	7.5	1.3	0.3	1.5	0.4
3749	**105e08**	AV396574	CL65d04			10.4	13.6	9.0	1.3	0.2	1.5	0.1
3750	**117f05**	AV632913	HC014c07			5.5	7.8	5.2	1.5	0.5	1.5	0.4
3751	**016a01**	AV641574	HCL036e12			3.5	7.9	5.3	2.5	1.3	1.5	0.5
3752	**017f02**	AV643426	HCL069e01			1.8	2.4	1.7	1.3	0.4	1.5	0.5
3753	**120g02**	AV636376	HC058f10			5.1	9.6	6.4	1.9	0.5	1.5	0.3
3754	**161b01**	BP092951	MXL001c10			51.4	48.2	36.5	0.9	0.2	1.5	0.8
3755	**146c12**	AV627069	LCL020f01			10.8	20.2	13.4	1.9	0.7	1.5	0.3
3756	**003c02**	AV396236	CL58b10			5.9	4.2	3.1	1.1	0.7	1.5	0.6
3757	**109e02**	AV387593	CM027a04			14.3	17.1	11.4	1.2	0.2	1.5	0.2
3758	**013e05**	AV638811	HC091b04			4.2	8.5	5.8	1.9	0.9	1.5	0.9
3759	**146e11**	AV627151	LCL021h07			11.2	44.7	30.3	4.0	0.3	1.5	0.2
3760	**120f05**	AV636239	HC056h07			181.0	176.6	128.4	1.0	0.2	1.5	0.6
3761	**017f06**	AV643498	HCL070g01			16.0	17.9	11.9	1.2	0.4	1.5	0.1
3762	**110b08**	AV388952	CM033h01			68.5	72.0	52.3	1.1	0.3	1.5	0.6
3763	**020c01**	AV620833	LC027d12			14.9	15.1	10.6	1.0	0.2	1.5	0.6
3764	**106e05**	AV386520	CM001b05			8.6	11.6	7.8	1.4	0.2	1.5	0.2
3765	**122c03**	AV637967	HC080a08			24.1	28.8	20.3	1.2	0.6	1.5	1.0
3766	**123g06**	AV639773	HCL004g10			12.1	16.4	11.3	1.3	0.3	1.5	0.7
3767	**140d08**	AV623828	LC069b10			14.8	14.7	10.7	1.0	0.2	1.5	0.7
3768	**115a01**	AV390220	CM082e12			6.6	10.6	7.1	1.6	0.6	1.5	0.6
3769	**103g04**	AV395442	CL41e06			39.4	33.8	23.4	0.9	0.4	1.5	0.7
3770	**026a11**	AV628070	LCL036c06			9.3	9.0	6.3	1.0	0.2	1.5	0.6
3771	**137a07**	AV621176	LC032c09			7.1	4.6	3.2	0.7	0.2	1.5	0.3
3772	**168b09**	BP096340	MXL057a12			774.6	571.6	538.1	0.7	0.4	1.5	1.4
3773	**018g03**	AV619049	LC003a12			5.0	8.0	5.4	1.8	0.7	1.5	0.3
3774	**103b09**	AV394840	CL32e09			12.8	14.4	9.7	1.1	0.3	1.5	0.7
3775	**124h12**	AV640364	HCL015a03			22.5	22.9	15.3	1.0	0.1	1.5	0.1
3776	**118b11**	BP383690	HC022c10			45.0	67.9	47.5	1.3	0.7	1.5	1.3
3777	**143g11**	AV625977	LC100f03			3.3	10.6	6.3	2.9	1.9	1.5	0.5
3778	**120b04**	AV635761	HC050e12			5.8	5.9	3.9	1.0	0.4	1.5	0.5
3779	**025b07**	AV627142	LCL021g07			8.7	18.9	13.0	2.2	0.2	1.5	0.2
3780	**148b03**	AV627847	LCL032h03			9.5	8.1	5.5	0.9	0.1	1.5	0.2
3781	**123b01**	AV639272	HC097c01			17.0	18.6	13.3	1.1	0.3	1.5	0.5
3782	**116a12**	AV392627	CM096c08			8.4	11.6	8.7	1.5	0.3	1.5	0.8
3783	**161c02**	BP093000	MXL002a05			41.8	55.2	37.5	1.3	0.5	1.5	0.6
3784	**152c09**	AV629890	LCL068d08			11.8	16.3	11.0	1.4	0.2	1.5	0.2
3785	**026d09**	AV628340	LCL040c11			18.3	39.8	26.4	2.2	0.9	1.5	0.5
3786	**030g02**	BP086119	MX002c05			11.0	12.4	8.6	1.1	0.1	1.5	0.4
3787	**122c09**	AV638065	HC081d10			18.7	27.9	18.7	1.6	0.4	1.5	0.3
3788	**167f01**	BP096121	MXL053a12			22.8	15.6	11.8	0.7	0.1	1.5	0.7
3789	**146f04**	AV627166	LCL022b02			7.1	85.0	59.5	11.9	4.5	1.5	0.2
3790	**168b07**	BP096338	MXL057a09			14.6	13.9	10.1	1.1	0.5	1.5	0.4
3791	**145d03**	AV626653	LCL013a11			7.3	13.2	8.8	1.8	0.2	1.5	0.1
3792	**131f07**	AV644239	HCL084e08			7.8	10.3	7.0	1.3	0.2	1.5	0.2
3793	**025a07**	AV627024	LCL020a02			1.9	1.8	1.5	1.1	0.6	1.5	1.1
3794	**032f01**	BP093475	MXL008h07			7.5	8.4	6.2	1.2	0.7	1.5	0.8
3795	**123d11**	AV639584	HCL001d07			14.5	20.4	14.0	1.4	0.2	1.5	0.7
3796	**113d05**	AV393068	CM067a06			16.2	25.3	16.9	1.6	0.4	1.5	0.2
3797	**004h05**	AV387418	CM015b11			24.4	16.3	10.2	0.9	0.4	1.5	1.0
3798	**031f01**	BP087111	MX025f04			19.5	25.0	17.3	1.4	0.4	1.5	0.3
3799	**020f08**	AV621316	LC034c07			22.1	30.4	21.9	1.4	0.1	1.5	0.4
3800	**117d01**	AV632530	HC009d03			3.6	7.3	5.0	2.1	0.4	1.5	0.3
3801	**161c09**	BP093054	MXL002g01			20.3	26.1	19.5	1.3	0.3	1.5	0.9
3802	**143b02**	AV625578	LC094h06			7.9	6.8	4.8	0.9	0.3	1.5	0.4
3803	**117g07**	AV633100	HC016g04			8.1	14.4	9.6	1.8	0.1	1.5	0.3
3804	**125a05**	AV640395	HCL015e08			14.9	23.8	16.1	1.6	0.2	1.5	0.2
3805	**169f07**	BP097068	MXL069e07			12.7	13.4	11.1	1.1	0.5	1.5	1.0
3806	**108e11**	AV397439	CM020e09			9.8	11.5	8.0	1.2	0.1	1.5	0.4
3807	**017g12**	AV643775	HCL075g08			8.6	8.3	7.5	0.9	0.4	1.5	1.1
3808	**101f07**	AV393809	CL12g07			38.8	48.4	33.2	1.3	0.1	1.5	0.3
3809	**163f02**	BP094381	MXL022c09			30.2	49.7	36.9	2.0	1.3	1.5	0.8
3810	**103a04**	AV394766	CL30g11			4.8	6.5	6.2	1.4	0.4	1.5	1.1
3811	**031g07**	BP087346	MX032e08			22.2	20.0	17.5	0.9	0.1	1.5	1.0
3812	**024a12**	AV389652	CM079b06			27.1	23.0	19.4	0.8	0.1	1.5	0.8
3813	**116b11**	AV393059	CM097f03			74.3	94.7	64.0	1.3	0.3	1.5	0.1
3814	**161b08**	BP092975	MXL001f05			8.3	12.9	9.2	1.6	0.4	1.5	0.5
3815	**020c07**	AV620909	LC028e01			5.8	29.9	19.5	5.0	2.1	1.5	0.2
3816	**026d02**	AV628294	LCL039f11			16.7	15.0	14.8	0.9	0.1	1.5	1.0
3817	**165c10**	BP095156	MXL036g10			16.4	23.3	15.6	1.4	0.2	1.5	0.4
3818	**129e12**	AV642943	HCL061a05			16.3	17.8	12.6	1.1	0.1	1.5	0.5
3819	**115b03**	AV390351	CM084e01			4.7	11.2	7.7	2.4	0.2	1.5	0.3
3820	**134g11**	AV619539	LC009f12			11.8	15.6	10.4	1.4	0.7	1.5	0.5
3821	**136d02**	AV620644	LC024h01			16.0	17.5	12.0	1.1	0.1	1.5	0.3
3822	**013a01**	AV637721	HC076f08			3.5	7.8	5.3	2.3	0.7	1.5	0.3
3823	**128e10**	AV642436	HCL051f10			952.6	821.7	545.8	0.9	0.2	1.5	0.4
3824	**131e09**	AV644176	HCL083d01			25.1	36.1	29.6	1.3	0.9	1.5	1.3
3825	**122e07**	AV638497	HC087b03			223.4	246.5	178.3	1.1	0.0	1.5	0.4
3826	**136e01**	BP383785	LC025h10			323.0	382.7	286.4	1.2	0.1	1.5	0.6
3827	**135b01**	AV619686	LC011g04			207.6	194.7	142.1	0.9	0.0	1.5	0.7
3828	**116h02**	AV631962	HC002c01			9.0	11.2	8.2	1.3	0.2	1.5	0.6
3829	**002c08**	AV395124	CL36d01			93.6	100.6	68.8	1.1	0.2	1.5	0.4
3830	**104e07**	AV395929	CL51b04			3.4	3.7	2.7	1.1	0.3	1.5	0.6
3831	**111b08**	AV390212	CM044c09			22.6	25.5	17.4	1.1	0.1	1.5	0.2
3832	**031h11**	BP087553	MX037c01			17.5	21.4	16.2	1.2	0.3	1.5	0.7
3833	**139c05**	AV622932	LC056f12			10.2	15.1	10.2	1.5	0.3	1.5	0.1
3834	**021f03**	AV622623	LC052a10			10.9	17.4	12.2	1.7	0.7	1.5	0.4
3835	**167g06**	BP096187	MXL054c05			22.4	71.3	48.0	3.6	2.6	1.5	0.9
3836	**020a12**	AV620747	LC026c10			9.7	9.5	6.6	1.0	0.3	1.5	0.3
3837	**109e09**	AV387671	CM027f01			11.6	17.0	12.0	1.5	0.1	1.5	0.4
3838	**121g01**	AV637437	HC073b06			8.4	10.2	7.0	1.2	0.2	1.5	0.3
3839	**016h03**	AV642661	HCL055f04			8.2	9.5	6.5	1.2	0.1	1.5	0.3
3840	**121g02**	AV637457	HC073d04			2.8	10.0	6.6	3.7	1.4	1.5	0.2
3841	**108f09**	AV387974	CM021c04			14.3	15.4	10.6	1.1	0.2	1.5	0.4
3842	**165c04**	BP095135	MXL036d09			6.6	11.4	9.3	1.7	0.6	1.5	0.9
3843	**035h04**	BP097450	MXL075h09			8.4	17.5	11.9	2.1	0.6	1.5	0.4
3844	**138b11**	AV622129	LC045e03			156.8	172.9	123.1	1.1	0.1	1.5	0.6
3845	**141b04**	AV624313	LC076a01			11.9	15.5	10.6	1.4	0.4	1.5	0.3
3846	**137b07**	AV621230	LC033a11			7.9	7.9	5.4	1.1	0.4	1.5	0.2
3847	**123a09**	AV639234	HC096f10			22.9	32.4	21.3	1.4	0.3	1.5	0.5
3848	**133c03**	BP383771	HCL096f09			170.0	212.0	141.5	1.1	0.6	1.5	1.1
3849	**137a11**	AV621195	LC032e10			143.1	153.8	103.1	1.1	0.1	1.5	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
3850	**018d01**	AV644440	HCL088e12			9.6	14.1	12.1	1.5	0.1	1.5	0.8
3851	**115f11**	AV391337	CM090c09			42.0	34.3	24.2	0.8	0.3	1.5	0.6
3852	**164d01**	BP094721	MXL028b09			14.6	19.4	13.4	1.3	0.2	1.5	0.3
3853	**014g02**	AV640346	HCL014f06			14.6	19.2	13.1	1.4	0.4	1.5	0.2
3854	**011a03**	AV633931	HC027b03			15.2	22.7	15.5	1.6	0.4	1.5	0.2
3855	**172b07**	BP098246	MXL090a12			32.0	42.4	31.8	1.4	0.4	1.5	0.6
3856	**032h05**	BP093703	MXL012c07			16.3	22.3	16.5	1.4	0.1	1.5	0.6
3857	**172b04**	BP098224	MXL089f04			20.3	39.1	28.0	2.2	1.1	1.5	0.7
3858	**145g06**	BP098829	MXL099g11			31.7	31.5	23.2	1.0	0.1	1.5	0.8
3859	**120g01**	AV636352	HC058d07			82.7	81.2	69.7	1.0	0.3	1.5	0.8
3860	**120g07**	AV636405	HC059a10			46.7	72.3	52.7	1.6	0.1	1.5	0.6
3861	**018h02**	AV619147	LC004d09			5.6	10.7	7.4	2.3	0.8	1.5	0.8
3862	**127h12**	AV642090	HCL045d06			10.4	21.4	14.4	2.1	0.8	1.5	0.3
3863	**144a10**	AV626117	LCL002f05			573.8	520.6	458.2	0.9	0.2	1.5	1.1
3864	**106h03**	AV386619	CM003h10			6.5	5.8	3.9	1.0	0.2	1.5	0.4
3865	**018g01**	AV619046	LC003a08			2.5	6.8	4.7	3.2	1.4	1.5	0.6
3866	**119c03**	AV634798	HC038a06			220.4	261.8	200.9	1.2	0.1	1.5	0.6
3867	**166c02**	BP095524	MXL043b12			9.5	17.6	13.1	2.3	1.2	1.5	0.5
3868	**157c08**	BP086774	MX016d11			3.1	5.7	3.9	1.9	0.6	1.5	0.3
3869	**102a10**	AV394048	CL18c11			6.0	7.8	5.4	1.4	0.3	1.5	0.3
3870	**137b03**	AV621221	LC032h07			16.0	14.6	9.8	0.9	0.2	1.5	0.4
3871	**113e06**	AV393214	CM068d06			97.9	120.4	82.6	1.2	0.2	1.5	0.4
3872	**130b10**	AV643293	HCL067b02			10.9	14.1	10.0	1.3	0.2	1.5	0.3
3873	**122h02**	AV638971	HC093c05			33.1	34.5	24.5	1.1	0.1	1.5	0.4
3874	**112a10**	AV391424	CM054c03			6.5	7.5	5.7	1.2	0.3	1.5	0.8
3875	**009b11**	AV390581	CM085e12			31.8	33.0	22.6	1.1	0.1	1.5	0.1
3876	**111f01**	AV390897	CM048g11			12.9	14.4	11.0	1.1	0.3	1.5	0.7
3877	**001b08**	AV393570	CL05h04			5.6	5.7	4.1	1.0	0.2	1.5	0.4
3878	**165e09**	BP095253	MXL038h06			56.1	42.3	29.2	0.8	0.2	1.5	0.2
3879	**163c04**	BP094160	MXL018h09			20.7	31.1	24.3	1.9	1.1	1.5	0.7
3880	**121d02**	AV637086	HC068e06			11.8	9.7	7.3	0.8	0.2	1.5	0.7
3881	**002h10**	AV395900	CL51g06			0.5	1.1	0.9	4.4	5.6	1.5	1.3
3882	**104d09**	AV395734	CL50c05			35.3	53.4	36.6	1.5	0.3	1.5	0.2
3883	**165g06**	BP095346	MXL040c09			13.3	29.4	20.8	2.8	2.3	1.5	1.0
3884	**136a11**	AV620449	LC022c10			7.8	9.6	6.7	1.2	0.1	1.5	0.2
3885	**147a03**	BP383839	LCL025c01			11.4	10.7	7.4	0.9	0.2	1.5	0.2
3886	**032h10**	BP093796	MXL013h07			7.6	12.5	8.5	1.7	0.5	1.5	0.3
3887	**122f08**	AV638678	HC089d01			19.0	18.3	14.6	1.0	0.4	1.5	1.0
3888	**166c03**	BP095526	MXL043c02			11.7	15.9	12.4	2.0	1.6	1.5	0.8
3889	**027a10**	AV628796	LCL047c02			9.6	9.2	6.3	1.0	0.1	1.5	0.5
3890	**018f10**	AV619038	LC002h11			27.5	22.5	15.5	0.9	0.4	1.5	0.3
3891	**117h09**	AV633261	HC018f09			4.9	6.2	4.2	1.3	0.6	1.5	0.5
3892	**139b05**	AV622857	LC055f05			152.3	243.6	179.3	1.6	0.2	1.5	0.4
3893	**102f04**	AV394554	CL25b10			7.1	8.2	5.5	1.1	0.3	1.5	0.4
3894	**119h10**	AV635617	HC048f03			3.9	4.8	3.3	1.2	0.3	1.5	0.5
3895	**115c09**	AV390167	CM086d08			21.6	18.3	13.2	0.9	0.2	1.5	0.4
3896	**170b07**	BP097281	MXL073a01			5.9	8.4	6.4	1.7	1.1	1.5	0.8
3897	**104c02**	AV395636	CL46a11			4.8	10.2	6.9	2.1	0.2	1.5	0.2
3898	**124d11**	BP098710	MXL097g04			12.1	15.3	11.1	1.3	0.2	1.5	0.4
3899	**003h02**	AV397248	CL77f08			3.0	7.0	4.8	2.7	1.1	1.5	0.1
3900	**140b03**	AV623607	LC066b12			307.2	286.1	202.6	0.9	0.0	1.5	0.7
3901	**155c03**	AV631345	LCL092d05			20.2	20.5	16.7	1.1	0.5	1.5	0.8
3902	**132g12**	AV644838	HCL094e03			6.7	9.0	6.1	1.3	0.1	1.5	0.1
3903	**143e03**	AV625747	LC097c10			5.6	11.8	8.8	2.4	1.3	1.5	0.4
3904	**141h07**	AV624809	LC083a09			122.0	123.6	98.6	1.0	0.1	1.5	0.8
3905	**139e05**	AV623130	LC059c10			51.5	48.6	39.9	0.9	0.4	1.5	1.1
3906	**142a12**	AV624903	LC084c11			7.8	5.6	4.0	0.7	0.3	1.5	0.6
3907	**036d08**	BP098241	MXL090a02			15.4	17.6	12.9	1.1	0.2	1.5	0.5
3908	**114e10**	AV388536	CM078c06			16.4	17.4	11.9	1.1	0.3	1.5	0.3
3909	**015a04**	AV640641	HCL019f08			16.4	21.1	14.4	1.3	0.4	1.5	0.2
3910	**169a06**	BP096791	MXL064h11			6.9	8.1	6.0	1.2	0.2	1.5	0.5
3911	**155e10**	AV631468	LCL094e11			10.1	14.2	10.2	1.3	0.9	1.5	1.2
3912	**160f01**	BP088834	MX101f05			333.5	339.4	230.9	1.1	0.3	1.5	0.3
3913	**014d03**	AV639989	HCL008d05			5.8	17.3	12.4	3.0	1.7	1.5	0.9
3914	**102h11**	AV394647	CL29g12			4.0	3.9	2.7	1.0	0.2	1.5	0.2
3915	**143g03**	AV625928	LC099h10			9.7	13.8	9.6	1.5	0.2	1.5	0.4
3916	**111e11**	AV390877	CM048f03			13.3	15.4	10.8	1.2	0.2	1.5	0.2
3917	**122b06**	AV637894	HC079a07			11.3	14.7	11.5	1.3	0.1	1.5	0.8
3918	**120f01**	AV636160	HC055h10			159.2	182.1	133.5	1.1	0.1	1.5	0.5
3919	**119c10**	AV634857	HC038h02			8.9	9.0	6.7	1.0	0.2	1.5	0.6
3920	**143e07**	AV625788	LC097h02			5.7	8.8	6.2	1.6	0.6	1.5	0.4
3921	**138h02**	AV622607	LC051h03			20.7	37.9	27.7	1.8	0.1	1.5	0.5
3922	**119a09**	AV634562	HC035a02			77.6	89.7	70.2	1.2	0.0	1.5	0.6
3923	**126d04**	AV641230	HCL030b08			11.5	12.4	8.9	1.1	0.1	1.5	0.3
3924	**121e12**	AV637293	HC071c04			7.3	9.7	6.8	1.3	0.3	1.5	0.5
3925	**171b09**	BP097765	MXL081a03			25.3	26.3	22.6	1.1	0.5	1.5	1.0
3926	**005g11**	AV388445	CM029f07			14.9	16.3	11.3	1.2	0.4	1.5	0.2
3927	**129h07**	AV643122	HCL064b06			53.6	59.4	40.8	1.1	0.1	1.5	0.1
3928	**122b03**	AV637880	HC078h01			16.5	19.2	13.6	1.3	0.3	1.5	0.4
3929	**101d12**	AV393546	CL08d11			8.7	10.5	8.4	1.2	0.3	1.5	0.7
3930	**134e05**	AV619351	LC007b02			8.3	8.8	6.1	1.1	0.5	1.5	0.3
3931	**010h03**	AV633635	HC023c06			13.2	15.5	10.8	1.3	0.3	1.5	0.2
3932	**115c03**	AV390641	CM085f10			47.9	70.6	49.8	1.5	0.3	1.5	0.5
3933	**132d12**	AV644697	HCL092d11			140.3	166.5	122.3	1.2	0.1	1.5	0.3
3934	**026f03**	AV628442	LCL041h09			12.8	17.0	13.1	1.3	0.1	1.5	0.6
3935	**126a09**	AV640994	HCL025h05			15.3	18.9	13.7	1.2	0.1	1.5	0.4
3936	**006g12**	AV390541	CM046h02			12.4	12.2	8.9	1.0	0.5	1.5	0.9
3937	**006a06**	AV388851	CM033c07			23.1	29.0	22.3	1.2	0.1	1.5	0.9
3938	**121d04**	AV637103	HC068g06			12.9	12.8	8.8	1.0	0.1	1.5	0.1
3939	**111a09**	AV390171	CM042h06			4.0	5.0	3.7	1.3	0.5	1.5	0.5
3940	**140a09**	AV623572	LC065g08			11.3	7.8	5.4	0.7	0.1	1.5	0.4
3941	**135b08**	AV619754	LC012f09			10.7	10.5	8.5	1.0	0.1	1.5	0.8
3942	**172c03**	BP098290	MXL090h10			8.1	11.0	8.6	2.1	1.4	1.4	0.6
3943	**145f11**	AV626809	LCL015g11			10.5	32.5	23.8	3.2	0.4	1.4	0.3
3944	**107e10**	AV387011	CM010g07			9.3	12.4	8.6	1.3	0.2	1.4	0.3
3945	**123f03**	AV639657	HCL002e09			18.9	29.9	21.1	1.6	0.5	1.4	0.6
3946	**144h01**	AV626413	LCL008f11			9.2	8.5	6.6	0.9	0.1	1.4	0.7
3947	**160d12**	BP088629	MX065d01			77.5	66.1	51.6	0.8	0.3	1.4	1.1
3948	**119b04**	AV634636	HC035h04			73.5	68.7	60.1	0.9	0.1	1.4	0.8
3949	**152b11**	AV629834	LCL067b09			5.4	5.8	4.1	1.1	0.2	1.4	0.4
3950	**109a06**	AV387759	CM023d10			5.0	5.5	3.9	1.1	0.2	1.4	0.2
3951	**146f09**	AV627177	LCL022c06			119.9	113.6	80.3	1.0	0.1	1.4	0.6
3952	**163b07**	BP094102	MXL018b11			14.0	12.4	9.9	0.9	0.4	1.4	0.8
3953	**153b06**	AV630357	LCL077g05			18.0	21.7	16.0	1.2	0.2	1.4	0.6
3954	**028e02**	AV630030	LCL071e10			1.9	2.7	2.1	1.4	0.2	1.4	0.5
3955	**110a06**	AV388770	CM032c07			8.0	11.8	8.4	1.5	0.2	1.4	0.5
3956	**153d07**	AV630474	LCL079d06			28.4	27.4	19.3	1.0	0.1	1.4	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
3957	**161a02**	BP089458	MX207g01			49.5	40.9	35.7	0.9	0.5	1.4	1.1
3958	**119a02**	AV634483	HC034a02			7.5	9.5	6.9	1.3	0.1	1.4	0.5
3959	**025f02**	AV627587	LCL029a09			23.8	19.2	21.4	0.8	0.1	1.4	1.0
3960	**113a07**	AV392674	CM063b09			14.2	18.3	14.5	1.3	0.1	1.4	0.6
3961	**112f06**	AV392116	CM058d03			13.6	16.2	11.2	1.2	0.4	1.4	0.2
3962	**133c09**	AV645001	HCL096h01			26.3	25.0	19.0	1.0	0.2	1.4	0.6
3963	**027b12**	AV628984	LCL050a01			9.6	13.4	9.5	1.4	0.2	1.4	0.2
3964	**170h10**	BP097663	MXL079c04			18.9	39.6	27.9	2.1	1.6	1.4	1.1
3965	**121c12**	AV637031	HC067f10			12.1	15.5	10.6	1.3	0.3	1.4	0.3
3966	**147d09**	AV627541	LCL028c02			36.8	36.3	29.5	1.0	0.3	1.4	0.7
3967	**166g03**	BP095740	MXL046f07			11.2	10.9	9.2	0.9	0.6	1.4	1.2
3968	**106a09**	AV396471	CL74c09			4.4	5.5	4.1	1.2	0.2	1.4	0.7
3969	**167c11**	BP095983	MXL050e12			8.2	8.9	7.2	1.3	0.6	1.4	0.7
3970	**113c06**	AV392896	CM065b07			14.0	13.2	9.2	1.0	0.2	1.4	0.3
3971	**165c12**	BP095166	MXL037a01			9.6	16.1	13.0	1.7	0.5	1.4	0.8
3972	**019a03**	AV619378	LC007e09			6.2	4.8	4.0	0.9	0.3	1.4	0.7
3973	**114d01**	AV389292	CM075g03			27.9	51.2	41.8	1.9	0.3	1.4	0.6
3974	**125e06**	AV640672	HCL020c12			100.9	120.0	82.5	1.1	0.6	1.4	1.1
3975	**136c01**	AV620585	LC024a05			12.0	15.4	12.4	1.3	0.8	1.4	1.1
3976	**108h01**	AV387865	CM022b11			5.9	7.2	5.1	1.3	0.2	1.4	0.4
3977	**032f12**	BP093566	MXL010c01			4.5	6.1	4.3	1.4	0.2	1.4	0.3
3978	**107h10**	AV387407	CM014b03			17.0	22.7	15.6	1.4	0.2	1.4	0.3
3979	**102f03**	AV394419	CL24h09			10.1	9.0	6.2	0.9	0.3	1.4	0.1
3980	**150d03**	AV628957	LCL049e08			22.5	48.5	33.5	2.2	0.2	1.4	0.1
3981	**132h05**	AV644858	HCL094g05			17.1	16.1	11.3	1.0	0.1	1.4	0.5
3982	**102a12**	AV394064	CL18e09			8.5	13.0	9.1	1.6	0.3	1.4	0.4
3983	**014b12**	AV639842	HCL006a04			7.8	10.3	8.2	1.5	0.8	1.4	0.8
3984	**134f06**	AV619445	LC008d12			16.2	20.0	15.2	1.2	0.1	1.4	0.6
3985	**158c06**	BP087594	MX038d01			13.0	15.5	12.7	1.3	0.4	1.4	0.8
3986	**030a03**	AV631274	LCL091c04			2.4	2.2	1.7	0.9	0.0	1.4	0.6
3987	**015d11**	AV641105	HCL027h03			94.5	105.8	79.9	1.0	0.5	1.4	1.2
3988	**034g07**	BP096221	MXL054g12			15.9	25.6	19.9	1.8	0.6	1.4	0.5
3989	**162c04**	BP093586	MXL010e09			17.7	27.6	19.4	1.6	0.6	1.4	0.5
3990	**005h03**	AV388587	CM030c05			7.2	8.6	6.3	1.3	0.5	1.4	0.4
3991	**036c08**	BP098051	MXL086a07			6.6	12.1	8.7	1.9	0.3	1.4	0.3
3992	**005f07**	AV387643	CM027e04			22.7	21.6	16.9	1.0	0.1	1.4	0.6
3993	**120c05**	AV635915	HC052f05			9.9	13.2	8.9	1.3	0.7	1.4	0.9
3994	**139d12**	AV623103	LC059a02			5.4	7.9	5.5	1.5	0.2	1.4	0.0
3995	**119d09**	AV635037	HC041b03			90.1	78.5	62.9	0.9	0.1	1.4	0.7
3996	**106h10**	AV386645	CM004d05			10.0	12.7	8.9	1.3	0.2	1.4	0.2
3997	**140a06**	AV623547	LC065e02			11.5	10.2	7.1	0.9	0.3	1.4	0.1
3998	**017a03**	AV642747	HCL057b06			3.1	3.7	2.7	1.3	0.7	1.4	0.3
3999	**117g02**	AV633055	HC016b05			30.4	29.3	20.9	1.0	0.1	1.4	0.5
4000	**155e03**	AV631448	LCL094b02			12.4	17.8	12.4	1.5	0.2	1.4	0.1
4001	**138a03**	AV622026	LC044b02			62.0	62.9	44.8	1.0	0.1	1.4	0.9
4002	**010a10**	AV632146	HC004e06			7.1	7.4	5.1	1.0	0.1	1.4	0.2
4003	**153e01**	AV630490	LCL079f11			10.3	11.5	8.6	1.1	0.2	1.4	0.4
4004	**109f07**	AV388305	CM028e08			48.6	54.3	38.0	1.1	0.3	1.4	0.1
4005	**137c05**	AV621390	LC035d05			24.0	33.0	23.0	1.5	0.3	1.4	0.1
4006	**025a12**	AV627072	LCL020f08			15.0	10.7	11.4	0.7	0.1	1.4	1.2
4007	**157f09**	BP087115	MX025g02			15.0	23.7	16.5	1.6	0.2	1.4	0.1
4008	**170b09**	BP097294	MXL073b09			10.5	10.2	8.1	1.0	0.2	1.4	0.5
4009	**116b12**	AV393049	CM097f11			46.2	70.0	50.9	1.5	0.2	1.4	0.5
4010	**032h06**	BP093740	MXL012h04			5.1	5.8	4.4	1.2	0.1	1.4	0.6
4011	**119g10**	AV635456	HC046e08			231.8	256.8	182.8	1.1	0.3	1.4	0.2
4012	**113e07**	AV393217	CM068e04			18.5	15.1	10.6	0.8	0.2	1.4	0.0
4013	**126h04**	AV641540	HCL035g12			9.1	9.5	7.0	1.0	0.2	1.4	0.5
4014	**107h01**	AV387093	CM013c11			5.6	8.2	5.8	1.5	0.3	1.4	0.3
4015	**161c10**	BP093064	MXL002h04			16.2	18.7	13.6	1.1	0.1	1.4	0.7
4016	**137d04**	AV621515	LC037b06			9.5	10.7	7.6	1.3	0.5	1.4	0.2
4017	**133g02**	BP098886	MXL100g12			13.3	14.0	10.1	1.1	0.1	1.4	0.3
4018	**016h02**	AV642649	HCL055d02			4.5	9.5	6.7	3.2	2.0	1.4	0.3
4019	**033e04**	BP094459	MXL023d03			74.0	91.9	63.0	1.2	0.1	1.4	0.4
4020	**016e02**	AV642259	HCL048e08			9.0	12.0	8.5	1.3	0.1	1.4	0.3
4021	**123h07**	AV639853	HCL006b08			14.0	15.4	10.6	1.1	0.7	1.4	1.0
4022	**034c01**	BP095482	MXL042e11			6.9	6.2	4.4	0.9	0.2	1.4	0.2
4023	**109b11**	AV388228	CM024g10			2.7	2.8	2.5	1.1	0.3	1.4	0.8
4024	**140a12**	AV623592	LC066a06			8.2	8.3	5.8	1.0	0.1	1.4	0.0
4025	**111b10**	AV390263	CM044f10			83.1	113.2	81.4	1.4	0.1	1.4	0.3
4026	**170h05**	BP097630	MXL078g03			5.2	5.8	8.3	0.9	0.6	1.4	1.6
4027	**168h09**	BP096736	MXL064a02			5.8	9.9	9.0	1.5	1.2	1.4	1.4
4028	**007d03**	AV391515	CM054h10			5.4	4.5	3.2	0.8	0.1	1.4	0.3
4029	**172c12**	BP098337	MXL091g05			12.4	11.7	8.6	0.9	0.1	1.4	0.3
4030	**123e02**	AV639613	HCL001h07			9.2	10.9	7.7	1.2	0.2	1.4	0.2
4031	**029h06**	AV631203	LCL090b10			25.9	36.8	25.1	1.4	0.5	1.4	0.2
4032	**163c09**	BP094202	MXL019e04			27.6	37.5	26.4	1.4	0.4	1.4	0.2
4033	**139b06**	AV622859	LC055f07			28.1	21.5	19.2	0.8	0.4	1.4	1.0
4034	**125a02**	AV640368	HCL015a07			6.4	8.2	5.9	1.3	0.2	1.4	0.4
4035	**028d02**	AV629875	LCL068b01			4.1	4.0	4.6	1.0	0.1	1.4	1.5
4036	**131d10**	BP383751	HCL082a04			13.8	20.3	16.7	1.5	0.7	1.4	1.0
4037	**107g12**	AV387054	CM013b06			4.4	4.9	3.8	1.1	0.2	1.4	0.7
4038	**168b10**	BP096363	MXL057e08			17.4	15.9	12.6	1.0	0.3	1.4	0.6
4039	**148a05**	AV627781	LCL031h09			17.0	13.8	10.1	0.8	0.1	1.4	0.3
4040	**111c01**	AV390322	CM045b06			54.7	96.9	78.2	1.8	0.0	1.4	0.6
4041	**115b11**	AV390639	CM085c11			16.2	16.0	13.0	1.0	0.4	1.4	0.8
4042	**142a04**	AV624851	LC083f01			11.3	8.1	5.8	0.7	0.1	1.4	0.4
4043	**104h08**	AV396016	CL55d10			133.0	138.8	97.3	1.2	0.3	1.4	0.0
4044	**134c05**	AV619110	LC003h11			57.8	65.2	50.0	1.2	0.3	1.4	0.6
4045	**014e12**	AV640145	HCL011b11			6.0	4.6	3.9	0.7	0.3	1.4	1.2
4046	**105h12**	AV396990	CL73d12			6.9	6.2	4.4	0.9	0.2	1.4	0.3
4047	**102f10**	AV394618	CL26f09			56.8	44.1	30.0	0.7	0.2	1.4	0.6
4048	**139d11**	AV623089	LC058g07			92.1	99.0	81.3	1.1	0.2	1.4	0.8
4049	**119h06**	AV635592	HC048c05			21.9	22.5	15.9	1.0	0.1	1.4	0.2
4050	**146g05**	AV627226	LCL023a05			19.1	16.2	13.2	0.8	0.1	1.4	0.7
4051	**124a10**	AV639954	HCL007h04			32.8	66.5	47.4	2.0	0.3	1.4	0.1
4052	**148a02**	AV627778	LCL031h06			14.9	14.2	10.3	1.0	0.1	1.4	0.4
4053	**144a09**	AV626115	LCL002f01			12.1	9.7	7.3	0.8	0.1	1.4	0.4
4054	**142e04**	AV625204	LC089c03			10.2	10.8	7.6	1.1	0.2	1.4	0.2
4055	**158a09**	BP087441	MX034f08			17.2	16.7	16.3	0.9	0.3	1.4	1.2
4056	**156a07**	AV631682	LCL098b05			9.8	16.7	11.8	1.7	0.5	1.4	0.1
4057	**152f02**	AV630035	LCL071f12			19.2	25.0	17.9	1.3	0.2	1.4	0.2
4058	**107e05**	AV386997	CM010c07			5.2	6.5	4.7	1.4	0.6	1.4	0.4
4059	**113b08**	AV392837	CM064f06			5.3	6.1	4.3	1.2	0.1	1.4	0.2
4060	**108c09**	AV388147	CM017g12			76.5	84.7	60.9	1.1	0.2	1.4	0.2
4061	**118f09**	AV634048	HC028e12			5.3	6.3	4.5	1.2	0.4	1.4	0.3
4062	**136b06**	AV620499	LC022h12			18.0	21.4	17.5	1.2	0.1	1.4	0.6
4063	**126d06**	AV641250	HCL030e04			8.5	8.8	6.2	1.0	0.1	1.4	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
4064	**028f05**	AV630181	LCL074h11			10.1	13.6	9.0	1.3	0.4	1.4	0.5
4065	**103d08**	AV395163	CL36c12			12.3	16.4	11.7	1.6	0.8	1.4	0.3
4066	**166e08**	BP095694	MXL045h11			12.0	20.7	14.8	1.8	0.6	1.4	0.1
4067	**140d09**	AV623830	LC069b12			13.6	13.2	9.4	1.0	0.4	1.4	0.3
4068	**104b04**	AV397767	CL45a03			3.5	4.1	3.1	1.3	0.5	1.4	0.5
4069	**126e12**	AV641350	HCL032a11			9.2	9.4	6.9	1.0	0.2	1.4	0.5
4070	**142h02**	AV625476	LC093c02			11.0	11.3	8.1	1.1	0.3	1.4	0.2
4071	**162c01**	BP093572	MXL010d02			6.7	7.7	5.6	1.1	0.1	1.4	0.4
4072	**121h09**	AV637683	HC076b11			76.5	74.2	59.5	1.0	0.2	1.4	0.5
4073	**113f12**	AV387731	CM070a06			130.4	178.2	126.2	1.4	0.2	1.4	0.1
4074	**132c11**	AV644656	HCL091g10			6.2	5.7	4.1	0.9	0.2	1.4	0.1
4075	**001h04**	AV394535	CL25g03			4.3	4.5	3.3	1.4	1.0	1.4	0.4
4076	**132b11**	AV644532	HCL090b07			26.6	31.7	23.9	1.2	0.1	1.4	0.3
4077	**123d12**	AV639594	HCL001e10			32.0	51.6	36.3	1.6	0.4	1.4	0.2
4078	**019a07**	AV619429	LC008c04			5.1	4.7	4.4	1.0	0.2	1.4	0.9
4079	**150e09**	BP098831	MXL099h04			11.4	10.5	7.7	0.9	0.1	1.4	0.6
4080	**153c11**	AV630445	LCL078h12			2.6	3.3	2.3	1.2	0.3	1.4	0.5
4081	**105d06**	AV396450	CL62f11			6.9	7.0	4.9	1.0	0.1	1.4	0.4
4082	**007b04**	AV391117	CM051a11			54.8	57.1	42.9	1.1	0.3	1.4	0.5
4083	**030f02**	AV631801	LCL100a10			10.8	11.6	9.3	1.1	0.2	1.4	0.7
4084	**020b04**	AV620777	LC026f11			12.8	16.8	11.9	1.3	0.1	1.4	0.0
4085	**015f04**	AV641258	HCL030f05			15.5	16.0	11.3	1.0	0.1	1.4	0.1
4086	**124h08**	AV640345	HCL014f04			30.4	32.5	23.0	1.1	0.2	1.4	0.1
4087	**024g02**	AV626773	LCL015c03			14.2	11.0	7.7	0.8	0.2	1.4	0.2
4088	**019h12**	AV620544	LC023e06			9.2	17.6	12.5	2.1	0.7	1.4	0.2
4089	**007a08**	AV391012	CM049d11			44.3	37.8	27.2	0.8	0.2	1.4	0.5
4090	**137a03**	AV621137	LC031g02			9.4	7.2	5.3	0.8	0.2	1.4	0.4
4091	**119d07**	AV635018	HC040h04			12.7	13.7	10.4	1.0	0.3	1.4	0.8
4092	**031b07**	BP086575	MX011h04			16.3	20.7	15.4	1.3	0.7	1.4	0.8
4093	**023a07**	AV624592	LC079h02			33.6	23.5	17.5	0.7	0.1	1.4	0.4
4094	**123b02**	AV639290	HC097d12			16.6	23.7	18.2	1.4	0.1	1.4	0.5
4095	**107h07**	AV387065	CM013f05			10.9	22.1	16.0	2.1	0.4	1.4	0.2
4096	**136b07**	BP383782	LC023a05			71.2	75.6	54.2	1.1	0.1	1.4	0.2
4097	**102c10**	AV394284	CL20g03			21.0	26.3	19.3	1.3	0.2	1.4	0.4
4098	**122e08**	AV638500	HC087b06			12.8	12.5	9.7	1.0	0.1	1.4	0.7
4099	**035h03**	BP097446	MXL075h03			10.1	18.1	13.0	1.9	0.4	1.4	0.2
4100	**128h06**	AV642581	HCL054b11			25.9	29.8	21.1	1.1	0.3	1.4	0.8
4101	**134c11**	AV619177	LC004g09			7.4	8.6	6.3	1.2	0.5	1.4	0.6
4102	**024h12**	AV626927	LCL018b12			18.2	29.3	24.1	1.9	1.3	1.4	0.9
4103	**120a10**	AV635698	HC049f11			7.6	8.2	5.8	1.1	0.4	1.4	0.2
4104	**026g04**	AV628527	LCL043c09			6.5	8.5	6.3	1.3	0.2	1.4	0.3
4105	**106a08**	AV396454	CL74c02			3.0	4.0	2.9	1.4	0.4	1.4	0.3
4106	**017f12**	AV643595	HCL072d09			2.6	2.5	2.6	0.9	0.3	1.4	1.4
4107	**130f03**	AV643590	HCL072d02			15.6	22.6	16.0	1.4	0.2	1.4	0.3
4108	**143f07**	AV625849	LC098h01			8.8	10.7	7.6	1.2	0.1	1.4	0.2
4109	**120h05**	BP383708	HC060c03			385.1	380.0	283.5	1.0	0.1	1.4	0.3
4110	**132f03**	AV644749	HCL093c06			15.3	21.1	15.1	1.4	0.2	1.4	0.3
4111	**137h03**	AV621927	LC042g04			12.1	11.1	8.5	1.0	0.2	1.4	0.5
4112	**112h09**	AV392480	CM061g07			58.5	72.4	52.0	1.2	0.0	1.4	0.2
4113	**025h10**	AV627925	LCL033h12			6.3	7.1	5.2	1.1	0.1	1.4	0.5
4114	**115b10**	AV390638	CM085c06			9.5	11.1	8.0	1.2	0.2	1.4	0.1
4115	**139a05**	AV622763	LC054b11			11.6	9.1	6.6	0.8	0.1	1.4	0.5
4116	**012g09**	AV637409	HC072g10			4.7	7.9	5.4	1.7	0.8	1.4	0.6
4117	**031e02**	BP086913	MX020b04			5.8	6.5	4.9	1.1	0.1	1.4	0.4
4118	**103c03**	AV394972	CL33d04			5.6	6.7	4.9	1.2	0.1	1.4	0.2
4119	**148b04**	AV627848	LCL032h05			7.1	8.3	6.2	1.3	0.3	1.4	0.4
4120	**146b01**	AV626989	LCL019d07			27.3	21.8	16.0	1.0	0.5	1.4	0.3
4121	**021b09**	AV622056	LC044d11			118.3	102.7	94.6	0.9	0.4	1.4	0.9
4122	**114e09**	AV388568	CM078c03			25.9	43.4	36.2	1.7	0.2	1.4	0.6
4123	**009d05**	AV391207	CM089f04			8.4	12.0	8.6	1.4	0.2	1.4	0.1
4124	**114a08**	AV388756	CM072d06			92.2	92.0	65.9	1.2	0.6	1.4	0.1
4125	**137c01**	AV621327	LC034d10			3.4	3.7	3.0	1.2	0.4	1.4	0.5
4126	**133d11**	AV645062	HCL097f07			18.7	18.5	13.3	1.0	0.3	1.4	0.1
4127	**010a02**	AV632069	HC003e06			11.9	15.7	11.6	1.4	0.7	1.4	0.5
4128	**107g09**	BP383674	CM012h03			33.2	31.5	23.1	0.9	0.1	1.4	0.4
4129	**019h07**	AV620474	LC022f06			7.4	11.6	9.6	1.6	0.2	1.4	0.7
4130	**032h02**	BP093663	MXL011f08			1.6	2.1	1.6	1.4	0.3	1.4	0.5
4131	**153c08**	AV630439	LCL078h01			54.7	59.1	48.0	1.1	0.1	1.4	0.6
4132	**012a09**	AV636027	HC054b12			57.6	82.1	61.0	1.4	0.1	1.4	0.4
4133	**151a05**	AV629299	LCL056b07			9.5	14.5	10.3	1.5	0.3	1.4	0.3
4134	**013a03**	AV637749	HC077a05			144.3	229.6	167.3	1.6	0.4	1.4	0.3
4135	**143b12**	AV625632	LC095f11			5.4	6.5	4.8	1.2	0.2	1.4	0.4
4136	**164b05**	BP094646	MXL026d02			3.0	3.1	2.4	1.2	0.5	1.4	0.4
4137	**122h11**	AV639058	HC094e01			12.1	17.9	13.4	1.5	0.4	1.4	0.3
4138	**117b10**	AV632370	HC007d02			7.5	7.0	4.9	1.0	0.5	1.4	0.4
4139	**003c04**	AV396243	CL58d12			5.0	6.5	4.7	1.4	0.5	1.4	0.3
4140	**027a02**	AV628724	LCL046b12			10.9	10.4	7.4	0.9	0.2	1.4	0.3
4141	**164h05**	BP094970	MXL033e12			6.4	10.8	11.3	1.5	0.9	1.4	1.4
4142	**135c11**	AV619784	LC014d07			23.8	25.8	18.3	1.1	0.5	1.4	0.3
4143	**169f12**	BP097089	MXL069g11			146.4	124.7	95.1	1.0	0.6	1.4	0.4
4144	**113f03**	AV397406	CM068h11			19.0	14.5	10.4	0.8	0.2	1.4	0.4
4145	**139g06**	AV623364	LC062f10			9.6	11.1	8.2	1.2	0.3	1.4	0.4
4146	**034g06**	BP096213	MXL054f10			16.3	9.2	6.9	0.6	0.3	1.4	0.7
4147	**122f12**	AV638724	HC089h12			4.6	4.7	3.5	1.0	0.1	1.4	0.5
4148	**107b09**	AV386834	CM007e08			4.9	5.0	3.9	1.1	0.2	1.4	0.4
4149	**121g11**	AV637564	HC074g03			81.2	79.7	66.2	1.0	0.3	1.4	0.6
4150	**134h10**	AV619595	LC010e06			6.0	6.1	4.4	1.1	0.3	1.4	0.2
4151	**106c12**	AV397236	CL78d09			4.3	4.0	3.0	0.9	0.1	1.4	0.3
4152	**165b05**	BP095080	MXL035e01			10.4	11.9	9.6	1.7	1.1	1.4	0.5
4153	**130c12**	AV643392	HCL068h01			5.9	8.5	6.1	1.4	0.2	1.4	0.1
4154	**106g02**	AV386587	CM003a09			14.8	19.0	13.9	1.3	0.1	1.4	0.2
4155	**120g12**	AV636454	HC059f12			3.8	4.4	3.1	1.2	0.5	1.4	0.1
4156	**108g08**	AV387943	CM021g02			8.2	14.1	10.1	1.7	0.5	1.4	0.5
4157	**104f02**	AV395925	CL51e10			70.6	82.2	71.1	1.3	0.5	1.4	0.7
4158	**021f02**	AV622585	LC051f01			7.7	8.8	6.8	1.1	0.1	1.4	0.5
4159	**114d12**	AV388025	CM077d04			9.5	10.2	7.4	1.1	0.1	1.4	0.2
4160	**153a02**	AV630271	LCL076d10			22.6	22.6	17.0	1.0	0.2	1.4	0.5
4161	**020b06**	AV620798	LC027a04			75.6	101.0	84.7	1.4	0.5	1.4	0.6
4162	**158c11**	BP087613	MX039b01			3.4	4.9	3.6	1.6	0.8	1.4	0.5
4163	**121d05**	BP383711	HC068g07			59.9	88.1	74.5	1.6	0.6	1.4	0.6
4164	**107h03**	AV387098	CM013d10			9.4	11.9	8.8	1.3	0.2	1.4	0.5
4165	**109e08**	AV387669	CM027e12			19.6	21.9	15.7	1.1	0.3	1.4	0.4
4166	**107h08**	AV387037	CM013g01			17.1	17.1	12.8	1.0	0.4	1.4	0.6
4167	**008h03**	AV388571	CM077h03			29.2	27.1	21.9	1.0	0.4	1.4	0.7
4168	**023b01**	BP383817	LC080e02			24.2	20.1	14.5	0.8	0.2	1.4	0.3
4169	**017h03**	AV643850	HCL077b06			43.9	37.7	27.1	0.9	0.2	1.4	0.2
4170	**117d04**	AV632621	HC010e02			5.8	6.2	4.5	1.1	0.3	1.4	0.5

	A	B	C	D	E	F	G	H	I	J	K	L
4171	**164f09**	BP094859	MXL031c05			7.8	10.2	7.6	1.3	0.6	1.4	0.8
4172	**024a01**	AV626248	LCL005a11			21.1	18.3	16.9	0.9	0.4	1.4	1.0
4173	**147e05**	AV627564	LCL028f03			18.6	33.9	26.4	1.7	0.6	1.4	0.9
4174	**026e02**	AV628355	LCL040e04			11.8	16.8	12.9	1.4	0.3	1.4	0.7
4175	**137g03**	AV621848	LC041f11			13.4	26.0	19.6	2.0	0.6	1.4	0.3
4176	**115d02**	AV390070	CM086h03			6.4	8.3	6.2	1.3	0.1	1.4	0.3
4177	**004g05**	AV387077	CM013e09			78.0	93.8	67.1	1.2	0.4	1.4	0.3
4178	**027d02**	AV629149	LCL053b01			16.3	14.2	16.0	0.9	0.1	1.4	0.9
4179	**132b10**	AV644531	HCL090b05			9.0	9.9	8.0	1.1	0.1	1.4	0.5
4180	**005a03**	AV388162	CM017a07			80.8	91.2	68.3	1.2	0.4	1.4	0.4
4181	**122b09**	BP383717	HC079d12			49.8	52.1	38.8	1.0	0.1	1.4	0.3
4182	**148g04**	AV628159	LCL037f04			21.1	30.7	22.3	1.5	0.6	1.4	0.4
4183	**025g05**	AV627798	LCL032b11			17.7	44.3	34.0	2.5	0.3	1.4	0.5
4184	**171d04**	BP097898	MXL083b07			67.5	107.2	79.8	1.5	0.3	1.4	0.7
4185	**124h11**	AV640357	HCL014g12			14.1	14.8	11.3	1.1	0.2	1.4	0.3
4186	**116f03**	AV392798	CM100e12			162.6	199.7	149.0	1.2	0.1	1.4	0.3
4187	**022b02**	AV623434	LC063f12			35.5	23.8	16.9	0.7	0.2	1.4	0.3
4188	**021f04**	AV622636	LC052c05			117.9	100.9	82.9	0.8	0.3	1.4	0.9
4189	**121a04**	AV636603	HC061f12			3.2	3.6	2.7	1.1	0.2	1.4	0.5
4190	**144g01**	AV626329	LCL007b02			33.3	41.0	29.8	1.3	0.2	1.4	0.2
4191	**136f12**	AV620821	LC027c09			6.3	6.7	4.9	1.1	0.2	1.4	0.2
4192	**104d05**	AV397717	CL49c01			7.4	8.5	6.2	1.1	0.1	1.4	0.1
4193	**153b12**	AV630383	LCL078a12			14.3	22.5	16.3	1.6	0.5	1.4	0.4
4194	**006c12**	AV389706	CM039b12			7.5	11.2	8.1	1.5	0.4	1.4	0.1
4195	**102g04**	AV394715	CL27b04			74.4	83.4	61.1	1.2	0.3	1.4	0.1
4196	**003h03**	AV397256	CL77h03			4.1	5.6	4.1	1.5	0.5	1.4	0.3
4197	**017c08**	AV643054	HCL062h11			7.1	6.4	4.7	0.9	0.2	1.4	0.4
4198	**026d12**	AV628352	LCL040e01			23.0	26.3	24.0	1.2	0.6	1.4	1.0
4199	**020h09**	AV621677	LC039e08			5.1	18.5	13.3	3.8	2.4	1.4	0.4
4200	**136c09**	BP383783	LC024f12			67.4	61.1	56.2	0.9	0.2	1.4	0.7
4201	**120e12**	AV636158	HC055h08			76.7	71.7	69.1	1.0	0.2	1.4	0.8
4202	**032d01**	BP093166	MXL004e03			7.6	6.5	5.2	0.9	0.2	1.4	0.5
4203	**118b10**	AV633549	HC022b05			5.3	6.0	4.4	1.2	0.3	1.4	0.3
4204	**114g08**	AV389945	CM081a01			16.9	21.0	14.9	1.2	0.3	1.4	0.5
4205	**136g05**	AV620862	LC027g11			83.3	96.5	72.6	1.1	0.2	1.4	0.2
4206	**018h11**	AV619305	LC006d06			5.6	5.5	3.8	1.0	0.1	1.4	0.4
4207	**102d08**	AV394236	CL22c01			5.2	6.5	4.9	1.3	0.3	1.4	0.2
4208	**133c02**	AV644991	HCL096f07			211.1	242.9	178.5	1.4	0.6	1.4	0.2
4209	**158d02**	BP087641	MX040a11			22.8	25.5	18.7	1.3	0.7	1.4	0.4
4210	**116e03**	AV392772	CM099g09			45.4	56.9	47.8	1.3	0.2	1.4	0.7
4211	**005e04**	AV388129	CM025d02			11.9	22.1	16.4	1.9	0.2	1.4	0.2
4212	**135h01**	AV620257	LC019f11			6.2	8.0	5.8	1.3	0.3	1.4	0.1
4213	**022h12**	AV624457	LC078a06			9.3	13.5	9.8	1.5	0.3	1.4	0.0
4214	**138g03**	AV622552	LC051b05			91.9	144.2	137.7	1.6	0.4	1.4	0.8
4215	**003d12**	AV396660	CL64d06			3.1	2.3	2.0	0.8	0.1	1.4	0.7
4216	**020g02**	AV621389	LC035d04			15.4	24.6	17.9	1.6	0.1	1.4	0.2
4217	**006d05**	AV389774	CM039f10			4.1	5.9	4.3	1.5	0.2	1.4	0.1
4218	**027b07**	AV628960	LCL049f02			8.4	6.6	5.0	0.8	0.2	1.4	0.5
4219	**163g06**	BP094495	MXL024a05			19.9	17.2	14.8	1.1	0.8	1.4	1.0
4220	**013a10**	AV637848	HC078d08			7.4	9.2	7.4	1.3	0.5	1.4	0.8
4221	**143a03**	AV625533	LC094c01			8.4	7.0	5.1	0.8	0.1	1.4	0.3
4222	**121e11**	AV637288	HC071b08			86.2	85.6	73.8	1.0	0.2	1.4	0.6
4223	**150a04**	AV628780	LCL047a03			7.3	6.2	4.6	0.9	0.2	1.4	0.4
4224	**114h01**	AV389923	CM081e05			7.3	9.7	7.1	1.3	0.2	1.4	0.3
4225	**151a03**	AV629291	LCL056a03			12.6	9.9	7.4	0.8	0.2	1.4	0.2
4226	**113d10**	AV393140	CM067h02			6.8	6.7	4.9	1.0	0.2	1.4	0.2
4227	**107d12**	AV397655	CM009g11			28.1	16.7	12.0	0.7	0.3	1.4	0.2
4228	**109a03**	AV387761	CM023b04			4.9	6.9	5.1	1.8	0.8	1.4	0.4
4229	**136f05**	AV620794	LC026h12			4.1	14.5	10.4	3.5	1.4	1.4	0.5
4230	**166b07**	BP095483	MXL042e12			21.1	25.3	18.5	1.2	0.4	1.4	0.3
4231	**139g03**	AV623330	LC062b11			6352.0	6717.6	5917.9	1.1	0.3	1.4	0.8
4232	**103f01**	AV395191	CL39c07			3.6	4.6	3.4	1.3	0.1	1.4	0.3
4233	**024b12**	AV626650	LCL013a05			13.6	16.6	13.8	1.2	0.3	1.4	0.5
4234	**110f01**	AV389505	CM037b11			7.0	6.6	4.9	1.0	0.2	1.4	0.3
4235	**012a03**	AV635812	HC051c09			9.5	9.5	7.3	1.0	0.3	1.4	0.5
4236	**118b04**	AV633459	HC021a10			8.7	10.9	7.9	1.3	0.2	1.4	0.0
4237	**028a02**	AV629543	LCL060f07			7.9	6.9	5.2	0.9	0.1	1.4	0.5
4238	**010e01**	AV632827	HC013b01			10.7	11.0	8.0	1.1	0.5	1.4	0.4
4239	**140g06**	AV624070	LC072e09			25.2	28.5	20.6	1.1	0.1	1.4	0.3
4240	**115c02**	AV390622	CM085e08			3.8	4.3	3.2	1.3	0.6	1.4	0.3
4241	**167c09**	BP095977	MXL050d05			22.5	21.5	16.3	1.0	0.1	1.4	0.4
4242	**150a05**	AV628781	LCL047a04			18.9	19.4	17.0	1.0	0.1	1.4	0.7
4243	**031d05**	BP086841	MX018c01			25.8	34.6	26.0	1.3	0.1	1.4	0.3
4244	**120f10**	AV636311	HC057g12			15.2	28.6	20.4	2.2	1.5	1.4	0.2
4245	**010h11**	AV633833	HC025h03			5.9	9.2	6.2	1.3	0.6	1.4	1.2
4246	**021a01**	AV621785	LC040h10			18.0	20.6	15.4	1.2	0.6	1.4	0.7
4247	**128c09**	AV642268	HCL048f12			8.4	9.4	6.7	1.1	0.5	1.4	0.3
4248	**007a03**	AV390951	CM049b08			10.1	13.2	9.8	1.3	0.4	1.4	0.5
4249	**148d04**	AV627980	LCL034h02			29.6	44.1	32.1	1.5	0.3	1.4	0.2
4250	**142d11**	BP383822	LC088h08			70.9	78.4	66.1	1.1	0.2	1.4	0.7
4251	**111b03**	AV390186	CM043e01			6.9	13.8	10.3	2.2	1.0	1.4	0.4
4252	**102h04**	AV394648	CL29a02			22.4	25.5	18.5	1.1	0.2	1.4	0.1
4253	**036h05**	BP098843	MXL100a11			7.2	9.6	7.0	1.4	0.2	1.4	0.3
4254	**134e02**	BP383776	LC006g09			14.1	21.7	15.5	1.5	0.5	1.4	0.5
4255	**013h05**	AV639622	HCL002a07			2.2	2.9	2.0	1.3	0.4	1.4	0.6
4256	**164c07**	BP094697	MXL027f06			10.1	14.5	10.6	1.4	0.4	1.4	0.5
4257	**149c12**	AV628462	LCL042c05			6.1	6.9	5.0	1.2	0.3	1.4	0.3
4258	**112f12**	AV392241	CM059f10			16.0	18.2	13.9	1.1	0.1	1.4	0.3
4259	**106e02**	AV386513	CM001a01			3.9	4.5	3.2	1.1	0.1	1.4	0.1
4260	**006h04**	AV390613	CM047b07			8.3	12.0	8.8	1.6	0.5	1.4	0.1
4261	**119b06**	AV634656	HC036b03			150.1	180.4	134.6	1.2	0.2	1.4	0.2
4262	**117a10**	AV632132	HC004d01			4.1	4.2	3.1	1.0	0.4	1.4	0.3
4263	**154h11**	AV631204	LCL090b11			20.0	22.6	16.7	1.1	0.1	1.4	0.2
4264	**108f03**	AV397434	CM020f11			6.3	7.3	5.5	1.2	0.2	1.4	0.3
4265	**134a04**	AV618904	LC001b07			14.6	18.9	14.2	1.3	0.2	1.4	0.3
4266	**128h11**	AV642611	HCL054g01			3.9	4.5	3.4	1.2	0.3	1.4	0.3
4267	**147b04**	AV627394	LCL026b06			16.5	14.9	11.0	0.9	0.1	1.4	0.2
4268	**142e05**	AU301246	LC089d06			46.6	104.1	77.1	2.2	0.4	1.4	0.1
4269	**132b04**	AV644504	HCL089f08			9.4	12.7	9.0	1.3	0.4	1.4	0.3
4270	**121c10**	AV637018	HC067e04			6.4	7.0	5.3	1.1	0.2	1.4	0.7
4271	**010h01**	AV633613	HC023a03			7.7	12.2	9.2	1.6	0.2	1.4	0.4
4272	**009h02**	AV392882	CM100c11			3.3	5.3	4.0	2.1	1.0	1.4	0.5
4273	**109d08**	AV387507	CM026e10			15.9	22.2	16.3	1.5	0.4	1.4	0.2
4274	**136b12**	AV620580	LC023h12			12.3	17.6	13.2	1.5	0.4	1.4	0.4
4275	**121h12**	AV637709	HC076e07			33.2	45.8	33.8	1.4	0.1	1.4	0.1
4276	**146e03**	AV627121	LCL021d10			7.7	16.4	12.8	2.0	1.0	1.4	0.3
4277	**155d09**	AV631421	LCL093f04			26.1	30.1	22.0	1.1	0.2	1.4	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
4278	**138b05**	AV622101	LC045a07			29.0	30.0	22.4	1.0	0.1	1.4	0.3
4279	**102d01**	AV394400	CL21e08			3.9	6.2	4.7	1.6	0.2	1.4	0.2
4280	**119h12**	AV635631	HC048g09			8.9	7.5	5.6	0.8	0.1	1.4	0.4
4281	**145a10**	AV626482	LCL009h09			15.5	16.3	12.7	1.1	0.3	1.4	0.4
4282	**025a11**	AV627062	LCL020e06			14.9	10.0	7.4	0.7	0.1	1.4	0.2
4283	**168c05**	BP096383	MXL057h11			8.2	13.7	10.3	1.7	0.4	1.4	0.5
4284	**114a10**	AV388797	CM072f03			4.7	7.5	5.5	1.6	0.2	1.4	0.2
4285	**029d02**	AV630792	LCL084d05			7.6	18.6	13.8	2.5	0.7	1.4	0.3
4286	**125h02**	AV640819	HCL022h07			10.6	11.3	8.4	1.1	0.2	1.4	0.2
4287	**110e09**	AV389464	CM036h11			12.6	25.8	19.2	2.1	0.7	1.4	0.4
4288	**161c07**	BP093044	MXL002e11			15.6	17.1	14.0	1.3	0.7	1.4	0.6
4289	**011a05**	AV633975	HC027f03			8.2	10.0	7.4	1.2	0.3	1.4	0.3
4290	**009h07**	AV392860	CM100h04			5.0	6.4	4.8	1.3	0.6	1.4	0.7
4291	**010d04**	AV632680	HC011c04			14.9	14.5	10.6	1.0	0.3	1.4	0.1
4292	**101e04**	AV393672	CL10b05			4.6	7.0	5.1	1.5	0.3	1.4	0.3
4293	**119h09**	AV635615	HC048e12			22.4	14.7	11.1	0.7	0.1	1.4	0.2
4294	**144a05**	AV626073	LCL002a02			11.8	9.9	7.3	0.9	0.2	1.4	0.2
4295	**111f10**	AV391048	CM050d01			4.1	4.7	3.4	1.2	0.4	1.4	0.2
4296	**152a02**	AV629740	LCL065a08			16.6	19.8	16.5	1.2	0.2	1.4	0.7
4297	**113d03**	AV393061	CM066h09			138.9	233.1	170.3	1.7	0.2	1.4	0.1
4298	**109g02**	AV388385	CM029b08			203.8	261.2	195.9	1.3	0.1	1.4	0.2
4299	**028d11**	AV629998	LCL070g02			2.2	3.6	2.6	1.6	0.3	1.4	0.3
4300	**116c03**	AV393037	CM097h01			11.8	12.5	9.5	1.1	0.4	1.4	0.5
4301	**024c07**	AV626472	LCL009g01			7.5	36.4	26.4	4.9	1.0	1.4	0.2
4302	**131b04**	BP383748	HCL077h01			123.4	169.0	116.6	1.2	0.6	1.4	0.9
4303	**024e08**	AV626641	LCL012g11			5.2	4.2	3.5	0.8	0.1	1.4	0.6
4304	**114a09**	AV388769	CM072d12			8.8	8.8	7.3	1.1	0.4	1.4	0.5
4305	**033d11**	BP094379	MXL022c05			10.0	10.8	7.9	1.1	0.2	1.4	0.2
4306	**127d11**	AV641806	HCL040f03			10.4	11.1	8.3	1.1	0.3	1.4	0.2
4307	**136g10**	AV620916	LC028e09			6.0	12.4	9.4	2.1	0.5	1.4	0.5
4308	**029c03**	AV630722	LCL083c07			4.3	3.5	2.8	0.8	0.2	1.4	0.4
4309	**131g10**	AV644310	HCL086a08			16.8	25.8	19.0	1.6	0.4	1.4	0.3
4310	**102h07**	AV394664	CL29f05			3.6	4.5	3.3	1.4	0.5	1.4	0.2
4311	**121a03**	AV636587	HC061e04			8.6	12.2	9.2	1.5	0.6	1.4	0.4
4312	**121d10**	AV637145	HC069d03			4.5	4.5	3.3	1.0	0.0	1.4	0.2
4313	**027f05**	AV629311	LCL056d02			12.0	13.3	14.0	1.1	0.4	1.4	1.1
4314	**110b04**	AV388917	CM033f07			5.6	8.0	6.1	1.5	0.4	1.4	0.4
4315	**112c09**	AV391708	CM055g07			8.7	9.7	7.9	1.1	0.1	1.4	0.7
4316	**150c03**	AV628928	LCL049b03			12.8	12.3	9.4	1.0	0.2	1.4	0.4
4317	**150d01**	AV628954	LCL049e05			21.9	19.1	15.3	0.9	0.1	1.4	0.5
4318	**160f02**	BP088839	MX101f10			171.4	165.3	124.7	1.1	0.3	1.4	0.4
4319	**022a04**	AV623301	LC061g08			20.1	27.6	23.8	1.3	0.5	1.4	0.9
4320	**027c06**	AV629081	LCL051f11			7.3	8.7	6.4	1.2	0.1	1.4	0.3
4321	**029e01**	AV630868	LCL085e01			8.3	9.2	7.0	1.2	0.5	1.4	0.3
4322	**103e01**	AV395263	CL37a08			16.8	24.7	17.7	1.5	0.3	1.4	0.5
4323	**124h02**	AV640308	HCL014a03			70.0	81.0	60.5	1.1	0.3	1.4	0.9
4324	**004b05**	AV386567	CM003e04			7.2	11.0	8.1	1.6	0.4	1.4	0.1
4325	**162c08**	BP093625	MXL011b03			9.2	13.7	10.1	1.5	0.3	1.4	0.2
4326	**141g03**	AV624711	LC081e08			41.8	50.8	47.4	1.2	0.4	1.4	0.7
4327	**110h01**	AV389853	CM040c10			46.0	60.2	45.3	1.4	0.2	1.4	0.4
4328	**164g01**	BP094888	MXL031g02			74.2	75.7	55.6	1.0	0.1	1.4	0.2
4329	**121d12**	AV637151	HC069d12			453.8	609.1	460.0	1.3	0.0	1.4	0.4
4330	**122d12**	BP098682	MXL097c12			123.2	125.2	93.2	1.0	0.2	1.4	0.4
4331	**135f01**	AV620049	LC016h07			8.7	10.1	7.6	1.2	0.2	1.4	0.2
4332	**101a03**	AV393323	CL01c09			46.9	70.7	53.8	1.5	0.2	1.4	0.6
4333	**022a03**	AV623271	LC061d04			13.8	14.8	10.9	1.1	0.3	1.4	0.4
4334	**120e04**	AV636077	HC054h06			68.7	81.9	68.1	1.2	0.2	1.4	0.6
4335	**118e04**	AV633858	HC026b09			35.2	36.9	27.4	1.1	0.2	1.4	0.2
4336	**146b12**	AV627025	LCL020a03			6.2	9.0	6.6	1.5	0.5	1.4	0.1
4337	**129e07**	AV642916	HCL060d08			10.8	11.8	9.0	1.1	0.1	1.4	0.5
4338	**120h01**	AV636466	HC059h01			74.1	66.2	52.5	0.9	0.1	1.4	0.9
4339	**168h05**	BP096725	MXL063g07			9.7	8.3	9.2	0.7	0.4	1.4	1.4
4340	**126b11**	AV641075	HCL027c10			31.1	44.2	32.4	1.4	0.3	1.4	0.3
4341	**001e03**	AV393891	CL14f05			3.9	4.0	3.1	1.1	0.3	1.4	0.2
4342	**001d03**	AV393776	CL11b08			2.1	2.4	1.8	1.2	0.2	1.4	0.2
4343	**018d03**	AV644472	HCL089b06			6.0	10.5	7.7	1.8	0.8	1.4	0.5
4344	**021g02**	AV622756	LC054b01			27.1	29.7	22.1	1.1	0.2	1.4	0.1
4345	**119c07**	AV634842	HC038f09			84.4	85.2	75.7	1.0	0.1	1.4	0.6
4346	**111f09**	AV391015	CM049f10			5.5	6.6	5.0	1.2	0.4	1.4	0.4
4347	**112a06**	AV391385	CM053g07			4.1	4.7	3.5	1.2	0.2	1.4	0.3
4348	**024b03**	AV626349	LCL007e08			4.0	2.8	2.1	0.7	0.3	1.4	0.4
4349	**010b04**	AV632216	HC005d07			27.5	30.3	22.9	1.1	0.1	1.4	0.3
4350	**163d12**	BP094292	MXL020f11			55.8	43.8	35.2	0.7	0.3	1.4	1.1
4351	**020c11**	AV620930	LC028g05			40.1	18.8	14.0	0.5	0.1	1.4	0.4
4352	**148d05**	AV627996	LCL035b01			7.6	7.7	6.0	1.1	0.2	1.4	0.3
4353	**035d12**	BP097037	MXL069a07			119.0	172.8	137.6	1.5	0.1	1.3	0.4
4354	**104d01**	AV397715	CL49a01			33.4	62.3	54.6	1.8	0.4	1.3	0.5
4355	**140c02**	AV623693	LC067d04			12.0	11.6	9.7	1.0	0.1	1.3	0.4
4356	**157c05**	BP086759	MX016b07			7.9	8.3	6.6	1.2	0.4	1.3	0.5
4357	**101d02**	AV393560	CL05h06			25.3	35.4	28.1	1.4	0.2	1.3	0.6
4358	**147h12**	AV627770	LCL031g08			6.0	12.7	9.6	2.2	0.4	1.3	0.3
4359	**111d02**	AV390469	CM046e09			15.4	13.4	10.7	0.9	0.1	1.3	0.5
4360	**145g11**	AV626868	LCL017a04			12.7	19.0	13.3	1.5	0.9	1.3	0.4
4361	**104g03**	AV395950	CL53e03			7.5	7.7	6.1	1.1	0.4	1.3	0.4
4362	**115b09**	BP383682	CM085b04			28.5	23.7	17.7	0.8	0.3	1.3	0.1
4363	**154a06**	AV630766	LCL084a07			25.4	32.5	24.0	1.3	0.1	1.3	0.1
4364	**009f01**	AV392100	CM094f03			7.4	6.0	5.0	0.9	0.6	1.3	0.7
4365	**126h03**	AV641539	HCL035g09			4.3	5.1	3.8	1.2	0.4	1.3	0.2
4366	**019h02**	AV620316	LC020d12			7.6	7.8	5.8	1.0	0.1	1.3	0.2
4367	**124c12**	AV640107	HCL010e05			26.0	27.7	20.7	1.1	0.1	1.3	0.1
4368	**028g11**	AV630309	LCL077a06			17.3	22.5	16.7	1.3	0.1	1.3	0.1
4369	**117d08**	AV632655	HC010h12			37.8	38.7	28.7	1.0	0.2	1.3	0.5
4370	**028f03**	AV630146	LCL074b10			16.2	79.3	59.2	4.9	0.8	1.3	0.2
4371	**135h12**	AV620370	LC021c03			12.7	14.8	11.1	1.2	0.2	1.3	0.2
4372	**125f02**	AV640714	HCL021b11			142.1	151.4	110.9	1.0	0.4	1.3	0.9
4373	**154d11**	AV630969	LCL087a07			11.1	13.4	10.1	1.2	0.2	1.3	0.2
4374	**164b08**	BP094652	MXL026d11			7.8	10.9	8.8	1.5	0.4	1.3	0.4
4375	**101e02**	AV393521	CL08h02			16.3	18.6	15.5	1.2	0.3	1.3	0.5
4376	**139b03**	AV622852	LC055e12			13.9	10.4	7.7	0.7	0.2	1.3	0.4
4377	**131a11**	AV643857	HCL077c07			14.4	16.1	12.2	1.1	0.2	1.3	0.3
4378	**139c06**	AV622934	LC056g03			1.9	3.9	3.0	2.3	0.9	1.3	0.4
4379	**007d06**	AV391571	CM055c05			246.9	249.1	202.7	1.0	0.1	1.3	0.6
4380	**122g07**	AV638850	HC091f05			7.0	9.5	7.2	1.4	0.3	1.3	0.2
4381	**025f11**	AV627728	LCL031b12			16.4	17.7	13.2	1.1	0.0	1.3	0.1
4382	**148f08**	AV628130	LCL037b12			14.2	21.6	15.8	1.6	0.9	1.3	0.6
4383	**119h01**	AV635498	HC047b01			9.4	10.3	7.7	1.1	0.2	1.3	0.3
4384	**123h01**	AV639812	HCL005d04			13.6	7.9	6.1	0.6	0.2	1.3	0.6

	A	B	C	D	E	F	G	H	I	J	K	L
4385	**134e11**	AV619379	LC007e11			8.6	13.6	9.8	1.5	0.7	1.3	0.4
4386	**030e02**	AV631684	LCL098b09			7.1	7.7	6.3	1.2	0.4	1.3	0.5
4387	**128a09**	AV642147	HCL046d04			11.2	13.6	10.2	1.3	0.2	1.3	0.2
4388	**144c08**	AV626215	LCL004d10			5.1	5.5	4.1	1.1	0.4	1.3	0.2
4389	**161d05**	BP093112	MXL003e07			14.7	21.9	17.5	1.5	0.7	1.3	0.8
4390	**115e01**	BP383683	CM088e10			6.0	11.0	8.6	1.9	0.2	1.3	0.3
4391	**167c06**	BP095969	MXL050c07			10.7	12.5	9.4	1.2	0.4	1.3	0.5
4392	**109d11**	AV387553	CM026g05			4.8	5.5	4.1	1.3	0.6	1.3	0.3
4393	**159e08**	BP087834	MX044f02			9.1	10.7	8.1	1.1	0.3	1.3	0.6
4394	**133g04**	AV645194	HCL099d10			4.9	7.2	5.3	1.5	0.5	1.3	0.3
4395	**011c02**	AV634487	HC034a06			11.5	15.0	11.3	1.3	0.3	1.3	0.2
4396	**120d07**	AV636015	HC054a08			21.2	30.2	23.3	1.7	0.5	1.3	0.6
4397	**001e02**	AV393863	CL14c03			10.9	15.3	11.4	1.4	0.3	1.3	0.1
4398	**028g03**	AV630237	LCL075h05			8.2	8.3	6.6	1.0	0.1	1.3	0.5
4399	**023d04**	AV625073	LC087e04			12.6	20.6	15.6	1.7	0.5	1.3	0.4
4400	**118c11**	AV633681	HC023h09			37.1	30.9	23.4	0.8	0.1	1.3	0.1
4401	**119c01**	AV634761	HC037e10			1301.3	1090.2	865.6	0.8	0.1	1.3	0.3
4402	**007h01**	AV392394	CM061d03			107.8	67.9	50.2	0.6	0.2	1.3	0.5
4403	**140d05**	AV623801	LC068h01			5.3	6.9	5.3	1.3	0.1	1.3	0.3
4404	**163e02**	BP094301	MXL020g11			7.3	7.2	5.7	1.0	0.2	1.3	0.7
4405	**140e05**	AV623881	LC070a03			12.3	33.5	25.0	2.7	0.4	1.3	0.1
4406	**151b05**	AV629348	LCL057b01			11.4	10.7	8.0	1.0	0.4	1.3	0.1
4407	**171b08**	BP097761	MXL080h11			13.5	11.4	8.8	0.9	0.3	1.3	0.3
4408	**109f12**	AV388338	CM028h01			6.9	8.0	6.1	1.2	0.1	1.3	0.2
4409	**137c11**	AV621470	LC036e12			6.7	8.1	6.1	1.2	0.2	1.3	0.5
4410	**152b06**	AV629813	LCL066f01			20.6	25.0	18.7	1.2	0.1	1.3	0.1
4411	**127d10**	AV641804	HCL040e09			7.8	6.9	5.5	0.9	0.1	1.3	0.4
4412	**122b05**	BP383716	HC078h08			96.9	72.7	57.9	0.7	0.1	1.3	0.8
4413	**014c02**	AV639863	HCL006c08			4.9	6.7	5.1	1.4	0.4	1.3	0.3
4414	**167b09**	BP095925	MXL049e03			14.2	12.7	12.6	0.9	0.3	1.3	0.9
4415	**030e09**	AV631747	LCL099b04			12.3	33.2	25.3	3.2	2.2	1.3	0.6
4416	**035g02**	BP097311	MXL073e03			31.0	38.6	29.2	1.3	0.2	1.3	0.2
4417	**164f12**	BP094883	MXL031f07			145.8	120.5	88.4	0.8	0.1	1.3	0.3
4418	**002f01**	AV395528	CL43b11			3.7	3.3	2.9	0.9	0.3	1.3	0.6
4419	**136f09**	AV620813	LC027b11			5.2	5.8	4.6	1.1	0.2	1.3	0.6
4420	**029c01**	AV630702	LCL082h10			14.0	13.2	11.7	1.0	0.2	1.3	0.6
4421	**121g06**	AV637494	HC073g11			6.0	7.7	5.8	1.3	0.3	1.3	0.2
4422	**152c12**	AV629913	LCL068h08			8.7	8.9	6.6	1.0	0.3	1.3	0.3
4423	**136h09**	AV621020	LC030a09			8.0	8.6	6.4	1.1	0.4	1.3	0.2
4424	**132a07**	AV644422	HCL088c02			19.1	16.1	12.2	0.8	0.1	1.3	0.1
4425	**152a10**	AV629792	LCL066c07			7.9	9.3	7.7	1.2	0.5	1.3	0.7
4426	**122a12**	AV637849	HC078d09			22.8	30.9	23.1	1.4	0.6	1.3	0.1
4427	**021a05**	AV621833	LC041e06			11.8	9.5	7.2	0.8	0.1	1.3	0.2
4428	**016e03**	AV642263	HCL048f05			5.3	6.1	4.5	1.2	0.2	1.3	0.3
4429	**006a08**	AV388918	CM033f10			6.1	6.3	5.1	1.1	0.2	1.3	0.5
4430	**030h03**	BP086217	MX004d01			6.6	7.0	5.3	1.1	0.1	1.3	0.1
4431	**142f06**	AV625352	LC091d03			13.3	10.9	9.3	0.9	0.5	1.3	0.7
4432	**145c08**	AV626597	LCL012a11			6.6	5.0	3.9	0.8	0.3	1.3	0.3
4433	**147a04**	AV627339	LCL025c05			24.7	22.6	17.4	0.9	0.1	1.3	0.3
4434	**021a12**	AV621952	LC043b01			83.1	69.1	52.1	0.8	0.1	1.3	0.2
4435	**142e08**	BP383823	LC089h01			326.8	341.5	285.9	1.0	0.0	1.3	0.6
4436	**155c10**	AV631373	LCL092h03			22.1	25.1	18.9	1.2	0.3	1.3	0.2
4437	**112a09**	AV391415	CM054b12			3.7	3.5	3.1	0.9	0.3	1.3	0.9
4438	**019h11**	AV620538	LC023d12			34.9	33.3	25.3	0.9	0.1	1.3	0.3
4439	**015d05**	AV641079	HCL027d06			2.8	3.1	2.4	1.1	0.4	1.3	0.5
4440	**108b10**	AV388177	CM017a08			6.0	7.5	5.6	1.3	0.3	1.3	0.1
4441	**016a07**	AV641634	HCL037h03			96.1	82.4	66.3	0.8	0.1	1.3	0.6
4442	**143b04**	AV625596	LC095b06			7.7	9.1	6.8	1.2	0.3	1.3	0.0
4443	**142h09**	BP383826	LC094a06			124.5	131.2	103.5	1.1	0.2	1.3	0.3
4444	**152b08**	AV629824	LCL067a01			4.9	4.3	3.3	0.9	0.1	1.3	0.4
4445	**012f01**	AV637090	HC068e10			8.8	9.9	7.6	1.2	0.6	1.3	0.3
4446	**103c11**	AV394905	CL34g01			4.2	5.0	3.8	1.2	0.2	1.3	0.1
4447	**108d04**	AV387248	CM018c07			8.4	10.5	8.2	1.3	0.4	1.3	0.4
4448	**145a03**	AV626459	LCL009e02			10.1	10.2	7.7	1.0	0.1	1.3	0.2
4449	**002d03**	AV395258	CL37b06			6.4	5.0	3.7	0.9	0.3	1.3	0.4
4450	**115e11**	AV391177	CM089d06			150.4	179.7	136.5	1.2	0.1	1.3	0.5
4451	**122g04**	AV638791	HC090h02			16.3	18.3	15.5	1.1	0.3	1.3	0.6
4452	**035b11**	BP096767	MXL064e11			19.0	21.5	16.9	1.1	0.3	1.3	0.5
4453	**154b02**	AV630798	LCL084d11			15.1	11.8	10.1	0.8	0.2	1.3	0.5
4454	**123g10**	AV639798	HCL005b10			39.5	33.1	27.5	0.9	0.2	1.3	0.5
4455	**026c12**	AV628281	LCL039e08			6.9	8.5	6.4	1.2	0.2	1.3	0.3
4456	**009c06**	AV391103	CM087e05			7.2	9.6	7.4	1.3	0.1	1.3	0.3
4457	**153a08**	AV630292	LCL076g08			6.4	7.1	5.4	1.1	0.2	1.3	0.1
4458	**113g11**	AV397362	CM070f11			7.2	8.0	6.0	1.1	0.4	1.3	0.4
4459	**012b03**	AV636147	HC055g08			11.7	16.0	12.0	1.4	0.2	1.3	0.1
4460	**117d03**	AV632594	HC010b05			4.4	6.0	4.6	1.4	0.4	1.3	0.3
4461	**135b11**	AV619904	LC013d04			301.6	361.1	280.5	1.2	0.2	1.3	0.2
4462	**143b05**	AV625598	LC095b11			16.5	19.1	15.0	1.2	0.1	1.3	0.5
4463	**123a11**	AV639261	HC097b02			15.3	19.1	14.6	1.3	0.0	1.3	0.2
4464	**011h01**	AV635567	HC048a01			31.0	29.0	21.9	1.0	0.2	1.3	0.2
4465	**024f12**	AV626763	LCL015a07			9.0	29.2	21.5	3.5	2.2	1.3	0.6
4466	**133g06**	AV645203	HCL099e08			2.3	2.6	2.0	1.1	0.3	1.3	0.4
4467	**112f01**	AV392042	CM058b05			17.5	15.1	11.9	0.9	0.1	1.3	0.4
4468	**102h02**	AV394821	CL28f08			3.5	4.9	3.7	1.4	0.2	1.3	0.0
4469	**118b12**	AV633572	HC022d11			4.1	6.7	5.4	1.6	0.4	1.3	0.6
4470	**127a09**	AV641618	HCL037e09			21.1	27.3	20.3	1.3	0.5	1.3	0.3
4471	**135c07**	AV619807	LC014b06			98.4	127.9	100.5	1.3	0.3	1.3	0.2
4472	**143a11**	AV625565	LC094f11			16.9	22.0	16.9	1.4	0.4	1.3	0.2
4473	**139b07**	AV622861	LC055f09			6.1	5.8	4.4	1.0	0.0	1.3	0.3
4474	**025f03**	AV627599	LCL029c05			9.5	14.2	10.8	1.5	0.2	1.3	0.1
4475	**172c07**	BP098312	MXL091c10			15.9	20.9	17.0	1.3	0.1	1.3	0.4
4476	**119g12**	AV635496	HC047a11			13.8	15.1	11.6	1.2	0.4	1.3	0.2
4477	**108a08**	AV387443	CM016a05			53.8	55.7	43.4	1.0	0.1	1.3	0.3
4478	**024f07**	AV626708	LCL014a11			5.5	4.6	4.0	0.8	0.2	1.3	0.8
4479	**026b11**	AV628157	LCL037f01			13.0	14.7	11.0	1.1	0.1	1.3	0.2
4480	**143a06**	AV625543	LC094d05			17.5	25.0	19.3	1.5	0.5	1.3	0.3
4481	**156e12**	BP086209	MX004b04			49.6	53.9	40.2	1.1	0.1	1.3	0.3
4482	**157e12**	BP087047	MX023g08			11.9	14.8	11.4	1.2	0.1	1.3	0.3
4483	**123c04**	AV639416	HC099a10			9.5	12.0	9.7	1.3	0.2	1.3	0.4
4484	**103a10**	AV395000	CL31d08			8.5	5.0	4.4	0.7	0.2	1.3	0.8
4485	**117d02**	AV632590	HC010a10			7.0	8.5	6.4	1.2	0.1	1.3	0.1
4486	**031b01**	BP086530	MX010g11			17.5	40.2	35.3	2.6	1.2	1.3	0.6
4487	**142a01**	AV624824	LC083c05			223.1	232.8	176.9	1.0	0.0	1.3	0.3
4488	**171f04**	BP098006	MXL085b12			6.1	7.1	5.7	1.2	0.2	1.3	0.4
4489	**123e01**	AV639602	HCL001f10			128.7	107.0	83.4	0.8	0.2	1.3	0.4
4490	**018f02**	AV619011	LC002e11			5.9	4.3	3.5	1.0	0.6	1.3	0.6
4491	**110f03**	AV389539	CM037g03			9.0	14.5	11.5	1.6	0.1	1.3	0.4

	A	B	C	D	E	F	G	H	I	J	K	L
4492	**128f11**	AV642479	HCL052e08			3.7	5.5	4.2	1.5	0.2	1.3	0.2
4493	**021h02**	AV623000	LC057f04			5.1	4.8	3.8	1.1	0.7	1.3	0.6
4494	**016e06**	AV642278	HCL048h05			3.0	2.8	2.7	1.0	0.2	1.3	0.7
4495	**101f03**	AV393769	CL11g05			68.7	57.2	43.4	0.9	0.1	1.3	0.1
4496	**109c05**	AV388071	CM025b06			135.0	141.6	109.8	1.1	0.1	1.3	0.3
4497	**159e03**	BP087801	MX043h04			23.6	26.0	19.1	1.1	0.3	1.3	0.3
4498	**034d01**	BP095662	MXL045d08			68.4	60.8	44.9	0.9	0.1	1.3	0.4
4499	**141d11**	AV624485	LC078d05			11.2	14.5	11.0	1.4	0.3	1.3	0.2
4500	**133h09**	AV645288	HCL100f09			4.9	5.9	4.7	1.2	0.1	1.3	0.5
4501	**161f08**	BP093259	MXL005g08			93.7	90.2	76.7	1.0	0.1	1.3	0.7
4502	**157b03**	BP086592	MX012d09			17.0	15.8	12.7	0.9	0.2	1.3	0.4
4503	**145c03**	AV626573	LCL011f07			23.6	20.4	16.1	0.9	0.2	1.3	0.3
4504	**125b02**	AV640437	HCL016c07			5.6	5.0	3.9	0.9	0.2	1.3	0.2
4505	**121f10**	AV637405	HC072g06			4.5	5.1	4.2	1.1	0.2	1.3	0.7
4506	**132b03**	AV644490	HCL089d08			10.6	12.2	10.7	1.2	0.4	1.3	0.6
4507	**107d11**	AV397644	CM009g07			5.2	8.5	6.7	1.7	0.4	1.3	0.3
4508	**108f01**	AV397460	CM020f04			15.6	20.0	15.6	1.3	0.4	1.3	0.2
4509	**036f01**	BP098426	MXL093b05			11.3	10.6	9.4	0.9	0.2	1.3	0.7
4510	**134h11**	AV619597	LC010e10			10.1	9.5	7.9	1.0	0.1	1.3	0.6
4511	**130h09**	AV643748	HCL075c12			19.1	40.4	29.8	2.1	0.7	1.3	0.4
4512	**103e04**	AV395276	CL37e06			8.2	10.5	7.9	1.3	0.3	1.3	0.2
4513	**146e05**	AV627124	LCL021e01			27.1	48.6	37.7	1.9	0.3	1.3	0.2
4514	**101h01**	AV394030	CL16c06			3.5	4.5	3.5	1.3	0.3	1.3	0.4
4515	**133e12**	AV645108	HCL098c11			20.3	18.3	14.4	1.0	0.2	1.3	0.3
4516	**131d05**	AV644085	HCL081e08			7.8	7.6	5.9	1.0	0.5	1.3	0.5
4517	**102f05**	AV627999	LCL035b05			10.9	53.5	40.8	4.9	1.4	1.3	0.5
4518	**110c01**	AV389034	CM034c05			3.9	6.7	5.4	1.7	0.1	1.3	0.3
4519	**120c07**	AV635925	HC052g07			11.3	10.0	8.4	0.9	0.2	1.3	0.7
4520	**023e09**	AV625194	LC089b04			31.0	22.7	17.2	0.7	0.0	1.3	0.1
4521	**158d08**	BP087648	MX040c03			17.3	17.1	13.2	1.0	0.1	1.3	0.3
4522	**118g07**	AV634198	HC030d08			6.9	13.5	10.4	1.9	0.1	1.3	0.1
4523	**102b12**	AV394209	CL19g08			6.5	7.6	6.0	1.2	0.1	1.3	0.5
4524	**136d11**	AV620709	LC025g08			13.8	14.5	12.0	1.1	0.2	1.3	0.5
4525	**027c07**	AV629084	LCL051g05			12.0	18.1	14.1	1.5	0.2	1.3	0.2
4526	**151c07**	AV629411	LCL058c09			12.0	17.4	13.3	1.5	0.1	1.3	0.2
4527	**015c12**	AV640997	HCL025h11			14.0	10.5	9.7	0.8	0.4	1.3	0.9
4528	**135a03**	AV619624	LC010h09			11.0	11.0	9.4	1.0	0.1	1.3	0.7
4529	**123b12**	AV639371	HC098e05			91.9	73.0	55.8	0.8	0.0	1.3	0.4
4530	**141c12**	BP383815	LC077e10			132.5	119.3	114.4	0.9	0.2	1.3	0.7
4531	**019b03**	AV619580	LC010c10			3.5	2.6	2.2	0.7	0.1	1.3	0.5
4532	**123e05**	AV639616	HCL001h10			22.1	26.2	19.8	1.3	0.6	1.3	0.3
4533	**140e08**	AV623905	LC070c06			9.5	27.5	21.0	2.9	0.3	1.3	0.1
4534	**170e01**	BP097433	MXL075f07			62.8	85.3	68.3	1.4	0.3	1.3	0.4
4535	**135g11**	AV620249	LC019e12			23.5	29.3	23.1	1.3	0.6	1.3	0.5
4536	**138c03**	AV622168	LC046a09			12.1	11.4	8.7	0.9	0.0	1.3	0.4
4537	**103b10**	AV394838	CL32h05			51.5	50.5	38.4	1.1	0.5	1.3	0.2
4538	**133a09**	AV644951	HCL095h05			13.1	12.3	9.7	0.9	0.2	1.3	0.4
4539	**131b11**	AV643933	HCL078f07			14.2	15.3	11.6	1.1	0.2	1.3	0.2
4540	**026h05**	AV628613	LCL044e08			20.1	42.2	33.0	2.2	0.7	1.3	0.2
4541	**002f07**	AV395586	CL44h12			7.6	9.6	7.3	1.3	0.2	1.3	0.1
4542	**141c03**	AV624361	LC076f09			5.6	5.3	4.1	1.0	0.1	1.3	0.2
4543	**128e07**	AV642429	HCL051f01			41.7	37.9	29.6	0.9	0.1	1.3	0.1
4544	**102h08**	AV394631	CL29f08			13.1	13.5	10.8	1.0	0.1	1.3	0.4
4545	**134h08**	AV619588	LC010d09			14.1	16.5	12.7	1.3	0.4	1.3	0.2
4546	**121d07**	AV637115	HC068h08			10.8	11.0	9.0	1.0	0.4	1.3	0.7
4547	**109g01**	AV388355	CM028h09			3.9	4.8	3.8	1.2	0.3	1.3	0.3
4548	**131h04**	AV644341	HCL086g01			7.2	7.4	5.8	1.1	0.3	1.3	0.2
4549	**012h02**	AV637526	HC074c01			5.5	6.7	5.1	1.4	0.5	1.3	0.5
4550	**033c03**	BP094216	MXL019f08			17.5	19.9	15.2	1.2	0.3	1.3	0.2
4551	**118d04**	BP383691	HC024d06			54.3	66.9	55.2	1.2	0.2	1.3	0.6
4552	**152f10**	AV630071	LCL072e04			4.5	4.6	3.6	1.0	0.2	1.3	0.4
4553	**022c09**	AV623657	LC066h02			15.1	19.1	14.6	1.3	0.2	1.3	0.1
4554	**146g04**	AV627223	LCL023a01			12.3	11.6	9.5	0.9	0.1	1.3	0.6
4555	**032f11**	BP093546	MXL009h09			10.0	9.9	7.9	1.0	0.1	1.3	0.4
4556	**017e03**	AV643274	HCL066f10			6.5	7.5	5.6	1.2	0.1	1.3	0.3
4557	**161f07**	BP093243	MXL005e08			8.2	6.7	6.8	0.9	0.4	1.3	0.9
4558	**132g11**	AV644830	HCL094d04			5.7	8.0	6.3	1.5	0.3	1.3	0.4
4559	**117b11**	AV632372	HC007d04			7.8	7.6	5.9	1.0	0.1	1.3	0.2
4560	**160c05**	BP088505	MX062b03			3.1	4.6	3.5	1.8	0.9	1.3	0.2
4561	**122h06**	AV639002	HC093f07			143.7	141.2	110.0	1.0	0.1	1.3	0.1
4562	**128d12**	AV642400	HCL051b08			100.9	103.6	94.1	1.1	0.2	1.3	0.7
4563	**036e03**	BP098302	MXL091b08			14.4	13.8	11.3	1.0	0.1	1.3	0.5
4564	**102a11**	AV394079	CL18e08			9.7	14.0	10.7	1.5	0.5	1.3	0.1
4565	**117b02**	AV632229	HC005e10			25.2	39.6	32.0	1.6	0.1	1.3	0.3
4566	**142a03**	AV624850	LC083e12			100.1	106.4	95.6	1.1	0.1	1.3	0.6
4567	**139h06**	AV623442	LC063h02			3.7	108.7	85.3	29.8	6.8	1.3	0.2
4568	**123c01**	AV639372	HC098e07			23.2	21.4	17.0	0.9	0.2	1.3	0.5
4569	**148c12**	AV625936	LC100a07			14.7	19.2	14.2	1.2	0.4	1.3	0.7
4570	**015a11**	AV640712	HCL021b09			30.3	22.6	18.5	0.8	0.2	1.3	0.5
4571	**024d09**	AV626555	LCL011c01			5.4	8.8	7.1	1.6	0.8	1.3	0.8
4572	**154d12**	AV630971	LCL087a10			4.9	5.5	4.3	1.1	0.3	1.3	0.4
4573	**014e09**	AV640127	HCL010h02			86.1	87.6	67.2	1.2	0.3	1.3	0.5
4574	**151a06**	AV629300	LCL056b09			13.4	15.9	12.5	1.2	0.1	1.3	0.2
4575	**148b10**	AV627869	LCL033b04			116.2	108.1	90.0	0.9	0.2	1.3	1.0
4576	**116f02**	AV392844	CM100e11			6.8	8.5	6.6	1.2	0.1	1.3	0.2
4577	**142c05**	BP383821	LC085h09			275.3	265.4	213.3	1.0	0.1	1.3	0.2
4578	**133f06**	AV645140	HCL098g02			11.5	9.0	6.8	0.8	0.1	1.3	0.3
4579	**140h02**	AV624104	LC073a04			51.7	40.5	32.9	0.8	0.1	1.3	0.4
4580	**153f11**	AV630596	LCL081c07			98.4	82.4	65.8	0.9	0.2	1.3	0.5
4581	**010f01**	AV633037	HC015h10			63.9	71.8	61.0	1.2	0.5	1.3	0.6
4582	**148e06**	AV628058	LCL036a12			21.9	20.6	16.1	0.9	0.1	1.3	0.2
4583	**034e05**	BP095899	MXL049a05			46.3	50.6	46.9	1.1	0.4	1.3	0.9
4584	**010g06**	AV633520	HC021g04			6.1	7.5	5.8	1.2	0.1	1.3	0.2
4585	**116c06**	AV392273	CM098a04			69.3	62.6	48.1	0.9	0.2	1.3	0.1
4586	**001b05**	AV393597	CL05e08			2.6	1.8	1.6	1.0	0.7	1.3	0.6
4587	**009b12**	AV390572	CM085f12			8.0	6.8	5.8	0.9	0.3	1.3	0.5
4588	**102a04**	AV394109	CL17f05			1.3	1.5	1.2	1.1	0.4	1.3	0.5
4589	**110g09**	AV389826	CM040b04			21.1	23.4	18.2	1.2	0.2	1.3	0.1
4590	**132b07**	AV644509	HCL089g05			6.5	8.2	6.5	1.3	0.4	1.3	0.4
4591	**117e02**	AV632748	HC012b01			51.9	75.1	56.6	1.5	0.6	1.3	0.1
4592	**023h06**	AV626218	LCL004e03			7.2	8.0	6.4	1.1	0.1	1.3	0.6
4593	**127b11**	AV641689	HCL038f12			10.2	11.4	8.8	1.1	0.1	1.3	0.1
4594	**156c01**	AV631777	LCL099f08			56.3	49.8	37.7	0.9	0.0	1.3	0.3
4595	**104f01**	AV395912	CL51e05			5.5	7.2	5.9	1.4	0.4	1.3	0.6
4596	**141g12**	AV624775	LC082e08			95.5	94.9	79.9	1.0	0.1	1.3	0.5
4597	**135f04**	AV620062	LC017a12			8.7	20.0	15.4	2.3	0.7	1.3	0.1
4598	**122c01**	AV637954	HC079h03			132.1	149.4	105.7	1.1	0.5	1.3	0.5

	A	B	C	D	E	F	G	H	I	J	K	L
4599	**105d03**	AV396423	CL62d06			6.0	8.2	6.5	1.4	0.1	1.3	0.3
4600	**113b07**	AV392821	CM064e12			6.4	9.0	6.9	1.4	0.2	1.3	0.4
4601	**140d06**	AV623804	LC068h05			15.6	12.7	9.8	0.9	0.2	1.3	0.2
4602	**140g08**	AV624082	LC072f12			10.5	12.2	9.4	1.2	0.4	1.3	0.1
4603	**136c03**	AV620591	LC024a11			18.0	19.2	14.7	1.1	0.1	1.3	0.1
4604	**019e07**	AV619992	LC015h12			7.5	6.6	5.8	0.9	0.1	1.3	0.8
4605	**013f07**	AV639126	HC095c09			17.5	19.5	17.4	1.1	0.2	1.3	0.6
4606	**154b12**	AV630854	LCL085c02			9.9	10.6	8.2	1.1	0.1	1.3	0.1
4607	**102a07**	AV394119	CL17h10			11.8	11.7	9.2	1.0	0.2	1.3	0.3
4608	**102h01**	AV394801	CL28c01			2.3	3.8	2.9	1.6	0.3	1.3	0.4
4609	**125a04**	AV640385	HCL015d01			7.9	9.9	8.1	1.3	0.2	1.3	0.3
4610	**023g07**	AV626081	LCL002b03			13.2	11.1	9.2	0.8	0.3	1.3	0.6
4611	**114f06**	AV389094	CM078h06			6.8	10.1	7.9	1.5	0.3	1.3	0.5
4612	**106b10**	AV397077	CL75h02			9.2	13.3	10.2	1.4	0.3	1.3	0.3
4613	**133a01**	BP383763	HCL094h09			155.4	124.5	98.4	0.8	0.1	1.3	0.3
4614	**155g12**	AV631625	LCL097b10			19.4	19.8	15.4	1.0	0.1	1.3	0.1
4615	**135e01**	AV619981	LC015g12			13.4	16.5	13.1	1.3	0.2	1.3	0.3
4616	**148c08**	AV627948	LCL034c12			6.0	7.5	5.7	1.3	0.2	1.3	0.2
4617	**017f09**	AV643579	HCL072b08			12.9	18.8	18.8	1.7	1.1	1.3	0.9
4618	**142b02**	AV624917	LC084e04			30.1	30.2	24.7	1.0	0.3	1.3	0.7
4619	**110a02**	AV388712	CM031e07			4.8	7.1	5.6	1.5	0.4	1.3	0.2
4620	**154e05**	AV630986	LCL087c06			9.7	9.0	7.5	1.0	0.3	1.3	0.5
4621	**120d04**	AV635994	HC053g09			45.0	58.7	47.7	1.3	0.2	1.3	0.2
4622	**029h05**	AV631183	LCL089h11			31.5	28.1	22.2	0.9	0.2	1.3	0.3
4623	**134c08**	AV619150	LC004d12			103.9	129.7	105.7	1.2	0.2	1.3	0.2
4624	**120c08**	AV635932	HC052h06			100.3	97.0	89.8	1.0	0.1	1.3	0.7
4625	**123g02**	AV639742	HCL004c02			9.5	7.2	5.8	0.8	0.2	1.3	0.5
4626	**105d05**	AV396446	CL62e12			71.8	107.3	80.8	1.4	0.3	1.3	0.6
4627	**148a06**	AV627794	LCL032b06			5.1	5.0	4.0	1.0	0.1	1.3	0.3
4628	**113g08**	AV397411	CM070e06			8.0	9.2	7.1	1.2	0.1	1.3	0.1
4629	**001a02**	AV393297	CL01c11			7.4	3.8	3.0	0.5	0.2	1.3	0.4
4630	**014c10**	AV639911	HCL007a12			9.2	14.1	11.6	1.7	1.1	1.3	0.9
4631	**010f04**	AV633142	HC017c06			20.6	14.7	12.0	0.8	0.2	1.3	0.5
4632	**105d02**	AV396435	CL62a09			11.7	14.9	12.6	1.2	0.3	1.3	0.7
4633	**023e07**	AV625171	LC088h01			21.9	28.3	22.6	1.4	0.4	1.3	0.3
4634	**004e01**	AV386770	CM008h08			47.1	56.6	44.4	1.2	0.1	1.3	0.3
4635	**167b01**	BP095884	MXL048g08			5.7	5.6	5.2	1.0	0.2	1.3	0.7
4636	**124f08**	AV640220	HCL012d08			16.9	19.2	15.7	1.1	0.1	1.3	0.4
4637	**104h02**	AV396151	CL54g07			9.7	16.4	12.4	1.7	0.7	1.3	0.3
4638	**025g01**	AV627751	LCL031e02			6.5	6.0	4.8	0.9	0.1	1.3	0.3
4639	**028c08**	AV629843	LCL067d03			17.3	17.1	13.1	1.0	0.3	1.3	0.1
4640	**128c12**	AV642304	HCL049d07			120.7	151.3	114.3	1.1	0.6	1.3	1.0
4641	**137d03**	AV621510	LC037a11			114.7	118.2	104.1	1.1	0.1	1.3	0.4
4642	**035g06**	BP097383	MXL074g06			37.2	28.9	22.5	0.8	0.0	1.3	0.2
4643	**105h01**	AV396791	CL69h06			25.4	25.6	20.2	1.2	0.4	1.3	0.3
4644	**028g06**	AV630266	LCL076d02			3.0	3.1	2.7	1.1	0.3	1.3	0.6
4645	**115h12**	AV392004	CM093h06			10.9	14.4	11.3	1.4	0.3	1.3	0.2
4646	**006h09**	AV390733	CM047f04			11.5	13.9	11.1	1.2	0.4	1.3	0.6
4647	**146b06**	AV627006	LCL019f12			7.0	6.7	5.2	1.0	0.1	1.3	0.2
4648	**022e09**	AV623996	LC071e06			4.0	3.0	2.6	0.8	0.1	1.3	0.5
4649	**102e09**	AV394443	CL24b02			789.8	602.1	494.7	0.7	0.1	1.3	0.7
4650	**109b02**	AV387747	CM023g07			7.9	10.1	8.2	1.3	0.4	1.3	0.3
4651	**115a03**	AV390272	CM082g06			72.4	108.3	86.8	1.6	0.4	1.3	0.2
4652	**105f06**	AV396742	CL66h01			14.5	13.5	11.0	1.0	0.2	1.3	0.3
4653	**136g01**	AV620852	LC027f11			17.4	26.1	20.3	1.5	0.2	1.3	0.2
4654	**012b02**	AV636139	HC055f07			12.2	16.8	13.2	1.4	0.1	1.3	0.1
4655	**137b09**	AV621255	LC033e01			11.9	10.4	8.1	0.9	0.1	1.3	0.1
4656	**128a07**	AV642139	HCL046c06			4.4	4.6	3.8	1.1	0.1	1.3	0.4
4657	**158d03**	BP087642	MX040a12			6.7	7.9	6.1	1.2	0.5	1.3	0.5
4658	**010g03**	AV633488	HC021d07			160.2	211.3	175.8	1.3	0.2	1.3	0.4
4659	**137g02**	AV621846	LC041f08			13.3	25.9	20.5	2.0	0.6	1.3	0.1
4660	**116g10**	BP383687	HC001e02			13.7	13.6	10.7	1.0	0.2	1.3	0.2
4661	**118c06**	AV633647	HC023d11			87.3	99.6	78.1	1.2	0.1	1.3	0.3
4662	**115c08**	AV390152	CM086c12			2.7	3.0	2.4	1.1	0.3	1.3	0.4
4663	**157f01**	BP087052	MX024a02			17.8	17.1	13.7	1.1	0.4	1.3	0.3
4664	**115c04**	AV390575	CM085h03			79.0	85.9	66.9	1.1	0.0	1.3	0.2
4665	**014a10**	AV639715	HCL003e12			10.2	9.0	7.4	0.9	0.2	1.3	0.4
4666	**033h05**	BP095041	MXL034h05			8.5	10.7	8.2	1.3	0.4	1.3	0.3
4667	**121a01**	BP383709	HC061c05			153.5	169.0	129.9	1.1	0.1	1.3	0.1
4668	**170b01**	BP097252	MXL072e10			11.2	10.5	8.2	0.9	0.3	1.3	0.3
4669	**143e12**	AV625811	LC098b06			7.9	9.4	7.2	1.3	0.7	1.3	0.2
4670	**154c03**	AV630865	LCL085d08			7.3	7.7	5.9	1.2	0.4	1.3	0.3
4671	**020d12**	AV621088	LC031a11			25.7	26.7	20.9	1.0	0.1	1.3	0.3
4672	**129d11**	AV642870	HCL059f04			7.2	6.3	5.0	0.9	0.2	1.3	0.3
4673	**140g03**	AV624057	LC072d01			30.2	27.8	25.9	0.9	0.1	1.3	0.5
4674	**115f09**	AV391292	CM090a09			9.4	7.3	5.7	0.8	0.1	1.3	0.2
4675	**023g04**	AV626059	LCL001g11			7.0	9.7	7.9	1.4	0.5	1.3	0.4
4676	**172e06**	BP098413	MXL093a01			8.9	18.8	16.6	2.1	0.2	1.3	0.8
4677	**132e02**	AV644701	HCL092e10			21.0	22.4	17.6	1.1	0.1	1.3	0.2
4678	**160g01**	BP089192	MX202e10			5.7	9.0	8.6	1.5	0.9	1.3	1.2
4679	**141e09**	AV624577	LC079f03			12.6	15.9	14.1	1.2	0.4	1.3	0.8
4680	**129g11**	AV643048	HCL062h04			7.5	8.4	6.6	1.1	0.3	1.3	0.4
4681	**122d04**	AV638177	HC082h06			97.8	99.9	81.2	1.0	0.1	1.3	0.3
4682	**138a07**	AV622053	LC044d08			31.8	31.1	24.3	1.0	0.1	1.3	0.2
4683	**135f11**	AV620164	LC018e02			17.2	24.5	19.0	1.4	0.3	1.3	0.5
4684	**160f07**	BP089097	MX104g04			246.5	319.0	245.6	1.3	0.1	1.3	0.2
4685	**104e06**	AV395773	CL50h07			25.7	21.1	16.6	0.9	0.3	1.3	0.4
4686	**132f12**	AV644803	HCL094a06			17.7	20.2	15.7	1.1	0.1	1.3	0.1
4687	**134g08**	AV619529	LC009f01			10.8	12.2	9.5	1.1	0.1	1.3	0.2
4688	**134b12**	AV619095	LC003f12			330.7	360.7	283.7	1.1	0.1	1.3	0.1
4689	**101d08**	AV393447	CL07d04			3.1	3.9	3.4	1.4	0.3	1.3	0.7
4690	**008a04**	AV392649	CM062h02			8.7	9.8	7.6	1.1	0.2	1.3	0.2
4691	**129e04**	AV642895	HCL060b01			10.8	16.1	12.5	1.5	0.1	1.3	0.1
4692	**003h04**	AV397227	CL78e11			6.3	7.4	6.0	1.2	0.1	1.3	0.4
4693	**117h05**	AV633211	HC018b03			4.0	4.9	4.1	1.2	0.1	1.3	0.4
4694	**122h01**	AV638958	HC093b03			6.0	5.8	4.6	1.0	0.4	1.3	0.2
4695	**156e07**	BP086177	MX003d05			19.1	25.5	19.7	1.3	0.1	1.3	0.4
4696	**107d10**	AV397691	CM009g06			10.0	13.8	10.8	1.4	0.1	1.3	0.1
4697	**121g09**	AV637525	HC074b11			107.5	98.9	78.8	0.9	0.1	1.3	0.4
4698	**111a08**	AV390162	CM042g10			24.8	20.6	16.1	0.9	0.3	1.3	0.1
4699	**161d08**	BP093143	MXL004a09			55.0	38.7	30.1	0.7	0.2	1.3	0.1
4700	**027a01**	AV628716	LCL046b03			3.8	4.5	3.5	1.2	0.5	1.3	0.4
4701	**148a12**	AV627840	LCL032g06			9.4	7.6	6.4	0.8	0.1	1.3	0.5
4702	**112e01**	AV391907	CM057d02			37.5	59.5	49.1	1.6	0.2	1.3	0.5
4703	**110g11**	AV389830	CM040c05			7.7	7.3	5.7	1.0	0.2	1.3	0.1
4704	**012c03**	AV636382	HC058g07			8.2	7.4	5.8	0.9	0.1	1.3	0.2
4705	**013b10**	AV638182	HC082h11			8.0	9.6	7.2	1.2	0.6	1.3	0.4

	A	B	C	D	E	F	G	H	I	J	K	L
4706	**140f07**	AV623978	LC071c09			41.5	36.2	29.0	0.9	0.2	1.3	0.3
4707	**106d03**	AV397232	CL78h01			15.6	16.2	13.0	1.1	0.2	1.3	0.3
4708	**009c11**	AV390932	CM088a09			5.7	5.1	4.0	0.9	0.2	1.3	0.2
4709	**143b03**	BP383827	LC094h09			15.0	12.6	10.3	0.8	0.1	1.3	0.5
4710	**126c10**	AV641183	HCL029d05			7.1	7.2	5.7	1.0	0.1	1.3	0.1
4711	**015f03**	AV641254	HCL030e09			23.2	39.3	31.1	1.7	0.3	1.3	0.2
4712	**171c06**	BP097817	MXL081g08			54.7	66.9	51.1	1.2	0.3	1.3	0.3
4713	**109d05**	AV388097	CM025g01			25.6	43.3	34.1	1.7	0.4	1.3	0.4
4714	**135g09**	AV620228	LC019c08			8.3	9.2	7.2	1.1	0.2	1.3	0.1
4715	**003a10**	AV395979	CL53g08			7.2	6.3	5.0	0.9	0.1	1.3	0.3
4716	**122e03**	AV638397	HC085h04			8.5	7.4	6.7	0.9	0.2	1.3	0.7
4717	**110c11**	AV389172	CM035c10			7.3	6.7	5.2	0.9	0.2	1.3	0.2
4718	**014g01**	AV640337	HCL014d12			11.8	15.9	14.1	1.5	0.4	1.3	0.7
4719	**134d05**	AV619210	LC005b10			11.8	11.1	9.1	1.0	0.4	1.3	0.4
4720	**127f05**	AV641924	HCL042e07			7.6	6.8	5.5	0.9	0.1	1.3	0.3
4721	**125c09**	AV640531	HCL017h06			9.5	12.1	9.8	1.3	0.4	1.3	0.3
4722	**132h08**	AV644866	HCL094h02			16.7	21.9	19.3	1.3	0.2	1.3	0.5
4723	**103c04**	AV394989	CL33e02			6.5	7.8	6.4	1.2	0.2	1.3	0.4
4724	**029a02**	AV630450	LCL079a08			41.8	26.1	20.5	0.6	0.1	1.3	0.1
4725	**140h09**	BP383812	LC073e07			41.8	76.2	59.9	1.9	0.4	1.3	0.2
4726	**030g06**	BP086138	MX002f02			61.0	52.0	43.6	0.8	0.2	1.3	0.9
4727	**144c12**	AV626233	LCL004g12			13.4	17.1	13.4	1.3	0.3	1.3	0.2
4728	**143d12**	AV625718	LC096h02			4.3	5.8	4.6	1.4	0.3	1.3	0.3
4729	**171c01**	BP097794	MXL081d12			21.0	19.6	15.4	1.0	0.3	1.3	0.1
4730	**112d09**	AV391832	CM056g02			127.3	138.7	110.7	1.1	0.1	1.3	0.6
4731	**011a06**	AV634045	HC028e08			95.2	60.0	53.0	0.6	0.3	1.3	1.0
4732	**111a06**	AV390110	CM042e03			17.6	16.8	13.4	1.0	0.2	1.3	0.2
4733	**122e09**	AV638514	HC087c12			10.1	9.2	8.4	0.9	0.3	1.3	0.7
4734	**110f12**	AV389712	CM039c06			13.7	14.2	11.2	1.1	0.2	1.3	0.1
4735	**030d02**	AV631575	LCL096d05			6.5	6.2	5.4	1.0	0.3	1.3	0.5
4736	**033d02**	BP094339	MXL021e02			11.4	12.0	10.1	1.0	0.2	1.3	0.6
4737	**027a09**	AV628782	LCL047a05			6.1	4.9	4.2	0.8	0.2	1.3	0.6
4738	**160h07**	BP089397	MX206e07			3.5	5.7	6.8	1.5	1.4	1.3	1.4
4739	**109f03**	AV387735	CM028b02			15.0	13.7	11.0	0.9	0.1	1.3	0.3
4740	**115d05**	AV390982	CM087b02			61.5	76.0	59.6	1.3	0.1	1.3	0.1
4741	**026b07**	AV628133	LCL037c04			15.3	22.0	18.3	1.4	0.3	1.3	0.3
4742	**147a10**	AV627369	LCL025g03			24.3	24.1	20.9	1.0	0.2	1.3	0.7
4743	**137b08**	AV621251	LC033d09			8.3	5.6	4.8	0.8	0.3	1.3	0.4
4744	**123d07**	AV639560	HCL001a06			799.6	995.0	797.3	1.2	0.0	1.3	0.5
4745	**004c08**	AV386848	CM005a01			50.9	47.7	35.8	0.9	0.2	1.3	0.2
4746	**141e01**	AV624515	LC078g08			22.9	40.0	33.1	1.8	0.3	1.3	0.4
4747	**023f07**	AV625308	LC090g02			8.4	7.2	5.7	0.9	0.1	1.3	0.2
4748	**035g01**	BP097309	MXL073d11			14.1	12.3	9.7	0.9	0.1	1.3	0.2
4749	**120c02**	AV635897	HC052d06			6.4	7.1	5.7	1.1	0.2	1.3	0.3
4750	**143e08**	AV625789	LC097h03			9.4	12.5	10.5	1.3	0.1	1.3	0.4
4751	**126g07**	AV641460	HCL034a08			14.2	14.3	11.4	1.2	0.7	1.3	0.5
4752	**120a01**	AV635638	HC048h09			57.1	48.9	46.4	0.9	0.2	1.3	0.6
4753	**143b06**	AV625609	LC095d06			6.8	7.0	5.5	1.1	0.4	1.3	0.2
4754	**148g11**	AV628208	LCL038d10			4.2	7.3	5.6	1.8	0.8	1.3	0.3
4755	**138c09**	AV622194	LC046d08			5.5	10.0	8.0	1.8	0.4	1.3	0.1
4756	**023d02**	AV625003	LC085f06			14.5	14.9	11.6	1.0	0.2	1.3	0.1
4757	**143g05**	AV625936	LC100a07			10.6	16.7	12.9	1.5	0.3	1.3	0.6
4758	**012g10**	AV637420	HC072h12			4.8	7.2	5.7	1.5	0.5	1.3	0.7
4759	**102a01**	AV394097	CL17d11			1.0	1.3	1.4	1.4	0.6	1.3	1.1
4760	**101f01**	AV393766	CL11d05			12.8	23.3	21.2	1.8	0.5	1.3	0.5
4761	**128b10**	AV642218	HCL047f10			8.6	8.8	7.4	1.0	0.1	1.3	0.3
4762	**146a11**	AV626984	LCL019d01			20.7	17.2	13.6	0.8	0.1	1.3	0.3
4763	**026g06**	AV628549	LCL043f03			30.3	32.1	28.5	1.1	0.2	1.3	0.5
4764	**108f05**	AV387946	CM021a05			7.5	9.9	7.7	1.3	0.4	1.3	0.4
4765	**115c11**	AV390163	CM086e04			12.3	11.5	9.3	0.9	0.1	1.3	0.3
4766	**125d12**	AV640633	HCL019e11			29.7	32.4	25.6	1.1	0.1	1.3	0.1
4767	**121f03**	AV637325	HC071f09			6.3	8.2	6.7	1.3	0.3	1.3	0.4
4768	**123a10**	BP383722	HC097a12			25.7	20.6	16.4	0.8	0.1	1.3	0.2
4769	**135h11**	AV620363	LC021b04			10.9	16.6	13.3	1.5	0.4	1.3	0.5
4770	**136b08**	AV620508	LC023a10			6.5	5.8	5.0	0.9	0.2	1.3	0.6
4771	**139c08**	AV622979	LC057c11			7.5	7.4	5.9	1.0	0.1	1.3	0.4
4772	**032h07**	BP093743	MXL012h12			15.3	13.0	11.9	0.9	0.1	1.3	0.6
4773	**166d05**	BP095619	MXL044f10			6.5	17.5	14.2	2.7	0.3	1.3	0.3
4774	**170c11**	BP097357	MXL074d08			16.5	22.5	17.3	1.3	0.5	1.3	0.5
4775	**012f03**	AV637107	HC068g12			7.1	7.7	6.1	1.2	0.6	1.3	0.1
4776	**142b01**	AV624912	LC084d10			23.8	19.4	15.5	0.8	0.2	1.3	0.3
4777	**145d05**	AV626661	LCL013b08			14.6	12.8	10.4	0.9	0.3	1.3	0.4
4778	**117a06**	AV632094	HC003h01			8.0	9.6	7.6	1.2	0.5	1.3	0.2
4779	**016e05**	AV642277	HCL048h04			0.8	1.4	1.3	2.0	1.1	1.3	0.6
4780	**103h12**	AV395541	CL43c09			5.0	3.7	3.0	0.7	0.2	1.3	0.8
4781	**134f07**	AV619448	LC008e03			79.6	110.4	87.7	1.4	0.4	1.3	0.1
4782	**157c07**	BP086773	MX016d10			10.6	11.4	9.2	1.1	0.4	1.3	0.3
4783	**022g05**	AV624188	LC074b08			14.6	21.5	18.7	1.5	0.2	1.3	0.4
4784	**147c08**	AV627470	LCL027c03			25.3	26.9	21.3	1.1	0.2	1.3	0.1
4785	**157e08**	BP087021	MX023a08			6.4	9.4	7.3	1.5	0.5	1.3	0.4
4786	**144b01**	AV626133	LCL002h07			12.4	9.1	7.2	0.7	0.1	1.3	0.2
4787	**033h04**	BP095027	MXL034f10			8.1	8.1	6.9	1.0	0.2	1.3	0.5
4788	**154b10**	AV630845	LCL085b01			6.7	7.0	5.5	1.1	0.3	1.3	0.2
4789	**113d01**	AV393010	CM066g03			63.2	127.2	102.0	2.0	0.2	1.3	0.2
4790	**115a05**	AV390270	CM082h07			23.9	24.5	19.4	1.0	0.2	1.3	0.3
4791	**151b02**	AV629339	LCL056h03			17.7	16.4	12.9	0.9	0.2	1.3	0.1
4792	**138g06**	AV622559	LC051c03			5.7	7.3	6.2	1.3	0.5	1.3	0.5
4793	**117b07**	AV632288	HC006c12			4.8	4.4	3.6	0.9	0.2	1.3	0.2
4794	**022e05**	AV623942	LC070g07			16.2	22.2	17.8	1.4	0.1	1.3	0.1
4795	**110b11**	AV388991	CM034b07			5.3	5.5	4.4	1.0	0.1	1.3	0.4
4796	**025c05**	AV627219	LCL022h06			15.9	15.7	12.6	1.0	0.2	1.3	0.1
4797	**153d03**	AV630464	LCL079c03			16.1	15.5	12.0	1.0	0.2	1.3	0.2
4798	**120a09**	AV635692	HC049f03			176.6	206.3	162.6	1.2	0.1	1.3	0.1
4799	**025b09**	AV627146	LCL021g12			13.7	14.0	11.0	1.0	0.2	1.3	0.1
4800	**107g01**	AV387178	CM012a04			17.6	24.7	19.6	1.6	0.8	1.3	0.3
4801	**011h04**	AV635672	HC049d04			79.7	84.5	68.5	1.1	0.3	1.3	0.4
4802	**010d05**	AV632683	HC011c07			14.1	28.0	22.0	2.1	0.6	1.3	0.2
4803	**142e03**	AV625192	LC089b01			16.0	14.5	11.5	0.9	0.2	1.3	0.1
4804	**014h04**	AV640485	HCL017b01			8.8	9.6	7.6	1.1	0.2	1.3	0.1
4805	**133a02**	AV644873	HCL094h10			13.7	12.3	9.9	1.0	0.3	1.3	0.2
4806	**007a06**	AV390980	CM049c12			14.3	16.9	15.2	1.2	0.1	1.3	0.5
4807	**138f12**	AV622513	LC050f09			16.9	20.8	16.3	1.3	0.3	1.3	0.2
4808	**031f12**	BP087272	MX030a09			7.2	9.8	8.0	1.4	0.1	1.3	0.2
4809	**105d08**	AV396507	CL63b10			33.1	32.9	26.0	1.0	0.2	1.3	0.2
4810	**119c06**	AV634839	HC038f06			112.8	161.8	137.8	1.4	0.4	1.3	0.3
4811	**121d09**	AV637131	HC069b08			185.4	185.0	144.3	1.0	0.2	1.3	0.1
4812	**028h10**	AV630402	LCL078c12			0.7	2.0	1.6	3.0	1.5	1.3	0.5

	A	B	C	D	E	F	G	H	I	J	K	L
4813	**126g10**	AV641474	HCL034c06			9.3	10.3	8.2	1.1	0.1	1.3	0.2
4814	**113a11**	AV392716	CM063c12			14.4	22.8	19.1	1.6	0.3	1.3	0.4
4815	**146d12**	AV627108	LCL021c03			6.1	5.9	4.6	0.9	0.2	1.3	0.2
4816	**167d02**	BP096005	MXL050h06			6.3	17.1	12.5	2.5	1.9	1.3	1.0
4817	**010c04**	AV632474	HC008f10			13.7	10.0	8.9	0.7	0.3	1.3	0.7
4818	**115d03**	AV390972	CM086h05			4.5	6.1	4.8	1.4	0.3	1.3	0.1
4819	**134a09**	AV618967	LC002a03			82.2	78.8	75.8	1.0	0.2	1.3	0.6
4820	**145e04**	AV626721	LCL014c10			20.9	21.7	17.3	1.0	0.2	1.3	0.1
4821	**118e03**	AV633816	HC025f06			3.7	3.8	3.0	1.0	0.1	1.3	0.2
4822	**013d02**	AV638597	HC088d04			20.9	34.8	27.8	1.7	0.3	1.3	0.1
4823	**138e11**	BP383798	LC048e06			126.4	140.2	122.9	1.1	0.1	1.3	0.4
4824	**140e07**	AV623886	LC070a09			9.6	25.7	20.4	2.8	0.6	1.3	0.1
4825	**134g01**	AV619489	LC009a05			6.7	9.4	7.9	1.4	0.3	1.3	0.5
4826	**139e08**	AV623164	LC059g11			88.7	82.0	77.8	0.9	0.1	1.3	0.7
4827	**107h02**	AV387083	CM013d08			9.3	7.5	6.1	0.8	0.1	1.3	0.2
4828	**130h01**	AV643717	HCL074g01			4.5	4.7	3.7	1.1	0.4	1.3	0.1
4829	**113b09**	AV392838	CM064f09			11.2	12.3	9.7	1.1	0.2	1.3	0.2
4830	**107d04**	AV397669	CM009d04			33.6	24.4	21.8	0.7	0.2	1.3	0.6
4831	**110d03**	AV389200	CM035e09			41.8	47.9	43.9	1.2	0.2	1.3	0.5
4832	**147a06**	AV627347	LCL025d03			17.9	14.5	11.8	0.8	0.1	1.3	0.3
4833	**141b03**	AV624306	LC075h03			136.8	113.3	91.2	0.8	0.1	1.3	0.1
4834	**133f04**	AV645135	HCL098f09			9.3	17.7	14.4	1.9	0.4	1.3	0.3
4835	**034d03**	BP095685	MXL045g08			8.6	7.1	6.6	0.8	0.2	1.3	0.7
4836	**131a07**	AV643829	HCL076g09			7.2	6.4	5.0	0.9	0.2	1.3	0.3
4837	**103b08**	AV394859	CL32e08			5.6	6.6	5.7	1.2	0.4	1.3	0.4
4838	**122e11**	AV638536	HC087f03			5.0	5.4	4.4	1.1	0.2	1.3	0.3
4839	**153g10**	AV630667	LCL082d08			9.5	10.4	8.3	1.1	0.4	1.3	0.3
4840	**137b05**	AV621223	LC032h10			10.2	11.9	9.8	1.2	0.3	1.3	0.4
4841	**011e03**	AV634934	HC039h01			238.7	287.2	233.1	1.2	0.3	1.3	0.2
4842	**129a10**	AV642654	HCL055d12			109.5	76.5	64.0	0.7	0.1	1.3	0.5
4843	**131b07**	AV643891	HCL077h07			12.6	27.4	21.7	2.3	0.8	1.3	0.3
4844	**130d12**	AV643480	HCL070d03			21.9	23.8	19.1	1.1	0.1	1.3	0.2
4845	**136h08**	AV620981	LC029e08			8.5	9.0	7.2	1.1	0.2	1.3	0.0
4846	**120e09**	AV636122	HC055d11			8.3	8.8	7.2	1.1	0.1	1.3	0.4
4847	**033f12**	BP094764	MXL029a07			44.2	41.0	35.4	0.9	0.2	1.3	0.5
4848	**106e01**	AV397349	CL80g11			65.2	97.9	80.4	1.7	0.6	1.3	0.3
4849	**007h10**	AV392532	CM062b09			5.3	5.4	4.6	1.0	0.4	1.3	0.7
4850	**152h05**	AV630228	LCL075g05			49.4	48.2	40.6	1.0	0.1	1.3	0.3
4851	**122c06**	BP383718	HC080h06			148.2	222.7	180.7	1.6	0.6	1.3	0.2
4852	**142g06**	AV625407	LC092b04			110.1	102.0	96.5	0.9	0.2	1.3	0.8
4853	**022a07**	AV623351	LC062e04			9.2	6.6	5.3	0.7	0.1	1.3	0.2
4854	**109c08**	AV388123	CM025c08			4.4	4.1	3.4	1.0	0.4	1.3	0.3
4855	**027g04**	AV629406	LCL058b12			7.9	9.1	7.7	1.1	0.3	1.3	0.4
4856	**140e06**	AV623884	LC070a07			5.4	7.0	5.6	1.3	0.4	1.3	0.3
4857	**153h08**	AV630717	LCL083b09			30.1	34.1	27.6	1.1	0.1	1.3	0.2
4858	**152c11**	AV629912	LCL068h06			3.6	3.8	3.2	1.1	0.3	1.3	0.4
4859	**116b08**	AV392485	CM097b08			10.6	9.2	7.4	0.9	0.2	1.3	0.2
4860	**138b02**	AV622090	LC044h04			1516.2	1213.8	981.6	0.8	0.1	1.3	0.3
4861	**171e10**	BP097983	MXL084f09			166.3	188.2	166.5	1.2	0.2	1.3	0.4
4862	**166e10**	BP095704	MXL046b02			10.2	11.7	9.4	1.2	0.2	1.3	0.3
4863	**150c01**	AV628924	LCL049a10			8.2	6.9	5.8	0.8	0.2	1.3	0.6
4864	**135f06**	AV620109	LC017f09			19.9	17.2	16.7	0.8	0.1	1.3	0.8
4865	**031f03**	BP087169	MX027b06			9.3	10.9	9.0	1.2	0.2	1.3	0.2
4866	**106c07**	AV397293	CL77c04			5.0	5.2	4.2	1.1	0.2	1.3	0.2
4867	**149a08**	AV628322	LCL040b01			12.2	11.9	9.5	1.0	0.2	1.3	0.3
4868	**013g02**	AV639305	HC097f05			19.4	30.8	25.3	1.6	0.3	1.3	0.3
4869	**169c04**	BP096886	MXL066e01			13.1	22.5	19.2	1.8	0.4	1.3	0.3
4870	**148e07**	AV628059	LCL036b01			21.8	37.5	32.8	1.7	0.1	1.3	0.4
4871	**001a03**	AV393312	CL01d04			15.4	12.6	10.1	0.8	0.2	1.3	0.3
4872	**140h04**	BP383811	LC073b12			1229.5	1003.5	846.3	0.8	0.1	1.3	0.3
4873	**033f07**	BP094683	MXL027c03			11.0	15.3	15.1	1.4	0.3	1.3	0.8
4874	**104a06**	AV395538	CL43h01			64.9	70.3	58.3	1.1	0.1	1.3	0.4
4875	**138b12**	AV622140	LC045f07			119.7	142.2	120.5	1.2	0.2	1.3	0.3
4876	**138h12**	AV622731	LC053f12			5.0	5.1	4.2	1.0	0.1	1.3	0.4
4877	**028e03**	AV630036	LCL071g04			3.1	2.5	3.2	0.9	0.2	1.3	1.3
4878	**124h04**	AV640324	HCL014c09			14.0	19.1	14.6	1.3	0.3	1.3	0.6
4879	**108g11**	AV387836	CM022a07			164.1	225.5	184.4	1.4	0.2	1.3	0.2
4880	**108f04**	AV397477	CM020g09			56.8	23.4	21.0	0.5	0.1	1.3	0.8
4881	**005c11**	AV387884	CM022c11			5.7	6.6	5.6	1.2	0.3	1.3	0.6
4882	**121e02**	AV637172	HC069g02			135.8	160.9	143.0	1.2	0.1	1.3	0.3
4883	**120a03**	AV635646	HC049a09			5.6	6.7	5.4	1.2	0.2	1.3	0.5
4884	**110a03**	AV388740	CM031h02			27.3	53.0	42.3	2.2	0.8	1.3	0.1
4885	**125f05**	AV640718	HCL021c03			90.0	61.7	49.1	0.7	0.2	1.3	0.1
4886	**008b03**	AV392919	CM065e12			14.0	8.4	6.8	0.7	0.2	1.3	0.3
4887	**111d03**	AV390490	CM046f10			7.0	8.2	6.9	1.2	0.3	1.3	0.4
4888	**147e04**	AV627563	LCL028f02			9.7	11.5	9.2	1.2	0.2	1.3	0.1
4889	**018a08**	AV644098	HCL081g08			4.9	8.2	6.8	1.8	0.5	1.3	0.4
4890	**170c03**	BP097324	MXL073g07			15.5	19.5	15.9	1.8	1.3	1.3	0.4
4891	**012g01**	AV637289	HC071b09			4.8	9.1	7.2	2.0	0.3	1.3	0.1
4892	**025c02**	AV627204	LCL022f07			5.6	5.0	4.5	0.9	0.2	1.3	0.6
4893	**108a11**	AV387465	CM016d07			5.4	7.7	6.3	1.5	0.4	1.3	0.3
4894	**164e05**	BP094768	MXL029b08			169.7	214.5	176.1	1.2	0.4	1.3	0.8
4895	**004c03**	AV386691	CM004e09			10.6	11.6	9.7	1.2	0.4	1.3	0.3
4896	**141g08**	AV624738	LC081h11			203.2	182.4	167.1	0.9	0.1	1.3	0.6
4897	**034c02**	BP095498	MXL042g04			41.7	39.6	31.7	1.0	0.1	1.3	0.1
4898	**168f07**	BP096637	MXL062b10			267.7	303.9	241.5	1.1	0.0	1.3	0.2
4899	**105c04**	AV396374	CL60d01			141.4	147.6	122.6	1.1	0.5	1.3	0.5
4900	**019e05**	AV619976	LC015g07			9.6	13.1	10.4	1.4	0.3	1.3	0.3
4901	**111g04**	AV391086	CM050h11			9.4	10.4	8.5	1.1	0.1	1.3	0.3
4902	**113c11**	AV392996	CM066e11			12.4	14.3	11.4	1.2	0.1	1.3	0.1
4903	**123a12**	AV639265	HC097b06			7.7	10.7	8.8	1.4	0.5	1.3	0.5
4904	**144c01**	AV626174	LCL003f03			9.8	9.3	7.8	0.9	0.3	1.3	0.6
4905	**131c05**	AV643980	HCL079e10			8.9	11.0	8.8	1.3	0.2	1.3	0.2
4906	**146e07**	AV627129	LCL021e11			15.5	20.6	16.3	1.3	0.3	1.3	0.2
4907	**134a05**	AV618908	LC001b12			6.6	5.9	4.7	0.9	0.2	1.3	0.3
4908	**135h08**	AV620348	LC020h05			7.5	9.6	7.7	1.3	0.3	1.3	0.3
4909	**006b06**	AV389204	CM035e11			11.6	12.3	10.0	1.1	0.1	1.3	0.3
4910	**019f03**	AV620104	LC017f04			5.1	6.9	5.7	1.4	0.1	1.3	0.3
4911	**132b05**	AV644505	HCL089f11			5.9	5.5	4.5	0.9	0.2	1.3	0.2
4912	**153b03**	AV630320	LCL077c01			10.6	10.4	8.5	1.0	0.2	1.3	0.2
4913	**132e04**	AV644706	HCL092f06			41.5	58.1	46.6	1.4	0.2	1.3	0.1
4914	**118d03**	AV633714	HC024d01			43.0	48.4	42.6	1.1	0.1	1.3	0.4
4915	**027a04**	AV628750	LCL046e12			67.6	63.0	59.8	0.9	0.2	1.3	0.7
4916	**116c01**	AV393038	CM097f12			2.7	4.5	3.8	1.7	0.2	1.3	0.3
4917	**121c07**	AV636998	HC067c01			7.9	6.5	6.0	0.8	0.2	1.3	0.6
4918	**138c07**	AV622187	LC046c10			4.8	4.1	3.5	0.9	0.3	1.3	0.4
4919	**125b03**	AV640438	HCL016c09			7.3	6.9	5.9	1.0	0.0	1.3	0.5

	A	B	C	D	E	F	G	H	I	J	K	L
4920	**149d06**	AV628474	LCL042d10			10.4	12.5	10.2	1.2	0.2	1.3	0.3
4921	**006a03**	AV388799	CM032f04			8.4	11.0	8.8	1.3	0.2	1.3	0.3
4922	**133g03**	AV645188	HCL099d04			4.8	5.9	4.8	1.2	0.2	1.3	0.2
4923	**107e01**	AV397637	CM009h08			9.9	19.3	16.1	2.0	0.5	1.3	0.3
4924	**107c09**	AV386739	CM008f10			6.7	6.5	5.8	1.0	0.2	1.3	0.4
4925	**103b12**	AV394990	CL33b06			2.9	2.9	2.8	1.2	0.5	1.3	0.7
4926	**170b08**	BP097282	MXL073a04			11.5	12.6	10.5	1.2	0.6	1.2	0.5
4927	**136e09**	AV620751	LC026d04			14.4	12.9	10.6	0.9	0.1	1.2	0.2
4928	**102f06**	AV394528	CL25g04			106.3	99.8	81.0	1.0	0.1	1.2	0.2
4929	**134h07**	AV619586	LC010d06			11.2	13.5	10.8	1.3	0.8	1.2	0.4
4930	**005f01**	AV387528	CM026d12			78.5	65.5	54.9	0.8	0.4	1.2	0.8
4931	**170c12**	BP097366	MXL074e06			5.4	5.6	5.1	1.2	0.4	1.2	0.5
4932	**102f07**	AV394546	CL25g11			14.7	16.1	14.7	1.1	0.3	1.2	0.6
4933	**004b08**	AV386646	CM004a09			109.2	81.6	65.5	0.7	0.1	1.2	0.4
4934	**119e09**	AV635151	HC042e09			100.3	68.0	58.3	0.7	0.0	1.2	0.3
4935	**115g06**	AV391470	CM091a02			6.9	6.7	5.3	1.0	0.6	1.2	0.3
4936	**145a04**	AV626460	LCL009e03			6.6	5.3	4.3	0.8	0.1	1.2	0.2
4937	**139e09**	AV623167	LC059h03			54.7	50.0	50.0	0.9	0.3	1.2	0.8
4938	**013h01**	AV639593	HCL001e09			17.2	17.3	14.1	1.0	0.0	1.2	0.2
4939	**026h10**	AV628693	LCL045g02			1.7	1.7	1.5	1.0	0.3	1.2	0.6
4940	**141e04**	AV624538	LC079b05			12.7	13.4	11.1	1.1	0.1	1.2	0.1
4941	**150c02**	AV628927	LCL049b02			17.2	15.0	12.2	0.9	0.1	1.2	0.1
4942	**122a04**	BP383715	HC076h01			52.5	56.7	52.5	1.1	0.1	1.2	0.5
4943	**141d06**	AV624447	LC077h07			427.4	222.7	207.2	0.5	0.3	1.2	1.1
4944	**160g03**	BP089238	MX203e06			10.7	8.0	7.8	0.8	0.3	1.2	0.7
4945	**018b10**	AV644272	HCL085b08			2.6	3.2	2.9	1.2	0.4	1.2	0.6
4946	**103c07**	AV394890	CL34c06			3.7	3.5	2.9	1.0	0.2	1.2	0.4
4947	**145b12**	AV626557	LCL011c04			31.0	31.3	25.4	1.1	0.4	1.2	0.3
4948	**172h05**	BP098560	MXL095e04			10.6	10.0	12.5	0.8	0.4	1.2	1.3
4949	**153b04**	AV630325	LCL077c06			6.6	4.7	3.8	0.7	0.1	1.2	0.1
4950	**103c08**	AV394897	CL34d11			5.8	6.1	4.9	1.1	0.2	1.2	0.2
4951	**012h03**	AV637542	HC074d08			10.9	11.3	9.0	1.0	0.1	1.2	0.2
4952	**016e12**	AV642334	HCL049h11			4.6	4.4	5.1	0.9	0.4	1.2	1.1
4953	**150e05**	AV629035	LCL050g04			6.6	9.5	7.5	1.5	0.3	1.2	0.3
4954	**116d08**	AV393253	CM099b08			82.2	104.1	80.7	1.3	0.1	1.2	0.2
4955	**135c01**	AV619859	LC013g05			133.6	137.0	122.2	1.0	0.0	1.2	0.5
4956	**150b02**	AV628850	LCL048a05			6.8	6.9	5.7	1.0	0.1	1.2	0.3
4957	**032f05**	BP093493	MXL009b08			26.2	21.7	21.5	0.8	0.1	1.2	0.8
4958	**159b02**	BP087737	MX042f01			57.2	78.0	64.1	1.5	0.5	1.2	0.2
4959	**022d03**	AV623769	LC068d07			30.5	28.4	23.0	0.9	0.2	1.2	0.3
4960	**102f01**	AV394458	CL24g11			5.7	8.3	6.8	1.5	0.1	1.2	0.1
4961	**014d12**	AV627409	LCL026c11			7.7	7.0	6.5	0.9	0.2	1.2	0.8
4962	**153h03**	AV630691	LCL082g06			11.0	9.3	8.6	0.9	0.1	1.2	0.5
4963	**019e08**	AV620023	LC016d12			7.6	7.0	5.9	1.0	0.3	1.2	0.3
4964	**130e02**	AV643493	HCL070e12			9.2	9.8	8.5	1.1	0.2	1.2	0.5
4965	**117c02**	AV632376	HC007d09			3.6	4.8	3.8	1.5	0.7	1.2	0.3
4966	**025a01**	AV626941	LCL018e05			6.7	6.0	5.0	0.9	0.2	1.2	0.3
4967	**132e05**	BP383761	HCL092f09			143.5	101.5	81.7	0.7	0.1	1.2	0.1
4968	**123a07**	AV639136	HC095d09			178.9	200.2	159.3	1.1	0.2	1.2	0.1
4969	**101a01**	AV393334	CL01b09			1.8	3.7	3.2	3.2	2.1	1.2	0.6
4970	**128a05**	AV642137	HCL046c03			102.9	111.6	88.4	1.0	0.5	1.2	0.8
4971	**109a10**	AV387808	CM023e12			83.3	92.2	76.6	1.1	0.1	1.2	0.4
4972	**141f07**	AV624656	LC080g12			13.5	11.7	9.7	0.8	0.1	1.2	0.6
4973	**145c05**	AV626575	LCL011f10			25.0	29.8	24.3	1.2	0.1	1.2	0.1
4974	**115e09**	AV391074	CM089c06			773.2	656.9	539.0	0.9	0.1	1.2	0.4
4975	**136h11**	AV621052	LC030e04			4.9	5.1	4.1	1.1	0.3	1.2	0.2
4976	**165d06**	BP095182	MXL037d01			11.8	15.2	12.3	1.3	0.3	1.2	0.4
4977	**146c01**	AV627029	LCL020a12			20.1	18.5	16.3	0.9	0.2	1.2	0.7
4978	**111g11**	AV391163	CM051d02			18.6	23.1	18.9	1.3	0.1	1.2	0.2
4979	**138d05**	AV622233	LC046h07			3.6	4.8	3.9	1.4	0.2	1.2	0.1
4980	**124b07**	AV640011	HCL008g05			9.9	15.9	13.0	1.6	0.3	1.2	0.3
4981	**153d11**	AV630486	LCL079f05			10.9	13.1	10.7	1.2	0.2	1.2	0.2
4982	**032g08**	BP093621	MXL011a11			12.4	11.5	9.3	0.9	0.1	1.2	0.2
4983	**036c01**	BP097921	MXL083e11			29.4	23.7	34.2	0.8	0.1	1.2	1.0
4984	**139e02**	AV623113	LC059a12			7.9	7.8	6.3	1.1	0.4	1.2	0.3
4985	**126b02**	BP383697	HC031d06			64.7	67.8	62.0	1.1	0.0	1.2	0.5
4986	**012c04**	AV636403	HC059a08			21.6	22.2	18.3	1.1	0.3	1.2	0.3
4987	**125a10**	AV640417	HCL015h06			13.1	16.0	13.0	1.2	0.4	1.2	0.4
4988	**106g09**	AV386613	CM003c12			5.6	3.8	3.2	0.7	0.1	1.2	0.6
4989	**132h01**	AV644839	HCL094e04			7.8	8.2	7.0	1.1	0.2	1.2	0.5
4990	**114h02**	AV390006	CM081e09			8.4	9.1	8.3	1.1	0.2	1.2	0.4
4991	**134a12**	AV618984	LC002c01			8.6	9.8	8.1	1.1	0.1	1.2	0.3
4992	**122b02**	AV637873	HC078g02			10.4	11.3	9.2	1.1	0.2	1.2	0.4
4993	**151g10**	AV629689	LCL063g10			6.1	8.6	6.9	1.4	0.3	1.2	0.3
4994	**103e12**	AV395219	CL39a09			8.3	6.9	5.8	0.8	0.0	1.2	0.3
4995	**166g06**	BP095748	MXL046g12			6.6	5.3	4.4	0.8	0.1	1.2	0.3
4996	**156f09**	BP086274	MX005e10			8.4	12.7	10.1	1.5	0.4	1.2	0.2
4997	**035b03**	BP096603	MXL061f04			16.8	22.6	18.4	1.4	0.2	1.2	0.3
4998	**018c03**	AV644315	HCL086b09			6.4	6.1	5.0	1.0	0.1	1.2	0.2
4999	**102a08**	AV394140	CL17h12			1.2	2.0	1.5	1.6	0.9	1.2	0.5
5000	**003f12**	AV397039	CL72b11			7.0	4.1	5.6	0.6	0.1	1.2	1.0
5001	**105c08**	AV396318	CL61d02			4.9	4.8	4.1	1.0	0.1	1.2	0.3
5002	**135a04**	AV619627	LC011a01			11.5	14.8	12.5	1.3	0.1	1.2	0.3
5003	**020a06**	AV620679	LC025d05			25.4	14.5	11.9	0.6	0.1	1.2	0.6
5004	**103h07**	AV395507	CL42h07			7.4	7.3	6.0	1.1	0.3	1.2	0.2
5005	**002h12**	AV395879	CL52c04			8.4	7.5	9.4	0.8	0.5	1.2	1.2
5006	**149e07**	AV628528	LCL043c10			19.6	16.0	15.2	0.8	0.1	1.2	0.4
5007	**152f01**	AV630033	LCL071f07			19.0	16.1	14.0	0.9	0.2	1.2	0.3
5008	**106g11**	AV386597	CM003e09			7.7	9.4	7.6	1.2	0.2	1.2	0.1
5009	**009d07**	AV391336	CM090b12			7.1	9.1	7.4	1.3	0.4	1.2	0.1
5010	**150e12**	AV629059	LCL051a12			5.4	7.8	6.3	1.5	0.4	1.2	0.2
5011	**123f05**	AV639666	HCL002g01			23.6	30.7	24.7	1.3	0.3	1.2	0.1
5012	**029b02**	AV630612	LCL081e08			4.1	3.4	3.3	0.8	0.2	1.2	0.9
5013	**032g04**	BP093598	MXL010g01			14.2	13.4	11.8	0.9	0.1	1.2	0.5
5014	**133e08**	AV645094	HCL098b06			4.2	4.6	3.8	1.1	0.3	1.2	0.4
5015	**024e01**	AV626595	LCL012a09			13.0	13.0	11.5	1.0	0.2	1.2	0.5
5016	**135d05**	AV619927	LC015b07			12.8	10.3	9.2	0.8	0.1	1.2	0.6
5017	**141a06**	AV624240	LC074h10			10.9	7.7	6.2	0.8	0.2	1.2	0.0
5018	**001e12**	AV394143	CL17d02			3.2	5.2	4.3	1.5	0.8	1.2	0.9
5019	**124a01**	AV639895	HCL006g11			23.7	23.4	19.2	1.0	0.1	1.2	0.3
5020	**029g01**	AV631038	LCL087h11			22.9	23.6	21.8	1.1	0.4	1.2	0.6
5021	**011c03**	AV634501	HC034b12			8.2	9.0	7.2	1.1	0.2	1.2	0.2
5022	**108e09**	AV397482	CM020d08			35.0	35.7	28.9	1.1	0.3	1.2	0.2
5023	**112f11**	AV392228	CM059d07			87.5	80.5	65.2	0.9	0.1	1.2	0.1
5024	**137h04**	BP098784	MXL099b03			26.4	33.8	29.7	1.5	0.6	1.2	0.4
5025	**135a05**	AV619636	LC011b01			12.3	13.3	11.2	1.1	0.1	1.2	0.3
5026	**029b09**	AV630652	LCL082b08			18.5	19.0	15.5	1.1	0.4	1.2	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
5027	**123d02**	AV639506	HC100c05			7.4	7.3	6.3	1.1	0.8	1.2	0.7
5028	**025h08**	AV627916	LCL033g12			18.6	11.0	9.4	0.6	0.1	1.2	0.5
5029	**011h11**	AV635729	HC050b09			8.8	5.0	4.0	0.6	0.1	1.2	0.2
5030	**139d02**	AV623019	LC057h04			10.4	9.6	8.3	1.0	0.2	1.2	0.3
5031	**122h09**	AV639029	HC094a11			7.1	6.9	5.7	1.0	0.2	1.2	0.2
5032	**130g12**	AV643713	HCL074f07			4.6	6.1	5.6	1.3	0.2	1.2	0.6
5033	**135c08**	AV619826	LC014c04			89.8	80.5	72.1	0.9	0.0	1.2	0.5
5034	**016e11**	AV642321	HCL049f12			3.1	5.6	4.7	1.9	0.6	1.2	0.7
5035	**015d12**	AV641107	HCL027h05			6.0	5.7	5.8	1.0	0.5	1.2	1.0
5036	**011e01**	AV634919	HC039f09			7.9	10.3	8.4	1.4	0.6	1.2	0.2
5037	**129d04**	BP383734	HCL058f01			46.9	37.9	30.8	0.8	0.2	1.2	0.2
5038	**101f09**	AV393825	CL12h11			9.5	12.5	10.2	1.4	0.3	1.2	0.2
5039	**122c04**	AV637996	HC080d07			9.7	11.2	9.5	1.2	0.3	1.2	0.5
5040	**111d05**	AV390513	CM046g06			15.5	17.2	14.0	1.1	0.1	1.2	0.1
5041	**139a12**	BP383801	LC055b06			72.2	53.4	42.3	0.7	0.2	1.2	0.4
5042	**028a08**	AV629578	LCL061c10			10.4	10.4	8.6	1.0	0.3	1.2	0.5
5043	**137b06**	AV621227	LC033a05			71.5	43.9	38.4	0.6	0.3	1.2	0.9
5044	**149d04**	AV628472	LCL042d08			5.3	8.8	7.0	1.6	0.2	1.2	0.2
5045	**149h04**	AV628709	LCL046a04			148.5	177.5	142.2	1.5	1.0	1.2	0.5
5046	**113f10**	AV387739	CM069f09			13.9	9.6	8.0	0.7	0.1	1.2	0.3
5047	**011f04**	AV635198	HC043c01			8.6	6.2	5.1	0.7	0.1	1.2	0.2
5048	**121d06**	AV637106	HC068g11			42.3	29.2	25.2	0.7	0.1	1.2	0.6
5049	**116b04**	AV392336	CM096e06			8.8	5.8	4.8	0.7	0.3	1.2	0.2
5050	**144a12**	AV626130	LCL002h01			24.5	20.1	17.5	0.8	0.1	1.2	0.4
5051	**017g04**	AV643625	HCL073a05			15.6	20.6	16.8	1.4	0.4	1.2	0.2
5052	**009e04**	AV391643	CM092e12			9.8	14.0	11.9	1.4	0.6	1.2	0.6
5053	**132a04**	AV644404	HCL087h11			15.8	22.8	19.1	1.4	0.4	1.2	0.4
5054	**138e05**	AV622320	LC048b02			4.5	4.8	4.2	1.2	0.4	1.2	0.4
5055	**172e12**	BP098441	MXL093d01			3.9	10.5	8.6	2.9	1.1	1.2	0.2
5056	**112b12**	AV391568	CM055c04			5.8	6.1	5.2	1.1	0.3	1.2	0.6
5057	**124d10**	AV640143	HCL011b08			16.8	17.0	14.4	1.0	0.2	1.2	0.4
5058	**027g06**	AV629422	LCL058e03			7.6	6.3	5.4	0.8	0.1	1.2	0.3
5059	**168e03**	BP096538	MXL060d06			3.1	3.8	3.6	1.2	0.4	1.2	0.7
5060	**119h11**	AV635624	HC048f11			6.5	7.7	6.3	1.3	0.7	1.2	0.5
5061	**146a10**	AV626982	LCL019c11			13.3	13.9	11.4	1.0	0.2	1.2	0.3
5062	**109h04**	AV388622	CM030f02			81.6	97.3	79.0	1.2	0.2	1.2	0.1
5063	**002a07**	AV394644	CL29b12			9.3	9.1	10.1	1.2	0.5	1.2	0.7
5064	**106e12**	BP383671	CM001g01			71.3	71.6	58.2	1.0	0.1	1.2	0.2
5065	**149f09**	AV628588	LCL044b10			8.7	9.6	7.9	1.1	0.2	1.2	0.1
5066	**101b07**	AV397603	CL02c10			53.7	48.6	44.0	0.9	0.0	1.2	0.5
5067	**008e03**	AV397373	CM070e08			25.5	27.7	22.5	1.1	0.2	1.2	0.0
5068	**135h03**	AV620300	LC020c06			13.9	17.1	16.2	1.3	0.1	1.2	0.7
5069	**157f11**	BP087123	MX026a01			7.4	7.9	7.4	1.1	0.5	1.2	0.7
5070	**135h06**	AV620326	LC020f01			5.4	5.9	4.8	1.2	0.5	1.2	0.1
5071	**033f02**	BP094611	MXL025f05			7.3	6.2	5.5	1.0	0.6	1.2	0.4
5072	**133f03**	AV645121	HCL098e04			166.1	230.3	179.0	1.3	0.4	1.2	0.4
5073	**104c07**	AV395704	CL47f08			15.1	15.4	12.5	1.1	0.2	1.2	0.1
5074	**133g09**	AV645217	HCL099g05			19.3	25.7	21.1	1.3	0.1	1.2	0.2
5075	**141a04**	BP383813	LC074c06			134.6	86.6	78.1	0.6	0.2	1.2	0.7
5076	**104e09**	AV395915	CL51b09			14.8	15.4	12.4	1.0	0.2	1.2	0.3
5077	**114c11**	AV389448	CM075f10			4.6	5.0	4.2	1.1	0.2	1.2	0.3
5078	**140d02**	AV623778	LC068e05			56.0	40.9	35.8	0.7	0.1	1.2	0.5
5079	**007f04**	AV392068	CM058b08			66.8	46.5	43.5	0.7	0.4	1.2	1.0
5080	**112c04**	AV391639	CM055e09			8.8	10.3	8.4	1.2	0.1	1.2	0.1
5081	**014g05**	AV640403	HCL015f08			8.3	8.0	6.5	1.0	0.0	1.2	0.2
5082	**036h01**	BP098767	MXL098g07			23.1	28.9	23.9	1.3	0.3	1.2	0.2
5083	**137g12**	AV621908	LC042e01			8.2	8.1	6.8	1.1	0.2	1.2	0.5
5084	**127f02**	AV641919	HCL042d10			14.5	16.2	13.2	1.1	0.1	1.2	0.1
5085	**139e01**	AV623106	LC059a05			10.4	8.5	7.9	1.0	0.5	1.2	0.5
5086	**154a09**	AV630778	LCL084b08			9.6	9.4	7.7	1.0	0.4	1.2	0.4
5087	**121a05**	AV636618	HC061h06			172.9	165.0	132.7	0.9	0.1	1.2	0.1
5088	**132f09**	AV644792	HCL093h03			10.7	11.3	9.6	1.0	0.1	1.2	0.5
5089	**153d08**	AV630477	LCL079d12			86.0	66.3	54.7	0.8	0.2	1.2	0.3
5090	**131f04**	AV644224	HCL084c09			8.2	9.3	7.6	1.2	0.1	1.2	0.2
5091	**140b01**	AV623600	LC066b02			13.3	9.3	7.6	0.7	0.2	1.2	0.3
5092	**104a03**	AV395526	CL43e06			8.3	11.4	9.6	1.5	0.4	1.2	0.4
5093	**139d03**	AV623028	LC058a01			6.9	6.7	5.7	1.0	0.2	1.2	0.3
5094	**130a05**	AV643184	HCL065c01			13.2	15.6	12.8	1.2	0.2	1.2	0.2
5095	**111a05**	AV390092	CM042b09			5.3	7.1	5.8	1.4	0.1	1.2	0.0
5096	**144b05**	AV626154	LCL003c05			6.6	6.9	6.0	1.1	0.3	1.2	0.5
5097	**123f09**	AV639713	HCL003e09			67.3	62.7	51.4	1.0	0.3	1.2	0.1
5098	**115d04**	AV391001	CM086h10			33.6	41.2	34.0	1.2	0.1	1.2	0.2
5099	**021d12**	AV622387	LC049a06			12.8	36.8	30.2	2.9	0.3	1.2	0.0
5100	**142c10**	AV625066	LC087d06			14.8	7.7	6.7	0.5	0.1	1.2	0.6
5101	**103a07**	AV395036	CL31b01			64.7	61.3	52.2	1.1	0.4	1.2	0.2
5102	**131h09**	AV644378	HCL087d07			11.1	11.3	9.8	1.1	0.2	1.2	0.5
5103	**149b07**	AV628366	LCL040f06			9.0	9.2	7.5	1.0	0.2	1.2	0.2
5104	**102f12**	AV394593	CL26g11			7.2	6.3	5.1	0.9	0.2	1.2	0.3
5105	**131g09**	AV644307	HCL086a04			13.9	9.7	8.2	0.7	0.3	1.2	0.5
5106	**027a06**	AV628755	LCL046f05			9.8	16.0	13.4	1.6	0.1	1.2	0.2
5107	**103g11**	AV395452	CL42c06			11.0	11.9	10.2	1.1	0.2	1.2	0.3
5108	**151d12**	AV629508	LCL060a07			12.8	11.7	9.7	0.9	0.1	1.2	0.4
5109	**012f07**	AV637155	HC069e06			30.3	37.9	31.0	1.3	0.4	1.2	0.1
5110	**155d02**	AV631391	LCL093b05			6.8	7.5	6.1	1.2	0.3	1.2	0.1
5111	**009g05**	AV397525	CM098e01			7.8	10.4	8.6	1.4	0.3	1.2	0.2
5112	**122b01**	AV637851	HC078e01			42.8	47.8	41.3	1.2	0.3	1.2	0.4
5113	**035c02**	BP096809	MXL065c02			18.1	12.5	10.8	0.7	0.2	1.2	0.3
5114	**113e05**	AV393212	CM068d04			66.1	45.7	37.5	0.7	0.1	1.2	0.1
5115	**111b11**	AV390309	CM045b04			5.7	5.2	4.4	0.9	0.0	1.2	0.4
5116	**102g08**	AV394729	CL27g03			4.2	3.7	3.2	0.9	0.1	1.2	0.4
5117	**104b09**	AV397794	CL45d08			4.4	4.6	4.3	1.1	0.3	1.2	0.7
5118	**138g04**	AV622557	LC051c01			267.5	258.5	218.0	1.0	0.1	1.2	0.2
5119	**104a09**	AV395594	CL44a11			12.9	15.0	12.2	1.1	0.1	1.2	0.2
5120	**105b08**	AV396232	CL58f09			3.4	3.7	3.3	1.1	0.3	1.2	0.4
5121	**110e12**	AV389504	CM037b08			20.1	18.7	15.4	0.9	0.2	1.2	0.3
5122	**111b09**	AV390255	CM044d04			6.4	9.3	8.7	1.4	0.4	1.2	0.8
5123	**022a08**	AV623352	LC062e05			9.4	10.8	9.0	1.2	0.2	1.2	0.1
5124	**152e04**	AV630005	LCL070g12			15.1	16.7	14.5	1.1	0.1	1.2	0.3
5125	**013e04**	AV638804	HC091a06			55.5	60.8	50.7	1.1	0.2	1.2	0.3
5126	**112c08**	AV391675	CM055f11			7.1	12.1	10.5	1.7	0.1	1.2	0.4
5127	**107a07**	AV387203	CM006e12			11.0	16.6	13.9	1.5	0.1	1.2	0.1
5128	**035h01**	BP097432	MXL075f03			3.7	5.2	4.4	1.4	0.3	1.2	0.3
5129	**135h09**	AV620356	LC021a03			32.0	33.7	28.4	1.1	0.1	1.2	0.2
5130	**123g12**	AV639807	HCL005c10			16.0	18.2	14.8	1.1	0.2	1.2	0.2
5131	**144c06**	AV626205	LCL004c02			15.8	16.8	14.3	1.1	0.2	1.2	0.2
5132	**140g10**	AV624090	LC072g11			22.1	17.5	15.8	0.8	0.2	1.2	0.8
5133	**125a12**	AV640432	HCL016b10			17.2	18.0	14.8	1.1	0.2	1.2	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
5134	**005a08**	AV387240	CM018c05			19.7	21.0	17.4	1.1	0.3	1.2	0.1
5135	**106d06**	AV397180	CL79g09			6.8	8.7	7.2	1.3	0.6	1.2	0.4
5136	**029f09**	AV630985	LCL087c05			20.5	23.6	19.8	1.1	0.1	1.2	0.1
5137	**106c04**	AV397142	CL76h08			12.4	6.8	5.7	0.7	0.3	1.2	0.3
5138	**128a06**	AV642138	HCL046c04			6.9	6.4	5.4	0.9	0.0	1.2	0.3
5139	**014a05**	AV639688	HCL003b04			64.3	59.4	52.8	0.9	0.2	1.2	0.4
5140	**138a04**	AV622029	LC044b05			26.4	21.0	18.0	0.8	0.1	1.2	0.3
5141	**033c06**	BP094226	MXL019g11			10.2	8.8	7.4	0.9	0.1	1.2	0.2
5142	**035g07**	BP097397	MXL075a10			14.7	12.8	11.7	0.9	0.1	1.2	0.5
5143	**133h05**	AV645258	HCL100c10			11.6	13.1	11.1	1.1	0.1	1.2	0.2
5144	**115b01**	AV390384	CM084a11			134.7	223.2	184.0	1.7	0.2	1.2	0.1
5145	**125g01**	AV640767	HCL022a09			8.8	10.1	8.3	1.2	0.3	1.2	0.1
5146	**121c09**	AV637009	HC067d05			154.4	145.8	143.1	0.9	0.1	1.2	0.6
5147	**101d04**	AV393619	CL06c12			4.0	4.6	3.8	1.2	0.3	1.2	0.0
5148	**111g01**	AV391062	CM050e05			5.1	5.9	5.0	1.2	0.2	1.2	0.3
5149	**121e05**	AV637198	HC070a09			5.3	6.5	5.3	1.2	0.2	1.2	0.3
5150	**138b01**	AV622089	LC044h03			10.4	10.3	8.8	1.0	0.4	1.2	0.5
5151	**133b11**	AV644987	HCL096e11			157.6	165.2	140.3	1.0	0.0	1.2	0.2
5152	**008f05**	AV388854	CM073b07			72.7	74.5	67.3	1.0	0.2	1.2	0.7
5153	**109e05**	AV387634	CM027c11			12.4	10.7	8.7	0.8	0.2	1.2	0.4
5154	**003a05**	AV395990	CL53a11			69.1	49.1	41.0	0.8	0.2	1.2	0.2
5155	**150a02**	AV628771	LCL046g11			12.2	9.9	8.4	0.8	0.1	1.2	0.3
5156	**013f01**	AV638967	HC093c01			50.0	56.6	47.1	1.2	0.3	1.2	0.2
5157	**005c08**	AV387823	CM022a06			9.7	9.9	8.3	1.0	0.1	1.2	0.2
5158	**004c12**	AV387206	CM006h11			7.6	5.8	4.8	0.8	0.2	1.2	0.3
5159	**136h10**	AV621025	LC030b03			6.8	7.4	6.3	1.2	0.3	1.2	0.5
5160	**152a11**	AV629795	LCL066c11			13.8	14.6	14.3	1.1	0.3	1.2	0.7
5161	**101e07**	AV393692	CL10f08			5.2	4.5	4.3	0.9	0.2	1.2	0.6
5162	**020h08**	AV621667	LC039d03			25.0	17.5	14.5	0.7	0.1	1.2	0.1
5163	**130c03**	AV643314	HCL067d10			14.0	15.6	13.0	1.1	0.1	1.2	0.4
5164	**029b05**	AV630622	LCL081f11			10.8	9.2	7.7	0.9	0.3	1.2	0.1
5165	**134h05**	AV619582	LC010c12			7.0	6.8	5.6	1.0	0.4	1.2	0.2
5166	**019a11**	AV619494	LC009a11			15.6	10.9	8.9	0.9	0.5	1.2	0.1
5167	**111c03**	AV390337	CM045b10			17.1	12.6	10.6	0.8	0.2	1.2	0.1
5168	**151g04**	AV629640	LCL062e04			17.4	21.0	17.6	1.2	0.2	1.2	0.3
5169	**004a08**	AV397813	CM002e10			85.6	93.9	79.3	1.1	0.3	1.2	0.3
5170	**114a02**	AV388694	CM072a05			5.9	7.6	6.3	1.4	0.6	1.2	0.1
5171	**031h01**	BP087393	MX033f03			5.4	6.8	5.6	1.3	0.4	1.2	0.2
5172	**131b02**	AV643871	HCL077e03			136.7	101.0	84.2	0.7	0.2	1.2	0.2
5173	**027d05**	AV629167	LCL053e06			2.4	2.5	2.2	1.1	0.4	1.2	0.4
5174	**144d02**	AV626236	LCL004h04			13.1	11.5	9.6	0.9	0.2	1.2	0.2
5175	**146a09**	AV626979	LCL019c05			6.9	5.2	4.4	0.8	0.2	1.2	0.3
5176	**021a10**	AV621940	LC042h06			46.2	55.1	45.9	1.2	0.2	1.2	0.5
5177	**105e02**	AV396545	CL63h01			6.2	7.7	6.4	1.3	0.1	1.2	0.1
5178	**111h08**	AV391246	CM052c01			5.1	5.2	4.4	1.1	0.5	1.2	0.4
5179	**122c05**	AV638018	HC080f12			14.8	18.8	15.5	1.4	0.6	1.2	0.1
5180	**147d04**	AV627516	LCL027h08			9.0	14.3	12.3	1.7	0.6	1.2	0.2
5181	**114e02**	AV388038	CM077d11			8.6	8.1	6.9	1.0	0.2	1.2	0.2
5182	**114f08**	AV389646	CM079b08			5.2	7.2	6.0	1.4	0.5	1.2	0.3
5183	**108h12**	AV387840	CM022h12			4.8	5.4	4.5	1.1	0.5	1.2	0.6
5184	**022a02**	AV623253	LC061b03			14.6	16.4	13.5	1.1	0.2	1.2	0.1
5185	**138d09**	AV622266	LC047d02			16.8	15.6	12.8	0.9	0.1	1.2	0.1
5186	**001h06**	AV394600	CL26e01			93.6	84.2	70.7	0.9	0.2	1.2	0.3
5187	**017e06**	AV643318	HCL067e02			2.1	2.0	1.7	1.1	0.6	1.2	0.4
5188	**112f09**	AV392188	CM058h07			11.8	9.2	7.8	0.8	0.0	1.2	0.6
5189	**136d09**	AV620701	LC025f10			12.5	11.9	9.8	1.0	0.4	1.2	0.3
5190	**028c12**	AV629854	LCL067f12			18.4	35.2	29.2	1.9	0.1	1.2	0.1
5191	**127d07**	AV641794	HCL040d03			9.6	10.3	8.8	1.0	0.3	1.2	0.4
5192	**104f09**	AV395866	CL52d01			103.4	124.7	102.6	1.2	0.2	1.2	0.5
5193	**133h02**	AV645239	HCL100a12			14.2	16.4	14.1	1.2	0.4	1.2	0.4
5194	**104f10**	AV395857	CL52f06			9.4	8.7	7.3	1.0	0.3	1.2	0.2
5195	**104g05**	AV395994	CL53f11			4.4	5.0	4.2	1.2	0.4	1.2	0.1
5196	**117b12**	AV632373	HC007d05			4.2	4.6	3.8	1.1	0.1	1.2	0.2
5197	**153g12**	AV630669	LCL082d12			11.8	16.3	12.9	1.4	0.7	1.2	0.4
5198	**014f06**	AV640260	HCL013c11			302.2	295.7	246.2	1.0	0.1	1.2	0.1
5199	**119c02**	AV634764	HC037f01			3.7	3.8	3.2	1.0	0.3	1.2	0.1
5200	**029h09**	AV631213	LCL090d02			18.3	19.0	16.8	1.0	0.1	1.2	0.4
5201	**108b12**	AV388197	CM017c07			54.3	60.5	50.7	1.1	0.1	1.2	0.2
5202	**137h11**	AV621984	LC043e10			12.5	13.5	11.4	1.1	0.3	1.2	0.4
5203	**132b06**	BP383758	HCL089g04			10.7	9.5	9.0	0.9	0.3	1.2	0.5
5204	**123g07**	AV639783	HCL005a02			6.8	9.6	7.9	1.4	0.5	1.2	0.1
5205	**141h12**	AV624818	LC083b10			10.6	11.6	9.8	1.1	0.1	1.2	0.2
5206	**124g06**	AV640264	HCL013d05			6.0	6.0	5.2	1.0	0.2	1.2	0.4
5207	**117f04**	AV632893	HC014a07			5.4	4.6	3.9	0.9	0.2	1.2	0.2
5208	**123d06**	AV639549	HC100g12			9.0	8.2	7.0	0.9	0.1	1.2	0.3
5209	**122b10**	AV637936	HC079f03			13.7	15.8	14.8	1.2	0.2	1.2	0.5
5210	**142c01**	AV625008	LC085f12			8.5	8.6	7.4	1.1	0.2	1.2	0.2
5211	**123h03**	BP098686	MXL097d04			4.6	5.0	4.2	1.1	0.2	1.2	0.2
5212	**104h06**	AV396064	CL55c01			6.9	5.8	4.7	0.8	0.2	1.2	0.5
5213	**135b12**	AV619866	LC013g03			70.2	89.6	74.9	1.3	0.1	1.2	0.1
5214	**027g05**	AV629408	LCL058c03			8.5	8.7	7.4	1.0	0.1	1.2	0.4
5215	**025c04**	AV627213	LCL022g08			18.4	14.6	12.5	0.8	0.1	1.2	0.3
5216	**117b03**	AV632237	HC005f06			6.0	9.6	8.2	1.7	0.4	1.2	0.3
5217	**030a10**	AV631354	LCL092e06			14.4	15.0	12.4	1.0	0.2	1.2	0.2
5218	**005h04**	AV388592	CM030e02			69.8	78.4	67.2	1.1	0.3	1.2	0.3
5219	**109b04**	AV387753	CM023h06			19.2	18.2	14.9	0.9	0.2	1.2	0.1
5220	**013d03**	AV638600	HC088d07			3.8	5.5	4.5	1.4	0.2	1.2	0.3
5221	**137g04**	AV621849	LC041g01			26.5	24.7	24.4	0.9	0.1	1.2	0.6
5222	**151b01**	AV629334	LCL056g08			15.3	11.5	9.6	0.8	0.2	1.2	0.2
5223	**109h08**	AV388661	CM031b11			9.6	9.3	7.6	1.0	0.1	1.2	0.1
5224	**157g03**	BP087137	MX026d06			11.7	11.7	10.1	1.1	0.2	1.2	0.2
5225	**131g07**	BP383756	HCL085g12			5.0	5.2	4.5	1.1	0.2	1.2	0.3
5226	**109f01**	AV387723	CM027h03			15.8	12.7	11.0	0.8	0.1	1.2	0.5
5227	**109a02**	AV387770	CM023a06			6.0	6.6	5.8	1.4	0.6	1.2	0.6
5228	**013a05**	AV637791	HC077e08			163.5	212.5	178.5	1.3	0.1	1.2	0.2
5229	**108c05**	AV388171	CM017f01			164.6	156.8	132.8	1.1	0.5	1.2	0.4
5230	**136d07**	AV620680	LC025d07			7.8	7.0	6.2	0.9	0.1	1.2	0.3
5231	**128f01**	BP383729	HCL051h08			16.8	23.5	19.8	1.4	0.2	1.2	0.2
5232	**118a09**	AV633390	HC020c07			45.0	57.5	49.6	1.3	0.2	1.2	0.3
5233	**035c03**	BP096810	MXL065c03			17.0	12.2	10.4	0.7	0.1	1.2	0.3
5234	**116h06**	AV631996	HC002f08			7.3	12.7	10.9	1.9	0.9	1.2	0.6
5235	**131b12**	AV643947	HCL078h12			28.0	33.2	27.5	1.2	0.3	1.2	0.1
5236	**164b07**	BP094650	MXL026d07			35.6	44.8	36.4	1.2	0.4	1.2	0.4
5237	**144f11**	AV626321	LCL006h04			53.6	38.4	35.4	0.7	0.1	1.2	0.6
5238	**107d01**	AV397656	CM009b01			20.7	29.0	25.3	1.4	0.1	1.2	0.2
5239	**104c09**	AV395823	CL48a02			5.3	5.1	4.5	1.0	0.1	1.2	0.3
5240	**025h07**	AV627905	LCL033f11			9.1	12.5	10.5	1.4	0.2	1.2	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
5241	**009g01**	AV392424	CM097b05			14.8	18.7	16.7	1.4	0.4	1.2	0.3
5242	**105f09**	AV396708	CL67c10			7.8	8.8	7.6	1.1	0.2	1.2	0.5
5243	**114g03**	AV390525	CM080c07			9.5	12.1	10.3	1.3	0.2	1.2	0.3
5244	**137b12**	AV621326	LC034d07			15.4	17.8	16.1	1.2	0.1	1.2	0.5
5245	**146b10**	AV627018	LCL019h06			5.0	4.7	4.0	0.9	0.1	1.2	0.2
5246	**146b05**	AV627000	LCL019f02			17.0	17.8	14.7	1.1	0.3	1.2	0.1
5247	**141g02**	AV624708	LC081e04			13.3	13.8	11.6	1.1	0.2	1.2	0.2
5248	**141d09**	AV624466	LC078b05			8.5	7.4	6.2	0.9	0.1	1.2	0.3
5249	**029g06**	AV631074	LCL088d06			26.1	31.5	26.3	1.2	0.2	1.2	0.1
5250	**108d06**	AV387283	CM018e02			4.8	5.6	4.7	1.2	0.3	1.2	0.2
5251	**138d01**	AV622215	LC046f11			21.5	15.7	12.8	0.7	0.2	1.2	0.5
5252	**115e08**	AV391027	CM089c05			593.0	583.7	495.1	0.9	0.3	1.2	0.7
5253	**113e03**	AV393204	CM068c03			21.0	23.8	20.8	1.1	0.2	1.2	0.4
5254	**109f11**	AV388330	CM028f06			14.9	11.8	10.0	0.8	0.2	1.2	0.2
5255	**154f06**	AV631066	LCL088c09			74.3	38.6	32.1	0.5	0.1	1.2	0.1
5256	**127d04**	AV641766	HCL039h09			7.3	10.2	8.4	1.4	0.3	1.2	0.1
5257	**018c06**	AV644344	HCL086g07			6.4	8.8	7.4	1.4	0.1	1.2	0.3
5258	**111c12**	AV390448	CM046d12			7.0	7.1	5.8	1.0	0.3	1.2	0.3
5259	**138a08**	AV622060	LC044e05			13.6	10.7	9.3	0.8	0.2	1.2	0.3
5260	**131g05**	AV644291	HCL085f05			57.8	33.5	33.8	0.5	0.2	1.2	0.9
5261	**106d11**	AV397330	CL80e07			4.6	3.9	3.3	0.9	0.4	1.2	0.2
5262	**129g08**	AV643022	HCL062d08			194.5	198.4	158.1	1.0	0.3	1.2	0.3
5263	**118h01**	AV634280	HC031d05			8.4	7.2	6.0	1.1	0.8	1.2	0.2
5264	**020d02**	AV620950	LC029a12			15.2	12.3	10.5	0.9	0.2	1.2	0.2
5265	**145a05**	AV626466	LCL009f03			17.9	13.1	11.5	0.7	0.2	1.2	0.4
5266	**025a06**	AV627013	LCL019g09			28.6	27.8	24.7	1.0	0.2	1.2	0.5
5267	**025e06**	AV627485	LCL027d09			2.4	1.6	1.4	0.7	0.3	1.2	0.3
5268	**122b04**	AV637881	HC078h02			9.3	7.6	6.8	0.8	0.2	1.2	0.4
5269	**010c12**	AV632597	HC010b08			4.5	4.4	3.7	1.0	0.2	1.2	0.2
5270	**126f01**	AV641353	HCL032b04			6.4	6.5	5.8	1.0	0.2	1.2	0.4
5271	**021a07**	AV621889	LC042c04			37.2	37.0	33.0	1.0	0.3	1.2	0.6
5272	**139h08**	AV623449	LC063h10			4.8	7.5	6.3	1.6	0.4	1.2	0.2
5273	**017h08**	AV643960	HCL079b06			10.2	10.2	10.3	1.2	0.7	1.2	0.8
5274	**014h07**	AV640533	HCL017h08			4.3	6.3	5.2	1.5	0.3	1.2	0.3
5275	**169c02**	BP096875	MXL066c05			60.8	74.9	59.9	1.2	0.1	1.2	0.2
5276	**125f12**	AV640765	HCL022a07			5.9	5.5	5.0	0.9	0.1	1.2	0.4
5277	**140e10**	AV623910	LC070d02			17.3	16.2	14.0	1.0	0.4	1.2	0.5
5278	**131c08**	AV644012	HCL080b10			17.0	19.2	16.0	1.1	0.2	1.2	0.2
5279	**023f12**	AV626017	LCL001b04			2.0	5.7	4.6	2.6	1.7	1.2	0.1
5280	**101d01**	AV393576	CL05d12			5.1	9.7	8.5	2.0	0.5	1.2	0.3
5281	**032a12**	BP087800	MX043h02			46.1	44.1	41.2	1.0	0.4	1.2	0.7
5282	**134g02**	AV619490	LC009a06			226.5	274.0	238.5	1.2	0.0	1.2	0.3
5283	**168h06**	BP096728	MXL063h01			7.0	7.4	8.6	0.9	0.5	1.2	1.2
5284	**032c11**	BP093129	MXL003g12			27.4	32.3	26.9	1.2	0.5	1.2	0.1
5285	**019a04**	AV619383	LC007f04			6.4	6.0	5.3	1.0	0.2	1.2	0.5
5286	**117d05**	AV632624	HC010e07			9.7	8.3	6.9	0.9	0.2	1.2	0.1
5287	**137d05**	AV621517	LC037b10			7.7	6.8	5.7	1.1	0.6	1.2	0.1
5288	**014a04**	AV639678	HCL002h12			6.3	8.8	7.3	1.4	0.2	1.2	0.3
5289	**141h10**	AV624815	LC083b04			9.7	9.1	7.8	1.0	0.3	1.2	0.2
5290	**154b07**	AV630832	LCL084h08			18.5	23.7	19.2	1.3	0.1	1.2	0.3
5291	**026b02**	AV628075	LCL036c11			57.8	69.1	71.0	1.3	0.4	1.2	0.6
5292	**026e04**	AV628364	LCL040f04			52.5	41.9	34.4	0.8	0.3	1.2	0.2
5293	**031g11**	BP087391	MX033e10			48.0	70.9	64.9	1.9	1.2	1.2	0.3
5294	**027d09**	AV629183	LCL053g10			13.1	9.3	7.7	0.9	0.6	1.2	0.3
5295	**008a05**	AV392653	CM062h12			8.1	14.0	11.9	1.7	0.2	1.2	0.2
5296	**148a09**	AV627816	LCL032d10			35.7	32.4	27.2	0.9	0.2	1.2	0.1
5297	**020g12**	AV621525	LC037c06			4.6	7.5	6.3	1.6	0.3	1.2	0.1
5298	**135c05**	BP383777	LC014b01			42.0	55.8	47.6	1.4	0.3	1.2	0.2
5299	**143a10**	AV625562	LC094f06			22.4	20.7	17.3	1.0	0.3	1.2	0.3
5300	**114f04**	AV389116	CM078f08			7.1	6.6	6.0	1.0	0.2	1.2	0.6
5301	**104a04**	AV395534	CL43f01			3.3	4.6	4.5	1.4	0.1	1.2	0.8
5302	**101c03**	AV393418	CL03e09			6.1	8.0	6.8	1.4	0.3	1.2	0.1
5303	**013c04**	AV638252	HC083h07			7.3	6.4	5.6	0.9	0.2	1.2	0.2
5304	**106e03**	AV386495	CM001a02			8.5	7.4	5.8	0.8	0.2	1.2	0.4
5305	**166d07**	BP095625	MXL044g10			26.2	44.3	37.9	1.8	0.6	1.2	0.3
5306	**131e04**	AV644162	HCL083b05			37.0	55.0	45.8	1.8	1.0	1.2	0.2
5307	**120a08**	AV635673	HC049d05			73.9	89.5	77.7	1.2	0.2	1.2	0.2
5308	**151c01**	AV629383	LCL057f12			6.0	5.1	4.4	0.9	0.2	1.2	0.3
5309	**135f05**	AV620090	LC017d11			4.5	5.7	4.8	1.3	0.4	1.2	0.4
5310	**121b05**	AV636858	HC065c02			15.3	19.1	17.1	1.2	0.2	1.2	0.6
5311	**026d04**	AV628305	LCL039g12			7.0	6.8	5.7	1.0	0.1	1.2	0.1
5312	**130f11**	AV643639	HCL073c02			10.0	10.6	9.0	1.1	0.0	1.2	0.2
5313	**168d06**	BP096481	MXL059d07			15.9	24.4	21.3	1.5	0.1	1.2	0.3
5314	**138h11**	AV622728	LC053f09			37.0	41.9	37.0	1.1	0.1	1.2	0.4
5315	**127h05**	AV642046	HCL044d10			11.3	11.6	12.2	1.0	0.1	1.2	0.6
5316	**117c08**	AV632467	HC008f02			3.0	3.2	2.7	1.1	0.4	1.2	0.3
5317	**036e06**	BP098322	MXL091e04			99.5	77.1	66.2	0.8	0.2	1.2	0.4
5318	**008f06**	AV388929	CM073h11			7.9	9.5	7.9	1.2	0.2	1.2	0.4
5319	**029f02**	AV630943	LCL086f09			35.3	27.1	37.8	0.8	0.1	1.2	0.8
5320	**126f05**	AV641372	HCL032e03			10.1	9.5	8.3	1.0	0.2	1.2	0.4
5321	**120e10**	AV636136	HC055f03			6.8	4.5	4.1	0.7	0.1	1.2	0.6
5322	**130e07**	AV643541	HCL071d05			19.1	20.9	18.0	1.2	0.3	1.2	0.2
5323	**025h12**	AV627953	LCL034d08			29.3	49.5	45.3	2.0	0.8	1.2	0.4
5324	**129f02**	AV642953	HCL061b05			6.6	8.2	6.9	1.3	0.1	1.2	0.1
5325	**036f12**	BP098584	MXL095h04			5.7	7.2	6.1	1.3	0.1	1.2	0.1
5326	**019a05**	AV619392	LC007g03			13.3	10.8	9.3	1.0	0.6	1.2	0.3
5327	**128c03**	AV642246	HCL048c07			5.0	5.2	4.4	1.1	0.2	1.2	0.2
5328	**141d01**	AV624426	LC077f03			12.2	11.5	10.2	0.9	0.1	1.2	0.3
5329	**031h03**	BP087413	MX034a05			17.3	17.9	15.7	1.1	0.2	1.2	0.2
5330	**118h02**	AV641036	HCL026f03			7.7	10.1	8.5	1.3	0.3	1.2	0.5
5331	**006d06**	AV389793	CM039g03			5.5	10.0	9.1	2.0	1.3	1.2	0.8
5332	**116e02**	AV392779	CM099f10			5.5	6.2	5.4	1.2	0.3	1.2	0.3
5333	**027e06**	AV629249	LCL055c02			3.8	4.5	3.9	1.2	0.3	1.2	0.4
5334	**104a10**	AV395622	CL44b08			14.2	11.8	10.5	0.8	0.1	1.2	0.5
5335	**124a11**	AV639961	HCL007h12			10.3	8.2	6.9	0.8	0.1	1.2	0.3
5336	**020g06**	AV621428	LC036a03			21.3	21.9	21.1	1.1	0.4	1.2	0.6
5337	**009e02**	AV391593	CM092c08			7.9	10.8	9.0	1.4	0.4	1.2	0.3
5338	**168f11**	BP096657	MXL062e07			99.3	100.7	92.4	1.0	0.1	1.2	0.5
5339	**120f04**	AV636234	HC056g11			7.6	10.8	8.9	1.4	0.2	1.2	0.2
5340	**003b12**	AV396235	CL58a11			76.0	69.4	60.0	0.9	0.1	1.2	0.2
5341	**120a04**	AV635654	HC049b06			4.7	24.9	21.3	5.3	1.2	1.2	0.2
5342	**111d10**	AV390723	CM047c12			10.7	20.5	17.5	2.0	0.4	1.2	0.1
5343	**105f12**	AV396713	CL67g10			4.4	3.7	3.1	0.9	0.2	1.2	0.3
5344	**108d07**	AV387258	CM018f06			4.6	4.0	3.4	0.9	0.2	1.2	0.3
5345	**024d05**	AV626527	LCL010f05			9.6	10.6	9.0	1.1	0.3	1.2	0.2
5346	**117b01**	AV632197	HC005b10			20.4	24.7	22.8	1.4	0.5	1.2	0.3
5347	**137e10**	AV621697	LC039g09			35.1	29.5	27.3	0.8	0.2	1.2	0.7

	A	B	C	D	E	F	G	H	I	J	K	L
5348	**111e04**	AV390790	CM048b11			11.7	11.0	9.3	0.9	0.1	1.2	0.2
5349	**109d10**	AV387552	CM026f05			10.7	10.4	8.9	1.0	0.3	1.2	0.1
5350	**133f01**	AV645110	HCL098d02			9.0	10.3	8.7	1.2	0.1	1.2	0.2
5351	**013c05**	AV638263	HC084a09			19.2	22.3	18.7	1.2	0.6	1.2	0.5
5352	**141b12**	AV624344	LC076d11			7.8	8.3	7.0	1.1	0.3	1.2	0.2
5353	**144g12**	AV626406	LCL008e12			15.2	13.8	12.0	0.9	0.2	1.2	0.4
5354	**021g12**	AV622943	LC056h04			4.5	7.7	6.9	1.8	0.4	1.2	0.3
5355	**114d06**	AV389670	CM076e07			4.2	4.8	4.6	1.1	0.1	1.2	0.6
5356	**136e05**	AV620732	LC026b04			8.0	7.9	6.8	1.0	0.2	1.2	0.2
5357	**132f04**	AV644772	HCL093e09			18.0	37.8	31.8	2.2	0.9	1.2	0.0
5358	**103e03**	AV395260	CL37d04			4.7	4.8	4.4	1.0	0.1	1.2	0.5
5359	**151c04**	AV629403	LCL058b05			7.3	7.3	6.2	1.2	0.7	1.2	0.2
5360	**159g05**	BP088068	MX050g05			37.2	36.2	31.1	1.0	0.5	1.2	0.7
5361	**132e11**	AV644725	HCL092h12			22.1	30.7	26.7	1.4	0.2	1.2	0.5
5362	**010a06**	AV632108	HC004a08			9.8	9.9	8.4	1.0	0.3	1.2	0.2
5363	**116f04**	AV392864	CM100f04			5.4	5.3	4.5	1.0	0.2	1.2	0.1
5364	**141b06**	AV624324	LC076b08			44.2	31.2	28.9	0.7	0.3	1.2	0.8
5365	**153e08**	AV630532	LCL080d02			8.5	8.7	7.3	1.0	0.2	1.2	0.2
5366	**130e03**	AV643512	HCL070h09			10.9	11.3	9.7	1.0	0.1	1.2	0.3
5367	**119a05**	AV634498	HC034b08			7.1	6.7	5.6	1.0	0.1	1.2	0.2
5368	**141e12**	AV624587	LC079g08			6.5	12.7	10.1	2.5	1.7	1.2	0.3
5369	**114b08**	AV388958	CM073h08			7.9	8.3	7.0	1.1	0.3	1.2	0.1
5370	**036b12**	BP097919	MXL083e09			16.6	11.7	10.1	0.7	0.1	1.2	0.2
5371	**127a02**	AV641601	HCL037b06			8.7	7.7	6.9	0.9	0.2	1.2	0.4
5372	**109d03**	AV388101	CM025e09			4.5	4.3	3.7	1.0	0.1	1.2	0.3
5373	**132d11**	AV644694	HCL092d06			20.6	17.1	14.4	0.8	0.1	1.2	0.1
5374	**147a12**	AV627384	LCL026a02			9.0	7.6	7.6	0.9	0.1	1.2	0.6
5375	**116e01**	AV393293	CM099e10			6.8	8.2	6.9	1.3	0.6	1.2	0.3
5376	**131e12**	AV644192	HCL083f07			17.9	15.6	13.2	0.9	0.1	1.2	0.1
5377	**020c03**	AV620847	LC027f06			6.5	7.5	6.3	1.2	0.4	1.2	0.4
5378	**140b06**	AV623644	LC066f11			28.6	21.8	18.3	0.8	0.1	1.2	0.2
5379	**028f04**	AV630165	LCL074f05			42.1	43.9	38.2	1.0	0.0	1.2	0.2
5380	**103g06**	AV395496	CL42a08			102.7	69.0	61.0	0.8	0.2	1.2	0.4
5381	**024f04**	AV626688	LCL013g05			37.0	35.2	29.6	1.0	0.0	1.2	0.1
5382	**109a01**	AV387803	CM023a03			3.5	5.2	4.4	1.6	0.6	1.2	0.2
5383	**149e01**	AV628504	LCL042h07			8.1	5.7	4.9	0.7	0.1	1.2	0.1
5384	**103f05**	AV395338	CL40a05			129.5	116.2	99.9	0.9	0.0	1.2	0.3
5385	**030e01**	AV631680	LCL098b03			79.5	70.6	60.3	0.9	0.1	1.2	0.1
5386	**163d02**	BP094238	MXL020a01			3.2	3.0	2.7	1.0	0.4	1.2	0.4
5387	**139d07**	AV623051	LC058c05			16.8	16.7	14.2	1.0	0.3	1.2	0.1
5388	**122c11**	AV638096	HC081h06			88.1	92.5	82.1	1.1	0.2	1.2	0.2
5389	**110e02**	AV389353	CM036b09			10.8	12.5	10.7	1.2	0.2	1.2	0.1
5390	**144c04**	AV626199	LCL004b05			7.6	6.9	5.9	1.0	0.3	1.2	0.1
5391	**143c12**	AV625680	LC096d04			110.4	125.1	109.2	1.1	0.2	1.2	0.2
5392	**133e01**	AV645068	HCL097g05			19.2	22.5	19.6	1.2	0.0	1.2	0.3
5393	**101d07**	AV393458	CL07c07			5.9	6.8	5.8	1.2	0.2	1.2	0.1
5394	**109b12**	AV388241	CM024g11			5.4	5.2	4.4	1.0	0.2	1.2	0.3
5395	**108d08**	AV387245	CM018g03			6.2	7.1	6.0	1.1	0.3	1.2	0.3
5396	**003e12**	AV396914	CL68g01			4.8	3.1	3.7	0.6	0.1	1.2	1.1
5397	**116c02**	AV393067	CM097g04			18.9	28.8	24.4	1.5	0.1	1.2	0.1
5398	**119b10**	AV634715	HC036h07			29.5	36.2	31.8	1.3	0.5	1.2	0.2
5399	**149b06**	AV628362	LCL040f02			78.3	80.7	74.0	1.1	0.1	1.2	0.3
5400	**106g01**	AV386584	CM003a01			3.6	4.7	4.1	1.3	0.2	1.2	0.3
5401	**157f12**	BP087126	MX026b01			17.7	18.7	15.8	1.2	0.6	1.2	0.2
5402	**132h11**	AV644871	HCL094h07			4.7	5.3	4.6	1.2	0.2	1.2	0.4
5403	**146g01**	AV627208	LCL022g01			38.6	32.7	29.0	0.8	0.1	1.2	0.4
5404	**117e10**	AV632816	HC013a01			32.0	19.5	16.1	0.6	0.1	1.2	0.2
5405	**123d10**	AV639582	HCL001c12			13.8	16.9	14.4	1.2	0.4	1.2	0.3
5406	**147b12**	AV627423	LCL026e01			35.8	39.3	33.3	1.3	0.6	1.2	0.1
5407	**135b06**	AV619743	LC012e07			15.7	18.3	17.2	1.2	0.6	1.2	0.7
5408	**119f01**	AV635183	HC043a01			63.9	48.3	45.6	0.8	0.2	1.2	0.6
5409	**140g11**	AV624097	LC072h08			6.1	7.7	6.4	1.3	0.4	1.2	0.1
5410	**028f07**	AV630187	LCL075a06			13.8	13.6	12.7	1.0	0.1	1.2	0.5
5411	**119a11**	AV634572	HC035b01			4.8	4.4	3.7	0.9	0.2	1.2	0.3
5412	**015b05**	AV640734	HCL021e06			1205.0	1062.9	897.2	0.9	0.1	1.2	0.1
5413	**123a03**	AV639099	HC095a02			25.6	31.4	26.8	1.2	0.1	1.2	0.1
5414	**001e10**	AV394019	CL16e07			30.7	29.8	25.4	1.0	0.2	1.2	0.4
5415	**010d09**	AV632746	HC012a11			9.0	10.8	9.5	1.2	0.0	1.2	0.2
5416	**128g07**	AV642538	HCL053e12			7.3	7.4	6.6	1.1	0.3	1.2	0.4
5417	**146d04**	AV627080	LCL020g05			15.8	39.9	34.3	2.6	0.5	1.2	0.1
5418	**146f03**	AV627165	LCL022b01			18.0	17.5	14.8	1.0	0.1	1.2	0.2
5419	**171d03**	BP097892	MXL083a08			23.9	40.5	34.2	1.7	0.2	1.2	0.2
5420	**153b10**	AV630378	LCL078a06			19.3	24.3	20.3	1.3	0.1	1.2	0.3
5421	**101d06**	AV393451	CL07b08			5.8	9.0	7.6	1.6	0.4	1.2	0.1
5422	**137f01**	AV621727	LC040b12			4.3	2.8	3.2	0.7	0.3	1.2	0.8
5423	**017b02**	AV642881	HCL059g12			5.7	6.7	5.7	1.3	0.4	1.2	0.1
5424	**137h01**	AV621909	LC042e03			18.4	19.7	18.2	1.1	0.3	1.2	0.6
5425	**116b02**	BP383685	CM096d09			6.6	5.7	5.4	1.1	0.8	1.2	0.5
5426	**129f12**	AV642997	HCL061h07			15.7	14.8	13.7	1.0	0.3	1.2	0.5
5427	**113a04**	AV392630	CM062g10			4.2	5.1	4.5	1.3	0.6	1.2	0.3
5428	**106c08**	AV397260	CL77f12			11.4	10.4	13.7	0.9	0.1	1.2	0.9
5429	**149a03**	AV628284	LCL039e11			13.1	8.3	7.2	0.7	0.1	1.2	0.2
5430	**135d01**	AV619808	LC014h06			11.7	10.8	9.3	0.9	0.2	1.2	0.4
5431	**130f12**	AV643650	HCL073d06			10.0	10.4	9.7	1.0	0.1	1.2	0.4
5432	**152a12**	AV629796	LCL066c12			13.2	14.2	14.4	1.1	0.2	1.2	0.7
5433	**006a07**	AV388882	CM033e01			8.1	10.4	8.9	1.3	0.4	1.2	0.2
5434	**147c07**	AV627463	LCL027b07			10.3	10.7	10.0	1.1	0.2	1.2	0.4
5435	**162c07**	BP093622	MXL011a12			57.0	54.7	48.5	1.0	0.6	1.2	0.8
5436	**028c05**	AV629821	LCL066g10			12.8	12.8	10.9	1.0	0.1	1.2	0.2
5437	**113d12**	AV393144	CM067h06			48.5	59.9	50.8	1.3	0.2	1.2	0.2
5438	**143h12**	BP098807	MXL099d09			13.9	18.9	16.0	1.4	0.2	1.2	0.0
5439	**108b01**	AV387475	CM016d11			96.9	159.1	142.8	1.7	0.4	1.2	0.2
5440	**153a09**	AV630300	LCL076h05			7.4	7.4	6.5	1.1	0.4	1.2	0.3
5441	**167c10**	BP095978	MXL050d08			7.0	8.4	7.2	1.3	0.5	1.2	0.1
5442	**121f04**	AV637346	HC071h12			24.1	29.6	27.1	1.2	0.1	1.2	0.4
5443	**101h11**	AV394147	CL17d06			3.2	3.7	3.4	1.2	0.2	1.2	0.4
5444	**104a02**	AV395556	CL43e04			3.1	6.1	6.1	1.9	0.3	1.2	0.8
5445	**129b06**	AV642701	HCL056c07			11.3	12.9	11.3	1.1	0.1	1.2	0.3
5446	**114g02**	AV389837	CM080b09			7.9	7.1	6.3	0.9	0.2	1.2	0.3
5447	**002f04**	AV395560	CL43h04			5.8	8.4	7.6	1.5	0.2	1.2	0.8
5448	**109h12**	AV388707	CM031e01			2.1	2.0	1.9	1.0	0.2	1.2	0.6
5449	**108d02**	AV387239	CM018b06			18.8	14.4	15.2	0.8	0.2	1.2	0.7
5450	**147b08**	AV627413	LCL026d03			26.0	24.0	20.6	0.9	0.1	1.2	0.1
5451	**019e06**	AV619986	LC015h06			3.9	3.6	3.5	1.0	0.3	1.2	0.6
5452	**170f02**	BP097491	MXL076f06			10.4	7.8	7.3	0.7	0.3	1.2	0.7
5453	**145e08**	AV626731	LCL014e10			18.4	16.9	16.2	0.9	0.1	1.2	0.6
5454	**138e04**	AV622319	LC048a12			11.5	14.8	12.8	1.3	0.2	1.2	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
5455	**147b02**	AV627386	LCL026a05			18.3	16.4	14.5	0.9	0.2	1.2	0.2
5456	**014h06**	AV640529	HCL017h04			9.2	8.7	7.6	0.9	0.4	1.2	0.6
5457	**139a06**	AV622765	LC054c02			6.4	3.8	3.5	0.7	0.4	1.2	0.4
5458	**110a11**	AV388830	CM033b05			4.6	6.0	5.3	1.3	0.3	1.2	0.4
5459	**011c05**	AV634534	HC034f07			40.7	44.1	40.6	1.1	0.1	1.2	0.5
5460	**169f06**	BP097067	MXL069e06			110.0	103.4	93.6	0.9	0.1	1.2	0.4
5461	**108a10**	AV387494	CM016b08			12.1	14.0	11.6	1.1	0.2	1.2	0.3
5462	**113a08**	AV392696	CM063b11			12.5	12.2	10.4	1.0	0.1	1.2	0.2
5463	**108h04**	AV387834	CM022d08			7.2	8.4	7.0	1.2	0.4	1.2	0.4
5464	**014f05**	AV640221	HCL012d09			21.3	27.8	25.9	1.4	0.6	1.2	0.5
5465	**115a07**	AV390434	CM083c02			161.3	195.1	167.0	1.2	0.0	1.2	0.2
5466	**150b09**	AV628908	LCL048g09			27.0	32.9	28.0	1.2	0.2	1.2	0.1
5467	**126b07**	AV641059	HCL027a11			6.0	5.2	4.4	0.9	0.3	1.2	0.4
5468	**016f12**	AV642473	HCL052d12			6.6	5.6	7.3	0.9	0.3	1.2	0.9
5469	**162d03**	BP093672	MXL011h03			13.1	14.4	12.3	1.1	0.1	1.2	0.1
5470	**121a12**	AV636799	HC064c10			11.7	8.2	7.0	0.7	0.1	1.2	0.1
5471	**102c11**	AV394317	CL20g05			19.5	25.9	22.5	1.4	0.4	1.2	0.3
5472	**108d09**	AV387265	CM018h06			19.1	16.9	14.5	0.9	0.1	1.2	0.1
5473	**116h07**	AV631997	HC002f09			5.9	6.3	5.5	1.1	0.5	1.2	0.5
5474	**167g07**	BP096188	MXL054c06			9.5	13.6	13.2	1.8	1.7	1.2	1.0
5475	**142d08**	AV625167	LC088g06			4.3	4.7	4.1	1.2	0.4	1.2	0.2
5476	**164f07**	BP094841	MXL030h02			5.5	6.5	5.7	1.2	0.2	1.2	0.3
5477	**117g01**	AV633041	HC016a02			6.0	5.6	4.8	1.0	0.4	1.2	0.1
5478	**133c11**	AV645020	HCL097a12			8.9	8.6	7.6	1.0	0.0	1.2	0.2
5479	**011a04**	AV633945	HC027c06			6.9	7.2	6.3	1.1	0.2	1.2	0.2
5480	**139c09**	AV622988	LC057e02			4.4	5.7	5.0	1.3	0.3	1.2	0.4
5481	**031d11**	BP086887	MX019e12			20.7	21.2	18.5	1.0	0.0	1.2	0.2
5482	**128f12**	AV642480	HCL052e09			15.3	19.0	16.1	1.2	0.1	1.2	0.2
5483	**024d03**	AV626515	LCL010d09			13.3	9.4	8.0	0.7	0.2	1.2	0.3
5484	**007b02**	AV391078	CM050f07			24.1	24.8	22.3	1.1	0.4	1.2	0.5
5485	**009a09**	AV390336	CM082h08			24.1	27.4	23.4	1.1	0.1	1.2	0.1
5486	**031f10**	BP087255	MX029b06			13.1	28.4	23.3	2.1	0.7	1.2	0.4
5487	**159f01**	BP087901	MX046b06			18.1	15.4	13.1	0.9	0.1	1.2	0.1
5488	**030h11**	BP086313	MX006d03			99.6	75.0	69.0	0.7	0.1	1.2	0.5
5489	**161e10**	BP093215	MXL005b03			12.5	13.4	11.2	1.1	0.4	1.2	0.3
5490	**164h01**	BP094958	MXL033d01			9.1	10.1	10.6	1.2	0.8	1.2	0.9
5491	**143b07**	BP383828	LC095d08			30.0	22.6	23.2	0.7	0.2	1.2	0.7
5492	**112d08**	AV391826	CM056f12			6.7	6.6	5.8	1.0	0.4	1.2	0.3
5493	**033g11**	BP094979	MXL033g05			41.2	32.7	33.4	0.8	0.3	1.2	0.8
5494	**139h01**	BP383804	LC063d03			180.8	160.5	149.0	0.9	0.1	1.2	0.3
5495	**011g01**	AV635337	HC045b01			51.6	45.4	38.9	0.9	0.1	1.2	0.2
5496	**144g08**	AV626375	LCL008a11			16.2	13.3	11.7	0.8	0.1	1.2	0.2
5497	**033a10**	BP093972	MXL016d11			31.4	42.6	36.5	1.4	0.1	1.2	0.1
5498	**151f05**	AV629600	LCL061g07			11.4	25.4	25.1	2.3	0.2	1.2	0.6
5499	**117f09**	AV632984	HC015b10			23.7	23.0	21.4	1.0	0.1	1.2	0.4
5500	**131b01**	AV643868	HCL077d11			26.2	26.6	23.8	1.1	0.2	1.2	0.3
5501	**134f10**	AV619459	LC008f04			10.0	14.0	12.1	1.4	0.4	1.2	0.2
5502	**158e04**	BP087656	MX040d12			6.8	11.0	9.5	1.6	0.3	1.2	0.4
5503	**128g08**	AV642541	HCL053f05			11.9	12.3	10.5	1.1	0.2	1.2	0.1
5504	**151a02**	AV629284	LCL055h05			8.7	23.0	19.5	3.4	2.3	1.2	0.3
5505	**113h03**	AV388374	CM070h12			62.3	55.1	52.9	0.9	0.1	1.2	0.6
5506	**129d12**	AV642875	HCL059f11			43.4	46.4	39.6	1.1	0.1	1.2	0.3
5507	**143d06**	AV625694	LC096e08			15.2	19.5	16.7	1.3	0.4	1.2	0.2
5508	**109e01**	AV387585	CM026h10			8.9	14.1	12.5	1.6	0.2	1.2	0.3
5509	**032h01**	BP093653	MXL011e07			3.6	5.2	5.6	1.7	0.8	1.2	0.7
5510	**101e09**	AV393693	CL10h08			120.6	90.5	80.8	0.8	0.2	1.2	0.4
5511	**157d07**	BP086885	MX019e09			48.1	51.2	44.2	1.2	0.4	1.2	0.1
5512	**141e07**	AV624562	LC079d10			7.1	8.2	7.4	1.2	0.3	1.2	0.3
5513	**109g04**	AV388409	CM029e08			5.8	8.1	7.0	1.4	0.3	1.2	0.2
5514	**103a05**	AV394750	CL30h01			16.8	24.5	21.3	1.7	0.6	1.2	0.3
5515	**145c12**	AV626618	LCL012d06			13.6	13.3	11.6	1.0	0.1	1.2	0.2
5516	**101e10**	AV393772	CL11a04			3.0	3.2	2.8	1.2	0.6	1.2	0.2
5517	**115e06**	AV391052	CM088h07			23.2	26.4	23.3	1.1	0.0	1.2	0.3
5518	**145d11**	AV626709	LCL014a12			12.5	12.6	11.6	1.0	0.2	1.2	0.4
5519	**006f03**	AV390200	CM043g09			32.1	36.0	31.1	1.2	0.5	1.2	0.1
5520	**148e12**	AV628082	LCL036d08			3.5	5.0	4.4	1.4	0.2	1.2	0.4
5521	**148d11**	AV628024	LCL035f02			38.2	39.5	35.2	1.0	0.1	1.2	0.2
5522	**132b01**	AV644466	HCL089a11			15.1	14.0	13.2	1.0	0.2	1.2	0.4
5523	**007f01**	AV392005	CM058a11			5.1	6.0	5.5	1.4	0.8	1.2	0.5
5524	**124c04**	AV640077	HCL009h08			23.9	27.5	23.9	1.2	0.2	1.2	0.2
5525	**136a02**	AV620380	LC021d08			7.9	7.8	6.7	1.0	0.1	1.2	0.0
5526	**165f02**	BP095271	MXL039b08			10.5	9.7	10.2	0.9	0.3	1.2	0.8
5527	**153h11**	AV630724	LCL083c10			4.5	4.8	4.2	1.0	0.2	1.2	0.3
5528	**110b12**	AV388992	CM034b11			5.2	5.2	4.6	1.0	0.4	1.2	0.4
5529	**114h07**	AV390024	CM082a02			31.9	30.1	26.0	0.9	0.1	1.2	0.1
5530	**110a10**	AV388816	CM033a05			8.8	8.8	7.4	1.1	0.4	1.2	0.2
5531	**121a06**	AV636623	HC062a03			4.9	4.9	4.2	1.0	0.1	1.2	0.3
5532	**012e09**	AV637056	HC068a12			10.7	10.4	8.9	1.0	0.2	1.2	0.3
5533	**133b06**	BP383767	HCL096d06			275.3	310.0	289.6	1.1	0.0	1.2	0.3
5534	**123c11**	AV639497	HC100b04			8.6	8.7	7.5	1.0	0.2	1.2	0.3
5535	**026g07**	AV628551	LCL043f06			10.2	11.0	9.8	1.1	0.2	1.2	0.3
5536	**146h04**	AV627276	LCL024c02			26.9	24.0	21.6	0.9	0.2	1.2	0.2
5537	**112a12**	AV391447	CM054e03			28.0	32.8	30.2	1.3	0.4	1.2	0.5
5538	**167c05**	BP095968	MXL050c06			7.5	11.9	10.4	1.7	0.5	1.2	0.2
5539	**157d11**	BP086898	MX019g07			5.3	7.0	6.2	1.4	0.5	1.2	0.4
5540	**113f01**	AV397385	CM068h04			10.0	13.6	11.9	1.4	0.2	1.2	0.2
5541	**008h04**	AV389098	CM078h09			15.8	18.6	16.2	1.3	0.4	1.2	0.2
5542	**139f01**	AV623223	LC060f07			7.7	5.4	4.8	0.7	0.2	1.2	0.3
5543	**115g03**	AV391465	CM090g08			5.7	7.1	6.3	1.3	0.3	1.2	0.2
5544	**117b05**	AV632269	HC006a10			6.7	6.2	5.8	1.0	0.3	1.2	0.3
5545	**124b12**	AV640056	HCL009e07			42.4	44.4	38.5	1.1	0.1	1.2	0.2
5546	**036f11**	BP098575	MXL095g03			8.8	9.1	7.7	1.1	0.2	1.2	0.2
5547	**101a04**	AV393298	CL01c12			6.9	6.6	6.3	1.0	0.1	1.2	0.7
5548	**015e03**	AV641138	HCL028d05			13.3	13.4	12.7	1.0	0.2	1.2	0.6
5549	**138h07**	AV622707	LC053c12			10.6	9.6	8.7	0.9	0.2	1.2	0.4
5550	**026h06**	AV628649	LCL045b01			6.4	7.9	7.2	1.2	0.3	1.2	0.5
5551	**146e09**	AV627144	LCL021g09			5.5	5.4	4.7	1.0	0.3	1.2	0.1
5552	**139h09**	AV623462	LC064b05			10.3	10.5	8.8	1.1	0.5	1.2	0.4
5553	**105g06**	AV396948	CL68h02			6.6	6.9	6.0	1.1	0.3	1.2	0.2
5554	**114c03**	BP383680	CM074g09			13.7	10.2	9.0	0.8	0.2	1.2	0.3
5555	**129g03**	AV643005	HCL062a04			12.9	16.0	14.0	1.2	0.1	1.2	0.2
5556	**138d11**	AV622269	LC047d06			16.3	14.1	12.5	0.9	0.3	1.2	0.4
5557	**106a07**	AV396478	CL74b04			13.7	13.0	11.4	1.0	0.1	1.2	0.1
5558	**140e02**	BP383809	LC069e04			45.5	44.1	37.9	1.0	0.4	1.2	0.1
5559	**004d12**	AV386759	CM008f04			12.2	11.3	9.9	0.9	0.1	1.2	0.4
5560	**007b09**	AV391281	CM052e07			24.3	24.9	22.5	1.0	0.1	1.2	0.4
5561	**168e09**	BP096573	MXL061a01			6.9	8.6	7.6	1.3	0.2	1.2	0.3

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5562	**159c08**	BP087763	MX043b05			29.3	29.8	26.2	1.0	0.3	1.2	0.4
5563	**123g03**	AV639751	HCL004d07			7.7	7.8	6.7	1.1	0.3	1.2	0.1
5564	**139b12**	AV622894	LC056b11			13.5	12.8	11.1	0.9	0.1	1.2	0.3
5565	**112e09**	AV391973	CM057g12			40.8	53.4	46.2	1.3	0.2	1.2	0.1
5566	**001a12**	AV393416	CL03f05			4.9	4.9	4.3	1.1	0.5	1.2	0.3
5567	**134f04**	AV619435	LC008d01			14.2	16.4	14.4	1.2	0.3	1.2	0.2
5568	**101g01**	AV393898	CL13d03			3.8	7.1	6.0	1.8	0.4	1.2	0.2
5569	**019d10**	AV619778	LC014f11			4.0	5.3	5.4	1.4	0.3	1.2	0.8
5570	**157f04**	BP087092	MX025a02			51.2	41.6	35.5	0.8	0.1	1.2	0.1
5571	**021h08**	AV623088	LC058g06			13.5	12.9	11.3	1.0	0.3	1.2	0.1
5572	**139a03**	AV622761	LC054b07			12.6	8.0	6.9	0.7	0.1	1.2	0.1
5573	**133e07**	AV645091	HCL098b03			20.4	23.5	20.9	1.2	0.2	1.2	0.3
5574	**152a07**	AV629769	LCL065g04			18.8	30.1	25.9	1.6	0.1	1.2	0.1
5575	**106f01**	AV386465	CM001g04			43.5	48.5	45.3	1.3	0.5	1.2	0.3
5576	**126d12**	AV641279	HCL030h10			770.3	760.2	630.7	1.0	0.2	1.2	0.3
5577	**002b02**	AV394751	CL30g05			4.6	10.2	10.7	2.7	1.9	1.2	0.8
5578	**018d05**	AV644501	HCL089f04			12.2	13.5	12.3	1.1	0.3	1.2	0.4
5579	**107b02**	AV386803	CM007b05			7.2	7.1	6.2	1.0	0.3	1.2	0.2
5580	**120b12**	AV635892	HC052c11			10.8	9.9	8.7	0.9	0.1	1.2	0.2
5581	**036g05**	BP098633	MXL096f02			13.7	15.0	15.2	1.1	0.1	1.2	0.4
5582	**110f02**	AV389508	CM037c09			10.2	8.6	8.3	0.8	0.1	1.2	0.7
5583	**110d06**	AV389243	CM035g06			3.7	4.2	3.6	1.2	0.4	1.2	0.1
5584	**146f11**	BP383838	LCL022d03			35.4	37.7	33.6	1.1	0.2	1.2	0.3
5585	**162e03**	BP093751	MXL013b03			6.6	7.2	6.4	1.1	0.2	1.2	0.2
5586	**113f09**	AV387599	CM069e05			4.0	4.5	3.9	1.2	0.4	1.2	0.2
5587	**111c06**	AV390363	CM045e02			103.5	121.8	105.1	1.2	0.3	1.2	0.1
5588	**139g05**	AV623362	LC062f08			4.8	6.7	5.9	1.4	0.8	1.2	0.7
5589	**150b07**	AV628894	LCL048f01			10.9	16.2	14.0	1.5	0.1	1.2	0.2
5590	**168f09**	BP096655	MXL062e05			12.8	12.8	11.0	1.1	0.6	1.2	0.2
5591	**130e09**	AV643554	HCL071f04			32.9	25.7	22.4	0.8	0.1	1.2	0.1
5592	**112h03**	AV392348	CM061a12			6.5	9.5	8.2	1.5	0.1	1.2	0.1
5593	**013a06**	AV637793	HC077e10			4.2	4.1	3.7	1.0	0.3	1.2	0.3
5594	**143d01**	AV625681	LC096d05			7.4	5.4	4.6	0.7	0.1	1.2	0.1
5595	**152b03**	AV629806	LCL066e03			31.9	32.4	28.6	1.0	0.2	1.2	0.1
5596	**118h05**	BP383698	HC032a07			65.8	59.8	56.5	0.9	0.2	1.2	0.4
5597	**147d12**	AV627548	LCL028d01			16.4	18.4	16.1	1.2	0.3	1.2	0.1
5598	**104b08**	AV397786	CL45d05			3.4	3.5	3.3	1.0	0.1	1.2	0.5
5599	**017c02**	AV643012	HCL062b11			10.8	12.5	11.2	1.2	0.2	1.2	0.2
5600	**137f09**	BP383792	LC040h01			9.1	13.3	11.5	1.5	0.4	1.2	0.2
5601	**136g09**	AV620906	LC028d08			5.6	7.1	6.2	1.3	0.3	1.2	0.3
5602	**108b04**	AV387502	CM016g12			14.9	15.2	13.2	1.0	0.1	1.2	0.1
5603	**130b06**	AV643263	HCL066e06			15.1	16.4	14.7	1.1	0.1	1.2	0.2
5604	**149a05**	AV628293	LCL039f10			10.4	8.2	7.1	0.8	0.2	1.2	0.1
5605	**109f02**	AV387725	CM027h05			36.9	32.4	33.5	0.9	0.4	1.2	0.9
5606	**020h04**	AV621562	LC037h01			8.2	7.5	6.8	0.9	0.1	1.2	0.3
5607	**020f11**	AV621362	LC035a05			8.2	8.7	7.5	1.1	0.2	1.2	0.1
5608	**011f01**	AV635184	HC043a03			10.0	13.2	11.7	1.4	0.5	1.2	0.5
5609	**023d05**	AV625077	LC087e08			150.3	140.6	141.0	0.9	0.0	1.2	0.6
5610	**134h01**	AV619552	LC009h06			8.8	6.5	5.7	0.8	0.4	1.2	0.4
5611	**016h01**	AV642629	HCL055a07			34.3	42.0	38.3	1.3	0.3	1.2	0.3
5612	**005c10**	AV387867	CM022c01			304.5	317.3	273.7	1.1	0.1	1.2	0.1
5613	**019e01**	AV619954	LC015e05			47.2	28.3	23.2	0.6	0.3	1.2	0.4
5614	**026a10**	AV628066	LCL036b09			13.8	10.7	11.3	0.8	0.1	1.2	0.7
5615	**136a05**	AV620395	LC021f04			9.0	7.6	6.8	0.9	0.2	1.2	0.5
5616	**024c04**	AV626444	LCL009b09			5.1	4.5	3.9	0.9	0.1	1.2	0.1
5617	**105a07**	AV396114	CL56g06			12.6	11.2	9.8	0.9	0.1	1.2	0.1
5618	**121e06**	AV637229	HC070d08			6.8	8.1	6.9	1.2	0.3	1.2	0.3
5619	**029b10**	AV630660	LCL082c05			4.3	3.0	2.6	0.7	0.4	1.2	0.5
5620	**022d09**	AV623802	LC068h02			11.9	12.3	11.1	1.1	0.2	1.2	0.3
5621	**007a09**	AV391030	CM049h01			5.8	6.8	6.0	1.2	0.1	1.2	0.3
5622	**025a08**	AV627034	LCL020b06			12.8	12.4	11.0	1.0	0.2	1.2	0.3
5623	**019c05**	AV619898	LC013a09			17.2	27.1	26.2	1.7	0.6	1.2	0.3
5624	**113g02**	AV389311	CM070b02			12.5	12.7	12.2	1.1	0.2	1.2	0.5
5625	**169d01**	BP096925	MXL067b10			11.2	9.8	8.6	0.9	0.2	1.2	0.2
5626	**113a06**	AV392665	CM063b07			65.5	90.9	77.6	1.4	0.2	1.2	0.2
5627	**107c02**	AV386746	CM008b02			3.9	5.4	4.7	1.4	0.1	1.2	0.1
5628	**031c01**	BP086652	MX013g03			118.7	87.6	76.0	0.8	0.1	1.2	0.0
5629	**015h02**	AV641458	HCL034a06			21.2	19.5	18.9	0.9	0.1	1.2	0.5
5630	**116e11**	AV393231	CM100b11			7.3	4.5	4.0	0.7	0.1	1.2	0.4
5631	**115h03**	AV391667	CM092f11			18.1	20.5	18.0	1.2	0.2	1.2	0.1
5632	**029d01**	AV630789	LCL084d02			1.6	1.2	1.1	0.8	0.4	1.2	0.3
5633	**139f03**	AV623235	LC060g11			13.6	13.1	13.1	1.0	0.2	1.2	0.5
5634	**023c03**	AV624869	LC083h01			7.4	7.0	6.3	1.0	0.2	1.2	0.3
5635	**129b08**	AV642706	HCL056d09			8.7	10.7	9.7	1.3	0.2	1.2	0.3
5636	**014a12**	AV639725	HCL003g11			10.7	14.5	12.7	1.4	0.8	1.2	0.5
5637	**010f06**	AV633217	HC018b09			99.5	128.1	111.7	1.3	0.1	1.2	0.1
5638	**001e05**	AV393980	CL15a05			5.4	6.9	6.5	1.4	0.6	1.2	0.4
5639	**021f05**	AV622640	LC052c11			13.2	15.0	13.4	1.2	0.2	1.2	0.3
5640	**112a11**	AV391439	CM054e01			14.8	11.6	10.2	0.9	0.3	1.2	0.1
5641	**024d12**	AV626582	LCL011h02			7.1	6.6	5.8	0.9	0.3	1.2	0.3
5642	**111a07**	AV390145	CM042f08			11.7	16.1	14.9	1.4	0.1	1.2	0.4
5643	**032f02**	BP093484	MXL009a08			13.8	10.5	12.0	0.8	0.1	1.2	0.7
5644	**119a06**	AV634502	HC034c05			9.4	14.8	12.8	1.7	0.7	1.2	0.1
5645	**165g03**	BP095333	MXL040b02			11.0	6.8	7.3	0.6	0.2	1.2	0.8
5646	**026a05**	AV628006	LCL035c01			31.8	24.4	21.7	0.8	0.2	1.1	0.3
5647	**001c08**	AV393503	CL08g05			4.9	5.5	4.9	1.1	0.2	1.1	0.2
5648	**101f04**	AV393812	CL12a02			8.6	7.4	6.5	0.9	0.3	1.1	0.2
5649	**130c01**	AV643309	HCL067d02			14.8	16.2	14.2	1.1	0.2	1.1	0.1
5650	**159e07**	BP087832	MX044e12			7.2	9.7	8.8	1.3	0.3	1.1	0.5
5651	**028d05**	AV629900	LCL068f03			15.3	27.0	24.0	1.8	0.4	1.1	0.1
5652	**019c12**	AV619862	LC013e08			151.8	132.1	120.1	0.9	0.1	1.1	0.4
5653	**145b03**	AV626521	LCL010e08			11.0	8.7	7.6	0.8	0.2	1.1	0.2
5654	**004c05**	AV386665	CM004g04			30.1	38.4	38.0	1.3	0.1	1.1	0.6
5655	**006h03**	AV390600	CM047a10			9.6	10.7	9.4	1.2	0.3	1.1	0.1
5656	**143d11**	AV625710	LC096g06			16.3	16.5	14.8	1.0	0.1	1.1	0.3
5657	**146c11**	AV627068	LCL020e12			9.3	8.5	7.5	0.9	0.0	1.1	0.3
5658	**120f06**	AV636245	HC057a03			6.3	6.1	5.6	1.0	0.3	1.1	0.5
5659	**111h09**	AV391270	CM052d09			34.5	47.8	42.1	1.4	0.3	1.1	0.2
5660	**144c02**	AV626183	LCL003g07			28.9	27.9	24.4	1.0	0.1	1.1	0.1
5661	**149f04**	AV628550	LCL043f04			7.9	9.0	8.0	1.2	0.3	1.1	0.2
5662	**123d05**	AV639545	HC100g08			9.7	8.9	7.9	0.9	0.3	1.1	0.4
5663	**013e03**	AV638801	HC091a03			9.0	10.2	8.8	1.2	0.4	1.1	0.2
5664	**144e05**	AV626270	LCL005f01			33.6	59.5	56.1	1.8	0.6	1.1	0.3
5665	**102a05**	AV394098	CL17f11			2.2	2.9	2.6	1.3	0.1	1.1	0.3
5666	**109g11**	AV388482	CM029h04			51.2	65.3	58.7	1.3	0.2	1.1	0.4
5667	**002f06**	AV395598	CL44e11			8.9	13.2	11.6	1.5	0.3	1.1	0.2
5668	**171h01**	BP098113	MXL087c10			3.3	5.5	4.6	1.4	0.8	1.1	1.0

	A	B	C	D	E	F	G	H	I	J	K	L
5669	**142d03**	AV625119	LC088b05			27.1	32.8	29.6	1.2	0.1	1.1	0.3
5670	**133a03**	AV644874	HCL094h12			8.3	9.7	8.5	1.2	0.1	1.1	0.2
5671	**111e12**	AV390890	CM048f11			7.2	8.1	7.2	1.2	0.3	1.1	0.2
5672	**101g04**	AV393876	CL14a06			3.5	4.0	3.3	1.1	0.3	1.1	0.3
5673	**165b08**	BP095109	MXL035h12			63.4	87.3	78.8	1.4	0.1	1.1	0.2
5674	**029h03**	AV631157	LCL089f04			3.9	4.4	4.1	1.1	0.2	1.1	0.3
5675	**133h10**	AV645290	HCL100f11			13.5	12.9	11.5	1.0	0.2	1.1	0.4
5676	**022h03**	AV624322	LC076b04			74.5	53.5	48.5	0.7	0.1	1.1	0.5
5677	**130g11**	AV643712	HCL074f06			19.8	26.0	23.2	1.4	0.4	1.1	0.3
5678	**018c11**	AV644419	HCL088b08			4.1	9.2	8.2	2.3	0.2	1.1	0.2
5679	**124f05**	AV640210	HCL012b12			37.6	27.3	26.7	0.7	0.2	1.1	0.6
5680	**168c10**	BP096396	MXL058b02			20.1	19.8	17.6	1.0	0.3	1.1	0.4
5681	**120b07**	AV635809	HC051c06			12.1	14.7	13.0	1.2	0.3	1.1	0.5
5682	**026g02**	AV628520	LCL043b10			16.2	11.9	10.6	0.8	0.2	1.1	0.2
5683	**140c08**	AV623730	LC067h05			11.0	9.0	8.6	0.8	0.1	1.1	0.4
5684	**129c12**	AV642799	HCL058c05			30.0	32.6	28.7	1.1	0.1	1.1	0.2
5685	**153h01**	AV630674	LCL082e06			47.3	41.6	36.1	0.9	0.2	1.1	0.2
5686	**122e06**	AV638495	HC087b01			8.8	8.1	7.0	0.9	0.2	1.1	0.3
5687	**118e09**	AV633912	HC026g12			45.3	44.7	40.2	1.0	0.1	1.1	0.2
5688	**146h09**	AV627296	LCL024e09			24.4	31.2	27.0	1.3	0.5	1.1	0.4
5689	**121f08**	AV637359	HC072b06			145.1	123.9	112.2	0.9	0.4	1.1	0.2
5690	**159f04**	BP087943	MX047e06			9.1	10.9	9.8	1.2	0.2	1.1	0.3
5691	**102d04**	AV394246	CL22a08			12.2	13.5	12.4	1.1	0.2	1.1	0.3
5692	**032e12**	BP093473	MXL008h04			6.2	6.4	5.7	1.1	0.2	1.1	0.1
5693	**014g03**	AV640363	HCL015a01			9.5	12.0	11.0	1.3	0.3	1.1	0.3
5694	**152h03**	AV630220	LCL075f01			5.2	4.6	4.0	0.9	0.1	1.1	0.1
5695	**115h01**	AV391663	CM092c12			4.9	6.2	5.5	1.3	0.5	1.1	0.3
5696	**148b05**	AV627851	LCL032h09			11.9	10.8	9.6	0.9	0.2	1.1	0.2
5697	**011b03**	AV634302	HC031f08			4.4	3.5	3.1	0.8	0.1	1.1	0.2
5698	**005b03**	AV387336	CM019f11			22.3	28.7	25.4	1.4	0.5	1.1	0.3
5699	**166c04**	BP095538	MXL043e03			189.1	321.7	313.3	1.7	0.3	1.1	0.5
5700	**136c05**	AV620606	LC024c09			11.1	8.3	7.4	0.8	0.4	1.1	0.6
5701	**166f12**	BP095735	MXL046e12			12.6	13.1	11.3	1.2	0.7	1.1	0.2
5702	**130a10**	AV643235	HCL066b03			22.0	23.6	20.9	1.1	0.1	1.1	0.2
5703	**002a02**	AV394800	CL28a01			16.1	29.9	31.2	1.9	0.4	1.1	0.5
5704	**116f08**	AV397968	CS001b12			10.1	5.8	5.6	0.6	0.2	1.1	0.5
5705	**018a09**	AV644121	HCL082c10			5.5	9.2	8.5	1.8	0.6	1.1	0.4
5706	**027a12**	AV628811	LCL047d12			7.7	5.6	6.4	0.7	0.1	1.1	0.7
5707	**030f05**	AV631831	LCL100e08			13.4	12.3	11.2	1.0	0.2	1.1	0.3
5708	**011g09**	AV635502	HC047b05			8.2	20.1	16.2	2.3	0.9	1.1	0.4
5709	**017g07**	AV643668	HCL073h01			8.4	9.7	8.7	1.2	0.1	1.1	0.4
5710	**003d02**	AV396368	CL60c11			2.4	3.6	3.2	1.6	0.8	1.1	0.3
5711	**110e10**	AV389473	CM037a07			8.7	12.2	10.6	1.4	0.0	1.1	0.2
5712	**139h03**	AV623422	LC063e11			25.3	23.2	21.3	0.9	0.1	1.1	0.4
5713	**140b09**	AV623661	LC066h09			10.9	12.1	11.6	1.2	0.7	1.1	0.5
5714	**137a12**	AV621210	LC032g05			32.1	25.6	22.7	0.8	0.1	1.1	0.1
5715	**001f04**	AV394043	CL18b06			3.0	3.5	3.2	1.3	0.4	1.1	0.3
5716	**155h01**	AV631631	LCL097c07			6.9	7.2	7.7	0.9	0.4	1.1	1.0
5717	**028b09**	AV629707	LCL064b06			18.5	16.5	15.2	0.9	0.2	1.1	0.4
5718	**112g08**	AV392306	CM060f11			14.3	13.6	11.8	1.0	0.1	1.1	0.2
5719	**141g09**	AV624750	LC082b04			36.8	36.5	31.9	1.0	0.2	1.1	0.0
5720	**007d02**	AV391479	CM054h03			6.9	10.6	9.6	2.1	1.5	1.1	0.3
5721	**101c02**	AV393403	CL03e06			38.3	58.1	50.3	1.5	0.4	1.1	0.1
5722	**124f03**	AV640204	HCL012b03			11.7	12.6	11.3	1.1	0.3	1.1	0.4
5723	**134d06**	AV619217	LC005c08			9.3	14.3	12.5	1.5	0.2	1.1	0.1
5724	**011d09**	AV634864	HC039a01			190.6	220.3	193.4	1.2	0.1	1.1	0.2
5725	**114g06**	AV390535	CM080f03			8.3	7.2	7.5	0.9	0.1	1.1	0.5
5726	**135d02**	AV619809	LC014h07			34.1	19.1	19.1	0.5	0.3	1.1	0.9
5727	**018a12**	AV644132	HCL082e10			28.6	19.3	23.2	0.7	0.2	1.1	0.7
5728	**148d01**	AV627972	LCL034f10			12.7	14.0	12.3	1.1	0.2	1.1	0.0
5729	**125h04**	AV640832	HCL023b02			11.4	8.4	7.4	0.7	0.1	1.1	0.2
5730	**014d02**	AV639944	HCL007f12			11.8	14.0	15.1	1.2	0.2	1.1	0.5
5731	**149b10**	AV628384	LCL041a01			13.9	14.6	13.6	1.1	0.1	1.1	0.3
5732	**137h02**	AV621920	LC042f06			19.0	17.3	15.3	0.9	0.3	1.1	0.2
5733	**020h03**	AV621552	LC037f12			32.2	36.8	33.6	1.2	0.2	1.1	0.3
5734	**108d12**	AV387351	CM019d11			17.7	17.5	16.3	1.0	0.1	1.1	0.4
5735	**141g04**	AV624716	LC081f04			19.3	18.1	16.0	0.9	0.0	1.1	0.1
5736	**134c01**	AV619098	LC003g03			11.5	10.0	9.3	0.9	0.1	1.1	0.3
5737	**116g11**	AV631931	HC001h01			44.6	52.2	45.6	1.2	0.2	1.1	0.1
5738	**021c01**	AV622099	LC045a05			401.0	319.7	282.6	0.8	0.0	1.1	0.1
5739	**143d05**	AV625692	LC096e06			7.5	7.1	6.6	1.0	0.2	1.1	0.2
5740	**111f05**	AV390938	CM049b04			4.9	5.7	5.1	1.2	0.0	1.1	0.2
5741	**120h04**	BP383707	HC060b08			10.4	7.6	6.7	0.8	0.1	1.1	0.1
5742	**105f10**	AV396701	CL67f03			9.0	7.6	6.7	0.9	0.1	1.1	0.1
5743	**103a06**	AV395038	CL31a05			13.8	19.2	17.5	1.4	0.2	1.1	0.6
5744	**171h06**	BP098148	MXL088b08			20.8	39.5	31.8	2.1	1.7	1.1	0.6
5745	**127b08**	AV641669	HCL038d09			10.8	13.0	11.5	1.3	0.5	1.1	0.2
5746	**002e12**	AV395472	CL42h04			3.3	4.2	4.1	1.3	1.2	1.1	1.0
5747	**148a04**	AV627780	LCL031h08			24.1	19.1	17.0	0.8	0.1	1.1	0.1
5748	**030b09**	AV631454	LCL094c08			7.0	4.9	4.5	0.7	0.2	1.1	0.3
5749	**172d01**	BP098340	MXL091g08			6.9	8.2	7.5	1.2	0.1	1.1	0.3
5750	**125h10**	AV640859	HCL023f04			7.2	7.6	6.7	1.1	0.2	1.1	0.2
5751	**014a01**	AV639662	HCL002f06			9.8	13.6	12.0	1.4	0.4	1.1	0.3
5752	**032a02**	BP087566	MX037f02			12.3	7.6	6.9	0.6	0.1	1.1	0.3
5753	**101a12**	AV393354	CL01g01			5.4	8.6	8.2	1.8	0.5	1.1	0.6
5754	**152b07**	AV629820	LCL066g07			15.3	15.1	13.3	1.0	0.1	1.1	0.1
5755	**115e04**	AV391084	CM088g03			15.1	18.7	16.1	1.3	0.6	1.1	0.2
5756	**008f12**	AV389438	CM075d05			6.4	4.0	4.0	0.7	0.2	1.1	0.6
5757	**134a06**	AV618913	LC001c07			7.2	6.3	5.7	0.9	0.1	1.1	0.4
5758	**134f02**	AV619408	LC007h12			12.5	14.8	13.0	1.2	0.2	1.1	0.1
5759	**140e09**	BP383810	LC070c12			12.0	10.8	9.9	0.9	0.2	1.1	0.3
5760	**021b12**	AV622092	LC044h06			496.5	439.5	398.1	0.9	0.1	1.1	0.2
5761	**147c12**	AV627492	LCL027e11			14.4	11.4	10.0	0.8	0.2	1.1	0.2
5762	**118d05**	AV633719	HC024d07			63.9	71.0	62.7	1.1	0.1	1.1	0.2
5763	**116d09**	AV393258	CM099c06			61.4	62.7	56.5	1.0	0.1	1.1	0.3
5764	**007h11**	AV392544	CM062d03			7.5	8.6	8.0	1.1	0.3	1.1	0.7
5765	**007f12**	AV392189	CM058h08			5.6	6.5	5.9	1.2	0.4	1.1	0.3
5766	**144b10**	AV626170	LCL003e08			10.2	13.0	12.4	1.3	0.3	1.1	0.6
5767	**108e08**	AV397450	CM020c02			56.4	39.6	36.3	0.7	0.1	1.1	0.3
5768	**013e10**	AV638891	HC092b07			18.9	23.1	20.4	1.5	0.8	1.1	0.1
5769	**161d01**	BP093085	MXL003b09			20.9	20.0	19.9	1.0	0.2	1.1	0.5
5770	**146c02**	AV627035	LCL020b07			5.1	4.2	4.2	0.9	0.3	1.1	0.5
5771	**025f07**	AV627677	LCL030d08			56.9	41.1	40.5	0.7	0.1	1.1	0.6
5772	**012h01**	AV637521	HC074b06			9.3	8.6	7.6	1.0	0.4	1.1	0.1
5773	**123c09**	AV639470	HC099g07			13.2	10.7	10.1	0.8	0.1	1.1	0.4
5774	**110h03**	AV389895	CM040d06			9.3	13.4	11.9	1.4	0.1	1.1	0.1
5775	**146g03**	AV627222	LCL022h11			9.7	9.8	8.8	1.0	0.1	1.1	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
5776	**157f06**	BP087094	MX025a07			61.0	56.3	49.4	0.9	0.1	1.1	0.2
5777	**109h05**	AV388633	CM030g09			13.5	14.4	12.7	1.1	0.4	1.1	0.2
5778	**111h03**	AV391205	CM051g03			8.3	8.2	7.3	1.0	0.1	1.1	0.2
5779	**033d10**	BP094376	MXL022c01			4.3	4.2	3.9	1.0	0.3	1.1	0.3
5780	**022b12**	AV623508	LC064g12			14.3	16.0	14.2	1.2	0.4	1.1	0.1
5781	**145h11**	AV626922	LCL018b06			18.5	32.9	29.0	2.0	0.6	1.1	0.1
5782	**120c11**	AV635943	HC053a12			11.7	13.6	12.2	1.2	0.1	1.1	0.3
5783	**117a03**	AV632079	HC003f05			6.0	7.9	7.0	1.5	0.7	1.1	0.1
5784	**138h06**	AV622692	LC053b05			40.2	28.7	29.7	0.7	0.2	1.1	0.7
5785	**170e04**	BP097440	MXL075g02			9.5	9.1	8.0	1.0	0.5	1.1	0.2
5786	**021e02**	AV622391	LC049a11			48.2	46.4	40.3	0.9	0.1	1.1	0.4
5787	**025c12**	AV627265	LCL024a05			6.8	7.1	6.7	1.0	0.1	1.1	0.5
5788	**005g01**	AV388024	CM028c04			9.6	10.4	9.2	1.2	0.4	1.1	0.0
5789	**026c04**	AV628222	LCL038f08			29.9	17.5	16.5	0.6	0.1	1.1	0.4
5790	**131c09**	AV644022	HCL080d06			29.6	30.2	27.1	1.0	0.2	1.1	0.1
5791	**130g08**	AV643692	HCL074c07			14.1	17.4	15.2	1.3	0.3	1.1	0.1
5792	**136c08**	AV620623	LC024e07			38.3	25.7	24.2	0.7	0.1	1.1	0.3
5793	**138d02**	AV622221	LC046g05			16.9	11.3	10.2	0.7	0.2	1.1	0.4
5794	**112d05**	AV391805	CM056d06			9.5	12.2	11.1	1.3	0.3	1.1	0.2
5795	**110a07**	AV388789	CM032d06			4.5	5.7	5.0	1.3	0.2	1.1	0.2
5796	**140b08**	AV623655	LC066g12			12.9	11.3	10.3	0.9	0.1	1.1	0.2
5797	**127b09**	AV641672	HCL038e02			16.3	19.4	17.6	1.2	0.3	1.1	0.4
5798	**120b02**	AV635746	HC050d05			43.4	48.1	46.0	1.1	0.2	1.1	0.3
5799	**112a05**	AV391380	CM053f06			9.6	10.7	10.3	1.1	0.2	1.1	0.4
5800	**154g03**	AV631110	LCL089a02			14.1	13.8	12.1	1.0	0.1	1.1	0.1
5801	**031c07**	BP086682	MX014c10			9.7	8.3	7.3	0.8	0.1	1.1	0.2
5802	**034b08**	BP095367	MXL040g01			6.0	9.2	8.0	1.5	0.3	1.1	0.2
5803	**154g10**	AV631156	LCL089f03			8.8	10.6	9.7	1.2	0.6	1.1	0.7
5804	**156f04**	BP086233	MX004f12			7.9	8.8	7.6	1.1	0.5	1.1	0.3
5805	**030g11**	BP086198	MX003h03			12.0	10.8	9.7	0.9	0.2	1.1	0.3
5806	**016d01**	AV642041	HCL044d02			2.9	4.4	4.0	1.6	0.5	1.1	0.2
5807	**002g12**	AV397751	CL49h07			5.8	7.6	6.6	1.2	0.5	1.1	0.6
5808	**035f12**	BP097307	MXL073d08			26.3	32.7	27.8	1.2	0.2	1.1	0.3
5809	**031a06**	BP086391	MX007g11			10.4	8.8	8.2	0.9	0.2	1.1	0.3
5810	**110d12**	AV389349	CM036b01			37.3	40.8	36.9	1.1	0.1	1.1	0.2
5811	**129c02**	AV642751	HCL057b11			32.7	33.2	30.9	1.0	0.0	1.1	0.4
5812	**110d01**	AV389192	CM035e04			7.7	12.7	11.3	1.7	0.2	1.1	0.1
5813	**023b05**	AV624701	LC081d08			36.7	35.4	31.2	1.0	0.3	1.1	0.1
5814	**139b09**	AV622873	LC055h03			2.9	2.9	2.6	1.0	0.4	1.1	0.3
5815	**003a03**	AV395884	CL52g04			2.8	3.0	2.8	1.2	0.6	1.1	0.4
5816	**114b11**	AV388978	CM074a11			29.1	24.6	21.9	0.9	0.1	1.1	0.1
5817	**110f07**	AV389661	CM038h04			55.5	54.7	49.0	1.0	0.1	1.1	0.1
5818	**124g11**	AV640286	HCL013f12			18.8	20.3	18.0	1.1	0.1	1.1	0.1
5819	**019c03**	AV619758	LC012g02			5.9	5.4	4.8	1.0	0.3	1.1	0.1
5820	**154f10**	AV631077	LCL088d11			8.4	7.2	8.1	0.9	0.2	1.1	0.8
5821	**146a01**	AV626932	LCL018c12			12.7	9.0	8.4	0.7	0.1	1.1	0.3
5822	**111f04**	AV390933	CM049b02			16.3	11.2	10.7	0.8	0.3	1.1	0.5
5823	**006b04**	AV389152	CM035c09			4.4	4.8	4.4	1.2	0.5	1.1	0.3
5824	**142h03**	AV625491	LC093f01			30.5	24.8	23.8	0.8	0.1	1.1	0.3
5825	**153a06**	BP098832	MXL099h08			18.3	13.7	12.9	0.8	0.2	1.1	0.5
5826	**120f12**	AV636334	HC058b03			6.0	5.0	4.5	0.9	0.2	1.1	0.3
5827	**127h09**	AV642061	HCL044h07			5.2	5.9	5.2	1.1	0.1	1.1	0.1
5828	**133c01**	AV644989	HCL096f03			7.8	6.7	6.1	0.9	0.4	1.1	0.4
5829	**131f01**	AV644194	HCL083f09			15.7	13.7	12.4	0.9	0.3	1.1	0.2
5830	**148h06**	AV628233	LCL038g10			13.3	14.1	12.2	1.0	0.3	1.1	0.3
5831	**145g03**	AV626828	LCL016b05			41.7	39.4	38.7	1.0	0.3	1.1	0.5
5832	**103d04**	AV395096	CL35h08			16.9	14.5	13.1	0.9	0.1	1.1	0.1
5833	**152h11**	AV630254	LCL076b09			5.7	5.7	5.6	1.1	0.4	1.1	0.6
5834	**103h10**	AV395519	CL43c02			5.0	5.2	4.7	1.1	0.1	1.1	0.2
5835	**033b05**	BP094110	MXL018c10			35.0	32.9	31.4	1.0	0.2	1.1	0.3
5836	**113a01**	AV392612	CM062g02			10.6	16.0	14.6	1.6	0.5	1.1	0.2
5837	**032d09**	BP093276	MXL006a05			41.5	56.1	50.5	1.5	0.5	1.1	0.1
5838	**107c06**	AV386704	CM008e01			9.5	10.8	9.6	1.2	0.3	1.1	0.1
5839	**029a12**	AV630589	LCL081b09			4.9	4.1	3.6	0.9	0.3	1.1	0.1
5840	**011b11**	AV634474	HC033h03			6.0	6.9	6.3	1.2	0.3	1.1	0.3
5841	**034g04**	BP096191	MXL054c10			16.1	8.8	8.7	0.6	0.2	1.1	0.5
5842	**008a12**	AV392830	CM064f04			12.9	11.6	11.3	1.0	0.4	1.1	0.5
5843	**104a12**	AV395587	CL44e02			71.2	96.7	87.1	1.4	0.2	1.1	0.5
5844	**111b07**	AV390211	CM044b10			5.0	5.8	5.2	1.2	0.2	1.1	0.2
5845	**107a04**	AV386872	CM005e05			5.0	4.8	4.4	1.1	0.3	1.1	0.4
5846	**107b11**	AV386846	CM007g10			4.9	5.1	4.5	1.0	0.2	1.1	0.1
5847	**025a04**	AV626962	LCL018h12			10.5	10.4	9.1	1.0	0.3	1.1	0.2
5848	**104c01**	AV397808	CL45h10			6.0	8.7	8.3	1.4	0.2	1.1	0.5
5849	**112c03**	AV391636	CM055d11			26.8	31.2	28.0	1.2	0.1	1.1	0.1
5850	**001a04**	AV393313	CL01h01			3.6	6.8	6.2	2.0	0.8	1.1	0.3
5851	**118g04**	AV634157	HC029h12			4.9	5.2	4.6	1.0	0.2	1.1	0.1
5852	**031g08**	BP087348	MX032e12			7.9	8.1	7.5	1.0	0.1	1.1	0.2
5853	**131h03**	AV644337	HCL086f02			16.2	16.3	15.6	1.0	0.1	1.1	0.3
5854	**016a02**	AV641578	HCL036f06			12.1	7.7	7.0	0.7	0.3	1.1	0.4
5855	**135c09**	AV619831	LC014c10			38.9	35.0	32.0	0.9	0.1	1.1	0.2
5856	**137b02**	AV621219	LC032h05			28.1	24.0	21.5	0.8	0.2	1.1	0.4
5857	**005d12**	AV388234	CM024f03			3.9	5.5	5.1	1.4	0.4	1.1	0.6
5858	**006e12**	AV390146	CM042g08			6.2	7.6	6.9	1.2	0.7	1.1	0.7
5859	**132a10**	AV644449	HCL088g06			12.8	12.1	10.8	0.9	0.0	1.1	0.2
5860	**026g08**	AV628552	LCL043f07			6.2	6.4	5.7	1.1	0.2	1.1	0.1
5861	**117g12**	AV633181	HC017g03			100.0	95.3	83.9	1.0	0.0	1.1	0.1
5862	**118c08**	AV633672	HC023g11			5.2	4.8	4.3	0.9	0.2	1.1	0.3
5863	**105a11**	AV396270	CL57b12			63.4	93.3	86.0	1.5	0.2	1.1	0.4
5864	**166c06**	BP095546	MXL043f05			8.4	8.1	7.4	0.9	0.3	1.1	0.5
5865	**145c11**	AV626613	LCL012c09			10.2	15.7	14.2	1.6	0.4	1.1	0.2
5866	**022c12**	AV623732	LC067h08			14.1	13.3	11.9	1.0	0.1	1.1	0.1
5867	**164d09**	BP094747	MXL028f09			9.5	16.6	15.3	1.8	0.3	1.1	0.2
5868	**011b02**	AV634293	HC031e09			9.7	16.3	14.9	1.7	0.2	1.1	0.2
5869	**114a06**	AV388703	CM072c10			116.2	131.6	119.1	1.2	0.1	1.1	0.1
5870	**112g05**	AV392290	CM060f05			15.3	20.6	19.5	1.3	0.0	1.1	0.4
5871	**122d09**	AV638264	HC084a10			15.6	15.1	13.6	1.0	0.1	1.1	0.3
5872	**130b03**	AV643249	HCL066d03			20.5	22.0	20.4	1.1	0.1	1.1	0.3
5873	**134b09**	AV619054	LC003b05			106.5	111.8	104.0	1.1	0.1	1.1	0.3
5874	**002b09**	AV394978	CL33b03			2.1	2.5	2.3	1.3	0.2	1.1	0.2
5875	**112e03**	AV391922	CM057e01			11.2	7.9	7.4	0.8	0.3	1.1	0.2
5876	**028e04**	AV630062	LCL072d01			15.0	12.1	11.5	0.8	0.1	1.1	0.5
5877	**102g09**	AV394711	CL27g09			5.9	5.1	4.9	0.9	0.3	1.1	0.4
5878	**110g12**	AV389840	CM040c09			14.3	15.7	14.0	1.1	0.0	1.1	0.3
5879	**150b01**	AV628846	LCL047h12			12.0	7.9	7.1	0.7	0.2	1.1	0.1
5880	**002g03**	AV395694	CL47g09			15.4	23.6	20.8	1.6	0.2	1.1	0.2
5881	**021a02**	AV621786	LC040h11			8.0	5.5	5.3	0.7	0.1	1.1	0.5
5882	**111e07**	AV390827	CM048e04			89.9	93.9	85.6	1.1	0.2	1.1	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
5883	**028a12**	AV629592	LCL061f01			7.3	7.7	7.2	1.1	0.1	1.1	0.5
5884	**114f12**	AV389757	CM079e05			50.5	55.3	48.8	1.1	0.3	1.1	0.2
5885	**034e11**	BP095988	MXL050f05			55.2	79.6	70.4	1.4	0.2	1.1	0.2
5886	**143c09**	AV625665	LC096b09			7.0	6.0	5.5	0.9	0.1	1.1	0.1
5887	**012h05**	AV637593	HC075b07			38.9	32.6	29.8	0.9	0.3	1.1	0.2
5888	**153f04**	AV630563	LCL080g09			9.9	8.8	8.1	0.9	0.1	1.1	0.2
5889	**155e09**	AV631466	LCL094e08			10.7	13.4	12.0	1.2	0.2	1.1	0.4
5890	**122c02**	AV637966	HC080a07			10.5	8.8	7.9	0.9	0.3	1.1	0.2
5891	**165e11**	BP095259	MXL039a03			8.9	11.0	9.7	1.3	0.5	1.1	0.2
5892	**020e03**	AV621107	LC031c11			8.6	6.7	6.1	0.8	0.2	1.1	0.3
5893	**105e11**	AV396600	CL65h02			5.2	5.8	6.0	1.1	0.0	1.1	0.6
5894	**031e08**	BP087011	MX022g10			17.4	14.0	12.6	0.8	0.2	1.1	0.1
5895	**021d07**	AV622340	LC048d04			17.2	17.6	16.6	1.0	0.2	1.1	0.2
5896	**122f06**	AV638650	HC089a06			9.3	10.8	9.7	1.2	0.4	1.1	0.2
5897	**170e03**	BP097436	MXL075f10			19.9	19.4	17.2	1.0	0.2	1.1	0.1
5898	**129b01**	AV642660	HCL055f03			9.5	8.2	7.9	0.9	0.2	1.1	0.4
5899	**149c09**	AV628441	LCL041h07			22.5	23.0	20.7	1.0	0.1	1.1	0.2
5900	**137c07**	AV621426	LC035h12			3.0	3.2	2.8	1.2	0.5	1.1	0.2
5901	**026g05**	AV628537	LCL043d12			14.4	16.2	14.4	1.1	0.2	1.1	0.1
5902	**007d07**	AV391582	CM055c07			5.5	5.3	4.9	1.0	0.1	1.1	0.2
5903	**027h11**	AV629522	LCL060c02			8.3	8.1	7.3	1.0	0.1	1.1	0.3
5904	**008e06**	AV388511	CM071b12			6.2	6.3	5.7	1.0	0.1	1.1	0.2
5905	**018b04**	AV644190	HCL083f04			10.8	14.0	11.9	1.2	0.3	1.1	0.5
5906	**008c02**	AV393126	CM067g06			8.0	8.5	7.6	1.1	0.1	1.1	0.2
5907	**118h09**	AV634426	HC033c02			5.0	5.5	5.0	1.1	0.4	1.1	0.2
5908	**131c11**	AV644035	HCL080f07			20.2	16.4	14.5	0.8	0.1	1.1	0.1
5909	**006g04**	AV390424	CM046a11			8.0	8.2	7.2	1.3	0.9	1.1	0.3
5910	**112g01**	AV392252	CM059h04			19.1	22.4	19.9	1.2	0.2	1.1	0.1
5911	**020e08**	AV621136	LC031g01			10.1	9.0	8.1	0.9	0.2	1.1	0.1
5912	**132g09**	BP383762	HCL094c09			8.7	9.4	8.5	1.1	0.1	1.1	0.2
5913	**034a07**	BP095200	MXL037h03			10.1	11.8	10.8	1.2	0.4	1.1	0.3
5914	**115b02**	AV390381	CM084d12			6.7	11.4	10.2	1.8	0.7	1.1	0.3
5915	**026a03**	AV627970	LCL034f08			6.1	5.8	5.5	1.0	0.2	1.1	0.4
5916	**106c06**	AV397284	CL77b09			8.1	11.1	9.9	1.4	0.2	1.1	0.2
5917	**112d11**	AV391847	CM057a02			19.8	20.4	18.3	1.0	0.2	1.1	0.3
5918	**101b04**	AV397606	CL02a04			1.6	2.0	2.2	1.4	0.7	1.1	0.5
5919	**003b09**	AV396111	CL56d08			5.2	5.9	5.4	1.3	0.6	1.1	0.2
5920	**142a10**	AV624892	LC084b10			11.2	9.1	8.3	0.8	0.1	1.1	0.2
5921	**148a08**	AV627814	LCL032d08			14.6	9.9	8.8	0.7	0.1	1.1	0.1
5922	**119f06**	AV635269	HC044b11			80.2	70.0	64.0	0.9	0.2	1.1	0.1
5923	**140f02**	AV623950	LC070h04			16.2	11.7	10.7	0.7	0.1	1.1	0.2
5924	**027e03**	AV629223	LCL054g03			17.8	14.1	13.2	0.8	0.1	1.1	0.3
5925	**139a10**	AV622789	LC054e06			11.4	8.1	7.4	0.8	0.2	1.1	0.2
5926	**152c05**	AV629876	LCL068b03			5.3	6.5	6.0	1.2	0.2	1.1	0.4
5927	**127b02**	AV641635	HCL037h04			7.6	7.9	7.1	1.0	0.3	1.1	0.4
5928	**101b12**	AV393399	CL03d02			7.1	7.8	7.0	1.1	0.2	1.1	0.3
5929	**116c11**	AV397518	CM098e10			53.1	64.1	57.3	1.2	0.1	1.1	0.2
5930	**036g01**	BP098591	MXL096a01			12.0	11.3	10.7	0.9	0.1	1.1	0.5
5931	**159d09**	BP087788	MX043f06			12.1	11.3	10.4	1.0	0.2	1.1	0.2
5932	**157f07**	BP087108	MX025e11			12.1	16.5	15.2	1.4	0.1	1.1	0.2
5933	**109e10**	AV387698	CM027f05			21.3	23.3	20.8	1.1	0.1	1.1	0.1
5934	**112h08**	AV392478	CM061f10			10.9	12.2	11.1	1.1	0.2	1.1	0.3
5935	**124a04**	AV639936	HCL007e05			5.2	4.6	4.1	0.9	0.3	1.1	0.3
5936	**138c04**	AV622175	LC046b06			23.2	28.6	25.7	1.2	0.3	1.1	0.2
5937	**114h05**	AV390028	CM081h09			20.0	30.0	27.3	1.5	0.2	1.1	0.2
5938	**141a01**	AV624158	LC073g03			31.4	21.9	19.4	0.7	0.1	1.1	0.4
5939	**115c07**	AV390136	CM086b05			23.4	27.5	28.6	1.5	0.9	1.1	0.6
5940	**006e04**	AV390042	CM041f05			2.7	4.6	4.1	1.8	0.6	1.1	0.2
5941	**032c07**	BP093091	MXL003c04			9.7	7.8	7.0	0.8	0.1	1.1	0.3
5942	**164e09**	BP094787	MXL029f11			31.3	27.8	25.7	0.9	0.2	1.1	0.2
5943	**166c08**	BP095560	MXL043h03			22.0	24.9	22.6	1.1	0.1	1.1	0.1
5944	**011g07**	AV635451	HC046e03			8.7	13.9	13.2	1.7	1.0	1.1	0.6
5945	**112f05**	AV392113	CM058c11			4.7	4.9	4.4	1.2	0.5	1.1	0.2
5946	**134e07**	AV619363	LC007c06			27.0	28.7	25.9	1.1	0.3	1.1	0.2
5947	**111g06**	AV391120	CM051b03			5.2	6.1	5.7	1.2	0.0	1.1	0.3
5948	**131c10**	AV644029	HCL080e07			7.1	5.9	5.8	0.8	0.2	1.1	0.4
5949	**148f02**	AV628101	LCL036g02			7.8	7.1	6.4	0.9	0.1	1.1	0.1
5950	**151g08**	AV629685	LCL063f11			24.0	34.3	30.4	1.4	0.2	1.1	0.5
5951	**154c09**	AV630894	LCL085h09			14.4	14.1	12.9	1.1	0.4	1.1	0.2
5952	**144d08**	AV626247	LCL005a09			5.8	5.7	5.3	1.0	0.2	1.1	0.4
5953	**130a08**	AV643226	HCL065h12			7.4	9.9	9.1	1.3	0.1	1.1	0.3
5954	**166c09**	BP095581	MXL044b06			39.8	50.5	45.4	1.3	0.1	1.1	0.1
5955	**020c08**	AV620911	LC028e03			8.2	15.8	15.5	1.9	0.7	1.1	0.4
5956	**031a11**	BP086516	MX010e09			9.6	8.7	7.7	0.9	0.2	1.1	0.2
5957	**002f08**	AV397790	CL45e04			10.7	11.5	10.5	1.1	0.1	1.1	0.2
5958	**167b12**	BP095943	MXL049g08			4.4	13.6	14.4	3.3	0.7	1.1	0.4
5959	**152b09**	AV629829	LCL067a11			5.3	4.9	4.4	1.0	0.3	1.1	0.1
5960	**145f06**	AV626797	LCL015e12			39.9	28.2	28.3	0.7	0.1	1.1	0.6
5961	**004d10**	AV386762	CM008e06			10.9	13.2	11.9	1.2	0.2	1.1	0.4
5962	**143h11**	AV626050	LCL001f12			15.5	12.3	11.1	0.8	0.1	1.1	0.1
5963	**149a11**	AV628336	LCL040c06			17.9	17.0	16.0	1.0	0.2	1.1	0.4
5964	**008e02**	AV397356	CM070d07			33.7	36.1	31.9	1.1	0.2	1.1	0.2
5965	**134c02**	AV619101	LC003g08			17.3	19.9	18.0	1.1	0.2	1.1	0.3
5966	**128e06**	AV642428	HCL051e12			7.9	8.8	7.9	1.1	0.3	1.1	0.5
5967	**171b07**	BP097759	MXL080h05			8.8	10.0	10.4	1.5	1.0	1.1	0.6
5968	**112g12**	AV392340	CM060h11			5.2	4.7	4.2	0.9	0.2	1.1	0.1
5969	**120b08**	AV635831	HC051e07			15.8	10.9	11.1	0.7	0.1	1.1	0.6
5970	**155g04**	AV631589	LCL096e10			14.0	17.4	16.0	1.3	0.3	1.1	0.2
5971	**122e12**	AV638539	HC087f06			12.1	12.6	12.3	1.1	0.2	1.1	0.4
5972	**003g01**	AV396977	CL73a08			6.4	8.2	7.6	1.4	0.4	1.1	0.2
5973	**101e03**	AV393713	CL09a09			3.5	4.0	3.6	1.2	0.3	1.1	0.2
5974	**153a05**	AV630281	LCL076f04			28.9	26.1	24.0	0.9	0.2	1.1	0.3
5975	**016c08**	AV641966	HCL043b10			5.5	8.1	7.3	1.4	0.2	1.1	0.2
5976	**129e05**	AV642899	HCL060b06			13.5	11.7	10.5	0.9	0.1	1.1	0.1
5977	**136g11**	AV620922	LC028f06			23.3	22.6	21.0	1.0	0.2	1.1	0.2
5978	**107e08**	AV386967	CM010f04			7.8	6.5	5.9	0.8	0.2	1.1	0.2
5979	**103b01**	AV394999	CL31g04			5.7	12.0	10.8	2.3	0.7	1.1	0.2
5980	**015c03**	AV640849	HCL023d12			4.5	9.3	8.3	2.1	0.4	1.1	0.2
5981	**122h10**	AV639051	HC094d05			4.3	5.1	4.6	1.2	0.2	1.1	0.1
5982	**118a12**	AV633431	HC020g02			9.8	9.7	9.1	1.0	0.1	1.1	0.5
5983	**009e03**	AV391631	CM092e02			7.6	8.8	7.9	1.2	0.1	1.1	0.2
5984	**130e08**	AV643552	HCL071e12			31.6	37.5	31.1	1.1	0.6	1.1	0.6
5985	**116b06**	AV392410	CM096g11			201.1	209.7	188.4	1.0	0.1	1.1	0.3
5986	**014b02**	AV639735	HCL004a05			9.3	11.4	10.3	1.2	0.1	1.1	0.2
5987	**138e10**	AV622332	LC048c07			12.4	45.8	43.5	3.8	0.6	1.1	0.3
5988	**007a07**	AV391000	CM049d06			10.0	8.6	9.0	1.0	0.6	1.1	0.6
5989	**030h09**	BP086273	MX005e05			10.6	34.1	30.5	3.3	1.1	1.1	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
5990	**119d10**	AV635041	HC041b07			8.3	7.2	6.7	0.9	0.2	1.1	0.2
5991	**024a04**	AV626268	LCL005e10			24.0	21.6	19.8	0.9	0.1	1.1	0.2
5992	**155c07**	AV631362	LCL092f05			25.6	36.6	32.6	1.5	0.8	1.1	0.2
5993	**148b09**	AV627868	LCL033b03			7.4	9.9	8.7	1.3	0.4	1.1	0.3
5994	**161f12**	BP093273	MXL006a01			16.7	14.3	12.8	0.9	0.1	1.1	0.1
5995	**028f12**	AV630215	LCL075e05			8.4	8.5	7.7	1.0	0.1	1.1	0.2
5996	**020a11**	AV620734	LC026b07			14.5	9.6	8.6	0.7	0.2	1.1	0.1
5997	**148g01**	AV628149	LCL037e04			21.5	18.4	16.8	0.9	0.1	1.1	0.1
5998	**107b04**	BP098625	MXL096e02			7.0	7.2	7.2	1.0	0.1	1.1	0.5
5999	**122c08**	BP383719	HC081d06			185.7	173.2	180.0	0.9	0.2	1.1	0.5
6000	**008g06**	AV389517	CM076a04			11.9	11.9	10.9	1.1	0.6	1.1	0.4
6001	**105e01**	AV396504	CL63g09			7.6	7.5	6.8	1.0	0.2	1.1	0.1
6002	**152a05**	AV629748	LCL065b07			28.6	25.6	24.9	0.9	0.0	1.1	0.3
6003	**135d07**	AV619932	LC015b12			38.2	25.5	26.4	0.7	0.1	1.1	0.6
6004	**156d02**	BP086061	MX001b09			2.8	3.4	3.2	1.2	0.5	1.1	0.4
6005	**102e04**	AV394464	CL23b08			16.1	16.9	16.5	1.1	0.2	1.1	0.5
6006	**139c07**	AV622977	LC057c08			3.0	3.2	2.9	1.1	0.2	1.1	0.1
6007	**138f09**	AV622499	LC050e04			7.3	9.7	8.7	1.3	0.1	1.1	0.1
6008	**007c08**	AV391395	CM053h02			8.1	8.0	7.2	1.0	0.1	1.1	0.2
6009	**125e08**	AV640678	HCL020d10			5.9	6.5	6.2	1.1	0.1	1.1	0.3
6010	**154e04**	AV630981	LCL087b12			8.8	9.2	8.3	1.0	0.1	1.1	0.3
6011	**126h01**	AV641504	HCL034h03			8.3	8.0	7.2	1.0	0.2	1.1	0.1
6012	**171g08**	BP098084	MXL086f12			8.0	7.4	7.4	0.9	0.4	1.1	0.7
6013	**002c04**	AV395068	CL35b11			2.6	2.8	2.6	1.1	0.2	1.1	0.3
6014	**134e06**	AV619359	LC007b11			14.7	15.3	13.8	1.0	0.2	1.1	0.2
6015	**149c07**	AV628437	LCL041h02			12.5	16.8	15.4	1.3	0.1	1.1	0.1
6016	**136d04**	BP383784	LC025c03			17.6	33.2	30.0	2.0	0.6	1.1	0.1
6017	**154e07**	AV630994	LCL087d03			34.5	34.6	31.7	1.1	0.2	1.1	0.3
6018	**027b04**	AV628902	LCL048g01			4.5	4.7	4.9	1.0	0.2	1.1	0.5
6019	**140c10**	AV623762	LC068c10			21.9	20.7	18.8	1.0	0.2	1.1	0.2
6020	**119d08**	AV635021	HC040h07			10.4	7.2	7.8	0.7	0.2	1.1	0.7
6021	**026b12**	AV628165	LCL037g02			9.0	7.7	7.9	0.9	0.2	1.1	0.5
6022	**132e01**	BP383760	HCL092e06			15.5	15.6	14.1	1.0	0.1	1.1	0.0
6023	**019f11**	AV620191	LC018g09			16.0	14.7	13.6	0.9	0.2	1.1	0.2
6024	**113b02**	AV392753	CM063f07			7.1	5.4	5.0	1.0	0.6	1.1	0.4
6025	**103a02**	AV394769	CL30b09			2.4	2.9	2.7	1.3	0.4	1.1	0.3
6026	**123c08**	AV639453	HC099f01			22.4	18.0	17.9	0.8	0.2	1.1	0.6
6027	**022f07**	AV624067	LC072e03			11.1	10.5	9.5	1.0	0.1	1.1	0.2
6028	**147c05**	AV627443	LCL026h01			12.0	15.4	14.1	1.3	0.1	1.1	0.2
6029	**133d08**	AV645057	HCL097f01			50.5	44.5	40.2	0.9	0.1	1.1	0.1
6030	**130b01**	AV643244	HCL066c08			11.3	8.0	7.7	0.7	0.1	1.1	0.5
6031	**121f09**	BP383713	HC072f05			47.7	27.6	25.7	0.6	0.4	1.1	0.7
6032	**138d07**	AV622242	LC047a05			199.3	195.3	183.5	1.0	0.1	1.1	0.2
6033	**013c01**	AV638217	HC083d07			4.4	7.9	7.0	1.8	0.6	1.1	0.4
6034	**016h12**	AV642716	HCL056f02			3.3	4.2	3.9	1.2	0.3	1.1	0.9
6035	**163f07**	BP094413	MXL022g03			12.8	15.9	14.5	1.2	0.1	1.1	0.2
6036	**168g01**	BP096668	MXL062f12			7.3	7.7	8.7	1.1	0.9	1.1	1.0
6037	**117f10**	AV633010	HC015e11			7.3	5.1	4.6	0.8	0.2	1.1	0.1
6038	**167f07**	BP096140	MXL053d09			61.2	76.6	68.6	1.2	0.3	1.1	0.5
6039	**106d05**	AV397149	CL79d04			15.5	14.9	13.6	1.0	0.2	1.1	0.2
6040	**107f03**	BP098627	MXL096e05			16.0	15.6	13.8	1.0	0.3	1.1	0.1
6041	**025g09**	AV627839	LCL032g05			11.9	15.3	15.5	1.3	0.1	1.1	0.5
6042	**109c07**	AV388059	CM025c04			8.7	6.5	5.9	0.7	0.2	1.1	0.1
6043	**003e02**	AV396634	CL64g08			6.8	5.6	5.5	0.8	0.1	1.1	0.3
6044	**006e07**	AV390050	CM041h06			9.5	12.4	11.1	1.3	0.5	1.1	0.3
6045	**102b07**	AV394193	CL19d12			4.5	4.9	4.4	1.1	0.1	1.1	0.3
6046	**118d12**	AV633798	HC025d07			3.9	4.4	4.1	1.1	0.3	1.1	0.4
6047	**135c10**	AV619746	LC014d02			11.1	10.2	9.4	0.9	0.1	1.1	0.2
6048	**105a03**	AV396095	CL56c02			3.6	4.8	5.2	1.6	0.6	1.1	0.6
6049	**134e09**	AV619368	LC007d02			35.5	37.8	33.9	1.1	0.3	1.1	0.1
6050	**119b09**	AV634699	HC036f09			5.2	4.4	4.1	0.9	0.1	1.1	0.2
6051	**020e12**	AV621234	LC033b08			13.1	14.8	13.3	1.2	0.3	1.1	0.0
6052	**114g12**	AV389891	CM081d03			18.2	10.9	9.9	0.6	0.1	1.1	0.3
6053	**036c04**	BP098313	MXL091c12			6.1	4.4	4.4	0.8	0.2	1.1	0.6
6054	**137b10**	AV621271	LC033f12			27.2	27.1	25.0	1.0	0.1	1.1	0.1
6055	**143f10**	BP098799	MXL099c11			82.6	82.8	83.5	1.0	0.1	1.1	0.6
6056	**107f12**	AV386923	CM011h12			23.0	17.1	15.5	0.8	0.1	1.1	0.1
6057	**135h07**	AV620342	LC020g11			7.4	7.9	7.3	1.1	0.4	1.1	0.2
6058	**105a06**	AV396098	CL56g02			26.1	24.1	21.7	0.9	0.3	1.1	0.2
6059	**145c02**	AV626568	LCL011e06			19.7	17.4	16.0	1.0	0.4	1.1	0.2
6060	**101g10**	AV393962	CL15h07			8.2	7.1	7.3	0.8	0.2	1.1	0.7
6061	**017b03**	AV642884	HCL059h05			3.4	5.1	4.6	1.5	0.4	1.1	0.4
6062	**168d05**	BP096480	MXL059d06			11.7	12.8	11.4	1.1	0.4	1.1	0.4
6063	**116e10**	AV393218	CM100b10			15.4	12.2	11.3	0.9	0.2	1.1	0.2
6064	**108h06**	AV387860	CM022e12			9.6	9.2	8.3	0.9	0.2	1.1	0.2
6065	**032f04**	BP093488	MXL009b01			5.8	7.1	6.5	1.2	0.1	1.1	0.1
6066	**138c11**	BP383795	LC046f03			2.8	4.6	4.3	1.7	0.3	1.1	0.2
6067	**117h06**	AV633216	HC018b08			36.2	36.0	32.2	1.0	0.1	1.1	0.1
6068	**170c02**	BP097323	MXL073g06			10.8	11.6	11.2	1.5	0.8	1.1	0.3
6069	**026c08**	AV628257	LCL039c01			11.7	15.3	14.2	1.3	0.2	1.1	0.3
6070	**157e07**	BP086996	MX022e02			58.7	39.4	33.2	0.6	0.2	1.1	0.6
6071	**034f10**	BP096152	MXL053f09			8.7	9.8	9.0	1.2	0.2	1.1	0.2
6072	**171e09**	BP097980	MXL084f01			20.3	27.4	25.0	1.4	0.4	1.1	0.1
6073	**112e10**	AV391976	CM057h05			229.1	249.7	219.7	1.1	0.3	1.1	0.3
6074	**034e07**	BP095907	MXL049b02			19.1	17.9	16.2	0.9	0.0	1.1	0.0
6075	**121c05**	AV636989	HC067b03			7.5	8.3	7.8	1.1	0.2	1.1	0.3
6076	**149b01**	AV628343	LCL040d02			26.6	24.0	21.9	0.9	0.1	1.1	0.1
6077	**003c11**	AV397924	CL59e11			8.2	9.1	10.5	1.2	0.5	1.1	0.7
6078	**126g12**	AV641490	HCL034f04			13.0	11.5	11.4	0.9	0.2	1.1	0.5
6079	**166f07**	BP095729	MXL046e02			12.4	10.8	10.4	0.9	0.2	1.1	0.4
6080	**111a03**	AV390046	CM041g06			7.6	8.9	8.2	1.2	0.2	1.1	0.3
6081	**003f01**	AV396936	CL68g12			6.3	6.9	6.4	1.2	0.4	1.1	0.2
6082	**036f09**	BP098533	MXL094h03			7.3	3.7	5.4	0.7	0.3	1.1	0.9
6083	**032h03**	BP093671	MXL011g12			19.0	15.3	26.2	0.9	0.2	1.1	0.8
6084	**108e01**	AV387355	CM019e10			32.5	56.9	54.3	1.8	0.1	1.1	0.2
6085	**153h02**	AV630689	LCL082g03			7.4	8.6	8.2	1.2	0.1	1.1	0.3
6086	**115a09**	AV390386	CM083f07			10.0	11.9	11.6	1.2	0.2	1.1	0.5
6087	**028g12**	AV630319	LCL077b12			9.3	9.0	10.6	1.0	0.0	1.1	0.8
6088	**138h04**	AV622653	LC052e05			32.4	29.7	27.6	0.9	0.1	1.1	0.2
6089	**133g05**	AV645201	HCL099e06			8.8	9.2	8.4	1.1	0.1	1.1	0.1
6090	**016h07**	AV642693	HCL056b07			16.5	15.2	17.1	1.0	0.4	1.1	0.6
6091	**101h03**	AV394031	CL16g02			15.3	13.8	12.9	1.0	0.3	1.1	0.3
6092	**108g09**	AV387934	CM021g10			12.0	10.9	10.5	0.9	0.1	1.1	0.5
6093	**136d05**	AV620669	LC025c05			5.5	5.9	5.6	1.1	0.3	1.1	0.3
6094	**157d12**	BP086893	MX019f10			20.6	9.3	9.8	0.4	0.1	1.1	0.7
6095	**005g06**	AV388359	CM029a06			9.6	7.2	6.4	0.9	0.5	1.1	0.2
6096	**151f04**	AV629596	LCL061f11			7.9	9.5	8.8	1.2	0.1	1.1	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
6097	**131e03**	AV644161	HCL083b04			9.2	8.6	8.5	1.0	0.1	1.1	0.3
6098	**153g01**	AV630609	LCL081e04			13.9	19.6	18.5	1.4	0.2	1.1	0.2
6099	**152b02**	AV629803	LCL066d09			16.7	12.9	11.8	0.8	0.2	1.1	0.1
6100	**120f08**	BP383706	HC057e06			58.9	51.7	51.1	0.9	0.1	1.1	0.4
6101	**103f09**	AV395356	CL40e10			5.6	6.0	5.9	1.1	0.3	1.1	0.4
6102	**117g04**	AV633075	HC016d12			33.5	37.9	35.2	1.2	0.4	1.1	0.3
6103	**167e05**	BP096093	MXL052e11			12.1	14.3	13.9	1.2	0.1	1.1	0.6
6104	**147c09**	AV627471	LCL027c04			25.3	20.8	18.9	0.8	0.0	1.1	0.1
6105	**124d12**	AV640150	HCL011c07			33.6	34.6	33.4	1.0	0.2	1.1	0.4
6106	**151g06**	AV629653	LCL062f11			11.5	14.8	13.7	1.3	0.4	1.1	0.5
6107	**018a10**	AV644127	HCL082e01			19.7	13.7	15.4	0.8	0.4	1.1	0.6
6108	**009d02**	AV391035	CM088f12			14.1	14.9	13.6	1.1	0.3	1.1	0.1
6109	**021f08**	AV622678	LC052h07			16.6	9.9	9.3	0.6	0.2	1.1	0.5
6110	**102g05**	AV394687	CL27b06			23.6	26.8	23.8	1.1	0.1	1.1	0.1
6111	**030a09**	AV631319	LCL091h12			11.9	12.0	11.1	1.0	0.1	1.1	0.3
6112	**112a08**	AV391410	CM053h12			90.0	87.7	81.7	1.1	0.5	1.1	0.3
6113	**103e08**	AV395316	CL38f07			14.2	13.0	12.0	0.9	0.1	1.1	0.1
6114	**131f03**	BP383753	HCL084b06			33.4	51.3	51.8	1.5	0.2	1.1	0.5
6115	**007a02**	AV390931	CM048h06			10.3	12.5	11.5	1.2	0.2	1.1	0.3
6116	**105h04**	AV396835	CL70c07			5.0	4.7	4.4	0.9	0.2	1.1	0.3
6117	**025h11**	AV627938	LCL034b08			8.2	8.7	8.0	1.1	0.1	1.1	0.1
6118	**143b11**	AV625630	LC095f09			172.1	189.2	186.0	1.1	0.1	1.1	0.3
6119	**159e02**	BP087796	MX043g07			24.1	23.9	25.4	1.1	0.4	1.1	0.5
6120	**144e03**	AV626265	LCL005e01			17.3	35.4	32.1	2.0	0.1	1.1	0.1
6121	**136g07**	AV620887	LC028b08			9.7	5.6	5.0	0.6	0.2	1.1	0.2
6122	**147a07**	AV627353	LCL025e02			13.0	11.5	10.6	0.9	0.1	1.1	0.2
6123	**101b05**	AV397596	CL02b09			6.0	6.3	5.7	1.0	0.2	1.1	0.3
6124	**020h11**	AV621750	LC040e01			7.4	5.5	6.0	0.8	0.1	1.1	0.4
6125	**002b03**	AV395040	CL31b05			3.2	4.5	4.1	1.4	0.2	1.1	0.1
6126	**102d11**	AV394227	CL22d02			5.0	3.8	3.6	0.9	0.4	1.1	0.1
6127	**109c04**	AV388091	CM025b02			10.9	7.7	7.2	0.7	0.1	1.1	0.2
6128	**023a06**	AV624589	LC079g11			8.5	9.8	9.3	1.2	0.3	1.1	0.3
6129	**034b06**	BP095328	MXL040a04			8.3	5.5	5.3	0.7	0.1	1.1	0.5
6130	**115h02**	AV391697	CM092f10			10.0	14.0	13.2	1.4	0.2	1.1	0.3
6131	**033h08**	BP095085	MXL035e08			3.8	4.9	4.4	1.3	0.3	1.1	0.2
6132	**147g11**	AV627697	LCL030g01			13.6	26.5	24.1	1.9	0.3	1.1	0.3
6133	**165c07**	BP095141	MXL036e05			17.7	21.8	19.3	1.2	0.6	1.1	0.4
6134	**122d11**	AV638275	HC084c06			327.2	348.5	341.3	1.1	0.1	1.1	0.4
6135	**018e01**	AV644558	HCL090e06			3.8	3.7	3.6	1.1	0.5	1.1	0.3
6136	**158d01**	BP087631	MX039f07			38.5	32.4	31.6	1.0	0.4	1.1	0.2
6137	**031b03**	BP086544	MX011b05			12.7	20.2	18.8	1.7	0.5	1.1	0.2
6138	**149h11**	AV628754	LCL046f04			10.5	11.2	10.2	1.1	0.1	1.1	0.1
6139	**103g01**	AV395351	CL40g09			9.2	6.0	5.5	0.7	0.0	1.1	0.2
6140	**160c07**	BP088519	MX062d04			25.0	22.3	20.7	0.9	0.4	1.1	0.5
6141	**142a08**	AV624883	LC084a11			268.5	276.0	266.3	1.0	0.1	1.1	0.4
6142	**002d02**	AV395154	CL36h08			3.6	4.2	3.8	1.2	0.1	1.1	0.1
6143	**132d06**	AV644684	HCL092b10			6.3	5.4	5.1	0.9	0.1	1.1	0.3
6144	**107g10**	AV387086	CM013a07			7.8	6.4	5.9	0.8	0.1	1.1	0.1
6145	**118a06**	AV633347	HC019g06			7.8	7.3	9.0	0.9	0.2	1.1	0.7
6146	**144c11**	AV626225	LCL004f06			15.8	11.9	11.0	0.8	0.2	1.1	0.2
6147	**010f12**	AV633429	HC020f11			7.5	7.8	7.3	1.1	0.6	1.1	0.6
6148	**111b02**	AV390185	CM043d06			7.5	11.3	10.9	1.6	0.4	1.1	0.3
6149	**127h02**	AV642030	HCL044c01			7.8	8.7	7.9	1.2	0.2	1.1	0.1
6150	**133d09**	AV645058	HCL097f02			19.9	12.6	11.6	0.6	0.2	1.1	0.3
6151	**127c10**	AV641754	HCL039g09			7.4	6.2	6.0	0.9	0.1	1.1	0.3
6152	**113b03**	AV392786	CM063h08			28.6	54.9	50.6	2.0	0.4	1.1	0.1
6153	**154c04**	AV630866	LCL085d10			9.0	8.9	8.8	1.3	0.8	1.1	0.3
6154	**003c03**	AV396206	CL58c06			7.0	5.5	5.0	0.8	0.1	1.1	0.1
6155	**103e09**	AV395321	CL38h08			31.9	19.9	19.7	0.6	0.1	1.1	0.6
6156	**002e01**	AV395444	CL41g06			9.6	13.9	12.8	1.5	0.3	1.1	0.2
6157	**033g02**	BP094814	MXL030b12			12.1	10.3	9.5	0.9	0.5	1.1	0.4
6158	**006a02**	AV388786	CM032d01			7.2	8.0	7.4	1.2	0.3	1.1	0.2
6159	**021h03**	AV623013	LC057g09			8.5	7.3	7.2	0.9	0.2	1.1	0.3
6160	**154a05**	AV630764	LCL084a05			25.8	22.8	20.8	0.9	0.3	1.1	0.0
6161	**101d09**	AV393504	CL08a04			5.1	6.1	5.6	1.3	0.5	1.1	0.2
6162	**022f12**	AV624120	LC073c03			7.4	8.3	8.1	1.1	0.2	1.1	0.5
6163	**147f12**	AV627662	LCL030c02			8.7	8.0	7.4	0.9	0.1	1.1	0.4
6164	**129d02**	AV642811	HCL058e06			10.3	8.9	8.6	0.9	0.1	1.1	0.3
6165	**030b10**	AV631455	LCL094c09			3.6	2.9	2.6	0.9	0.2	1.1	0.2
6166	**015g02**	AV641340	HCL031h07			4.4	5.4	5.0	1.3	0.3	1.1	0.1
6167	**104h07**	AV396053	CL55c06			6.4	5.4	5.1	0.9	0.3	1.1	0.3
6168	**122d03**	AV638172	HC082h01			9.9	9.6	9.0	1.0	0.2	1.1	0.2
6169	**140f10**	AV623993	LC071e03			10.7	9.6	9.0	0.9	0.1	1.1	0.3
6170	**028a11**	AV629588	LCL061e07			9.4	7.1	6.5	0.8	0.1	1.1	0.2
6171	**012c07**	AV636429	HC059d03			12.6	13.0	13.0	1.1	0.4	1.1	0.4
6172	**119d04**	AV634957	HC040b03			105.9	89.9	84.5	0.8	0.1	1.1	0.3
6173	**130b09**	AV643284	HCL067a02			28.0	28.4	26.0	1.0	0.3	1.1	0.1
6174	**154h03**	AV631169	LCL089g09			13.0	8.9	8.5	0.8	0.4	1.1	0.2
6175	**160f06**	BP088927	MX102g07			112.6	116.5	105.8	1.1	0.1	1.1	0.3
6176	**036b07**	BP097868	MXL082f08			10.4	14.9	13.5	1.4	0.1	1.1	0.3
6177	**013a11**	AV637889	HC079a02			6.5	5.0	5.4	0.8	0.4	1.1	0.6
6178	**107h04**	AV387087	CM013e07			12.3	8.2	7.6	0.7	0.1	1.1	0.2
6179	**020h01**	AV621533	LC037d04			51.9	64.8	59.6	1.2	0.1	1.1	0.2
6180	**112d07**	AV391816	CM056f02			3.8	4.1	3.8	1.1	0.3	1.1	0.1
6181	**002h01**	AV397756	CL49h12			6.1	7.8	7.2	1.4	0.4	1.1	0.2
6182	**013f06**	AV639104	HC095a08			35.4	31.7	29.6	0.9	0.1	1.1	0.2
6183	**035b08**	BP096719	MXL063f11			6.8	6.8	6.3	1.0	0.2	1.1	0.2
6184	**123a01**	AV639066	HC094e11			214.9	150.8	152.6	0.7	0.1	1.1	0.6
6185	**158c07**	BP087596	MX038d05			23.4	21.2	19.1	1.0	0.6	1.1	0.5
6186	**160e08**	BP088723	MX067c12			5.8	5.7	5.7	1.0	0.2	1.1	0.3
6187	**009c10**	AV390821	CM088a04			9.7	10.5	9.8	1.1	0.2	1.1	0.2
6188	**116a11**	AV392181	CM096a06			98.3	69.1	63.4	0.7	0.1	1.1	0.1
6189	**011b05**	AV634378	HC032f05			17.5	15.9	14.5	0.9	0.1	1.1	0.1
6190	**154h05**	AV631182	LCL089h10			7.6	7.1	6.7	1.0	0.2	1.1	0.2
6191	**033g01**	BP094781	MXL029e08			12.7	11.3	10.8	0.9	0.1	1.1	0.3
6192	**137f04**	AV621748	LC040d10			12.2	8.9	8.2	0.7	0.2	1.1	0.1
6193	**021b11**	AV622080	LC044g06			179.6	138.9	141.3	0.8	0.1	1.1	0.5
6194	**135c02**	AV619869	LC013g07			8.8	8.4	8.3	1.0	0.4	1.1	0.5
6195	**016f03**	AV642356	HCL050d02			5.3	6.0	5.6	1.5	0.7	1.1	0.3
6196	**110d05**	AV389216	CM035f07			4.7	4.6	4.3	1.0	0.3	1.1	0.3
6197	**122f07**	AV638651	HC089a09			10.7	8.0	7.7	0.7	0.1	1.1	0.4
6198	**114h03**	AV389978	CM081g05			22.6	19.8	18.4	0.9	0.2	1.1	0.1
6199	**128e05**	AV642420	HCL051e04			9.2	8.5	8.2	1.0	0.2	1.1	0.3
6200	**113c12**	AV392997	CM066f09			14.1	13.3	12.1	1.0	0.3	1.1	0.2
6201	**121f07**	AV637358	HC072b05			12.1	10.8	9.9	1.0	0.3	1.1	0.1
6202	**015h01**	AV641453	HCL033h10			7.5	8.5	8.6	1.2	0.4	1.1	0.4
6203	**112d03**	AV391774	CM056b03			7.3	10.0	9.2	1.4	0.4	1.1	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
6204	**158f05**	BP087674	MX041b06			8.9	11.8	11.3	1.3	0.6	1.1	0.6
6205	**133a06**	AV644921	HCL095e09			7.5	5.8	5.3	0.9	0.3	1.1	0.2
6206	**121f02**	AV637304	HC071d07			224.0	259.0	253.9	1.2	0.1	1.1	0.4
6207	**002d11**	AV395377	CL40d12			4.0	4.3	4.0	1.1	0.2	1.1	0.1
6208	**006f06**	AV390257	CM044f05			6.7	7.6	7.1	1.2	0.5	1.1	0.3
6209	**142e07**	AV625231	LC089f06			35.9	31.6	29.3	1.0	0.3	1.1	0.3
6210	**163f08**	BP094420	MXL022g11			5.3	5.8	6.4	1.1	0.5	1.1	0.8
6211	**108e06**	AV397433	CM020b11			6.6	5.5	5.2	0.8	0.1	1.1	0.2
6212	**117e12**	AV632824	HC013a10			5.0	4.7	4.3	1.0	0.3	1.1	0.3
6213	**168c07**	BP096388	MXL058a04			10.0	13.6	12.5	1.3	0.3	1.1	0.4
6214	**009f11**	AV392507	CM097a08			3.8	4.8	4.5	1.2	0.4	1.1	0.6
6215	**122a07**	AV637803	HC077f11			11.0	12.4	12.1	1.1	0.1	1.1	0.4
6216	**113b05**	AV392804	CM064c07			9.4	9.9	9.2	1.1	0.1	1.1	0.2
6217	**104g08**	AV396005	CL53h10			9.0	10.8	9.8	1.2	0.1	1.1	0.2
6218	**107b08**	AV386806	CM007e03			7.0	7.3	7.3	1.1	0.1	1.1	0.4
6219	**155h07**	AV631648	LCL097e10			6.7	4.6	5.8	0.7	0.5	1.1	1.1
6220	**102h06**	AV394651	CL29f02			60.4	65.0	58.0	1.1	0.6	1.1	0.3
6221	**148e08**	AV628062	LCL036b04			9.3	8.3	7.7	0.9	0.1	1.1	0.2
6222	**005b07**	AV397465	CM020c12			6.4	7.4	6.9	1.1	0.1	1.1	0.2
6223	**170f05**	BP097508	MXL077a07			13.7	12.9	12.3	0.9	0.2	1.1	0.5
6224	**101c11**	AV393378	CL04g11			9.6	10.4	11.3	1.1	0.3	1.1	0.7
6225	**165d10**	BP095202	MXL037h05			93.9	90.0	83.0	1.1	0.5	1.1	0.0
6226	**126g05**	AV641449	HCL033h02			20.7	19.7	18.6	1.0	0.3	1.1	0.2
6227	**014f03**	AV640206	HCL012b05			4.8	6.1	6.1	1.4	0.5	1.1	0.5
6228	**130d04**	AV643418	HCL069d04			12.9	15.2	14.1	1.2	0.2	1.1	0.1
6229	**142c07**	AV625043	LC087a12			9.5	8.2	7.8	0.8	0.2	1.1	0.5
6230	**110e11**	AV389481	CM037a11			44.3	53.9	49.6	1.3	0.4	1.1	0.0
6231	**034h02**	BP096335	MXL057a06			3.8	4.1	5.1	1.1	0.2	1.1	0.8
6232	**124d09**	AV640140	HCL011b04			27.2	19.6	18.9	0.7	0.1	1.1	0.3
6233	**149h01**	AV628689	LCL045f07			11.4	10.1	9.5	0.9	0.1	1.1	0.1
6234	**138h01**	AV622603	LC051g11			25.6	21.3	19.8	1.0	0.3	1.1	0.1
6235	**105h11**	AV397025	CL72f03			9.6	8.6	7.9	0.9	0.1	1.1	0.1
6236	**024c12**	AV626494	LCL010b03			11.7	11.5	10.7	1.0	0.1	1.1	0.1
6237	**022f11**	AV624118	LC073b10			12.8	13.1	12.1	1.1	0.3	1.1	0.1
6238	**011a09**	AV634132	HC029f09			32.4	32.1	30.7	1.0	0.2	1.1	0.3
6239	**033h01**	BP094982	MXL033g08			8.8	9.9	9.3	1.2	0.3	1.1	0.1
6240	**117h01**	AV633196	HC017h07			77.8	91.0	84.3	1.3	0.6	1.1	0.0
6241	**156d11**	BP086112	MX002b08			20.9	16.1	15.3	0.8	0.2	1.1	0.4
6242	**010g01**	AV633440	HC020g11			6.0	8.7	8.0	1.5	0.2	1.1	0.3
6243	**120a12**	AV635706	HC049g12			59.9	59.3	53.3	1.0	0.3	1.1	0.2
6244	**023d11**	AV625127	LC088c03			16.8	13.6	12.8	0.8	0.1	1.1	0.3
6245	**106f09**	AV397860	CM002f05			4.6	4.6	4.3	1.0	0.2	1.1	0.2
6246	**144c05**	AV626201	LCL004b09			33.8	48.7	48.7	1.4	0.1	1.1	0.4
6247	**128h07**	AV642584	HCL054c03			7.7	8.5	8.0	1.1	0.2	1.1	0.1
6248	**153b05**	AV630329	LCL077c11			141.3	124.4	126.2	0.9	0.2	1.1	0.6
6249	**018c07**	AV644392	HCL087g04			5.0	10.9	10.4	2.3	0.7	1.1	0.2
6250	**130f06**	AV643616	HCL072g11			7.8	7.2	6.7	1.0	0.2	1.1	0.1
6251	**109g05**	AV388416	CM029f01			7.6	6.9	6.3	0.9	0.1	1.1	0.2
6252	**026c06**	AV628228	LCL038g03			25.2	20.8	19.4	0.8	0.1	1.1	0.2
6253	**113h04**	AV388327	CM071a09			14.2	8.9	8.7	0.6	0.2	1.1	0.4
6254	**125f03**	AV640715	HCL021b12			6.3	11.7	10.9	1.9	0.3	1.1	0.1
6255	**110h02**	AV389879	CM040d02			7.4	11.3	10.6	1.5	0.2	1.1	0.3
6256	**121f12**	AV637433	HC073b02			5.4	5.6	5.4	1.0	0.2	1.1	0.3
6257	**115h10**	AV391857	CM093e08			64.1	63.0	58.5	1.0	0.2	1.1	0.2
6258	**139c12**	AV623010	LC057g04			6.0	6.7	6.3	1.1	0.2	1.1	0.2
6259	**003b03**	AV396014	CL55b10			4.3	4.1	4.1	1.0	0.3	1.1	0.4
6260	**132f07**	AV644785	HCL093g04			8.4	8.7	8.4	1.0	0.1	1.1	0.3
6261	**105f11**	BP098618	MXL096d04			5.9	6.0	5.8	1.0	0.1	1.1	0.4
6262	**142a11**	AV624894	LC084c02			7.8	5.6	5.5	0.7	0.2	1.1	0.2
6263	**140d03**	AV623781	LC068e08			9.3	8.0	7.7	0.9	0.2	1.1	0.3
6264	**111a11**	AV390177	CM043b04			6.2	7.7	7.5	1.3	0.2	1.1	0.3
6265	**147a11**	AV627377	LCL025h04			9.9	9.0	8.4	0.9	0.2	1.1	0.3
6266	**109e03**	AV387611	CM027b03			6.6	5.4	4.9	0.8	0.3	1.1	0.3
6267	**022h05**	AV624351	LC076e10			8.6	9.7	9.2	1.1	0.1	1.1	0.2
6268	**117d06**	AV632626	HC010e09			6.2	5.9	5.8	0.9	0.1	1.1	0.3
6269	**106b08**	AV397058	CL75f10			7.3	7.1	6.7	1.0	0.2	1.1	0.3
6270	**116g03**	AV397951	CS001h08			5.3	5.7	5.6	1.1	0.2	1.1	0.2
6271	**170c07**	BP097337	MXL074a12			4.3	3.8	4.0	0.9	0.1	1.1	0.4
6272	**002e07**	AV395446	CL42c02			12.9	19.2	17.4	1.4	0.2	1.1	0.5
6273	**145b07**	AV626544	LCL010h11			5.9	6.2	6.1	1.1	0.2	1.1	0.5
6274	**032b05**	BP092980	MXL001g04			10.0	6.7	6.8	0.7	0.1	1.1	0.5
6275	**106h01**	AV386580	CM003h04			3.3	4.1	3.8	1.3	0.2	1.1	0.1
6276	**027g03**	AV629393	LCL057h09			19.3	25.1	28.6	1.3	0.3	1.1	0.6
6277	**103f11**	AV395391	CL40f11			2.9	3.3	3.1	1.2	0.2	1.1	0.2
6278	**146a07**	AV626967	LCL019a10			17.5	21.9	20.3	1.3	0.1	1.1	0.1
6279	**028d09**	AV629957	LCL070a02			11.4	12.4	11.9	1.1	0.1	1.1	0.4
6280	**160d11**	BP088625	MX065b12			13.8	16.9	16.1	1.3	0.3	1.1	0.3
6281	**145f04**	AV626783	LCL015d03			5.6	5.5	5.2	1.1	0.4	1.1	0.3
6282	**011e11**	AV635162	HC042f12			17.2	22.9	20.8	1.3	0.4	1.1	0.5
6283	**159c01**	BP087750	MX042h02			9.4	23.0	21.6	2.6	1.3	1.1	0.1
6284	**115h06**	AV391709	CM093a11			9.1	9.7	8.7	1.0	0.2	1.1	0.2
6285	**142d10**	AV625174	LC088h04			7.8	10.3	9.7	1.4	0.2	1.1	0.2
6286	**122d06**	AV638224	HC083e06			14.2	17.6	16.4	1.2	0.1	1.1	0.1
6287	**151e07**	AV629547	LCL060g02			11.8	10.6	9.8	0.9	0.1	1.1	0.0
6288	**124c07**	AV640086	HCL010b01			14.5	12.1	11.3	0.8	0.2	1.1	0.1
6289	**118h11**	AV634456	HC033f03			5.5	4.7	5.0	0.9	0.3	1.1	0.5
6290	**104c11**	AV395791	CL48e09			4.9	3.9	3.7	0.8	0.2	1.1	0.2
6291	**160e04**	BP088679	MX066d04			4.7	4.9	5.9	1.0	0.2	1.1	0.8
6292	**108g07**	AV387903	CM021f06			11.1	11.0	9.9	1.0	0.4	1.1	0.4
6293	**016d10**	AV642173	HCL046g12			8.3	9.0	8.3	1.1	0.4	1.1	0.3
6294	**137f02**	AV621737	LC040c11			10.8	7.9	7.4	0.7	0.1	1.1	0.2
6295	**014h03**	AV640479	HCL017a05			111.1	130.7	127.0	1.3	0.3	1.1	0.3
6296	**102b11**	AV394162	CL19g06			19.5	22.2	20.8	1.2	0.3	1.1	0.3
6297	**112a07**	AV391389	CM053g09			13.5	14.1	13.9	1.1	0.1	1.1	0.4
6298	**128e09**	AV642433	HCL051f06			10.0	12.2	11.3	1.2	0.6	1.1	0.6
6299	**112h04**	AV392352	CM061b07			15.5	12.1	11.7	0.8	0.0	1.1	0.3
6300	**002h04**	AV395747	CL50f03			5.9	11.2	10.4	1.9	0.1	1.1	0.2
6301	**108b11**	AV388170	CM017b01			3.2	4.0	3.8	1.3	0.6	1.1	0.3
6302	**124e11**	AV640196	HCL011h12			9.7	10.4	9.8	1.1	0.3	1.1	0.1
6303	**126h10**	AV641585	HCL036g11			6.4	7.1	6.9	1.1	0.2	1.1	0.4
6304	**016a08**	AV641643	HCL037h12			1.2	1.1	1.5	1.0	0.3	1.1	0.7
6305	**126d03**	BP098719	MXL097h11			9.4	9.5	8.9	1.0	0.1	1.1	0.2
6306	**108a01**	AV387412	CM014e07			3.6	5.1	4.9	1.7	0.8	1.1	0.2
6307	**021h06**	AV623021	LC057h06			24.5	22.9	21.7	0.9	0.1	1.1	0.2
6308	**124d05**	AV640125	HCL010g09			9.0	7.9	7.6	0.9	0.2	1.1	0.2
6309	**101h06**	AV394141	CL17a02			5.0	5.1	5.2	1.0	0.2	1.1	0.5
6310	**017d04**	AV643201	HCL065e09			8.9	10.9	10.0	1.2	0.2	1.1	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
6311	**029c08**	AV630744	LCL083f06			33.4	21.6	21.7	0.7	0.1	1.1	0.3
6312	**111h10**	AV391273	CM052e03			45.0	52.9	49.8	1.2	0.2	1.1	0.1
6313	**141a03**	AV624196	LC074c04			11.6	9.5	9.0	0.8	0.1	1.1	0.4
6314	**115d08**	AV391100	CM087c10			7.3	6.2	6.0	0.9	0.3	1.1	0.3
6315	**144d04**	AV626239	LCL004h08			25.9	39.4	36.3	1.5	0.4	1.1	0.2
6316	**028a03**	AV629556	LCL060h08			10.1	8.0	7.5	0.8	0.1	1.1	0.2
6317	**006a10**	AV389006	CM034c01			9.8	12.2	11.6	1.2	0.4	1.1	0.4
6318	**030g04**	BP086130	MX002e03			22.8	16.4	15.2	0.7	0.1	1.1	0.2
6319	**114c05**	BP383681	CM074h02			61.5	68.3	66.6	1.1	0.1	1.1	0.3
6320	**015b12**	AV640826	HCL023a07			6.2	5.2	4.9	0.8	0.1	1.1	0.2
6321	**024h03**	AV626876	LCL017b06			15.5	12.1	11.7	0.8	0.1	1.1	0.3
6322	**110h08**	AV389944	CM040h04			7.5	8.1	7.6	1.1	0.3	1.1	0.2
6323	**126h06**	AV641543	HCL035h09			10.2	10.1	9.5	1.0	0.2	1.1	0.1
6324	**125c11**	AV640543	HCL018a10			9.2	9.1	8.8	1.0	0.1	1.1	0.3
6325	**126f03**	AV641362	HCL032c08			28.3	27.0	25.4	1.0	0.2	1.1	0.1
6326	**021e12**	AV622579	LC051e07			6.8	7.4	6.8	1.1	0.2	1.1	0.3
6327	**010g09**	AV633564	HC022d01			10.5	12.7	12.7	1.2	0.4	1.1	0.6
6328	**036e10**	BP098385	MXL092e09			18.1	15.7	14.6	0.9	0.2	1.1	0.2
6329	**115g07**	AV391458	CM091b01			3.1	3.9	3.8	1.3	0.4	1.1	0.3
6330	**026b05**	AV628119	LCL037a04			20.2	18.7	17.5	1.0	0.3	1.1	0.1
6331	**137h07**	AV621958	LC043b10			64.9	35.3	35.7	0.5	0.0	1.1	0.4
6332	**148c10**	AV627956	LCL034d12			11.0	13.7	13.1	1.3	0.4	1.1	0.3
6333	**150c07**	AV628935	LCL049c01			35.1	30.4	29.5	0.9	0.2	1.1	0.4
6334	**027e02**	AV629215	LCL054e10			9.6	6.5	7.8	0.7	0.1	1.1	0.7
6335	**110g02**	AV389728	CM039e03			28.0	26.6	27.3	1.0	0.3	1.1	0.3
6336	**003h05**	AV397208	CL78h07			3.6	3.0	3.0	1.0	0.5	1.1	0.3
6337	**103h04**	AV395493	CL42f10			5.7	6.7	6.5	1.2	0.2	1.1	0.2
6338	**009e12**	AV392083	CM094e07			13.9	12.9	12.2	0.9	0.1	1.1	0.2
6339	**135g06**	AV620220	LC019b11			6.9	9.0	8.2	1.3	0.3	1.1	0.3
6340	**128g06**	AV642514	HCL053b04			15.6	14.0	13.8	0.9	0.1	1.1	0.3
6341	**149d10**	AV628484	LCL042f02			26.0	32.0	32.8	1.2	0.1	1.1	0.3
6342	**011b09**	AV634396	HC032h01			5.9	6.7	6.2	1.1	0.2	1.1	0.2
6343	**159e10**	BP087858	MX045b02			42.0	37.0	34.4	0.9	0.1	1.1	0.1
6344	**017b06**	AV642994	HCL061h03			15.9	23.2	22.2	1.5	0.3	1.1	0.2
6345	**152d07**	AV629962	LCL070b01			9.6	14.5	12.8	1.4	0.5	1.1	0.4
6346	**120d01**	AV635957	HC053c09			7.3	7.0	6.5	1.0	0.2	1.1	0.1
6347	**150e10**	AV629052	LCL051a03			8.0	8.0	7.6	1.0	0.3	1.1	0.2
6348	**124d04**	AV640117	HCL010f11			10.8	11.5	11.0	1.1	0.3	1.1	0.3
6349	**108c02**	AV388188	CM017d05			15.8	23.6	22.1	1.6	0.4	1.1	0.0
6350	**146a05**	AV626958	LCL018g12			41.4	37.4	39.0	0.9	0.1	1.1	0.4
6351	**125h06**	AV640838	HCL023b11			9.8	11.2	10.5	1.2	0.1	1.1	0.1
6352	**132c07**	AV644623	HCL091d05			11.5	11.9	11.4	1.0	0.1	1.1	0.2
6353	**167d01**	BP095996	MXL050g05			9.2	8.5	8.8	0.9	0.2	1.1	0.4
6354	**032d02**	BP093176	MXL004f03			13.4	9.5	10.3	0.7	0.0	1.1	0.5
6355	**135e05**	AV620015	LC016c08			18.8	22.0	20.9	1.2	0.5	1.1	0.3
6356	**019g06**	AV620253	LC019f04			34.4	35.5	34.3	1.1	0.4	1.1	0.4
6357	**129a05**	AV642631	HCL055b01			25.2	26.7	26.2	1.0	0.2	1.1	0.4
6358	**121c06**	BP383710	HC067b09			63.9	53.9	55.2	0.8	0.0	1.1	0.4
6359	**133h11**	AV645295	HCL100g04			6.8	5.7	5.4	0.9	0.3	1.1	0.2
6360	**145g04**	AV626835	LCL016c06			10.4	11.9	12.1	1.2	0.2	1.1	0.4
6361	**147h07**	AV627749	LCL031d12			10.1	9.9	10.9	1.0	0.3	1.1	0.5
6362	**101c10**	AV393385	CL04e05			55.8	60.6	56.6	1.1	0.2	1.1	0.0
6363	**129d07**	AV642836	HCL059a02			16.5	17.0	16.3	1.0	0.1	1.1	0.2
6364	**152f04**	AV630040	LCL071g09			33.1	24.3	23.8	0.7	0.1	1.1	0.3
6365	**152d05**	AV629951	LCL069g09			3.8	4.0	3.7	1.1	0.1	1.1	0.1
6366	**030e04**	AV631695	LCL098d02			18.8	16.8	15.8	0.9	0.1	1.1	0.1
6367	**101a10**	AV393345	CL01e04			72.5	92.1	90.7	1.3	0.4	1.1	0.5
6368	**130h10**	AV643751	HCL075d04			9.3	8.7	8.1	1.0	0.1	1.1	0.3
6369	**009g09**	AV393291	CM099e12			12.8	13.1	12.3	1.0	0.2	1.1	0.4
6370	**143f01**	AV625816	LC098c06			7.7	8.1	7.6	1.1	0.2	1.1	0.1
6371	**019b02**	AV619558	LC010a03			24.7	15.1	14.6	0.6	0.3	1.1	0.2
6372	**108g02**	AV387976	CM021d08			11.7	12.5	11.8	1.1	0.3	1.1	0.1
6373	**124h06**	AV640338	HCL014e01			7.7	7.8	7.4	1.0	0.2	1.1	0.2
6374	**130c05**	AV643329	HCL067f08			19.3	20.6	19.4	1.1	0.1	1.1	0.2
6375	**152g05**	AV630104	LCL073b08			10.5	9.9	9.3	0.9	0.2	1.1	0.1
6376	**131a09**	AV643840	HCL077a05			20.6	23.2	21.7	1.2	0.4	1.1	0.2
6377	**111d08**	AV390673	CM047c05			11.0	11.8	11.4	1.1	0.2	1.1	0.3
6378	**152h04**	AV630225	LCL075f08			342.5	354.3	348.2	1.0	0.1	1.1	0.4
6379	**151h10**	AV629730	LCL064h06			23.7	21.8	20.4	0.9	0.0	1.1	0.2
6380	**150f09**	AV629108	LCL052b08			13.0	13.1	12.0	1.0	0.1	1.1	0.2
6381	**103d06**	AV395135	CL36c04			109.7	95.8	88.8	1.1	0.7	1.1	0.1
6382	**145a11**	AV626491	LCL010a11			9.5	9.7	9.6	1.0	0.4	1.1	0.3
6383	**025e09**	AV627498	LCL027f07			12.2	9.5	9.1	0.8	0.1	1.1	0.3
6384	**023d09**	AV624492	LC078e01			23.0	66.4	62.8	2.9	0.3	1.1	0.2
6385	**156f08**	BP086272	MX005e03			44.9	35.8	33.1	0.8	0.1	1.1	0.1
6386	**117f12**	AV633030	HC015h01			4.0	4.5	4.3	1.1	0.1	1.1	0.2
6387	**123f04**	AV639659	HCL002e12			5.5	5.6	5.4	1.0	0.2	1.1	0.3
6388	**027h04**	AV629462	LCL059b08			3.3	4.0	3.7	1.4	0.9	1.1	0.4
6389	**158g01**	BP087688	MX041e04			6.6	5.5	6.4	1.1	0.9	1.1	0.9
6390	**114b04**	AV389051	CM073g02			12.3	12.9	11.6	1.0	0.5	1.1	0.2
6391	**025b05**	AV627130	LCL021f02			9.2	14.5	13.6	1.6	0.2	1.1	0.1
6392	**127e12**	AV641892	HCL042a01			8.1	8.4	8.0	1.0	0.2	1.1	0.3
6393	**008d07**	AV387653	CM069e02			22.7	19.6	19.2	0.9	0.1	1.1	0.3
6394	**114a05**	AV388759	CM072c06			5.8	5.7	5.4	1.0	0.2	1.1	0.1
6395	**163d06**	BP094254	MXL020b07			9.5	8.6	8.1	0.9	0.1	1.1	0.0
6396	**104b10**	AV397773	CL45e02			4.3	4.7	5.1	1.2	0.4	1.1	0.5
6397	**030e10**	AV631767	LCL099e01			13.3	10.0	10.7	0.8	0.2	1.1	0.5
6398	**108b08**	AV387450	CM016h09			4.5	4.8	4.6	1.1	0.1	1.1	0.2
6399	**017b12**	AV643090	HCL063e10			17.5	12.3	14.1	0.7	0.2	1.1	0.6
6400	**103c10**	AV394899	CL34f11			8.5	8.1	7.5	1.0	0.3	1.1	0.2
6401	**031a02**	BP086342	MX007a03			14.7	16.5	15.1	1.2	0.5	1.1	0.2
6402	**118g06**	AV634196	HC030d06			5.9	5.3	5.0	1.0	0.3	1.1	0.3
6403	**109h09**	AV388671	CM031d01			182.1	207.8	193.1	1.1	0.0	1.1	0.1
6404	**015e04**	AV641141	HCL028d09			13.2	16.7	16.5	1.3	0.1	1.1	0.3
6405	**119d05**	AV635005	HC040g01			72.4	55.0	57.9	0.7	0.1	1.1	0.6
6406	**155d10**	AV631422	LCL093f07			20.2	25.2	24.5	1.3	0.1	1.1	0.2
6407	**111e06**	AV390804	CM048d12			34.3	32.8	33.9	1.0	0.2	1.1	0.4
6408	**172c10**	BP098323	MXL091e06			13.4	14.2	13.3	1.0	0.3	1.1	0.2
6409	**145a09**	AV626473	LCL009g02			14.5	10.0	9.6	0.7	0.2	1.1	0.3
6410	**003h11**	AV397345	CL80h06			4.5	4.8	5.1	1.1	0.3	1.1	0.6
6411	**031g03**	BP087311	MX031d10			17.1	19.9	18.8	1.2	0.2	1.1	0.2
6412	**134g09**	AV619530	LC009f02			22.4	18.2	17.1	0.8	0.1	1.1	0.2
6413	**127e11**	AV641885	HCL041h03			6.3	6.9	6.6	1.1	0.1	1.1	0.2
6414	**110f09**	AV389675	CM039a02			8.8	11.2	10.6	1.3	0.3	1.1	0.2
6415	**030g07**	BP086154	MX002h08			11.5	6.7	6.6	0.6	0.2	1.1	0.3
6416	**006a04**	AV388800	CM032f09			18.5	17.8	17.0	1.0	0.1	1.1	0.3
6417	**156e04**	BP086155	MX002h09			24.3	24.9	23.5	1.0	0.1	1.1	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
6418	**124h07**	AV640339	HCL014e04			12.2	13.2	14.3	1.1	0.2	1.1	0.6
6419	**157h07**	BP087281	MX030e03			11.9	8.5	15.5	0.7	0.6	1.1	1.2
6420	**022b01**	AV623412	LC063d08			8.1	15.4	14.6	1.9	0.5	1.1	0.2
6421	**029a07**	AV630504	LCL079h04			20.0	15.8	14.9	0.8	0.1	1.1	0.1
6422	**107e09**	AV387012	CM010f09			10.4	12.5	11.6	1.2	0.1	1.1	0.1
6423	**148b11**	AV627875	LCL033c01			19.3	20.4	19.8	1.1	0.1	1.1	0.2
6424	**115e10**	AV391193	CM089c09			257.7	304.0	285.7	1.2	0.1	1.1	0.1
6425	**122e05**	AV638486	HC087a02			21.9	19.1	21.1	0.9	0.1	1.1	0.5
6426	**035h10**	BP097550	MXL077f03			7.5	8.7	8.3	1.2	0.4	1.1	0.1
6427	**013h11**	AV639652	HCL002d10			10.5	7.8	7.3	0.7	0.2	1.1	0.4
6428	**141f08**	AV624661	LC080h05			14.4	20.3	19.9	1.6	0.6	1.1	0.2
6429	**115d11**	AV390937	CM088d10			6.0	5.6	5.3	0.9	0.1	1.1	0.2
6430	**109b10**	AV388232	CM024f08			10.0	10.4	10.0	1.1	0.2	1.1	0.3
6431	**016d07**	AV642122	HCL045h11			26.1	40.6	38.4	1.6	0.3	1.1	0.1
6432	**011b04**	AV634371	HC032e09			8.8	11.9	11.2	1.4	0.2	1.1	0.1
6433	**116d07**	AV392969	CM099b01			58.9	79.4	74.8	1.4	0.1	1.1	0.0
6434	**136h06**	AV620979	LC029e04			7.6	7.6	10.3	1.0	0.2	1.1	0.8
6435	**018c02**	AV644309	HCL086a07			18.1	19.4	18.4	1.1	0.2	1.1	0.2
6436	**134a11**	AV618980	LC002b09			67.6	41.1	40.4	0.6	0.1	1.1	0.5
6437	**153f02**	AV630560	LCL080g04			16.8	17.0	15.9	1.0	0.1	1.1	0.2
6438	**113a03**	AV392623	CM062g04			8.2	6.1	5.9	0.8	0.4	1.1	0.1
6439	**028b03**	AV629611	LCL061h11			10.6	8.7	8.6	0.8	0.1	1.1	0.3
6440	**002d06**	AV395184	CL39e03			6.6	8.3	7.9	1.3	0.1	1.1	0.1
6441	**116g06**	AV631883	HC001c05			4.1	2.9	3.1	0.7	0.1	1.1	0.7
6442	**113e04**	AV393211	CM068c12			247.4	257.4	228.2	1.0	0.4	1.1	0.3
6443	**142c12**	AV625092	LC087g07			8.3	8.4	8.1	1.0	0.1	1.1	0.3
6444	**001a09**	AV397632	CL02g06			25.9	27.1	26.8	1.0	0.2	1.1	0.5
6445	**102b09**	AV394186	CL19g03			3.2	2.9	2.8	1.0	0.2	1.1	0.2
6446	**133d03**	BP383772	HCL097c12			5.7	4.9	4.8	0.9	0.3	1.1	0.4
6447	**102e07**	AV394491	CL23d11			4.2	4.0	3.8	1.0	0.3	1.1	0.2
6448	**144e02**	AV626261	LCL005d05			121.9	71.9	73.0	0.6	0.4	1.1	0.8
6449	**110b02**	AV388894	CM033f02			6.2	5.8	5.5	1.1	0.4	1.1	0.1
6450	**150b12**	AV628920	LCL049a05			7.2	7.8	7.3	1.1	0.2	1.1	0.1
6451	**141a07**	AV624243	LC075a02			24.3	29.5	27.2	1.2	0.3	1.1	0.1
6452	**167d04**	BP096013	MXL051a09			30.2	29.5	28.0	1.0	0.1	1.1	0.1
6453	**164f03**	BP094821	MXL030d03			8.0	8.6	8.6	1.1	0.5	1.1	0.5
6454	**131e05**	BP383752	HCL083b12			10.6	10.7	10.3	1.0	0.3	1.1	0.1
6455	**105c03**	AV396361	CL60c06			9.9	6.8	6.5	0.8	0.2	1.1	0.2
6456	**016d12**	AV642236	HCL048a10			2.6	2.4	2.8	0.9	0.2	1.1	0.7
6457	**131c06**	AV643992	HCL079g07			10.0	11.7	11.2	1.2	0.1	1.1	0.2
6458	**119f02**	AV635200	HC043c04			20.4	14.7	14.0	0.7	0.1	1.1	0.3
6459	**138g12**	AV622587	LC051f03			7.3	7.0	7.0	1.0	0.4	1.1	0.4
6460	**014c11**	AV639921	HCL007c05			6.3	5.4	5.1	0.8	0.1	1.1	0.1
6461	**145a01**	AV626450	LCL009c08			21.1	18.6	17.3	0.9	0.1	1.1	0.1
6462	**142a07**	AV624882	LC084a09			8.2	5.6	5.3	0.7	0.1	1.1	0.2
6463	**168h01**	BP096711	MXL063e06			10.0	7.3	8.7	0.6	0.4	1.1	1.0
6464	**137f06**	AV621769	LC040g01			6.8	5.1	4.9	0.8	0.4	1.1	0.2
6465	**132f11**	AV644795	HCL093h06			3.5	4.6	4.4	1.3	0.4	1.1	0.3
6466	**126h12**	AV641597	HCL037b01			30.4	31.7	30.5	1.0	0.1	1.1	0.2
6467	**102f11**	AV394576	CL26g02			3.0	3.2	3.1	1.1	0.2	1.1	0.2
6468	**101e01**	AV393500	CL08h01			3.0	4.2	4.0	1.6	0.5	1.1	0.3
6469	**025d03**	AV627300	LCL024f06			33.7	19.6	18.4	0.6	0.2	1.1	0.1
6470	**013a09**	AV637846	HC078d06			3.0	3.7	3.6	1.2	0.1	1.1	0.3
6471	**130a06**	BP383741	HCL065h03			23.6	23.9	22.8	1.0	0.2	1.1	0.2
6472	**023h05**	AV626206	LCL004c05			12.2	9.4	8.9	0.8	0.1	1.1	0.1
6473	**149a09**	AV628329	LCL040b09			13.3	10.9	10.6	0.8	0.1	1.1	0.4
6474	**172f06**	BP098470	MXL093g10			21.6	17.0	16.4	0.8	0.2	1.1	0.3
6475	**006d01**	AV389708	CM039c05			5.9	7.4	7.0	1.2	0.1	1.1	0.1
6476	**118d06**	AV633736	HC024f05			5.1	3.5	3.5	0.7	0.1	1.1	0.3
6477	**117e04**	AV632779	HC012e03			8.2	8.2	7.8	1.0	0.2	1.1	0.1
6478	**141d05**	AV624444	LC077h04			12.0	12.6	12.0	1.1	0.3	1.1	0.2
6479	**122h03**	AV638979	HC093d03			6.5	5.1	4.8	0.8	0.1	1.1	0.1
6480	**154c11**	BP098888	MXL100h03			7.5	7.5	7.2	1.0	0.1	1.1	0.2
6481	**127d02**	AV641762	HCL039h05			4.2	3.7	3.5	0.9	0.1	1.1	0.2
6482	**007h09**	AV392523	CM062b04			4.0	4.8	4.7	1.2	0.5	1.1	0.6
6483	**150g06**	AV629142	LCL053a01			11.8	12.7	13.4	1.1	0.4	1.1	0.5
6484	**114b12**	AV388945	CM074b05			7.9	5.6	5.5	0.7	0.1	1.1	0.3
6485	**103g07**	AV395484	CL42a09			5.2	4.4	4.3	0.9	0.4	1.1	0.5
6486	**128h02**	AV642570	HCL054a09			4.7	5.3	5.0	1.1	0.1	1.1	0.2
6487	**143f08**	AV625878	LC099c07			14.1	16.5	15.6	1.2	0.2	1.1	0.0
6488	**169d09**	BP096972	MXL068a03			19.0	13.5	13.3	0.7	0.1	1.1	0.4
6489	**163g09**	BP094501	MXL024b02			10.9	14.8	14.9	1.8	2.0	1.1	1.1
6490	**128a11**	AV642155	HCL046e10			29.3	31.3	29.8	1.1	0.3	1.1	0.2
6491	**144a08**	AV626112	LCL002e07			21.6	18.1	18.1	0.8	0.1	1.1	0.3
6492	**006h11**	AV390857	CM048e05			28.8	28.1	27.0	1.0	0.1	1.1	0.1
6493	**029b11**	AV630675	LCL082e08			3.7	2.0	1.9	0.6	0.2	1.1	0.2
6494	**133g11**	AV645220	HCL099g09			67.0	98.9	96.4	1.6	0.8	1.1	0.4
6495	**123h05**	AV639843	HCL006a07			19.7	17.1	16.1	0.9	0.1	1.1	0.1
6496	**110c02**	AV389050	CM034c06			3.7	5.2	5.1	1.5	0.4	1.1	0.3
6497	**023a08**	AV624598	LC080a01			8.2	21.1	19.7	2.6	0.5	1.1	0.1
6498	**021h11**	AV623145	LC059e08			8.1	7.1	6.7	0.9	0.2	1.1	0.1
6499	**120d08**	AV636021	HC054b04			5.6	4.7	4.7	0.8	0.2	1.1	0.4
6500	**020b12**	AV620832	LC027d10			12.7	12.0	11.0	0.9	0.2	1.1	0.2
6501	**025h04**	AV627901	LCL033f05			3.6	4.6	4.4	1.4	0.8	1.1	0.4
6502	**016f09**	AV642422	HCL051e06			8.1	17.2	16.0	2.1	0.9	1.1	0.3
6503	**105c10**	AV396325	CL61f06			8.3	8.5	8.3	1.0	0.1	1.1	0.3
6504	**126d10**	AV641267	HCL030g07			13.4	11.9	11.5	0.9	0.2	1.1	0.3
6505	**116g12**	AV631957	HC002b08			10.2	8.1	7.8	0.8	0.1	1.1	0.2
6506	**138c02**	AV622164	LC046a05			18.4	21.3	22.9	1.1	0.2	1.1	0.6
6507	**015a01**	AV640580	HCL018f04			7.8	13.1	12.5	1.8	0.8	1.1	0.2
6508	**117a05**	AV632093	HC003g12			5.9	3.9	3.8	0.7	0.2	1.1	0.2
6509	**171d12**	BP097935	MXL083g08			24.8	41.3	39.7	1.7	0.4	1.1	0.2
6510	**158e10**	BP087664	MX040h05			7.4	5.8	5.5	0.8	0.2	1.1	0.3
6511	**167h06**	BP096235	MXL055a07			6.6	13.2	12.7	1.9	0.5	1.1	0.6
6512	**009a11**	AV390485	CM083e04			5.5	4.1	5.3	0.8	0.5	1.1	0.9
6513	**011c06**	AV634563	HC035a03			12.1	8.6	8.2	0.7	0.2	1.1	0.3
6514	**146h05**	AV627277	LCL024c03			20.1	22.0	20.7	1.1	0.1	1.1	0.2
6515	**027a08**	AV628777	LCL046h08			5.9	5.9	5.8	1.1	0.3	1.1	0.2
6516	**155f10**	AV631547	LCL096a06			12.7	16.2	15.4	1.3	0.1	1.1	0.1
6517	**020h05**	AV621575	LC038a03			18.9	13.0	12.6	0.7	0.0	1.1	0.2
6518	**172e02**	BP098397	MXL092g03			20.6	18.4	17.6	0.9	0.1	1.1	0.2
6519	**140a08**	BP383806	LC065f12			52.0	40.8	40.8	0.8	0.1	1.1	0.4
6520	**140b05**	AV623641	LC066f08			5.3	5.9	5.8	1.1	0.2	1.1	0.3
6521	**149h05**	AV628713	LCL046a10			49.4	46.3	45.5	0.9	0.0	1.1	0.2
6522	**006c01**	AV389424	CM036f08			13.9	16.8	16.0	1.2	0.1	1.1	0.0
6523	**003a02**	AV395852	CL52e02			4.3	5.6	5.6	1.3	0.1	1.1	0.4
6524	**007a05**	AV390968	CM049c05			11.9	14.0	13.2	1.2	0.2	1.1	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
6525	**151g11**	AV629696	LCL063h11			6.3	6.6	6.3	1.1	0.2	1.1	0.2
6526	**146b08**	AV627016	LCL019h03			15.8	14.8	14.3	0.9	0.1	1.1	0.2
6527	**025h05**	AV627902	LCL033f07			10.8	11.6	11.1	1.1	0.1	1.1	0.2
6528	**124g10**	BP098712	MXL097g07			9.7	10.5	10.3	1.1	0.1	1.1	0.3
6529	**109g07**	AV388444	CM029f04			5.7	4.9	4.8	0.9	0.3	1.1	0.2
6530	**124f11**	AV640227	HCL012e08			10.2	9.9	9.6	1.0	0.1	1.1	0.2
6531	**108d03**	AV387220	CM018b12			6.3	5.6	5.5	0.9	0.1	1.1	0.2
6532	**164e01**	BP094757	MXL028h08			8.1	10.1	9.6	1.3	0.3	1.1	0.2
6533	**117g06**	AV633091	HC016f06			12.9	9.4	11.5	0.7	0.3	1.1	0.7
6534	**104c04**	AV395644	CL46d03			7.7	7.6	7.5	1.0	0.2	1.1	0.3
6535	**142c03**	BP383820	LC085g07			6.3	5.4	5.3	0.9	0.1	1.1	0.2
6536	**023h04**	AV626189	LCL003h10			2.7	3.5	3.4	1.5	0.7	1.1	0.2
6537	**015e12**	AV641240	HCL030c10			17.6	13.8	13.3	0.8	0.2	1.1	0.3
6538	**011d08**	AV634848	HC038g04			72.4	82.7	85.8	1.1	0.1	1.1	0.4
6539	**115d07**	AV391149	CM087c09			8.3	7.4	7.1	0.9	0.1	1.1	0.1
6540	**159e11**	BP087868	MX045d03			483.1	311.2	302.7	0.6	0.4	1.1	0.8
6541	**010f07**	AV633242	HC018e01			4.7	8.1	7.8	1.9	0.8	1.1	0.2
6542	**116g09**	AV631890	HC001c12			35.9	39.0	38.6	1.1	0.2	1.1	0.3
6543	**002h03**	AV395728	CL50c06			8.5	8.1	7.9	1.0	0.3	1.1	0.2
6544	**143a04**	AV625540	LC094c12			29.1	17.8	17.1	0.6	0.1	1.1	0.4
6545	**135d09**	AV619956	LC015e07			11.5	7.7	7.3	0.7	0.1	1.1	0.3
6546	**031a03**	BP086348	MX007a11			41.5	34.6	36.1	0.8	0.2	1.1	0.5
6547	**131g08**	BP098764	MXL098g02			8.0	8.3	8.0	1.1	0.1	1.1	0.2
6548	**154a07**	AV630771	LCL084b01			28.0	27.0	26.3	1.0	0.1	1.1	0.2
6549	**028c03**	AV629804	LCL066d11			24.6	21.2	20.0	0.8	0.1	1.1	0.4
6550	**004d05**	AV386814	CM007h02			20.7	22.8	30.7	1.2	0.3	1.1	0.8
6551	**018h03**	AV619154	LC004e04			3.4	5.4	5.0	1.6	0.4	1.1	0.3
6552	**116g04**	AV631864	HC001a03			9.7	10.9	10.4	1.1	0.3	1.1	0.1
6553	**030c10**	AV631528	LCL095f11			5.2	4.9	4.8	1.0	0.1	1.1	0.3
6554	**033d08**	BP094363	MXL022a07			6.3	8.5	8.3	1.4	0.2	1.1	0.2
6555	**002a04**	AV394781	CL28d03			6.3	9.9	12.1	1.6	0.4	1.1	0.6
6556	**114g04**	AV390532	CM080d01			16.0	20.8	20.0	1.3	0.2	1.1	0.2
6557	**019b11**	AV619668	LC011e09			8.7	3.2	3.5	0.4	0.2	1.1	0.6
6558	**125h03**	AV640823	HCL023a02			8.8	7.5	7.2	0.9	0.3	1.1	0.1
6559	**020a09**	AV620730	LC026b01			11.6	11.5	10.9	1.0	0.4	1.0	0.1
6560	**151e03**	AV629529	LCL060d01			25.8	27.0	28.1	1.1	0.2	1.0	0.4
6561	**126e01**	AV641281	HCL031a02			11.5	10.9	11.0	1.0	0.3	1.0	0.4
6562	**114g01**	AV389785	CM080a06			5.5	6.3	5.7	1.2	0.6	1.0	0.4
6563	**034a03**	BP095151	MXL036g02			70.4	66.8	64.4	0.9	0.1	1.0	0.2
6564	**151e02**	AV629521	LCL060b12			21.1	18.0	17.7	0.9	0.1	1.0	0.3
6565	**119d01**	AV634920	HC039f10			4.7	4.2	4.0	1.0	0.4	1.0	0.2
6566	**145e12**	AV626758	LCL014h12			25.8	37.6	36.6	1.5	0.3	1.0	0.2
6567	**005a11**	AV387270	CM018f09			10.4	8.3	8.5	0.8	0.4	1.0	0.5
6568	**167f02**	BP096122	MXL053b01			12.8	12.1	13.3	0.9	0.2	1.0	0.7
6569	**108b06**	AV387433	CM016h03			4.7	4.5	4.4	1.0	0.1	1.0	0.1
6570	**023f03**	AV625261	LC090b01			7.9	7.9	7.7	1.1	0.3	1.0	0.2
6571	**004b12**	AV386632	CM004d02			7.0	7.7	7.4	1.3	0.8	1.0	0.3
6572	**008d09**	AV387595	CM069f02			10.5	12.6	12.5	1.2	0.2	1.0	0.3
6573	**127c06**	AV641722	HCL039c11			10.4	10.4	9.9	1.0	0.2	1.0	0.1
6574	**015g03**	AV641343	HCL031h12			10.3	11.5	11.6	1.2	0.4	1.0	0.3
6575	**167e06**	BP096094	MXL052e12			11.6	13.4	16.1	1.1	0.2	1.0	0.7
6576	**005d05**	AV387778	CM023g09			70.9	84.0	83.4	1.2	0.1	1.0	0.2
6577	**006b10**	AV389318	CM036a10			7.7	8.9	8.7	1.2	0.3	1.0	0.2
6578	**105g11**	AV396783	CL69c12			12.4	14.1	13.5	1.1	0.1	1.0	0.0
6579	**126b03**	AV641037	HCL026f04			5.2	5.6	5.4	1.1	0.1	1.0	0.2
6580	**131h05**	AV644350	HCL086h03			7.6	8.1	8.0	1.1	0.3	1.0	0.2
6581	**150g05**	AV629141	LCL052h12			15.0	16.4	15.9	1.1	0.1	1.0	0.3
6582	**013b05**	AV638070	HC081e03			169.0	111.9	110.4	0.7	0.2	1.0	0.5
6583	**139g01**	AV623310	LC061h12			5.3	4.2	4.2	0.8	0.1	1.0	0.3
6584	**163d01**	BP094236	MXL019h10			13.0	7.5	8.8	0.7	0.2	1.0	0.5
6585	**109d02**	AV388084	CM025e08			19.9	16.1	15.5	0.8	0.2	1.0	0.2
6586	**136e07**	AV620744	LC026c07			4.7	4.0	4.0	0.8	0.3	1.0	0.4
6587	**014f09**	AV640300	HCL013h06			4.7	5.8	5.7	1.2	0.2	1.0	0.4
6588	**142d09**	AV625172	LC088h02			30.6	27.4	26.3	0.9	0.2	1.0	0.1
6589	**160c06**	BP088514	MX062c10			11.1	9.6	10.3	0.9	0.5	1.0	0.6
6590	**119e08**	AV635146	HC042e04			7.2	6.7	6.7	0.9	0.2	1.0	0.3
6591	**135e08**	BP383780	LC016f01			4.7	4.9	4.9	1.1	0.2	1.0	0.3
6592	**143e09**	AV625794	LC097h08			5.5	5.2	5.1	0.9	0.1	1.0	0.2
6593	**103b03**	AV395050	CL31h09			5.0	5.0	5.0	1.3	0.7	1.0	0.4
6594	**005c01**	AV397469	CM020h02			7.6	9.2	9.2	1.2	0.3	1.0	0.4
6595	**135a01**	AV619608	LC010f12			15.3	14.8	16.2	1.0	0.1	1.0	0.5
6596	**111h06**	AV391242	CM052a08			7.1	6.5	6.2	0.9	0.0	1.0	0.1
6597	**128b09**	AV642216	HCL047f06			19.9	21.6	20.7	1.1	0.1	1.0	0.1
6598	**116a04**	AV392041	CM094c05			3.4	4.1	4.1	1.2	0.4	1.0	0.2
6599	**013g03**	AV639313	HC097g07			9.1	11.5	11.0	1.3	0.2	1.0	0.1
6600	**105e06**	AV396556	CL65a05			7.0	5.4	5.2	0.8	0.1	1.0	0.1
6601	**031b12**	BP086648	MX013f08			8.6	7.5	7.4	0.9	0.2	1.0	0.3
6602	**003b04**	AV396025	CL55c08			6.8	7.7	7.3	1.1	0.0	1.0	0.2
6603	**003e04**	AV396769	CL66b12			7.1	10.5	11.1	1.5	0.4	1.0	0.5
6604	**008b10**	AV393041	CM066g08			15.9	11.9	11.6	0.7	0.1	1.0	0.3
6605	**125f09**	AV640747	HCL021g06			20.8	23.1	21.9	1.2	0.6	1.0	0.4
6606	**109b07**	AV388240	CM024c11			3.9	4.2	4.1	1.1	0.2	1.0	0.1
6607	**128b11**	AV642222	HCL047g02			70.8	58.2	56.2	0.8	0.0	1.0	0.1
6608	**139a04**	AV622762	LC054b09			6.5	4.3	4.2	0.7	0.3	1.0	0.3
6609	**113g09**	AV397357	CM070e09			9.2	9.6	9.7	1.1	0.2	1.0	0.2
6610	**024h09**	AV626901	LCL017g01			22.1	41.9	43.4	2.0	0.8	1.0	0.5
6611	**034c05**	BP095543	MXL043f02			10.8	11.4	10.8	1.1	0.2	1.0	0.2
6612	**029c04**	AV630728	LCL083d04			27.4	9.3	8.9	0.3	0.1	1.0	0.2
6613	**152b10**	AV629830	LCL067a12			9.7	9.0	8.8	0.9	0.1	1.0	0.2
6614	**138e07**	AV622327	LC048b12			13.1	30.1	29.2	2.5	0.9	1.0	0.2
6615	**015h08**	AV641531	HCL035f02			11.2	15.5	15.4	1.4	0.4	1.0	0.4
6616	**105e04**	AV396669	CL64e11			6.7	6.4	6.2	1.0	0.1	1.0	0.1
6617	**107a12**	AV386813	CM007a08			8.2	11.5	11.0	1.4	0.1	1.0	0.2
6618	**148g08**	AV628186	LCL038a03			5.4	5.9	6.3	1.1	0.3	1.0	0.6
6619	**113e08**	AV393224	CM068f03			13.5	9.4	9.7	0.9	0.4	1.0	0.4
6620	**035b05**	BP096651	MXL062d09			7.0	6.0	5.8	0.9	0.1	1.0	0.2
6621	**133a12**	AV644954	HCL095h08			10.8	10.9	10.5	1.0	0.2	1.0	0.4
6622	**145h03**	AV626883	LCL017c12			36.1	34.1	34.3	0.9	0.2	1.0	0.2
6623	**018e10**	AV618952	LC001g10			23.5	32.6	31.1	1.6	0.8	1.0	0.1
6624	**153b07**	AV630358	LCL077g07			13.2	12.4	12.0	1.0	0.2	1.0	0.1
6625	**111e02**	AV390780	CM047g06			7.3	6.8	6.5	0.9	0.1	1.0	0.0
6626	**021e04**	AV622433	LC049f09			43.5	42.6	41.2	1.0	0.2	1.0	0.1
6627	**147e01**	AV627549	LCL028d05			22.5	22.9	22.1	1.0	0.1	1.0	0.1
6628	**022h06**	AV624363	LC076f12			10.8	12.0	11.5	1.1	0.1	1.0	0.2
6629	**035e04**	BP097071	MXL069e11			7.9	7.9	7.8	1.0	0.1	1.0	0.1
6630	**102h09**	BP098615	MXL096c10			9.3	8.9	9.7	1.0	0.3	1.0	0.6
6631	**119f03**	AV635205	HC043c10			29.2	34.2	33.0	1.2	0.2	1.0	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
6632	**108c04**	AV388159	CM017d08			55.7	45.9	44.6	0.8	0.1	1.0	0.2
6633	**154c05**	AV630876	LCL085e12			7.1	63.5	61.2	9.0	1.1	1.0	0.1
6634	**148f03**	AV628110	LCL036h05			18.7	16.0	15.6	0.9	0.1	1.0	0.2
6635	**011g08**	AV635483	HC046h05			59.6	38.8	37.4	0.6	0.2	1.0	0.3
6636	**143e04**	AV625751	LC097d03			15.7	13.2	14.4	0.9	0.2	1.0	0.5
6637	**013h09**	AV639633	HCL002b08			3.7	4.9	5.0	1.4	0.8	1.0	0.6
6638	**016a12**	AV641671	HCL038e01			9.6	7.0	7.7	0.9	0.6	1.0	0.7
6639	**137g08**	AV621878	LC042b04			7.6	15.3	13.7	2.3	1.7	1.0	0.4
6640	**113h01**	AV397419	CM070h01			6.0	7.7	7.5	1.3	0.4	1.0	0.3
6641	**033a12**	BP094005	MXL016h02			11.0	8.5	9.4	0.8	0.1	1.0	0.6
6642	**131h11**	AV644387	HCL087f06			10.1	10.7	10.3	1.1	0.2	1.0	0.1
6643	**034f02**	BP096000	MXL050g12			26.5	23.7	22.9	0.9	0.1	1.0	0.2
6644	**013e01**	AV638754	HC090d03			7.0	10.0	9.5	1.4	0.1	1.0	0.3
6645	**150e11**	AV629057	LCL051a10			11.0	18.0	16.9	1.6	0.4	1.0	0.2
6646	**018c12**	AV644424	HCL088c04			2.2	3.1	3.1	1.3	0.6	1.0	0.7
6647	**114f03**	AV388585	CM078f02			9.7	9.1	8.7	0.9	0.2	1.0	0.2
6648	**021f10**	AV622724	LC053f05			9.4	7.5	7.3	0.8	0.1	1.0	0.2
6649	**126d02**	AV641215	HCL029h09			5.3	5.4	5.3	1.1	0.3	1.0	0.2
6650	**143a08**	AV625555	LC094e10			8.1	6.6	6.5	0.9	0.2	1.0	0.3
6651	**108d11**	AV387319	CM019d04			6.9	7.0	6.7	1.1	0.3	1.0	0.1
6652	**133h08**	AV645280	HCL100e12			6.5	6.9	6.8	1.1	0.2	1.0	0.2
6653	**136d03**	AV620647	LC024h10			7.4	6.4	6.8	0.9	0.2	1.0	0.5
6654	**147e12**	AV627597	LCL029c01			3.5	4.0	3.9	1.2	0.2	1.0	0.3
6655	**106h09**	AV386652	CM004c09			12.1	12.0	11.6	1.0	0.1	1.0	0.2
6656	**127g03**	AV641981	HCL043d09			19.5	14.6	14.7	0.8	0.0	1.0	0.3
6657	**145e10**	AV626741	LCL014g01			5.3	8.9	8.6	1.7	0.6	1.0	0.2
6658	**109h10**	AV388691	CM031d07			7.3	5.9	5.7	0.8	0.1	1.0	0.4
6659	**017b05**	AV642896	HCL060b02			14.5	14.0	13.9	1.0	0.2	1.0	0.4
6660	**115b04**	AV390703	CM084h01			154.3	173.3	167.2	1.1	0.0	1.0	0.3
6661	**028c07**	AV629837	LCL067c04			7.0	8.4	7.9	1.2	0.3	1.0	0.3
6662	**127c01**	AV641697	HCL038h04			8.1	9.7	9.3	1.2	0.2	1.0	0.3
6663	**110c09**	AV389114	CM035c04			4.4	4.4	5.0	1.0	0.2	1.0	0.5
6664	**005f05**	AV387631	CM027c10			9.9	10.2	10.0	1.1	0.3	1.0	0.1
6665	**005e01**	AV388220	CM024f11			73.6	83.0	82.2	1.2	0.4	1.0	0.3
6666	**152a01**	AV629739	LCL065a06			17.5	12.6	12.2	0.7	0.1	1.0	0.3
6667	**109b03**	AV387816	CM023g10			10.2	18.5	21.5	1.9	0.3	1.0	0.7
6668	**152d08**	AV629964	LCL070b04			22.5	26.0	25.0	1.2	0.1	1.0	0.0
6669	**133d05**	AV645043	HCL097d04			9.6	9.3	9.2	1.0	0.3	1.0	0.3
6670	**171g06**	BP098068	MXL086d08			20.2	42.7	38.3	2.0	1.3	1.0	0.6
6671	**135d06**	AV619930	LC015b10			6.4	6.1	6.0	1.0	0.1	1.0	0.2
6672	**107h09**	AV387088	CM013g07			384.1	344.7	343.3	0.9	0.1	1.0	0.2
6673	**006f08**	AV390273	CM044g03			44.3	60.4	54.8	1.2	0.4	1.0	0.6
6674	**118e07**	AV633900	HC026f12			5.1	4.7	4.5	0.9	0.1	1.0	0.1
6675	**109h01**	AV388543	CM030b05			14.3	10.6	10.3	0.7	0.2	1.0	0.2
6676	**106c03**	AV397117	CL76f02			72.2	56.7	54.5	0.8	0.3	1.0	0.0
6677	**155d03**	AV631395	LCL093b12			9.4	9.3	8.9	1.3	0.7	1.0	0.2
6678	**146g09**	AV627245	LCL023e09			137.5	113.7	122.6	0.8	0.0	1.0	0.5
6679	**138d06**	AV622234	LC046h08			13.7	8.5	8.3	0.6	0.3	1.0	0.5
6680	**169e02**	BP096987	MXL068c09			7.2	5.8	5.7	0.8	0.1	1.0	0.4
6681	**016g04**	BP383731	HCL052h07			27.9	25.6	32.6	0.9	0.2	1.0	0.6
6682	**113e10**	AV393257	CM068f11			147.0	187.9	180.5	1.3	0.1	1.0	0.2
6683	**101h09**	AV394132	CL17b07			4.6	4.9	4.8	1.1	0.3	1.0	0.1
6684	**016c02**	AV641863	HCL041e06			8.1	7.0	6.8	0.9	0.4	1.0	0.2
6685	**151a04**	AV629294	LCL056a08			10.2	13.0	13.1	1.3	0.2	1.0	0.3
6686	**137e01**	AV621601	LC038c11			38.5	34.9	33.7	1.1	0.5	1.0	0.1
6687	**145b04**	AV626534	LCL010g08			19.8	16.7	18.7	0.9	0.1	1.0	0.5
6688	**169c05**	BP096891	MXL066e10			8.5	9.4	9.5	1.3	0.9	1.0	0.4
6689	**106b05**	AV397069	CL75c04			20.8	18.6	17.6	0.9	0.6	1.0	0.6
6690	**149f08**	AV628582	LCL044b02			4.2	4.0	3.9	1.0	0.2	1.0	0.1
6691	**149f05**	AV628556	LCL043g01			57.8	58.7	57.3	1.0	0.1	1.0	0.1
6692	**032g09**	BP093627	MXL011b06			6.1	4.7	4.7	0.8	0.2	1.0	0.2
6693	**149h12**	AV628763	LCL046g02			3.4	6.6	6.2	1.9	1.1	1.0	0.4
6694	**138h09**	AV622721	LC053e12			8.1	6.8	6.7	0.8	0.0	1.0	0.3
6695	**104g04**	AV396002	CL53e10			7.6	7.7	7.5	1.0	0.3	1.0	0.3
6696	**171e06**	BP097968	MXL084d06			9.3	12.8	13.2	1.3	0.4	1.0	0.6
6697	**112h11**	AV392551	CM062d10			12.3	10.6	10.4	0.9	0.2	1.0	0.1
6698	**169d10**	BP096973	MXL068a05			48.0	53.7	53.9	1.4	0.9	1.0	0.4
6699	**138c12**	AV622214	LC046f09			9.5	35.8	36.4	3.8	0.4	1.0	0.3
6700	**125c12**	AV640588	HCL018g03			15.2	16.8	16.8	1.1	0.2	1.0	0.3
6701	**125d08**	AV640619	HCL019c11			5.9	5.0	5.0	0.9	0.1	1.0	0.2
6702	**105c07**	AV396332	CL61a01			9.2	9.3	9.1	1.0	0.3	1.0	0.1
6703	**023h11**	AV626241	LCL004h11			2.6	2.2	2.1	0.8	0.2	1.0	0.2
6704	**130b08**	AV643276	HCL066f12			9.5	9.7	9.4	1.0	0.2	1.0	0.1
6705	**141e11**	AV624582	LC079f12			22.7	20.7	22.3	1.2	0.6	1.0	0.4
6706	**157d02**	BP086832	MX017h06			14.1	29.8	28.6	2.1	0.2	1.0	0.1
6707	**106e09**	AV386526	CM001f05			10.8	10.2	10.9	1.0	0.2	1.0	0.4
6708	**003e01**	AV396649	CL64e12			3.2	4.0	3.9	1.3	0.4	1.0	0.3
6709	**147d08**	AV627537	LCL028b10			4.6	4.3	4.4	1.0	0.3	1.0	0.4
6710	**018a05**	AV644089	HCL081f01			5.6	7.0	6.7	1.3	0.4	1.0	0.2
6711	**026h09**	AV628670	LCL045d07			6.5	7.3	7.2	1.1	0.1	1.0	0.1
6712	**137f05**	AV621766	LC040f10			5.6	5.0	4.9	0.9	0.1	1.0	0.2
6713	**117g05**	AV633084	HC016e11			7.3	8.9	8.6	1.2	0.1	1.0	0.3
6714	**032a03**	BP087588	MX038b09			6.5	5.8	5.8	1.0	0.3	1.0	0.2
6715	**115e02**	AV391094	CM088f08			7.7	7.8	7.5	1.0	0.1	1.0	0.1
6716	**115b06**	AV390664	CM084h05			11.8	10.5	10.1	1.0	0.2	1.0	0.1
6717	**019g11**	AV620294	LC020b11			7.3	5.8	6.7	0.8	0.2	1.0	0.6
6718	**015c08**	AV640969	HCL025e08			6.6	6.6	7.2	1.0	0.2	1.0	0.5
6719	**128h01**	AV642569	HCL054a08			5.7	6.3	6.4	1.1	0.0	1.0	0.3
6720	**172h09**	BP098579	MXL095g10			8.6	9.2	9.6	1.1	0.1	1.0	0.5
6721	**170h06**	BP097637	MXL078h02			4.1	4.6	5.6	1.0	0.7	1.0	0.9
6722	**136h07**	AV620980	LC029e06			87.2	70.8	69.7	0.9	0.2	1.0	0.1
6723	**148a11**	AV627828	LCL032f04			12.5	10.4	10.5	0.8	0.1	1.0	0.4
6724	**145d04**	AV626658	LCL013b05			13.6	16.5	16.0	1.2	0.1	1.0	0.2
6725	**017a12**	AV642857	HCL059d04			65.2	31.0	29.6	0.5	0.1	1.0	0.3
6726	**024f08**	AV626716	LCL014b11			11.1	10.9	10.5	1.0	0.0	1.0	0.2
6727	**106a01**	AV396995	CL73e02			1.5	2.2	2.2	1.5	0.7	1.0	0.5
6728	**135g05**	AV620218	LC019b09			11.4	9.8	9.6	0.9	0.1	1.0	0.1
6729	**116d02**	AV392679	CM098f07			4.5	4.9	4.7	1.1	0.3	1.0	0.1
6730	**013h04**	AV639618	HCL002a03			12.7	10.1	9.8	0.9	0.3	1.0	0.1
6731	**002g04**	AV395719	CL47h11			7.1	8.0	8.0	1.2	0.3	1.0	0.3
6732	**026c09**	AV628260	LCL039c04			18.6	20.2	22.2	1.1	0.1	1.0	0.4
6733	**150f08**	AV629103	LCL052a12			12.3	12.9	12.7	1.1	0.1	1.0	0.2
6734	**113d08**	AV393106	CM067d07			9.0	9.8	9.7	1.1	0.2	1.0	0.2
6735	**105b05**	AV396189	CL58c01			17.4	9.1	8.7	0.6	0.1	1.0	0.3
6736	**106g12**	AV386581	CM003g05			16.6	21.2	20.5	1.3	0.3	1.0	0.1
6737	**110b10**	AV388981	CM034b05			10.7	11.1	10.8	1.1	0.2	1.0	0.1
6738	**012b08**	AV636250	HC057a08			9.7	9.2	11.1	1.0	0.1	1.0	0.6

	A	B	C	D	E	F	G	H	I	J	K	L
6739	**013d12**	AV638730	HC090a10			6.3	6.3	6.0	1.0	0.1	1.0	0.2
6740	**117f02**	AV632850	HC013d09			23.3	22.6	23.2	1.0	0.1	1.0	0.3
6741	**154b01**	AV630788	LCL084d01			42.2	41.1	50.5	1.0	0.0	1.0	0.5
6742	**026f11**	AV628514	LCL043a12			53.1	37.6	36.5	0.7	0.2	1.0	0.1
6743	**166e12**	BP095714	MXL046c10			22.9	29.6	28.3	1.3	0.1	1.0	0.2
6744	**115g02**	AV391364	CM090f07			8.5	8.9	8.8	1.0	0.1	1.0	0.3
6745	**169f09**	BP098882	MXL100g08			26.5	25.1	25.2	1.0	0.4	1.0	0.4
6746	**130g05**	AV643686	HCL074b05			5.4	7.2	6.9	1.3	0.2	1.0	0.3
6747	**015b11**	AV640772	HCL022b08			12.2	9.1	10.8	0.9	0.4	1.0	0.5
6748	**137g09**	BP383793	LC042c08			218.5	226.4	225.3	1.0	0.0	1.0	0.3
6749	**020g10**	AV621481	LC036g04			4.3	6.5	6.4	1.5	0.5	1.0	0.4
6750	**161g03**	BP093300	MXL006d08			5.6	4.4	5.1	0.8	0.2	1.0	0.6
6751	**141f09**	AV624682	LC081b09			8.8	5.2	5.2	0.6	0.3	1.0	0.4
6752	**115f06**	BP383684	CM089h08			7.7	7.0	7.4	0.9	0.2	1.0	0.4
6753	**123c07**	AV639448	HC099e06			9.1	7.5	7.7	0.8	0.1	1.0	0.3
6754	**153d02**	AV630461	LCL079b10			59.0	45.8	50.6	0.8	0.1	1.0	0.4
6755	**125b04**	AV640442	HCL016d02			7.4	6.6	6.5	0.9	0.2	1.0	0.2
6756	**021c05**	AV622123	LC045d08			12.7	10.5	10.6	0.8	0.1	1.0	0.2
6757	**153f09**	AV630591	LCL081c01			14.3	15.4	14.8	1.1	0.3	1.0	0.2
6758	**141f12**	AV624692	LC081c09			8.0	7.8	7.9	1.0	0.1	1.0	0.2
6759	**160d08**	BP088607	MX064g12			7.0	7.6	7.1	1.0	0.2	1.0	0.3
6760	**134g04**	AV619500	LC009b07			4.6	6.4	6.3	1.4	0.6	1.0	0.3
6761	**127f12**	AV641968	HCL043c01			10.9	10.1	10.0	1.0	0.2	1.0	0.3
6762	**111e01**	AV390765	CM047g04			9.1	15.8	15.8	1.8	0.4	1.0	0.2
6763	**149a07**	AV628318	LCL040a07			7.8	6.5	6.4	0.9	0.2	1.0	0.2
6764	**125a01**	AV640365	HCL015a04			11.6	11.4	11.2	1.0	0.1	1.0	0.1
6765	**012c05**	AV636421	HC059c05			27.3	28.4	27.7	1.1	0.1	1.0	0.1
6766	**152a08**	AV629777	LCL066a03			28.2	36.5	35.7	1.3	0.1	1.0	0.1
6767	**126a12**	AV641015	HCL026c06			13.1	14.0	14.2	1.1	0.2	1.0	0.2
6768	**149c05**	AV628434	LCL041g11			13.1	20.0	19.4	1.6	0.2	1.0	0.1
6769	**152c04**	AV629858	LCL067g07			9.9	7.8	7.6	0.8	0.2	1.0	0.3
6770	**165g11**	BP095353	MXL040d09			26.6	31.6	31.2	1.1	0.6	1.0	0.7
6771	**149d11**	AV628498	LCL042g08			10.7	10.4	10.3	1.0	0.1	1.0	0.2
6772	**008b02**	AV392870	CM065a07			7.0	14.8	16.0	2.2	0.7	1.0	0.5
6773	**003h10**	AV397343	CL80f06			10.7	12.5	11.6	1.0	0.6	1.0	0.8
6774	**023f11**	AV626011	LCL001a10			2.9	3.1	3.3	1.1	0.2	1.0	0.4
6775	**106a10**	AV396479	CL74d04			36.9	37.1	37.3	1.0	0.4	1.0	0.4
6776	**124h05**	AV640331	HCL014d04			9.1	9.4	9.1	1.1	0.3	1.0	0.0
6777	**131h02**	AV644333	HCL086e08			30.0	30.0	31.6	1.0	0.1	1.0	0.4
6778	**111b01**	AV390184	CM043d02			40.1	66.3	77.0	1.7	0.4	1.0	0.5
6779	**112a03**	AV391333	CM053d04			39.7	56.4	55.1	1.6	0.5	1.0	0.1
6780	**105h05**	AV396824	CL70f04			14.2	15.3	14.7	1.1	0.2	1.0	0.2
6781	**111a10**	AV390173	CM043a02			19.8	18.4	19.0	0.9	0.2	1.0	0.4
6782	**121h03**	AV637603	HC075c06			6.5	6.0	5.8	0.9	0.3	1.0	0.2
6783	**015e11**	AV641205	HCL029g02			13.1	13.8	13.7	1.1	0.4	1.0	0.4
6784	**119f09**	AV635282	HC044d01			10.3	10.1	10.2	1.0	0.3	1.0	0.2
6785	**153e07**	AV630523	LCL080c01			5.3	4.6	4.6	0.9	0.2	1.0	0.3
6786	**125b08**	AV640460	HCL016f08			3.5	3.2	3.2	0.9	0.2	1.0	0.5
6787	**025e08**	AV627490	LCL027e08			119.7	74.5	73.8	0.6	0.1	1.0	0.4
6788	**109h02**	AV388558	CM030b10			4.0	4.2	4.4	1.1	0.2	1.0	0.3
6789	**111a01**	AV390029	CM041f01			3.6	4.1	4.1	1.3	0.5	1.0	0.2
6790	**007h08**	AV392522	CM062b02			162.1	145.4	139.7	0.9	0.1	1.0	0.1
6791	**110h12**	AV390016	CM041d10			3.8	3.5	3.5	1.0	0.1	1.0	0.1
6792	**114g11**	AV389952	CM081d01			23.9	21.7	21.2	0.9	0.0	1.0	0.1
6793	**152d09**	AV629971	LCL070c05			7.0	9.6	9.2	1.4	0.3	1.0	0.3
6794	**022g01**	AV624154	LC073f10			37.3	29.2	28.9	0.8	0.2	1.0	0.4
6795	**012f12**	AV637276	HC071a04			9.6	7.8	7.9	0.8	0.3	1.0	0.4
6796	**138h08**	AV622716	LC053e05			20.1	19.2	19.5	1.0	0.3	1.0	0.5
6797	**120h03**	AV636476	HC060a06			9.2	8.9	10.4	1.0	0.2	1.0	0.6
6798	**018a03**	AV644083	HCL081e05			26.4	26.4	26.0	1.0	0.1	1.0	0.1
6799	**115f10**	AV391346	CM090b03			40.3	36.7	34.7	0.9	0.2	1.0	0.5
6800	**136g06**	AV620878	LC028a07			5.9	8.8	8.6	1.5	0.3	1.0	0.2
6801	**153d05**	AV630471	LCL079d03			17.7	18.9	18.5	1.2	0.4	1.0	0.1
6802	**165f08**	BP095303	MXL039f04			120.5	103.3	100.7	1.0	0.4	1.0	0.1
6803	**020g11**	AV621485	LC036g08			5.3	5.2	5.3	1.0	0.3	1.0	0.3
6804	**121g12**	BP383714	HC074g04			11.0	10.2	10.8	0.9	0.1	1.0	0.3
6805	**022f10**	AV624117	LC073b09			10.9	9.9	9.7	0.9	0.0	1.0	0.2
6806	**134d04**	AV619209	LC005b09			195.0	230.4	232.5	1.2	0.1	1.0	0.2
6807	**105c12**	AV396329	CL61f11			5.0	6.1	6.2	1.2	0.3	1.0	0.4
6808	**118b08**	AV633519	HC021g03			10.2	8.7	8.5	0.9	0.1	1.0	0.3
6809	**151d04**	AV629456	LCL059a09			6.0	6.2	6.1	1.1	0.3	1.0	0.1
6810	**013d01**	AV638555	HC087h04			3.3	6.2	6.3	2.0	0.5	1.0	0.3
6811	**035g08**	BP097398	MXL075a11			17.4	16.2	15.9	1.0	0.2	1.0	0.1
6812	**171c10**	BP097847	MXL082c06			36.9	38.1	37.5	1.0	0.1	1.0	0.2
6813	**147d02**	AV627502	LCL027f12			9.7	13.1	13.0	1.3	0.1	1.0	0.1
6814	**036b11**	BP097912	MXL083d10			118.0	56.0	67.7	0.5	0.3	1.0	0.8
6815	**128f07**	AV642465	HCL052d01			4.0	3.5	3.5	0.9	0.2	1.0	0.3
6816	**155d08**	AV631414	LCL093e05			51.9	62.7	63.7	1.2	0.1	1.0	0.3
6817	**025a10**	AV627045	LCL020c05			10.6	8.3	8.6	0.8	0.1	1.0	0.4
6818	**018e12**	AV618992	LC002d01			4.5	5.0	5.1	1.0	0.3	1.0	0.9
6819	**151e06**	AV629545	LCL060f12			9.1	8.3	8.2	0.9	0.2	1.0	0.2
6820	**123d01**	AV639503	HC100c01			9.9	9.6	10.1	1.0	0.3	1.0	0.5
6821	**113g10**	AV397387	CM070f10			8.3	5.9	5.8	0.7	0.2	1.0	0.4
6822	**021f12**	AV622738	LC053g07			10.6	10.1	10.2	1.0	0.1	1.0	0.3
6823	**113e12**	AV397364	CM068h03			14.6	14.8	16.0	1.0	0.2	1.0	0.3
6824	**158h04**	BP087706	MX041h02			16.9	12.6	13.4	0.8	0.3	1.0	0.6
6825	**031h02**	BP087402	MX033g07			5.3	4.2	4.3	0.8	0.2	1.0	0.4
6826	**023b11**	AV624778	LC082f01			23.2	19.6	19.7	0.9	0.1	1.0	0.2
6827	**108a02**	AV387367	CM014f06			4.8	6.5	6.5	1.4	0.4	1.0	0.2
6828	**115h08**	AV391743	CM093d01			64.3	40.3	40.5	0.7	0.2	1.0	0.2
6829	**015a06**	AV640683	HCL020e03			19.1	24.9	24.6	1.5	0.7	1.0	0.1
6830	**134b02**	AV618999	LC002d09			27.4	30.4	29.7	1.1	0.0	1.0	0.2
6831	**028a06**	AV629570	LCL061b11			3.9	2.9	2.9	0.7	0.1	1.0	0.3
6832	**136c10**	AV620636	LC024g02			6.3	5.2	5.1	0.8	0.2	1.0	0.2
6833	**014c01**	AV639850	HCL006b03			8.2	13.1	13.6	2.0	1.1	1.0	0.3
6834	**118c02**	AV633607	HC022h06			6.4	6.1	6.4	1.0	0.2	1.0	0.3
6835	**015g09**	AV641420	HCL033c11			0.8	1.2	1.2	1.6	1.1	1.0	0.6
6836	**106a11**	AV396485	CL74g03			2.5	3.0	3.1	1.2	0.1	1.0	0.3
6837	**121e10**	AV637282	HC071b01			17.7	12.6	13.1	0.7	0.1	1.0	0.3
6838	**139d08**	BP383802	LC058c09			11.0	20.0	19.7	1.9	0.6	1.0	0.1
6839	**154c08**	AV630886	LCL085g04			14.8	13.8	13.6	1.0	0.3	1.0	0.1
6840	**163e10**	BP094361	MXL022a01			6.2	4.9	4.9	0.9	0.3	1.0	0.2
6841	**105a05**	AV396130	CL56f12			5.0	6.6	6.5	1.4	0.2	1.0	0.2
6842	**030b03**	AV631390	LCL093b04			15.0	14.3	14.3	1.0	0.3	1.0	0.2
6843	**005a07**	AV388209	CM017h10			17.7	16.7	21.6	1.2	0.7	1.0	0.6
6844	**146a03**	AV626937	LCL018d12			9.9	6.4	6.3	0.7	0.1	1.0	0.2
6845	**116e12**	AV393121	CM100d08			3.9	4.3	4.4	1.1	0.2	1.0	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
6846	**126g03**	AV641445	HCL033g01			7.8	7.2	7.2	0.9	0.1	1.0	0.3
6847	**148h04**	AV628227	LCL038g02			12.7	10.1	10.5	0.8	0.0	1.0	0.3
6848	**153e11**	AV630550	LCL080f02			10.3	11.5	12.4	1.1	0.1	1.0	0.5
6849	**144d01**	AV626235	LCL004h03			27.6	18.4	18.3	0.7	0.0	1.0	0.1
6850	**004e12**	AV386964	CM010d04			3.8	23.3	22.6	8.3	3.7	1.0	0.4
6851	**123e08**	AV639621	HCL002a06			5.0	4.5	4.5	0.9	0.1	1.0	0.2
6852	**134f05**	AV619441	LC008d07			4.7	4.6	4.6	1.0	0.3	1.0	0.2
6853	**113e09**	AV393256	CM068f10			128.7	110.4	108.7	0.9	0.0	1.0	0.2
6854	**011c07**	AV634595	HC035d05			13.8	18.8	19.0	1.4	0.1	1.0	0.2
6855	**019h03**	AV620325	LC020e12			6.4	7.3	7.1	1.1	0.1	1.0	0.1
6856	**113e02**	AV393159	CM068a08			50.4	47.4	48.0	1.0	0.1	1.0	0.3
6857	**128f02**	AV642453	HCL052b03			13.2	13.0	12.6	1.0	0.1	1.0	0.1
6858	**022h09**	AV624429	LC077f07			127.9	134.6	146.6	1.1	0.2	1.0	0.4
6859	**152h09**	AV630242	LCL076a02			16.0	12.4	12.4	0.8	0.3	1.0	0.4
6860	**135e06**	BP383779	LC016d01			9.8	10.2	10.6	1.0	0.2	1.0	0.4
6861	**115a08**	AV390455	CM083c12			85.8	70.8	71.1	0.8	0.1	1.0	0.3
6862	**113f07**	AV387658	CM069d05			16.1	15.5	15.5	1.0	0.1	1.0	0.2
6863	**156e01**	BP086143	MX002g01			89.9	156.9	159.6	1.7	0.2	1.0	0.4
6864	**132d10**	AV644693	HCL092d05			14.7	13.2	13.0	0.9	0.2	1.0	0.3
6865	**120a05**	AV635655	HC049b07			39.8	23.4	23.5	0.6	0.1	1.0	0.3
6866	**147g01**	AV627663	LCL030c03			28.2	26.5	26.8	0.9	0.1	1.0	0.2
6867	**003h06**	AV397184	CL79f10			4.6	5.0	5.0	1.1	0.2	1.0	0.3
6868	**106c09**	AV397290	CL77h10			40.3	35.1	34.6	0.9	0.1	1.0	0.1
6869	**147g03**	AV627669	LCL030c11			11.8	10.5	10.6	0.9	0.1	1.0	0.3
6870	**105c05**	AV396390	CL60f10			11.3	13.7	13.5	1.2	0.2	1.0	0.1
6871	**149b08**	AV628373	LCL040g04			12.2	9.0	9.3	0.7	0.1	1.0	0.3
6872	**112h01**	AV392343	CM060h12			4.4	4.2	4.1	1.0	0.2	1.0	0.2
6873	**138f05**	AV622450	LC049h08			9.4	8.8	8.7	0.9	0.1	1.0	0.1
6874	**165b07**	BP095106	MXL035h09			16.6	21.5	21.2	1.3	0.2	1.0	0.1
6875	**104c05**	AV395631	CL46f02			26.0	27.5	26.6	1.1	0.0	1.0	0.2
6876	**142g01**	AV625388	LC091h06			52.2	41.4	42.3	0.8	0.1	1.0	0.3
6877	**140c09**	AV623743	LC068a11			13.1	13.6	13.4	1.1	0.2	1.0	0.2
6878	**011d07**	AV634829	HC038e05			84.0	94.4	94.7	1.1	0.2	1.0	0.2
6879	**137f03**	AV621746	LC040d08			14.4	9.4	10.8	0.7	0.2	1.0	0.5
6880	**140h07**	AV624131	LC073d02			22.5	22.1	21.6	1.0	0.1	1.0	0.1
6881	**013h07**	AV639624	HCL002a09			13.4	12.5	12.3	0.9	0.3	1.0	0.3
6882	**125d02**	AV640601	HCL018h11			4.8	4.2	4.3	0.9	0.4	1.0	0.4
6883	**169f01**	BP097036	MXL069a06			261.7	237.4	235.5	0.9	0.0	1.0	0.3
6884	**002a06**	AV394813	CL28g10			11.1	11.1	10.9	1.0	0.2	1.0	0.2
6885	**136b05**	AV620468	LC022e08			27.7	29.4	29.0	1.1	0.1	1.0	0.1
6886	**146h03**	AV627273	LCL024b09			18.2	15.6	15.4	0.9	0.2	1.0	0.1
6887	**126f12**	AV641424	HCL033d03			11.8	9.6	10.3	0.9	0.2	1.0	0.4
6888	**013g05**	AV639348	HC098c02			57.4	50.0	49.2	0.9	0.3	1.0	0.2
6889	**157h03**	BP087190	MX027g08			2.9	2.8	4.2	0.9	0.3	1.0	0.9
6890	**129d09**	AV642854	HCL059c12			8.7	6.9	6.8	0.8	0.1	1.0	0.0
6891	**132b09**	AV644527	HCL090a11			20.7	23.7	23.1	1.1	0.4	1.0	0.4
6892	**017g09**	AV643676	HCL074a04			6.3	8.7	9.8	1.3	0.6	1.0	0.8
6893	**002f03**	AV395551	CL43g10			5.1	5.5	5.6	1.1	0.3	1.0	0.4
6894	**148f12**	AV628148	LCL037e02			6.5	6.4	6.4	1.0	0.3	1.0	0.3
6895	**108e12**	AV397510	CM020e12			7.2	5.5	5.6	0.8	0.1	1.0	0.4
6896	**119g05**	AV635359	HC045d05			11.7	12.4	14.5	1.4	0.8	1.0	0.5
6897	**005c05**	AV387931	CM021h05			11.1	11.1	10.9	1.0	0.1	1.0	0.1
6898	**102g02**	AV394699	CL27a01			5.9	6.6	6.7	1.2	0.5	1.0	0.4
6899	**111c10**	AV390389	CM045h10			36.5	45.2	45.5	1.3	0.2	1.0	0.2
6900	**151d01**	AV629429	LCL058f04			22.9	15.7	16.2	0.7	0.1	1.0	0.2
6901	**113g03**	AV389359	CM070b08			4.8	5.5	5.4	1.1	0.2	1.0	0.2
6902	**023c09**	AV624937	LC084g08			8.2	7.1	7.0	0.9	0.1	1.0	0.2
6903	**119d11**	AV635046	HC041c02			12.8	11.4	11.5	0.9	0.1	1.0	0.2
6904	**101b01**	AV393325	CL01g05			2.8	4.1	4.1	2.0	1.2	1.0	0.1
6905	**016h10**	BP383733	HCL056d07			10.5	8.8	8.5	0.8	0.5	1.0	0.6
6906	**118c07**	AV633655	HC023e12			28.5	21.3	20.6	0.7	0.1	1.0	0.1
6907	**107c07**	AV386723	CM008e07			133.2	132.0	129.5	1.0	0.0	1.0	0.1
6908	**035f07**	BP097244	MXL072d06			18.6	16.6	16.5	0.9	0.1	1.0	0.1
6909	**113c07**	AV392898	CM065c04			119.5	127.4	126.0	1.1	0.1	1.0	0.4
6910	**118h06**	AV634352	HC032c10			4.4	4.0	4.0	0.9	0.0	1.0	0.2
6911	**134g03**	AV619495	LC009a12			10.3	10.0	9.9	1.0	0.4	1.0	0.1
6912	**107g02**	AV387109	CM012b11			9.0	11.8	12.3	1.4	0.7	1.0	0.2
6913	**154f02**	AV631031	LCL087h01			12.3	13.2	13.0	1.1	0.2	1.0	0.0
6914	**015g08**	AV641419	HCL033c10			8.9	10.5	10.5	1.2	0.3	1.0	0.4
6915	**018a06**	AV644091	HCL081f05			12.8	13.0	13.5	1.4	1.0	1.0	0.4
6916	**147b11**	AV627420	LCL026d10			10.7	12.6	12.2	1.2	0.2	1.0	0.3
6917	**162e08**	BP093809	MXL014b02			12.4	15.9	15.9	1.3	0.2	1.0	0.2
6918	**172e11**	BP098437	MXL093c08			7.4	24.2	23.6	3.8	2.5	1.0	0.4
6919	**145g05**	AV626838	LCL016c11			10.6	12.2	12.1	1.2	0.1	1.0	0.1
6920	**129a12**	BP383732	HCL055f01			19.1	17.9	21.1	0.9	0.2	1.0	0.6
6921	**122d10**	AV638271	HC084b08			180.8	170.4	185.8	1.0	0.1	1.0	0.3
6922	**114e07**	AV388588	CM078a12			139.8	141.3	136.7	1.0	0.1	1.0	0.3
6923	**110b07**	AV388947	CM033g10			5.6	4.3	4.2	0.8	0.1	1.0	0.2
6924	**119b02**	AV634603	HC035e02			6.2	5.5	5.4	0.9	0.1	1.0	0.2
6925	**137e09**	AV621685	LC039f05			5.5	11.2	11.1	2.1	0.4	1.0	0.1
6926	**142d07**	AV625164	LC088f12			6.7	5.8	5.6	0.9	0.2	1.0	0.1
6927	**162e05**	BP093767	MXL013d12			38.3	44.9	44.5	1.2	0.1	1.0	0.1
6928	**134g12**	AV619545	LC009g10			4.3	5.1	5.1	1.2	0.1	1.0	0.2
6929	**153c07**	AV630423	LCL078f06			7.3	6.2	6.1	0.9	0.2	1.0	0.1
6930	**130c11**	BP383742	HCL068f08			49.0	33.0	32.5	0.7	0.2	1.0	0.1
6931	**101b09**	AV397620	CL02g03			6.8	6.7	9.3	1.0	0.1	1.0	0.7
6932	**128f10**	AV642478	HCL052e07			14.0	14.3	14.3	1.0	0.2	1.0	0.2
6933	**142b05**	AV624958	LC085a09			18.9	21.6	21.2	1.1	0.1	1.0	0.0
6934	**134a03**	AV618902	LC001b03			9.1	8.2	8.3	0.9	0.2	1.0	0.2
6935	**025g06**	AV627799	LCL032b12			12.3	19.7	19.4	1.6	0.1	1.0	0.0
6936	**123g01**	AV639738	HCL004a11			15.8	14.6	14.3	0.9	0.2	1.0	0.1
6937	**162h07**	BP093991	MXL016f07			6.5	5.3	9.6	0.7	0.5	1.0	1.1
6938	**158f04**	BP087673	MX041b02			89.7	68.9	69.9	0.8	0.2	1.0	0.3
6939	**008d04**	AV397514	CM069a11			28.1	21.1	23.2	0.7	0.3	1.0	0.6
6940	**119e04**	AV635077	HC041f01			104.9	100.6	105.6	1.0	0.1	1.0	0.3
6941	**008g08**	AV389537	CM076c11			20.8	18.7	18.4	0.9	0.1	1.0	0.1
6942	**151g01**	AV629633	LCL062d06			31.0	23.8	24.3	0.8	0.1	1.0	0.2
6943	**029e02**	AV630878	LCL085f02			30.7	24.8	33.1	0.8	0.0	1.0	0.6
6944	**126d07**	AV641257	HCL030f03			43.9	51.1	54.1	1.2	0.4	1.0	0.5
6945	**165d12**	BP095207	MXL038a09			13.9	19.1	18.7	1.4	0.1	1.0	0.1
6946	**138d10**	AV622268	LC047d04			63.5	55.9	60.0	0.9	0.2	1.0	0.4
6947	**134d07**	AV619220	LC005c11			18.2	18.0	17.9	1.0	0.0	1.0	0.1
6948	**146d03**	AV627078	LCL020g03			10.6	11.2	11.6	1.1	0.2	1.0	0.3
6949	**136f01**	AV620775	LC026f08			19.7	23.1	22.4	1.2	0.1	1.0	0.2
6950	**152e07**	AV630014	LCL071a09			4.9	4.2	4.2	0.9	0.2	1.0	0.2
6951	**114d07**	AV389719	CM076f01			5.0	4.6	4.6	1.0	0.2	1.0	0.1
6952	**104e01**	AV395756	CL50d09			7.3	12.3	12.2	1.8	0.3	1.0	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
6953	**162f10**	BP093882	MXL015b02			14.2	9.2	9.1	0.6	0.2	1.0	0.3
6954	**167h01**	BP096222	MXL054h01			10.8	7.9	12.7	0.7	0.6	1.0	1.1
6955	**033h02**	BP094987	MXL033h06			7.6	9.0	9.3	1.2	0.5	1.0	0.4
6956	**101f11**	AV393914	CL13b11			2.9	3.3	3.4	1.2	0.2	1.0	0.3
6957	**147f02**	AV627609	LCL029d10			63.2	54.7	54.3	0.9	0.0	1.0	0.1
6958	**104f05**	AV395878	CL52a04			40.5	40.3	41.0	1.0	0.3	1.0	0.4
6959	**144d07**	AV626246	LCL005a08			41.1	44.8	43.9	1.1	0.1	1.0	0.1
6960	**008c04**	AV393147	CM068a05			5.9	6.0	6.1	1.0	0.1	1.0	0.2
6961	**154d07**	AV630956	LCL086h01			17.6	15.8	15.8	1.0	0.3	1.0	0.2
6962	**127a06**	AV641611	HCL037d05			10.9	9.7	9.6	0.9	0.2	1.0	0.1
6963	**140e04**	AV623867	LC069g05			292.6	268.0	296.8	1.0	0.2	1.0	0.4
6964	**161f09**	BP093263	MXL005h02			12.3	9.6	9.8	0.7	0.2	1.0	0.5
6965	**018a07**	AV644093	HCL081f09			4.8	6.4	6.5	1.4	0.7	1.0	0.5
6966	**036d10**	BP098252	MXL090b12			6.8	6.2	6.8	0.9	0.1	1.0	0.4
6967	**107a10**	AV386793	CM007a03			111.6	106.1	103.0	0.9	0.2	1.0	0.6
6968	**119a08**	AV634553	HC034h04			10.8	11.8	11.6	1.1	0.1	1.0	0.0
6969	**147f08**	AV627642	LCL029h08			11.4	20.3	20.0	1.8	0.6	1.0	0.2
6970	**123c03**	AV639414	HC099a07			51.0	30.7	37.7	0.6	0.3	1.0	0.8
6971	**151b04**	AV629344	LCL057a02			15.7	13.3	14.4	0.9	0.1	1.0	0.4
6972	**025b06**	AV627137	LCL021f12			21.0	15.0	18.9	0.8	0.2	1.0	0.5
6973	**032c12**	BP093149	MXL004b08			8.4	8.7	8.7	1.1	0.2	1.0	0.3
6974	**118c12**	AV633700	HC024b07			8.4	5.2	5.2	0.6	0.1	1.0	0.2
6975	**151h03**	AV629710	LCL064b11			16.6	11.1	11.7	0.7	0.1	1.0	0.4
6976	**101a08**	AV393341	CL01d08			16.8	16.0	18.3	1.0	0.3	1.0	0.5
6977	**009a07**	AV390217	CM082d03			20.4	21.6	23.7	1.1	0.4	1.0	0.4
6978	**147d05**	AV627520	LCL027h12			14.6	14.1	13.9	1.0	0.1	1.0	0.0
6979	**013c11**	AV638473	HC086g11			42.4	42.6	42.2	1.0	0.1	1.0	0.1
6980	**112c01**	AV391605	CM055c12			18.6	24.9	26.0	1.3	0.3	1.0	0.5
6981	**118g09**	AV634245	HC031a01			34.8	27.0	26.2	0.8	0.2	1.0	0.3
6982	**150b11**	AV628914	LCL048h08			9.4	10.0	10.0	1.1	0.1	1.0	0.1
6983	**150a03**	AV628776	LCL046h06			22.4	18.4	20.2	0.8	0.1	1.0	0.4
6984	**105c02**	AV397919	CL59h12			8.2	10.6	11.6	1.4	0.4	1.0	0.3
6985	**117d11**	AV632731	HC011h08			5.4	4.8	4.8	0.9	0.2	1.0	0.1
6986	**125h01**	AV640818	HCL022h06			7.5	6.0	6.4	0.8	0.0	1.0	0.4
6987	**137d07**	AV621530	LC037c12			9.0	7.8	7.6	0.9	0.2	1.0	0.2
6988	**130h11**	BP383746	HCL075d07			14.1	12.2	12.9	0.9	0.2	1.0	0.3
6989	**152a03**	AV629745	LCL065b02			4.1	3.7	3.7	0.9	0.3	1.0	0.1
6990	**022f09**	AV624108	LC073a08			12.6	11.3	11.2	0.9	0.2	1.0	0.2
6991	**025b11**	AV627163	LCL022a11			13.3	8.3	8.2	0.6	0.1	1.0	0.1
6992	**002h09**	AV395926	CL51f10			17.5	18.4	18.0	1.0	0.2	1.0	0.1
6993	**014e02**	AV640084	HCL010a10			35.8	37.3	41.1	1.1	0.3	1.0	0.4
6994	**128g01**	AV642482	HCL052f02			4.7	4.6	4.9	1.0	0.2	1.0	0.3
6995	**166f11**	BP095733	MXL046e10			25.6	26.6	26.6	1.0	0.0	1.0	0.3
6996	**028h08**	AV630394	LCL078b12			6.7	4.5	4.5	0.7	0.1	1.0	0.2
6997	**133a11**	AV644953	HCL095h07			10.9	10.8	11.1	1.0	0.2	1.0	0.4
6998	**017d02**	AV643165	HCL064h07			1.8	1.8	1.9	1.1	0.2	1.0	0.2
6999	**116d04**	AV392694	CM098h11			22.7	17.0	17.3	0.8	0.1	1.0	0.3
7000	**152d01**	AV629923	LCL069b06			27.7	24.2	27.1	0.9	0.3	1.0	0.6
7001	**017g06**	AV643646	HCL073c10			7.7	7.4	7.3	1.0	0.1	1.0	0.0
7002	**153b01**	AV630316	LCL077b07			89.3	71.6	71.6	0.8	0.4	1.0	0.4
7003	**159f03**	BP087913	MX046f03			9.4	8.4	8.6	0.9	0.1	1.0	0.3
7004	**021b04**	AV621999	LC043g01			6.7	7.6	7.6	1.3	0.6	1.0	0.2
7005	**017e05**	AV643289	HCL067a08			3.1	3.5	3.5	1.1	0.2	1.0	0.5
7006	**156h06**	BP086409	MX008c02			21.8	22.8	27.5	1.1	0.7	1.0	0.8
7007	**118b03**	AV633452	HC020h12			37.4	48.0	49.6	1.4	0.4	1.0	0.2
7008	**124d01**	AV640110	HCL010e12			6.3	6.2	6.2	1.0	0.2	1.0	0.2
7009	**162d06**	BP093691	MXL012a12			7.8	9.9	9.8	1.3	0.2	1.0	0.2
7010	**142h06**	AV625505	LC093h01			4.4	6.4	6.3	1.6	0.4	1.0	0.1
7011	**171g09**	BP098090	MXL086h03			86.5	49.9	49.5	0.7	0.3	1.0	0.2
7012	**170g06**	BP097583	MXL078a11			4.0	4.6	5.3	1.1	0.5	1.0	0.8
7013	**008h02**	AV388020	CM077c01			3.6	3.6	3.6	1.0	0.3	1.0	0.3
7014	**105b02**	AV396259	CL57h06			65.9	68.3	67.7	1.0	0.1	1.0	0.0
7015	**109b09**	AV388289	CM024d09			8.7	9.0	9.1	1.0	0.0	1.0	0.3
7016	**116d10**	AV393292	CM099d12			7.4	7.9	8.3	1.1	0.2	1.0	0.2
7017	**161f11**	BP093271	MXL005h10			15.3	14.2	14.0	1.0	0.4	1.0	0.2
7018	**165e08**	BP095242	MXL038f10			6.9	9.3	9.8	1.4	0.2	1.0	0.3
7019	**149d02**	AV628465	LCL042c09			4.4	4.0	4.1	0.9	0.1	1.0	0.2
7020	**102c04**	AV394297	CL20e02			7.2	8.1	8.6	1.1	0.2	1.0	0.3
7021	**121a02**	AV636582	HC061d08			7.9	8.3	8.2	1.1	0.0	1.0	0.1
7022	**002c01**	AV394928	CL34d03			12.0	24.1	25.5	2.2	0.8	1.0	0.3
7023	**020b07**	AV620799	LC027a06			12.6	10.6	10.5	0.9	0.3	1.0	0.1
7024	**148c01**	AV627883	LCL033c12			11.7	9.9	9.8	0.9	0.2	1.0	0.2
7025	**109g12**	AV388486	CM030a02			33.6	30.8	29.8	0.9	0.2	1.0	0.3
7026	**009h09**	AV631901	HC001e03			14.9	12.6	12.6	0.8	0.1	1.0	0.2
7027	**105f03**	AV396730	CL66d06			17.6	14.5	14.3	0.8	0.2	1.0	0.1
7028	**111b05**	AV390202	CM043h01			16.3	13.5	13.7	0.8	0.1	1.0	0.2
7029	**153c04**	AV630392	LCL078b09			25.6	22.4	22.7	1.0	0.4	1.0	0.1
7030	**135a12**	AV619683	LC011g01			9.6	9.6	9.6	1.0	0.1	1.0	0.1
7031	**123e04**	AV639615	HCL001h09			10.3	10.6	10.5	1.0	0.2	1.0	0.2
7032	**137b01**	AV621213	LC032g08			5.2	3.6	3.9	0.7	0.1	1.0	0.4
7033	**146g10**	AV627251	LCL023g05			10.4	9.5	9.2	0.9	0.2	1.0	0.1
7034	**005b09**	AV397471	CM020d11			18.4	21.1	20.8	1.2	0.2	1.0	0.1
7035	**163h12**	BP094579	MXL025c01			13.4	12.1	19.8	1.0	0.4	1.0	0.8
7036	**017h09**	AV643964	HCL079c02			6.0	7.6	7.5	1.3	0.7	1.0	0.4
7037	**139g10**	AV623388	LC063a08			11.4	13.8	16.4	1.1	0.3	1.0	0.7
7038	**108d10**	AV387272	CM018h09			5.1	5.0	5.1	1.0	0.2	1.0	0.3
7039	**148d09**	AV628013	LCL035c12			5.7	5.0	5.2	0.9	0.1	1.0	0.3
7040	**111h05**	AV391230	CM051g11			100.7	104.8	105.1	1.0	0.1	1.0	0.3
7041	**121h06**	AV637674	HC076b01			26.7	24.4	24.8	0.9	0.1	1.0	0.3
7042	**109g08**	AV388453	CM029f12			163.7	145.7	142.1	0.9	0.2	1.0	0.5
7043	**029e06**	AV630915	LCL086c06			2.1	1.4	1.4	0.7	0.3	1.0	0.4
7044	**104b05**	AV397781	CL45a05			107.8	87.2	89.9	0.9	0.4	1.0	0.2
7045	**107e04**	AV386962	CM010c04			11.0	11.0	11.0	1.0	0.1	1.0	0.0
7046	**149h08**	AV628720	LCL046b07			8.9	9.4	9.7	1.1	0.4	1.0	0.4
7047	**008b05**	AV392952	CM065h12			9.3	7.7	7.6	0.9	0.2	1.0	0.2
7048	**101e11**	AV393767	CL11a09			9.3	8.0	13.4	0.9	0.1	1.0	0.9
7049	**137f08**	AV621777	LC040g09			12.0	9.0	9.0	0.8	0.2	1.0	0.1
7050	**128f05**	AV642457	HCL052b10			13.8	13.1	13.7	0.9	0.2	1.0	0.5
7051	**031c02**	BP086659	MX013h01			10.1	8.1	8.3	0.8	0.1	1.0	0.3
7052	**146g08**	AV627240	LCL023d09			13.5	10.3	10.3	0.8	0.3	1.0	0.2
7053	**014g10**	AV640459	HCL016f07			7.9	9.0	9.8	1.1	0.4	1.0	0.7
7054	**113h12**	AV388681	CM071h12			7.7	9.4	9.8	1.2	0.1	1.0	0.4
7055	**169c10**	BP096920	MXL067b03			15.4	14.5	15.4	1.0	0.4	1.0	0.4
7056	**135a07**	AV619651	LC011c09			15.2	12.5	12.3	0.8	0.1	1.0	0.3
7057	**134b08**	AV619020	LC002f11			22.1	18.6	20.2	0.8	0.2	1.0	0.5
7058	**139h07**	AV623447	LC063h08			9.4	8.2	9.1	0.9	0.3	1.0	0.6
7059	**111f08**	AV391006	CM049d10			48.0	43.5	43.1	0.9	0.2	1.0	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
7060	**127f10**	AV641954	HCL043a05			42.1	41.1	40.5	1.1	0.6	1.0	0.1
7061	**121f05**	AV637351	HC072a09			31.8	33.8	34.0	1.1	0.2	1.0	0.2
7062	**026b04**	AV628107	LCL036g10			8.8	9.7	9.8	1.1	0.2	1.0	0.1
7063	**122b08**	AV637925	HC079d11			4.6	3.8	4.0	0.8	0.1	1.0	0.4
7064	**033f11**	BP094760	MXL028h12			12.6	11.3	11.9	0.9	0.2	1.0	0.3
7065	**122h08**	AV639024	HC094a02			10.3	10.8	11.1	1.1	0.3	1.0	0.2
7066	**034a04**	BP095159	MXL036h01			9.1	7.0	7.1	0.8	0.3	1.0	0.3
7067	**132f06**	AV644780	HCL093f09			5.1	4.5	4.4	0.9	0.2	1.0	0.2
7068	**166c07**	BP095553	MXL043g01			14.1	16.1	16.1	1.2	0.5	1.0	0.1
7069	**108g12**	AV387846	CM022b01			4.6	4.8	4.7	1.0	0.4	1.0	0.1
7070	**129f09**	AV642989	HCL061g04			6.9	6.9	7.1	1.0	0.1	1.0	0.2
7071	**163g03**	BP094465	MXL023e02			6.8	4.8	5.4	0.7	0.3	1.0	0.7
7072	**123e09**	AV639625	HCL002a10			19.5	16.2	18.4	0.8	0.2	1.0	0.5
7073	**030c12**	AV631544	LCL096a01			5.8	5.5	5.6	1.0	0.2	1.0	0.2
7074	**005g05**	AV388339	CM028h07			5.6	6.4	6.4	1.1	0.1	1.0	0.3
7075	**115d01**	AV390109	CM086g02			9.0	16.3	16.7	1.8	0.2	1.0	0.2
7076	**112b08**	AV391535	CM055a12			12.5	12.1	12.1	1.0	0.0	1.0	0.2
7077	**029f03**	AV630947	LCL086g02			12.5	13.7	13.7	1.1	0.2	1.0	0.2
7078	**035f06**	BP097238	MXL072c07			13.6	10.7	10.7	0.8	0.1	1.0	0.2
7079	**118g12**	AV634277	HC031d02			8.8	5.3	5.5	0.6	0.1	1.0	0.3
7080	**101h07**	AV394130	CL17a07			3.3	2.1	2.2	0.7	0.2	1.0	0.3
7081	**112f02**	AV392050	CM058b07			8.8	7.1	7.3	0.8	0.2	1.0	0.3
7082	**013g11**	AV639572	HCL001b10			7.2	6.6	6.9	0.9	0.2	1.0	0.5
7083	**034e03**	BP095862	MXL048e03			6.2	5.2	5.9	0.8	0.2	1.0	0.6
7084	**013e06**	AV638814	HC091b08			9.7	8.4	8.5	0.9	0.1	1.0	0.1
7085	**129d10**	AV642864	HCL059e06			16.9	16.4	16.4	1.0	0.1	1.0	0.1
7086	**132a12**	AV644462	HCL089a06			10.0	9.7	9.8	1.0	0.1	1.0	0.3
7087	**149d08**	AV628477	LCL042e03			13.8	11.9	13.0	0.9	0.1	1.0	0.2
7088	**028c04**	AV629808	LCL066e05			9.5	7.4	7.8	0.8	0.1	1.0	0.3
7089	**109c10**	AV388081	CM025d04			8.5	7.0	7.0	0.8	0.2	1.0	0.1
7090	**151b10**	AV629374	LCL057f02			6.8	5.7	5.7	0.8	0.0	1.0	0.2
7091	**145e05**	AV626722	LCL014c11			5.9	9.1	9.0	1.6	0.6	1.0	0.3
7092	**027e04**	AV629233	LCL054h08			24.1	13.5	13.3	0.6	0.1	1.0	0.1
7093	**018b09**	AV644229	HCL084d06			4.2	3.8	4.0	0.9	0.3	1.0	0.6
7094	**148a03**	AV627779	LCL031h07			49.9	38.1	42.6	0.8	0.1	1.0	0.3
7095	**143c03**	AV625637	LC095g07			16.7	15.1	16.5	0.9	0.3	1.0	0.5
7096	**105d12**	AV396523	CL63f03			9.5	8.0	8.4	0.8	0.1	1.0	0.3
7097	**167h05**	BP096229	MXL054h10			5.6	5.1	6.8	0.8	0.4	1.0	1.0
7098	**138g11**	AV622583	LC051e11			16.8	15.5	16.7	1.0	0.3	1.0	0.3
7099	**108h08**	AV387882	CM022g02			20.4	14.4	14.6	0.7	0.1	1.0	0.2
7100	**142d04**	AV625126	LC088c02			32.3	34.4	35.6	1.2	0.4	1.0	0.3
7101	**137d02**	AV621506	LC037a06			14.4	6.6	6.6	0.5	0.2	1.0	0.2
7102	**101f10**	AV393896	CL13b03			3.8	4.7	4.8	1.3	0.6	1.0	0.3
7103	**117h10**	AV633265	HC018g01			13.1	7.2	7.3	0.6	0.2	1.0	0.3
7104	**110f05**	AV389619	CM038e02			9.8	7.2	7.2	0.7	0.1	1.0	0.1
7105	**128c10**	AV642280	HCL048h08			8.8	7.3	7.4	0.9	0.2	1.0	0.2
7106	**149e12**	AV628539	LCL043e02			3.6	3.7	3.8	1.0	0.1	1.0	0.1
7107	**027b09**	AV628969	LCL049g03			13.1	9.8	11.1	0.7	0.2	1.0	0.6
7108	**166b09**	BP095497	MXL042g03			18.9	22.9	26.0	1.5	0.7	1.0	0.5
7109	**002g10**	AV397754	CL49f12			2.6	2.8	3.1	1.1	0.1	1.0	0.6
7110	**167e03**	BP096079	MXL052c05			15.5	15.1	15.2	1.0	0.2	1.0	0.2
7111	**145b10**	AV626553	LCL011b07			31.3	17.4	17.7	0.5	0.2	1.0	0.5
7112	**123c02**	AV639389	HC098g03			5.1	5.1	5.1	1.0	0.1	1.0	0.1
7113	**123h09**	AV639875	HCL006e06			8.5	10.5	10.7	1.2	0.1	1.0	0.2
7114	**006c06**	AV389582	CM038d08			4.6	6.3	6.5	1.4	0.1	1.0	0.2
7115	**028d04**	AV629899	LCL068e12			1.7	1.3	1.4	0.8	0.3	1.0	0.4
7116	**036b03**	BP097788	MXL081d06			21.9	15.7	15.8	0.7	0.2	1.0	0.1
7117	**006e03**	AV390031	CM041f02			12.3	24.1	23.9	1.9	0.2	1.0	0.2
7118	**101h08**	AV394114	CL17a10			8.1	8.1	9.0	1.0	0.0	1.0	0.3
7119	**151d05**	AV629460	LCL059b01			11.6	11.2	11.3	1.1	0.3	1.0	0.1
7120	**132d08**	AV644689	HCL092c09			614.5	511.8	515.4	0.8	0.2	1.0	0.1
7121	**134d11**	AV619247	LC005f08			23.0	23.3	23.2	1.0	0.3	1.0	0.1
7122	**107b01**	AV386792	CM007b02			5.9	5.7	5.6	1.1	0.5	1.0	0.3
7123	**013d06**	AV638627	HC088f12			4.8	3.6	3.6	0.7	0.1	1.0	0.2
7124	**113f11**	AV387694	CM069h02			9.5	5.9	6.1	0.6	0.2	1.0	0.2
7125	**111f06**	AV390969	CM049c09			7.8	7.0	6.9	1.0	0.4	1.0	0.3
7126	**141h03**	AV624786	LC082f11			146.4	150.9	154.7	1.0	0.1	1.0	0.3
7127	**029c05**	AV630738	LCL083e07			6.9	3.8	3.8	0.6	0.3	1.0	0.3
7128	**154h10**	AV631199	LCL090b06			7.5	6.9	7.3	0.9	0.2	1.0	0.4
7129	**106b11**	AV397063	CL75h12			3.3	2.9	3.1	0.9	0.2	1.0	0.3
7130	**105e09**	AV396603	CL65e11			24.3	33.6	34.0	1.7	1.0	1.0	0.2
7131	**027f09**	AV629333	LCL056g07			3.8	5.6	5.8	1.5	0.3	1.0	0.2
7132	**132h09**	AV644867	HCL094h03			10.3	10.6	11.2	1.0	0.1	1.0	0.3
7133	**117c06**	AV632447	HC008d01			67.8	67.9	69.7	1.0	0.1	1.0	0.2
7134	**106b09**	AV397062	CL75g12			11.0	10.2	12.5	0.9	0.2	1.0	0.6
7135	**119b12**	AV634758	HC037e07			12.4	24.4	24.4	2.2	1.1	1.0	0.2
7136	**009a10**	AV390421	CM082h12			27.8	24.0	23.9	0.9	0.1	1.0	0.1
7137	**130g10**	AV643703	HCL074e03			11.2	9.7	10.0	0.9	0.1	1.0	0.3
7138	**021d05**	AV622310	LC047h11			25.7	23.6	23.8	0.9	0.2	1.0	0.4
7139	**032f07**	BP093516	MXL009e05			8.9	7.0	7.0	0.8	0.1	1.0	0.2
7140	**141d02**	AV624431	LC077f09			149.3	141.6	143.4	1.0	0.5	1.0	0.4
7141	**155e04**	AV631449	LCL094b06			20.7	25.6	26.5	1.3	0.2	1.0	0.2
7142	**151e08**	AV629558	LCL060h11			8.6	7.1	7.2	0.8	0.1	1.0	0.1
7143	**142h04**	AV625498	LC093g02			15.3	11.9	12.0	0.8	0.2	1.0	0.2
7144	**034f03**	BP096007	MXL050h09			31.7	26.0	28.6	0.8	0.1	1.0	0.3
7145	**027h10**	AV629518	LCL060b08			7.7	7.5	7.5	1.0	0.1	1.0	0.2
7146	**115g09**	AV391548	CM091f06			9.2	6.0	6.6	0.7	0.2	1.0	0.3
7147	**028c11**	AV629853	LCL067f08			15.4	15.9	15.9	1.1	0.1	1.0	0.2
7148	**113d02**	AV393055	CM066g09			30.7	37.1	37.3	1.2	0.2	1.0	0.3
7149	**146e12**	AV627153	LCL021h09			7.4	5.9	5.9	0.8	0.1	1.0	0.1
7150	**005e05**	AV388066	CM025e07			7.5	8.7	8.7	1.2	0.2	1.0	0.1
7151	**151f11**	AV629628	LCL062c06			10.5	9.0	9.2	0.9	0.2	1.0	0.1
7152	**165e05**	BP095231	MXL038e04			126.1	96.5	98.5	0.8	0.2	1.0	0.2
7153	**157d05**	BP086873	MX019c12			48.5	29.6	32.9	0.6	0.2	1.0	0.6
7154	**024c08**	AV626480	LCL009h03			11.3	11.2	12.2	1.0	0.3	1.0	0.3
7155	**017c09**	AV643058	HCL063a05			5.6	5.7	6.0	1.0	0.7	1.0	0.8
7156	**140h12**	AV624157	LC073g01			21.8	11.1	10.9	0.5	0.2	1.0	0.3
7157	**102e12**	AV394430	CL24g08			9.1	7.5	7.5	0.8	0.1	1.0	0.1
7158	**117b08**	AV632344	HC007a03			51.1	47.9	54.2	1.0	0.1	1.0	0.4
7159	**036h02**	BP098773	MXL098h09			36.4	39.9	43.0	1.1	0.1	1.0	0.3
7160	**013g01**	AV639249	HC096h06			15.8	18.5	18.4	1.2	0.1	1.0	0.3
7161	**122a01**	AV637718	HC076f05			27.5	27.9	28.2	1.0	0.1	1.0	0.2
7162	**012f06**	AV637152	HC069e01			6.3	5.9	5.9	1.0	0.2	1.0	0.2
7163	**113d07**	AV393098	CM067c10			19.2	11.8	12.0	0.6	0.2	1.0	0.2
7164	**118f07**	AV634028	HC028c10			14.2	10.0	10.1	0.7	0.2	1.0	0.1
7165	**102e01**	AV394256	CL22f12			6.0	10.8	10.9	1.8	0.2	1.0	0.0
7166	**140h10**	AV624144	LC073e09			17.7	13.4	13.6	0.8	0.1	1.0	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
7167	**125d11**	AV640626	HCL019d10			16.4	17.8	18.9	1.1	0.2	1.0	0.3
7168	**016d04**	AV642093	HCL045e04			14.9	19.2	19.5	1.3	0.2	1.0	0.0
7169	**014b10**	AV387521	CM026c07			18.9	21.2	21.5	1.1	0.1	1.0	0.1
7170	**120c10**	AV635941	HC053a09			19.6	22.8	25.6	1.2	0.0	1.0	0.5
7171	**124e09**	AV640192	HCL011h08			28.9	22.7	27.1	0.8	0.0	1.0	0.4
7172	**146d02**	AV627077	LCL020g02			9.7	14.6	14.8	1.6	0.5	1.0	0.2
7173	**124c06**	BP098689	MXL097d10			14.0	12.2	13.1	0.9	0.0	1.0	0.3
7174	**170c10**	BP097348	MXL074c05			5.6	6.0	6.1	1.1	0.1	1.0	0.1
7175	**166e05**	BP095671	MXL045f01			29.6	34.6	35.7	1.2	0.2	1.0	0.2
7176	**146f05**	AV627168	LCL022b05			22.3	18.4	18.7	0.9	0.2	1.0	0.1
7177	**150e06**	AV629039	LCL050g08			14.0	10.8	11.1	0.8	0.0	1.0	0.1
7178	**146d11**	AV627106	LCL021b12			7.6	7.9	8.3	1.1	0.2	1.0	0.2
7179	**104d03**	AV397761	CL49a06			4.6	4.8	4.9	1.0	0.1	1.0	0.2
7180	**011c08**	AV634599	HC035d09			4.7	5.7	5.7	1.2	0.2	1.0	0.3
7181	**128e11**	AV642445	HCL051h04			6.4	5.6	5.6	0.9	0.2	1.0	0.2
7182	**129d01**	AV642808	HCL058d12			28.9	19.5	21.5	0.7	0.1	1.0	0.3
7183	**148b12**	AV627881	LCL033c09			6.4	5.2	5.3	0.8	0.2	1.0	0.1
7184	**151a10**	AV629328	LCL056f10			17.8	18.1	19.7	1.0	0.1	1.0	0.3
7185	**104b06**	AV397774	CL45a06			5.6	4.9	5.0	0.9	0.2	1.0	0.2
7186	**018b08**	AV644221	HCL084c04			15.6	12.2	12.9	0.8	0.2	1.0	0.3
7187	**016a03**	AV641580	HCL036f10			16.7	26.9	28.4	1.6	0.3	1.0	0.2
7188	**011f03**	AV635191	HC043b02			7.6	8.3	8.5	1.2	0.3	1.0	0.2
7189	**113a12**	AV392726	CM063d02			14.8	13.5	15.0	1.2	0.6	1.0	0.4
7190	**120h02**	AV636473	HC060a03			147.3	121.1	138.0	0.8	0.2	1.0	0.5
7191	**008b04**	AV392936	CM065g09			6.1	6.2	6.1	1.0	0.1	1.0	0.2
7192	**107c12**	AV397700	CM009a09			6.1	5.9	6.2	1.0	0.2	1.0	0.4
7193	**115f04**	AV391175	CM089g05			3.8	3.2	3.4	1.0	0.4	1.0	0.3
7194	**013g09**	AV639559	HCL001a04			4.0	4.3	4.4	1.0	0.4	1.0	0.5
7195	**001a10**	AV397615	CL02g08			7.2	6.2	6.5	0.9	0.3	1.0	0.2
7196	**012f04**	AV637114	HC068h07			14.2	12.6	12.9	0.9	0.1	1.0	0.2
7197	**011a11**	AV634209	HC030e09			6.8	4.2	4.4	0.7	0.3	1.0	0.3
7198	**150d05**	AV628963	LCL049f06			8.1	8.2	8.3	1.0	0.2	1.0	0.2
7199	**161h05**	BP093371	MXL007e05			19.3	20.3	20.4	1.0	0.3	1.0	0.6
7200	**126h07**	AV641544	HCL035h11			9.4	8.7	9.0	0.9	0.1	1.0	0.2
7201	**150h07**	AV629252	LCL055c08			5.8	5.3	5.6	0.9	0.1	1.0	0.4
7202	**128g11**	AV642557	HCL053h03			19.9	18.6	20.1	0.9	0.2	1.0	0.3
7203	**105d04**	AV396429	CL62e01			4.3	3.7	3.7	0.9	0.2	1.0	0.1
7204	**149f11**	AV628605	LCL044d11			7.4	14.3	14.5	2.0	0.3	1.0	0.0
7205	**151a08**	AV629302	LCL056c02			16.8	15.1	15.5	0.9	0.1	1.0	0.3
7206	**015d01**	AV641024	HCL026d09			5.9	8.8	8.7	1.5	0.2	1.0	0.3
7207	**110c04**	AV389082	CM034e02			20.9	19.4	19.6	0.9	0.0	1.0	0.0
7208	**157f03**	BP087073	MX024e07			6.4	7.6	7.7	1.2	0.1	1.0	0.1
7209	**127e04**	AV641835	HCL041b02			7.2	8.1	8.3	1.2	0.4	1.0	0.3
7210	**148f06**	AV628123	LCL037a09			9.9	8.7	9.1	0.9	0.2	1.0	0.1
7211	**113g06**	AV389360	CM070c12			4.3	4.1	4.1	0.9	0.1	1.0	0.3
7212	**034d07**	BP095736	MXL046f01			14.6	12.6	13.6	0.9	0.1	1.0	0.4
7213	**134c07**	AV619133	LC004c06			9.8	9.8	10.2	1.0	0.1	1.0	0.2
7214	**133a04**	AV644882	HCL095a11			5.5	4.8	5.0	0.9	0.3	1.0	0.4
7215	**134a02**	BP383775	LC001a01			15.3	16.9	17.7	1.1	0.1	1.0	0.2
7216	**119e10**	AV635164	HC042g02			4.0	3.2	3.3	0.8	0.1	1.0	0.1
7217	**114d03**	AV389520	CM076a11			16.2	13.9	13.6	0.8	0.3	1.0	0.2
7218	**016c06**	AV641931	HCL042f03			4.5	5.2	5.3	1.2	0.2	1.0	0.1
7219	**121e01**	AV637171	HC069g01			11.8	8.3	9.0	0.7	0.1	1.0	0.4
7220	**131g11**	AV644311	HCL086b01			23.8	23.6	23.4	1.0	0.3	1.0	0.4
7221	**014b04**	AV639757	HCL004e04		*Volvox carteri*	25.7	37.0	37.5	1.4	0.2	1.0	0.1
7222	**106e11**	AV386492	CM001f12			6.7	5.8	6.1	0.9	0.3	1.0	0.3
7223	**145e07**	AV626730	LCL014e05			6.2	5.9	5.9	0.9	0.1	1.0	0.1
7224	**113f02**	AV397397	CM068h06			28.4	29.0	29.8	1.0	0.2	1.0	0.1
7225	**117f08**	AV632976	HC015b01			4.3	4.4	4.6	1.1	0.4	1.0	0.2
7226	**127f09**	AV641940	HCL042g09			8.2	12.3	12.6	1.5	0.2	1.0	0.2
7227	**031e03**	BP086923	MX020d07			4.4	4.5	4.6	1.0	0.1	1.0	0.2
7228	**152c01**	AV629840	LCL067c10			20.9	14.7	14.9	0.7	0.1	1.0	0.2
7229	**143a12**	AV625566	LC094g01			19.7	18.5	18.9	0.9	0.1	1.0	0.1
7230	**150f07**	AV629102	LCL052a11			7.0	10.9	10.5	1.5	0.3	1.0	0.3
7231	**142c02**	AV625012	LC085g05			10.1	10.3	10.9	1.1	0.4	1.0	0.2
7232	**015g05**	AV641395	HCL032h02			10.3	10.2	11.4	1.0	0.2	1.0	0.4
7233	**017c04**	AV643020	HCL062d03			3.7	4.4	4.6	1.2	0.1	1.0	0.3
7234	**134e10**	AV619375	LC007e04			22.0	19.8	20.1	0.9	0.2	1.0	0.1
7235	**139g02**	AV623327	LC062b07			7.3	5.9	6.4	0.8	0.1	1.0	0.4
7236	**150f01**	AV629061	LCL051b02			7.1	5.4	5.7	0.8	0.1	1.0	0.2
7237	**136c02**	AV620590	LC024a10			144.3	136.8	147.5	0.9	0.1	1.0	0.3
7238	**147g02**	AV627664	LCL030c04			14.3	13.0	13.3	0.9	0.1	1.0	0.1
7239	**129a02**	AV642622	HCL054h03			9.9	9.0	9.2	0.9	0.1	1.0	0.2
7240	**131c12**	AV644045	HCL080g09			28.1	28.2	28.8	1.0	0.2	1.0	0.4
7241	**106a06**	AV396464	CL74b01			6.7	6.7	7.0	1.0	0.2	1.0	0.3
7242	**035h07**	BP097484	MXL076e02			6.8	6.8	7.1	1.0	0.3	1.0	0.2
7243	**119e03**	AV635071	HC041e06			5.0	5.0	5.8	1.0	0.3	1.0	0.5
7244	**033e01**	BP094411	MXL022f12			72.0	43.0	41.7	0.6	0.1	1.0	0.3
7245	**111a04**	AV390084	CM042b06			64.8	102.5	103.8	1.8	0.6	1.0	0.2
7246	**138e02**	AV622287	LC047f05			50.0	27.0	29.2	0.6	0.2	1.0	0.4
7247	**154g02**	AV631102	LCL088g12			24.9	21.5	23.2	0.9	0.2	1.0	0.2
7248	**148c04**	AV627924	LCL033h11			9.4	8.4	8.5	1.0	0.2	1.0	0.1
7249	**134c04**	AV619105	LC003h01			9.5	7.7	7.9	0.8	0.2	1.0	0.3
7250	**118f12**	AV634093	HC029b09			3.0	3.7	3.8	1.2	0.2	1.0	0.2
7251	**162d08**	BP093702	MXL012c06			18.3	16.2	16.6	0.9	0.0	1.0	0.0
7252	**023e08**	AV625189	LC089a10			22.2	11.3	11.5	0.5	0.0	1.0	0.1
7253	**013a02**	AV637744	HC076h11			15.4	11.2	11.6	0.8	0.5	1.0	0.5
7254	**034e08**	BP095930	MXL049f01			23.3	22.1	23.0	0.9	0.1	1.0	0.2
7255	**105e07**	AV396553	CL65b01			5.3	4.9	5.0	0.9	0.2	1.0	0.2
7256	**107e03**	AV387021	CM010c01			22.0	13.9	14.0	0.7	0.4	1.0	0.3
7257	**007e01**	AV391740	CM055h10			63.5	60.2	61.1	1.0	0.2	1.0	0.2
7258	**008e09**	AV388419	CM071f07			7.9	7.6	7.8	1.0	0.2	1.0	0.1
7259	**102g07**	AV394732	CL27f07			15.1	11.7	12.1	0.8	0.1	1.0	0.4
7260	**029b04**	AV630618	LCL081f06			10.1	20.1	21.7	2.0	0.3	1.0	0.3
7261	**013b06**	AV638076	HC081f01			38.2	35.0	37.5	0.9	0.1	1.0	0.4
7262	**031d07**	BP086859	MX018g09			24.0	23.3	23.6	1.0	0.1	1.0	0.1
7263	**156d09**	BP086105	MX002a03			6.1	6.4	6.6	1.1	0.2	1.0	0.2
7264	**030f03**	AV631823	LCL100d05			17.2	15.9	16.4	0.9	0.1	1.0	0.2
7265	**149g02**	AV628619	LCL044f03			23.4	21.0	21.9	0.9	0.1	1.0	0.1
7266	**001g10**	AV394264	CL22h11			2.3	2.3	2.5	1.1	0.3	1.0	0.4
7267	**130d08**	AV643449	HCL069h03			15.7	14.6	14.9	0.9	0.1	1.0	0.1
7268	**102e08**	AV394465	CL23g04			13.0	10.3	11.6	0.8	0.1	1.0	0.5
7269	**148e11**	AV628078	LCL036d04			54.7	52.2	53.0	1.0	0.1	1.0	0.1
7270	**124f01**	AV640201	HCL012a11			7.5	7.7	8.0	1.0	0.1	1.0	0.2
7271	**148d12**	AV628030	LCL035f11			3.4	3.2	3.3	0.9	0.2	1.0	0.3
7272	**144g10**	BP383834	LCL008e09			14.7	13.2	13.2	0.9	0.1	1.0	0.2
7273	**103c01**	AV394975	CL33b08			6.7	7.6	7.8	1.3	0.7	1.0	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
7274	**151b09**	AV629369	LCL057e06			12.5	11.8	12.1	0.9	0.1	1.0	0.1
7275	**152e03**	AV629995	LCL070f11			33.0	26.0	27.0	0.8	0.2	1.0	0.3
7276	**161f04**	BP093233	MXL005d07			6.4	6.2	6.4	1.0	0.3	1.0	0.3
7277	**118e11**	AV633917	HC026h06			6.7	5.2	5.5	0.8	0.1	1.0	0.3
7278	**103g05**	AV395420	CL41g04			2.9	3.3	3.5	1.1	0.3	1.0	0.3
7279	**150e01**	AV629020	LCL050e01			9.9	7.0	7.3	0.7	0.1	1.0	0.1
7280	**165e04**	BP095212	MXL038b07			7.6	10.3	10.5	1.5	0.5	1.0	0.2
7281	**008a08**	AV392775	CM063h02			10.6	10.5	10.7	1.0	0.2	1.0	0.1
7282	**137c04**	AV621383	LC035c06			16.7	10.5	11.9	0.7	0.3	1.0	0.4
7283	**151h01**	AV629703	LCL064b02			8.6	8.5	9.0	1.0	0.4	1.0	0.3
7284	**034f07**	BP096112	MXL052h08			8.0	6.5	7.0	0.8	0.1	1.0	0.3
7285	**168f08**	BP096648	MXL062c12			8.0	7.1	7.8	1.0	0.6	1.0	0.5
7286	**110d10**	AV389326	CM036a11			3.4	3.5	3.8	1.1	0.1	1.0	0.3
7287	**106h05**	AV386624	CM004b01			105.8	94.3	98.5	0.9	0.1	1.0	0.1
7288	**018b01**	AV644140	HCL082g01			2.7	4.4	4.5	1.6	0.1	1.0	0.3
7289	**146g12**	AV627253	LCL023g10			21.1	19.3	19.7	0.9	0.1	1.0	0.1
7290	**030a05**	AV631279	LCL091d03			24.1	21.7	23.7	0.9	0.2	1.0	0.3
7291	**123f08**	AV639712	HCL003e08			28.4	23.2	26.9	0.8	0.4	1.0	0.7
7292	**146h02**	AV627270	LCL024b05			13.7	16.6	17.2	1.2	0.2	1.0	0.1
7293	**168h04**	BP096721	MXL063g02			11.1	14.9	18.4	1.2	1.1	1.0	1.0
7294	**119d06**	AV635011	HC040g08			12.2	12.0	12.7	1.1	0.3	1.0	0.1
7295	**122b12**	AV637952	HC079h01			34.0	31.7	33.2	0.9	0.1	1.0	0.2
7296	**166d12**	BP095650	MXL045c02			29.3	34.2	34.9	1.2	0.1	1.0	0.1
7297	**024e03**	AV626616	LCL012d02			13.7	9.9	12.6	0.7	0.1	1.0	0.5
7298	**115g05**	AV391444	CM090h11			11.7	9.0	9.5	0.8	0.3	1.0	0.2
7299	**125e04**	AV640668	HCL020c07			13.2	12.6	12.7	1.0	0.3	1.0	0.1
7300	**023d07**	AV625088	LC087g01			13.3	9.9	10.3	0.7	0.1	1.0	0.2
7301	**015d02**	AV641070	HCL027c02			12.3	11.4	11.6	1.0	0.3	1.0	0.1
7302	**118a07**	AV633362	HC019h10			9.5	9.8	11.9	1.1	0.3	1.0	0.4
7303	**144h04**	AV626422	LCL008g10			32.7	28.7	29.8	0.9	0.1	1.0	0.1
7304	**111g02**	AV391073	CM050e10			9.2	8.2	8.4	0.9	0.1	1.0	0.1
7305	**032d03**	BP093178	MXL004f05			6.7	5.9	6.2	1.0	0.3	1.0	0.2
7306	**143f03**	AV625825	LC098d05			30.5	27.2	27.8	0.9	0.2	1.0	0.1
7307	**167f03**	BP096126	MXL053b07			25.4	22.3	26.2	1.0	0.5	1.0	0.6
7308	**115c06**	AV390169	CM085h11			83.2	73.6	73.9	0.9	0.1	1.0	0.4
7309	**004e04**	AV397673	CM009h04			7.7	7.7	8.8	1.0	0.2	1.0	0.5
7310	**164c05**	BP094680	MXL027b11			25.1	57.7	62.2	2.3	0.4	1.0	0.3
7311	**159h12**	BP088231	MX054h01			8.3	8.6	9.8	1.0	0.3	1.0	0.7
7312	**003f05**	AV396805	CL69g02			8.1	9.7	10.1	1.2	0.1	1.0	0.3
7313	**029h07**	AV631206	LCL090c02			8.8	8.1	8.4	0.9	0.2	1.0	0.2
7314	**142d05**	AV625151	LC088e07			11.1	11.3	12.3	1.2	0.7	1.0	0.4
7315	**147c03**	AV627434	LCL026f09			19.9	17.2	17.8	0.9	0.3	1.0	0.1
7316	**161f02**	BP093224	MXL005c05			14.9	10.5	11.0	0.7	0.1	1.0	0.2
7317	**148f10**	AV628138	LCL037c11			28.1	23.3	24.6	0.8	0.1	1.0	0.2
7318	**101h10**	AV394102	CL17d01			5.7	5.8	6.6	1.0	0.2	1.0	0.4
7319	**143d03**	AV625685	LC096d11			8.1	11.4	11.6	1.5	0.7	1.0	0.2
7320	**101h12**	AV394135	CL17d07			7.2	5.3	6.1	0.7	0.2	1.0	0.5
7321	**033h06**	BP095062	MXL035b10			12.5	13.1	16.1	1.1	0.1	1.0	0.5
7322	**022g10**	AV624291	LC075f10			26.4	32.2	33.1	1.2	0.2	1.0	0.1
7323	**007e11**	AV391924	CM057e10			17.4	19.4	19.8	1.1	0.0	1.0	0.0
7324	**028h02**	AV630330	LCL077d03			2.2	1.6	1.6	0.8	0.3	1.0	0.1
7325	**172e09**	BP098427	MXL093b06			8.7	9.6	10.1	1.1	0.1	1.0	0.2
7326	**031e12**	BP087110	MX025f02			11.4	16.1	16.9	1.5	0.6	1.0	0.1
7327	**101b02**	AV393319	CL01h03			4.7	6.1	6.4	1.6	0.8	1.0	0.2
7328	**110d11**	AV389348	CM036a12			13.3	13.0	13.2	1.0	0.2	1.0	0.2
7329	**101g02**	AV393900	CL13f03			12.4	9.8	10.1	1.0	0.7	1.0	0.1
7330	**014f07**	AV640282	HCL013f07			3.3	2.5	2.7	0.8	0.2	1.0	0.4
7331	**010d02**	AV632658	HC011a03			3.3	4.3	4.4	1.6	0.9	1.0	0.1
7332	**161d06**	BP093114	MXL003e10			19.0	25.9	27.0	1.4	0.2	1.0	0.2
7333	**148g06**	AV628175	LCL037g12			7.1	6.7	7.0	1.0	0.1	1.0	0.2
7334	**113f05**	AV397574	CM069b08			13.1	17.2	18.1	1.3	0.2	1.0	0.2
7335	**121c02**	AV636946	HC066e06			24.2	28.0	35.5	1.2	0.2	1.0	0.5
7336	**142g07**	BP098793	MXL099c04			12.8	12.4	12.7	1.0	0.2	1.0	0.0
7337	**124g05**	AV640253	HCL013b08			7.2	6.2	6.5	0.9	0.2	1.0	0.1
7338	**138a06**	AV627220	LCL022h07			54.2	39.4	40.7	1.1	0.8	1.0	0.1
7339	**138e01**	AV622279	LC047e05			11.9	8.0	8.3	0.7	0.1	1.0	0.1
7340	**112g02**	AV392265	CM060b01			11.7	11.2	11.6	1.0	0.1	1.0	0.2
7341	**150d04**	AV628961	LCL049f03			9.6	8.2	8.5	0.9	0.1	1.0	0.1
7342	**104f04**	AV395864	CL52a01			40.7	28.7	30.3	0.7	0.2	1.0	0.3
7343	**147b01**	AV627385	LCL026a03			19.3	14.7	15.2	0.8	0.1	1.0	0.2
7344	**171e12**	BP097991	MXL084g11			7.5	9.3	9.6	1.2	0.2	1.0	0.3
7345	**109e07**	AV387641	CM027e03			101.8	84.5	88.4	0.8	0.1	1.0	0.1
7346	**124d03**	AV640116	HCL010f10			22.6	19.8	20.3	0.9	0.2	1.0	0.2
7347	**143h01**	AV626006	LCL001a01			8.0	5.8	6.1	0.8	0.2	1.0	0.1
7348	**027b05**	AV628906	LCL048g07			22.1	17.9	18.3	0.8	0.2	1.0	0.1
7349	**110e04**	AV389375	CM036c06			76.1	77.4	76.1	1.0	0.2	1.0	0.2
7350	**120e01**	AV636046	HC054e04			10.3	9.4	10.0	0.9	0.1	1.0	0.2
7351	**140a10**	AV623578	LC065h02			9.6	7.1	7.5	0.7	0.0	1.0	0.2
7352	**119g01**	AV635311	HC044g03			12.4	10.5	12.5	0.8	0.2	1.0	0.6
7353	**141c09**	AV624402	LC077c08			21.4	15.3	15.9	0.7	0.1	1.0	0.1
7354	**141c11**	AV624422	LC077e08			5.6	6.0	6.2	1.1	0.1	1.0	0.1
7355	**031h12**	BP087554	MX037c07			37.2	43.6	44.5	1.2	0.2	1.0	0.1
7356	**153c05**	AV630406	LCL078d08			8.2	7.6	7.8	0.9	0.1	1.0	0.1
7357	**011d10**	AV634875	HC039b05			68.8	78.5	79.8	1.1	0.3	1.0	0.1
7358	**117h07**	BP383689	HC018d04			5.1	4.4	4.6	0.9	0.1	1.0	0.1
7359	**021g06**	AV622877	LC055h09			6.7	7.5	8.1	1.1	0.2	1.0	0.2
7360	**104h10**	AV396057	CL55g06			82.6	89.7	93.9	1.1	0.4	1.0	0.2
7361	**020c05**	AV620884	LC028b03			247.1	222.9	245.2	0.9	0.0	1.0	0.4
7362	**118d09**	AV633762	HC024h10			10.2	9.7	9.9	1.0	0.3	1.0	0.2
7363	**032e07**	BP093389	MXL007g04			12.1	10.2	12.9	0.8	0.1	1.0	0.6
7364	**012e11**	AV637065	HC068c01			5.4	5.0	5.3	0.9	0.2	1.0	0.5
7365	**115c01**	AV390586	CM085e03			29.6	55.0	73.4	1.9	0.1	1.0	0.5
7366	**016a09**	AV641644	HCL038a01			5.4	7.4	7.7	1.4	0.4	1.0	0.4
7367	**131a01**	AV643772	HCL075g05			20.2	15.6	16.3	0.8	0.1	1.0	0.1
7368	**148d08**	AV628004	LCL035b11			9.8	8.4	8.7	0.9	0.1	1.0	0.1
7369	**163e04**	BP094311	MXL021a06			4.4	5.2	5.9	1.3	0.2	1.0	0.6
7370	**021c06**	AV622137	LC045f03			469.2	403.1	416.6	0.9	0.3	1.0	0.1
7371	**108g01**	AV387944	CM021d06			3.0	4.1	4.2	1.3	0.3	1.0	0.1
7372	**015h03**	AV641462	HCL034a10			9.6	9.5	10.0	1.0	0.2	1.0	0.2
7373	**143g09**	AV625953	LC100c04			18.2	15.2	15.6	0.8	0.0	1.0	0.1
7374	**154a10**	AV630782	LCL084c04			21.6	19.4	20.1	0.9	0.2	1.0	0.3
7375	**122e10**	AV638518	HC087d04			8.8	7.2	8.1	0.8	0.1	1.0	0.3
7376	**139g07**	AV623380	LC062h09			6.3	5.1	5.5	0.8	0.0	1.0	0.2
7377	**168g11**	BP096707	MXL063d10			21.6	24.0	24.9	1.1	0.3	1.0	0.1
7378	**108d01**	AV387237	CM018b05			6.5	10.5	11.2	1.6	0.2	1.0	0.2
7379	**147f09**	AV627647	LCL030a04			17.7	12.4	12.9	0.7	0.1	1.0	0.2
7380	**130a07**	AV643225	HCL065h11			9.8	9.2	11.0	1.0	0.3	1.0	0.5

	A	B	C	D	E	F	G	H	I	J	K	L
7381	**167f09**	BP096144	MXL053e05			8.3	7.0	7.9	0.8	0.4	1.0	0.8
7382	**036d07**	BP098237	MXL089h06			27.0	22.1	24.5	0.8	0.2	1.0	0.4
7383	**011h09**	AV635722	HC050a10			41.7	44.3	45.7	1.1	0.1	1.0	0.1
7384	**106d09**	AV397337	CL80d02			40.7	34.2	36.3	0.9	0.3	1.0	0.3
7385	**150f02**	AV629076	LCL051e11			12.8	11.2	11.6	0.9	0.1	1.0	0.1
7386	**023d08**	AV625094	LC087g09			11.8	10.5	10.8	0.9	0.2	1.0	0.1
7387	**024f06**	AV626693	LCL013g10			10.8	10.2	10.5	1.0	0.1	1.0	0.1
7388	**119f05**	AV635267	HC044b07			7.9	7.2	7.5	0.9	0.1	1.0	0.2
7389	**166b08**	BP095488	MXL042f05			13.1	12.5	13.1	1.0	0.2	1.0	0.1
7390	**119d03**	AV634941	HC039h09			5.6	4.3	4.7	0.8	0.3	1.0	0.4
7391	**156g03**	BP086312	MX006d02			4.9	4.2	5.4	0.8	0.3	1.0	0.7
7392	**103f02**	AV395185	CL39d04			6.1	7.2	7.6	1.2	0.3	1.0	0.2
7393	**123e03**	AV639614	HCL001h08			6.5	5.0	5.3	0.8	0.2	1.0	0.1
7394	**018b02**	AV644141	HCL082g03			6.3	6.4	6.8	1.1	0.3	1.0	0.3
7395	**141g10**	AV624751	LC082b05			29.4	35.1	36.0	1.2	0.2	1.0	0.1
7396	**025e04**	AV627437	LCL026g02			12.5	11.0	11.9	0.9	0.2	1.0	0.4
7397	**133f05**	AV645136	HCL098f10			3.9	4.1	4.3	1.1	0.2	1.0	0.2
7398	**144f02**	AV626305	LCL006e01			12.6	11.6	12.2	1.0	0.2	1.0	0.1
7399	**033d05**	BP094354	MXL021g11			6.4	7.2	7.5	1.2	0.3	1.0	0.1
7400	**111d06**	AV390610	CM047b04			3.2	3.0	3.3	1.0	0.2	1.0	0.2
7401	**118e12**	AV633934	HC027b06			166.4	117.7	121.6	0.7	0.1	1.0	0.0
7402	**020g05**	AV621418	LC035g11			13.0	11.6	12.1	0.9	0.0	1.0	0.1
7403	**143g06**	AV625940	LC100a12			11.1	12.0	13.2	1.1	0.1	1.0	0.3
7404	**154c10**	AV630900	LCL086a06			7.2	7.2	7.4	1.1	0.2	1.0	0.3
7405	**123h08**	AV639870	HCL006d12			10.4	10.9	11.4	1.0	0.2	1.0	0.2
7406	**138h03**	AV622627	LC052b03			18.9	15.2	15.7	0.8	0.2	1.0	0.1
7407	**018d04**	AV644485	HCL089d01			7.7	12.4	14.1	2.0	1.1	1.0	0.4
7408	**125f01**	AV640713	HCL021b10			25.8	24.6	25.7	1.0	0.1	1.0	0.1
7409	**147g09**	AV627687	LCL030e10			13.9	12.4	12.9	0.9	0.1	1.0	0.2
7410	**018d02**	AV644444	HCL088f10			8.3	7.7	8.7	1.0	0.2	1.0	0.4
7411	**115h05**	AV391699	CM092h07			6.4	6.7	7.2	1.0	0.2	1.0	0.3
7412	**102g01**	AV394606	CL26h01			5.8	9.1	9.5	1.6	0.3	1.0	0.2
7413	**144e04**	AV626269	LCL005e11			11.1	9.8	10.1	0.9	0.1	1.0	0.2
7414	**117e07**	AV632808	HC012h04			16.2	13.6	14.2	0.9	0.2	1.0	0.3
7415	**108f12**	AV387959	CM021c12			6.3	4.4	4.7	0.7	0.1	1.0	0.2
7416	**110h06**	AV389917	CM040f05			11.9	12.0	12.5	1.1	0.3	1.0	0.1
7417	**143g02**	AV625927	LC099h09			21.3	18.9	20.3	0.9	0.1	1.0	0.1
7418	**030a06**	AV631291	LCL091e09			38.1	26.5	32.2	0.7	0.0	1.0	0.4
7419	**105g02**	AV396937	CL68b02			7.6	5.9	6.2	0.8	0.2	1.0	0.2
7420	**154h06**	AV631184	LCL090a02			8.9	7.5	7.8	0.9	0.2	1.0	0.1
7421	**033e08**	BP094490	MXL023h10			8.9	7.5	8.2	0.8	0.1	1.0	0.3
7422	**010e02**	AV632838	HC013c02			18.3	21.6	22.3	1.2	0.2	1.0	0.0
7423	**146b04**	AV626999	LCL019e12			15.6	12.8	14.5	0.9	0.2	1.0	0.4
7424	**108g04**	AV387935	CM021e04			11.9	7.8	8.1	0.7	0.0	1.0	0.0
7425	**031g10**	BP087372	MX033b08			9.9	19.0	20.1	1.9	0.2	1.0	0.2
7426	**117h08**	AV633241	HC018d10			9.3	9.3	10.3	1.0	0.2	1.0	0.3
7427	**008h06**	AV389634	CM079c12			20.8	16.7	18.0	0.8	0.2	1.0	0.4
7428	**003g02**	AV396967	CL73b01			12.4	14.2	17.1	1.2	0.2	1.0	0.4
7429	**101d11**	AV393543	CL08a11			8.4	10.1	14.2	1.2	0.3	1.0	0.6
7430	**149g05**	AV628629	LCL044g05			9.3	7.4	7.6	0.8	0.1	1.0	0.1
7431	**125b01**	AV640436	HCL016c04			12.7	10.2	10.7	0.8	0.2	1.0	0.1
7432	**108f07**	AV387918	CM021b07			9.3	9.2	9.7	1.0	0.2	1.0	0.1
7433	**136h01**	AV620937	LC028h02			53.4	63.8	68.5	1.2	0.1	1.0	0.2
7434	**141b09**	BP383814	LC076c09			10.4	9.1	9.4	0.9	0.0	1.0	0.0
7435	**124a03**	AV639919	HCL007c02			22.6	21.5	22.4	1.0	0.1	1.0	0.1
7436	**157e01**	BP086904	MX019h03			7.8	7.8	8.7	1.0	0.2	1.0	0.5
7437	**130f04**	AV643597	HCL072e02			8.4	8.4	8.9	1.1	0.5	1.0	0.3
7438	**134d03**	AV619207	LC005b06			7.1	7.7	8.0	1.1	0.2	1.0	0.1
7439	**112d10**	AV391839	CM056h08			77.8	68.0	70.6	0.9	0.1	1.0	0.1
7440	**111c05**	BP098640	MXL096g08			24.0	20.3	21.0	0.8	0.1	1.0	0.1
7441	**149f02**	AV628543	LCL043e06			7.5	6.6	6.9	0.9	0.2	1.0	0.2
7442	**147f03**	AV627611	LCL029e02			16.6	15.6	16.2	0.9	0.1	1.0	0.1
7443	**129g06**	BP383739	HCL062b09			9.2	7.9	8.4	0.9	0.1	1.0	0.2
7444	**168e06**	BP096556	MXL060f09			16.0	18.9	21.7	1.2	0.1	1.0	0.4
7445	**015a10**	AV640710	HCL021b01			6.2	5.1	5.3	0.9	0.3	1.0	0.2
7446	**162c06**	BP093600	MXL010g04			26.8	23.4	24.4	0.9	0.5	1.0	0.4
7447	**014c09**	AV639898	HCL006h02			15.1	13.8	14.4	0.9	0.1	1.0	0.1
7448	**141e06**	AV624556	LC079d04			10.6	10.6	11.1	1.0	0.2	1.0	0.2
7449	**114h06**	AV390012	CM081h12			11.0	10.1	10.8	0.9	0.1	1.0	0.2
7450	**151h07**	AV629725	LCL064f08			6.3	5.9	6.1	0.9	0.3	1.0	0.2
7451	**102g06**	AV394697	CL27e11			12.5	11.3	13.5	0.9	0.2	1.0	0.5
7452	**033f06**	BP094660	MXL026f05			23.8	31.5	32.7	1.3	0.1	1.0	0.0
7453	**164c08**	BP094703	MXL027g08			23.1	14.0	14.8	1.0	0.6	1.0	0.2
7454	**172g03**	BP098514	MXL094e04			9.9	12.0	13.3	1.1	0.4	1.0	0.7
7455	**125c03**	AV640508	HCL017e09			5.9	6.6	7.0	1.1	0.3	1.0	0.2
7456	**021f07**	AV622654	LC052e06			5.0	4.2	4.4	0.8	0.1	1.0	0.3
7457	**120h12**	AV636563	HC061b06			6.7	6.7	7.0	1.0	0.2	1.0	0.1
7458	**027c11**	AV629111	LCL052c01			21.5	15.2	15.9	0.8	0.2	1.0	0.1
7459	**148h07**	AV628234	LCL038g11			38.3	42.4	44.2	1.1	0.2	1.0	0.1
7460	**155g02**	AV631567	LCL096c06			14.2	14.0	15.5	1.0	0.4	1.0	0.6
7461	**129h06**	AV643109	HCL063h06			5.4	4.8	5.0	0.9	0.2	1.0	0.1
7462	**145f03**	AV626771	LCL015b12			13.0	10.2	11.7	0.8	0.3	1.0	0.5
7463	**014b01**	AV639733	HCL003h12			14.0	13.3	14.1	0.9	0.2	1.0	0.4
7464	**171c08**	BP097823	MXL081h07			7.6	8.4	9.1	1.1	0.1	1.0	0.2
7465	**129h04**	AV643076	HCL063d01			24.1	22.2	32.1	0.9	0.1	1.0	0.6
7466	**026d08**	AV628331	LCL040b12			8.6	13.3	14.0	1.5	0.1	1.0	0.1
7467	**135b04**	AV619722	LC012c03			60.1	68.5	71.7	1.1	0.3	1.0	0.0
7468	**018b05**	AV644201	HCL083g09			28.6	43.2	44.5	2.2	1.6	1.0	0.1
7469	**016b10**	AV641816	HCL040g10			5.7	5.4	5.9	1.0	0.1	1.0	0.2
7470	**034c03**	BP095515	MXL043a05			9.4	6.2	6.6	0.7	0.1	1.0	0.3
7471	**122b07**	AV637896	HC079a09			12.7	10.5	11.4	0.8	0.1	1.0	0.2
7472	**111h02**	AV391200	CM051f08			6.8	8.0	8.3	1.2	0.2	1.0	0.0
7473	**032c09**	BP093121	MXL003g02			17.9	16.4	17.1	0.9	0.0	1.0	0.2
7474	**001d05**	AV393803	CL12a07			4.1	4.4	5.0	1.1	0.2	1.0	0.3
7475	**010c09**	AV632554	HC009f05			58.2	80.1	87.6	1.4	0.1	1.0	0.3
7476	**030e05**	AV631704	LCL098e01			3.1	2.0	2.1	0.8	0.4	1.0	0.2
7477	**109d06**	AV387549	CM026a09			5.8	6.6	7.3	1.1	0.1	1.0	0.3
7478	**143c07**	AV625646	LC095h08			49.9	42.9	44.9	0.9	0.0	1.0	0.1
7479	**126c11**	AV641198	HCL029f04			6.4	5.4	5.6	0.8	0.1	1.0	0.2
7480	**103h06**	AV395501	CL42g08			38.1	37.0	38.6	1.0	0.1	1.0	0.1
7481	**016h08**	AV642697	HCL056b11			9.6	8.4	10.1	0.9	0.4	1.0	0.5
7482	**114h08**	AV390179	CM082b04			23.4	23.7	24.8	1.0	0.2	1.0	0.2
7483	**109c11**	AV388098	CM025d05			11.7	5.7	6.0	0.5	0.2	1.0	0.2
7484	**141c02**	AV624357	LC076f04			330.0	350.4	372.6	1.1	0.1	1.0	0.2
7485	**153g02**	AV630625	LCL081g03			7.3	6.0	6.6	0.8	0.1	1.0	0.2
7486	**161h07**	BP093377	MXL007e12			4.8	4.9	7.1	1.1	1.0	1.0	1.0
7487	**035a02**	BP096504	MXL059g10			32.9	35.8	37.2	1.1	0.1	1.0	0.0

	A	B	C	D	E	F	G	H	I	J	K	L
7488	**136a07**	AV620421	LC022a01			11.6	12.6	13.2	1.1	0.1	1.0	0.1
7489	**132g07**	AV644823	HCL094c06			4.7	4.6	4.8	1.0	0.1	1.0	0.1
7490	**138a12**	AV622088	LC044h02			216.4	112.0	118.3	0.5	0.0	1.0	0.2
7491	**022f01**	AV624013	LC071g06			19.5	20.2	25.8	1.1	0.2	1.0	0.4
7492	**153a12**	AV630313	LCL077a11			16.7	13.0	14.9	0.8	0.2	1.0	0.5
7493	**025d05**	AV627313	LCL024g12			20.2	22.3	23.7	1.1	0.1	1.0	0.1
7494	**105b01**	AV396261	CL57f09			8.9	11.8	13.5	1.5	0.6	1.0	0.4
7495	**136d06**	AV620670	LC025c06			33.6	29.8	32.5	0.9	0.1	1.0	0.2
7496	**121a10**	AV636771	HC063h12			20.2	20.4	21.9	1.1	0.4	1.0	0.2
7497	**170c04**	BP097326	MXL073h04			12.6	7.3	7.5	0.6	0.1	1.0	0.2
7498	**016e01**	AV642256	HCL048e02			13.3	16.5	18.5	1.2	0.2	1.0	0.4
7499	**115a04**	AV390293	CM082g10			7.7	9.1	9.5	1.3	0.4	1.0	0.1
7500	**158h03**	BP087705	MX041g12			4.6	6.0	6.9	1.3	0.4	1.0	0.5
7501	**127a11**	AV641629	HCL037g07			11.2	12.0	12.6	1.1	0.1	1.0	0.2
7502	**020d09**	AV621022	LC030a12			18.4	22.4	23.6	1.3	0.4	1.0	0.1
7503	**133c10**	AV645011	HCL097a02			20.0	18.0	19.2	0.9	0.2	1.0	0.2
7504	**012d05**	AV636739	HC063f01			28.7	24.2	25.0	0.8	0.3	1.0	0.5
7505	**036f10**	BP098564	MXL095e11			19.7	17.0	17.9	0.9	0.1	1.0	0.2
7506	**030d08**	AV631659	LCL097g05			17.7	18.6	19.5	1.1	0.1	1.0	0.1
7507	**117c10**	AV632504	HC009a09			152.1	158.1	168.2	1.1	0.4	1.0	0.3
7508	**147h10**	AV627766	LCL031g03			120.2	93.5	99.8	0.8	0.2	1.0	0.1
7509	**023h02**	AV626175	LCL003f05			8.6	8.9	9.8	1.1	0.4	1.0	0.3
7510	**114c09**	AV389392	CM075c12			6.8	6.2	6.7	1.0	0.3	1.0	0.2
7511	**010c08**	AV632521	HC009c05			48.0	37.2	39.5	0.8	0.2	1.0	0.2
7512	**157d01**	BP086830	MX017g12			17.2	12.4	13.2	0.7	0.1	1.0	0.1
7513	**138g09**	AV622575	LC051d11			11.9	14.5	14.8	1.2	0.4	1.0	0.3
7514	**152f03**	AV630037	LCL071g06			12.8	10.9	11.9	0.9	0.2	1.0	0.2
7515	**117c12**	AV632519	HC009c03			5.9	5.9	6.2	1.0	0.2	1.0	0.0
7516	**120e03**	AV636070	HC054g11			3.9	2.9	3.2	0.8	0.2	1.0	0.3
7517	**142f03**	BP383825	LC090d02			170.0	129.5	138.7	0.8	0.2	1.0	0.4
7518	**144d06**	BP098824	MXL099g04			84.3	75.6	79.9	0.9	0.1	1.0	0.1
7519	**123d03**	AV639516	HC100d05			118.6	94.3	99.9	0.8	0.1	1.0	0.3
7520	**013h08**	AV639630	HCL002b03			11.0	11.7	13.5	1.1	0.4	1.0	0.5
7521	**013e02**	AV638778	HC090f09			38.8	40.6	42.8	1.0	0.1	1.0	0.2
7522	**026e06**	AV628382	LCL040h06			8.7	7.7	8.3	0.9	0.2	1.0	0.3
7523	**142h01**	AV625461	LC092h10			20.0	19.4	20.5	1.0	0.1	1.0	0.2
7524	**160e10**	BP088744	MX067g12			9.6	7.8	8.2	0.8	0.1	1.0	0.1
7525	**117c07**	AV632456	HC008e02			32.3	27.2	27.4	0.8	0.2	1.0	0.3
7526	**133h01**	AV645231	HCL100a01			16.5	16.7	21.8	1.1	0.2	1.0	0.5
7527	**027e08**	AV629256	LCL055d09			13.9	10.1	12.0	0.7	0.1	1.0	0.3
7528	**164h08**	BP094983	MXL033g09			11.8	7.1	8.1	0.7	0.5	1.0	0.6
7529	**108c03**	BP383675	CM017d07			55.2	49.5	52.0	0.9	0.1	1.0	0.1
7530	**104b01**	AV395615	CL44f10			10.1	8.8	9.4	0.9	0.4	1.0	0.4
7531	**130h05**	AV643728	HCL074h11			15.1	11.4	12.0	0.7	0.1	1.0	0.3
7532	**111b06**	AV390204	CM044a10			36.9	33.5	38.0	0.9	0.2	1.0	0.3
7533	**015d04**	AV641074	HCL027c09			20.1	21.1	23.2	1.1	0.1	1.0	0.2
7534	**010h04**	AV633639	HC023d02			179.4	86.9	97.5	0.5	0.4	1.0	0.7
7535	**103e06**	AV395300	CL38a07			3.8	4.4	9.1	1.2	0.1	1.0	0.9
7536	**137c10**	AV621469	LC036e11			317.5	315.4	333.4	1.0	0.1	1.0	0.2
7537	**101d03**	AV393609	CL06a07			8.6	7.5	8.1	0.9	0.1	1.0	0.2
7538	**008c01**	AV393103	CM067c11			22.8	36.2	39.5	1.6	0.1	1.0	0.2
7539	**016e04**	AV642265	HCL048f08			5.4	7.4	7.7	1.4	0.2	1.0	0.2
7540	**129f03**	BP383737	HCL061d12			104.2	54.6	59.7	0.5	0.2	1.0	0.5
7541	**117d09**	AV632656	HC011a01			23.3	23.9	25.1	1.1	0.3	1.0	0.0
7542	**157g01**	BP087128	MX026b05			11.1	10.2	12.9	0.9	0.2	1.0	0.6
7543	**011g02**	AV635344	HC045b11			7.3	7.3	7.8	1.0	0.1	1.0	0.2
7544	**145c09**	AV626602	LCL012b06			8.1	7.0	7.6	0.9	0.2	1.0	0.3
7545	**014a08**	AV639692	HCL003b10			56.2	59.2	70.8	1.1	0.0	1.0	0.3
7546	**002a08**	AV394639	CL29f03			9.5	11.9	13.5	1.3	0.3	1.0	0.3
7547	**107h11**	AV387395	CM014c01			5.4	5.4	5.7	1.0	0.1	1.0	0.0
7548	**003a11**	AV395986	CL53h07			7.9	5.1	7.2	0.8	0.6	1.0	0.8
7549	**152a06**	AV629767	LCL065f12			13.5	12.9	13.6	0.9	0.2	1.0	0.1
7550	**008e05**	AV388500	CM071a11			14.2	14.7	15.5	1.0	0.1	1.0	0.1
7551	**126e06**	AV641313	HCL031e02			11.0	9.4	10.2	0.8	0.2	1.0	0.4
7552	**144b09**	AV626166	LCL003e02			9.1	7.0	7.7	0.8	0.1	1.0	0.2
7553	**119e02**	AV635060	HC041d05			6.2	6.2	6.6	1.0	0.2	1.0	0.2
7554	**006b11**	AV389406	CM036e02			7.8	5.0	5.3	0.7	0.1	1.0	0.2
7555	**033h12**	BP095119	MXL036b05			27.1	29.5	31.6	1.1	0.2	1.0	0.5
7556	**112e07**	AV391943	CM057g04			131.8	158.2	166.7	1.2	0.0	1.0	0.1
7557	**149a02**	AV628279	LCL039e05			21.0	17.2	18.7	0.8	0.1	1.0	0.1
7558	**155h05**	AV631642	LCL097d12			69.5	46.4	48.8	0.7	0.2	1.0	0.1
7559	**116c05**	AV392229	CM097h08			28.2	25.3	29.3	0.9	0.0	1.0	0.3
7560	**009b08**	AV390732	CM085a02			7.4	8.7	9.4	1.2	0.2	1.0	0.3
7561	**032g11**	BP093637	MXL011c07			27.7	22.0	22.7	0.8	0.1	1.0	0.1
7562	**019f12**	AV620201	LC019a01			4.4	7.7	8.2	1.8	0.4	1.0	0.2
7563	**168f05**	BP096632	MXL062b03			11.1	9.8	13.4	1.1	0.7	1.0	0.7
7564	**036b02**	BP097784	MXL081c09			10.9	11.6	12.1	1.0	0.3	1.0	0.3
7565	**017a07**	AV642813	HCL058e08			9.5	12.3	12.8	1.4	0.8	1.0	0.3
7566	**160f11**	BP089181	MX202d02			6.8	4.6	4.9	0.7	0.1	1.0	0.1
7567	**135a02**	AV619618	LC010h02			7.0	6.5	6.8	0.9	0.1	1.0	0.2
7568	**102e03**	AV394278	CL22g10			29.0	21.6	22.7	0.8	0.2	1.0	0.1
7569	**131g02**	AV644268	HCL085b02			17.4	16.8	17.6	1.0	0.1	1.0	0.1
7570	**143c06**	AV625645	LC095h07			16.7	13.7	14.7	0.9	0.1	1.0	0.1
7571	**019e09**	AV620027	LC016e06			9.1	8.1	8.3	0.9	0.2	1.0	0.2
7572	**015f05**	AV641271	HCL030g12			19.5	18.5	20.8	1.0	0.1	1.0	0.2
7573	**155e01**	AV631439	LCL094a01			15.1	13.8	15.3	0.9	0.1	1.0	0.3
7574	**118a11**	AV633427	HC020f09			6.9	7.8	8.1	1.2	0.2	1.0	0.2
7575	**104e03**	AV395736	CL50f05			3.7	3.3	3.5	0.9	0.3	1.0	0.3
7576	**010f10**	AV633358	HC019h05			14.5	12.9	13.5	0.9	0.3	1.0	0.4
7577	**163f06**	BP094406	MXL022f06			10.4	12.5	13.8	1.2	0.3	1.0	0.3
7578	**026d10**	AV628346	LCL040d05			24.2	22.5	24.4	1.0	0.2	1.0	0.2
7579	**150a12**	AV628835	LCL047g05			9.7	8.4	8.8	0.9	0.1	1.0	0.1
7580	**161g04**	BP093309	MXL006e08			31.3	30.7	33.8	1.0	0.2	1.0	0.2
7581	**111c09**	AV390388	CM045g10			7.8	6.9	7.3	0.9	0.3	1.0	0.2
7582	**006f01**	AV390190	CM043e05			41.5	28.0	32.2	0.6	0.3	1.0	0.7
7583	**128a01**	AV642103	HCL045f11			9.3	6.9	7.4	0.8	0.1	1.0	0.1
7584	**020b03**	AV620771	LC026f03			8.6	6.1	6.7	0.8	0.3	1.0	0.2
7585	**112g03**	AV392272	CM060c11			81.5	64.4	80.2	0.8	0.2	1.0	0.5
7586	**147f06**	AV627616	LCL029e08			19.5	29.4	30.4	1.5	0.4	1.0	0.3
7587	**147a01**	AV627330	LCL025b07			20.8	14.8	15.7	0.7	0.1	1.0	0.1
7588	**028f08**	AV630189	LCL075a08			354.5	358.5	399.6	1.0	0.1	1.0	0.3
7589	**138g08**	AV622568	LC051c12			12.1	9.5	10.6	0.8	0.2	1.0	0.3
7590	**103g12**	AV395464	CL42d05			96.1	104.0	109.4	1.1	0.3	1.0	0.1
7591	**154f08**	AV631072	LCL088d04			7.0	7.3	7.7	1.0	0.2	1.0	0.3
7592	**169f04**	BP097053	MXL069c05			9.1	8.8	9.9	1.0	0.3	1.0	0.4
7593	**027f06**	AV629317	LCL056d11			10.5	8.7	9.3	0.8	0.1	1.0	0.4
7594	**118c09**	AV633674	HC023h01			6.0	4.6	5.6	0.8	0.2	1.0	0.4

	A	B	C	D	E	F	G	H	I	J	K	L
7595	**010e12**	AV633029	HC015g12			4.8	5.6	5.9	1.1	0.5	1.0	0.6
7596	**127a10**	AV641619	HCL037e10			13.2	13.0	13.7	1.0	0.1	1.0	0.1
7597	**129e06**	AV642904	HCL060c03			7.4	6.9	7.4	0.9	0.2	1.0	0.3
7598	**027g09**	AV629436	LCL058g03			10.4	8.4	9.8	0.8	0.2	1.0	0.4
7599	**033a06**	BP093893	MXL015c03			22.7	18.3	22.2	0.8	0.1	1.0	0.3
7600	**107e06**	AV387017	CM010c10			7.4	5.5	5.9	0.7	0.2	1.0	0.2
7601	**147h05**	AV627744	LCL031d07			5.1	4.3	4.8	0.8	0.1	1.0	0.2
7602	**163e12**	BP094377	MXL022c03			19.1	22.3	23.5	1.2	0.2	1.0	0.0
7603	**118f08**	AV634035	HC028d08			5.0	4.6	4.9	1.0	0.4	1.0	0.2
7604	**171f12**	BP098045	MXL085h05			9.6	10.0	10.2	1.0	0.2	1.0	0.4
7605	**125g11**	AV640809	HCL022g08			77.4	54.8	57.3	0.7	0.1	1.0	0.1
7606	**016g12**	AV642621	HCL054h02			22.6	15.7	20.0	0.7	0.2	1.0	0.6
7607	**162f02**	BP093829	MXL014d07			19.3	18.6	27.7	1.0	0.3	1.0	0.7
7608	**124b10**	AV640045	HCL009c12			17.9	17.8	18.8	1.0	0.2	1.0	0.1
7609	**172e08**	BP098425	MXL093b04			10.5	8.8	10.2	0.8	0.1	1.0	0.3
7610	**023b08**	AV624732	LC081h01			22.9	15.5	16.4	0.7	0.2	0.9	0.1
7611	**140f05**	AV623962	LC071a08			46.8	38.5	40.5	0.8	0.1	0.9	0.0
7612	**152c07**	AV629879	LCL068b08			27.0	23.9	25.4	0.9	0.0	0.9	0.1
7613	**122g01**	AV638727	HC090a06			7.5	8.2	8.4	1.1	0.4	0.9	0.3
7614	**116a09**	AV392179	CM095f10			4.0	3.0	3.2	0.8	0.2	0.9	0.2
7615	**147h11**	AV627769	LCL031g07			9.3	13.8	14.9	1.4	0.4	0.9	0.5
7616	**005b12**	AV397447	CM020g07			9.3	8.0	9.5	0.9	0.3	0.9	0.5
7617	**143h07**	AV626038	LCL001d12			7.2	3.8	4.2	0.6	0.2	0.9	0.2
7618	**004b10**	AV386673	CM004b10			6.4	6.6	6.9	1.0	0.4	0.9	0.4
7619	**115b07**	AV390731	CM084h10			14.0	17.4	18.7	1.2	0.2	0.9	0.3
7620	**106d04**	AV397188	CL79b11			6.1	6.0	6.7	1.0	0.2	0.9	0.4
7621	**027e05**	AV629242	LCL055b02			4.4	4.1	4.5	1.1	0.8	0.9	0.6
7622	**167f10**	BP096151	MXL053f06			313.5	262.9	275.2	0.8	0.1	0.9	0.1
7623	**009b06**	AV390693	CM084g12			131.8	148.6	159.0	1.1	0.1	0.9	0.2
7624	**146g06**	AV627232	LCL023c05			21.7	21.8	23.2	1.0	0.1	0.9	0.1
7625	**147e08**	AV627584	LCL029a05			6.8	7.7	8.1	1.1	0.3	0.9	0.3
7626	**130c09**	AV643349	HCL068b01			18.6	14.3	15.1	0.8	0.1	0.9	0.1
7627	**014a02**	AV639663	HCL002f07			10.1	11.4	14.4	1.1	0.2	0.9	0.5
7628	**033b06**	BP094123	MXL018e01			12.6	10.1	10.9	0.8	0.1	0.9	0.1
7629	**029c09**	AV630750	LCL083g04			8.3	8.7	9.4	1.1	0.1	0.9	0.4
7630	**011e06**	AV635068	HC041e02			10.1	7.4	7.8	0.8	0.2	0.9	0.0
7631	**144e12**	AV626301	LCL006c01			12.1	11.7	12.4	1.0	0.3	0.9	0.3
7632	**112c06**	AV391665	CM055f06			82.9	82.4	89.5	1.0	0.2	0.9	0.2
7633	**133f10**	AV645151	HCL098h03			6.8	6.6	7.1	1.0	0.0	0.9	0.1
7634	**162f01**	BP093826	MXL014d03			9.0	7.4	7.7	0.8	0.1	0.9	0.1
7635	**164f06**	BP094839	MXL030g12			17.9	12.6	14.1	0.8	0.4	0.9	0.2
7636	**104f07**	AV395847	CL52a12			4.6	4.1	4.3	0.9	0.2	0.9	0.1
7637	**114e04**	AV387989	CM077f07			50.4	59.7	67.9	1.2	0.1	0.9	0.2
7638	**027h06**	AV629472	LCL059d07			7.1	8.0	8.6	1.2	0.3	0.9	0.1
7639	**165f12**	BP095318	MXL039h04			6.5	5.9	6.6	1.0	0.2	0.9	0.3
7640	**003f04**	AV396785	CL69e12			5.5	5.2	5.9	0.9	0.1	0.9	0.3
7641	**134g05**	AV619502	LC009b10			7.6	7.0	7.2	0.9	0.3	0.9	0.2
7642	**034e10**	BP095975	MXL050d02			10.1	14.5	15.1	1.4	0.5	0.9	0.3
7643	**108b02**	AV387473	CM016e06			8.9	11.2	11.8	1.3	0.3	0.9	0.0
7644	**153e02**	AV630492	LCL079g01			32.7	25.9	29.5	0.8	0.1	0.9	0.3
7645	**104d02**	AV397731	CL49a04			21.6	16.9	21.8	0.8	0.5	0.9	0.7
7646	**124b09**	AV640042	HCL009c09			22.9	22.8	24.1	1.0	0.2	0.9	0.1
7647	**138g05**	AV622558	LC051c02			49.7	46.8	49.0	1.0	0.3	0.9	0.1
7648	**126a11**	AV641010	HCL026b08			30.4	29.6	31.6	1.0	0.2	0.9	0.1
7649	**145f07**	AV626799	LCL015f04			18.3	16.7	18.1	0.9	0.1	0.9	0.2
7650	**130a12**	AV643242	HCL066c06			5.4	8.9	9.3	1.6	0.2	0.9	0.2
7651	**007d11**	AV391713	CM055g09			16.5	21.9	23.3	1.4	0.3	0.9	0.1
7652	**002f12**	AV395675	CL47b04			2.5	2.1	2.8	0.8	0.3	0.9	0.7
7653	**156g04**	BP086323	MX006e09			19.5	14.0	17.0	0.7	0.3	0.9	0.6
7654	**111g10**	AV391161	CM051c11			15.2	13.5	14.4	0.9	0.0	0.9	0.1
7655	**136e10**	AV620755	LC026d08			128.7	106.0	117.1	0.8	0.3	0.9	0.1
7656	**132a06**	AV644421	HCL088c01			8.7	7.7	8.7	0.9	0.2	0.9	0.3
7657	**133f12**	AV645169	HCL099b04			15.5	14.3	17.8	0.9	0.1	0.9	0.4
7658	**111g05**	AV391088	CM050h12			12.9	12.8	13.7	1.0	0.1	0.9	0.2
7659	**161e04**	BP093193	MXL004g12			7.4	11.4	11.7	1.5	0.1	0.9	0.5
7660	**001f02**	AV394138	CL17f12			3.1	3.4	3.9	1.1	0.4	0.9	0.4
7661	**102b02**	AV394071	CL18g10			8.4	11.9	13.2	1.5	0.6	0.9	0.2
7662	**128g05**	AV642506	HCL053a04			14.5	15.5	16.6	1.1	0.1	0.9	0.1
7663	**115g08**	AV391399	CM091d06			5.6	7.1	8.1	1.2	0.3	0.9	0.5
7664	**105g04**	AV396947	CL68f04			9.3	10.4	11.4	1.1	0.1	0.9	0.2
7665	**134g07**	AV619521	LC009e03			24.2	18.3	20.5	0.8	0.1	0.9	0.3
7666	**154e03**	AV630980	LCL087b11			6.5	6.1	6.4	0.9	0.2	0.9	0.2
7667	**128d09**	AV642366	HCL050f02			16.4	14.6	15.5	0.9	0.2	0.9	0.3
7668	**132h07**	AV644861	HCL094g08			11.8	11.9	12.9	1.0	0.2	0.9	0.2
7669	**130b12**	AV643301	HCL067c03			6.3	7.3	8.0	1.2	0.1	0.9	0.3
7670	**035a06**	BP096529	MXL060c04			23.1	22.6	24.2	1.0	0.3	0.9	0.2
7671	**020f05**	AV621261	LC033e11			13.5	8.4	10.1	0.6	0.2	0.9	0.4
7672	**154c02**	AV630863	LCL085d05			14.2	11.5	12.4	0.8	0.1	0.9	0.2
7673	**114d05**	AV389544	CM076e01			59.1	57.2	60.7	1.0	0.0	0.9	0.1
7674	**136g12**	AV620929	LC028g03			10.9	9.4	10.4	0.9	0.1	0.9	0.2
7675	**142e10**	AV625248	LC089h08			11.3	12.8	13.5	1.2	0.2	0.9	0.2
7676	**111d11**	AV390726	CM047e01			50.5	59.9	63.1	1.5	0.6	0.9	0.2
7677	**107f09**	AV386899	CM011g03			127.9	126.4	143.7	1.0	0.2	0.9	0.5
7678	**127b07**	AV641665	HCL038d04			3.7	3.9	4.3	1.1	0.2	0.9	0.3
7679	**008c09**	AV393263	CM068g04			5.0	5.5	6.2	1.1	0.3	0.9	0.4
7680	**163e01**	BP094295	MXL020g03			4.9	6.0	6.4	1.3	0.4	0.9	0.3
7681	**107c11**	AV397676	CM009a03			4.6	4.3	4.6	0.9	0.1	0.9	0.1
7682	**142g08**	AV625434	LC092e05			11.0	8.5	9.1	0.8	0.1	0.9	0.1
7683	**118h10**	AV634441	HC033d10			13.3	12.0	15.0	0.9	0.1	0.9	0.4
7684	**125a09**	AV640410	HCL015g07			19.9	19.1	21.3	1.0	0.1	0.9	0.2
7685	**149c08**	AV628438	LCL041h03			12.7	10.5	11.1	0.8	0.1	0.9	0.0
7686	**131a03**	AV643797	HCL076c05			13.3	12.3	13.1	0.9	0.1	0.9	0.1
7687	**120d06**	AV636013	HC054a06			7.7	7.4	8.2	1.0	0.1	0.9	0.3
7688	**035f10**	BP097292	MXL073b07			10.7	9.1	11.0	0.9	0.2	0.9	0.5
7689	**110b03**	AV388897	CM033f03			5.2	8.4	9.2	1.6	0.4	0.9	0.3
7690	**131f08**	AV644241	HCL084e12			5.7	4.8	5.2	0.9	0.1	0.9	0.1
7691	**140c12**	AV623768	LC068d05			49.4	46.6	52.9	0.9	0.1	0.9	0.2
7692	**030e11**	AV631779	LCL099f12			15.1	13.8	14.9	1.0	0.2	0.9	0.1
7693	**162h11**	BP094009	MXL016h08			6.7	6.5	7.9	0.9	0.3	0.9	0.8
7694	**170h09**	BP097659	MXL079b10			11.5	7.9	14.1	0.7	0.2	0.9	0.8
7695	**159h11**	BP088225	MX054e11			5.1	5.4	7.5	1.1	0.6	0.9	0.7
7696	**102g10**	AV394793	CL28b02			46.8	52.1	55.1	1.1	0.2	0.9	0.0
7697	**108b03**	AV387444	CM016f01			55.6	77.7	82.5	1.6	0.6	0.9	0.0
7698	**163h11**	BP094577	MXL025b09			3.3	3.0	3.3	0.8	0.2	0.9	0.7
7699	**030c08**	AV631520	LCL095e04			12.5	11.8	13.6	0.9	0.1	0.9	0.3
7700	**127c04**	AV641704	HCL039a02			8.2	9.3	9.7	1.1	0.4	0.9	0.2
7701	**110h05**	AV389913	CM040e10			21.5	16.3	17.2	0.8	0.3	0.9	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
7702	**130f09**	AV643633	HCL073b02			7.0	8.9	11.5	1.3	0.2	0.9	0.5
7703	**125d06**	AV640608	HCL019b03			50.7	49.4	53.3	1.0	0.2	0.9	0.2
7704	**132b02**	AV644488	HCL089d05			19.2	18.1	19.0	0.9	0.2	0.9	0.1
7705	**156f02**	BP086219	MX004d03			6.6	8.4	9.3	1.3	0.2	0.9	0.2
7706	**138f02**	AV622394	LC049b03			8.1	6.2	6.6	0.8	0.2	0.9	0.3
7707	**010e11**	AV633026	HC015g08			51.8	72.1	81.9	1.4	0.1	0.9	0.4
7708	**108c10**	AV388178	CM017h04			10.2	10.4	11.5	1.1	0.2	0.9	0.3
7709	**106f03**	AV386531	CM001h05			16.8	13.0	13.8	0.8	0.2	0.9	0.1
7710	**012c01**	AV636361	HC058e05			6.8	9.1	9.6	1.3	0.1	0.9	0.1
7711	**002a11**	AV394746	CL30c01			24.9	19.6	23.6	0.8	0.3	0.9	0.5
7712	**136f11**	AV620820	LC027c08			12.2	11.5	12.3	0.9	0.1	0.9	0.1
7713	**032g10**	BP093632	MXL011b12			14.2	13.5	15.4	0.9	0.1	0.9	0.4
7714	**014d01**	AV639938	HCL007e12			0.6	1.2	1.2	2.1	1.1	0.9	0.3
7715	**103b04**	AV394828	CL32b02			5.2	4.2	4.5	0.8	0.1	0.9	0.1
7716	**119b03**	AV634624	HC035g04			20.5	14.3	15.3	0.7	0.1	0.9	0.2
7717	**022e11**	AV624001	LC071f01			7.2	6.0	6.5	0.9	0.2	0.9	0.2
7718	**148g03**	AV628155	LCL037e11			21.8	19.9	21.2	0.9	0.2	0.9	0.1
7719	**129g09**	AV643027	HCL062e05			19.1	19.0	20.1	1.0	0.1	0.9	0.1
7720	**124c11**	AV640106	HCL010e04			16.5	21.9	23.1	1.3	0.1	0.9	0.1
7721	**005h12**	AV388763	CM032a09			7.7	5.1	5.4	0.7	0.1	0.9	0.3
7722	**150a01**	AV628765	LCL046g04			16.1	11.2	11.6	0.7	0.2	0.9	0.2
7723	**108f08**	AV387927	CM021c01			24.9	13.7	16.6	0.6	0.2	0.9	0.5
7724	**114h10**	AV390180	CM082c09			28.0	34.3	36.6	1.2	0.3	0.9	0.2
7725	**108b07**	AV387467	CM016h07			6.0	5.0	5.2	0.8	0.4	0.9	0.3
7726	**158f07**	BP087680	MX041c06			4.5	5.3	6.0	1.2	0.2	0.9	0.3
7727	**152e02**	AV629993	LCL070f08			16.8	14.8	17.1	0.9	0.2	0.9	0.3
7728	**104h01**	AV396146	CL54f03			27.5	30.3	32.1	1.3	0.5	0.9	0.1
7729	**150c06**	AV628932	LCL049b07			13.7	11.1	12.0	0.9	0.2	0.9	0.1
7730	**011f05**	AV635227	HC043e12			19.2	37.7	40.9	2.0	0.3	0.9	0.1
7731	**034h09**	BP096431	MXL058f05			5.5	4.9	6.2	0.9	0.2	0.9	0.5
7732	**022e12**	AV624005	LC071f06			33.7	33.7	35.8	1.0	0.2	0.9	0.1
7733	**128a10**	AV642153	HCL046e03			16.0	14.4	16.3	0.9	0.1	0.9	0.3
7734	**161f10**	BP093267	MXL005h06			21.7	17.2	18.2	0.8	0.1	0.9	0.2
7735	**143g08**	AV625945	LC100b05			6.0	4.7	5.1	0.8	0.1	0.9	0.1
7736	**015h10**	AV641537	HCL035g05			18.7	14.6	16.9	0.8	0.2	0.9	0.4
7737	**001a07**	AV397594	CL02d05			4.1	3.2	3.9	0.8	0.3	0.9	0.5
7738	**120b09**	AV635846	HC051g05			15.6	13.9	14.4	0.9	0.3	0.9	0.2
7739	**004f06**	AV386937	CM011g06			150.9	211.7	229.7	1.4	0.2	0.9	0.2
7740	**140b10**	AV623664	LC067a01			19.0	15.7	16.9	0.8	0.2	0.9	0.2
7741	**166f09**	BP095731	MXL046e07			8.6	26.1	26.2	3.2	2.3	0.9	0.5
7742	**106b03**	AV397101	CL75b07			19.2	27.5	28.9	1.4	0.1	0.9	0.1
7743	**104a08**	AV395611	CL44a10			5.2	5.5	7.9	1.2	0.5	0.9	0.6
7744	**013c03**	AV638230	HC083e12			6.7	4.8	5.2	0.8	0.3	0.9	0.1
7745	**108h11**	AV387888	CM022h01			9.8	7.8	8.3	0.8	0.1	0.9	0.2
7746	**117a08**	BP383688	HC004c08			10.6	9.3	10.8	0.9	0.0	0.9	0.3
7747	**141a10**	AV624256	LC075b10			37.7	30.4	32.6	0.8	0.2	0.9	0.2
7748	**019f06**	AV620131	LC018a04			15.7	23.8	25.5	1.7	0.6	0.9	0.1
7749	**006d03**	AV389750	CM039f06			31.6	20.4	21.7	0.6	0.2	0.9	0.3
7750	**105a04**	AV396074	CL56d01			4.2	5.0	5.8	1.2	0.2	0.9	0.4
7751	**033c07**	BP094228	MXL019h01			9.5	6.7	7.6	0.7	0.1	0.9	0.3
7752	**130h06**	AV643739	HCL075b05			4.4	4.2	4.7	1.0	0.3	0.9	0.2
7753	**011g12**	AV635545	HC047f12			15.4	10.7	11.3	0.8	0.2	0.9	0.2
7754	**144h07**	AV626426	LCL008h02			24.9	14.4	15.9	0.6	0.1	0.9	0.3
7755	**140c04**	AV623700	LC067e02			14.4	10.9	11.7	0.8	0.1	0.9	0.2
7756	**114d08**	AV389676	CM076f03			44.1	54.0	55.9	1.2	0.4	0.9	0.3
7757	**123f10**	AV639720	HCL003f11			13.1	13.2	14.1	1.0	0.2	0.9	0.2
7758	**101e05**	AV393657	CL10d02			11.1	12.1	12.9	1.1	0.4	0.9	0.2
7759	**166f02**	BP095716	MXL046c12			15.0	11.5	12.3	0.7	0.2	0.9	0.4
7760	**133a05**	AV644883	HCL095a12			16.0	12.8	14.1	0.8	0.1	0.9	0.2
7761	**148c06**	AV627940	LCL034b11			8.9	7.6	8.2	0.9	0.3	0.9	0.2
7762	**106h12**	AV386679	CM004d11			5.3	7.3	8.0	1.4	0.1	0.9	0.2
7763	**033a01**	BP093825	MXL014d02			13.5	13.6	14.8	1.0	0.0	0.9	0.1
7764	**113c02**	AV392865	CM065a05			4.1	4.3	4.6	1.0	0.1	0.9	0.1
7765	**033b10**	BP094163	MXL018h12			55.9	57.7	60.0	1.0	0.1	0.9	0.1
7766	**013b08**	AV638128	HC082c09			11.1	8.6	9.5	0.9	0.2	0.9	0.1
7767	**110b05**	AV388935	CM033g05			31.6	8.5	9.2	0.4	0.2	0.9	0.5
7768	**129e09**	AV642919	HCL060d12			18.5	14.8	16.7	0.8	0.1	0.9	0.3
7769	**154b03**	AV630805	LCL084e07			31.6	26.6	29.3	0.8	0.2	0.9	0.1
7770	**021e06**	AV622506	LC050e11			20.0	18.1	19.5	0.9	0.1	0.9	0.1
7771	**102c09**	AV394308	CL20f11			28.4	18.3	19.5	0.6	0.3	0.9	0.1
7772	**121h02**	AV637595	HC075b09			132.7	121.6	135.7	0.9	0.1	0.9	0.2
7773	**113c04**	AV392879	CM065b03			235.9	248.2	271.3	1.1	0.1	0.9	0.2
7774	**152d10**	AV629973	LCL070c07			6.6	6.1	6.5	0.9	0.2	0.9	0.1
7775	**136a06**	AV620414	LC021h03			7.0	15.0	17.1	2.2	0.4	0.9	0.3
7776	**172e04**	BP098403	MXL092g11			13.1	15.3	20.0	1.2	0.2	0.9	0.5
7777	**128e04**	AV642415	HCL051d09			22.1	22.6	24.5	1.0	0.1	0.9	0.1
7778	**124c08**	AV640088	HCL010b04			5.4	4.4	5.0	0.8	0.1	0.9	0.3
7779	**111f11**	AV391050	CM050d07			13.4	11.4	12.3	0.9	0.2	0.9	0.2
7780	**034d11**	BP095787	MXL047d07			2.6	2.1	2.1	0.8	0.3	0.9	0.2
7781	**017a09**	AV642844	HCL059b06			3.3	4.0	4.5	1.2	0.2	0.9	0.3
7782	**014g11**	AV640461	HCL016f09			7.9	6.7	7.3	0.9	0.0	0.9	0.4
7783	**005f06**	AV387640	CM027d06			25.2	33.5	36.8	1.3	0.1	0.9	0.1
7784	**013b09**	AV638138	HC082d11			14.2	27.7	30.1	2.0	0.2	0.9	0.2
7785	**141c04**	AV624368	LC076g07			16.8	14.6	15.6	0.9	0.4	0.9	0.1
7786	**117a02**	AV632064	HC003d11			10.5	14.0	15.3	1.4	0.3	0.9	0.2
7787	**123a06**	AV639129	HC095d01			18.6	20.3	22.0	1.1	0.2	0.9	0.1
7788	**107g05**	AV387135	CM012d06			4.0	3.5	3.8	0.9	0.2	0.9	0.2
7789	**020f10**	AV621347	LC034g07			4.8	3.6	3.9	0.8	0.2	0.9	0.2
7790	**102b06**	AV394165	CL19d01			2.6	2.7	3.0	1.0	0.1	0.9	0.3
7791	**110a12**	AV388864	CM033c09			9.4	9.9	13.3	1.2	0.5	0.9	0.6
7792	**125d03**	AV640602	HCL018h12			14.1	12.5	13.4	0.9	0.3	0.9	0.3
7793	**133h12**	AV645299	HCL100g09			27.0	25.0	33.2	0.9	0.1	0.9	0.5
7794	**116f12**	AV397997	CS001g11			9.7	10.0	10.8	1.0	0.1	0.9	0.1
7795	**126a03**	AV640909	HCL024e06			9.2	9.0	9.6	1.0	0.2	0.9	0.1
7796	**019f05**	AV620117	LC017g10			15.2	10.5	11.3	0.7	0.1	0.9	0.2
7797	**123d08**	AV639565	HCL001a12			6.4	5.5	5.9	0.9	0.1	0.9	0.1
7798	**149d07**	AV628475	LCL042d11			14.8	13.0	14.5	0.9	0.1	0.9	0.3
7799	**103h02**	AV395505	CL42f07			4.2	4.2	4.5	1.0	0.2	0.9	0.2
7800	**146h11**	AV627319	LCL024h10			37.5	39.0	46.4	1.0	0.2	0.9	0.4
7801	**111g09**	AV391147	CM051c04			11.7	10.2	11.0	0.9	0.1	0.9	0.1
7802	**130c10**	AV643373	HCL068e06			8.9	7.4	8.0	0.8	0.1	0.9	0.2
7803	**022g06**	AV624192	LC074b12			25.9	28.5	30.4	1.1	0.1	0.9	0.1
7804	**151c09**	AV629413	LCL058c12			16.1	12.4	13.5	0.8	0.1	0.9	0.2
7805	**121b03**	AV636829	HC064g09			11.4	7.8	8.6	0.7	0.1	0.9	0.3
7806	**032c05**	BP093072	MXL003a03			12.7	12.0	13.2	1.0	0.1	0.9	0.2
7807	**005g10**	AV388423	CM029f03			17.2	15.8	17.0	0.9	0.2	0.9	0.2
7808	**036e08**	BP098338	MXL091g06			10.9	10.0	11.7	0.9	0.3	0.9	0.6

	A	B	C	D	E	F	G	H	I	J	K	L
7809	**033a07**	BP093907	MXL015d10			8.6	7.4	7.9	0.9	0.1	0.9	0.0
7810	**017a06**	AV642807	HCL058d09			11.6	12.0	12.8	1.3	0.9	0.9	0.1
7811	**152h06**	AV630233	LCL075g12			15.5	13.3	16.8	0.9	0.2	0.9	0.4
7812	**143d02**	BP098798	MXL099c10			16.3	12.1	13.6	0.8	0.2	0.9	0.2
7813	**017c07**	AV643044	HCL062g07			6.1	5.9	6.3	1.0	0.3	0.9	0.0
7814	**109f06**	AV388027	CM028c06			5.9	4.5	4.8	0.8	0.2	0.9	0.2
7815	**123h12**	AV639884	HCL006f07			20.7	21.1	24.0	1.0	0.2	0.9	0.3
7816	**031c05**	BP086670	MX014a08			12.8	10.9	11.6	0.8	0.1	0.9	0.2
7817	**123h11**	AV639882	HCL006f04			14.3	14.2	19.0	1.0	0.1	0.9	0.6
7818	**126h08**	AV641553	HCL036b08			9.5	10.2	11.6	1.1	0.2	0.9	0.3
7819	**139h02**	AV623414	LC063d12			11.6	12.1	12.9	1.0	0.2	0.9	0.2
7820	**148c02**	AV627893	LCL033e02			32.9	27.4	30.5	0.9	0.2	0.9	0.2
7821	**128c06**	AV642255	HCL048d09			5.3	4.2	4.6	0.8	0.4	0.9	0.3
7822	**160g02**	BP089227	MX203c01			36.6	31.2	33.8	0.9	0.0	0.9	0.2
7823	**126f11**	AV641391	HCL032g07			5.1	4.9	5.3	1.0	0.2	0.9	0.2
7824	**154b04**	AV630811	LCL084f07			10.7	8.3	9.2	0.8	0.1	0.9	0.3
7825	**008f02**	AV388733	CM072b10			13.7	13.4	14.8	1.1	0.4	0.9	0.2
7826	**005d02**	AV387859	CM022f07			7.3	12.6	13.4	1.7	0.2	0.9	0.2
7827	**027h01**	AV629449	LCL058h10			12.1	9.1	10.9	0.8	0.1	0.9	0.4
7828	**118a08**	AV633370	HC020a07			16.5	12.3	13.2	0.7	0.1	0.9	0.1
7829	**159e12**	BP087876	MX045e08			7.2	8.9	9.4	1.2	0.2	0.9	0.2
7830	**112f03**	AV392095	CM058c01			28.3	18.4	20.5	0.7	0.1	0.9	0.2
7831	**105d07**	AV396522	CL63b07			2.4	2.6	3.0	1.1	0.3	0.9	0.6
7832	**128b04**	AV642189	HCL047b04			13.3	14.1	15.4	1.1	0.1	0.9	0.3
7833	**021c04**	AV622116	LC045c10			18.1	21.4	23.5	1.3	0.3	0.9	0.1
7834	**147g08**	AV627681	LCL030e02			15.8	14.6	15.7	0.9	0.1	0.9	0.1
7835	**118a10**	AV633423	HC020f05			40.2	43.5	48.8	1.1	0.1	0.9	0.3
7836	**027f07**	AV629319	LCL056e02			2.6	1.9	2.4	0.9	0.3	0.9	0.4
7837	**155d12**	AV631436	LCL093h07			28.6	34.2	37.5	1.2	0.2	0.9	0.1
7838	**016b05**	AV641718	HCL039c06			14.1	17.5	19.3	1.3	0.4	0.9	0.3
7839	**114b05**	AV389016	CM073g05			10.2	9.7	11.4	1.0	0.2	0.9	0.3
7840	**024g05**	AV626804	LCL015g03			26.0	23.1	25.7	0.9	0.1	0.9	0.2
7841	**106e04**	AV386459	CM001b04			77.7	85.0	87.0	1.0	0.4	0.9	0.3
7842	**124c03**	AV640076	HCL009h07			28.5	24.0	25.9	0.8	0.1	0.9	0.1
7843	**127d05**	AV641772	HCL040a03			13.6	16.1	18.9	1.2	0.3	0.9	0.4
7844	**113c09**	AV392918	CM065d09			5.7	4.7	5.6	0.9	0.2	0.9	0.4
7845	**012a08**	AV635946	HC053b06			13.5	14.9	16.2	1.1	0.2	0.9	0.2
7846	**134d09**	AV619235	LC005e06			8.4	7.4	8.0	0.9	0.1	0.9	0.1
7847	**104d11**	AV395732	CL50d01			6.9	8.5	10.1	1.2	0.2	0.9	0.5
7848	**160e05**	BP088692	MX066f08			12.6	11.1	12.9	1.0	0.3	0.9	0.2
7849	**114c04**	AV389205	CM074g11			28.4	12.8	13.8	0.5	0.1	0.9	0.3
7850	**122f11**	AV638706	HC089g01			79.9	46.9	50.1	0.6	0.2	0.9	0.2
7851	**036d11**	BP098256	MXL090c07			12.2	11.0	12.3	0.9	0.2	0.9	0.3
7852	**129f04**	AV642975	HCL061e03			20.6	18.6	20.3	0.9	0.2	0.9	0.1
7853	**172h03**	BP098558	MXL095d07			5.0	5.7	8.1	1.0	0.6	0.9	0.9
7854	**169e01**	BP096983	MXL068b11			5.8	6.3	9.6	1.1	0.1	0.9	0.7
7855	**144f06**	AV626311	LCL006f09			4.9	4.2	4.6	0.9	0.2	0.9	0.1
7856	**128d03**	AV642327	HCL049g08			33.0	37.8	43.4	1.2	0.4	0.9	0.4
7857	**129b07**	AV642702	HCL056c09			7.3	7.7	8.4	1.1	0.1	0.9	0.1
7858	**129h05**	AV643105	HCL063g10			10.7	9.1	10.0	0.9	0.3	0.9	0.1
7859	**118e10**	BP383693	HC026h03			55.2	56.3	61.6	1.0	0.1	0.9	0.1
7860	**023b06**	AV624721	LC081f11			32.3	25.0	28.3	0.8	0.2	0.9	0.2
7861	**159f07**	BP087978	MX048e03			17.9	15.7	16.9	0.9	0.2	0.9	0.2
7862	**156h02**	BP086392	MX007h02			138.4	116.4	125.8	0.9	0.4	0.9	0.1
7863	**027g07**	AV629423	LCL058e05			4.9	4.2	4.5	0.9	0.0	0.9	0.2
7864	**006g05**	AV390436	CM046b12			6.2	5.8	6.4	0.9	0.0	0.9	0.1
7865	**008h09**	AV389820	CM080a10			4.8	4.3	4.6	0.9	0.1	0.9	0.1
7866	**129c10**	AV642789	HCL057h11			16.5	14.8	16.2	0.9	0.1	0.9	0.2
7867	**125g06**	AV640788	HCL022d10			12.9	13.7	15.9	1.1	0.1	0.9	0.4
7868	**154h12**	AV631208	LCL090c04			13.1	9.1	12.1	0.7	0.2	0.9	0.6
7869	**032g05**	BP093605	MXL010g10			5.8	6.1	6.9	1.1	0.2	0.9	0.2
7870	**150a09**	AV628827	LCL047f08			23.8	19.6	21.7	0.8	0.0	0.9	0.2
7871	**149h07**	AV628718	LCL046b05			16.2	12.6	13.6	0.8	0.1	0.9	0.1
7872	**101c07**	AV392490	CM097a11			45.9	50.1	54.0	1.1	0.1	0.9	0.1
7873	**144g04**	AV626359	LCL007g07			15.5	13.0	14.0	0.8	0.1	0.9	0.0
7874	**110c05**	AV389083	CM034e12			25.0	16.4	18.2	0.7	0.1	0.9	0.3
7875	**142h10**	AV625521	LC094a11			14.4	10.6	11.5	0.7	0.1	0.9	0.1
7876	**112d06**	AV391807	CM056d09			4.2	3.1	3.4	0.8	0.3	0.9	0.1
7877	**152h08**	AV630235	LCL075h02			34.6	27.5	29.7	0.8	0.2	0.9	0.2
7878	**120g11**	AV636449	HC059f07			7.4	6.2	7.0	0.8	0.1	0.9	0.2
7879	**146g11**	AV627252	LCL023g06			15.4	22.3	24.6	1.4	0.3	0.9	0.1
7880	**151e05**	AV629542	LCL060f06			16.6	18.5	20.9	1.1	0.3	0.9	0.4
7881	**133f09**	AV645150	HCL098h01			7.2	6.9	7.5	1.0	0.2	0.9	0.1
7882	**101f05**	AV393801	CL12b03			4.6	5.4	5.9	1.1	0.2	0.9	0.2
7883	**010h08**	AV633782	HC025b10			9.3	9.9	10.4	1.1	0.2	0.9	0.4
7884	**125e10**	AV640690	HCL020g03			21.8	28.0	33.7	1.5	0.8	0.9	0.3
7885	**121f11**	AV637415	HC072h05			10.7	8.5	9.9	0.8	0.2	0.9	0.3
7886	**167e01**	BP098876	MXL100f05			12.4	11.7	12.8	1.0	0.3	0.9	0.1
7887	**101c12**	AV393590	CL05b10			7.2	5.4	6.7	0.7	0.2	0.9	0.5
7888	**154f12**	AV631089	LCL088f01			55.5	35.9	38.6	0.7	0.1	0.9	0.1
7889	**007a12**	AV391060	CM050d09			8.7	9.4	11.9	1.2	0.6	0.9	0.5
7890	**017b04**	AV642893	HCL060a10			8.7	6.4	6.9	0.7	0.1	0.9	0.1
7891	**152g08**	AV630128	LCL073f08			9.1	8.0	8.4	0.9	0.3	0.9	0.3
7892	**114f07**	AV389588	CM079b01			13.9	14.5	16.1	1.0	0.1	0.9	0.1
7893	**139g04**	AV623348	LC062d11			21.7	21.4	23.2	1.0	0.1	0.9	0.1
7894	**001g12**	AV394422	CL24e10			15.7	13.8	14.9	0.9	0.2	0.9	0.2
7895	**010c03**	AV632453	HC008d09			12.9	12.6	13.9	1.0	0.2	0.9	0.2
7896	**026e08**	AV628395	LCL041b04			5.5	3.2	3.3	0.6	0.1	0.9	0.2
7897	**102h12**	AV394737	CL30a03			15.1	10.9	11.9	0.7	0.2	0.9	0.5
7898	**155f12**	AV631559	LCL096b07			30.5	29.8	32.5	1.0	0.1	0.9	0.1
7899	**141c08**	AV624389	LC077b02			8.3	7.9	8.6	1.0	0.1	0.9	0.1
7900	**137e12**	AV621722	LC040b05			9.1	6.4	7.2	0.7	0.1	0.9	0.2
7901	**150g07**	AV629147	LCL053a10			26.5	23.4	25.5	0.9	0.2	0.9	0.1
7902	**151a01**	AV629280	LCL055g11			34.5	30.1	34.1	0.9	0.0	0.9	0.2
7903	**164d03**	BP094731	MXL028d01			7.9	6.1	7.0	0.8	0.1	0.9	0.3
7904	**124a09**	AV639950	HCL007g08			28.2	26.5	31.0	0.9	0.1	0.9	0.3
7905	**130d09**	AV643454	HCL069h10			8.3	6.3	6.9	0.8	0.1	0.9	0.0
7906	**113g07**	AV389365	CM070d04			25.7	18.6	29.9	0.7	0.1	0.9	0.6
7907	**123f12**	AV639729	HCL003h04			5.5	5.4	5.9	1.0	0.2	0.9	0.2
7908	**132c05**	AV644620	HCL091d01			24.1	16.9	18.5	0.7	0.1	0.9	0.1
7909	**164d02**	BP094725	MXL028c04			21.3	20.8	23.7	1.0	0.1	0.9	0.3
7910	**020b08**	AV620810	LC027b07			6.4	5.6	6.1	0.9	0.2	0.9	0.1
7911	**167e09**	BP096107	MXL052g08			6.5	7.0	8.8	1.1	0.1	0.9	0.4
7912	**148b06**	AV627853	LCL032h12			14.8	12.2	13.6	0.9	0.2	0.9	0.2
7913	**022e07**	AV623965	LC071b03			17.7	12.1	14.9	0.8	0.3	0.9	0.4
7914	**120h08**	AV636528	HC060f08			142.9	182.5	196.4	1.3	0.1	0.9	0.1
7915	**129f06**	AV642984	HCL061f07			13.4	12.3	13.3	0.9	0.2	0.9	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
7916	**154a12**	AV630785	LCL084c08			22.4	14.1	19.0	0.7	0.1	0.9	0.5
7917	**149a10**	AV628333	LCL040c02			8.0	6.9	7.7	0.9	0.1	0.9	0.1
7918	**170g07**	BP097590	MXL078b08			6.2	3.2	4.3	0.5	0.5	0.9	0.9
7919	**145d01**	AV626640	LCL012g10			31.4	22.5	25.4	0.8	0.2	0.9	0.2
7920	**168e12**	BP096591	MXL061c06			53.6	55.6	65.0	1.1	0.1	0.9	0.3
7921	**002c09**	AV395147	CL36e08			3.6	3.8	4.3	1.0	0.2	0.9	0.3
7922	**012c11**	AV636551	HC061a04			65.4	53.7	58.6	0.8	0.1	0.9	0.1
7923	**135g07**	AV620221	LC019b12			12.5	8.2	8.9	0.7	0.2	0.9	0.2
7924	**157g02**	BP087130	MX026b10			8.1	6.6	7.4	0.8	0.3	0.9	0.6
7925	**028a10**	AV629584	LCL061e01			2.5	1.7	1.9	0.7	0.3	0.9	0.4
7926	**105a09**	AV396283	CL57b04			24.2	21.0	23.8	0.9	0.4	0.9	0.4
7927	**024e06**	AV626635	LCL012g02			26.7	23.3	34.7	0.9	0.4	0.9	0.7
7928	**032d11**	BP093290	MXL006c03			17.9	12.1	13.2	0.7	0.1	0.9	0.1
7929	**145d10**	AV626699	LCL013h08			6.2	5.9	6.6	1.0	0.1	0.9	0.3
7930	**104g12**	AV396158	CL54e02			4.6	3.9	4.3	0.9	0.2	0.9	0.1
7931	**145d09**	AV626696	LCL013h04			18.0	16.6	18.7	0.9	0.1	0.9	0.2
7932	**104h11**	AV396046	CL55h12			8.8	12.6	14.7	1.4	0.1	0.9	0.2
7933	**107b06**	AV386774	CM007c12			8.3	8.0	8.7	1.0	0.1	0.9	0.2
7934	**110f11**	AV389700	CM039a11			4.8	4.9	5.3	1.0	0.1	0.9	0.2
7935	**159d12**	BP087794	MX043g05			59.3	55.8	67.0	0.9	0.2	0.9	0.5
7936	**172f01**	BP098442	MXL093d02			16.6	17.8	21.1	1.1	0.4	0.9	0.5
7937	**161f06**	BP093238	MXL005d12			24.2	24.6	27.8	1.0	0.3	0.9	0.3
7938	**140d10**	AV623832	LC069c08			5.6	5.2	5.7	0.9	0.2	0.9	0.2
7939	**165f01**	BP095268	MXL039b04			11.7	8.8	9.7	0.8	0.2	0.9	0.2
7940	**119c11**	AV634869	HC039a06			96.0	111.1	120.6	1.2	0.2	0.9	0.1
7941	**141h02**	AV624782	LC082f06			9.1	8.3	9.0	0.9	0.1	0.9	0.2
7942	**146c09**	AV627056	LCL020d07			63.1	55.7	62.6	0.9	0.1	0.9	0.1
7943	**105c01**	AV397914	CL59h07			4.1	5.1	5.7	1.4	0.7	0.9	0.3
7944	**128b06**	AV642202	HCL047d02			16.7	18.9	20.7	1.1	0.2	0.9	0.2
7945	**154g07**	AV631134	LCL089d01			13.9	13.0	14.7	1.0	0.2	0.9	0.2
7946	**128b03**	AV642179	HCL046h12			11.4	10.3	11.2	0.9	0.2	0.9	0.1
7947	**109b06**	AV388246	CM024b09			5.5	4.5	5.0	0.8	0.2	0.9	0.1
7948	**147c02**	AV627431	LCL026f06			13.6	12.9	14.8	1.0	0.3	0.9	0.2
7949	**160f03**	BP088842	MX101g02			43.9	56.8	61.4	1.3	0.3	0.9	0.1
7950	**106g03**	AV386604	CM003a10			11.6	7.0	7.8	0.6	0.1	0.9	0.2
7951	**153h09**	AV630720	LCL083c05			28.0	24.1	31.9	1.0	0.4	0.9	0.5
7952	**022f04**	AV624034	LC072a06			22.7	16.7	19.4	0.8	0.2	0.9	0.3
7953	**147g06**	AV627674	LCL030d04			10.7	14.3	15.7	1.3	0.1	0.9	0.1
7954	**172c06**	BP098296	MXL091a12			10.9	10.1	11.0	0.9	0.2	0.9	0.2
7955	**147d06**	AV627526	LCL028a10			16.0	14.2	15.5	0.9	0.1	0.9	0.0
7956	**032e04**	BP093360	MXL007d02			21.1	15.2	21.1	0.7	0.1	0.9	0.5
7957	**117e05**	AV632796	HC012f11			7.0	5.8	6.4	0.8	0.1	0.9	0.2
7958	**107a08**	AV387205	CM006g11			13.0	11.1	12.6	0.8	0.2	0.9	0.3
7959	**125e05**	AV640669	HCL020c08			10.0	8.6	9.4	0.9	0.1	0.9	0.1
7960	**124e01**	AV640151	HCL011c08			19.5	19.7	21.5	1.1	0.5	0.9	0.3
7961	**109e11**	AV387706	CM027g03			11.5	10.3	11.2	0.9	0.1	0.9	0.1
7962	**169d02**	BP096926	MXL067b11			8.2	5.0	5.6	0.6	0.1	0.9	0.3
7963	**103a03**	AV394740	CL30f03			2.4	2.8	3.2	1.3	0.3	0.9	0.4
7964	**010a11**	AV632179	HC004h12			12.4	10.2	11.0	0.8	0.3	0.9	0.3
7965	**028e10**	AV630101	LCL073b04			6.6	5.8	6.7	0.9	0.1	0.9	0.2
7966	**132g02**	AV644810	HCL094b04			15.8	14.5	16.2	0.9	0.1	0.9	0.2
7967	**150c05**	AV628930	LCL049b05			23.9	23.1	25.4	1.0	0.2	0.9	0.1
7968	**019g08**	AV620282	LC020a07			19.3	20.4	22.4	1.1	0.2	0.9	0.1
7969	**146f08**	AV627175	LCL022c03			15.9	13.4	14.9	0.8	0.0	0.9	0.1
7970	**147g07**	AV627675	LCL030d05			5.8	5.2	5.9	0.9	0.0	0.9	0.2
7971	**031e09**	BP087014	MX022h07			126.4	110.0	124.5	0.9	0.1	0.9	0.3
7972	**169h11**	BP097181	MXL071d05			10.3	12.9	16.6	1.3	0.7	0.9	0.7
7973	**019b04**	AV619607	LC010f10			57.9	37.2	42.8	0.7	0.2	0.9	0.3
7974	**015e09**	AV641197	HCL029f02			13.3	12.8	13.8	1.0	0.4	0.9	0.2
7975	**154g01**	AV631091	LCL088f03			13.0	10.0	11.9	0.8	0.2	0.9	0.5
7976	**146b09**	AV627017	LCL019h05			19.0	14.8	16.7	0.8	0.1	0.9	0.2
7977	**034c04**	BP095532	MXL043d01			9.2	8.0	9.5	0.9	0.2	0.9	0.3
7978	**157f02**	BP087071	MX024e03			7.5	6.6	7.4	0.9	0.1	0.9	0.2
7979	**130g06**	AV643688	HCL074c01			12.4	12.4	13.8	1.0	0.2	0.9	0.3
7980	**017a11**	AV642849	HCL059c03			17.5	11.7	21.9	0.8	0.4	0.9	0.7
7981	**001h09**	AV394681	CL27a12			3.9	3.8	4.4	1.0	0.1	0.9	0.4
7982	**025h09**	AV627917	LCL033h02			8.3	8.2	9.2	1.0	0.2	0.9	0.2
7983	**151a11**	AV629329	LCL056f11			15.1	18.1	20.4	1.2	0.2	0.9	0.2
7984	**160e01**	BP088654	MX065h07			11.7	9.9	11.2	0.9	0.1	0.9	0.3
7985	**137h08**	AV621961	LC043c02			45.1	74.3	87.5	1.7	0.2	0.9	0.3
7986	**107h05**	AV387102	CM013e08			11.4	7.4	8.1	0.7	0.2	0.9	0.2
7987	**157d06**	BP086880	MX019d10			16.5	15.0	17.0	1.0	0.3	0.9	0.2
7988	**123f06**	AV639677	HCL002h08			7.3	5.8	6.5	0.8	0.1	0.9	0.3
7989	**151f09**	AV629623	LCL062b12			7.5	7.6	8.4	1.0	0.2	0.9	0.1
7990	**124f10**	AV640226	HCL012e06			10.9	10.5	11.4	1.0	0.1	0.9	0.1
7991	**155e07**	AV631462	LCL094e03			10.0	9.4	10.6	1.0	0.3	0.9	0.1
7992	**166e01**	BP095651	MXL045c03			7.3	6.8	7.8	0.9	0.2	0.9	0.6
7993	**135a10**	AV619674	LC011f03			39.6	36.5	40.0	0.9	0.1	0.9	0.1
7994	**017c01**	AV642982	HCL061f05			12.8	15.9	19.1	1.5	0.6	0.9	0.2
7995	**009c08**	AV390850	CM087h09			9.9	6.6	7.2	0.7	0.1	0.9	0.1
7996	**009c05**	AV391135	CM087d05			15.6	21.1	23.1	1.4	0.2	0.9	0.1
7997	**011b08**	AV634392	HC032g09			9.3	8.4	9.2	0.9	0.1	0.9	0.1
7998	**101f08**	AV393810	CL12h07			6.1	5.0	5.7	0.9	0.3	0.9	0.3
7999	**004f11**	AV387113	CM012e10			61.7	61.1	67.0	1.0	0.2	0.9	0.0
8000	**012b11**	AV636304	HC057g03			6.2	5.4	6.1	0.9	0.1	0.9	0.2
8001	**013e07**	AV638816	HC091b12			8.1	7.9	8.6	1.0	0.3	0.9	0.1
8002	**124a05**	AV639942	HCL007f05			15.6	14.0	15.5	0.9	0.1	0.9	0.1
8003	**149h02**	AV628691	LCL045f09			6.5	6.1	6.7	1.0	0.1	0.9	0.1
8004	**010a09**	AV632139	HC004d09			12.1	10.3	11.4	0.9	0.2	0.9	0.1
8005	**030a08**	AV631310	LCL091h01			5.2	4.8	5.2	1.0	0.3	0.9	0.2
8006	**153e12**	AV630552	LCL080f04			23.9	18.3	31.0	0.8	0.1	0.9	0.6
8007	**015g10**	AV641431	HCL033e03			18.2	14.5	21.7	0.8	0.3	0.9	0.6
8008	**015b03**	AV640729	HCL021d06			5.3	4.7	5.3	0.8	0.2	0.9	0.5
8009	**031c10**	BP086747	MX015h04			11.5	17.2	19.1	1.5	0.3	0.9	0.1
8010	**030b07**	AV631442	LCL094a05			28.7	20.2	22.8	0.7	0.1	0.9	0.2
8011	**150a11**	AV628834	LCL047g04			12.6	11.9	14.9	1.0	0.1	0.9	0.4
8012	**171c09**	BP097828	MXL082a05			31.5	28.7	36.5	1.0	0.3	0.9	0.4
8013	**009g10**	AV392734	CM099h05			3.7	4.3	4.9	1.2	0.1	0.9	0.3
8014	**170c08**	BP097339	MXL074b02			4.6	5.2	5.8	1.2	0.6	0.9	0.3
8015	**130g01**	AV643654	HCL073e05			11.6	12.7	13.9	1.1	0.2	0.9	0.1
8016	**153g06**	AV630639	LCL081h10			15.9	11.3	12.7	0.7	0.0	0.9	0.1
8017	**122a11**	AV637834	HC078b09			7.6	7.1	7.9	0.9	0.1	0.9	0.1
8018	**131g12**	AV644318	HCL086c03			30.9	24.4	27.5	0.8	0.1	0.9	0.2
8019	**005d11**	AV388214	CM024e12			6.4	7.7	8.8	1.2	0.4	0.9	0.3
8020	**143g07**	AV625943	LC100b03			4.5	3.3	3.9	0.7	0.0	0.9	0.3
8021	**130d06**	AV643441	HCL069g03			11.9	9.3	10.5	0.8	0.1	0.9	0.2
8022	**013f08**	AV639179	HC096a03			10.1	7.2	8.1	0.7	0.1	0.9	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
8023	**160h10**	BP089428	MX207b05			3.8	4.0	5.1	1.1	0.4	0.9	0.5
8024	**010b08**	AV632331	HC006h01			9.2	13.3	13.9	1.4	0.5	0.9	0.4
8025	**013d08**	AV638660	HC089b06			6.0	7.0	8.1	1.2	0.1	0.9	0.3
8026	**014g12**	AV640472	HCL016h09			8.1	8.5	9.7	1.0	0.3	0.9	0.4
8027	**112f07**	AV392144	CM058e06			12.1	10.2	11.4	0.9	0.1	0.9	0.1
8028	**137h12**	AV621990	LC043f04			31.7	32.3	35.4	1.0	0.0	0.9	0.1
8029	**149g04**	AV628624	LCL044f09			17.1	14.9	16.5	0.9	0.1	0.9	0.1
8030	**032c06**	BP093074	MXL003a07			11.0	8.6	9.4	0.8	0.2	0.9	0.2
8031	**122g12**	AV638955	HC093a11			183.6	193.3	213.7	1.1	0.2	0.9	0.1
8032	**150d02**	AV628956	LCL049e07			17.6	13.2	15.8	0.8	0.0	0.9	0.4
8033	**140f09**	AV623991	LC071d12			16.0	13.8	15.7	0.9	0.1	0.9	0.2
8034	**002b10**	AV394949	CL33d09			6.0	4.5	5.1	0.8	0.4	0.9	0.4
8035	**153f07**	AV630580	LCL081a09			5.5	4.9	5.4	0.9	0.1	0.9	0.1
8036	**155d04**	AV631396	LCL093c01			16.2	8.1	9.8	0.5	0.0	0.9	0.5
8037	**124f07**	AV640212	HCL012c05			9.5	7.3	8.1	0.8	0.1	0.9	0.1
8038	**137d10**	AV621579	LC038a07			8.8	8.7	9.8	1.0	0.3	0.9	0.2
8039	**162f09**	BP093872	MXL015a02			17.0	15.5	18.9	0.9	0.1	0.9	0.3
8040	**141c10**	AV624405	LC077c11			8.3	7.6	8.3	0.9	0.2	0.9	0.2
8041	**027d12**	AV629204	LCL054d03			3.4	3.4	3.7	1.0	0.4	0.9	0.3
8042	**118f02**	AV633968	HC027e06			7.7	8.5	9.7	1.1	0.1	0.9	0.1
8043	**143b09**	AV625623	LC095f01			23.2	19.1	22.5	0.9	0.2	0.9	0.3
8044	**014d06**	AV639999	HCL008e07			4.9	3.4	4.2	0.7	0.2	0.9	0.5
8045	**166f03**	BP095719	MXL046d03			8.1	8.8	10.8	1.1	0.1	0.9	0.4
8046	**011h10**	AV635724	HC050b02			14.9	16.9	18.3	1.1	0.1	0.9	0.1
8047	**116c07**	AV392230	CM098c02			20.0	21.4	23.6	1.1	0.1	0.9	0.1
8048	**118g03**	AV634117	HC029e03			9.5	7.0	7.8	0.7	0.1	0.9	0.1
8049	**036b09**	BP097895	MXL083a11			18.5	8.7	11.6	0.5	0.2	0.9	0.6
8050	**116a03**	BP098664	MXL097b02			7.7	10.4	13.4	1.4	0.2	0.9	0.6
8051	**128e08**	AV642432	HCL051f05			21.4	26.8	29.3	1.2	0.2	0.9	0.1
8052	**156f12**	BP086290	MX005h09			252.7	261.9	290.8	1.1	0.1	0.9	0.2
8053	**125e02**	AV640640	HCL019f06			10.8	9.6	10.9	0.9	0.2	0.9	0.2
8054	**159d02**	BP087772	MX043c08			4.5	4.0	4.4	0.9	0.1	0.9	0.3
8055	**132g10**	AV644826	HCL094c10			18.2	14.9	16.4	0.8	0.1	0.9	0.2
8056	**152d02**	AV629934	LCL069d04			37.9	38.9	42.4	1.1	0.1	0.9	0.1
8057	**033d12**	BP094394	MXL022e02			22.7	29.8	33.3	1.3	0.2	0.9	0.1
8058	**154d01**	AV630928	LCL086d11			25.5	21.5	27.9	0.8	0.1	0.9	0.4
8059	**167g11**	BP096205	MXL054f01			12.1	18.9	19.9	1.5	0.2	0.9	0.3
8060	**117h12**	AV633293	HC019a10			3.5	3.1	3.8	0.9	0.3	0.9	0.4
8061	**131h07**	AV644361	HCL087a11			17.1	17.7	22.9	1.1	0.2	0.9	0.4
8062	**142g12**	AV625449	LC092g03			8.8	8.5	9.3	1.0	0.1	0.9	0.2
8063	**030d07**	AV631655	LCL097f10			6.7	4.7	5.6	0.7	0.0	0.9	0.4
8064	**162e09**	BP093812	MXL014b06			8.9	7.7	8.6	0.9	0.2	0.9	0.1
8065	**024a02**	AV626262	LCL005d09			17.1	9.9	11.1	0.6	0.1	0.9	0.1
8066	**114c07**	AV389222	CM074h08			11.8	9.8	10.8	0.8	0.1	0.9	0.1
8067	**159e05**	BP087808	MX044a03			7.2	7.8	9.1	1.1	0.3	0.9	0.3
8068	**153d09**	AV630480	LCL079e03			22.1	18.8	21.6	0.9	0.2	0.9	0.2
8069	**142d06**	AV625162	LC088f10			12.3	9.4	10.1	0.8	0.2	0.9	0.2
8070	**137h09**	AV621969	LC043d01			7.0	6.2	6.9	0.9	0.0	0.9	0.1
8071	**104a07**	AV395542	CL43h05			103.2	117.5	131.6	1.2	0.2	0.9	0.1
8072	**125e03**	AV640644	HCL019g03			5.8	4.9	5.6	0.9	0.1	0.9	0.2
8073	**144f03**	AV626306	LCL006e07			16.8	13.9	15.6	0.8	0.1	0.9	0.1
8074	**159h07**	BP088183	MX053e05			4.3	4.9	6.8	1.2	0.7	0.9	0.7
8075	**142b04**	AV624951	LC084h12			14.3	15.1	17.9	1.0	0.2	0.9	0.4
8076	**110c06**	AV389091	CM034g07			25.2	20.5	26.4	0.8	0.1	0.9	0.3
8077	**146f02**	AV627162	LCL022a10			32.6	28.4	31.2	0.9	0.1	0.9	0.1
8078	**147d03**	AV627509	LCL027g10			14.5	22.4	25.6	1.5	0.1	0.9	0.2
8079	**162h01**	BP093959	MXL016c05			5.3	5.1	8.5	0.9	0.5	0.9	0.8
8080	**117h04**	AV633209	HC018a10			6.2	6.1	6.6	1.0	0.1	0.9	0.1
8081	**029h04**	AV631173	LCL089h01			16.0	13.8	19.8	0.9	0.2	0.9	0.5
8082	**148d07**	AV628003	LCL035b10			40.6	33.9	39.0	0.9	0.2	0.9	0.2
8083	**148e09**	AV628076	LCL036c12			18.3	19.7	21.7	1.1	0.1	0.9	0.1
8084	**121h10**	AV637684	HC076c01			9.9	9.6	10.7	1.0	0.1	0.9	0.3
8085	**144h06**	AV626425	LCL008h01			26.5	20.6	22.7	0.8	0.0	0.9	0.0
8086	**139d10**	AV623087	LC058g04			4.2	4.4	4.9	1.1	0.1	0.9	0.1
8087	**148g05**	AV628164	LCL037g01			9.6	7.1	7.9	0.7	0.1	0.9	0.2
8088	**135e09**	AV620038	LC016g02			16.1	13.6	15.3	0.8	0.1	0.9	0.2
8089	**010g11**	AV633586	HC022f04			14.0	17.2	20.8	1.2	0.3	0.9	0.4
8090	**026a08**	AV628020	LCL035e03			22.7	17.8	25.1	0.8	0.1	0.9	0.5
8091	**126f02**	AV641360	HCL032c06			21.1	19.7	23.3	0.9	0.1	0.9	0.3
8092	**032b02**	BP092961	MXL001d12			30.6	12.5	16.2	0.5	0.2	0.9	0.5
8093	**029d10**	AV630837	LCL085a02			47.5	44.1	69.0	1.0	0.2	0.9	0.6
8094	**168d08**	BP096494	MXL059f06			13.5	13.3	14.7	1.0	0.1	0.9	0.1
8095	**142g09**	AV625440	LC092f01			5.8	5.1	5.8	0.9	0.3	0.9	0.3
8096	**142c09**	AV625055	LC087c01			7.8	6.9	7.8	0.9	0.3	0.9	0.2
8097	**145b01**	AV626508	LCL010c11			7.6	10.4	11.6	1.4	0.2	0.9	0.1
8098	**169f08**	BP097072	MXL069e12			8.7	6.4	7.4	0.7	0.2	0.9	0.3
8099	**028a07**	AV629573	LCL061c04			4.2	2.6	3.8	0.6	0.1	0.9	0.5
8100	**160d02**	BP088563	MX063e01			4.9	5.5	6.1	1.1	0.1	0.9	0.1
8101	**129c06**	AV642774	HCL057f11			20.9	22.4	26.2	1.1	0.3	0.9	0.3
8102	**114c01**	AV388925	CM074b08			53.9	89.2	100.6	1.7	0.1	0.9	0.1
8103	**030c07**	AV631518	LCL095d12			8.9	13.1	14.6	1.5	0.3	0.9	0.2
8104	**003g10**	AV397079	CL75e06			4.1	4.4	5.3	1.1	0.1	0.9	0.4
8105	**031f09**	BP087240	MX028g06			9.0	7.3	8.2	0.8	0.1	0.9	0.2
8106	**147c04**	AV627440	LCL026g09			7.0	6.5	7.2	1.0	0.2	0.9	0.2
8107	**009g11**	AV392748	CM099h08			11.6	7.9	8.9	0.7	0.3	0.9	0.2
8108	**152f11**	AV630076	LCL072e10			8.4	8.3	9.6	1.0	0.0	0.9	0.2
8109	**131e06**	AV644166	HCL083c01			18.9	22.0	26.1	1.2	0.3	0.9	0.4
8110	**113c05**	AV392888	CM065b05			19.2	10.4	11.7	0.6	0.2	0.9	0.1
8111	**122a08**	AV637822	HC078a02			5.3	4.4	5.1	0.9	0.3	0.9	0.3
8112	**018d07**	AV644512	HCL089g09			22.1	20.7	23.8	0.9	0.1	0.9	0.1
8113	**161f01**	BP093221	MXL005c01			16.0	15.7	18.7	1.0	0.2	0.9	0.4
8114	**010b03**	AV632214	HC005d04			7.8	6.3	6.8	0.8	0.1	0.9	0.2
8115	**156f07**	BP086261	MX005c05			6.2	7.6	9.0	1.2	0.1	0.9	0.3
8116	**008g07**	AV389474	CM076a08			9.8	10.1	11.1	1.1	0.2	0.9	0.1
8117	**120g04**	AV636389	HC058h03			3.7	3.4	3.8	0.9	0.2	0.9	0.2
8118	**105a10**	AV396287	CL57b05			8.6	8.8	11.0	1.1	0.1	0.9	0.4
8119	**026a09**	AV628047	LCL035h10			43.4	33.0	46.1	0.8	0.0	0.9	0.4
8120	**016b11**	AV641824	HCL040h08			8.5	8.0	9.7	1.0	0.3	0.9	0.4
8121	**102c06**	AV394329	CL20e04			15.6	13.8	15.5	0.9	0.5	0.9	0.3
8122	**127f06**	AV641932	HCL042f04			6.1	5.1	5.7	0.8	0.1	0.9	0.1
8123	**102c08**	AV394330	CL20f04			7.6	5.8	6.5	0.8	0.1	0.9	0.1
8124	**133d04**	AV645041	HCL097d02			21.7	26.4	29.5	1.2	0.4	0.9	0.2
8125	**141h05**	AV624796	LC082h05			7.3	5.3	6.0	0.8	0.4	0.9	0.2
8126	**144g06**	AV626366	LCL007h09			24.1	20.8	23.3	0.9	0.1	0.9	0.0
8127	**034a06**	BP095178	MXL037c02			14.2	14.4	16.5	1.0	0.1	0.9	0.2
8128	**127a04**	AV641606	HCL037c06			4.0	3.2	3.5	0.8	0.1	0.9	0.2
8129	**114f02**	AV388595	CM078e08			10.4	7.9	9.2	0.8	0.1	0.9	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
8130	**126c09**	AV641172	HCL029b02			13.0	10.9	12.2	0.9	0.1	0.9	0.1
8131	**170d04**	BP097404	MXL075b08			10.6	14.5	16.2	1.4	0.1	0.9	0.1
8132	**135e07**	AV620020	LC016d08			13.6	11.5	12.9	0.8	0.1	0.9	0.2
8133	**150f06**	AV629096	LCL051h12			29.2	27.1	30.7	0.9	0.0	0.9	0.1
8134	**150f04**	AV629088	LCL051g11			12.6	11.1	12.5	1.0	0.3	0.9	0.1
8135	**014h10**	AV640549	HCL018b07			4.1	4.4	5.0	1.1	0.1	0.9	0.2
8136	**145g02**	AV626825	LCL016b01			26.6	21.2	23.6	0.8	0.1	0.9	0.1
8137	**027f04**	AV629308	LCL056c10			9.1	7.6	8.5	0.8	0.1	0.9	0.2
8138	**127g08**	AV642001	HCL043f11			15.0	14.7	16.2	1.0	0.1	0.9	0.1
8139	**147b05**	AV627396	LCL026b08			26.1	23.3	26.1	0.9	0.2	0.9	0.1
8140	**143b10**	BP098794	MXL099c06			13.2	11.7	13.1	0.9	0.3	0.9	0.2
8141	**005d06**	AV387760	CM023h10			8.0	9.0	10.1	1.2	0.2	0.9	0.1
8142	**009f07**	AV392405	CM096f01			19.6	14.7	16.7	0.8	0.1	0.9	0.1
8143	**144c07**	AV626209	LCL004c10			22.2	19.7	23.9	0.9	0.2	0.9	0.3
8144	**136a10**	AV620448	LC022c09			27.4	28.7	31.9	1.0	0.1	0.9	0.0
8145	**012g05**	AV637332	HC071g06			35.8	34.2	37.9	1.0	0.1	0.9	0.2
8146	**034c06**	BP095545	MXL043f04			3.4	2.5	2.8	0.8	0.2	0.9	0.2
8147	**163g04**	BP094473	MXL023f04			10.5	8.3	9.1	0.8	0.3	0.9	0.3
8148	**146h06**	AV627280	LCL024c11			53.2	79.1	95.5	1.5	0.1	0.9	0.3
8149	**150a07**	AV628799	LCL047c07			7.5	6.7	7.5	0.9	0.2	0.9	0.1
8150	**035e10**	BP097120	MXL070d12			171.9	82.4	89.7	0.5	0.2	0.9	0.4
8151	**004c10**	AV386867	CM005g02			16.9	14.6	17.3	0.9	0.1	0.9	0.3
8152	**141d12**	AV624494	LC078e04			20.2	39.3	43.6	2.0	0.5	0.9	0.1
8153	**102d12**	AV394239	CL22f01			6.9	5.8	7.0	0.9	0.1	0.9	0.3
8154	**007g11**	AV392371	CM061c01			13.5	16.6	18.5	1.2	0.2	0.9	0.2
8155	**013c09**	AV638435	HC086d02			8.3	10.1	11.3	1.2	0.4	0.9	0.3
8156	**118f06**	AV634026	HC028c08			12.4	8.3	9.4	0.7	0.1	0.9	0.2
8157	**126b01**	AV641027	HCL026d12			10.2	10.0	11.2	1.0	0.1	0.9	0.1
8158	**166d08**	BP095626	MXL044g11			18.4	19.1	22.1	1.1	0.1	0.9	0.2
8159	**142e01**	AV625181	LC089a01			10.5	8.6	10.8	0.8	0.1	0.9	0.3
8160	**143c10**	AV625667	LC096b12			11.0	8.2	9.4	0.7	0.0	0.9	0.2
8161	**017a05**	AV626524	LCL010f02			8.9	8.4	9.4	1.0	0.2	0.9	0.2
8162	**156d07**	BP086092	MX001g08			14.8	13.0	14.6	0.9	0.1	0.9	0.1
8163	**002h07**	AV395898	CL51e06			7.6	7.6	8.5	1.0	0.2	0.9	0.1
8164	**172f12**	BP098500	MXL094c09			26.0	13.4	15.4	0.5	0.0	0.9	0.2
8165	**104g11**	AV396136	CL54d04			57.9	54.8	61.5	1.0	0.3	0.9	0.1
8166	**150h08**	AV629265	LCL055f01			8.6	6.1	6.9	0.8	0.3	0.9	0.1
8167	**147g10**	AV627693	LCL030f07			5.7	5.0	5.6	0.9	0.1	0.9	0.1
8168	**154e01**	AV630973	LCL087a12			29.4	21.6	26.5	0.7	0.1	0.9	0.4
8169	**019d05**	AV619865	LC013h02			328.8	328.7	378.5	1.0	0.1	0.9	0.3
8170	**126g11**	AV641487	HCL034e09			38.9	28.1	33.1	0.7	0.1	0.9	0.3
8171	**016c05**	AV641878	HCL041g07			20.9	26.2	29.8	1.3	0.1	0.9	0.1
8172	**171d02**	BP097872	MXL082g01			10.5	8.1	9.2	0.8	0.3	0.9	0.4
8173	**133b07**	BP383768	HCL096d07			12.6	10.4	12.2	0.9	0.2	0.9	0.3
8174	**014f04**	AV640217	HCL012c12			11.3	9.3	12.2	0.8	0.1	0.9	0.4
8175	**149e04**	AV628518	LCL043b05			11.7	9.6	11.0	0.8	0.1	0.9	0.2
8176	**124f04**	AV640208	HCL012b09			21.7	19.6	22.1	0.9	0.1	0.9	0.0
8177	**023h03**	AV626176	LCL003f07			27.4	23.2	31.0	0.9	0.3	0.9	0.4
8178	**126c12**	AV641199	HCL029f05			14.5	12.9	15.1	0.9	0.1	0.9	0.3
8179	**034c09**	BP095638	MXL045a09			6.0	4.9	5.8	0.8	0.1	0.9	0.3
8180	**146b02**	AV626995	LCL019e06			24.3	19.3	23.4	0.8	0.1	0.9	0.3
8181	**106b12**	AV397131	CL76a09			10.1	10.2	12.5	1.1	0.3	0.9	0.6
8182	**033a03**	BP093856	MXL014g07			10.2	6.9	7.9	0.7	0.2	0.9	0.2
8183	**036c09**	BP098060	MXL086c05			14.5	15.1	16.9	1.0	0.1	0.9	0.1
8184	**114g07**	AV390567	CM080f04			4.0	4.0	4.5	1.0	0.2	0.9	0.1
8185	**140g04**	AV624058	LC072d02			37.4	30.5	33.9	0.8	0.1	0.9	0.2
8186	**036a04**	BP097613	MXL078e05			13.1	8.9	12.7	0.7	0.1	0.9	0.5
8187	**129b11**	AV642724	HCL056g03			23.1	22.5	25.9	1.0	0.0	0.9	0.2
8188	**129g12**	AV643055	HCL062h12			12.2	10.5	14.1	0.9	0.1	0.9	0.5
8189	**007e06**	AV391836	CM056g08			25.5	24.9	27.9	1.0	0.1	0.9	0.1
8190	**129g04**	BP383738	HCL062a08			14.1	11.8	13.4	0.9	0.1	0.9	0.2
8191	**017d11**	AV643236	HCL066b05			3.1	3.3	3.9	1.1	0.3	0.9	0.4
8192	**128c02**	AV642245	HCL048c05			5.4	5.2	5.8	1.0	0.3	0.9	0.2
8193	**117f07**	AV632972	HC015a09			190.5	208.1	238.6	1.1	0.2	0.9	0.2
8194	**030h01**	BP086210	MX004b05			18.7	13.4	15.1	0.7	0.1	0.9	0.1
8195	**006e02**	AV390018	CM041e02			9.0	9.0	10.9	1.1	0.4	0.9	0.4
8196	**117f06**	AV632927	HC014e01			49.4	37.2	40.3	0.8	0.3	0.9	0.2
8197	**112g11**	AV392318	CM060h04			18.8	16.3	18.6	0.9	0.2	0.9	0.2
8198	**154f11**	AV631086	LCL088e10			42.4	38.8	43.8	0.9	0.2	0.9	0.1
8199	**121c08**	AV637005	HC067c09			11.8	11.1	12.4	0.9	0.2	0.9	0.2
8200	**133b04**	AV644975	HCL096c05			9.6	8.2	9.2	0.9	0.1	0.9	0.1
8201	**165h03**	BP095372	MXL040g08			7.1	7.1	9.0	1.1	0.2	0.9	0.4
8202	**105e10**	AV396604	CL65f11			3.8	3.0	3.5	0.8	0.0	0.9	0.2
8203	**140c01**	AV623690	LC067d01			6.7	8.7	9.4	1.3	0.6	0.9	0.2
8204	**131a05**	AV643805	HCL076d04			13.5	11.1	12.5	0.8	0.1	0.9	0.3
8205	**118a04**	AV633337	HC019f06			63.7	66.7	75.9	1.1	0.1	0.9	0.1
8206	**132d09**	BP383759	HCL092c12			9.4	7.8	8.9	0.8	0.2	0.9	0.2
8207	**127h06**	AV642049	HCL044e10			21.2	18.8	23.9	0.9	0.0	0.9	0.4
8208	**157d08**	BP086888	MX019f02			7.5	8.1	10.4	1.1	0.3	0.9	0.4
8209	**150a10**	AV628828	LCL047f09			71.1	71.2	81.8	1.0	0.1	0.9	0.1
8210	**169d12**	BP096982	MXL068b09			5.6	4.8	5.4	0.9	0.1	0.9	0.1
8211	**137e06**	AV621670	LC039d07			8.8	8.2	9.5	0.9	0.2	0.9	0.3
8212	**147b07**	AV627412	LCL026d02			15.9	13.0	15.5	0.8	0.1	0.9	0.3
8213	**103d10**	AV395129	CL36d05			12.1	6.8	7.8	0.6	0.2	0.9	0.3
8214	**024e04**	AV626628	LCL012e10			37.2	29.6	37.0	0.8	0.1	0.9	0.3
8215	**108h02**	AV387832	CM022c04			66.4	78.9	86.1	1.2	0.6	0.9	0.2
8216	**014c04**	AV639871	HCL006e01			10.0	10.5	13.0	1.1	0.2	0.9	0.4
8217	**130d03**	BP383744	HCL069d01			12.5	11.3	12.8	0.9	0.1	0.9	0.2
8218	**111g08**	AV391140	CM051c02			11.1	9.3	10.8	0.8	0.1	0.9	0.3
8219	**004a03**	AV386530	CM001d09			111.1	110.5	123.1	1.0	0.2	0.9	0.1
8220	**105d01**	AV396326	CL61g06			6.5	10.7	12.1	1.6	0.3	0.9	0.2
8221	**144d09**	AV626249	LCL005b03			29.3	23.0	26.2	0.8	0.1	0.9	0.2
8222	**119g08**	AV635370	HC045e06			23.4	22.0	24.8	1.0	0.4	0.9	0.1
8223	**124a08**	AV639949	HCL007g07			9.3	8.8	9.9	1.0	0.1	0.9	0.1
8224	**104a11**	AV395619	CL44d04			4.6	5.9	7.3	1.4	0.3	0.9	0.5
8225	**008a11**	AV392809	CM064c11			6.1	4.8	5.5	0.8	0.3	0.9	0.3
8226	**028c06**	AV629827	LCL067a08			3.7	2.7	3.3	0.7	0.1	0.9	0.3
8227	**125a03**	AV640383	HCL015c07			23.5	22.4	25.8	1.0	0.0	0.9	0.1
8228	**117a12**	AV632183	HC005a05			17.8	13.0	14.6	0.9	0.5	0.9	0.1
8229	**113b04**	AV392794	CM064a11			79.2	77.1	82.7	0.9	0.2	0.9	0.2
8230	**152e12**	AV630032	LCL071f04			10.9	9.4	10.5	0.9	0.1	0.9	0.1
8231	**146c07**	AV627048	LCL020c09			14.7	13.7	15.7	0.9	0.1	0.9	0.3
8232	**021d09**	AV622369	LC048g03			7.2	6.6	7.5	0.9	0.4	0.9	0.4
8233	**146e06**	AV627126	LCL021e04			8.7	9.0	10.1	1.1	0.2	0.9	0.1
8234	**123g04**	AV639759	HCL004e07			8.9	8.0	9.4	0.9	0.3	0.9	0.3
8235	**118f11**	AV634091	HC029b05			23.5	12.5	13.6	0.6	0.2	0.9	0.3
8236	**156e10**	BP086203	MX003h11			7.9	6.5	7.5	0.8	0.1	0.9	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
8237	**026h03**	AV628583	LCL044b04			2.3	2.5	2.9	1.2	0.5	0.9	0.2
8238	**113g05**	AV389324	CM070c11			9.8	10.2	11.6	1.0	0.1	0.9	0.2
8239	**009e05**	AV391693	CM092f07			12.1	11.4	13.0	0.9	0.1	0.9	0.2
8240	**114b07**	BP098652	MXL096h12			8.8	7.8	8.7	0.9	0.2	0.9	0.2
8241	**010b05**	AV632255	HC005h05			14.5	14.5	16.4	1.0	0.1	0.9	0.1
8242	**010g07**	AV633528	HC021h01			36.4	31.9	35.7	0.9	0.1	0.9	0.0
8243	**138h05**	AV622672	LC052g12			17.7	14.2	16.6	0.8	0.2	0.9	0.2
8244	**142c08**	AV625053	LC087b11			33.5	31.0	35.0	1.0	0.3	0.9	0.2
8245	**128d11**	AV642390	HCL051a05			14.8	14.2	15.9	1.0	0.3	0.9	0.1
8246	**109e04**	AV387627	CM027b12			7.2	7.2	8.1	1.0	0.2	0.9	0.1
8247	**134d08**	AV619225	LC005d05			8.7	7.4	9.2	0.9	0.3	0.9	0.4
8248	**149c04**	AV628432	LCL041g09			10.9	8.2	9.4	0.8	0.1	0.9	0.3
8249	**023e12**	AV625227	LC089e10			37.1	28.2	34.2	0.8	0.1	0.9	0.4
8250	**153g05**	AV630636	LCL081h05			8.4	7.5	8.8	1.0	0.3	0.9	0.2
8251	**167g04**	BP096180	MXL054b05			9.6	6.3	10.0	0.6	0.4	0.9	0.8
8252	**032d04**	BP093200	MXL004h08			13.8	10.7	13.3	0.8	0.1	0.9	0.4
8253	**130a04**	AV643180	HCL065b07			7.4	7.2	8.3	1.0	0.2	0.9	0.2
8254	**171c04**	BP097808	MXL081f06			10.7	8.4	10.1	0.8	0.1	0.9	0.3
8255	**113b11**	AV392842	CM064h01			10.4	9.5	11.6	0.9	0.2	0.9	0.4
8256	**033g03**	BP094826	MXL030e02			10.4	9.6	10.8	0.9	0.1	0.9	0.1
8257	**006d08**	AV389883	CM040d04			16.9	24.6	28.1	1.7	0.9	0.9	0.3
8258	**105h07**	AV396888	CL71g12			6.5	5.1	6.2	0.8	0.1	0.9	0.2
8259	**150b10**	AV628913	LCL048h07			12.5	10.3	12.0	0.9	0.2	0.9	0.2
8260	**153d04**	AV630466	LCL079c08			52.0	50.0	64.4	1.0	0.2	0.9	0.3
8261	**151d08**	AV629471	LCL059d05			15.7	12.3	14.0	0.8	0.1	0.9	0.2
8262	**153g08**	AV630659	LCL082c04			7.5	6.6	7.8	0.9	0.2	0.9	0.3
8263	**112c10**	AV391721	CM055g11			21.1	27.3	30.8	1.6	0.7	0.9	0.3
8264	**144b07**	AV626162	LCL003d05			33.2	31.3	35.5	0.9	0.2	0.9	0.0
8265	**145e11**	AV626754	LCL014h07			59.9	35.5	41.4	0.6	0.1	0.9	0.3
8266	**148d02**	AV627975	LCL034g02			14.4	10.7	12.1	0.8	0.3	0.9	0.1
8267	**128h03**	AV642572	HCL054a11			21.0	15.7	18.0	0.8	0.2	0.9	0.1
8268	**164d12**	BP094750	MXL028f12			9.8	12.0	14.1	1.2	0.1	0.9	0.3
8269	**105g05**	AV396950	CL68g04			7.8	7.6	8.9	1.0	0.1	0.9	0.3
8270	**154f03**	AV631045	LCL088a11			107.0	92.7	104.5	0.9	0.1	0.9	0.2
8271	**143e10**	AV625796	LC097h10			12.5	10.0	12.5	0.9	0.3	0.9	0.3
8272	**025g11**	AV627865	LCL033a12			16.7	14.8	18.4	0.9	0.0	0.9	0.3
8273	**129h10**	AV643135	HCL064d03			8.7	9.0	10.4	1.0	0.2	0.9	0.3
8274	**154g04**	AV631121	LCL089b11			6.1	5.5	6.4	0.9	0.0	0.9	0.2
8275	**008h10**	AV389877	CM080b06			3.0	3.7	4.4	1.3	0.3	0.9	0.4
8276	**127d06**	AV641785	HCL040b08			7.3	5.9	6.7	0.8	0.1	0.9	0.1
8277	**165f10**	BP095311	MXL039g05			8.9	7.9	9.3	0.9	0.1	0.9	0.2
8278	**117g11**	AV633180	HC017g02			19.4	11.0	12.7	0.6	0.2	0.9	0.2
8279	**149g01**	AV628615	LCL044e10			23.5	22.1	25.2	0.9	0.1	0.9	0.1
8280	**162g11**	BP093935	MXL015h04			7.5	7.2	8.2	0.9	0.4	0.9	0.4
8281	**167h02**	BP096223	MXL054h02			315.0	268.7	292.9	0.9	0.5	0.9	0.3
8282	**162e01**	BP093739	MXL012h03			12.6	15.1	17.1	1.2	0.1	0.9	0.1
8283	**021d11**	AV622376	LC048h02			19.9	67.9	79.5	3.4	0.6	0.9	0.1
8284	**016f02**	AV642353	HCL050c10			1.5	2.3	3.0	1.8	0.8	0.9	0.4
8285	**121b08**	AV636902	HC065h01			11.5	9.6	11.1	0.8	0.2	0.9	0.3
8286	**110e08**	AV389461	CM036h08			27.4	24.1	27.6	0.9	0.1	0.9	0.1
8287	**167d06**	BP096032	MXL051d10			28.0	14.9	17.5	0.5	0.1	0.9	0.5
8288	**124f09**	AV640223	HCL012e02			37.8	34.7	41.1	0.9	0.1	0.9	0.3
8289	**132c09**	AV644634	HCL091e08			46.5	43.2	51.7	1.0	0.3	0.9	0.3
8290	**130g02**	AV643656	HCL073e10			12.4	12.4	15.9	1.0	0.0	0.9	0.4
8291	**128b05**	AV642193	HCL047b12			7.4	6.7	7.6	0.9	0.3	0.9	0.1
8292	**132c10**	AV644638	HCL091e12			10.2	8.9	10.0	0.9	0.1	0.9	0.1
8293	**017b09**	AV642955	HCL061b09			5.7	4.7	5.9	0.8	0.2	0.9	0.4
8294	**130e10**	AV643559	HCL071f11			18.8	17.2	19.3	0.9	0.1	0.9	0.2
8295	**168d01**	BP096434	MXL058f08			21.7	25.2	33.2	1.2	0.1	0.9	0.4
8296	**154e02**	AV630977	LCL087b05			12.9	8.3	9.6	0.7	0.1	0.9	0.1
8297	**133a08**	AV644939	HCL095g04			7.9	6.5	7.5	0.8	0.0	0.9	0.1
8298	**110d07**	AV389256	CM035g08			5.0	4.4	5.1	0.9	0.1	0.9	0.2
8299	**014g07**	AV640439	HCL016c10			3.0	4.0	4.7	1.3	0.2	0.9	0.3
8300	**169e05**	BP097007	MXL068f03			10.9	11.4	13.7	1.0	0.1	0.9	0.4
8301	**152c08**	AV629880	LCL068b10			7.0	5.7	6.6	0.8	0.0	0.9	0.1
8302	**146f10**	AV627185	LCL022d02			23.3	22.4	26.0	1.0	0.1	0.9	0.2
8303	**128a04**	AV642123	HCL045h12			13.0	12.4	14.5	1.0	0.2	0.9	0.3
8304	**014f02**	AV640171	HCL011e12			35.1	33.4	40.2	1.0	0.2	0.9	0.2
8305	**132d03**	AV644667	HCL091h09			6.3	4.8	5.4	0.8	0.1	0.9	0.2
8306	**027c10**	AV629107	LCL052b07			6.1	4.3	5.7	0.8	0.3	0.9	0.5
8307	**002c11**	AV395137	CL36f04			5.4	4.3	5.5	0.9	0.4	0.9	0.4
8308	**111h11**	AV391300	CM053c01			86.3	74.8	85.7	0.9	0.1	0.9	0.1
8309	**154d04**	AV630944	LCL086f10			12.0	11.7	14.5	1.1	0.2	0.9	0.4
8310	**021g05**	AV622869	LC055g09			6.8	5.4	6.3	0.8	0.1	0.9	0.3
8311	**119g09**	AV635411	HC046a09			6.8	4.4	5.4	0.6	0.1	0.9	0.2
8312	**033a05**	BP093881	MXL015b01			70.5	36.6	46.0	0.6	0.2	0.9	0.3
8313	**144f04**	AV626307	LCL006e11			50.4	30.1	36.4	0.6	0.2	0.9	0.3
8314	**138f04**	AV622438	LC049g03			7.5	5.7	6.6	0.8	0.1	0.9	0.2
8315	**017b10**	AV642969	HCL061d08			7.1	6.4	8.0	0.9	0.3	0.9	0.4
8316	**126e04**	AV641289	HCL031b02			11.4	11.2	12.7	1.0	0.2	0.9	0.1
8317	**140g05**	AV624066	LC072e01			4.4	3.9	4.5	0.9	0.1	0.9	0.1
8318	**103d03**	AV395081	CL35g09			4.8	4.8	6.0	1.0	0.1	0.9	0.3
8319	**016b06**	AV627241	LCL023e03			9.4	7.4	8.7	0.8	0.1	0.9	0.2
8320	**103d02**	AV395094	CL35e08			10.6	8.7	9.9	0.8	0.2	0.9	0.2
8321	**162g04**	BP093904	MXL015d05			7.8	5.7	7.9	0.7	0.2	0.9	0.5
8322	**112d04**	AV391780	CM056c12			35.2	24.2	27.3	0.7	0.0	0.9	0.1
8323	**103f03**	AV395214	CL39d11			7.8	6.5	7.6	0.9	0.2	0.9	0.2
8324	**155d05**	AV631404	LCL093c10			120.4	159.0	181.7	1.3	0.1	0.9	0.2
8325	**129g01**	AV642999	HCL061h09			22.2	18.6	21.8	0.8	0.1	0.9	0.2
8326	**006g06**	AV390439	CM046c04			6.7	6.3	7.3	1.0	0.2	0.9	0.1
8327	**162h05**	BP093986	MXL016f01			22.9	19.3	37.3	0.8	0.2	0.9	0.8
8328	**138f07**	AV622459	LC050a07			13.9	11.7	13.0	0.8	0.1	0.9	0.3
8329	**008h11**	AV389861	CM080c01			21.6	12.8	14.6	0.6	0.1	0.9	0.1
8330	**163g08**	BP094499	MXL024a12			13.0	12.0	18.2	1.0	0.8	0.9	0.8
8331	**004c11**	AV387210	CM006e09			14.2	20.3	23.0	1.4	0.4	0.9	0.1
8332	**137e04**	AV621661	LC039c05			18.2	15.1	17.1	0.8	0.0	0.9	0.1
8333	**146h01**	AV627258	LCL023h04			14.7	14.5	17.7	1.0	0.4	0.9	0.5
8334	**146d10**	AV627097	LCL021a11			11.3	9.4	10.8	0.9	0.3	0.9	0.2
8335	**153b02**	AV630318	LCL077b11			35.1	30.5	35.2	0.9	0.2	0.9	0.1
8336	**157e11**	BP087036	MX023e03			8.8	5.3	5.8	0.6	0.2	0.9	0.2
8337	**107g08**	AV387153	CM012f09			3.7	3.5	4.0	1.0	0.1	0.9	0.1
8338	**138d08**	AV622251	LC047b08			8.6	10.0	12.1	1.3	0.4	0.9	0.3
8339	**003d11**	AV396637	CL64d03			2.5	3.0	3.5	1.3	0.3	0.9	0.3
8340	**020f04**	AV621249	LC033d07			50.9	44.1	50.3	1.1	0.6	0.9	0.1
8341	**132a01**	AV644390	HCL087f10			35.2	35.5	40.4	1.0	0.2	0.9	0.1
8342	**131e10**	AV644180	HCL083d07			49.4	40.5	46.1	0.8	0.0	0.9	0.0
8343	**145d12**	AV626711	LCL014b02			5.9	6.4	7.5	1.1	0.3	0.9	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
8344	**004g12**	AV387398	CM014d05			4.8	7.6	8.6	1.6	0.4	0.9	0.1
8345	**154a11**	AV630784	LCL084c07			12.1	10.0	11.3	0.8	0.1	0.9	0.1
8346	**152g03**	AV630095	LCL073a08			26.9	21.3	24.1	0.8	0.1	0.9	0.1
8347	**144a07**	AV626088	LCL002c01			31.8	26.9	33.2	0.8	0.0	0.9	0.2
8348	**015d08**	AV641093	HCL027f09			1.0	1.2	1.4	1.4	0.7	0.9	0.3
8349	**111f02**	AV390920	CM048h04			29.1	21.1	24.5	0.7	0.1	0.9	0.3
8350	**112g09**	AV392311	CM060g06			7.5	5.5	6.5	0.7	0.1	0.9	0.3
8351	**124b08**	AV640023	HCL009a04			6.6	6.1	7.1	0.9	0.1	0.9	0.2
8352	**151e09**	AV629568	LCL061b09			4.9	4.6	5.3	0.9	0.1	0.9	0.1
8353	**033f09**	BP094729	MXL028c10			16.6	18.0	20.8	1.1	0.2	0.9	0.1
8354	**007c03**	AV391350	CM053d05			49.3	61.8	70.4	1.3	0.0	0.9	0.1
8355	**145f02**	AV626764	LCL015a09			24.5	19.5	22.2	0.8	0.1	0.9	0.0
8356	**163g10**	BP094511	MXL024c02			4.5	4.3	5.4	0.9	0.4	0.9	0.6
8357	**002a09**	AV394633	CL29h08			9.3	9.8	11.9	1.1	0.3	0.9	0.3
8358	**141g06**	AV624723	LC081g01			10.4	7.8	9.0	0.8	0.1	0.9	0.1
8359	**029f06**	AV630962	LCL086h08			32.6	26.4	30.8	0.8	0.1	0.9	0.2
8360	**129e02**	BP098750	MXL098e04			11.8	11.2	13.0	1.0	0.1	0.9	0.1
8361	**034d06**	BP095701	MXL046a08			11.6	9.5	11.0	0.8	0.2	0.9	0.4
8362	**014f11**	AV640321	HCL014c06			5.1	4.8	5.8	1.0	0.4	0.9	0.4
8363	**029e09**	AV630926	LCL086d09			43.1	34.9	42.9	0.8	0.1	0.9	0.3
8364	**130b05**	AV643260	HCL066e03			7.8	7.0	8.1	0.9	0.1	0.9	0.1
8365	**124e02**	AV640156	HCL011d02			17.7	17.6	20.1	1.0	0.1	0.9	0.0
8366	**004g10**	AV387063	CM013h03			80.6	79.5	90.3	1.0	0.1	0.9	0.2
8367	**029h10**	AV631224	LCL090e06			9.4	13.0	15.6	1.5	0.4	0.9	0.2
8368	**033a09**	BP093946	MXL016b01			20.1	17.4	20.1	0.9	0.1	0.9	0.2
8369	**136f07**	AV620801	LC027a08			11.5	10.0	11.5	0.9	0.1	0.9	0.1
8370	**115a02**	AV390286	CM082g05			25.4	34.8	39.8	1.5	0.4	0.9	0.1
8371	**004b11**	AV386647	CM004c07			19.4	24.9	33.4	1.5	0.8	0.9	0.5
8372	**141e02**	AV624517	LC078g10			38.2	10.8	13.0	0.3	0.2	0.9	0.3
8373	**150b05**	AV628872	LCL048c07			27.5	22.2	25.4	0.8	0.1	0.9	0.1
8374	**036c10**	BP098063	MXL086d01			8.5	7.1	8.1	0.8	0.1	0.9	0.2
8375	**117g03**	AV633067	HC016c12			116.1	118.4	144.9	1.0	0.1	0.9	0.3
8376	**028d06**	AV629931	LCL069d01			25.8	17.9	21.7	0.7	0.2	0.9	0.2
8377	**012d08**	AV636840	HC064h09			2.9	3.2	3.9	1.1	0.1	0.9	0.4
8378	**159g07**	BP088091	MX051c07			6.6	7.3	9.9	1.1	0.7	0.9	0.6
8379	**114b06**	AV389055	CM073g12			52.8	33.8	40.0	0.6	0.1	0.9	0.4
8380	**151a07**	AV629301	LCL056b10			30.3	26.4	31.2	0.9	0.1	0.9	0.1
8381	**147f01**	AV627608	LCL029d07			16.2	13.0	15.1	0.8	0.0	0.9	0.1
8382	**102g11**	AV394815	CL28b04			15.7	12.7	14.0	0.8	0.4	0.9	0.3
8383	**103a01**	AV394759	CL30a12			4.3	5.6	6.6	1.3	0.0	0.9	0.1
8384	**007f07**	AV392120	CM058d07			4.6	4.5	5.1	1.0	0.2	0.9	0.2
8385	**154c06**	AV630877	LCL085f01			8.3	6.9	7.9	0.9	0.3	0.9	0.0
8386	**136e08**	AV620745	LC026c08			9.3	7.6	8.8	0.8	0.0	0.9	0.0
8387	**026h01**	AV628572	LCL043h09			7.1	7.7	9.1	1.1	0.2	0.9	0.3
8388	**110f10**	AV389685	CM039a07			6.0	5.0	5.8	0.8	0.0	0.9	0.1
8389	**165g01**	BP095322	MXL039h09			6.5	4.5	6.0	0.7	0.4	0.9	0.6
8390	**144h11**	AV626447	LCL009c03			19.8	19.1	21.8	1.0	0.0	0.9	0.2
8391	**031c12**	BP086784	MX016g04			22.2	19.8	23.1	0.9	0.1	0.9	0.2
8392	**127d01**	AV641761	HCL039h04			4.3	3.9	4.6	0.9	0.1	0.9	0.2
8393	**127h11**	AV642079	HCL045b11			15.1	12.2	17.8	0.8	0.1	0.9	0.5
8394	**111a12**	AV390183	CM043b06			23.0	19.0	21.4	1.0	0.7	0.9	0.3
8395	**152e11**	AV630028	LCL071e01			17.0	19.9	25.3	1.2	0.1	0.9	0.4
8396	**132f01**	AV644743	HCL093b11			21.5	18.1	22.1	0.8	0.1	0.9	0.3
8397	**020h12**	AV621756	LC040e08			4.7	7.2	8.5	1.6	0.5	0.9	0.2
8398	**160e06**	BP088705	MX066h10			6.6	7.5	8.7	1.1	0.1	0.9	0.1
8399	**154d06**	AV630950	LCL086g07			8.0	7.9	9.5	1.0	0.2	0.9	0.1
8400	**003e06**	AV396728	CL66c06			127.9	141.7	163.8	1.1	0.1	0.9	0.1
8401	**134e08**	AV619364	LC007c08			9.5	7.4	8.8	0.8	0.1	0.9	0.2
8402	**032f06**	BP093504	MXL009c10			10.0	8.9	10.5	0.9	0.2	0.9	0.2
8403	**102f02**	AV394411	CL24h01			6.9	5.7	6.6	0.8	0.1	0.9	0.1
8404	**111g12**	AV391167	CM051d05			17.4	14.2	16.5	0.8	0.1	0.9	0.2
8405	**171f11**	BP098039	MXL085g06			20.3	16.7	19.6	0.8	0.3	0.9	0.4
8406	**123c05**	AV639418	HC099a12			20.5	19.8	22.8	1.0	0.1	0.9	0.1
8407	**171f02**	BP097996	MXL085a02			17.4	15.8	21.9	0.9	0.5	0.9	0.7
8408	**108a05**	AV387424	CM015f12			27.8	48.0	54.4	1.8	0.3	0.9	0.1
8409	**153g09**	AV630666	LCL082d04			13.0	16.0	17.0	1.1	0.5	0.9	0.4
8410	**036d09**	BP098242	MXL090a04			20.8	17.1	18.6	0.8	0.3	0.9	0.3
8411	**156e05**	BP086160	MX003a06			9.7	9.3	11.4	1.1	0.6	0.9	0.3
8412	**137f10**	AV621781	LC040h03			3.7	3.0	3.4	0.8	0.1	0.9	0.2
8413	**154e12**	AV631016	LCL087f08			5.6	5.0	5.9	0.9	0.2	0.9	0.2
8414	**144g02**	AV626330	LCL007b03			6.1	5.2	6.3	0.9	0.1	0.9	0.2
8415	**166d01**	BP095597	MXL044d03			15.5	12.5	14.4	0.8	0.2	0.9	0.2
8416	**164g06**	BP094902	MXL032a07			17.5	13.0	15.7	0.7	0.3	0.9	0.5
8417	**023b10**	AV624761	LC082c08			12.7	7.8	9.1	0.6	0.1	0.9	0.1
8418	**010b11**	AV632347	HC007a08			96.9	97.1	111.9	1.0	0.2	0.9	0.1
8419	**149b04**	AV628358	LCL040e10			33.8	25.6	31.7	0.8	0.1	0.9	0.3
8420	**014d10**	AV640047	HCL009d03			5.4	6.1	6.9	1.1	0.2	0.9	0.1
8421	**029f10**	AV631002	LCL087e02			5.7	5.5	6.5	1.0	0.2	0.9	0.3
8422	**011c10**	AV634666	HC036c03			25.8	27.6	31.9	1.1	0.2	0.9	0.1
8423	**118g01**	AV634102	HC029c10			10.3	7.9	9.0	0.7	0.2	0.9	0.3
8424	**036e02**	BP098272	MXL090f04			6.9	8.3	9.4	1.4	1.0	0.9	0.3
8425	**033c12**	BP094326	MXL021c08			26.3	22.5	29.3	0.9	0.1	0.9	0.4
8426	**135a08**	AV619658	LC011d09			9.1	8.6	9.8	0.9	0.1	0.9	0.1
8427	**149e08**	AV628529	LCL043c11			18.3	16.8	20.2	0.9	0.2	0.9	0.3
8428	**035h09**	BP097521	MXL077b12			2.4	2.7	3.3	1.2	0.2	0.9	0.3
8429	**008f04**	AV388813	CM072g06			10.8	7.9	9.3	0.7	0.2	0.9	0.1
8430	**102b01**	AV394065	CL18f09			5.9	9.6	11.2	1.8	0.6	0.9	0.2
8431	**026e11**	AV628435	LCL041g12			16.7	10.9	12.7	0.7	0.0	0.9	0.2
8432	**130b04**	AV643251	HCL066d05			15.0	13.9	16.3	0.9	0.1	0.9	0.2
8433	**171h12**	BP098167	MXL088f01			11.1	10.0	12.1	0.9	0.2	0.9	0.4
8434	**125f04**	AV640716	HCL021c01			7.0	7.0	8.2	1.0	0.2	0.9	0.1
8435	**139f05**	AV623247	LC061a06			4.5	4.7	6.1	1.1	0.2	0.9	0.3
8436	**146c04**	AV627040	LCL020b12			8.1	7.1	8.6	0.9	0.1	0.9	0.3
8437	**150h09**	AV629271	LCL055f10			22.8	27.5	32.3	1.2	0.2	0.9	0.1
8438	**103c09**	AV394935	CL34f07			8.1	7.0	8.2	0.9	0.2	0.9	0.2
8439	**123b04**	AV639293	HC097e04			6.6	4.8	5.6	0.7	0.0	0.9	0.1
8440	**129a11**	AV642657	HCL055e05			14.2	14.2	16.4	1.0	0.0	0.9	0.1
8441	**171f01**	BP097992	MXL084g12			7.2	4.9	6.2	0.6	0.3	0.9	0.6
8442	**127h03**	AV642035	HCL044c08			21.4	18.3	24.7	0.9	0.1	0.9	0.3
8443	**172c09**	BP098315	MXL091d06			25.4	23.5	27.4	0.9	0.1	0.9	0.1
8444	**164f02**	BP094819	MXL030c11			9.5	8.0	11.4	0.8	0.1	0.9	0.5
8445	**029b07**	AV630634	LCL081h02			21.9	17.5	22.0	0.8	0.1	0.9	0.2
8446	**032d07**	BP093239	MXL005e03			11.1	7.7	9.1	0.7	0.1	0.9	0.2
8447	**024h11**	AV626924	LCL018b09			17.3	11.3	14.0	0.7	0.5	0.9	0.6
8448	**129h11**	AV643146	HCL064f06			13.4	9.9	12.0	0.8	0.1	0.9	0.3
8449	**130h08**	AV643745	HCL075c06			7.7	7.6	8.8	1.0	0.2	0.9	0.3
8450	**142h05**	AV625503	LC093g10			28.3	18.6	22.1	0.7	0.1	0.9	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
8451	**015d07**	AV641083	HCL027e01			2.2	2.2	2.7	1.0	0.4	0.9	0.4
8452	**147c01**	AV627430	LCL026f05			26.2	20.2	27.2	0.8	0.1	0.9	0.4
8453	**023g11**	AV626111	LCL002e06			7.7	7.1	8.3	1.0	0.3	0.9	0.2
8454	**162e11**	BP093822	MXL014c11			28.0	22.0	25.1	0.8	0.2	0.9	0.1
8455	**151e11**	AV629574	LCL061c05			16.6	17.8	23.0	1.1	0.1	0.9	0.3
8456	**024h04**	AV626878	LCL017b09			51.7	46.7	54.3	1.3	0.9	0.9	0.1
8457	**005a10**	AV387228	CM018e12			11.0	12.1	14.0	1.1	0.2	0.9	0.1
8458	**125d01**	AV640597	HCL018h06			11.7	10.9	12.7	0.9	0.1	0.9	0.2
8459	**014d11**	AV640404	HCL015f09			16.8	10.3	13.1	0.6	0.1	0.9	0.3
8460	**116d11**	AV393289	CM099e03			9.6	8.5	9.8	0.9	0.0	0.9	0.1
8461	**017g11**	AV643755	HCL075d09			19.7	14.9	20.8	0.8	0.2	0.9	0.5
8462	**170f12**	BP097562	MXL077g06			12.5	11.8	14.3	1.0	0.3	0.9	0.3
8463	**114d10**	AV387991	CM076g12			12.6	12.0	14.0	0.9	0.2	0.9	0.3
8464	**167d10**	BP096051	MXL051g03			5.2	5.0	6.0	1.1	0.5	0.9	0.3
8465	**166f10**	BP095732	MXL046e09			23.8	26.5	31.1	1.1	0.2	0.9	0.2
8466	**022h11**	AV624441	LC077g12			11.3	12.0	13.9	1.1	0.1	0.9	0.2
8467	**118g02**	BP383696	HC029d12			108.5	87.3	108.5	0.8	0.1	0.9	0.3
8468	**028e11**	AV630119	LCL073e05			15.1	13.6	16.1	1.0	0.4	0.9	0.2
8469	**143h02**	AV626014	LCL001b01			8.0	7.2	8.4	0.9	0.2	0.9	0.2
8470	**156f03**	BP086227	MX004e09			4.0	5.1	7.0	1.3	0.2	0.9	0.6
8471	**148a07**	AV627811	LCL032d05			17.4	18.2	21.1	1.1	0.2	0.9	0.1
8472	**106a03**	AV396985	CL73f03			5.6	7.0	10.4	1.8	1.0	0.9	0.7
8473	**103f10**	AV395363	CL40f04			15.4	15.0	17.5	1.0	0.1	0.9	0.2
8474	**149c02**	AV628415	LCL041d11			18.3	16.6	22.7	0.9	0.1	0.9	0.5
8475	**126b10**	AV641073	HCL027c07			16.1	14.7	17.1	0.9	0.1	0.9	0.1
8476	**162f12**	BP093887	MXL015b08			9.1	8.1	10.3	0.9	0.1	0.9	0.4
8477	**011b06**	AV634382	HC032f09			16.4	12.9	16.0	0.8	0.0	0.9	0.3
8478	**147h04**	AV627741	LCL031d04			115.7	98.3	114.6	0.9	0.0	0.9	0.1
8479	**170f08**	BP097536	MXL077d09			19.2	14.1	19.1	0.8	0.4	0.9	0.6
8480	**008e07**	AV388518	CM071d02			156.2	112.7	139.8	0.7	0.2	0.9	0.4
8481	**015b06**	AV640735	HCL021e07			22.4	19.2	22.4	1.0	0.4	0.9	0.1
8482	**143h03**	BP098800	MXL099d01			23.4	15.7	18.3	0.7	0.1	0.9	0.1
8483	**120e06**	AV636104	HC055b12			15.1	14.1	16.9	0.9	0.1	0.9	0.2
8484	**111d07**	AV390625	CM047c02			4.5	5.3	6.3	1.2	0.3	0.9	0.1
8485	**107b10**	AV386777	CM007f12			6.6	6.4	7.6	1.0	0.3	0.9	0.1
8486	**029c12**	AV630783	LCL084c06			11.0	10.0	11.6	0.9	0.1	0.9	0.1
8487	**120a06**	AV635658	HC049b11			6.8	4.7	5.5	0.7	0.1	0.9	0.2
8488	**145e09**	AV626733	LCL014f04			27.4	26.3	30.4	1.0	0.2	0.9	0.1
8489	**115e05**	AV391045	CM088g12			12.6	8.7	10.1	0.7	0.1	0.9	0.1
8490	**131b06**	AV643890	HCL077h06			23.1	18.4	21.5	0.8	0.1	0.9	0.1
8491	**156g05**	BP086330	MX006f12			14.1	9.3	13.0	0.7	0.3	0.9	0.5
8492	**130d11**	AV643471	HCL070c03			13.6	12.4	14.4	0.9	0.1	0.9	0.2
8493	**166e04**	BP095669	MXL045e08			5.6	6.1	7.3	1.2	0.6	0.9	0.3
8494	**117a09**	AV632131	HC004c12			8.4	7.0	9.1	0.9	0.3	0.9	0.5
8495	**117e03**	AV632771	HC012d06			9.3	7.3	8.6	0.8	0.1	0.9	0.1
8496	**155f01**	AV631480	LCL094g03			9.0	10.1	13.6	1.1	0.2	0.9	0.5
8497	**128c08**	AV642266	HCL048f09			7.5	6.8	8.0	0.9	0.1	0.9	0.2
8498	**139g08**	AV623381	LC062h10			23.6	22.6	26.2	1.1	0.3	0.9	0.1
8499	**010h10**	AV633808	HC025e07			34.9	35.2	43.1	1.0	0.0	0.9	0.2
8500	**007c09**	AV391413	CM054b04			6.1	7.6	8.9	1.2	0.1	0.9	0.2
8501	**002g08**	AV397764	CL49f02			12.2	10.8	13.1	0.9	0.1	0.9	0.3
8502	**144f05**	AV626309	LCL006f04			17.5	12.4	15.4	0.7	0.1	0.9	0.2
8503	**109a09**	BP383676	CM023e06			12.9	8.8	10.3	0.7	0.1	0.9	0.3
8504	**026a06**	AV628014	LCL035d02			3.6	3.2	3.7	0.9	0.2	0.9	0.1
8505	**141f02**	AV624606	LC080a12			11.5	10.7	13.2	0.9	0.2	0.9	0.3
8506	**136a12**	AV620458	LC022d10			5.8	5.6	6.7	1.0	0.2	0.9	0.2
8507	**131e01**	AV644150	HCL082h08			13.0	14.0	16.3	1.1	0.2	0.9	0.1
8508	**149f01**	AV628541	LCL043e04			18.0	14.5	17.1	0.8	0.2	0.9	0.2
8509	**129f05**	AV642980	HCL061e12			7.2	5.8	7.0	0.8	0.2	0.9	0.2
8510	**036a03**	BP097605	MXL078d06			11.7	6.8	8.9	0.6	0.1	0.9	0.5
8511	**150b04**	AV628854	LCL048a09			18.5	14.7	19.8	0.8	0.1	0.9	0.3
8512	**152e01**	AV629990	LCL070f03			4.8	3.2	3.7	0.7	0.1	0.9	0.1
8513	**009h10**	AV631922	HC001g03			14.8	11.1	12.8	0.8	0.2	0.9	0.1
8514	**162e12**	BP093823	MXL014c12			6.7	6.7	7.8	1.0	0.3	0.9	0.2
8515	**144e08**	AV626278	LCL005f10			12.8	12.4	14.9	1.0	0.1	0.9	0.2
8516	**017d06**	AV643205	HCL065f03			4.9	7.4	8.6	1.5	0.5	0.9	0.4
8517	**149f03**	AV628547	LCL043e12			8.4	7.5	8.8	0.9	0.2	0.9	0.1
8518	**129g10**	AV643028	HCL062e06			8.7	8.2	10.0	1.0	0.3	0.9	0.3
8519	**145b09**	AV626546	LCL011a02			9.0	7.7	9.1	0.9	0.2	0.9	0.1
8520	**154e08**	AV631006	LCL087e08			10.6	9.1	10.9	0.9	0.1	0.9	0.3
8521	**126e09**	AV641332	HCL031g08			7.6	5.9	7.1	0.8	0.0	0.9	0.2
8522	**105h10**	AV397023	CL72d03			5.5	4.9	5.7	0.9	0.2	0.9	0.1
8523	**135c04**	AV619820	LC014a09			8.9	8.1	9.6	0.9	0.1	0.9	0.1
8524	**113e01**	AV393146	CM067h10			127.5	136.3	173.8	1.1	0.2	0.9	0.4
8525	**153f03**	AV630561	LCL080g06			39.5	35.6	41.3	0.9	0.3	0.9	0.2
8526	**008f07**	AV388979	CM074b12			9.1	6.4	7.9	0.7	0.0	0.9	0.2
8527	**136d01**	AV620643	LC024g12			9.6	7.4	9.1	0.8	0.3	0.9	0.3
8528	**147h06**	AV627745	LCL031d08			8.7	15.1	17.5	1.8	0.6	0.9	0.1
8529	**122g06**	BP383721	HC091e06			255.7	173.0	236.6	0.7	0.2	0.9	0.5
8530	**028g04**	AV630243	LCL076a04			17.4	15.1	17.8	0.9	0.1	0.9	0.2
8531	**007g07**	AV392276	CM060d01			9.2	7.9	9.3	0.9	0.3	0.9	0.2
8532	**030d05**	AV631615	LCL097a07			8.5	6.7	7.8	0.8	0.1	0.9	0.1
8533	**164d06**	BP094741	MXL028e11			8.1	9.2	11.0	1.2	0.3	0.9	0.2
8534	**019h01**	AV620303	LC020c09			10.8	6.9	8.0	0.7	0.1	0.9	0.2
8535	**015f02**	AV641253	HCL030e08			1.2	1.2	1.5	1.0	0.3	0.9	0.2
8536	**001b03**	AV393368	CL04g12			7.4	10.5	12.3	1.5	0.4	0.9	0.1
8537	**135e10**	AV620043	LC016g10			24.8	20.5	24.0	0.8	0.1	0.9	0.1
8538	**015g07**	AV641417	HCL033c05			3.9	7.5	8.8	2.0	1.0	0.9	0.3
8539	**129a04**	AV642626	HCL055a03			18.3	17.5	21.5	1.0	0.2	0.9	0.2
8540	**024c11**	AV626488	LCL010a08			23.0	13.7	16.4	0.6	0.2	0.9	0.2
8541	**124e05**	AV640170	HCL011e11			13.9	11.3	13.3	0.8	0.1	0.9	0.1
8542	**160e09**	BP088734	MX067e05			70.7	65.2	77.8	0.9	0.1	0.9	0.2
8543	**122a06**	AV637788	HC077e04			12.0	9.3	10.9	0.8	0.1	0.9	0.1
8544	**165d08**	BP095199	MXL037h02			8.5	9.0	10.6	1.1	0.3	0.9	0.2
8545	**113a02**	AV392613	CM062g03			51.5	68.3	79.7	1.4	0.3	0.9	0.1
8546	**146a06**	AV626960	LCL018h03			11.6	8.0	9.6	0.7	0.1	0.9	0.1
8547	**172e07**	BP098422	MXL093a12			8.0	7.5	9.7	1.0	0.2	0.9	0.4
8548	**113f08**	AV387605	CM069d11			6.3	5.7	6.7	0.9	0.3	0.9	0.1
8549	**156d01**	AV631857	LCL100h06			37.1	27.8	32.6	1.1	0.8	0.9	0.2
8550	**124f12**	AV640228	HCL012e11			18.9	15.6	18.8	0.8	0.1	0.9	0.2
8551	**004h12**	AV387445	CM016h01			4.9	7.5	10.3	1.4	0.7	0.9	0.7
8552	**108g03**	AV387968	CM021e01			8.5	9.1	10.3	1.0	0.3	0.9	0.3
8553	**149g12**	AV628688	LCL045f05			17.8	15.2	18.0	0.9	0.1	0.9	0.1
8554	**016b03**	AV641700	HCL038h09			32.1	27.2	36.1	0.9	0.1	0.9	0.3
8555	**150g04**	AV629133	LCL052g08			34.3	29.1	35.6	0.9	0.2	0.9	0.2
8556	**155e11**	AV631469	LCL094e12			32.3	27.3	32.2	0.9	0.3	0.9	0.2
8557	**129c04**	AV642762	HCL057d08			8.5	7.8	9.1	0.9	0.1	0.9	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
8558	**152b01**	AV629800	LCL066d04			13.8	8.4	10.0	0.6	0.0	0.9	0.2
8559	**152h07**	AV630234	LCL075h01			3.0	1.9	2.5	0.6	0.2	0.9	0.5
8560	**104h04**	AV396141	CL54h08			15.4	11.7	14.0	0.7	0.2	0.9	0.1
8561	**026e09**	AV628397	LCL041b07			19.8	14.5	18.3	0.7	0.1	0.9	0.3
8562	**015g04**	AV641344	HCL032a03			35.6	34.7	45.1	1.0	0.2	0.9	0.2
8563	**121f06**	AV637356	HC072b03			16.5	13.3	16.4	0.8	0.1	0.9	0.3
8564	**149c11**	AV628456	LCL042b08			7.6	6.6	7.8	0.9	0.3	0.9	0.1
8565	**102g03**	AV394694	CL27a11			11.7	9.7	11.7	0.9	0.2	0.9	0.2
8566	**129d03**	AV642812	HCL058e07			13.3	14.4	17.2	1.1	0.5	0.9	0.3
8567	**168h12**	BP096762	MXL064e02			6.5	7.1	9.2	1.0	0.2	0.9	0.6
8568	**008g11**	AV389678	CM076g01			13.8	16.3	19.8	1.2	0.2	0.9	0.2
8569	**157d10**	BP086893	MX019f10			25.4	10.8	12.7	0.4	0.1	0.9	0.4
8570	**001e06**	AV393981	CL15b05			9.1	9.4	11.2	1.0	0.1	0.9	0.1
8571	**139e11**	AV623205	LC060d04			42.0	25.3	32.3	0.6	0.1	0.9	0.3
8572	**005b11**	AV397498	CM020g05			7.8	5.8	7.1	0.9	0.5	0.9	0.3
8573	**164d04**	BP094737	MXL028e03			23.6	21.9	25.8	0.9	0.1	0.9	0.1
8574	**166f01**	BP095715	MXL046c11			35.7	26.4	33.2	0.8	0.4	0.9	0.3
8575	**025f05**	AV627622	LCL029f05			17.0	15.4	18.8	0.9	0.1	0.9	0.2
8576	**105g08**	BP098624	MXL096d12			6.9	5.6	6.6	0.8	0.2	0.9	0.4
8577	**138a11**	AV622078	LC044g04			49.0	34.2	45.2	0.7	0.0	0.9	0.3
8578	**027e11**	AV629270	LCL055f08			5.9	5.8	6.9	1.0	0.2	0.9	0.1
8579	**161g01**	BP093281	MXL006b01			41.5	33.9	40.0	0.8	0.0	0.9	0.1
8580	**003c06**	AV396213	CL58e05			10.6	10.0	14.8	1.0	0.3	0.9	0.4
8581	**153a07**	AV630291	LCL076g07			38.9	34.0	40.6	0.9	0.1	0.9	0.1
8582	**111f03**	AV390930	CM048h05			5.7	5.6	7.0	1.0	0.2	0.9	0.2
8583	**016b09**	AV641793	HCL040d02			9.6	8.5	10.5	0.9	0.4	0.9	0.4
8584	**170f03**	BP097495	MXL076g01			8.1	7.7	9.1	0.9	0.3	0.9	0.4
8585	**001b09**	AV393626	CL06b06			10.2	11.3	13.4	1.4	0.9	0.9	0.2
8586	**016f10**	AV642446	HCL051h05			12.1	10.0	12.8	0.8	0.5	0.9	0.6
8587	**144b11**	AV626171	LCL003e11			24.0	23.7	29.1	1.0	0.1	0.9	0.2
8588	**137d11**	AV621588	LC038b05			15.1	16.9	20.6	1.1	0.2	0.9	0.1
8589	**106f05**	AV397862	CM002c09			18.5	12.1	14.2	0.7	0.2	0.9	0.2
8590	**004e10**	AV387004	CM010c09			6.4	5.6	6.8	0.9	0.2	0.9	0.2
8591	**141c01**	AV624353	LC076e12			14.3	7.9	10.2	0.6	0.1	0.9	0.4
8592	**161h01**	BP093353	MXL007c07			8.1	7.5	12.2	0.9	0.3	0.9	0.7
8593	**026b09**	AV628146	LCL037d09			23.0	17.4	26.5	0.8	0.3	0.9	0.5
8594	**029a03**	AV630467	LCL079c10			20.1	15.0	21.9	0.8	0.1	0.9	0.5
8595	**170f01**	BP097483	MXL076e01			9.1	6.8	13.6	0.7	0.4	0.9	0.8
8596	**032b10**	BP093037	MXL002e02			14.1	9.7	11.6	0.7	0.1	0.8	0.2
8597	**147c11**	AV627487	LCL027e04			16.0	14.7	17.5	0.9	0.1	0.8	0.2
8598	**016g03**	AV642497	HCL052h01			9.7	11.7	15.7	1.3	0.3	0.8	0.4
8599	**024e09**	AV626643	LCL012h02			11.9	10.2	12.1	0.9	0.1	0.8	0.1
8600	**108e10**	AV397470	CM020e06			10.7	9.0	10.8	0.9	0.2	0.8	0.1
8601	**126d08**	AV641261	HCL030f12			8.8	6.3	7.8	0.7	0.1	0.8	0.2
8602	**161d11**	BP093161	MXL004d04			12.8	10.5	13.0	0.9	0.3	0.8	0.3
8603	**125g02**	AV640770	HCL022b04			14.8	15.6	18.5	1.1	0.2	0.8	0.1
8604	**151g12**	AV629698	LCL064a04			7.7	22.2	25.4	3.1	1.9	0.8	0.4
8605	**101c01**	AV393425	CL03d04			18.4	22.7	27.6	1.2	0.4	0.8	0.4
8606	**121e07**	AV637255	HC070g02			7.2	5.5	6.6	0.8	0.3	0.8	0.2
8607	**167h10**	BP096248	MXL055c10			6.4	6.2	8.7	0.9	0.5	0.8	0.8
8608	**124g03**	AV640243	HCL012h11			30.4	27.2	34.9	0.9	0.1	0.8	0.3
8609	**018a04**	AV644086	HCL081e10			25.8	24.3	31.3	0.9	0.2	0.8	0.2
8610	**015c04**	AV640861	HCL023f09			11.7	8.1	9.8	0.8	0.4	0.8	0.3
8611	**145h01**	AV626877	LCL017b07			10.9	8.3	9.8	0.8	0.1	0.8	0.1
8612	**130e12**	AV643574	HCL072b02			16.5	13.7	21.2	0.8	0.0	0.8	0.5
8613	**172e05**	BP098407	MXL092h07			24.0	25.6	30.0	1.0	0.3	0.8	0.2
8614	**125d10**	AV640624	HCL019d07			18.9	14.5	17.3	0.8	0.2	0.8	0.2
8615	**150h04**	AV629196	LCL054a09			43.3	36.6	47.8	0.8	0.1	0.8	0.4
8616	**131a10**	AV643845	HCL077a12			18.0	14.8	17.7	0.8	0.1	0.8	0.1
8617	**127e06**	AV641861	HCL041e04			12.1	9.7	11.7	0.8	0.1	0.8	0.1
8618	**167d12**	BP096059	MXL051h03			5.9	5.9	6.9	1.0	0.2	0.8	0.2
8619	**128g03**	AV642493	HCL052g07			22.0	19.2	25.3	0.9	0.1	0.8	0.3
8620	**125f06**	AV640736	HCL021e08			5.5	4.7	5.8	0.9	0.1	0.8	0.3
8621	**166f06**	BP095728	MXL046e01			9.4	6.7	8.1	0.7	0.0	0.8	0.2
8622	**131f06**	AV644234	HCL084e01			8.5	8.0	9.9	0.9	0.1	0.8	0.3
8623	**134h06**	AV619583	LC010d02			13.6	12.7	16.9	1.0	0.3	0.8	0.3
8624	**113h10**	AV388677	CM071h08			11.1	8.3	9.9	0.8	0.1	0.8	0.1
8625	**120g08**	AV636406	HC059a11			4.2	4.6	5.6	1.1	0.1	0.8	0.3
8626	**156h08**	BP086420	MX008e03			152.7	140.7	166.5	1.0	0.5	0.8	0.3
8627	**144a03**	AV626070	LCL001h11			35.1	24.8	32.3	0.7	0.1	0.8	0.3
8628	**149h03**	AV628700	LCL045h01			12.2	11.1	13.2	0.9	0.1	0.8	0.1
8629	**170d01**	BP097371	MXL074e12			9.4	5.9	7.2	0.6	0.0	0.8	0.3
8630	**140c11**	AV623767	LC068d04			29.3	36.5	43.1	1.3	0.4	0.8	0.0
8631	**154h08**	AV631192	LCL090a10			37.0	31.2	41.4	0.9	0.3	0.8	0.4
8632	**017g08**	AV643671	HCL073h09			4.5	3.8	4.5	0.9	0.2	0.8	0.1
8633	**165f05**	BP095281	MXL039c10			8.0	6.5	8.3	0.8	0.3	0.8	0.3
8634	**168e11**	BP096588	MXL061c03			12.3	12.2	14.5	1.0	0.1	0.8	0.3
8635	**168h11**	BP096759	MXL064d10			4.4	4.1	7.6	0.9	0.4	0.8	0.9
8636	**011h07**	AV635695	HC049f06			18.5	16.2	19.6	0.9	0.1	0.8	0.1
8637	**033h11**	BP095117	MXL036b03			16.8	14.2	17.0	0.9	0.1	0.8	0.2
8638	**129c05**	AV642773	HCL057f07			13.9	14.2	17.1	1.0	0.1	0.8	0.1
8639	**153d01**	AV630456	LCL079b03			5.4	3.6	4.2	0.7	0.2	0.8	0.1
8640	**156h01**	BP086361	MX007c07			22.2	13.3	15.7	0.6	0.2	0.8	0.3
8641	**012e06**	AV637006	HC067c10			129.8	74.3	89.9	0.6	0.1	0.8	0.1
8642	**012f09**	AV637243	HC070f01			5.4	6.0	7.1	1.1	0.3	0.8	0.1
8643	**014f01**	AV640154	HCL011c12			26.4	29.3	39.0	1.1	0.3	0.8	0.3
8644	**104e10**	AV395935	CL51d08			5.5	3.8	4.6	0.7	0.2	0.8	0.1
8645	**149f10**	AV628604	LCL044d09			8.5	7.3	9.1	0.9	0.2	0.8	0.3
8646	**002e06**	AV395477	CL42b07			9.1	11.8	16.2	1.3	0.2	0.8	0.4
8647	**132g06**	AV644821	HCL094c04			14.3	13.3	16.7	0.9	0.2	0.8	0.2
8648	**170g03**	BP097568	MXL077h05			28.4	26.3	30.4	0.9	0.2	0.8	0.4
8649	**158f11**	BP087686	MX041d06			118.9	97.2	119.2	0.8	0.1	0.8	0.3
8650	**126g01**	AV641438	HCL033f03			12.5	11.5	13.8	1.0	0.1	0.8	0.2
8651	**149c03**	AV628417	LCL041e01			8.5	6.8	8.0	0.8	0.2	0.8	0.1
8652	**170h02**	BP097618	MXL078e10			18.9	16.6	21.1	0.8	0.7	0.8	0.7
8653	**110e05**	AV389380	CM036d03			7.2	5.4	6.4	0.8	0.2	0.8	0.1
8654	**146c08**	AV627052	LCL020d01			7.7	7.5	9.5	1.0	0.4	0.8	0.2
8655	**002e08**	AV395457	CL42e01			9.0	7.2	8.9	0.8	0.2	0.8	0.2
8656	**104d10**	AV395762	CL50c10			3.3	3.1	3.8	0.9	0.1	0.8	0.3
8657	**026e10**	AV628404	LCL041c07			14.4	11.7	14.1	0.8	0.1	0.8	0.2
8658	**106a12**	AV397075	CL75a08			5.6	6.8	8.1	1.3	0.3	0.8	0.2
8659	**006e08**	AV390053	CM042a01			7.2	9.3	11.0	1.3	0.4	0.8	0.1
8660	**030d06**	AV631628	LCL097c02			9.0	6.0	7.1	0.7	0.1	0.8	0.1
8661	**146c10**	AV627065	LCL020e09			60.0	33.5	44.2	0.5	0.1	0.8	0.5
8662	**034g09**	BP096243	MXL055c02			14.0	7.9	9.6	0.6	0.1	0.8	0.2
8663	**002g06**	AV397736	CL49c08			8.6	7.5	8.9	0.9	0.1	0.8	0.3
8664	**136a03**	AV620387	LC021e04			17.4	15.1	18.1	0.9	0.2	0.8	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
8665	**023f04**	AV625275	LC090c06			13.8	10.4	12.5	0.8	0.1	0.8	0.1
8666	**125e09**	AV640684	HCL020e05			11.8	8.5	11.9	0.7	0.1	0.8	0.5
8667	**137h10**	AV621974	LC043d06			5.7	4.0	4.8	0.7	0.2	0.8	0.1
8668	**123a04**	AV639101	HC095a05			26.4	24.1	28.8	0.9	0.1	0.8	0.1
8669	**107f01**	BP383673	CM011a02			63.0	39.0	48.9	0.6	0.4	0.8	0.6
8670	**144f12**	AV626327	LCL007a07			34.6	26.1	31.1	0.8	0.1	0.8	0.2
8671	**024c05**	AV626458	LCL009d10			10.3	7.4	8.9	0.7	0.1	0.8	0.2
8672	**023b07**	AV624728	LC081g08			136.5	67.5	80.7	0.5	0.0	0.8	0.3
8673	**144f01**	AV626304	LCL006d10			20.8	15.2	18.1	0.8	0.1	0.8	0.1
8674	**018f11**	AV619043	LC003a05			4.0	4.2	5.1	1.1	0.2	0.8	0.5
8675	**159f05**	BP087955	MX047h06			12.4	13.9	17.4	1.3	0.6	0.8	0.2
8676	**125h08**	AV640846	HCL023d01			25.3	25.4	34.8	1.0	0.1	0.8	0.4
8677	**169c09**	BP096913	MXL067a06			11.6	12.1	14.5	1.0	0.1	0.8	0.1
8678	**028f10**	AV630193	LCL075b05			1.5	2.0	2.4	1.3	0.3	0.8	0.4
8679	**161h11**	BP093391	MXL007g06			12.2	12.7	16.2	0.9	0.5	0.8	0.7
8680	**171c05**	BP097814	MXL081g05			15.1	21.9	25.6	1.6	0.9	0.8	0.1
8681	**146e08**	AV627141	LCL021g06			23.8	20.7	25.1	0.9	0.1	0.8	0.1
8682	**127f01**	AV641910	HCL042c08			19.8	18.0	22.3	0.9	0.0	0.8	0.2
8683	**151h04**	AV629713	LCL064c08			9.8	7.6	9.0	0.8	0.1	0.8	0.3
8684	**030f04**	AV631827	LCL100e02			2.3	1.7	2.0	0.7	0.3	0.8	0.4
8685	**152c10**	AV629901	LCL068f06			47.8	26.2	33.7	0.6	0.0	0.8	0.3
8686	**105f07**	AV396718	CL67b11			10.1	9.0	12.0	0.9	0.2	0.8	0.3
8687	**006g07**	AV390446	CM046d09			20.8	20.8	25.6	1.0	0.1	0.8	0.3
8688	**116b10**	AV393071	CM097c09			6.0	6.4	7.8	1.2	0.5	0.8	0.1
8689	**020e10**	AV621162	LC032b04			14.3	11.8	14.4	0.8	0.1	0.8	0.2
8690	**124h01**	AV640296	HCL013h02			14.0	10.9	13.3	0.8	0.3	0.8	0.1
8691	**002f02**	AV395536	CL43c05			6.6	6.7	8.2	1.1	0.3	0.8	0.2
8692	**147f07**	AV627639	LCL029h05			5.7	5.3	6.3	0.9	0.1	0.8	0.1
8693	**135a11**	AV619677	LC011f07			18.9	17.8	21.4	0.9	0.1	0.8	0.1
8694	**159d04**	BP087776	MX043d05			36.0	28.5	38.5	0.8	0.1	0.8	0.5
8695	**030d04**	AV631588	LCL096e09			14.0	12.0	14.4	0.9	0.2	0.8	0.1
8696	**029d04**	AV630799	LCL084d12			6.6	3.6	4.2	0.5	0.1	0.8	0.2
8697	**147d10**	AV627542	LCL028c06			29.5	24.5	29.4	0.8	0.1	0.8	0.1
8698	**116e07**	AV393233	CM100a10			88.6	42.7	50.3	0.5	0.2	0.8	0.3
8699	**036c11**	BP098066	MXL086d06			7.8	6.4	8.1	0.8	0.2	0.8	0.4
8700	**131b09**	AV643925	HCL078e06			19.4	18.6	23.4	1.0	0.1	0.8	0.3
8701	**034h10**	BP096432	MXL058f06			21.2	19.8	31.4	0.9	0.1	0.8	0.5
8702	**117a11**	AV632143	HC004e03			23.3	19.4	23.1	0.8	0.1	0.8	0.1
8703	**167e02**	BP096077	MXL052c03			9.5	8.8	10.6	1.0	0.2	0.8	0.5
8704	**126c01**	AV641092	HCL027f08			14.8	10.0	12.0	0.8	0.3	0.8	0.1
8705	**001g02**	AV394327	CL20g10			6.5	6.4	8.1	1.0	0.3	0.8	0.2
8706	**116g05**	AV631878	HC001b10			7.3	6.7	8.1	0.9	0.2	0.8	0.1
8707	**163d11**	BP094273	MXL020d07			11.7	9.4	12.0	0.8	0.2	0.8	0.3
8708	**016f11**	AV642451	HCL052a08			26.3	19.1	26.6	0.8	0.2	0.8	0.3
8709	**104e12**	AV395930	CL51e04			2.0	1.5	1.8	0.7	0.1	0.8	0.1
8710	**148c11**	AV627957	LCL034e01			26.9	27.5	37.7	1.0	0.0	0.8	0.3
8711	**138f03**	BP383799	LC049c08			296.9	116.8	158.0	0.4	0.2	0.8	0.6
8712	**033b08**	BP094155	MXL018h04			14.8	9.1	10.9	0.7	0.2	0.8	0.0
8713	**018c10**	AV644417	HCL088b06			1.9	1.1	1.2	0.6	0.3	0.8	0.4
8714	**155f07**	AV631527	LCL095f09			11.3	12.0	14.5	1.1	0.4	0.8	0.1
8715	**010g12**	AV633587	HC022f05			21.8	16.6	19.9	0.8	0.1	0.8	0.1
8716	**015a07**	AV640701	HCL020h11			24.0	23.0	28.9	1.1	0.6	0.8	0.3
8717	**157h12**	BP087324	MX031h04			5.9	6.8	9.3	1.1	0.5	0.8	0.6
8718	**149e10**	AV628534	LCL043d08			14.9	14.0	16.8	1.0	0.3	0.8	0.1
8719	**113f04**	AV397564	CM069a12			17.1	12.0	14.5	0.7	0.1	0.8	0.1
8720	**124h09**	AV640349	HCL014g01			18.4	14.4	17.5	0.8	0.0	0.8	0.2
8721	**028h03**	AV630331	LCL077d07			36.7	33.3	42.0	1.0	0.2	0.8	0.2
8722	**118c01**	AV633605	HC022h03			4.1	5.7	7.7	1.4	0.3	0.8	0.3
8723	**006f12**	AV390342	CM045c06			12.0	10.5	12.8	0.9	0.4	0.8	0.4
8724	**146b07**	AV627015	LCL019g11			20.3	18.4	23.6	0.9	0.2	0.8	0.3
8725	**166g01**	BP095737	MXL046f02			12.7	9.9	12.3	0.8	0.5	0.8	0.5
8726	**034e06**	BP095901	MXL049a07			11.6	8.6	10.2	0.7	0.1	0.8	0.2
8727	**014b11**	AV639814	HCL005d08			15.9	13.4	20.1	0.9	0.2	0.8	0.4
8728	**026h07**	AV628652	LCL045b04			8.9	7.9	11.0	0.9	0.2	0.8	0.4
8729	**161g02**	BP093299	MXL006d07			24.6	20.8	25.3	0.9	0.3	0.8	0.3
8730	**151h11**	AV629731	LCL064h08			16.9	16.6	21.3	1.0	0.1	0.8	0.3
8731	**118c05**	AV633645	HC023d09			60.5	33.0	43.8	0.5	0.1	0.8	0.5
8732	**150g11**	AV629175	LCL053f12			10.6	12.0	14.5	1.1	0.2	0.8	0.2
8733	**155c08**	AV631371	LCL092g11			31.0	29.8	36.5	1.0	0.2	0.8	0.1
8734	**152f12**	AV630083	LCL072g03			23.5	13.2	15.9	0.6	0.1	0.8	0.2
8735	**104e02**	AV395778	CL50e12			10.5	10.3	12.4	1.0	0.1	0.8	0.1
8736	**106b02**	AV397071	CL75b06			41.9	47.0	58.0	1.3	0.7	0.8	0.3
8737	**150h02**	AV629188	LCL053h05			7.0	5.7	6.9	0.8	0.1	0.8	0.1
8738	**127g02**	AV641971	HCL043c04			30.9	27.8	39.2	0.9	0.1	0.8	0.4
8739	**003f02**	AV396787	CL69a06			13.5	16.7	19.4	1.3	0.2	0.8	0.2
8740	**150d11**	AV629003	LCL050b11			10.2	9.8	12.2	1.0	0.2	0.8	0.2
8741	**144g05**	AV626365	LCL007h07			18.6	13.6	16.6	0.8	0.2	0.8	0.1
8742	**028e08**	AV630099	LCL073b02			37.2	32.2	41.1	0.9	0.2	0.8	0.2
8743	**006b08**	AV389263	CM035h08			10.6	8.2	9.9	0.8	0.2	0.8	0.1
8744	**127g09**	AV642002	HCL043f12			8.3	8.4	11.1	1.0	0.1	0.8	0.3
8745	**121a07**	AV636647	HC062d01			17.5	10.6	12.9	0.6	0.1	0.8	0.2
8746	**108f06**	AV387930	CM021a09			36.2	13.2	16.5	0.4	0.1	0.8	0.2
8747	**122a03**	AV637734	HC076g10			24.9	22.8	30.5	0.9	0.1	0.8	0.3
8748	**151d10**	AV629491	LCL059g02			14.1	14.3	17.2	1.0	0.1	0.8	0.1
8749	**124b06**	AV640008	HCL008g01			10.6	12.5	15.3	1.2	0.1	0.8	0.2
8750	**013g12**	AV639583	HCL001d04			4.7	3.5	4.7	0.7	0.3	0.8	0.6
8751	**002b11**	AV394957	CL33g10			5.0	2.9	3.4	0.7	0.4	0.8	0.1
8752	**127g01**	AV641969	HCL043c02			14.2	13.1	15.8	0.9	0.2	0.8	0.1
8753	**146c05**	AV627041	LCL020c01			18.0	19.2	25.0	1.2	0.4	0.8	0.3
8754	**142g02**	AV625389	LC091h08			46.7	40.1	48.2	1.2	0.7	0.8	0.0
8755	**139c02**	AV622911	LC056d12			4.0	3.6	4.4	0.9	0.2	0.8	0.3
8756	**022g07**	AV624228	LC074g04			17.0	17.3	21.9	1.0	0.2	0.8	0.3
8757	**105c11**	AV396310	CL61f07			7.1	5.8	6.9	0.8	0.1	0.8	0.2
8758	**109h06**	AV388635	CM030h10			128.0	123.3	147.1	1.0	0.2	0.8	0.0
8759	**150g12**	AV629178	LCL053g04			11.0	9.1	10.8	0.8	0.2	0.8	0.3
8760	**129c11**	AV642791	HCL058a03			15.4	9.6	11.6	0.6	0.1	0.8	0.1
8761	**142f12**	AV625387	LC091h05			7.3	5.1	6.1	0.7	0.2	0.8	0.3
8762	**156f05**	BP086241	MX004h02			5.4	6.7	9.1	1.3	0.4	0.8	0.4
8763	**027d04**	AV629160	LCL053d02			21.2	17.2	20.9	0.8	0.1	0.8	0.1
8764	**105d11**	AV396503	CL63e09			9.6	9.9	12.5	1.0	0.1	0.8	0.3
8765	**011d02**	AV634754	HC037e03			5.8	5.6	7.1	1.1	0.4	0.8	0.2
8766	**140b11**	AV623686	LC067c08			18.7	18.1	22.0	1.0	0.1	0.8	0.1
8767	**142e09**	AV625246	LC089h03			13.1	9.5	11.8	0.7	0.1	0.8	0.2
8768	**001d12**	AV393936	CL13h04			5.6	5.7	7.3	1.0	0.4	0.8	0.4
8769	**108c06**	AV388175	CM017f10			170.9	202.3	245.1	1.2	0.2	0.8	0.1
8770	**115g04**	AV391493	CM090h05			73.1	52.5	64.8	0.7	0.2	0.8	0.4
8771	**141f06**	AV624643	LC080f05			5.5	4.8	6.0	0.9	0.3	0.8	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
8772	**019a02**	AV619373	LC007d11			7.0	6.3	8.1	0.9	0.2	0.8	0.4
8773	**171h04**	BP098141	MXL088a09			69.5	41.5	96.1	0.6	0.4	0.8	0.8
8774	**142h11**	AV625525	LC094b04			22.1	14.1	17.1	0.6	0.0	0.8	0.1
8775	**169d03**	BP096932	MXL067c08			7.1	6.0	7.2	0.8	0.2	0.8	0.2
8776	**109c02**	AV388225	CM024h05			8.8	11.4	13.9	1.3	0.2	0.8	0.2
8777	**003e09**	AV396684	CL67c01			6.2	8.9	10.9	1.4	0.2	0.8	0.1
8778	**112a02**	AV391319	CM053d02			8.2	10.2	17.0	1.3	0.4	0.8	0.4
8779	**171d09**	BP097931	MXL083g02			25.2	27.3	36.3	1.1	0.2	0.8	0.4
8780	**006e10**	AV390105	CM042c11			6.3	9.0	10.9	1.4	0.6	0.8	0.3
8781	**032e05**	BP093366	MXL007d11			26.3	20.0	24.3	0.8	0.0	0.8	0.1
8782	**105h09**	AV397033	CL72c06			9.6	8.9	11.3	0.9	0.1	0.8	0.2
8783	**120a07**	BP383704	HC049c11			23.6	24.0	30.6	1.0	0.3	0.8	0.2
8784	**111d09**	AV390688	CM047c07			11.4	9.0	11.2	0.8	0.1	0.8	0.2
8785	**167e11**	BP096113	MXL052h09			7.9	7.4	9.1	0.9	0.2	0.8	0.2
8786	**150f05**	AV629091	LCL051h04			49.2	40.9	51.1	0.8	0.1	0.8	0.1
8787	**003f03**	AV396810	CL69b03			7.6	7.2	9.2	1.0	0.1	0.8	0.2
8788	**168h08**	BP096735	MXL063h11			5.9	4.8	6.1	0.7	0.4	0.8	0.7
8789	**020d10**	AV621036	LC030c07			11.1	6.9	8.3	0.6	0.2	0.8	0.2
8790	**167h04**	BP096227	MXL054h08			11.6	10.2	17.8	0.7	0.4	0.8	0.9
8791	**001g07**	AV394242	CL22d05			19.0	18.5	23.0	1.1	0.3	0.8	0.2
8792	**159e06**	BP087824	MX044c11			26.9	23.5	29.0	0.9	0.2	0.8	0.2
8793	**166f04**	BP095721	MXL046d05			4.8	5.1	6.4	1.1	0.2	0.8	0.3
8794	**162f07**	BP093858	MXL014g10			10.5	9.6	12.3	0.9	0.2	0.8	0.3
8795	**131d04**	AV644075	HCL081c11			26.9	22.9	28.3	0.9	0.1	0.8	0.1
8796	**123a05**	AV639108	HC095b01			8.6	6.6	7.9	0.8	0.1	0.8	0.1
8797	**159h06**	BP088177	MX053d03			19.6	16.7	20.2	0.8	0.3	0.8	0.3
8798	**106b04**	AV397052	CL75b10			75.3	53.5	64.7	0.8	0.3	0.8	0.2
8799	**159h01**	BP088153	MX052h07			5.5	4.5	6.5	0.8	0.3	0.8	0.6
8800	**103d07**	AV395159	CL36c10			4.0	3.6	4.5	0.9	0.2	0.8	0.2
8801	**024f05**	AV626689	LCL013g06			19.9	16.8	20.5	0.9	0.2	0.8	0.1
8802	**119h07**	AV635603	HC048d07			15.4	6.8	9.0	0.4	0.1	0.8	0.4
8803	**165g02**	BP095332	MXL040a12			7.1	5.6	8.0	0.8	0.4	0.8	0.5
8804	**105f02**	AV396760	CL66c03			30.2	20.5	25.6	0.7	0.2	0.8	0.4
8805	**108h07**	AV387868	CM022g01			17.9	12.5	16.1	0.7	0.1	0.8	0.2
8806	**152g06**	AV630106	LCL073c02			27.5	21.7	26.3	0.8	0.2	0.8	0.0
8807	**149h10**	AV628751	LCL046f01			56.1	29.0	36.0	1.0	0.8	0.8	0.3
8808	**101f06**	AV393852	CL12d08			7.0	5.4	6.6	0.8	0.2	0.8	0.1
8809	**127e03**	AV641825	HCL040h10			4.5	4.5	5.9	1.0	0.2	0.8	0.3
8810	**110g10**	AV389829	CM040c01			10.3	6.3	7.7	0.7	0.3	0.8	0.2
8811	**025g03**	AV627754	LCL031e06			10.6	10.6	13.3	1.0	0.2	0.8	0.2
8812	**146g07**	AV627234	LCL023c09			7.2	6.1	7.2	0.8	0.1	0.8	0.1
8813	**126e11**	AV641342	HCL031h11			13.6	12.6	15.6	0.9	0.2	0.8	0.3
8814	**151g03**	AV629636	LCL062d12			20.4	17.7	21.5	0.9	0.1	0.8	0.1
8815	**009h05**	AV393150	CM100e02			12.8	11.6	16.0	0.9	0.2	0.8	0.4
8816	**022c11**	AV623707	LC067e10			8.2	7.8	9.5	1.0	0.2	0.8	0.1
8817	**124h03**	AV640323	HCL014c08			10.2	8.5	12.3	0.8	0.1	0.8	0.4
8818	**168d09**	BP096514	MXL059h11			6.0	5.1	6.5	0.9	0.2	0.8	0.3
8819	**128f06**	AV642459	HCL052c01			6.5	5.3	6.7	0.8	0.1	0.8	0.2
8820	**121b12**	AV636921	HC066b02			9.0	6.5	7.9	0.7	0.1	0.8	0.1
8821	**029d09**	AV630836	LCL085a01			24.9	25.5	30.6	1.1	0.5	0.8	0.3
8822	**144c03**	AV626186	LCL003h01			35.0	27.5	34.6	0.8	0.1	0.8	0.1
8823	**130d01**	AV643398	HCL068h11			11.2	9.1	11.5	0.8	0.2	0.8	0.2
8824	**160g05**	BP089257	MX203h04			7.7	5.7	8.8	0.8	0.5	0.8	0.7
8825	**152f06**	AV630049	LCL072a04			3.5	3.1	3.8	0.9	0.2	0.8	0.2
8826	**111e10**	AV390876	CM048f02			19.9	17.5	21.8	0.9	0.2	0.8	0.3
8827	**169g01**	BP097091	MXL069h04			29.8	30.7	39.8	1.1	0.3	0.8	0.3
8828	**008f01**	AV388700	CM072b06			14.6	15.0	18.3	1.1	0.5	0.8	0.2
8829	**142e06**	AV625225	LC089e08			11.6	11.5	14.1	1.0	0.2	0.8	0.2
8830	**114c08**	AV389386	CM075c04			6.9	5.5	7.5	0.8	0.1	0.8	0.4
8831	**168g06**	BP096682	MXL063a05			8.1	7.5	9.2	0.9	0.6	0.8	0.7
8832	**118a05**	AV633341	HC019f10			5.3	3.9	5.0	0.8	0.2	0.8	0.3
8833	**108a04**	AV387406	CM014h08			13.8	16.2	24.0	1.2	0.2	0.8	0.5
8834	**110g07**	AV389814	CM039h11			7.0	5.6	7.4	0.8	0.1	0.8	0.3
8835	**150f03**	AV629077	LCL051f01			43.4	33.3	40.5	0.8	0.1	0.8	0.0
8836	**009h03**	AV392886	CM100d05			113.1	86.9	109.4	0.8	0.3	0.8	0.4
8837	**113e11**	AV393285	CM068g12			41.4	30.7	36.4	0.7	0.2	0.8	0.2
8838	**127c11**	AV641758	HCL039h01			6.0	6.1	7.5	1.0	0.1	0.8	0.1
8839	**145f01**	AV626762	LCL015a06			13.8	11.6	14.6	0.9	0.3	0.8	0.3
8840	**127e09**	AV641871	HCL041f07			29.1	21.2	29.9	0.7	0.1	0.8	0.4
8841	**153d12**	AV630489	LCL079f10			62.6	42.6	53.8	0.7	0.1	0.8	0.1
8842	**103h08**	AV395565	CL43b03			35.3	28.4	38.9	0.8	0.1	0.8	0.4
8843	**107c08**	AV386768	CM008f08			10.1	8.9	10.9	0.9	0.1	0.8	0.0
8844	**128g09**	AV642550	HCL053g07			28.0	23.8	37.7	0.9	0.2	0.8	0.5
8845	**131h01**	AV644331	HCL086e01			6.4	5.9	7.9	1.0	0.3	0.8	0.3
8846	**155g09**	AV631609	LCL096h07			11.8	7.2	9.3	0.7	0.4	0.8	0.3
8847	**132f10**	AV644793	HCL093h04			6.7	6.7	8.2	1.0	0.4	0.8	0.2
8848	**001c06**	AV393526	CL08f09			42.6	39.3	50.5	0.9	0.2	0.8	0.5
8849	**134e01**	AV619306	LC006d07			7.4	35.7	41.7	4.8	2.3	0.8	0.2
8850	**124g12**	AV640294	HCL013g12			11.4	10.8	13.3	1.0	0.2	0.8	0.1
8851	**019b12**	AV619680	LC011f10			21.3	17.4	26.3	0.8	0.1	0.8	0.4
8852	**149d01**	AV628464	LCL042c07			19.8	14.2	18.2	0.7	0.1	0.8	0.3
8853	**125e07**	AV640677	HCL020d09			35.4	24.7	30.1	0.7	0.0	0.8	0.0
8854	**155g08**	AV631603	LCL096g12			5.4	3.5	4.6	0.6	0.4	0.8	0.6
8855	**143a09**	AV625561	LC094f05			8.7	6.9	8.5	0.9	0.4	0.8	0.1
8856	**124g04**	AV640246	HCL013a05			15.6	12.5	15.6	0.8	0.1	0.8	0.1
8857	**162g03**	BP093899	MXL015c10			8.4	5.5	7.3	0.7	0.2	0.8	0.4
8858	**162h02**	BP093965	MXL016d01			6.8	4.7	6.7	0.7	0.4	0.8	0.6
8859	**149f06**	AV628561	LCL043g07			12.2	10.7	13.1	0.9	0.2	0.8	0.1
8860	**172d08**	BP098366	MXL092c07			17.4	20.8	25.6	1.2	0.2	0.8	0.2
8861	**018g11**	AV619116	LC004a05			4.1	4.6	6.1	1.1	0.1	0.8	0.6
8862	**125g04**	AV640777	HCL022c05			14.4	14.2	19.3	1.0	0.2	0.8	0.4
8863	**021e05**	AV622492	LC050d08			9.4	7.9	9.8	0.8	0.1	0.8	0.3
8864	**152h10**	AV630250	LCL076b03			16.5	10.5	13.2	0.6	0.1	0.8	0.1
8865	**148h08**	AV628240	LCL039a04			9.6	8.4	10.3	0.9	0.2	0.8	0.3
8866	**168g08**	BP096690	MXL063b08			23.7	24.8	30.9	1.0	0.6	0.8	0.6
8867	**027b11**	AV628983	LCL049h12			25.3	18.5	26.0	0.7	0.1	0.8	0.3
8868	**017h07**	AV643954	HCL079a09			11.6	15.3	18.8	1.3	0.2	0.8	0.0
8869	**152d12**	AV629980	LCL070d06			22.3	19.7	27.2	0.9	0.1	0.8	0.3
8870	**129f11**	AV642995	HCL061h04			10.1	7.7	10.6	0.8	0.1	0.8	0.3
8871	**163h06**	BP094548	MXL024g07			14.2	13.1	18.3	1.0	0.5	0.8	0.4
8872	**119a01**	AV634473	HC033h02			10.0	10.1	13.5	1.0	0.1	0.8	0.3
8873	**005a12**	AV387345	CM019b09			21.3	12.9	19.1	0.6	0.2	0.8	0.5
8874	**153h05**	AV630704	LCL083a01			10.3	9.8	11.8	0.9	0.3	0.8	0.2
8875	**150e04**	AV629033	LCL050g02			14.6	13.7	16.8	1.0	0.1	0.8	0.2
8876	**155h11**	AV631656	LCL097f11			9.3	7.7	9.3	0.8	0.3	0.8	0.4
8877	**170d08**	BP097416	MXL075d02			10.0	17.4	21.8	1.8	0.6	0.8	0.2
8878	**012c06**	AV636427	HC059c12			3.3	3.0	3.7	1.0	0.2	0.8	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
8879	**124f02**	AV640202	HCL012a12			32.9	30.4	36.5	0.9	0.1	0.8	0.1
8880	**124b05**	AV640005	HCL008f06			25.1	21.7	27.9	0.9	0.1	0.8	0.2
8881	**143f06**	BP383831	LC098g04			9.1	8.3	10.3	0.9	0.0	0.8	0.2
8882	**005d10**	AV388262	CM024d11			5.7	6.1	7.4	1.1	0.1	0.8	0.2
8883	**154h04**	AV631177	LCL089h05			27.9	21.5	26.5	0.8	0.0	0.8	0.2
8884	**034f08**	BP096129	MXL053c02			3.9	3.2	4.1	0.8	0.1	0.8	0.2
8885	**036a08**	BP097713	MXL080b04			8.7	5.4	6.6	0.6	0.1	0.8	0.1
8886	**026f08**	AV628496	LCL042g06			11.1	9.0	11.0	0.8	0.2	0.8	0.1
8887	**106a02**	AV396964	CL73e11			5.8	5.9	8.2	1.3	0.6	0.8	0.5
8888	**017f05**	AV643490	HCL070e08			14.3	14.6	18.9	1.0	0.1	0.8	0.2
8889	**102c03**	AV394324	CL20d10			17.2	16.6	20.9	1.0	0.1	0.8	0.1
8890	**006f11**	AV390307	CM045a03			3.5	3.1	3.9	0.9	0.0	0.8	0.4
8891	**146d09**	AV627096	LCL021a10			26.4	22.5	27.3	0.9	0.1	0.8	0.1
8892	**123e06**	AV639617	HCL001h11			8.9	7.4	9.1	0.8	0.1	0.8	0.2
8893	**165h06**	BP095387	MXL041a04			20.5	14.7	20.3	0.7	0.4	0.8	0.7
8894	**027d10**	AV629200	LCL054b02			11.4	9.9	12.7	0.9	0.1	0.8	0.3
8895	**016d05**	AV642100	HCL045f07			7.8	11.2	13.7	1.5	0.3	0.8	0.2
8896	**166h05**	BP095801	MXL047f01			9.4	7.5	10.2	0.7	0.4	0.8	0.7
8897	**031f05**	BP087203	MX028b01			10.2	8.5	11.0	0.9	0.2	0.8	0.3
8898	**104f11**	AV395859	CL52h06			5.2	4.7	5.8	0.9	0.2	0.8	0.1
8899	**012e05**	AV636974	HC066h08			3.5	2.2	2.7	0.6	0.1	0.8	0.1
8900	**138e09**	AV622330	LC048c05			12.1	10.5	13.6	0.9	0.2	0.8	0.2
8901	**018d09**	AV644520	HCL090a04			28.9	23.2	31.5	0.8	0.1	0.8	0.3
8902	**113b10**	AV392840	CM064g02			12.0	7.8	11.1	0.7	0.3	0.8	0.4
8903	**008c10**	AV393274	CM068g06			30.1	21.6	26.8	0.7	0.1	0.8	0.1
8904	**163h04**	BP094543	MXL024f12			8.0	6.7	9.3	0.8	0.3	0.8	0.5
8905	**150d09**	AV628995	LCL050b02			14.5	11.7	14.4	0.8	0.1	0.8	0.0
8906	**151d11**	AV629502	LCL059h08			58.1	56.0	76.2	1.0	0.0	0.8	0.3
8907	**030d11**	AV631676	LCL098a09			1.4	1.3	1.7	1.0	0.5	0.8	0.2
8908	**121b07**	AV636880	HC065e09			6.1	4.7	5.9	0.8	0.1	0.8	0.2
8909	**143h08**	AV626042	LCL001e10			73.4	28.9	38.8	0.4	0.1	0.8	0.5
8910	**024b07**	AV626371	LCL008a03			15.8	10.2	15.2	0.6	0.1	0.8	0.5
8911	**124e06**	AV640173	HCL011f02			12.7	8.6	11.1	0.7	0.0	0.8	0.2
8912	**157g08**	BP087149	MX026g06			5.9	7.3	9.2	1.3	1.2	0.8	0.7
8913	**103c02**	AV394964	CL33c01			11.1	11.4	14.3	1.0	0.3	0.8	0.3
8914	**116c12**	AV397563	CM098f02			14.6	11.0	14.8	0.9	0.6	0.8	0.5
8915	**146a08**	AV626977	LCL019c02			36.6	32.5	43.7	0.9	0.1	0.8	0.3
8916	**158d10**	BP087650	MX040c05			13.4	9.5	12.3	0.8	0.2	0.8	0.3
8917	**148e01**	AV628031	LCL035f12			13.1	9.7	12.0	0.8	0.1	0.8	0.1
8918	**019g09**	AV620285	LC020a10			8.6	7.4	9.3	0.8	0.1	0.8	0.3
8919	**012e12**	AV637079	HC068d07			14.3	12.3	15.3	0.9	0.1	0.8	0.1
8920	**107c03**	AV386748	CM008b04			12.4	9.7	11.7	0.8	0.4	0.8	0.4
8921	**016d03**	AV642060	HCL044h02			27.6	25.6	31.5	0.9	0.1	0.8	0.1
8922	**148h05**	AV628229	LCL038g04			20.0	17.2	21.6	0.9	0.1	0.8	0.1
8923	**127c02**	AV641698	HCL038h07			16.1	15.9	20.1	1.0	0.1	0.8	0.1
8924	**149g11**	AV628681	LCL045e10			15.9	17.5	20.5	1.1	0.2	0.8	0.2
8925	**124g02**	AV640241	HCL012h06			13.1	12.8	17.2	1.0	0.1	0.8	0.3
8926	**031e06**	BP086977	MX021h04			12.1	11.9	14.7	1.0	0.1	0.8	0.1
8927	**168d11**	BP096520	MXL060a08			37.3	28.6	38.4	0.8	0.1	0.8	0.3
8928	**004d07**	AV386701	CM008c01			7.4	6.6	8.1	0.9	0.1	0.8	0.1
8929	**114a04**	BP383679	CM072c04			15.3	19.7	24.7	1.4	0.5	0.8	0.1
8930	**129e01**	AV642885	HCL059h06			21.9	19.1	23.9	0.9	0.2	0.8	0.1
8931	**124b03**	AV639979	HCL008c05			21.5	17.9	22.6	0.8	0.1	0.8	0.1
8932	**125f11**	AV640757	HCL021h06			12.0	9.8	12.9	0.8	0.0	0.8	0.2
8933	**140h05**	AV624125	LC073c08			13.6	10.4	13.3	0.8	0.3	0.8	0.2
8934	**169c07**	BP096900	MXL066g03			11.9	10.9	13.9	0.9	0.2	0.8	0.1
8935	**126e10**	AV641341	HCL031h10			13.4	11.1	13.7	0.8	0.0	0.8	0.1
8936	**153g07**	AV630656	LCL082b12			10.6	10.2	12.4	1.0	0.1	0.8	0.1
8937	**108c07**	AV388201	CM017g02			155.1	134.9	165.4	0.9	0.0	0.8	0.1
8938	**112h07**	AV392446	CM061f08			201.7	202.9	250.5	1.0	0.1	0.8	0.0
8939	**164g12**	BP094955	MXL033c04			18.9	30.1	37.4	1.6	0.5	0.8	0.2
8940	**133f07**	AV645148	HCL098g11			27.1	18.8	23.2	0.7	0.1	0.8	0.0
8941	**117g09**	AV633129	HC017b03			8.5	6.7	8.7	0.8	0.2	0.8	0.3
8942	**019b09**	AV619637	LC011b02			27.7	20.1	26.4	0.7	0.3	0.8	0.5
8943	**116h11**	AV632039	HC003b06			51.6	42.8	53.0	0.8	0.2	0.8	0.1
8944	**158g03**	BP098861	MXL100d02			8.8	5.6	7.5	0.6	0.2	0.8	0.5
8945	**165c08**	BP095146	MXL036e12			19.8	38.8	47.8	2.0	0.3	0.8	0.1
8946	**032e06**	BP093379	MXL007f06			8.3	6.9	8.8	0.8	0.1	0.8	0.3
8947	**127f04**	AV641922	HCL042e03			19.1	16.7	20.5	0.9	0.1	0.8	0.1
8948	**145f10**	AV626802	LCL015f08			72.5	33.3	45.1	0.4	0.1	0.8	0.5
8949	**129a08**	AV642650	HCL055d03			9.2	7.9	10.1	0.9	0.1	0.8	0.2
8950	**036g02**	BP098598	MXL096a12			7.5	6.8	8.7	1.0	0.3	0.8	0.2
8951	**129a01**	AV642615	HCL054g06			17.7	14.4	18.7	0.8	0.1	0.8	0.2
8952	**034d09**	BP095744	MXL046g03			20.5	19.0	22.7	0.9	0.3	0.8	0.1
8953	**102e10**	AV394455	CL24c11			7.6	6.6	8.3	0.9	0.3	0.8	0.1
8954	**014b08**	AV639790	HCL005a12			8.3	6.6	8.3	0.8	0.0	0.8	0.1
8955	**014e10**	AV640142	HCL011b06			14.2	12.8	16.7	0.9	0.2	0.8	0.3
8956	**106h06**	AV386642	CM004b05			114.1	94.2	115.7	0.8	0.2	0.8	0.2
8957	**127e05**	AV641844	HCL041c02			27.4	23.9	34.5	0.9	0.1	0.8	0.4
8958	**018e09**	AV618942	LC001f10			12.7	11.2	13.6	0.9	0.4	0.8	0.3
8959	**008d10**	AV387657	CM069f04			9.6	8.3	10.2	0.9	0.2	0.8	0.1
8960	**169d06**	BP096952	MXL067e12			18.7	13.8	20.8	0.7	0.1	0.8	0.6
8961	**172d04**	BP098349	MXL092a03			19.9	19.7	26.0	1.1	0.5	0.8	0.3
8962	**147c06**	AV627447	LCL026h06			6.4	7.2	8.9	1.1	0.1	0.8	0.1
8963	**142b10**	AV624990	LC085d12			21.1	17.8	23.1	0.8	0.1	0.8	0.3
8964	**123f02**	AV639656	HCL002e08			21.8	19.1	23.7	0.9	0.1	0.8	0.1
8965	**146f12**	AV627187	LCL022d07			8.9	6.8	8.4	0.8	0.2	0.8	0.2
8966	**172h02**	BP098555	MXL095d03			70.9	62.6	76.7	0.9	0.1	0.8	0.1
8967	**134c09**	AV619151	LC004e01			22.1	16.6	24.0	0.7	0.1	0.8	0.4
8968	**122g05**	AV638834	HC091d10			401.7	211.2	310.8	0.5	0.2	0.8	0.5
8969	**005b04**	AV387354	CM019g09			15.3	12.2	18.1	0.8	0.2	0.8	0.4
8970	**010c01**	AV632357	HC007b08			5.1	6.7	8.5	1.3	0.1	0.8	0.2
8971	**130g04**	AV643677	HCL074a05			9.8	9.9	12.8	1.0	0.1	0.8	0.2
8972	**167f04**	BP096131	MXL053c05			36.0	19.3	23.9	0.5	0.1	0.8	0.2
8973	**164b01**	BP094633	MXL026a10			16.3	15.3	23.8	0.9	0.2	0.8	0.6
8974	**171e02**	BP097939	MXL083h02			9.9	8.0	11.9	0.8	0.1	0.8	0.4
8975	**157g04**	BP087142	MX026e10			7.2	5.5	7.5	0.7	0.2	0.8	0.4
8976	**126d01**	AV641203	HCL029f11			9.9	8.4	10.4	0.9	0.2	0.8	0.1
8977	**130f02**	AV643589	HCL072d01			23.5	23.3	30.8	1.0	0.0	0.8	0.3
8978	**128e12**	AV642447	HCL051h07			11.7	9.4	12.2	0.8	0.0	0.8	0.2
8979	**036f04**	BP098478	MXL093h08			10.1	10.0	14.6	1.0	0.2	0.8	0.5
8980	**141g05**	AV624722	LC081f12			6.9	5.9	7.3	0.9	0.2	0.8	0.1
8981	**131c01**	AV643957	HCL079b01			30.6	14.9	20.6	0.5	0.2	0.8	0.5
8982	**124c05**	AV640080	HCL010a03			21.6	22.1	27.4	1.0	0.2	0.8	0.1
8983	**118a01**	AV633298	HC019b05			44.8	61.7	79.9	1.5	0.4	0.8	0.2
8984	**029h08**	AV631209	LCL090c08			12.0	8.8	11.0	0.7	0.1	0.8	0.1
8985	**003d08**	AV396403	CL62a08			7.3	7.0	8.6	0.9	0.4	0.8	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
8986	**144d10**	AV626250	LCL005b08			6.1	5.4	6.7	0.9	0.1	0.8	0.1
8987	**015b07**	AV640737	HCL021e10			55.1	55.5	71.0	1.0	0.2	0.8	0.1
8988	**148g02**	AV628154	LCL037e09			28.0	21.5	27.4	0.8	0.0	0.8	0.2
8989	**016c07**	AV641941	HCL042g10			5.0	6.1	7.6	1.2	0.1	0.8	0.1
8990	**169e09**	BP097023	MXL068g12			10.6	9.8	12.3	0.9	0.1	0.8	0.1
8991	**145h10**	AV626902	LCL017g03			20.4	17.5	26.9	0.9	0.3	0.8	0.5
8992	**107h06**	AV387055	CM013f03			20.1	13.4	16.9	0.7	0.3	0.8	0.3
8993	**013d07**	AV638644	HC088h11			6.1	7.5	9.3	1.2	0.3	0.8	0.2
8994	**003h08**	AV397319	CL80d04			38.2	28.9	36.0	0.8	0.2	0.8	0.1
8995	**167e12**	BP096118	MXL053a04			20.8	17.8	23.6	0.9	0.0	0.8	0.3
8996	**142h08**	AV625516	LC094a02			6.6	4.1	5.2	0.7	0.2	0.8	0.1
8997	**157e03**	BP086952	MX021b12			7.9	9.3	12.6	1.2	0.1	0.8	0.4
8998	**114g05**	AV390549	CM080e06			111.0	131.5	164.9	1.2	0.2	0.8	0.2
8999	**163f03**	BP094393	MXL022d12			29.1	21.2	34.5	0.7	0.2	0.8	0.5
9000	**119h05**	AV635549	HC047g04			44.8	36.5	49.0	0.8	0.1	0.8	0.2
9001	**034c11**	BP095646	MXL045b06			19.1	19.1	27.6	1.0	0.2	0.8	0.4
9002	**025d07**	AV627323	LCL025a04			19.9	14.6	18.9	0.7	0.2	0.8	0.3
9003	**004f05**	AV386890	CM011g02			8.2	9.5	14.1	1.2	0.0	0.8	0.3
9004	**153c09**	AV630440	LCL078h04			18.5	16.0	19.9	0.9	0.2	0.8	0.0
9005	**010e09**	AV632996	HC015d06			8.0	8.8	10.9	1.1	0.2	0.8	0.2
9006	**127d09**	AV641801	HCL040e02			11.5	8.1	10.5	0.7	0.2	0.8	0.2
9007	**019a09**	AV619475	LC008g12			30.7	25.2	36.2	0.8	0.1	0.8	0.4
9008	**035e12**	BP097166	MXL071b07			24.3	18.1	22.8	0.7	0.1	0.8	0.2
9009	**024a07**	AV626287	LCL005h01			14.3	9.2	12.3	0.7	0.1	0.8	0.3
9010	**115f08**	AV391307	CM090a02			87.7	75.1	95.5	0.8	0.1	0.8	0.3
9011	**158g06**	BP087695	MX041f08			53.1	50.6	63.4	1.0	0.2	0.8	0.1
9012	**164g07**	BP094915	MXL032d06			42.6	28.6	54.3	0.8	0.5	0.8	0.7
9013	**135b02**	AV619701	LC011h12			34.7	27.9	37.2	0.8	0.1	0.8	0.2
9014	**126h05**	AV641542	HCL035h03			21.3	18.2	27.1	0.9	0.0	0.8	0.4
9015	**110e06**	AV389447	CM036g03			61.6	33.5	42.1	0.5	0.1	0.8	0.3
9016	**149a06**	AV628300	LCL039g06			49.2	36.9	51.6	0.8	0.2	0.8	0.3
9017	**103c05**	AV394930	CL34b07			24.8	16.0	20.0	0.7	0.3	0.8	0.1
9018	**101g09**	AV393990	CL15g09			14.4	10.9	18.8	0.8	0.1	0.8	0.5
9019	**030f09**	BP086086	MX001f04			11.7	8.6	11.4	0.7	0.1	0.8	0.4
9020	**128d10**	BP383728	HCL050g03			52.9	23.2	30.9	0.5	0.2	0.8	0.2
9021	**151e01**	AV629512	LCL060b01			31.4	24.9	34.0	0.8	0.1	0.8	0.2
9022	**131f10**	AV644248	HCL084g01			11.1	14.6	18.3	1.3	0.2	0.8	0.1
9023	**001g05**	AV394394	CL21c04			4.1	4.5	5.7	1.3	0.8	0.8	0.3
9024	**126e05**	AV641293	HCL031b10			30.4	24.4	32.4	0.8	0.1	0.8	0.2
9025	**129e11**	AV642930	HCL060g06			15.2	12.4	16.8	0.8	0.1	0.8	0.4
9026	**151h02**	AV629705	LCL064b04			44.8	36.2	46.4	0.8	0.1	0.8	0.1
9027	**155h03**	AV631637	LCL097d03			5.0	4.0	6.2	0.7	0.2	0.8	0.7
9028	**028f09**	AV630190	LCL075a09			16.2	12.8	15.9	0.8	0.1	0.8	0.1
9029	**128h12**	AV642612	HCL054g02			24.4	22.0	30.2	0.9	0.0	0.8	0.4
9030	**006f05**	AV390224	CM044c11			100.7	98.7	123.3	1.0	0.0	0.8	0.1
9031	**147c10**	AV627479	LCL027d02			19.6	15.0	18.8	0.8	0.2	0.8	0.1
9032	**151c10**	AV629418	LCL058d10			10.1	8.4	10.1	0.9	0.1	0.8	0.2
9033	**112h06**	AV392399	CM061d06			11.6	11.0	14.1	1.0	0.1	0.8	0.2
9034	**152g12**	AV630168	LCL074f09			17.6	16.0	20.8	0.9	0.2	0.8	0.3
9035	**132c03**	AV644616	HCL091c08			40.5	33.1	42.3	0.8	0.1	0.8	0.2
9036	**172g06**	BP098527	MXL094g02			5.8	3.9	6.2	0.6	0.4	0.8	0.7
9037	**123b07**	AV639336	HC098a11			7.9	6.7	8.4	0.9	0.1	0.8	0.1
9038	**126f04**	AV641370	HCL032d12			7.0	6.5	8.5	0.9	0.1	0.8	0.2
9039	**128f09**	BP383730	HCL052e06			7.9	7.3	9.6	0.9	0.1	0.8	0.3
9040	**117f01**	AV632841	HC013c08			11.0	10.3	13.3	1.1	0.4	0.8	0.2
9041	**018g09**	AV619107	LC003h03			1.9	2.0	2.8	1.0	0.3	0.8	0.7
9042	**007f03**	AV392031	CM058b03			4.2	3.2	4.1	0.9	0.6	0.8	0.3
9043	**155h12**	AV631664	LCL097h02			16.6	12.9	17.6	0.7	0.1	0.8	0.5
9044	**018h10**	AV619276	LC006a05			4.6	5.4	6.6	1.2	0.1	0.8	0.2
9045	**104d07**	AV397750	CL49d07			5.1	4.0	5.3	0.8	0.1	0.8	0.3
9046	**018b06**	AV644203	HCL083g12			3.7	3.3	4.2	0.9	0.3	0.8	0.1
9047	**032g02**	BP093580	MXL010d11			98.9	38.1	45.8	0.4	0.1	0.8	0.5
9048	**165g08**	BP095349	MXL040c12			23.1	16.8	23.1	0.7	0.2	0.8	0.5
9049	**139e04**	AV623129	LC059c09			10.1	8.6	11.3	0.9	0.2	0.8	0.2
9050	**130g03**	AV643663	HCL073g01			19.7	16.3	20.6	0.9	0.1	0.8	0.1
9051	**161h06**	BP093374	MXL007e08			15.0	18.6	23.8	1.2	0.4	0.8	0.5
9052	**163f12**	BP094449	MXL023b12			13.3	9.5	12.3	0.7	0.2	0.8	0.3
9053	**154b09**	AV630844	LCL085a10			59.7	58.7	73.9	1.0	0.2	0.8	0.0
9054	**156h12**	BP086434	MX008g02			4.6	4.7	6.4	0.9	0.3	0.8	0.6
9055	**167d08**	BP096046	MXL051f08			7.4	6.4	8.2	0.9	0.1	0.8	0.2
9056	**145f09**	AV626801	LCL015f07			11.4	9.5	12.0	0.8	0.1	0.8	0.1
9057	**131a06**	AV643827	HCL076g05			19.0	17.0	21.9	0.9	0.0	0.8	0.2
9058	**012g08**	AV637372	HC072c09			98.4	80.0	100.9	0.8	0.1	0.8	0.1
9059	**172g08**	BP098531	MXL094g09			7.4	6.0	7.9	0.7	0.4	0.8	0.7
9060	**107b03**	AV386843	CM007b11			6.3	8.0	10.2	1.4	0.5	0.8	0.2
9061	**128f08**	AV642477	HCL052e05			9.8	7.9	10.2	0.8	0.2	0.8	0.2
9062	**155g10**	AV631612	LCL096h12			14.7	7.3	9.5	0.5	0.2	0.8	0.3
9063	**124a07**	AV639947	HCL007g04			20.1	15.5	20.2	0.8	0.1	0.8	0.2
9064	**116a02**	AV392027	CM094c01			77.2	120.5	151.3	1.6	0.2	0.8	0.0
9065	**128d05**	AV642335	HCL049h12			14.3	13.4	17.7	0.9	0.1	0.8	0.2
9066	**021f09**	AV622694	LC053b07			6.8	6.3	8.1	1.0	0.4	0.8	0.2
9067	**103f06**	AV395339	CL40b05			9.2	6.2	7.7	0.7	0.2	0.8	0.2
9068	**105g03**	AV396956	CL68c11			120.2	107.1	131.9	0.9	0.1	0.8	0.1
9069	**112b04**	AV391474	CM054g12			339.6	257.2	331.4	0.8	0.1	0.8	0.1
9070	**155f02**	AV631482	LCL094g05			20.3	17.4	24.2	0.9	0.2	0.8	0.5
9071	**170f10**	BP097542	MXL077e05			11.5	9.0	11.7	0.8	0.4	0.8	0.5
9072	**035d05**	BP096966	MXL067h07			11.5	8.1	10.5	0.7	0.1	0.8	0.2
9073	**026c11**	AV628265	LCL039c12			10.6	8.0	10.4	0.8	0.2	0.8	0.3
9074	**158g12**	BP087702	MX041g07			14.1	10.7	14.3	0.8	0.3	0.8	0.3
9075	**127b12**	BP098732	MXL098b08			8.5	7.3	9.6	0.8	0.2	0.8	0.2
9076	**156d10**	BP086106	MX002a04			14.0	10.0	13.8	0.7	0.1	0.8	0.4
9077	**152b05**	AV629812	LCL066e11			8.8	6.9	8.8	0.8	0.0	0.8	0.3
9078	**163h02**	BP094532	MXL024e06			9.3	7.1	12.7	0.7	0.2	0.8	0.7
9079	**108a09**	AV387481	CM016a09			14.6	14.5	24.3	1.0	0.2	0.8	0.4
9080	**117c01**	AV632374	HC007d07			4.2	7.7	10.4	1.9	0.2	0.8	0.2
9081	**126c03**	AV641099	HCL027g07			10.2	8.3	11.1	0.8	0.1	0.8	0.2
9082	**035c11**	BP096929	MXL067c03			40.4	26.8	35.0	0.7	0.1	0.8	0.1
9083	**170e10**	BP097471	MXL076c07			16.8	9.2	11.5	0.5	0.0	0.8	0.2
9084	**125e12**	AV640696	HCL020h04			47.4	36.5	49.8	0.8	0.0	0.8	0.2
9085	**169h01**	BP097136	MXL070f10			9.4	6.9	10.0	0.6	0.4	0.8	0.8
9086	**127a07**	AV641613	HCL037d09			21.2	15.4	19.4	0.7	0.1	0.8	0.1
9087	**145f08**	AV626800	LCL015f06			38.5	33.0	41.5	0.9	0.2	0.8	0.2
9088	**110g06**	AV389810	CM039h10			13.0	12.5	17.1	1.0	0.1	0.8	0.2
9089	**165h04**	BP095378	MXL040h07			6.6	4.2	8.3	0.6	0.4	0.8	0.7
9090	**031f07**	BP087210	MX028b10			109.1	55.7	70.8	0.5	0.2	0.8	0.4
9091	**031b10**	BP086613	MX012h02			34.9	19.6	25.3	0.6	0.0	0.8	0.1
9092	**143d08**	AV625699	LC096f03			15.4	12.1	15.2	0.8	0.1	0.8	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
9093	**014d07**	AV640020	HCL008h10			5.6	6.7	8.9	1.2	0.0	0.8	0.2
9094	**012e10**	AV637058	HC068b02			4.6	5.2	6.9	1.2	0.3	0.8	0.4
9095	**150f12**	AV629127	LCL052f08			24.6	18.1	25.5	0.8	0.1	0.8	0.3
9096	**002b08**	AV394854	CL32f04			12.6	15.0	20.9	1.2	0.2	0.8	0.3
9097	**145f12**	AV626821	LCL016a05			12.2	10.6	16.2	0.9	0.2	0.8	0.4
9098	**161e09**	BP093214	MXL005a10			20.9	13.0	16.7	0.6	0.2	0.8	0.2
9099	**113h06**	AV388529	CM071f01			14.3	11.1	14.7	0.8	0.2	0.8	0.4
9100	**014c07**	AV639889	HCL006g02			6.5	6.5	8.3	1.0	0.0	0.8	0.1
9101	**128b08**	AV642210	HCL047e03			9.1	8.2	10.4	0.9	0.2	0.8	0.1
9102	**143h06**	AV626027	LCL001c03			8.0	7.4	9.3	0.9	0.2	0.8	0.0
9103	**107d03**	AV397659	CM009c05			74.9	62.7	85.7	0.8	0.1	0.8	0.3
9104	**101e06**	AV393680	CL10d09			9.1	8.2	10.8	0.9	0.2	0.8	0.2
9105	**126c05**	AV641118	HCL028a09			9.0	9.0	11.5	1.0	0.2	0.8	0.2
9106	**150h05**	AV629218	LCL054f05			10.0	7.2	9.1	0.7	0.1	0.8	0.1
9107	**171g03**	BP098057	MXL086b12			11.0	7.9	10.5	0.7	0.0	0.8	0.5
9108	**012f11**	AV637267	HC070h05			11.6	8.5	11.0	0.7	0.1	0.8	0.2
9109	**118f05**	AV634015	HC028b05			51.4	47.6	61.7	0.9	0.2	0.8	0.2
9110	**103h05**	AV395451	CL42g02			33.5	22.0	27.6	0.7	0.4	0.8	0.1
9111	**168c08**	BP096393	MXL058a11			9.4	14.5	19.2	1.6	0.2	0.8	0.3
9112	**140e01**	AV623846	LC069e02			28.4	20.8	26.8	0.8	0.1	0.8	0.1
9113	**001b07**	AV393569	CL05g04			23.0	29.0	37.3	1.3	0.1	0.8	0.2
9114	**003b06**	AV396034	CL55e03			17.1	14.9	20.8	0.9	0.2	0.8	0.3
9115	**126a10**	AV641005	HCL026a10			23.9	19.1	25.1	0.8	0.1	0.8	0.2
9116	**150g01**	AV629129	LCL052g01			22.7	19.3	24.6	0.8	0.1	0.8	0.2
9117	**005e07**	AV388127	CM025h07			43.9	27.2	34.2	0.6	0.2	0.8	0.4
9118	**156h11**	BP086432	MX008f12			3.4	3.1	4.3	0.9	0.4	0.8	0.5
9119	**020f12**	AV621365	LC035a08			20.1	26.5	35.2	1.3	0.2	0.8	0.3
9120	**033e09**	BP094509	MXL024b12			19.6	13.7	17.4	0.7	0.1	0.8	0.1
9121	**150c08**	AV628936	LCL049c02			18.4	15.4	20.1	0.8	0.1	0.8	0.1
9122	**162e06**	BP093768	MXL013e01			17.8	13.4	17.4	0.8	0.1	0.8	0.2
9123	**027b08**	AV628965	LCL049f08			31.1	24.1	33.4	0.8	0.1	0.8	0.3
9124	**172c04**	BP098291	MXL090h11			18.1	15.2	19.3	0.8	0.1	0.8	0.3
9125	**162f11**	BP093883	MXL015b03			11.5	9.6	12.6	0.9	0.3	0.8	0.3
9126	**143g10**	AV625966	LC100d10			8.6	6.1	8.1	0.7	0.1	0.8	0.2
9127	**150h11**	AV629277	LCL055g07			5.4	4.9	6.3	0.9	0.3	0.8	0.2
9128	**164h07**	BP094978	MXL033g04			45.3	31.7	39.8	0.7	0.2	0.8	0.1
9129	**129b04**	AV642689	HCL056b02			14.3	12.6	16.4	0.9	0.1	0.8	0.2
9130	**132h10**	AV644869	HCL094h05			18.5	16.7	23.3	0.9	0.1	0.8	0.3
9131	**105h06**	AV396894	CL71e11			17.8	14.8	20.1	0.8	0.1	0.8	0.3
9132	**013c06**	AV638299	HC084e11			33.2	22.7	28.7	0.7	0.1	0.8	0.1
9133	**006d11**	AV389984	CM041b10			3.6	3.7	4.7	1.2	0.6	0.8	0.3
9134	**159f08**	BP087986	MX048f08			15.4	13.7	20.6	0.9	0.3	0.8	0.4
9135	**027g10**	AV629437	LCL058g04			15.5	16.4	21.3	1.1	0.1	0.8	0.3
9136	**146c03**	AV627039	LCL020b11			11.9	10.6	13.4	0.9	0.3	0.8	0.1
9137	**128f03**	AV642454	HCL052b05			21.2	21.2	27.0	1.0	0.1	0.8	0.0
9138	**146f01**	AV627157	LCL022a03			12.4	9.6	12.3	0.8	0.1	0.8	0.1
9139	**170e07**	BP097454	MXL076a02			15.0	9.9	12.9	0.7	0.1	0.8	0.1
9140	**112g04**	AV392286	CM060e01			16.0	15.5	19.8	1.0	0.3	0.8	0.3
9141	**014d04**	AV639996	HCL008e01			36.9	40.1	52.6	1.1	0.1	0.8	0.1
9142	**151g05**	AV629647	LCL062f04			12.6	11.9	15.1	0.9	0.1	0.8	0.0
9143	**128d04**	AV642333	HCL049h09			12.8	10.9	13.9	0.9	0.2	0.8	0.1
9144	**129c01**	BP098748	MXL098e01			11.5	9.3	12.2	0.8	0.2	0.8	0.2
9145	**110b09**	AV388954	CM033h08			4.1	4.1	6.2	1.0	0.1	0.8	0.3
9146	**107f05**	AV386880	CM011c01			22.5	17.8	21.6	0.8	0.3	0.8	0.2
9147	**133d01**	AV645026	HCL097b07			49.5	32.4	41.7	0.7	0.2	0.8	0.1
9148	**162e10**	BP093819	MXL014c06			20.6	14.3	18.0	0.7	0.1	0.8	0.0
9149	**023c06**	AV624876	LC083h12			60.4	37.8	49.3	0.6	0.0	0.8	0.2
9150	**108e07**	AV397435	CM020c01			46.8	27.6	36.7	0.6	0.3	0.8	0.4
9151	**003e11**	AV396687	CL67h05			39.0	32.0	40.2	0.8	0.2	0.8	0.2
9152	**151h12**	AV629736	LCL065a02			57.6	45.2	65.2	0.8	0.2	0.8	0.3
9153	**135f10**	AV620127	LC017h10			35.9	34.9	44.3	1.1	0.5	0.8	0.1
9154	**035c06**	BP096821	MXL065d10			22.9	17.9	23.2	0.8	0.1	0.8	0.3
9155	**135d08**	AV619944	LC015d03			29.9	23.8	32.8	0.8	0.1	0.8	0.2
9156	**148h02**	AV628221	LCL038f07			18.2	13.9	17.7	0.8	0.1	0.8	0.1
9157	**005e08**	AV388078	CM025h09			11.1	7.6	10.0	0.7	0.2	0.8	0.2
9158	**129e08**	AV642918	HCL060d11			14.0	10.9	13.9	0.8	0.1	0.8	0.2
9159	**009d09**	AV391426	CM091f05			5.0	6.9	8.8	1.5	0.4	0.8	0.0
9160	**162d09**	BP093711	MXL012d07			14.2	11.9	17.6	0.8	0.2	0.8	0.5
9161	**131b10**	AV643931	HCL078f05			15.0	12.8	16.9	0.9	0.1	0.8	0.2
9162	**014c05**	AV639883	HCL006f05			19.2	16.6	26.1	0.9	0.3	0.8	0.5
9163	**024b09**	AV626378	LCL008b03			9.6	7.6	10.3	0.8	0.0	0.8	0.3
9164	**127b04**	AV641655	HCL038c02			8.5	7.8	10.0	0.9	0.1	0.8	0.0
9165	**137h06**	AV621943	LC042h10			3.0	2.2	2.9	0.8	0.2	0.8	0.3
9166	**120d02**	AV635984	HC053f08			9.2	8.3	11.0	0.9	0.2	0.8	0.2
9167	**163e03**	BP094306	MXL020h10			9.8	7.6	12.0	0.8	0.2	0.8	0.4
9168	**128f04**	AV642456	HCL052b07			8.2	8.8	11.3	1.1	0.2	0.8	0.1
9169	**125a06**	AV640397	HCL015e12			15.5	12.9	17.5	0.8	0.0	0.8	0.3
9170	**015a05**	AV640657	HCL020a05			14.6	17.6	25.5	1.2	0.2	0.8	0.3
9171	**129h09**	AV643133	HCL064c12			23.4	19.2	32.1	0.8	0.1	0.8	0.5
9172	**116a05**	AV392012	CM094c08			31.4	20.8	25.5	0.6	0.2	0.8	0.2
9173	**106e07**	AV386499	CM001e02			15.4	15.9	19.7	1.0	0.1	0.8	0.2
9174	**166e09**	BP095695	MXL045h12			159.4	148.4	205.9	1.0	0.2	0.8	0.3
9175	**154h09**	BP098838	MXL100a06			17.2	12.6	16.1	0.7	0.1	0.8	0.1
9176	**125f07**	AV640740	HCL021f05			9.3	6.7	8.9	0.7	0.1	0.8	0.3
9177	**160d01**	BP088556	MX063d01			28.0	15.3	21.0	0.6	0.1	0.8	0.2
9178	**123b08**	AV639341	HC098b05			6.4	5.5	7.1	0.9	0.1	0.8	0.1
9179	**163f04**	BP094402	MXL022e11			16.0	16.4	21.1	1.0	0.1	0.8	0.1
9180	**168f06**	BP096635	MXL062b06			7.4	6.0	7.7	0.8	0.3	0.8	0.3
9181	**016g09**	AV642558	HCL053h04			3.0	4.3	5.3	1.4	0.3	0.8	0.2
9182	**150g09**	AV629153	LCL053b07			5.9	4.6	5.9	0.8	0.2	0.8	0.1
9183	**163f09**	BP094441	MXL023b01			21.6	21.0	28.1	1.0	0.1	0.8	0.1
9184	**160g04**	BP089240	MX203e10			12.0	9.8	13.0	0.8	0.3	0.8	0.4
9185	**165d03**	BP095176	MXL037b08			20.3	16.3	21.7	0.8	0.1	0.8	0.1
9186	**153c02**	AV630386	LCL078b03			82.4	66.6	95.2	0.8	0.2	0.8	0.3
9187	**009b10**	AV390736	CM085a12			11.0	7.6	10.2	0.7	0.1	0.8	0.2
9188	**128g12**	AV642562	HCL053h09			25.1	21.0	28.5	0.8	0.1	0.8	0.3
9189	**151h08**	AV629728	LCL064g06			6.8	6.0	8.3	0.9	0.3	0.8	0.4
9190	**169f03**	BP097052	MXL069c04			26.7	21.0	32.0	0.8	0.2	0.8	0.4
9191	**150c04**	AV628929	LCL049b04			40.6	29.6	41.9	0.8	0.2	0.8	0.3
9192	**103e07**	AV395295	CL38b05			9.2	7.6	9.7	0.8	0.2	0.8	0.3
9193	**108e04**	AV397505	CM020a03			50.7	40.2	51.8	0.8	0.1	0.8	0.0
9194	**159f06**	BP087972	MX048c11			11.1	10.5	14.3	1.0	0.4	0.8	0.2
9195	**165g04**	BP095337	MXL040b07			12.7	8.9	12.2	0.7	0.2	0.8	0.4
9196	**154e11**	AV631013	LCL087f04			12.3	9.8	12.5	0.8	0.1	0.8	0.2
9197	**145e03**	AV626717	LCL014c01			31.3	28.2	38.0	0.9	0.2	0.8	0.2
9198	**015c05**	AV640880	HCL024a07			49.4	41.3	59.3	0.9	0.1	0.8	0.3
9199	**126a02**	AV640904	HCL024d08			30.1	26.6	40.2	0.9	0.2	0.8	0.3

	A	B	C	D	E	F	G	H	I	J	K	L
9200	**148e10**	AV628077	LCL036d02			13.4	14.7	18.9	1.2	0.5	0.8	0.1
9201	**130c08**	AV643341	HCL067h07			17.0	8.6	11.0	0.5	0.1	0.8	0.2
9202	**014e08**	AV640126	HCL010g12			6.6	5.6	7.3	0.9	0.3	0.8	0.3
9203	**017d07**	AV643209	HCL065f08			18.5	23.6	31.1	1.3	0.0	0.8	0.2
9204	**033f08**	BP094693	MXL027f01			7.3	5.7	7.2	0.8	0.1	0.8	0.2
9205	**015b01**	AV640724	HCL021c12			24.7	26.2	44.0	1.3	0.5	0.8	0.4
9206	**141h01**	AV624780	LC082f04			7.0	4.9	6.3	0.7	0.2	0.8	0.1
9207	**128d01**	AV642305	HCL049d08			25.0	8.9	12.3	0.4	0.0	0.8	0.4
9208	**145h05**	AV626887	LCL017d10			7.4	5.7	7.3	0.8	0.1	0.8	0.1
9209	**150e07**	AV629045	LCL050h05			24.6	19.0	26.1	0.8	0.1	0.8	0.2
9210	**128h10**	AV642610	HCL054f10			26.2	22.4	34.9	0.9	0.1	0.8	0.4
9211	**123g08**	AV639796	HCL005b08			12.4	10.8	14.0	0.9	0.0	0.8	0.2
9212	**030b11**	AV631459	LCL094d10			6.2	2.1	2.6	0.3	0.2	0.8	0.1
9213	**152b12**	AV629836	LCL067c01			31.7	24.9	34.6	0.8	0.0	0.8	0.3
9214	**165h01**	BP095356	MXL040e05			9.7	8.9	16.7	0.8	0.6	0.8	0.8
9215	**169f02**	BP097050	MXL069c02			16.7	13.5	21.0	0.8	0.4	0.8	0.6
9216	**123f01**	AV639650	HCL002d08			20.8	17.8	23.0	0.9	0.1	0.8	0.0
9217	**013b02**	AV637999	HC080d11			11.9	11.9	16.3	1.0	0.3	0.8	0.2
9218	**167d03**	BP096010	MXL051a05			25.9	19.7	25.7	0.8	0.1	0.8	0.2
9219	**113h09**	AV388452	CM071g08			174.9	184.5	236.4	1.1	0.2	0.8	0.1
9220	**026g11**	AV628563	LCL043g09			3.0	2.2	2.9	0.7	0.1	0.8	0.3
9221	**128h05**	AV642578	HCL054b08			11.2	10.8	16.4	1.0	0.2	0.8	0.4
9222	**156f06**	BP086249	MX005a02			5.7	5.3	7.5	1.0	0.3	0.8	0.3
9223	**143c01**	AV625633	LC095g01			5.7	4.5	5.8	0.8	0.1	0.8	0.1
9224	**031d02**	BP086787	MX016g07			6.4	7.5	9.8	1.2	0.1	0.8	0.2
9225	**165h11**	BP095400	MXL041c04			4.1	4.4	7.8	1.0	0.4	0.8	0.7
9226	**167h11**	BP096255	MXL055e04			3.9	3.4	5.4	0.9	0.4	0.8	0.6
9227	**110f06**	AV389654	CM038g08			29.1	17.7	22.5	0.6	0.2	0.8	0.1
9228	**169h12**	BP097191	MXL071e08			5.5	4.6	7.0	0.8	0.2	0.8	0.6
9229	**144h03**	AV626421	LCL008g08			62.2	46.9	66.0	0.8	0.0	0.8	0.2
9230	**152e05**	AV630011	LCL071a01			25.7	20.8	26.5	0.9	0.2	0.8	0.1
9231	**102d07**	AV394273	CL22b10			7.3	5.9	7.7	0.9	0.3	0.8	0.1
9232	**161h12**	BP093394	MXL007g10			14.8	11.5	14.9	0.7	0.2	0.8	0.5
9233	**012g11**	AV637421	HC073a01			50.1	27.9	42.9	0.6	0.3	0.8	0.6
9234	**015f09**	AV641307	HCL031d06			3.9	4.8	6.1	1.2	0.6	0.8	0.4
9235	**145a08**	AV626470	LCL009f08			19.5	14.7	19.0	0.8	0.1	0.8	0.0
9236	**019h04**	AV620332	LC020f11			12.2	8.4	12.2	0.7	0.3	0.8	0.4
9237	**147b06**	AV627407	LCL026c08			7.8	5.4	7.1	0.7	0.2	0.8	0.1
9238	**161c08**	BP093046	MXL002f02			8.9	10.1	13.9	1.1	0.2	0.8	0.1
9239	**110a01**	AV388710	CM031e06			4.6	8.0	11.1	1.9	0.6	0.8	0.3
9240	**126a01**	AV640898	HCL024d01			13.0	10.0	13.2	0.8	0.1	0.8	0.2
9241	**105b03**	AV396202	CL58b06			10.8	13.6	17.6	1.4	0.5	0.8	0.1
9242	**154g05**	AV631123	LCL089c01			18.7	16.3	20.8	0.9	0.0	0.8	0.0
9243	**168d10**	BP096517	MXL060a03			17.2	12.9	16.6	0.8	0.1	0.8	0.1
9244	**118f10**	AV634058	HC028f11			6.2	4.8	6.3	0.8	0.0	0.8	0.2
9245	**165h05**	BP095382	MXL040h11			4.1	3.1	4.2	0.8	0.6	0.8	0.6
9246	**115a12**	AV390367	CM084a01			52.5	36.6	48.2	0.8	0.4	0.8	0.2
9247	**121b04**	AV636855	HC065b08			22.4	19.0	27.6	0.9	0.2	0.8	0.3
9248	**119f10**	AV635290	HC044d10			12.3	9.6	13.5	0.8	0.3	0.8	0.3
9249	**169h04**	BP097148	MXL070h06			72.7	53.6	68.9	0.7	0.2	0.8	0.3
9250	**170h11**	BP097664	MXL079c05			7.2	6.4	11.0	0.9	0.6	0.8	0.6
9251	**107b07**	AV386818	CM007d06			17.6	13.8	17.6	0.8	0.0	0.8	0.1
9252	**133e06**	AV645079	HCL098a02			12.6	11.7	15.5	0.9	0.1	0.8	0.1
9253	**126g04**	AV641448	HCL033g11			22.0	17.9	23.9	0.8	0.1	0.8	0.2
9254	**146d05**	AV627082	LCL020g10			24.4	24.3	33.9	1.2	0.5	0.8	0.2
9255	**148f01**	AV628093	LCL036e12			143.7	116.5	158.7	0.8	0.0	0.8	0.2
9256	**007e10**	AV391916	CM057d06			82.7	53.8	69.7	0.7	0.0	0.8	0.1
9257	**125c06**	AV640523	HCL017g08			18.1	18.5	24.1	1.0	0.2	0.8	0.1
9258	**147g04**	AV627670	LCL030c12			27.4	22.6	31.0	0.8	0.1	0.8	0.2
9259	**122a05**	AV637784	HC077d12			14.3	13.0	18.2	0.9	0.1	0.8	0.2
9260	**150d08**	AV628993	LCL050a12			20.0	17.4	25.8	0.9	0.1	0.8	0.3
9261	**148e02**	AV628032	LCL035g02			22.4	15.0	20.2	0.7	0.1	0.8	0.3
9262	**018g06**	AV619091	LC003f08			10.8	15.2	19.3	1.4	0.3	0.8	0.5
9263	**026e12**	AV628439	LCL041h04			13.9	16.6	21.3	1.2	0.1	0.8	0.1
9264	**120f11**	AV636313	HC057h03			20.9	16.8	26.3	0.9	0.3	0.8	0.4
9265	**031a09**	BP086449	MX009b01			8.3	9.4	12.2	1.1	0.3	0.8	0.2
9266	**127g12**	AV642013	HCL043h08			21.5	18.1	29.1	0.8	0.1	0.8	0.4
9267	**116h12**	AV632050	HC003c07			15.9	12.9	21.0	0.8	0.3	0.8	0.5
9268	**003a12**	AV396177	CL54c09			10.5	9.4	12.1	1.5	1.0	0.8	0.1
9269	**118g05**	AV634168	HC030b01			2.5	2.7	3.5	1.1	0.2	0.8	0.1
9270	**123f07**	AV639680	HCL003a03			24.4	18.1	27.1	0.7	0.1	0.8	0.4
9271	**131e08**	AV644171	HCL083c07			16.9	12.9	19.1	0.8	0.1	0.8	0.4
9272	**008d11**	AV387664	CM069f06			41.2	29.2	38.2	0.7	0.1	0.8	0.1
9273	**149h09**	AV628722	LCL046b09			15.3	13.8	17.1	0.9	0.5	0.8	0.4
9274	**016b07**	AV641734	HCL039e05			12.0	8.8	11.4	0.8	0.3	0.8	0.1
9275	**014f10**	AV640320	HCL014c04			22.4	15.8	24.8	0.7	0.4	0.8	0.5
9276	**136d08**	AV620689	LC025e07			10.0	8.8	11.5	0.9	0.1	0.8	0.1
9277	**009g08**	AV392992	CM099a03			11.4	12.2	15.8	1.1	0.2	0.8	0.1
9278	**172f07**	BP098471	MXL093g12			22.1	16.6	23.3	0.9	0.6	0.8	0.3
9279	**106c11**	AV397219	CL78b06			12.7	12.2	18.9	0.9	0.2	0.8	0.3
9280	**161d02**	BP093089	MXL003c02			12.5	10.0	13.0	0.8	0.1	0.8	0.2
9281	**152h12**	AV630258	LCL076c01			8.9	10.2	14.1	1.1	0.3	0.8	0.5
9282	**154d02**	AV630929	LCL086e01			12.3	7.9	10.8	0.7	0.2	0.8	0.2
9283	**031b04**	BP086546	MX011b09			11.8	8.1	10.6	0.7	0.2	0.8	0.2
9284	**024e11**	AV626648	LCL012h12			10.7	7.8	10.5	0.7	0.1	0.8	0.3
9285	**122f09**	AV638689	HC089e02			12.8	14.6	18.7	1.2	0.4	0.8	0.1
9286	**031e11**	BP087043	MX023g03			24.0	16.9	24.7	0.8	0.3	0.8	0.3
9287	**151h09**	AV629729	LCL064g07			8.5	5.7	7.3	0.7	0.1	0.8	0.1
9288	**011e08**	AV635114	HC042a07			8.5	7.7	10.3	0.9	0.3	0.8	0.4
9289	**116d06**	AV392995	CM099a09			8.4	6.0	8.4	0.7	0.1	0.8	0.3
9290	**116e05**	AV392771	CM099h09			35.2	23.0	32.1	0.7	0.2	0.8	0.4
9291	**128d06**	AV642348	HCL050b12			12.0	10.8	14.1	0.9	0.1	0.8	0.2
9292	**164g08**	BP094916	MXL032d07			309.6	340.1	428.3	1.2	0.7	0.8	0.2
9293	**157h05**	BP087245	MX028h06			8.0	8.0	12.9	1.0	0.2	0.8	0.5
9294	**029a10**	AV630555	LCL080f07			28.4	21.4	33.4	0.7	0.1	0.8	0.3
9295	**103b02**	AV395044	CL31h01			10.3	13.3	17.3	1.8	1.2	0.8	0.1
9296	**150g10**	AV629161	LCL053d03			11.9	14.2	18.6	1.2	0.1	0.8	0.1
9297	**030d03**	AV631587	LCL096e08			2.6	1.4	2.0	0.5	0.2	0.8	0.4
9298	**024d04**	AV626522	LCL010e09			16.2	17.4	22.6	1.1	0.2	0.8	0.1
9299	**162d11**	BP093718	MXL012e06			47.6	30.1	42.7	0.6	0.3	0.8	0.4
9300	**033b09**	BP094156	MXL018h05			11.0	11.4	14.8	1.1	0.3	0.8	0.2
9301	**125h12**	AV640866	HCL023g06			17.7	15.4	22.8	0.9	0.2	0.8	0.3
9302	**036b10**	BP097903	MXL083c02			12.3	7.3	9.6	0.6	0.1	0.8	0.2
9303	**008f09**	AV389149	CM074f09			7.3	4.6	6.0	0.6	0.0	0.8	0.1
9304	**113h08**	AV388399	CM071g04			16.6	14.9	21.7	0.9	0.0	0.8	0.3
9305	**115d12**	AV390944	CM088e01			10.5	7.2	13.5	0.7	0.3	0.8	0.5
9306	**164h10**	BP094988	MXL033h07			10.8	13.2	19.9	1.1	0.7	0.8	0.7

	A	B	C	D	E	F	G	H	I	J	K	L
9307	**123a08**	AV639152	HC095f06			12.9	11.4	15.5	0.9	0.2	0.8	0.2
9308	**015b09**	AV640761	HCL022a01			10.0	8.8	12.8	1.0	0.4	0.8	0.4
9309	**153a11**	AV630312	LCL077a10			61.2	49.2	75.2	0.8	0.1	0.8	0.3
9310	**131f02**	AV644195	HCL083f11			16.7	15.3	20.8	0.9	0.1	0.8	0.2
9311	**126d09**	AV641262	HCL030g02			13.4	11.8	15.6	0.9	0.1	0.8	0.1
9312	**102d03**	AV394386	CL21h09			14.4	15.2	20.1	1.1	0.1	0.8	0.1
9313	**151e04**	AV629537	LCL060e06			23.4	22.3	30.0	0.9	0.1	0.8	0.3
9314	**131c02**	AV643969	HCL079d01			6.2	5.6	7.3	0.9	0.1	0.8	0.1
9315	**133c07**	AV644996	HCL096g04			31.3	25.6	36.0	0.8	0.0	0.8	0.2
9316	**125c04**	AV640510	HCL017f02			10.4	10.4	13.8	1.0	0.2	0.8	0.1
9317	**014c06**	AV639886	HCL006f11			29.8	22.3	30.3	0.7	0.1	0.8	0.3
9318	**148f07**	AV628127	LCL037b08			13.5	11.4	16.0	0.8	0.1	0.8	0.3
9319	**028b08**	AV629691	LCL063h02			18.2	21.1	27.8	1.2	0.5	0.8	0.2
9320	**154f01**	AV631027	LCL087g08			31.8	24.0	32.4	0.8	0.0	0.8	0.2
9321	**029g10**	AV631111	LCL089a03			14.4	11.1	21.1	0.8	0.1	0.8	0.5
9322	**127h10**	AV642074	HCL045b02			19.7	19.3	26.0	1.0	0.1	0.8	0.3
9323	**036a09**	BP097731	MXL080d05			21.4	14.8	21.0	0.7	0.1	0.8	0.4
9324	**136f08**	BP383788	LC027b06			8.2	6.4	8.2	0.8	0.2	0.8	0.1
9325	**015f10**	AV641320	HCL031e11			8.2	6.6	8.6	0.8	0.1	0.8	0.1
9326	**003f07**	AV396865	CL70f10			4.6	3.2	4.5	0.7	0.3	0.8	0.4
9327	**169e04**	BP096999	MXL068e01			4.4	4.9	6.8	1.1	0.2	0.8	0.4
9328	**126f06**	AV641378	HCL032e11			6.1	4.8	6.3	0.8	0.1	0.8	0.1
9329	**036g10**	BP098722	MXL098a04			22.0	22.0	29.1	1.1	0.3	0.8	0.1
9330	**011b12**	AV634481	HC033h12			6.9	3.9	5.4	0.6	0.1	0.8	0.2
9331	**172d09**	BP098368	MXL092c12			30.2	25.9	34.0	0.9	0.2	0.8	0.0
9332	**150b06**	AV628891	LCL048e08			43.2	22.0	27.6	0.5	0.2	0.8	0.3
9333	**169f11**	BP097085	MXL069g06			45.8	26.5	34.5	0.6	0.0	0.8	0.0
9334	**104g10**	AV396159	CL54c06			7.5	5.6	7.3	0.8	0.1	0.8	0.2
9335	**110b01**	AV388870	CM033d09			11.1	10.4	13.7	1.0	0.2	0.8	0.1
9336	**153c06**	AV630414	LCL078e07			20.4	15.4	20.2	0.8	0.2	0.8	0.1
9337	**126a06**	AV640964	HCL025d11			26.8	20.0	28.7	0.8	0.1	0.8	0.3
9338	**152e08**	AV630020	LCL071b12			14.5	15.2	20.9	1.1	0.0	0.8	0.2
9339	**110b06**	AV388941	CM033g08			16.8	14.2	18.6	0.8	0.1	0.8	0.1
9340	**144h09**	AV626434	LCL009a01			17.3	15.2	20.2	0.9	0.1	0.8	0.1
9341	**149b11**	AV628390	LCL041a10			16.7	16.4	21.7	1.1	0.4	0.8	0.1
9342	**108e02**	AV387362	CM019e11			11.5	7.9	10.5	0.8	0.3	0.8	0.1
9343	**150d10**	AV629002	LCL050b10			18.1	16.1	24.0	0.9	0.1	0.8	0.3
9344	**028h12**	AV630421	LCL078f04			18.4	16.4	25.6	0.9	0.1	0.8	0.4
9345	**164h04**	BP094968	MXL033e08			5.2	4.2	7.1	0.8	0.3	0.8	0.6
9346	**114g09**	AV389936	CM081b02			128.3	94.8	123.5	0.7	0.2	0.8	0.1
9347	**110a04**	AV388752	CM031h09			12.4	14.8	26.6	1.2	0.4	0.8	0.6
9348	**124b02**	AV639976	HCL008b10			35.7	25.7	33.6	0.7	0.1	0.8	0.1
9349	**115h09**	AV391767	CM093e04			78.4	41.1	53.0	0.5	0.1	0.8	0.1
9350	**144e07**	AV626275	LCL005f07			15.8	13.9	19.1	0.9	0.1	0.8	0.2
9351	**153g03**	AV630626	LCL081g04			32.7	26.1	35.3	0.8	0.1	0.8	0.2
9352	**153h06**	AV630708	LCL083a05			12.2	9.0	12.6	0.7	0.1	0.8	0.2
9353	**169h02**	BP097138	MXL070g01			11.6	9.1	15.2	0.8	0.2	0.8	0.5
9354	**153c10**	AV630443	LCL078h09			16.6	11.5	15.7	0.8	0.2	0.8	0.2
9355	**016d11**	AV642191	HCL047b08			1.1	1.1	1.5	1.1	0.3	0.8	0.2
9356	**003d10**	AV396540	CL63e11			6.0	8.3	10.9	1.4	0.2	0.8	0.1
9357	**157h06**	BP087254	MX029b05			39.0	23.6	31.0	0.6	0.2	0.8	0.1
9358	**123e07**	AV639619	HCL002a04			34.8	29.7	41.6	0.9	0.2	0.8	0.2
9359	**126b05**	AV641048	HCL026h02			15.0	13.1	17.4	0.9	0.0	0.8	0.1
9360	**129b02**	AV642663	HCL055f06			13.5	11.5	15.9	0.9	0.2	0.8	0.3
9361	**026h12**	AV628708	LCL046a03			5.8	4.2	5.6	0.7	0.1	0.8	0.2
9362	**008c05**	AV393197	CM068b06			36.6	26.8	34.5	0.7	0.3	0.8	0.4
9363	**170e08**	BP097457	MXL076a08			11.2	7.9	11.8	0.7	0.1	0.8	0.4
9364	**127g06**	AV641991	HCL043e08			8.7	7.3	9.7	0.8	0.1	0.8	0.1
9365	**125b09**	AV640468	HCL016h01			15.0	12.7	18.1	0.9	0.0	0.8	0.2
9366	**136h04**	AV620965	LC029c10			17.4	17.1	33.2	1.0	0.1	0.8	0.5
9367	**033h10**	BP095113	MXL036a10			3.9	4.4	6.0	1.2	0.3	0.8	0.3
9368	**148d06**	AV627997	LCL035b03			30.3	21.1	28.3	0.7	0.1	0.8	0.2
9369	**146d07**	AV627092	LCL021a03			30.0	20.2	26.7	0.7	0.1	0.8	0.1
9370	**165h12**	BP095404	MXL041c08			7.6	4.6	6.9	0.6	0.3	0.8	0.6
9371	**172h04**	BP098559	MXL095d10			9.3	8.2	12.5	0.9	0.3	0.8	0.5
9372	**133d02**	AV645034	HCL097c05			11.7	10.0	13.2	0.9	0.2	0.8	0.1
9373	**148c09**	AV627954	LCL034d09			22.3	18.1	24.3	0.8	0.1	0.8	0.1
9374	**009d01**	AV391058	CM088f03			12.8	8.8	11.8	0.8	0.4	0.8	0.2
9375	**127h04**	AV642040	HCL044d01			43.2	33.1	57.5	0.8	0.2	0.8	0.4
9376	**171h09**	BP098158	MXL088d08			14.0	8.3	22.9	0.6	0.5	0.8	0.8
9377	**153h07**	AV630710	LCL083a07			3.9	3.3	4.5	0.9	0.4	0.8	0.2
9378	**117d07**	AV632645	HC010g08			10.6	9.0	12.1	0.9	0.2	0.8	0.1
9379	**117g10**	AV633152	HC017d05			96.5	73.5	96.9	0.8	0.1	0.8	0.0
9380	**171f09**	BP098035	MXL085f08			8.2	5.5	8.0	0.7	0.3	0.8	0.5
9381	**164d07**	BP094743	MXL028f03			9.4	6.0	7.8	0.6	0.2	0.8	0.1
9382	**007c07**	AV391392	CM053g11			53.0	63.2	87.6	1.2	0.3	0.8	0.2
9383	**127c09**	AV641741	HCL039f06			17.7	16.0	21.2	0.9	0.1	0.8	0.2
9384	**168g02**	BP096673	MXL062h01			5.9	4.3	7.0	0.7	0.4	0.8	0.5
9385	**125d09**	AV640620	HCL019d02			10.3	8.1	10.9	0.8	0.2	0.8	0.1
9386	**121c11**	AV637026	HC067f03			11.4	7.5	10.0	0.7	0.1	0.8	0.1
9387	**036g07**	BP098674	MXL097c02			41.8	31.2	44.9	0.7	0.1	0.8	0.2
9388	**129d05**	AV642831	HCL058h06			14.5	13.3	18.4	0.9	0.1	0.8	0.2
9389	**124e12**	AV640199	HCL012a08			14.0	11.2	15.1	0.8	0.1	0.8	0.1
9390	**113h02**	AV388340	CM070h05			73.1	45.4	61.8	0.6	0.1	0.8	0.2
9391	**146b11**	AV627023	LCL020a01			19.9	19.8	26.3	1.0	0.1	0.8	0.1
9392	**125a08**	AV640408	HCL015g05			8.0	6.4	8.8	0.8	0.1	0.8	0.2
9393	**150c11**	AV628943	LCL049d01			23.1	16.8	22.1	0.8	0.3	0.8	0.1
9394	**114b02**	AV388997	CM073f02			26.8	16.1	22.8	0.7	0.5	0.8	0.4
9395	**148g12**	AV628210	LCL038e05			71.9	46.1	63.7	0.6	0.0	0.8	0.2
9396	**154f05**	AV631060	LCL088c03			11.7	9.2	11.9	0.8	0.2	0.8	0.1
9397	**161e11**	BP093219	MXL005b11			30.7	30.7	42.6	1.1	0.4	0.8	0.2
9398	**029e05**	AV630910	LCL086b11			15.7	12.6	17.0	0.8	0.1	0.8	0.2
9399	**155f08**	AV631537	LCL095h04			14.6	9.7	14.8	0.7	0.3	0.8	0.5
9400	**007g08**	AV392280	CM060d10			8.9	8.8	11.7	1.0	0.2	0.8	0.1
9401	**160h06**	BP089389	MX206d03			10.3	9.0	12.2	0.9	0.5	0.8	0.4
9402	**023g10**	AV626104	LCL002d09			17.8	13.9	22.2	0.8	0.1	0.8	0.3
9403	**131d02**	BP383749	HCL081c06			23.6	17.7	23.8	0.8	0.1	0.8	0.1
9404	**107d09**	AV397636	CM009f08			17.6	16.8	22.5	1.0	0.2	0.8	0.1
9405	**162d12**	BP093726	MXL012g01			16.0	14.8	19.6	0.9	0.1	0.8	0.1
9406	**131b08**	AV643904	HCL078b09			24.6	23.0	30.7	0.9	0.2	0.8	0.3
9407	**142f02**	AV625271	LC090c02			27.1	18.0	23.7	0.7	0.2	0.8	0.2
9408	**118g08**	AV634224	HC030g03			6.0	4.3	5.7	0.7	0.2	0.8	0.1
9409	**127g05**	AV641990	HCL043e07			7.5	6.2	8.3	0.8	0.1	0.8	0.1
9410	**129b03**	AV642674	HCL055h02			15.7	14.5	19.2	0.9	0.1	0.8	0.0
9411	**003b10**	AV396277	CL57a01			5.2	4.1	8.7	0.9	0.4	0.8	0.6
9412	**171e05**	BP097967	MXL084d05			9.3	8.6	11.8	0.9	0.1	0.8	0.3
9413	**157g06**	BP087147	MX026f12			140.4	160.8	216.2	1.2	0.2	0.8	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
9414	**101a11**	AV393347	CL01e10			7.1	7.7	15.0	1.3	0.4	0.8	0.7
9415	**125g10**	AV640801	HCL022f10			32.4	28.5	41.4	0.9	0.0	0.8	0.3
9416	**151g07**	AV629655	LCL062g04			19.2	14.3	18.7	0.7	0.1	0.8	0.1
9417	**123b10**	AV639347	HC098c01			50.7	33.5	45.4	0.7	0.0	0.8	0.2
9418	**145f05**	AV626787	LCL015d08			12.6	10.8	14.3	0.9	0.2	0.8	0.1
9419	**109c06**	AV388087	CM025b07			63.3	32.2	42.2	0.5	0.0	0.8	0.1
9420	**026d03**	AV628303	LCL039g09			11.6	8.7	11.5	0.8	0.2	0.8	0.1
9421	**168g04**	BP096676	MXL062h04			7.0	3.9	5.4	0.6	0.2	0.8	0.2
9422	**161d12**	BP098871	MXL100e05			6.4	6.0	8.1	1.0	0.2	0.8	0.1
9423	**024c09**	AV626483	LCL009h12			22.7	18.4	31.3	0.8	0.2	0.8	0.5
9424	**003g08**	AV396473	CL74f09			18.0	16.2	21.7	0.9	0.1	0.8	0.1
9425	**102f08**	AV394547	CL25h11			11.4	9.7	13.7	0.9	0.1	0.8	0.2
9426	**169e11**	BP097028	MXL068h05			16.4	15.2	20.6	0.9	0.1	0.8	0.3
9427	**131d07**	AV644096	HCL081g04			15.5	11.7	15.7	0.8	0.0	0.8	0.1
9428	**007g10**	AV392335	CM060h05			7.6	7.8	10.2	1.0	0.2	0.8	0.2
9429	**126b12**	AV641077	HCL027d04			19.7	17.9	25.4	0.9	0.1	0.8	0.3
9430	**012d01**	AV636571	HC061c06			3.5	4.4	5.8	1.3	0.3	0.8	0.1
9431	**170d11**	BP097423	MXL075e01			27.6	23.8	31.8	0.9	0.2	0.8	0.2
9432	**158g09**	BP087698	MX041f11			99.1	84.6	112.8	0.9	0.2	0.8	0.0
9433	**147e02**	AV627558	LCL028e05			28.7	22.7	30.2	0.8	0.0	0.8	0.1
9434	**138f06**	AV622454	LC049h12			6.6	9.5	13.1	1.4	0.1	0.8	0.2
9435	**115f12**	AV391325	CM090d02			8.2	5.4	7.9	0.7	0.1	0.8	0.3
9436	**139b10**	AV622879	LC055h11			8.6	6.7	8.8	0.8	0.1	0.8	0.3
9437	**149f07**	AV628562	LCL043g08			26.1	19.1	26.6	0.7	0.1	0.8	0.2
9438	**125e01**	AV640639	HCL019f05			18.6	15.5	20.9	0.8	0.1	0.8	0.1
9439	**113g04**	AV389370	CM070c07			80.4	65.8	89.5	0.8	0.1	0.8	0.1
9440	**015g11**	AV641436	HCL033e11			4.4	3.5	4.7	0.8	0.2	0.8	0.2
9441	**013h10**	AV639637	HCL002c02			8.4	6.3	9.1	0.7	0.2	0.8	0.4
9442	**034c08**	BP095585	MXL044b10			16.5	11.0	14.8	0.7	0.1	0.8	0.2
9443	**127f08**	AV641939	HCL042g08			33.4	28.1	36.8	0.8	0.2	0.8	0.2
9444	**012d06**	AV636766	HC063h07			6.0	9.3	12.5	1.5	0.6	0.8	0.3
9445	**012h11**	AV637694	HC076d01			4.5	4.3	5.5	1.0	0.2	0.8	0.2
9446	**145g07**	AV626853	LCL016g01			20.1	19.2	26.7	1.0	0.1	0.8	0.2
9447	**131d08**	AV644102	HCL081h02			15.9	11.9	15.7	0.7	0.1	0.8	0.1
9448	**168d02**	BP096451	MXL058h12			4.4	3.5	4.7	0.8	0.3	0.8	0.2
9449	**015d10**	AV641104	HCL027h02			8.5	6.3	8.4	0.7	0.2	0.8	0.3
9450	**157e04**	BP086961	MX021e07			4.8	5.0	6.8	1.1	0.1	0.8	0.2
9451	**169d07**	BP096968	MXL067h09			11.3	12.2	17.9	1.4	0.9	0.8	0.3
9452	**021d06**	AV622333	LC048c08			18.3	20.3	27.5	1.1	0.1	0.8	0.1
9453	**163e08**	BP094341	MXL021e05			5.9	8.6	11.9	1.6	0.5	0.8	0.2
9454	**028a09**	AV629580	LCL061c12			9.5	7.4	10.3	0.8	0.2	0.8	0.2
9455	**154g08**	AV631139	LCL089d09			14.9	21.1	28.5	1.4	0.1	0.8	0.3
9456	**035e01**	BP097039	MXL069a10			46.5	19.9	27.4	0.4	0.1	0.7	0.1
9457	**111b12**	AV390311	CM045b05			12.0	8.8	13.0	0.7	0.2	0.7	0.5
9458	**168h10**	BP096745	MXL064b07			4.3	13.0	18.0	2.8	1.6	0.7	0.6
9459	**145e06**	AV626725	LCL014d06			8.7	7.2	9.7	0.9	0.2	0.7	0.1
9460	**146h12**	AV627322	LCL025a02			8.1	7.7	10.3	0.9	0.1	0.7	0.3
9461	**132a08**	AV644423	HCL088c03			13.9	12.0	16.7	0.9	0.1	0.7	0.1
9462	**015b10**	AV640771	HCL022b06			6.2	5.6	7.6	0.9	0.3	0.7	0.3
9463	**028d08**	AV629937	LCL069d10			15.7	11.3	15.5	0.7	0.1	0.7	0.2
9464	**125d07**	AV640615	HCL019c04			57.5	50.7	67.9	0.9	0.1	0.7	0.1
9465	**170d10**	BP097419	MXL075d07			6.2	4.5	6.5	0.8	0.3	0.7	0.4
9466	**123h04**	AV639835	HCL005h03			11.4	8.5	13.2	0.8	0.1	0.7	0.4
9467	**161e12**	BP093220	MXL005b12			17.6	14.8	20.6	0.8	0.1	0.7	0.3
9468	**033c11**	BP094298	MXL020g07			26.0	16.4	22.5	0.6	0.1	0.7	0.1
9469	**112a04**	AV391356	CM053d08			12.0	15.1	22.3	1.4	0.5	0.7	0.3
9470	**105g12**	AV396779	CL69d07			17.4	15.4	26.8	0.9	0.2	0.7	0.4
9471	**151f03**	AV629594	LCL061f03			52.5	45.1	64.3	0.9	0.2	0.7	0.2
9472	**128a03**	AV642113	HCL045g12			11.8	9.6	13.4	0.8	0.1	0.7	0.2
9473	**171d01**	BP097869	MXL082f10			4.7	4.4	6.0	1.0	0.0	0.7	0.1
9474	**006h10**	AV390740	CM047f09			6.6	5.8	8.1	0.8	0.4	0.7	0.5
9475	**120e08**	AV636112	HC055c09			8.3	5.5	7.4	0.7	0.0	0.7	0.1
9476	**028f06**	AV630186	LCL075a04			8.2	6.6	8.9	0.9	0.3	0.7	0.1
9477	**027e07**	AV629253	LCL055c10			2.1	11.3	16.9	5.6	2.1	0.7	0.2
9478	**161h03**	BP093365	MXL007d10			14.9	13.5	22.2	0.9	0.3	0.7	0.6
9479	**015c06**	AV640910	HCL024e08			5.0	5.5	7.3	1.1	0.2	0.7	0.3
9480	**146d01**	AV627073	LCL020f09			19.0	12.4	19.2	0.7	0.0	0.7	0.4
9481	**002h11**	AV395883	CL52b08			10.4	7.7	10.1	0.7	0.2	0.7	0.2
9482	**165e12**	BP095267	MXL039b03			8.1	9.5	12.9	1.2	0.3	0.7	0.2
9483	**152f07**	AV630052	LCL072a11			22.3	15.9	23.6	0.7	0.1	0.7	0.3
9484	**028d03**	AV629888	LCL068d06			2.8	1.3	2.0	0.5	0.2	0.7	0.4
9485	**171h03**	BP098136	MXL087h10			218.9	241.8	325.8	1.1	0.2	0.7	0.1
9486	**149e09**	AV628530	LCL043d02			6.9	6.1	8.4	0.9	0.1	0.7	0.3
9487	**153b11**	AV630379	LCL078a07			27.2	23.6	33.9	0.9	0.4	0.7	0.2
9488	**126d05**	AV641247	HCL030d11			32.0	27.5	45.1	0.9	0.3	0.7	0.3
9489	**124e03**	AV640162	HCL011e01			8.9	8.1	10.9	0.9	0.2	0.7	0.1
9490	**133f11**	AV645153	HCL098h05			33.1	27.5	46.4	0.8	0.1	0.7	0.4
9491	**036e05**	BP097958	MXL084b06			19.4	15.5	22.9	0.8	0.2	0.7	0.3
9492	**126e03**	AV641288	HCL031b01			15.2	11.4	16.0	0.8	0.2	0.7	0.2
9493	**027g01**	AV629370	LCL057e07			6.2	2.8	3.8	0.4	0.1	0.7	0.3
9494	**154d05**	AV630949	LCL086g06			25.1	20.4	29.5	0.8	0.0	0.7	0.2
9495	**009g07**	AV392670	CM098h12			28.3	26.2	42.2	0.9	0.1	0.7	0.4
9496	**148h03**	AV628223	LCL038f09			10.9	9.1	12.3	0.8	0.1	0.7	0.1
9497	**108f11**	AV387954	CM021c08			98.6	91.8	121.8	0.9	0.3	0.7	0.2
9498	**111g03**	AV391082	CM050h04			6.1	7.2	9.8	1.2	0.2	0.7	0.1
9499	**149g03**	AV628621	LCL044f05			22.2	17.1	23.7	0.8	0.1	0.7	0.2
9500	**164g10**	BP094943	MXL033a04			6.3	4.2	7.6	0.6	0.3	0.7	0.7
9501	**146h07**	AV627283	LCL024d02			4.3	3.0	4.1	0.7	0.2	0.7	0.1
9502	**168d04**	BP096472	MXL059c07			17.1	19.7	27.5	1.2	0.3	0.7	0.3
9503	**135a06**	AV619640	LC011b06			30.2	24.3	34.8	0.8	0.1	0.7	0.2
9504	**001h08**	AV394619	CL26h09			5.9	3.3	6.0	0.6	0.2	0.7	0.6
9505	**131g01**	AV644264	HCL085a07			19.9	15.6	21.0	0.8	0.2	0.7	0.1
9506	**155f05**	AV631516	LCL095d09			3.8	3.6	5.0	1.0	0.4	0.7	0.2
9507	**129d08**	AV642838	HCL059a07			47.9	36.8	49.5	0.8	0.0	0.7	0.0
9508	**023h12**	AV626242	LCL004h12			19.4	14.3	19.4	0.7	0.1	0.7	0.0
9509	**135f07**	AV620110	LC017f10			31.1	23.7	32.2	0.8	0.1	0.7	0.1
9510	**149e11**	AV628536	LCL043d11			21.6	19.7	26.5	0.9	0.1	0.7	0.1
9511	**103f07**	AV395343	CL40e05			9.1	8.0	12.3	0.9	0.1	0.7	0.3
9512	**114e03**	AV388011	CM077f06			19.0	19.8	26.9	1.0	0.2	0.7	0.1
9513	**118c04**	AV633638	HC023c09			10.2	5.8	7.9	0.7	0.3	0.7	0.1
9514	**152e10**	AV630024	LCL071d08			6.3	5.0	6.8	0.9	0.3	0.7	0.1
9515	**033d07**	BP094359	MXL021h07			5.0	5.3	7.2	1.1	0.3	0.7	0.1
9516	**148g07**	AV628182	LCL037h07			11.5	10.7	14.3	0.9	0.2	0.7	0.1
9517	**156e02**	BP086146	MX002g05			18.9	9.5	12.9	0.5	0.1	0.7	0.2
9518	**126g02**	AV641442	HCL033f09			17.3	15.5	21.0	0.9	0.1	0.7	0.1
9519	**166d06**	BP095622	MXL044g03			12.7	9.8	13.4	0.8	0.1	0.7	0.1
9520	**169g05**	BP097105	MXL070b03			6.7	5.5	9.4	0.8	0.1	0.7	0.6

	A	B	C	D	E	F	G	H	I	J	K	L
9521	**124d06**	AV640132	HCL011a01			12.1	9.7	13.4	0.8	0.1	0.7	0.1
9522	**172h07**	BP098562	MXL095e09			9.2	6.5	12.0	0.6	0.4	0.7	0.8
9523	**132e10**	AV644720	HCL092g11			81.0	55.4	88.2	0.7	0.1	0.7	0.4
9524	**119g11**	AV635493	HC047a06			14.9	10.2	14.6	0.7	0.1	0.7	0.4
9525	**169g02**	BP097092	MXL069h05			16.0	10.0	16.9	0.6	0.4	0.7	0.6
9526	**166h01**	BP095780	MXL047c09			10.0	6.9	9.9	0.7	0.4	0.7	0.6
9527	**004f01**	AV386973	CM010f06			7.5	6.8	10.3	0.9	0.3	0.7	0.3
9528	**141h08**	AV624813	LC083b01			35.0	16.2	24.6	0.5	0.2	0.7	0.2
9529	**151h05**	AV629714	LCL064c10			9.2	8.0	10.9	0.9	0.1	0.7	0.0
9530	**148g09**	AV628191	LCL038a12			20.6	16.5	21.7	0.8	0.1	0.7	0.1
9531	**167d11**	BP096056	MXL051g10			15.6	11.0	15.6	0.7	0.2	0.7	0.2
9532	**025e07**	AV627486	LCL027e01			8.8	6.9	10.0	0.8	0.2	0.7	0.3
9533	**131f09**	AV644245	HCL084f08			13.1	9.8	15.4	0.7	0.3	0.7	0.6
9534	**122h04**	AV638991	HC093e07			27.6	19.4	27.2	0.8	0.3	0.7	0.2
9535	**146e10**	AV627148	LCL021h04			7.5	7.1	10.4	1.0	0.3	0.7	0.3
9536	**127d03**	AV641763	HCL039h06			13.0	9.3	13.3	0.7	0.1	0.7	0.2
9537	**025b12**	AV627164	LCL022a12			19.8	14.4	21.9	0.7	0.1	0.7	0.3
9538	**169h09**	BP097168	MXL071b09			8.9	7.1	9.6	0.7	0.3	0.7	0.5
9539	**163h07**	BP094553	MXL024h02			3.8	2.7	6.3	0.6	0.5	0.7	0.8
9540	**132c01**	AV644551	HCL090d07			27.6	22.1	30.9	0.8	0.2	0.7	0.1
9541	**015d09**	AV641102	HCL027g10			4.8	5.0	6.8	1.1	0.2	0.7	0.1
9542	**138e06**	BP383797	LC048b11			7.9	9.8	14.0	1.3	0.4	0.7	0.2
9543	**006f10**	AV390277	CM045a02			11.6	9.1	15.0	0.8	0.3	0.7	0.4
9544	**024c03**	AV626440	LCL009b05			26.1	17.5	23.8	0.7	0.2	0.7	0.1
9545	**110e07**	AV389453	CM036g05			13.0	12.0	16.4	0.9	0.1	0.7	0.1
9546	**126h09**	AV641561	HCL036c10			11.2	9.4	12.9	0.8	0.1	0.7	0.2
9547	**152g11**	AV630166	LCL074f06			20.8	21.6	30.7	1.1	0.2	0.7	0.2
9548	**169d11**	BP096979	MXL068b05			9.3	7.4	10.6	0.9	0.4	0.7	0.3
9549	**104g02**	AV395949	CL53c03			9.0	10.3	15.5	1.2	0.4	0.7	0.3
9550	**157e05**	BP086992	MX022c12			12.4	8.4	12.2	0.7	0.2	0.7	0.3
9551	**169h07**	BP097155	MXL071a03			6.4	3.9	6.7	0.5	0.3	0.7	0.7
9552	**103b06**	AV394855	CL32c08			13.7	10.0	14.1	0.8	0.1	0.7	0.3
9553	**164e11**	BP094797	MXL029h01			26.0	24.4	33.9	0.9	0.2	0.7	0.0
9554	**021h07**	AV623047	LC058b12			29.4	25.8	35.0	0.9	0.1	0.7	0.1
9555	**033g09**	BP094928	MXL032f10			19.8	11.4	15.5	0.6	0.1	0.7	0.1
9556	**130c07**	AV643340	HCL067h06			11.1	8.9	12.9	0.8	0.0	0.7	0.2
9557	**161g11**	BP093340	MXL007b02			28.1	24.4	33.1	0.9	0.3	0.7	0.2
9558	**131a02**	BP383747	HCL076b04			29.8	25.0	36.6	0.9	0.2	0.7	0.2
9559	**035a11**	BP096555	MXL060f08			65.4	53.9	78.1	0.8	0.1	0.7	0.2
9560	**034b04**	BP095292	MXL039e01			21.4	15.2	20.6	0.8	0.3	0.7	0.1
9561	**153f06**	AV630577	LCL081a04			16.8	13.2	18.3	0.8	0.1	0.7	0.1
9562	**111e08**	AV390860	CM048e06			94.2	75.5	101.3	0.8	0.0	0.7	0.1
9563	**017d09**	AV643216	HCL065g07			41.2	31.8	48.2	0.8	0.1	0.7	0.2
9564	**028b12**	AV629756	LCL065d01			14.2	9.3	14.7	0.7	0.0	0.7	0.4
9565	**131h10**	BP383757	HCL087d10			19.5	15.5	24.3	0.8	0.1	0.7	0.3
9566	**146e02**	AV627115	LCL021c12			39.8	26.7	40.7	0.7	0.0	0.7	0.3
9567	**104c06**	AV395700	CL47a08			20.2	12.7	17.4	0.6	0.1	0.7	0.2
9568	**107e02**	BP383672	CM010b08			149.9	103.9	137.8	0.7	0.4	0.7	0.1
9569	**031c08**	BP086706	MX014h04			93.6	31.3	43.3	0.3	0.1	0.7	0.5
9570	**163d03**	BP094245	MXL020a10			31.1	25.8	36.8	0.8	0.1	0.7	0.1
9571	**103a11**	AV395039	CL31e01			4.4	5.7	10.3	1.3	0.1	0.7	0.6
9572	**124e04**	AV640163	HCL011e02			24.1	36.5	51.4	1.5	0.3	0.7	0.2
9573	**119d02**	AV634925	HC039g03			32.2	17.8	29.3	0.5	0.4	0.7	0.6
9574	**144c09**	AV626219	LCL004e06			20.2	15.9	22.6	0.8	0.0	0.7	0.2
9575	**029d05**	AV630808	LCL084e12			17.5	14.8	23.5	0.9	0.2	0.7	0.4
9576	**127f03**	AV641920	HCL042d12			25.8	22.5	30.7	0.9	0.1	0.7	0.1
9577	**141d08**	AV624464	LC078b03			5.5	33.6	44.2	6.8	4.4	0.7	0.2
9578	**036b05**	BP097829	MXL082a07			13.1	11.9	17.9	0.9	0.2	0.7	0.3
9579	**151g09**	AV629688	LCL063g09			22.0	16.9	23.3	0.8	0.1	0.7	0.0
9580	**032d06**	BP093235	MXL005d09			16.7	10.8	15.9	0.7	0.1	0.7	0.3
9581	**159h05**	BP088176	MX053d01			157.7	72.2	97.3	0.5	0.2	0.7	0.2
9582	**112e04**	AV391930	CM057f06			9.7	10.7	15.9	1.1	0.2	0.7	0.2
9583	**165d04**	BP095177	MXL037b12			12.9	10.0	14.5	0.8	0.2	0.7	0.2
9584	**134a08**	AV618930	LC001e05			11.4	9.0	12.4	0.8	0.1	0.7	0.1
9585	**111h12**	AV391302	CM053c09			18.5	15.6	22.3	0.8	0.1	0.7	0.3
9586	**162h06**	BP093990	MXL016f06			5.6	5.9	8.6	1.0	0.5	0.7	0.6
9587	**168g07**	BP096685	MXL063a10			4.3	2.4	4.2	0.6	0.4	0.7	0.6
9588	**147g05**	AV627671	LCL030d01			16.5	14.4	19.9	0.9	0.2	0.7	0.1
9589	**134f08**	AV619450	LC008e05			7.3	4.8	6.5	0.7	0.1	0.7	0.1
9590	**130c02**	AV643310	HCL067d03			50.4	46.7	68.3	0.9	0.1	0.7	0.2
9591	**116h01**	AV631960	HC002b11			18.3	12.8	17.5	0.7	0.2	0.7	0.1
9592	**128d08**	BP383727	HCL050d05			10.9	7.8	10.8	0.7	0.1	0.7	0.1
9593	**162f08**	BP093871	MXL015a01			33.3	24.1	39.4	0.7	0.1	0.7	0.3
9594	**130d07**	AV643445	HCL069g11			12.9	11.2	15.3	0.9	0.1	0.7	0.1
9595	**106g05**	AV386557	CM003b05			9.0	10.7	15.9	1.2	0.1	0.7	0.3
9596	**168h03**	BP096713	MXL063e10			31.6	28.3	45.5	0.9	0.3	0.7	0.5
9597	**141g07**	AV624736	LC081h08			7.3	5.2	7.1	0.7	0.1	0.7	0.0
9598	**104h05**	AV396066	CL55a05			32.1	26.1	36.4	0.8	0.1	0.7	0.2
9599	**167g09**	BP096196	MXL054d08			7.8	4.3	6.8	0.5	0.3	0.7	0.6
9600	**138g07**	AV622562	LC051c06			15.6	9.8	13.5	0.6	0.1	0.7	0.1
9601	**169g12**	BP097135	MXL070f09			10.1	20.7	29.3	2.1	0.5	0.7	0.1
9602	**126f10**	AV641390	HCL032g06			25.4	20.7	32.6	0.8	0.1	0.7	0.3
9603	**031d09**	BP086869	MX019b07			53.0	40.3	55.8	0.8	0.1	0.7	0.1
9604	**170d06**	BP097409	MXL075c02			10.5	7.8	10.8	0.7	0.1	0.7	0.1
9605	**024a03**	AV626267	LCL005e08			23.5	18.6	25.8	0.8	0.0	0.7	0.1
9606	**112b01**	AV391448	CM054e09			30.8	28.7	40.4	1.0	0.2	0.7	0.2
9607	**128c05**	AV642251	HCL048d02			15.5	13.0	19.0	0.8	0.1	0.7	0.2
9608	**011d12**	AV634913	HC039f02			17.6	8.9	12.8	0.5	0.0	0.7	0.2
9609	**166g11**	BP095767	MXL047b01			8.8	9.7	13.0	1.0	0.5	0.7	0.5
9610	**164h06**	BP094974	MXL033f06			4.7	3.6	5.4	0.7	0.3	0.7	0.5
9611	**114e12**	AV388590	CM078c09			10.0	7.1	9.9	0.7	0.1	0.7	0.2
9612	**025f10**	AV627717	LCL031a08			18.4	14.6	24.8	0.8	0.1	0.7	0.3
9613	**126h11**	AV641586	HCL036h01			25.7	17.5	32.8	0.7	0.1	0.7	0.5
9614	**146d08**	AV627094	LCL021a05			23.4	17.2	26.7	0.7	0.0	0.7	0.3
9615	**149g10**	AV628664	LCL045c10			19.9	15.4	21.8	0.8	0.1	0.7	0.3
9616	**153g04**	AV630629	LCL081g07			30.4	24.9	35.5	0.8	0.2	0.7	0.1
9617	**165h08**	BP095391	MXL041b03			9.0	6.8	10.4	0.6	0.3	0.7	0.7
9618	**148d10**	AV628022	LCL035e07			45.5	42.1	67.6	0.9	0.1	0.7	0.3
9619	**153c01**	AV630385	LCL078b02			23.5	16.7	23.3	0.7	0.1	0.7	0.1
9620	**127a03**	AV641602	HCL037b08			9.5	7.8	11.0	0.8	0.0	0.7	0.2
9621	**005e10**	AV387564	CM026c04			35.5	16.3	22.5	0.5	0.1	0.7	0.2
9622	**126c07**	AV641125	HCL028b08			22.1	18.4	26.0	0.8	0.1	0.7	0.1
9623	**156g06**	BP086333	MX006g04			7.9	5.7	8.5	0.7	0.3	0.7	0.3
9624	**006h06**	AV390647	CM047c03			24.4	14.5	20.1	0.6	0.1	0.7	0.1
9625	**002f10**	AV397807	CL45g10			8.9	4.6	6.5	0.5	0.1	0.7	0.2
9626	**166g04**	BP095741	MXL046f10			12.2	8.6	13.1	0.7	0.3	0.7	0.4
9627	**169e07**	BP097013	MXL068f11			17.4	8.2	11.4	0.5	0.1	0.7	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
9628	**155h02**	AV631632	LCL097c08			13.8	6.2	12.2	0.5	0.3	0.7	0.6
9629	**101b08**	AV397600	CL02f09			12.9	10.2	14.2	0.8	0.1	0.7	0.1
9630	**154f09**	AV631075	LCL088d09			18.0	17.7	24.8	1.0	0.1	0.7	0.1
9631	**163g11**	BP094515	MXL024c11			5.8	4.7	6.5	0.7	0.4	0.7	0.5
9632	**146d06**	AV627084	LCL020g12			63.5	50.9	74.5	0.8	0.1	0.7	0.1
9633	**133c04**	AV644992	HCL096f10			10.3	9.0	12.8	0.9	0.3	0.7	0.1
9634	**172g11**	BP098549	MXL095c02			17.9	11.9	16.1	0.6	0.3	0.7	0.4
9635	**137a02**	AV621097	LC031b10			8.7	5.6	7.8	0.7	0.1	0.7	0.1
9636	**104a01**	AV395559	CL43d08			5.8	10.2	15.6	1.8	0.3	0.7	0.3
9637	**101h05**	AV394021	CL16h07			283.5	182.4	289.8	0.6	0.0	0.7	0.3
9638	**147h08**	AV627759	LCL031f04			17.8	14.7	20.1	0.8	0.2	0.7	0.2
9639	**106b01**	AV397096	CL75b05			17.1	20.0	28.3	1.3	0.8	0.7	0.4
9640	**033b07**	BP094124	MXL018e03			78.3	44.6	59.2	0.6	0.3	0.7	0.2
9641	**146f06**	AV627173	LCL022b11			21.6	14.9	21.2	0.7	0.1	0.7	0.1
9642	**121g04**	AV637469	HC073e05			13.4	10.8	15.2	0.8	0.1	0.7	0.1
9643	**151b06**	AV629358	LCL057d01			12.7	10.4	15.3	0.8	0.1	0.7	0.2
9644	**133d10**	AV645060	HCL097f04			9.4	7.0	10.6	0.7	0.1	0.7	0.2
9645	**163e05**	BP094316	MXL021b04			23.4	20.2	33.8	0.9	0.1	0.7	0.3
9646	**115c10**	AV390157	CM086e02			741.9	476.3	670.8	0.7	0.4	0.7	0.3
9647	**148e04**	AV628052	LCL036a05			25.9	24.0	35.9	0.9	0.1	0.7	0.2
9648	**151f07**	AV629616	LCL062a06			6.7	5.4	7.7	0.8	0.2	0.7	0.1
9649	**114a11**	AV388827	CM073a08			47.1	59.8	88.7	1.3	0.1	0.7	0.3
9650	**168g09**	BP096701	MXL063d02			10.2	6.4	9.7	0.7	0.4	0.7	0.4
9651	**163d10**	BP094261	MXL020c04			25.5	13.6	20.4	0.6	0.1	0.7	0.3
9652	**133h06**	AV645277	HCL100e07			42.3	36.8	63.9	0.9	0.2	0.7	0.4
9653	**032b08**	BP093027	MXL002d02			17.3	9.5	14.4	0.5	0.1	0.7	0.4
9654	**015e08**	AV641164	HCL028h12			13.2	10.0	14.4	0.8	0.3	0.7	0.3
9655	**109c12**	AV388061	CM025d08			11.8	8.2	12.3	0.7	0.1	0.7	0.3
9656	**128a08**	AV642140	HCL046c08			12.0	10.4	16.0	0.9	0.2	0.7	0.3
9657	**034d08**	BP095743	MXL046g01			26.2	30.0	42.6	1.2	0.2	0.7	0.2
9658	**145h12**	AV626929	LCL018c05			9.8	6.3	10.4	0.7	0.2	0.7	0.4
9659	**002a10**	AV394738	CL30b03			4.0	3.5	5.3	0.9	0.2	0.7	0.3
9660	**164f05**	BP094830	MXL030e07			34.7	21.4	30.6	0.6	0.1	0.7	0.4
9661	**101b10**	AV393411	CL03a01			8.7	7.3	11.6	0.8	0.2	0.7	0.4
9662	**132c04**	AV644617	HCL091c09			29.6	24.7	37.2	0.8	0.1	0.7	0.2
9663	**021c10**	AV622184	LC046c06			130.4	97.3	135.8	0.8	0.2	0.7	0.2
9664	**124e10**	AV640195	HCL011h11			9.7	6.4	9.9	0.7	0.2	0.7	0.2
9665	**013f11**	AV639204	HC096c10			45.8	22.4	32.0	0.5	0.2	0.7	0.4
9666	**125g08**	AV640795	HCL022f03			17.3	13.5	19.3	0.8	0.0	0.7	0.2
9667	**160g09**	BP089284	MX204d06			23.1	14.4	23.9	0.8	0.6	0.7	0.5
9668	**121d08**	AV637128	HC069b01			11.6	8.6	11.9	0.7	0.1	0.7	0.1
9669	**161d03**	BP093101	MXL003d05			17.8	17.7	25.6	1.0	0.3	0.7	0.1
9670	**116a06**	AV391906	CM094e01			24.1	19.3	30.9	0.8	0.2	0.7	0.3
9671	**119f04**	AV635252	HC043h05			53.1	34.9	49.3	0.7	0.1	0.7	0.2
9672	**024b08**	AV626374	LCL008a09			68.4	56.2	83.4	0.8	0.1	0.7	0.2
9673	**003g06**	AV396481	CL74a03			9.2	8.3	11.8	0.9	0.1	0.7	0.2
9674	**106d10**	AV397302	CL80e05			10.9	7.6	12.2	0.7	0.1	0.7	0.3
9675	**119h04**	AV635542	HC047f09			16.1	13.9	19.4	0.9	0.2	0.7	0.1
9676	**024e10**	AV626647	LCL012h09			23.4	17.9	26.8	0.8	0.1	0.7	0.2
9677	**128b12**	AV642235	HCL048a07			15.0	14.2	20.4	0.9	0.1	0.7	0.1
9678	**024c02**	AV626435	LCL009a02			3.8	2.5	3.5	0.7	0.4	0.7	0.2
9679	**151b12**	AV629381	LCL057f10			38.9	24.7	40.8	0.6	0.1	0.7	0.3
9680	**112b10**	AV391557	CM055b11			147.7	104.9	147.9	0.7	0.0	0.7	0.0
9681	**147e10**	AV627589	LCL029b01			17.0	11.0	15.4	0.7	0.2	0.7	0.1
9682	**011e10**	AV635161	HC042f10			113.0	84.7	118.1	0.8	0.2	0.7	0.0
9683	**034b10**	BP095415	MXL041d10			8.3	9.8	13.6	1.2	0.2	0.7	0.1
9684	**163h03**	BP094539	MXL024f07			2.7	2.2	4.1	0.8	0.1	0.7	0.6
9685	**001f11**	AV394184	CL19e03			3.7	3.3	4.5	0.9	0.2	0.7	0.1
9686	**002b12**	AV394918	CL34b04			43.7	25.4	36.0	0.6	0.1	0.7	0.1
9687	**170g11**	BP097603	MXL078d01			13.5	12.6	20.8	0.9	0.2	0.7	0.5
9688	**018d10**	AV644525	HCL090a09			6.2	5.7	9.0	1.0	0.6	0.7	0.4
9689	**131d06**	AV644088	HCL081e12			14.2	11.1	18.3	0.8	0.2	0.7	0.3
9690	**170e09**	BP097463	MXL076b03			10.1	8.7	12.9	0.8	0.1	0.7	0.3
9691	**109b08**	AV388223	CM024d05			97.3	52.6	84.4	0.5	0.1	0.7	0.3
9692	**103b05**	AV394831	CL32b05			7.3	4.9	6.6	0.6	0.2	0.7	0.2
9693	**139f08**	AV623252	LC061b01			25.2	13.8	20.3	0.5	0.0	0.7	0.3
9694	**024e12**	AV626652	LCL013a07			17.5	12.9	20.2	0.7	0.1	0.7	0.3
9695	**141f01**	AV624595	LC079h07			17.6	12.7	17.8	0.7	0.1	0.7	0.1
9696	**167h03**	BP096224	MXL054h03			559.0	394.5	553.6	0.7	0.0	0.7	0.0
9697	**164g09**	BP094926	MXL032f08			21.7	11.7	23.7	0.6	0.4	0.7	0.7
9698	**030b08**	AV631445	LCL094a09			9.6	10.2	14.4	1.1	0.3	0.7	0.0
9699	**008b09**	AV393031	CM066g07			81.1	59.8	83.0	0.7	0.1	0.7	0.1
9700	**022d06**	AV623779	LC068e06			22.0	15.6	22.9	0.7	0.0	0.7	0.1
9701	**167d09**	BP096048	MXL051f10			5.6	5.3	7.5	1.0	0.2	0.7	0.2
9702	**172h11**	BP098594	MXL096a05			2.9	3.1	4.7	1.1	0.2	0.7	0.4
9703	**150h06**	AV629246	LCL055b07			23.0	23.0	34.1	1.0	0.1	0.7	0.2
9704	**027e12**	AV629272	LCL055f11			8.5	5.7	8.3	0.7	0.1	0.7	0.1
9705	**011d01**	AV634750	HC037d10			8.6	10.0	14.1	1.2	0.4	0.7	0.2
9706	**150g02**	AV629130	LCL052g02			25.7	20.7	31.4	0.8	0.1	0.7	0.2
9707	**164d10**	BP094748	MXL028f10			13.9	8.8	12.7	0.7	0.2	0.7	0.2
9708	**126a05**	AV640959	HCL025d06			29.3	22.5	35.7	0.8	0.0	0.7	0.3
9709	**024d11**	AV626572	LCL011f06			19.4	15.9	24.0	0.8	0.1	0.7	0.3
9710	**117h11**	AV633267	HC018g03			23.0	13.2	18.6	0.6	0.2	0.7	0.2
9711	**153b09**	AV630372	LCL077h10			22.6	17.4	24.6	0.8	0.1	0.7	0.1
9712	**140f03**	AV623952	LC070h08			11.8	7.5	10.8	0.7	0.2	0.7	0.2
9713	**160h05**	BP089371	MX206a05			8.0	6.4	10.6	0.8	0.2	0.7	0.5
9714	**124e07**	AV640187	HCL011h01			20.0	13.5	21.3	0.7	0.1	0.7	0.3
9715	**129c08**	AV642781	HCL057h02			12.0	8.4	12.1	0.7	0.1	0.7	0.1
9716	**170g04**	BP097569	MXL077h07			6.5	4.2	6.8	0.6	0.2	0.7	0.5
9717	**103e10**	AV395178	CL39a04			9.0	7.1	10.2	0.8	0.1	0.7	0.2
9718	**114f01**	AV388540	CM078d09			11.5	10.6	15.4	1.0	0.2	0.7	0.1
9719	**171e08**	BP097979	MXL084e07			14.1	10.7	17.2	0.8	0.1	0.7	0.3
9720	**156d04**	BP086067	MX001c08			37.5	20.8	34.7	0.5	0.1	0.7	0.3
9721	**145e01**	AV626713	LCL014b06			19.7	12.5	18.2	0.6	0.1	0.7	0.2
9722	**025g10**	AV627849	LCL032h06			9.9	9.1	13.1	0.9	0.1	0.7	0.1
9723	**160e03**	BP088678	MX066d03			11.2	11.7	16.3	1.0	0.1	0.7	0.2
9724	**171d08**	BP097928	MXL083f11			14.5	12.6	17.8	0.9	0.2	0.7	0.1
9725	**001e07**	AV393955	CL15d03			45.1	45.2	64.9	1.0	0.2	0.7	0.2
9726	**160d04**	BP088572	MX063h11			74.3	33.0	56.6	0.5	0.0	0.7	0.5
9727	**168e02**	BP096536	MXL060d03			7.0	5.6	8.6	0.9	0.3	0.7	0.3
9728	**131g04**	BP383755	HCL085e09			19.5	16.5	25.3	0.8	0.1	0.7	0.3
9729	**145g09**	AV626857	LCL016g06			11.8	9.6	13.1	0.8	0.0	0.7	0.1
9730	**161d09**	BP093145	MXL004a11			19.8	15.2	22.7	0.8	0.1	0.7	0.2
9731	**159g01**	BP088016	MX049e05			5.5	2.8	4.7	0.5	0.2	0.7	0.5
9732	**162d02**	BP093670	MXL011g11			12.8	9.7	13.8	0.7	0.2	0.7	0.3
9733	**012c08**	AV636456	HC059g02			8.6	8.6	12.2	1.0	0.2	0.7	0.4
9734	**172d06**	BP098360	MXL092b10			20.2	11.6	17.4	0.6	0.2	0.7	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
9735	**112c02**	AV391630	CM055d08			12.8	15.0	21.6	1.3	0.4	0.7	0.1
9736	**147h03**	AV627727	LCL031b09			36.9	26.6	40.6	0.7	0.1	0.7	0.2
9737	**107f08**	AV386912	CM011f09			675.0	385.4	564.2	0.6	0.4	0.7	0.4
9738	**144e09**	AV626288	LCL005h02			30.6	23.1	34.1	0.8	0.1	0.7	0.1
9739	**139g12**	AV623404	LC063c10			58.7	50.2	76.4	0.9	0.3	0.7	0.2
9740	**145d02**	AV626644	LCL012h04			10.1	8.6	13.9	0.9	0.3	0.7	0.3
9741	**152g01**	AV630087	LCL072g12			32.7	26.0	37.5	0.8	0.1	0.7	0.2
9742	**132c02**	AV644582	HCL090h04			20.5	18.5	26.7	0.9	0.0	0.7	0.1
9743	**151f10**	AV629625	LCL062c03			6.2	5.3	7.6	0.9	0.3	0.7	0.1
9744	**152c06**	AV629877	LCL068b04			23.8	18.4	26.3	0.8	0.2	0.7	0.1
9745	**147f10**	AV627648	LCL030a05			16.8	13.3	19.0	0.8	0.1	0.7	0.0
9746	**126e02**	AV641284	HCL031a06			15.9	14.1	20.5	0.9	0.1	0.7	0.1
9747	**156g08**	BP086345	MX007a07			9.2	5.2	10.5	0.7	0.6	0.7	0.6
9748	**005d09**	AV388250	CM024b04			4.3	4.4	6.3	1.0	0.3	0.7	0.2
9749	**170d09**	BP097417	MXL075d03			20.6	19.1	31.6	0.9	0.1	0.7	0.3
9750	**027g11**	AV629440	LCL058g08			42.5	31.5	55.4	0.7	0.1	0.7	0.3
9751	**164h02**	BP094960	MXL033d04			16.3	10.3	14.6	0.7	0.3	0.7	0.3
9752	**167g08**	BP096194	MXL054d05			23.5	19.2	32.7	0.8	0.4	0.7	0.6
9753	**015c09**	AV640976	HCL025f05			7.1	6.1	8.8	0.9	0.1	0.7	0.1
9754	**139f04**	AV623243	LC060h11			9.5	7.3	10.7	0.8	0.1	0.7	0.2
9755	**036d06**	BP098223	MXL089f03			18.5	17.7	26.6	1.0	0.2	0.7	0.3
9756	**166g10**	BP095765	MXL047a09			23.3	11.2	17.9	0.4	0.1	0.7	0.6
9757	**145h02**	BP383836	LCL017b12			14.6	12.0	17.5	0.8	0.1	0.7	0.1
9758	**031a10**	BP086497	MX010b10			23.4	13.6	19.2	0.6	0.2	0.7	0.2
9759	**002d09**	AV395212	CL39h12			1.2	1.1	1.7	1.0	0.3	0.7	0.3
9760	**128e01**	AV642403	HCL051c02			52.2	37.5	55.2	0.7	0.1	0.7	0.1
9761	**134c12**	AV619179	LC004g11			97.8	109.4	158.8	1.1	0.1	0.7	0.1
9762	**131f05**	AV644227	HCL084d03			13.8	11.4	19.3	0.8	0.1	0.7	0.4
9763	**110h11**	AV390009	CM041c08			16.9	12.4	17.3	0.7	0.2	0.7	0.2
9764	**151d09**	AV629481	LCL059e12			20.0	15.9	23.7	0.8	0.1	0.7	0.2
9765	**025f09**	AV627705	LCL030h01			7.2	5.5	8.3	0.8	0.2	0.7	0.2
9766	**131f11**	BP383754	HCL084g07			12.1	13.0	19.0	1.1	0.3	0.7	0.1
9767	**160g10**	BP089298	MX204f01			7.9	6.8	12.8	0.8	0.1	0.7	0.5
9768	**154e09**	AV631009	LCL087e11			16.3	13.7	19.5	0.9	0.1	0.7	0.1
9769	**025c10**	AV627263	LCL024a03			13.7	9.8	14.3	0.7	0.1	0.7	0.2
9770	**164h09**	BP094984	MXL033g12			23.2	15.7	27.9	0.6	0.3	0.7	0.7
9771	**007c10**	AV391428	CM054d06			54.0	32.2	47.5	0.6	0.1	0.7	0.2
9772	**163f01**	BP094380	MXL022c06			29.3	21.9	31.2	0.8	0.1	0.7	0.1
9773	**153f08**	AV630584	LCL081b01			33.4	25.5	40.7	0.8	0.0	0.7	0.3
9774	**167f12**	BP096155	MXL053g03			16.4	13.7	20.6	0.8	0.1	0.7	0.2
9775	**157h08**	BP087288	MX030h04			67.3	51.7	103.6	0.8	0.4	0.7	0.5
9776	**152d06**	AV629958	LCL070a05			33.2	25.9	41.3	0.8	0.1	0.7	0.2
9777	**104b02**	AV395758	CL50g09			22.4	28.2	40.9	1.3	0.2	0.7	0.2
9778	**159e09**	BP087850	MX044h08			14.3	11.4	17.8	0.8	0.1	0.7	0.2
9779	**145g08**	AV626855	LCL016g04			32.5	25.9	41.5	0.8	0.1	0.7	0.3
9780	**017c05**	AV643026	HCL062e04			9.8	8.2	11.8	0.9	0.1	0.7	0.0
9781	**145d06**	AV626678	LCL013e08			27.9	19.7	28.8	0.7	0.1	0.7	0.1
9782	**166d02**	BP095601	MXL044d09			7.7	8.1	12.1	1.0	0.2	0.7	0.3
9783	**016d06**	AV642112	HCL045g11			15.1	8.2	13.8	0.5	0.1	0.7	0.4
9784	**018g07**	AV619092	LC003f09			10.0	7.3	16.7	0.7	0.2	0.7	0.5
9785	**162h08**	BP093995	MXL016f12			18.3	14.6	31.1	0.7	0.4	0.7	0.7
9786	**160h03**	BP089365	MX205h04			18.0	15.0	29.6	0.8	0.1	0.7	0.5
9787	**111c08**	AV390371	CM045f07			7.5	4.0	5.7	0.5	0.1	0.7	0.1
9788	**147e09**	AV627588	LCL029a11			26.2	19.0	28.7	0.7	0.0	0.7	0.2
9789	**106f06**	AV397812	CM002d10			12.0	8.0	11.5	0.7	0.1	0.7	0.2
9790	**034f09**	BP096147	MXL053e12			12.4	4.9	7.0	0.4	0.1	0.7	0.2
9791	**129a06**	AV642642	HCL055c03			18.9	14.9	25.1	0.8	0.1	0.7	0.3
9792	**165h09**	BP095392	MXL041b06			20.5	14.5	27.6	0.7	0.4	0.7	0.6
9793	**106g04**	AV386548	CM003b03_r			13.1	13.5	19.7	1.0	0.2	0.7	0.1
9794	**163d09**	BP094259	MXL020b12			25.7	20.0	31.8	0.8	0.1	0.7	0.3
9795	**131d03**	BP383750	HCL081c10			11.1	10.2	14.9	0.9	0.3	0.7	0.1
9796	**172f05**	BP098468	MXL093g06			21.6	10.5	17.7	0.5	0.3	0.7	0.4
9797	**172f04**	BP098452	MXL093e12			24.1	16.9	27.7	0.7	0.1	0.7	0.4
9798	**127c03**	AV641702	HCL038h11			19.6	16.6	25.5	0.9	0.1	0.7	0.2
9799	**164e06**	BP094772	MXL029c03			45.5	45.7	70.4	1.0	0.3	0.7	0.1
9800	**102a02**	AV394131	CL17e03			9.1	10.3	18.0	1.2	0.4	0.7	0.4
9801	**159h08**	BP088190	MX053f12			10.6	8.9	15.2	0.8	0.4	0.7	0.5
9802	**140f08**	AV623990	LC071d11			27.3	22.2	35.2	0.8	0.1	0.7	0.2
9803	**024d08**	AV626541	LCL010h06			8.6	6.0	9.0	0.7	0.1	0.7	0.2
9804	**001b10**	AV393624	CL06d02			1.6	0.9	1.3	0.5	0.2	0.7	0.3
9805	**132d05**	AV644682	HCL092b07			8.8	7.5	11.4	0.9	0.1	0.7	0.2
9806	**147d07**	AV627535	LCL028b08			13.0	10.2	15.0	0.8	0.1	0.7	0.1
9807	**156e06**	BP086173	MX003c12			26.4	23.2	34.2	0.9	0.2	0.7	0.1
9808	**158e08**	BP087660	MX040e06			16.0	12.0	19.0	0.8	0.1	0.7	0.2
9809	**140g07**	AV624071	LC072e10			19.6	14.9	25.0	0.8	0.2	0.7	0.4
9810	**167f06**	BP096139	MXL053d06			15.3	10.7	16.1	0.7	0.3	0.7	0.4
9811	**144g09**	AV626392	LCL008d01			15.2	14.4	21.0	1.0	0.1	0.7	0.1
9812	**165h10**	BP095395	MXL041b09			63.7	30.5	44.5	0.5	0.2	0.7	0.0
9813	**106c10**	AV397274	CL77h11			28.3	27.6	40.1	1.0	0.1	0.7	0.0
9814	**147f11**	AV627659	LCL030b07			69.3	35.6	51.4	0.5	0.2	0.7	0.0
9815	**172d05**	BP098356	MXL092b06			25.0	16.4	24.3	0.7	0.1	0.7	0.1
9816	**130f10**	AV643638	HCL073c01			40.9	32.3	46.1	0.8	0.1	0.7	0.1
9817	**017b11**	AV642971	HCL061d10			3.6	2.6	3.9	0.8	0.2	0.7	0.2
9818	**130e01**	AV643481	HCL070d04			67.9	58.5	89.6	0.9	0.1	0.7	0.2
9819	**011f11**	AV635307	HC044f11			20.4	25.4	38.8	1.3	0.6	0.7	0.3
9820	**131a08**	AV643831	HCL076g12			8.9	7.0	10.8	0.8	0.1	0.7	0.2
9821	**101e12**	AV393784	CL11d03			12.1	10.7	16.4	0.9	0.1	0.7	0.2
9822	**164g02**	BP094890	MXL031g08			25.2	9.8	14.4	0.4	0.1	0.7	0.2
9823	**119b08**	AV634680	HC036d07			4.8	2.8	4.7	0.6	0.2	0.7	0.4
9824	**029c10**	AV630768	LCL084a10			5.7	3.3	4.9	0.6	0.0	0.7	0.2
9825	**168d12**	BP096526	MXL060b12			13.0	13.0	18.6	1.0	0.1	0.7	0.3
9826	**022g08**	AV624251	LC075b01			16.3	18.2	26.7	1.1	0.3	0.7	0.1
9827	**154d10**	AV630968	LCL087a06			27.6	25.6	37.7	0.9	0.1	0.7	0.1
9828	**001g11**	AV394442	CL24a02			8.5	10.2	14.6	1.2	0.5	0.7	0.3
9829	**155g07**	AV631595	LCL096f07			26.9	24.9	40.4	1.0	0.5	0.7	0.3
9830	**103h11**	AV395554	CL43c04			20.6	15.7	27.5	0.8	0.2	0.7	0.4
9831	**118e06**	AV633898	HC026f08			14.5	7.7	11.7	0.5	0.2	0.7	0.3
9832	**125e11**	AV640691	HCL020g07			8.3	6.2	9.3	0.8	0.2	0.7	0.2
9833	**013d09**	AV638662	HC089b08			14.7	14.4	21.6	1.0	0.3	0.7	0.1
9834	**144f10**	AV626320	LCL006h03			35.4	24.1	35.2	0.7	0.2	0.7	0.1
9835	**016c09**	AV641970	HCL043c03			3.1	2.9	4.3	0.9	0.2	0.7	0.1
9836	**105a01**	AV396084	CL56b04			10.2	13.4	19.6	1.4	0.6	0.7	0.1
9837	**129b12**	AV642743	HCL057b01			22.9	18.9	33.4	0.8	0.1	0.7	0.3
9838	**163e09**	BP094343	MXL021e09			29.5	24.3	35.6	0.9	0.3	0.7	0.1
9839	**145g12**	AV626875	LCL017b02			35.0	27.0	46.5	0.8	0.1	0.7	0.3
9840	**124e08**	AV640191	HCL011h07			6.7	5.1	7.8	0.8	0.1	0.7	0.2
9841	**145h09**	AV626897	LCL017f07			27.5	19.2	28.8	0.7	0.1	0.7	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
9842	**131g06**	AV644297	HCL085g07			15.8	11.7	18.6	0.7	0.0	0.7	0.3
9843	**035c04**	BP096813	MXL065c11			11.0	6.6	11.1	0.6	0.2	0.7	0.3
9844	**162d01**	BP093667	MXL011g04			58.1	27.7	40.8	0.5	0.1	0.7	0.1
9845	**130e06**	AV643532	HCL071c05			20.5	15.1	22.4	0.7	0.1	0.7	0.1
9846	**012e08**	AV637028	HC067f07			7.5	5.8	8.8	0.8	0.3	0.7	0.3
9847	**108b05**	AV387472	CM016h02			63.7	38.0	55.7	0.6	0.2	0.7	0.1
9848	**172g04**	BP098516	MXL094e07			22.9	13.1	26.0	0.6	0.3	0.7	0.6
9849	**158g08**	BP087697	MX041f10			6.3	3.8	6.2	0.6	0.3	0.7	0.5
9850	**157g07**	BP087148	MX026g05			10.0	4.4	7.0	0.5	0.2	0.7	0.4
9851	**128d02**	AV642313	HCL049e11			11.5	8.3	13.3	0.7	0.1	0.7	0.2
9852	**104g06**	AV395970	CL53g01			21.2	16.3	24.9	0.8	0.1	0.7	0.2
9853	**125g09**	AV640800	HCL022f09			15.2	13.4	21.5	0.9	0.1	0.7	0.3
9854	**144h12**	AV626448	LCL009c04			34.5	27.9	41.4	0.8	0.1	0.7	0.2
9855	**159g11**	BP088114	MX052a02			16.9	13.7	21.1	0.8	0.3	0.7	0.3
9856	**165g05**	BP095339	MXL040b10			33.5	19.2	34.7	0.6	0.3	0.7	0.5
9857	**027c02**	AV629046	LCL050h06			30.8	13.2	20.1	0.4	0.0	0.7	0.2
9858	**145d07**	AV626686	LCL013g02			23.2	18.4	28.6	0.8	0.1	0.7	0.2
9859	**126c02**	AV641095	HCL027f11			21.7	19.0	29.5	0.9	0.1	0.7	0.2
9860	**128c07**	AV642261	HCL048f01			23.9	18.4	29.0	0.8	0.1	0.7	0.2
9861	**128b02**	AV642163	HCL046f10			38.4	29.6	46.4	0.8	0.0	0.7	0.2
9862	**168e04**	BP096542	MXL060d11			6.3	6.1	9.3	1.0	0.1	0.7	0.3
9863	**106h07**	AV386625	CM004c01			16.6	8.7	12.7	0.5	0.2	0.7	0.1
9864	**111c07**	AV390370	CM045e11			81.7	53.1	79.6	0.7	0.1	0.7	0.1
9865	**162d07**	BP093701	MXL012c05			35.4	21.5	33.9	0.6	0.2	0.7	0.2
9866	**163d04**	BP094247	MXL020a12			13.4	8.1	12.3	0.6	0.1	0.7	0.2
9867	**003g09**	AV397053	CL75c10			22.2	16.0	25.6	0.7	0.3	0.7	0.4
9868	**130f08**	AV643630	HCL073a10			13.9	11.5	17.7	0.8	0.1	0.7	0.2
9869	**170g09**	BP097595	MXL078c03			12.4	10.8	17.9	0.8	0.4	0.7	0.5
9870	**029b06**	AV630628	LCL081g06			34.7	24.8	36.9	0.7	0.1	0.7	0.0
9871	**169d04**	BP096936	MXL067c12			20.0	16.0	30.3	0.8	0.1	0.7	0.4
9872	**007g01**	AV392196	CM059a12			34.2	29.0	52.3	0.9	0.1	0.7	0.3
9873	**156f10**	BP086281	MX005g01			50.7	35.1	59.8	0.7	0.2	0.7	0.3
9874	**002g05**	AV395781	CL48a01			2.8	3.2	4.8	1.2	0.3	0.7	0.1
9875	**102h05**	AV394663	CL29e05			27.8	16.6	27.8	0.7	0.2	0.7	0.3
9876	**165g10**	BP095352	MXL040d04			107.8	61.7	92.0	0.6	0.2	0.7	0.1
9877	**149g07**	AV628636	LCL044h06			14.3	11.2	16.1	0.8	0.1	0.7	0.1
9878	**167h09**	BP096244	MXL055c03			20.4	15.1	25.9	0.6	0.3	0.7	0.6
9879	**008d03**	AV397410	CM069a08			29.9	18.5	28.7	0.6	0.2	0.7	0.3
9880	**152f09**	AV630067	LCL072d09			22.8	16.6	24.8	0.7	0.1	0.7	0.2
9881	**164d08**	BP094746	MXL028f07			18.1	14.2	23.8	0.8	0.1	0.7	0.3
9882	**163e06**	BP094318	MXL021b08			7.2	7.1	10.7	1.1	0.5	0.7	0.1
9883	**120d10**	AV636032	HC054c07			6.5	6.4	9.5	1.0	0.2	0.7	0.1
9884	**131d09**	AV644105	HCL081h05			50.2	32.0	49.5	0.6	0.0	0.7	0.3
9885	**020d07**	AV621010	LC029h07			24.5	17.2	36.7	0.7	0.2	0.7	0.4
9886	**124h10**	AV640350	HCL014g02			17.5	14.6	22.0	0.8	0.1	0.7	0.3
9887	**160g08**	BP089280	MX204c11			7.4	4.2	9.0	0.7	0.6	0.7	0.6
9888	**106g10**	AV386590	CM003e07			10.3	8.3	12.6	0.8	0.1	0.7	0.1
9889	**024h05**	AV626880	LCL017c01			1.3	1.1	1.6	0.9	0.6	0.7	0.2
9890	**157f10**	BP087118	MX025h04			6.9	4.0	6.1	0.6	0.1	0.7	0.1
9891	**017c10**	AV643063	HCL063b01			7.9	6.2	12.7	0.9	0.5	0.7	0.5
9892	**152e09**	AV630021	LCL071c06			12.2	9.6	14.2	0.8	0.1	0.7	0.2
9893	**146f07**	AV627174	LCL022c01			16.7	13.3	20.9	0.8	0.0	0.7	0.2
9894	**133g07**	AV645204	HCL099e10			19.7	14.2	27.9	0.7	0.1	0.7	0.4
9895	**142e11**	AV625254	LC090a04			1044.0	457.2	772.3	0.4	0.2	0.7	0.5
9896	**152e06**	AV630012	LCL071a02			33.9	26.5	45.0	0.8	0.1	0.7	0.3
9897	**109f08**	AV388306	CM028e09			10.8	7.4	11.3	0.7	0.1	0.7	0.2
9898	**166g05**	BP095747	MXL046g09			11.6	9.0	16.0	0.7	0.5	0.7	0.6
9899	**125b05**	BP383726	HCL016d08			17.8	14.3	21.5	0.8	0.1	0.7	0.0
9900	**134f11**	AV619480	LC008h06			51.5	41.4	76.2	0.8	0.3	0.7	0.4
9901	**006d07**	AV389821	CM040b02			7.3	5.2	7.7	0.7	0.1	0.7	0.1
9902	**171e04**	BP097962	MXL084c04			20.3	17.8	34.5	0.9	0.1	0.7	0.4
9903	**169h06**	BP097151	MXL070h09			6.3	4.0	7.9	0.7	0.5	0.7	0.6
9904	**125c05**	AV640514	HCL017f08			11.9	10.1	16.2	0.8	0.1	0.7	0.2
9905	**141h06**	AV624802	LC083a01			19.0	11.8	18.3	0.6	0.1	0.7	0.2
9906	**169f10**	BP097083	MXL069g03			13.3	7.6	11.7	0.6	0.3	0.7	0.4
9907	**025g02**	AV627753	LCL031e05			338.3	143.2	224.7	0.4	0.2	0.7	0.5
9908	**170h03**	BP097626	MXL078f10			22.1	18.0	29.8	0.8	0.2	0.7	0.3
9909	**154d09**	AV630965	LCL087a02			33.3	27.8	42.3	0.9	0.1	0.7	0.1
9910	**103g10**	AV395456	CL42c01			4.6	5.9	8.8	1.3	0.2	0.7	0.2
9911	**011h08**	AV635716	HC050a02			16.5	9.5	14.3	0.6	0.1	0.7	0.1
9912	**148h09**	AV628242	LCL039a07			26.9	18.8	28.1	0.7	0.1	0.7	0.1
9913	**164e10**	BP094789	MXL029g02			120.6	49.1	73.9	0.4	0.2	0.7	0.2
9914	**166h12**	BP095845	MXL048c04			7.5	5.9	11.1	0.7	0.2	0.7	0.5
9915	**119e07**	AV635143	HC042e01			39.9	20.3	30.6	0.5	0.1	0.7	0.2
9916	**144h05**	AV626424	LCL008g12			16.6	17.1	25.5	1.0	0.1	0.7	0.1
9917	**106c02**	AV397122	CL76d12			221.9	194.2	332.9	0.9	0.4	0.7	0.3
9918	**167g01**	BP096160	MXL053g11			30.5	19.6	43.5	0.7	0.2	0.7	0.4
9919	**153d06**	AV630472	LCL079d04			16.4	12.1	20.6	0.7	0.1	0.7	0.3
9920	**170g01**	BP097563	MXL077g09			21.3	13.7	23.4	0.6	0.4	0.7	0.6
9921	**024c10**	AV626487	LCL010a07			33.0	23.5	39.5	0.7	0.1	0.7	0.3
9922	**109a12**	AV387798	CM023f10			9.0	9.8	20.0	1.3	0.5	0.7	0.5
9923	**114c02**	AV388921	CM074c06			6.8	9.2	13.9	1.5	0.4	0.7	0.1
9924	**108c11**	AV388189	CM017h05			114.3	82.6	115.7	0.7	0.4	0.7	0.3
9925	**160g07**	BP089278	MX204c09			3.6	2.7	5.3	0.8	0.6	0.7	0.6
9926	**104f08**	AV395861	CL52c11			25.2	16.5	24.7	0.7	0.4	0.7	0.1
9927	**035c05**	BP096815	MXL065d01			27.1	21.5	43.0	0.8	0.2	0.7	0.4
9928	**162g06**	BP093915	MXL015e11			12.6	7.8	13.0	0.6	0.4	0.7	0.5
9929	**155g11**	AV631616	LCL097a09			23.2	16.2	25.3	0.7	0.3	0.7	0.3
9930	**107d08**	AV397682	CM009f07			13.3	7.1	10.9	0.5	0.2	0.7	0.2
9931	**155e02**	AV631444	LCL094a08			15.0	10.7	19.5	0.7	0.1	0.7	0.4
9932	**112c12**	AV391749	CM056a03			58.6	44.7	67.6	0.8	0.1	0.7	0.1
9933	**172d11**	BP098376	MXL092d10			9.7	7.0	10.5	0.8	0.2	0.7	0.0
9934	**168h02**	BP096712	MXL063e08			31.4	25.9	57.8	0.8	0.5	0.7	0.6
9935	**148e05**	AV628055	LCL036a09			29.9	26.8	43.5	0.9	0.1	0.7	0.2
9936	**147h02**	AV627715	LCL031a04			45.0	31.1	52.5	0.7	0.1	0.7	0.2
9937	**166d03**	BP095605	MXL044e05			28.2	20.9	32.7	0.7	0.1	0.7	0.2
9938	**125b07**	AV640452	HCL016e09			21.1	17.2	28.7	0.8	0.0	0.7	0.3
9939	**024c06**	AV626464	LCL009e07			102.6	61.0	102.6	0.6	0.3	0.7	0.3
9940	**149d09**	AV628482	LCL042e11			18.6	13.6	21.7	0.7	0.1	0.7	0.2
9941	**171h08**	BP098153	MXL088c11			29.6	22.9	36.3	0.7	0.2	0.7	0.4
9942	**102d06**	AV394266	CL22b09			24.8	17.1	28.4	0.7	0.1	0.7	0.3
9943	**152g09**	AV630163	LCL074e11			9.6	6.8	9.5	0.7	0.1	0.7	0.3
9944	**125h07**	AV640844	HCL023c10			28.3	21.6	34.0	0.8	0.1	0.7	0.2
9945	**129d06**	AV642833	HCL058h10			14.8	11.1	18.4	0.8	0.1	0.7	0.2
9946	**128g02**	AV642484	HCL052f05			15.2	13.9	22.5	0.9	0.2	0.7	0.2
9947	**127h08**	AV642057	HCL044g09			29.1	20.6	32.4	0.7	0.2	0.7	0.1
9948	**126b08**	AV641066	HCL027b09			20.1	15.4	25.4	0.8	0.1	0.7	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
9949	**161g07**	BP093322	MXL006g07			19.0	15.4	23.8	0.9	0.4	0.7	0.2
9950	**163d07**	BP094256	MXL020b09			41.5	33.7	56.0	0.8	0.1	0.7	0.2
9951	**129b05**	AV642695	HCL056b09			23.1	10.8	16.6	0.5	0.1	0.7	0.1
9952	**166f08**	BP095730	MXL046e04			26.1	16.7	32.7	0.6	0.1	0.7	0.4
9953	**009f08**	AV392409	CM096f03			153.9	166.0	250.9	1.1	0.3	0.7	0.2
9954	**121e03**	AV637173	HC069g04			5.8	4.0	6.1	0.7	0.2	0.7	0.2
9955	**105e03**	AV396624	CL64b10			10.3	6.8	11.1	0.7	0.2	0.7	0.3
9956	**131e11**	AV644185	HCL083e02			30.3	20.9	35.1	0.7	0.2	0.7	0.4
9957	**103c06**	AV394884	CL34c02			17.1	12.1	21.7	0.7	0.1	0.7	0.3
9958	**155g03**	AV631576	LCL096d06			11.3	6.6	10.7	0.6	0.3	0.7	0.3
9959	**102h10**	AV394670	CL29g09			30.1	18.5	30.4	0.6	0.1	0.7	0.2
9960	**001d09**	AV393901	CL13c07			6.8	5.3	8.2	0.8	0.1	0.7	0.1
9961	**171d06**	BP097914	MXL083e02			8.7	7.3	11.4	0.8	0.1	0.7	0.2
9962	**172g02**	BP098510	MXL094d08			17.7	9.9	20.5	0.5	0.3	0.7	0.6
9963	**164g04**	BP094893	MXL031h01			9.7	6.5	10.2	0.7	0.2	0.7	0.3
9964	**004e08**	AV386966	CM010a08			8.0	6.4	10.9	0.8	0.1	0.7	0.3
9965	**154e10**	AV631011	LCL087f02			19.8	16.5	25.3	0.8	0.2	0.7	0.1
9966	**006c09**	AV389673	CM038h08			21.7	16.2	34.7	0.8	0.3	0.7	0.4
9967	**006e09**	AV390080	CM042a12			18.3	17.4	27.4	1.0	0.1	0.7	0.1
9968	**110g04**	AV389787	CM039f11			32.3	18.7	30.2	0.6	0.0	0.7	0.2
9969	**012f08**	AV637185	HC069h07			15.2	13.6	21.9	0.9	0.3	0.7	0.2
9970	**007f09**	AV392148	CM058f06			3.9	4.3	6.6	1.1	0.3	0.7	0.3
9971	**024g10**	AV626860	LCL016g11			11.6	8.4	13.8	0.7	0.1	0.7	0.2
9972	**016f08**	AV642412	HCL051d04			6.1	4.3	6.6	0.7	0.1	0.7	0.1
9973	**005h07**	AV388649	CM031b05			11.4	8.2	12.6	0.7	0.0	0.7	0.1
9974	**127e07**	AV641868	HCL041f03			19.4	13.4	21.5	0.7	0.1	0.7	0.2
9975	**155f04**	AV631507	LCL095c07			7.2	4.5	7.0	0.7	0.1	0.7	0.1
9976	**145h08**	AV626895	LCL017f04			21.7	17.0	27.0	0.8	0.2	0.7	0.2
9977	**150d07**	AV628988	LCL050a05			31.0	22.2	36.7	0.7	0.0	0.7	0.2
9978	**130f05**	AV643607	HCL072f08			14.7	13.1	20.1	0.9	0.1	0.7	0.1
9979	**113b12**	AV392848	CM064h11			13.5	10.2	18.8	0.8	0.2	0.7	0.4
9980	**106f10**	AV397850	CM002f06			42.8	39.6	59.8	0.9	0.3	0.7	0.1
9981	**111b04**	AV390196	CM043e09			71.5	49.6	75.9	0.7	0.1	0.7	0.1
9982	**149f12**	AV628614	LCL044e09			30.7	22.7	43.2	0.7	0.1	0.7	0.3
9983	**009e08**	AV391949	CM093e12			6.8	4.6	7.1	0.7	0.2	0.7	0.1
9984	**140d07**	AV623827	LC069b09			69.8	46.2	69.5	0.7	0.4	0.7	0.1
9985	**127e02**	AV641817	HCL040g11			15.3	12.3	19.9	0.8	0.1	0.7	0.1
9986	**107g04**	AV387114	CM012c12			103.2	53.9	93.6	0.5	0.1	0.6	0.3
9987	**124d02**	AV640111	HCL010f02			13.7	10.0	16.8	0.7	0.1	0.6	0.2
9988	**167g02**	BP096172	MXL054a06			13.2	7.9	16.7	0.6	0.3	0.6	0.5
9989	**101g06**	AV393957	CL15c07			14.2	10.8	19.2	0.8	0.3	0.6	0.3
9990	**149c10**	AV628455	LCL042b07			1395.5	544.2	1017.3	0.4	0.2	0.6	0.5
9991	**154g11**	AV631161	LCL089f10			66.7	51.0	91.4	0.8	0.1	0.6	0.2
9992	**018d08**	AV644514	HCL089g11			5.3	4.6	8.0	1.0	0.5	0.6	0.3
9993	**116c04**	BP383686	CM097h03			20.6	10.2	15.8	0.5	0.1	0.6	0.1
9994	**125c07**	AV640527	HCL017h02			14.0	11.5	18.5	0.8	0.1	0.6	0.1
9995	**156g01**	BP086300	MX006b06			5.7	4.4	7.5	0.8	0.3	0.6	0.3
9996	**102e06**	AV394499	CL23d01			16.4	22.4	36.8	1.4	0.6	0.6	0.3
9997	**147b09**	AV627414	LCL026d04			28.1	22.4	35.8	0.8	0.2	0.6	0.1
9998	**145g01**	AV626822	LCL016a06			11.5	9.6	14.8	0.8	0.1	0.6	0.1
9999	**018f09**	AV619036	LC002h07			17.3	13.7	21.2	0.8	0.3	0.6	0.1
10000	**157h11**	BP087317	MX031g06			3.8	3.9	5.9	1.0	0.1	0.6	0.2
10001	**110c03**	AV389070	CM034e01			156.6	74.7	115.6	0.5	0.2	0.6	0.3
10002	**016f07**	AV642402	HCL051b11			7.7	5.4	8.8	0.7	0.2	0.6	0.2
10003	**018d06**	AV644511	HCL089g08			5.5	5.9	10.4	1.1	0.3	0.6	0.3
10004	**165f06**	BP095288	MXL039d07			13.5	10.1	17.5	0.8	0.2	0.6	0.3
10005	**127g07**	AV642000	HCL043f10			27.1	19.9	39.6	0.7	0.1	0.6	0.4
10006	**171f06**	BP098019	MXL085d10			14.9	11.6	20.1	0.8	0.5	0.6	0.5
10007	**035a05**	BP096521	MXL060b02			58.0	35.6	57.6	0.6	0.0	0.6	0.3
10008	**171f08**	BP098034	MXL085f06			6.1	4.3	7.6	0.7	0.5	0.6	0.5
10009	**167e08**	BP096106	MXL052g07			18.5	14.9	24.9	0.8	0.1	0.6	0.2
10010	**012d02**	AV636622	HC061h10			196.6	125.7	200.7	0.7	0.4	0.6	0.3
10011	**144b03**	AV626144	LCL003a12			28.3	16.3	25.8	0.6	0.0	0.6	0.1
10012	**104d08**	AV397740	CL49f08			4.0	3.6	6.5	0.9	0.1	0.6	0.3
10013	**101a02**	AV393307	CL01c04			5.7	7.5	14.8	1.6	0.6	0.6	0.5
10014	**104e04**	AV395592	CL44g06			15.2	13.1	21.2	0.9	0.1	0.6	0.2
10015	**030f10**	BP086097	MX001h02			73.7	45.0	68.5	0.6	0.2	0.6	0.1
10016	**021h05**	AV623018	LC057h03			8.5	10.0	15.7	1.2	0.2	0.6	0.1
10017	**129f10**	AV642990	HCL061g09			20.9	13.7	22.0	0.7	0.1	0.6	0.2
10018	**114d11**	AV387985	CM077a02			18.1	11.3	17.8	0.6	0.0	0.6	0.2
10019	**003c09**	AV397925	CL59b09			17.1	12.6	22.1	0.8	0.3	0.6	0.3
10020	**118e05**	AV633893	HC026e11			158.9	94.2	146.4	0.6	0.0	0.6	0.1
10021	**163g02**	BP094452	MXL023c03			11.7	7.3	14.2	0.7	0.3	0.6	0.4
10022	**105c06**	AV396385	CL60g09			22.3	20.0	33.0	0.9	0.1	0.6	0.1
10023	**170e11**	BP097473	MXL076c09			16.8	10.9	16.9	0.6	0.1	0.6	0.2
10024	**166e06**	BP095684	MXL045g07			57.0	47.0	75.3	0.8	0.2	0.6	0.1
10025	**120f07**	BP383705	HC057c07			62.1	45.4	74.5	0.7	0.1	0.6	0.2
10026	**005h06**	AV388628	CM030g08			92.4	49.2	81.0	0.5	0.1	0.6	0.2
10027	**144h02**	BP098828	MXL099g08			17.5	15.3	25.7	0.9	0.1	0.6	0.2
10028	**153g11**	AV630668	LCL082d09			65.2	61.9	112.2	1.0	0.1	0.6	0.3
10029	**163h10**	BP094566	MXL025a08			4.0	4.2	7.1	1.0	0.1	0.6	0.5
10030	**155h08**	AV631649	LCL097e11			13.1	9.4	17.4	0.7	0.3	0.6	0.5
10031	**113c08**	AV392909	CM065c05			9.7	7.1	11.1	0.7	0.1	0.6	0.0
10032	**011g10**	AV635506	HC047c01			11.9	11.7	18.5	1.0	0.1	0.6	0.1
10033	**105g01**	AV396912	CL68a05			9.6	13.4	21.5	1.4	0.2	0.6	0.1
10034	**106d02**	AV397213	CL78g12			14.2	9.0	14.3	0.6	0.1	0.6	0.1
10035	**012g03**	AV637296	HC071c07			196.0	144.7	219.3	0.8	0.4	0.6	0.1
10036	**150h10**	AV629273	LCL055g03			28.3	16.5	26.8	0.6	0.1	0.6	0.1
10037	**164e12**	BP094810	MXL030b06			21.0	13.9	26.6	0.7	0.1	0.6	0.4
10038	**149g09**	AV628657	LCL045c02			21.6	15.2	25.6	0.7	0.1	0.6	0.2
10039	**010f09**	AV633352	HC019g11			18.3	18.4	29.1	1.1	0.5	0.6	0.2
10040	**127f11**	AV641955	HCL043a06			18.4	14.4	27.0	0.8	0.0	0.6	0.3
10041	**121g05**	AV637476	HC073f03			10.3	8.3	12.9	0.8	0.1	0.6	0.1
10042	**150f10**	AV629121	LCL052e09			13.7	9.9	15.9	0.7	0.1	0.6	0.2
10043	**143h10**	BP098805	MXL099d06			55.0	26.6	42.6	0.5	0.1	0.6	0.2
10044	**158d07**	BP087647	MX040c01			10.8	7.2	11.6	0.7	0.2	0.6	0.1
10045	**003d09**	AV396524	CL63c07			16.3	11.3	22.6	0.8	0.2	0.6	0.3
10046	**016e10**	AV642315	HCL049f03			31.8	18.0	29.0	0.6	0.1	0.6	0.2
10047	**161h02**	BP093364	MXL007d09			25.9	13.7	29.0	0.5	0.4	0.6	0.6
10048	**013h12**	AV639655	HCL002e05			2.3	1.7	2.6	0.7	0.3	0.6	0.4
10049	**164h11**	BP094989	MXL034a02			24.0	18.2	50.7	0.7	0.4	0.6	0.6
10050	**110h07**	AV389926	CM040g08			63.2	29.0	48.9	0.5	0.1	0.6	0.2
10051	**155h04**	AV631639	LCL097d08			22.3	14.0	30.4	0.6	0.3	0.6	0.6
10052	**171g12**	BP098106	MXL087b09			48.9	22.4	35.0	0.5	0.2	0.6	0.1
10053	**013f10**	AV639199	HC096c04			5.6	4.1	8.7	0.8	0.4	0.6	0.5
10054	**016g08**	AV642552	HCL053g09			2.5	1.8	2.9	0.7	0.4	0.6	0.4
10055	**110f04**	AV389545	CM037h09			115.5	51.3	85.2	0.4	0.0	0.6	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
10056	**124c09**	AV640093	HCL010c04			31.3	25.2	40.1	0.8	0.0	0.6	0.1
10057	**123g09**	AV639797	HCL005b09			26.8	17.7	30.4	0.7	0.1	0.6	0.3
10058	**136a08**	AV620440	LC022b12			40.5	27.8	43.9	0.7	0.0	0.6	0.0
10059	**169g09**	BP097118	MXL070d08			17.5	9.7	20.5	0.5	0.4	0.6	0.6
10060	**110d02**	AV389193	CM035e07			113.3	72.0	119.9	0.6	0.2	0.6	0.3
10061	**035c07**	BP096851	MXL065h07			15.7	10.1	18.0	0.6	0.1	0.6	0.3
10062	**026d06**	AV628309	LCL039h05			366.4	141.7	261.0	0.4	0.1	0.6	0.4
10063	**131d01**	AV644054	HCL080h08			23.5	19.8	32.7	0.9	0.1	0.6	0.2
10064	**167g12**	BP096211	MXL054f08			9.6	10.3	15.4	0.9	0.4	0.6	0.5
10065	**101b06**	AV397611	CL02c08			8.1	6.6	10.9	0.8	0.1	0.6	0.1
10066	**131d12**	AV644123	HCL082d06			28.5	22.0	35.4	0.8	0.1	0.6	0.1
10067	**014e05**	AV640094	HCL010c05			22.7	8.1	12.8	0.4	0.1	0.6	0.1
10068	**115c12**	AV390117	CM086f01			155.5	71.6	115.0	0.5	0.2	0.6	0.3
10069	**166h02**	BP095783	MXL047c12			10.8	7.4	22.4	0.7	0.4	0.6	0.6
10070	**106a05**	AV397001	CL73f06			13.7	15.6	31.4	1.5	0.7	0.6	0.4
10071	**025d10**	AV627367	LCL025f12			18.5	13.5	26.5	0.7	0.1	0.6	0.3
10072	**127c07**	BP098733	MXL098b11			23.2	18.3	29.2	0.8	0.1	0.6	0.0
10073	**012c10**	AV636519	HC060e10			8.1	7.9	17.4	1.0	0.3	0.6	0.4
10074	**001e08**	AV393989	CL15e09			1.9	2.5	4.0	1.3	0.4	0.6	0.2
10075	**171g10**	BP098093	MXL086h07			9.5	7.1	11.2	0.7	0.2	0.6	0.4
10076	**148h10**	AV628246	LCL039a12			39.0	25.4	45.2	0.7	0.1	0.6	0.2
10077	**162f06**	BP093853	MXL014g04			25.5	14.5	22.6	0.6	0.1	0.6	0.2
10078	**020d06**	AV621008	LC029h05			29.4	23.5	37.5	0.9	0.4	0.6	0.1
10079	**156h04**	BP086394	MX007h07			12.0	6.5	13.2	0.6	0.3	0.6	0.4
10080	**161f03**	BP093226	MXL005c07			30.1	18.9	37.1	0.6	0.2	0.6	0.4
10081	**164d05**	BP094740	MXL028e09			28.1	24.6	39.6	0.9	0.1	0.6	0.1
10082	**030f08**	AV631855	LCL100h04			18.0	12.4	20.3	0.7	0.1	0.6	0.2
10083	**132e08**	AV644718	HCL092g08			33.2	21.4	39.8	0.6	0.1	0.6	0.3
10084	**128h09**	AV642605	HCL054f02			11.5	8.6	15.7	0.8	0.1	0.6	0.3
10085	**034b11**	BP095417	MXL041e01			9.0	5.2	8.5	0.6	0.1	0.6	0.1
10086	**119e11**	AV635165	HC042g03			8.3	4.8	7.9	0.6	0.1	0.6	0.2
10087	**118d07**	AV633745	HC024g03			150.9	74.3	117.5	0.5	0.1	0.6	0.1
10088	**121c03**	AV636948	HC066e08			604.5	290.0	510.5	0.5	0.2	0.6	0.4
10089	**120d03**	AV635992	HC053g06			27.3	10.2	18.5	0.4	0.1	0.6	0.4
10090	**128c01**	AV642239	HCL048b04			28.3	20.0	35.0	0.7	0.1	0.6	0.2
10091	**157f05**	BP087093	MX025a03			19.8	17.9	28.8	0.9	0.1	0.6	0.0
10092	**019g10**	AV620292	LC020b08			4.0	4.6	9.5	1.2	0.3	0.6	0.5
10093	**167g05**	BP096182	MXL054b07			81.3	44.8	80.5	0.6	0.2	0.6	0.3
10094	**127d08**	AV641798	HCL040d10			41.2	25.5	42.9	0.6	0.0	0.6	0.1
10095	**032e08**	BP093393	MXL007g09			32.3	22.6	44.0	0.7	0.1	0.6	0.3
10096	**166d04**	BP095606	MXL044e06			9.1	6.4	10.5	0.7	0.1	0.6	0.2
10097	**146h08**	AV627292	LCL024e05			62.3	42.2	79.3	0.7	0.0	0.6	0.3
10098	**152g07**	AV630108	LCL073c05			17.6	12.7	22.0	0.7	0.1	0.6	0.3
10099	**118a02**	AV633301	HC019b08			7.0	7.0	12.6	1.1	0.6	0.6	0.2
10100	**160h08**	BP089404	MX206f06			11.8	7.9	17.8	0.8	0.6	0.6	0.5
10101	**169d08**	BP096970	MXL067h12			48.3	41.5	80.4	0.9	0.1	0.6	0.3
10102	**166h11**	BP095839	MXL048b08			7.6	5.3	10.3	0.6	0.3	0.6	0.5
10103	**171g07**	BP098073	MXL086e03			11.2	7.5	16.0	0.8	0.5	0.6	0.5
10104	**103d09**	AV395106	CL36d03			9.9	7.6	14.4	0.8	0.1	0.6	0.3
10105	**112b05**	AV391494	CM054h07			40.9	22.2	35.8	0.6	0.1	0.6	0.1
10106	**147h09**	AV627764	LCL031f10			26.6	20.8	36.1	0.8	0.2	0.6	0.3
10107	**110g05**	AV389809	CM039h04			20.7	9.2	15.0	0.4	0.0	0.6	0.1
10108	**166e03**	BP095659	MXL045d03			10.2	6.7	10.9	0.7	0.3	0.6	0.1
10109	**157g09**	BP087163	MX027a08			8.4	5.8	9.5	0.8	0.5	0.6	0.4
10110	**168g10**	BP096702	MXL063d03			13.9	12.2	22.1	0.8	0.3	0.6	0.5
10111	**170h01**	BP097611	MXL078e03			2.3	1.9	3.7	0.7	0.6	0.6	0.6
10112	**166e11**	BP095708	MXL046b07			18.5	7.7	12.5	0.4	0.1	0.6	0.0
10113	**035e11**	BP097160	MXL071a10			28.3	24.7	41.3	1.1	0.5	0.6	0.2
10114	**131b05**	AV643889	HCL077h03			17.7	13.4	23.7	0.8	0.0	0.6	0.2
10115	**169f05**	BP097058	MXL069d01			25.2	14.2	25.6	0.6	0.2	0.6	0.3
10116	**035b09**	BP096726	MXL063g08			10.8	6.6	10.6	0.6	0.2	0.6	0.2
10117	**127g10**	AV642004	HCL043g03			59.2	42.1	79.3	0.7	0.2	0.6	0.4
10118	**158h09**	BP087713	MX042a10			6.8	4.6	8.5	0.6	0.3	0.6	0.5
10119	**033d04**	BP094353	MXL021g09			21.6	17.6	31.9	0.8	0.1	0.6	0.2
10120	**003f11**	AV396907	CL71g05			26.8	17.0	27.8	0.6	0.1	0.6	0.1
10121	**154g06**	AV631126	LCL089c04			5.5	4.9	7.9	0.9	0.2	0.6	0.1
10122	**128e03**	BP098736	MXL098c02			17.4	13.0	22.4	0.7	0.2	0.6	0.3
10123	**125g07**	AV640793	HCL022e08			14.9	12.0	21.3	0.8	0.0	0.6	0.2
10124	**163f10**	BP094442	MXL023b02			23.0	14.3	28.4	0.6	0.1	0.6	0.3
10125	**036e04**	BP098305	MXL091c01			25.9	42.0	70.8	1.6	0.3	0.6	0.1
10126	**144g07**	AV626372	LCL008a04			34.9	27.1	47.1	0.8	0.0	0.6	0.2
10127	**145h07**	AV626894	LCL017f02			18.5	14.8	24.5	0.8	0.3	0.6	0.1
10128	**156h10**	BP086429	MX008f09			4.8	3.9	7.5	0.7	0.2	0.6	0.5
10129	**160g12**	BP089321	MX205a09			5.3	5.0	9.5	1.0	0.2	0.6	0.4
10130	**159h04**	BP088169	MX053b11			32.4	14.8	26.1	0.5	0.1	0.6	0.1
10131	**165h07**	BP095389	MXL041b01			23.1	12.6	46.6	0.6	0.4	0.6	0.6
10132	**132e06**	AV644709	HCL092f11			11.8	9.1	16.0	0.8	0.1	0.6	0.3
10133	**124f06**	AV640211	HCL012c01			25.3	19.2	34.0	0.8	0.0	0.6	0.2
10134	**013c07**	AV638420	HC086b08			10.3	13.1	22.5	1.4	0.6	0.6	0.2
10135	**130d05**	AV643433	HCL069e12			27.5	24.5	43.3	0.9	0.2	0.6	0.2
10136	**162f03**	BP093835	MXL014e02			15.7	10.1	23.0	0.6	0.1	0.6	0.5
10137	**125h09**	AV640856	HCL023f01			17.8	12.2	24.8	0.7	0.1	0.6	0.4
10138	**143d09**	BP383830	LC096f07			42.8	32.0	52.7	0.8	0.1	0.6	0.1
10139	**002e10**	AV395482	CL42f11			3.6	2.8	4.8	0.8	0.1	0.6	0.2
10140	**165g07**	BP095347	MXL040c10			5.1	3.4	6.4	0.7	0.4	0.6	0.4
10141	**126f07**	AV641379	HCL032e12			10.7	8.4	14.3	0.8	0.0	0.6	0.1
10142	**166d11**	BP095649	MXL045c01			25.4	18.9	31.0	0.7	0.1	0.6	0.1
10143	**160f10**	BP089179	MX202c10			5.4	3.9	6.7	0.7	0.1	0.6	0.2
10144	**035d06**	BP096985	MXL068c01			32.3	27.3	47.0	0.8	0.0	0.6	0.2
10145	**126e07**	AV641315	HCL031e04			32.2	23.2	43.1	0.7	0.1	0.6	0.2
10146	**147f04**	AV627612	LCL029e03			41.3	36.6	66.8	0.9	0.2	0.6	0.2
10147	**014h12**	AV640575	HCL018e09			23.5	8.6	14.7	0.4	0.1	0.6	0.1
10148	**105b04**	AV396207	CL58b07			7.9	6.3	10.4	0.8	0.1	0.6	0.2
10149	**016f05**	AV642369	HCL050f08			12.1	9.1	15.1	0.8	0.4	0.6	0.3
10150	**002d05**	AV395318	CL38h06			6.6	6.9	13.2	1.1	0.3	0.6	0.3
10151	**132a03**	AV644393	HCL087g05			19.6	12.8	22.2	0.6	0.2	0.6	0.3
10152	**117a07**	AV632125	HC004c05			22.8	17.0	29.4	0.7	0.0	0.6	0.3
10153	**106b07**	AV397097	CL75f01			11.9	9.5	18.1	0.8	0.1	0.6	0.3
10154	**018h01**	AV619138	LC004c11			5.5	5.8	9.7	1.1	0.2	0.6	0.2
10155	**017a08**	AV642841	HCL059b03			13.4	10.4	17.6	0.8	0.1	0.6	0.1
10156	**111g07**	AV391129	CM051b04			4.8	8.2	13.2	1.7	0.6	0.6	0.1
10157	**120b03**	AV635760	HC050e10			8.9	6.2	10.8	0.7	0.0	0.6	0.1
10158	**023c05**	AV624875	LC083h11			68.2	56.8	97.1	0.9	0.1	0.6	0.1
10159	**133f08**	AV645149	HCL098g12			12.7	9.2	17.9	0.7	0.2	0.6	0.4
10160	**171g02**	BP098054	MXL086b05			32.3	22.2	50.5	0.7	0.3	0.6	0.5
10161	**131d11**	AV644120	HCL082c09			31.2	21.2	38.3	0.7	0.1	0.6	0.2
10162	**105b06**	AV396212	CL58d06			6.7	5.1	8.7	0.8	0.0	0.6	0.2

	A	B	C	D	E	F	G	H	I	J	K	L
10163	**124g08**	AV640276	HCL013e09			13.8	10.1	16.4	0.7	0.1	0.6	0.1
10164	**118g11**	AV634274	HC031c11			10.5	6.9	11.5	0.7	0.2	0.6	0.1
10165	**145e02**	AV626715	LCL014b09			86.2	27.4	45.2	0.4	0.2	0.6	0.1
10166	**148f11**	AV628143	LCL037d04			32.3	26.9	48.4	0.8	0.1	0.6	0.2
10167	**143d10**	AV625706	LC096g02			31.6	27.5	51.9	0.9	0.1	0.6	0.2
10168	**161g08**	BP093329	MXL006h08			23.1	18.0	34.0	0.8	0.4	0.6	0.4
10169	**028a05**	AV629564	LCL061a12			30.3	14.9	25.1	0.5	0.0	0.6	0.2
10170	**162h04**	BP093975	MXL016e02			88.7	45.8	118.4	0.5	0.3	0.6	0.5
10171	**141f05**	AV624632	LC080d12			24.7	18.2	31.7	0.7	0.1	0.6	0.2
10172	**164e02**	BP094761	MXL029a01			36.4	34.9	60.4	1.2	0.7	0.6	0.2
10173	**120e11**	AV636156	HC055h06			12.9	9.6	16.2	0.7	0.1	0.6	0.1
10174	**129f07**	AV642985	HCL061f08			14.0	10.7	19.6	0.8	0.2	0.6	0.3
10175	**104f06**	AV395867	CL52a05			16.8	12.2	20.3	0.7	0.1	0.6	0.2
10176	**160f08**	BP089115	MX201a04			8.0	4.2	7.5	0.5	0.1	0.6	0.2
10177	**125g05**	AV640784	HCL022d03			25.5	19.6	32.7	0.8	0.1	0.6	0.1
10178	**155h10**	AV631654	LCL097f08			20.2	13.4	30.7	0.6	0.2	0.6	0.5
10179	**007g12**	AV392391	CM061d01			8.8	6.7	11.8	0.8	0.5	0.6	0.3
10180	**127f07**	AV641934	HCL042f06			28.3	19.5	38.2	0.7	0.1	0.6	0.3
10181	**110f08**	AV389663	CM038h05			29.7	19.0	30.8	0.7	0.4	0.6	0.2
10182	**122g08**	AV638861	HC091g07			35.9	13.4	23.5	0.4	0.1	0.6	0.2
10183	**005f12**	AV388012	CM028b12			13.7	14.4	24.0	0.9	0.4	0.6	0.5
10184	**158e05**	BP087657	MX040e01			28.7	18.6	33.7	1.4	1.4	0.6	0.3
10185	**170d05**	BP097406	MXL075b10			27.6	15.5	26.3	0.6	0.1	0.6	0.1
10186	**149g08**	AV628643	LCL045a06			16.1	11.1	19.3	0.7	0.2	0.6	0.2
10187	**112b02**	AV391454	CM054f04			21.1	29.5	56.0	1.5	0.4	0.6	0.2
10188	**008e08**	AV388499	CM071e02			8.6	6.2	10.8	0.7	0.1	0.6	0.1
10189	**029h12**	AV631232	LCL090f03			9.9	7.0	12.9	0.7	0.2	0.6	0.2
10190	**001f08**	AV394091	CL18g07			1.5	1.2	2.1	0.8	0.3	0.6	0.1
10191	**162g08**	BP093926	MXL015g03			24.8	15.9	27.6	0.6	0.3	0.6	0.4
10192	**152g04**	AV630102	LCL073b05			37.9	26.7	48.0	0.7	0.1	0.6	0.1
10193	**130d10**	AV643464	HCL070b05			10.1	8.2	14.0	0.8	0.2	0.6	0.1
10194	**171f10**	BP098036	MXL085f12			20.0	9.2	16.1	0.5	0.2	0.6	0.3
10195	**128d07**	AV642357	HCL050d03			35.6	26.6	48.3	0.7	0.0	0.6	0.2
10196	**104b03**	AV397780	CL45a01			12.7	15.3	29.4	1.4	0.5	0.6	0.2
10197	**021b01**	AV621962	LC043c03			1168.8	459.4	769.9	0.4	0.1	0.6	0.2
10198	**022c04**	AV623567	LC065g03			44.4	29.4	47.8	0.6	0.1	0.6	0.2
10199	**168f03**	BP096602	MXL061f03			11.1	6.7	13.5	0.6	0.2	0.6	0.4
10200	**126a08**	AV640974	HCL025f03			49.9	35.6	65.6	0.7	0.0	0.6	0.2
10201	**005f09**	AV387709	CM027g05			11.8	8.0	13.8	0.7	0.1	0.6	0.1
10202	**102b04**	AV394176	CL19c04			15.3	10.5	25.1	0.7	0.2	0.6	0.5
10203	**101h04**	AV394013	CL16g08			24.0	17.7	33.5	0.7	0.0	0.6	0.2
10204	**171e03**	BP097943	MXL083h08			16.9	12.1	22.8	0.8	0.1	0.6	0.3
10205	**128g04**	AV642505	HCL053a03			12.7	9.8	18.8	0.8	0.1	0.6	0.2
10206	**168g05**	BP096679	MXL062h10			45.9	24.5	65.5	0.5	0.2	0.6	0.5
10207	**035g12**	BP097430	MXL075f01			5.3	8.1	13.6	1.6	0.7	0.6	0.2
10208	**172f10**	BP098480	MXL094a02			7.5	11.5	18.8	1.4	0.8	0.6	0.4
10209	**160h01**	BP089326	MX205b08			3.0	2.0	6.0	0.7	0.2	0.6	0.5
10210	**163h01**	BP094527	MXL024d12			6.6	5.1	9.6	0.8	0.4	0.6	0.3
10211	**131c07**	AV644008	HCL080b03			34.5	25.2	47.6	0.7	0.1	0.6	0.2
10212	**124g07**	AV640272	HCL013e02			26.3	20.3	38.6	0.8	0.1	0.6	0.3
10213	**005f11**	AV387730	CM028b01			35.3	14.7	25.3	0.4	0.1	0.6	0.1
10214	**006h12**	AV390882	CM048f10			8.5	9.4	16.2	1.1	0.2	0.6	0.2
10215	**167g03**	BP096175	MXL054a11			57.8	34.3	83.8	0.6	0.2	0.6	0.4
10216	**168e08**	BP096569	MXL060h09			15.0	11.1	19.1	0.8	0.1	0.6	0.0
10217	**113h07**	AV388515	CM071f03			32.9	16.6	28.8	0.6	0.4	0.6	0.2
10218	**172d03**	BP098346	MXL091h07			7.2	5.6	9.7	0.8	0.1	0.6	0.1
10219	**118h07**	AV634387	HC032g03			15.2	11.7	22.0	0.8	0.1	0.6	0.2
10220	**161e08**	BP093211	MXL005a07			24.9	20.9	38.3	0.8	0.1	0.6	0.1
10221	**015h12**	AV641563	HCL036d03			6.8	3.8	7.5	0.6	0.2	0.6	0.3
10222	**157h10**	BP087303	MX031c05			7.1	5.7	11.8	0.7	0.2	0.6	0.5
10223	**035e07**	BP097103	MXL070a11			13.7	6.7	11.6	0.5	0.1	0.6	0.1
10224	**116e08**	AV393185	CM100a12			28.0	10.4	18.9	0.5	0.3	0.6	0.2
10225	**166f05**	BP095724	MXL046d08			130.8	78.2	134.9	0.6	0.2	0.6	0.1
10226	**130b07**	AV643271	HCL066f05			19.3	13.8	25.1	0.7	0.1	0.6	0.1
10227	**162g02**	BP093898	MXL015c09			32.7	21.7	47.8	0.7	0.1	0.6	0.3
10228	**103b07**	AV394869	CL32c12			20.2	15.2	27.7	0.8	0.1	0.6	0.2
10229	**130f07**	AV643627	HCL073a07			31.9	19.8	40.4	0.6	0.0	0.6	0.3
10230	**123e10**	AV639628	HCL002b01			11.7	7.1	12.8	0.6	0.1	0.6	0.1
10231	**141h11**	AV624816	LC083b05			14.7	12.0	21.3	0.8	0.1	0.6	0.1
10232	**018c08**	AV644409	HCL088a07			10.8	6.8	12.4	0.6	0.1	0.6	0.2
10233	**161e06**	BP093201	MXL004h09			82.4	65.9	111.5	0.8	0.2	0.6	0.1
10234	**170g08**	BP097592	MXL078b10			10.3	6.2	16.4	0.6	0.3	0.6	0.5
10235	**111f07**	AV390999	CM049d03			72.6	39.3	67.1	0.5	0.2	0.6	0.2
10236	**117d10**	AV632670	HC011b05			8.2	5.9	10.3	0.7	0.2	0.6	0.1
10237	**011c09**	AV634607	HC035e07			22.9	11.0	21.6	0.5	0.1	0.6	0.3
10238	**126g06**	AV641456	HCL034a03			18.9	12.8	25.2	0.7	0.1	0.6	0.2
10239	**134d01**	AV619204	LC005b03			9.9	9.7	17.1	1.0	0.3	0.6	0.1
10240	**030c02**	AV631486	LCL094h02			26.8	10.8	19.0	0.4	0.2	0.6	0.2
10241	**013c10**	AV638444	HC086e01			28.0	15.7	28.5	0.6	0.1	0.6	0.2
10242	**155g05**	AV631590	LCL096e11			70.2	42.4	74.2	0.6	0.1	0.6	0.1
10243	**104e11**	AV395893	CL51e02			4.3	3.4	6.7	0.8	0.1	0.6	0.2
10244	**170g12**	BP097607	MXL078d10			17.0	11.7	30.0	0.6	0.3	0.6	0.5
10245	**128h04**	AV642573	HCL054a12			28.4	21.0	37.0	0.8	0.3	0.6	0.0
10246	**156g07**	BP086336	MX006g09			32.1	18.6	45.7	0.7	0.3	0.6	0.4
10247	**032b04**	BP092979	MXL001g03			21.2	10.7	19.6	0.5	0.1	0.6	0.2
10248	**018f06**	AV619027	LC002g07			42.5	22.8	40.5	0.6	0.2	0.6	0.2
10249	**163g05**	BP094489	MXL023h04			24.3	11.3	26.0	0.5	0.2	0.6	0.4
10250	**124d08**	AV640137	HCL011a08			17.6	11.0	19.6	0.6	0.2	0.6	0.1
10251	**103a12**	AV395049	CL31e09			9.6	10.2	22.2	1.1	0.2	0.6	0.3
10252	**105e05**	AV396618	CL64g05			8.7	6.3	11.6	0.7	0.1	0.6	0.1
10253	**169g06**	BP097106	MXL070b05			8.9	4.8	8.5	0.5	0.4	0.6	0.4
10254	**162g07**	BP093917	MXL015f01			42.7	20.0	51.7	0.5	0.3	0.6	0.4
10255	**003e08**	AV396743	CL66g05			5.0	5.9	11.3	1.3	0.7	0.6	0.3
10256	**112b06**	AV391499	CM054h08			8.9	6.5	12.9	0.7	0.1	0.6	0.2
10257	**018g04**	AV619057	LC003b08			116.6	60.7	114.0	0.6	0.4	0.6	0.3
10258	**105b11**	AV397907	CL59c04			8.8	7.8	17.0	0.9	0.1	0.6	0.2
10259	**162g10**	BP093931	MXL015g09			19.2	14.0	29.5	0.7	0.4	0.6	0.4
10260	**110c08**	AV389105	CM035b05			146.7	59.4	106.1	0.4	0.2	0.6	0.2
10261	**163g07**	BP094496	MXL024a06			5.0	4.5	8.7	0.9	0.7	0.6	0.4
10262	**172d10**	BP098375	MXL092d09			11.4	6.0	13.3	0.5	0.2	0.6	0.3
10263	**166g09**	BP095761	MXL047a05			14.6	7.4	15.0	0.5	0.4	0.6	0.5
10264	**155e12**	AV631474	LCL094f07			22.6	17.8	36.3	0.8	0.1	0.6	0.2
10265	**166g02**	BP095738	MXL046f03			39.9	41.4	83.1	1.3	1.0	0.6	0.4
10266	**104c03**	AV395630	CL46c04			53.0	19.2	34.3	0.4	0.0	0.6	0.1
10267	**157e06**	BP086993	MX022d04			12.9	12.3	25.9	1.0	0.2	0.6	0.2
10268	**169g11**	BP097127	MXL070e08			9.2	6.4	11.1	0.6	0.2	0.6	0.4
10269	**106e10**	AV386485	CM001f07			49.8	28.8	53.1	0.6	0.1	0.6	0.1

	A	B	C	D	E	F	G	H	I	J	K	L
10270	**103e11**	AV395183	CL39a06			4.7	3.8	7.4	0.8	0.2	0.6	0.3
10271	**106f02**	AV386523	CM001h01			24.5	21.1	38.0	0.9	0.3	0.6	0.1
10272	**168h07**	BP096733	MXL063h09			8.3	5.0	10.5	0.6	0.3	0.6	0.4
10273	**164f08**	BP094851	MXL031b01			28.3	20.1	36.2	0.7	0.1	0.6	0.1
10274	**161g09**	BP093330	MXL006h10			37.0	19.8	46.8	0.6	0.4	0.5	0.4
10275	**162h10**	BP094002	MXL016g11			10.4	7.5	17.1	0.6	0.2	0.5	0.5
10276	**137g06**	AV621862	LC041h07			20.5	18.7	34.2	1.0	0.3	0.5	0.0
10277	**106b06**	AV397086	CL75c11			11.9	8.4	15.9	0.7	0.1	0.5	0.1
10278	**118b09**	AV633537	HC021h11			10.1	6.1	12.2	0.6	0.1	0.5	0.2
10279	**032d05**	BP093228	MXL005c10			23.6	14.0	25.5	0.6	0.1	0.5	0.0
10280	**025d06**	AV627315	LCL024h04			16.7	9.3	17.1	0.6	0.1	0.5	0.2
10281	**155g06**	AV631591	LCL096e12			6.3	5.4	9.8	0.9	0.4	0.5	0.1
10282	**167h08**	BP096240	MXL055b06			10.0	5.7	10.8	0.6	0.1	0.5	0.2
10283	**030g03**	BP086124	MX002c11			19.7	25.4	46.5	1.3	0.6	0.5	0.0
10284	**172g07**	BP098529	MXL094g05			16.1	11.4	30.3	0.7	0.5	0.5	0.5
10285	**019c06**	AV619875	LC013b05			16.9	9.6	18.2	0.6	0.1	0.5	0.1
10286	**003d07**	AV396428	CL62a05			10.4	9.4	18.1	0.9	0.1	0.5	0.2
10287	**107g07**	AV387173	CM012f05			119.8	56.6	100.7	0.5	0.2	0.5	0.1
10288	**001f09**	AV394177	CL19d04			4.0	2.7	5.0	0.7	0.0	0.5	0.1
10289	**015h07**	AV641521	HCL035c05			14.7	22.3	41.4	1.9	1.3	0.5	0.2
10290	**169h03**	BP097145	MXL070h02			14.0	8.7	16.7	0.6	0.2	0.5	0.3
10291	**160h12**	BP089431	MX207b08			5.1	5.1	9.6	1.0	0.2	0.5	0.1
10292	**161h10**	BP093387	MXL007g02			9.3	6.1	12.5	0.7	0.2	0.5	0.3
10293	**118b06**	AV633486	HC021d04			52.2	25.8	47.5	0.5	0.1	0.5	0.2
10294	**166h07**	BP095812	MXL047g08			4.5	4.4	9.9	0.8	0.3	0.5	0.5
10295	**171h07**	BP098152	MXL088c10			20.8	12.0	25.2	0.6	0.4	0.5	0.4
10296	**165g12**	BP095355	MXL040e03			28.3	17.9	33.8	0.6	0.1	0.5	0.1
10297	**171d10**	BP097932	MXL083g04			16.3	8.9	16.9	0.5	0.2	0.5	0.2
10298	**107b05**	AV386831	CM007c09			117.4	44.4	83.1	0.4	0.1	0.5	0.1
10299	**170h08**	BP097656	MXL079b07			186.2	81.0	154.0	0.4	0.0	0.5	0.1
10300	**102c12**	AV394289	CL20h07			16.1	13.6	29.0	0.9	0.1	0.5	0.2
10301	**156h07**	BP086413	MX008c07			21.6	11.4	23.5	0.6	0.3	0.5	0.3
10302	**170e02**	BP097434	MXL075f08			38.9	28.0	62.4	0.8	0.2	0.5	0.3
10303	**103b11**	AV394867	CL32h07			13.6	10.8	22.2	0.8	0.1	0.5	0.2
10304	**033b04**	BP094107	MXL018c07			7.9	4.9	10.2	0.6	0.2	0.5	0.2
10305	**018f08**	AV619034	LC002h03			16.6	13.5	28.8	1.4	1.3	0.5	0.3
10306	**132f08**	AV644786	HCL093g05			23.6	13.5	31.0	0.6	0.1	0.5	0.3
10307	**115h07**	AV391761	CM093c06			217.7	116.2	230.9	0.5	0.1	0.5	0.2
10308	**123e11**	AV639629	HCL002b02			22.0	14.7	31.4	0.7	0.1	0.5	0.2
10309	**172f02**	BP098445	MXL093d09			21.0	12.6	27.8	0.5	0.3	0.5	0.4
10310	**155d07**	AV631413	LCL093e04			20.5	7.1	15.7	0.3	0.1	0.5	0.2
10311	**023c10**	AV624939	LC084g10			652.3	293.5	515.9	0.4	0.2	0.5	0.3
10312	**112c05**	AV391655	CM055f05			153.7	70.5	139.9	0.5	0.1	0.5	0.2
10313	**034c10**	BP095639	MXL045a10			58.1	33.9	83.7	0.6	0.1	0.5	0.3
10314	**169b10**	BP096864	MXL066a12			63.4	17.8	42.2	0.3	0.1	0.5	0.3
10315	**110d09**	AV389312	CM036a09			24.2	12.4	25.0	0.5	0.1	0.5	0.1
10316	**161g10**	BP093339	MXL007a12			24.4	13.1	32.1	0.5	0.3	0.5	0.4
10317	**101b03**	AV397592	CL02a01			23.3	24.7	52.3	1.3	0.8	0.5	0.1
10318	**105b07**	AV396230	CL58f08			7.6	5.6	12.7	0.7	0.1	0.5	0.2
10319	**167h07**	BP096239	MXL055b05			39.6	18.1	37.3	0.5	0.2	0.5	0.1
10320	**115f01**	AV391173	CM089e12			260.0	106.3	249.6	0.4	0.1	0.5	0.3
10321	**169g10**	BP097121	MXL070e01			4.5	4.3	9.1	0.9	0.2	0.5	0.4
10322	**107f07**	AV386944	CM011c11			13.4	9.2	20.0	0.7	0.1	0.5	0.2
10323	**155h09**	AV631652	LCL097f02			13.7	7.1	24.4	0.5	0.4	0.5	0.5
10324	**003e10**	AV396715	CL67g12			9.3	3.9	8.0	0.4	0.1	0.5	0.1
10325	**156e09**	BP086193	MX003g04			86.4	52.7	101.1	0.6	0.3	0.5	0.2
10326	**008h08**	AV389767	CM080a07			28.6	14.9	30.7	0.6	0.2	0.5	0.1
10327	**140h06**	AV624129	LC073c12			12.2	7.4	15.3	0.6	0.1	0.5	0.0
10328	**156g10**	BP086352	MX007b04			32.6	19.6	46.2	0.6	0.2	0.5	0.2
10329	**168g12**	BP096709	MXL063e03			30.7	20.6	53.5	0.7	0.1	0.5	0.3
10330	**113d09**	AV393115	CM067g02			538.1	215.3	447.9	0.4	0.1	0.5	0.1
10331	**170h04**	BP097629	MXL078g02			5.5	3.3	8.3	0.5	0.2	0.5	0.4
10332	**159h10**	BP088219	MX054d03			4.5	3.3	7.8	0.7	0.2	0.5	0.4
10333	**162h09**	BP094001	MXL016g10			17.7	9.0	21.4	0.5	0.3	0.5	0.3
10334	**102d10**	AV394255	CL22c12			16.3	10.9	24.4	0.7	0.2	0.5	0.2
10335	**112g10**	AV392317	CM060g07			43.8	26.6	62.1	0.6	0.2	0.5	0.2
10336	**159g03**	BP088024	MX049f12			50.1	18.5	38.8	0.4	0.0	0.5	0.0
10337	**172g10**	BP098539	MXL095a09			18.8	10.7	27.8	0.5	0.2	0.5	0.4
10338	**031d12**	BP086897	MX019g04			82.8	34.6	79.9	0.4	0.3	0.5	0.3
10339	**101d10**	AV393528	CL08a10			16.1	12.1	28.9	0.8	0.1	0.5	0.2
10340	**024g03**	AV626794	LCL015e08			68.1	97.2	241.6	1.4	0.1	0.5	0.1
10341	**172e03**	BP098401	MXL092g08			20.5	16.0	34.0	0.8	0.3	0.5	0.1
10342	**157h04**	BP087224	MX028d04			57.9	33.9	74.1	0.6	0.0	0.5	0.0
10343	**156g09**	BP086351	MX007b03			32.6	11.1	24.5	0.3	0.0	0.5	0.0
10344	**112f10**	AV392205	CM059b05			19.0	12.1	29.6	0.6	0.1	0.4	0.2
10345	**160h02**	BP089350	MX205f02			18.0	8.1	19.8	0.5	0.1	0.4	0.2
10346	**172g09**	BP098534	MXL094h05			31.0	16.0	54.8	0.5	0.3	0.4	0.4
10347	**030h12**	BP086325	MX006e12			6.0	7.3	16.9	1.2	0.1	0.4	0.1
10348	**162f05**	BP093848	MXL014f07			8.1	8.2	18.5	1.1	0.4	0.4	0.1
10349	**005g07**	AV388393	CM029d03			32.9	14.3	31.3	0.5	0.3	0.4	0.2
10350	**169h05**	BP097150	MXL070h08			49.8	18.9	47.0	0.4	0.1	0.4	0.3
10351	**169g07**	BP097113	MXL070c11			32.5	10.4	23.9	0.3	0.1	0.4	0.1
10352	**157h09**	BP087294	MX031a03			51.3	23.7	57.0	0.4	0.2	0.4	0.3
10353	**131c04**	AV643976	HCL079e04			32.3	22.6	52.8	0.7	0.1	0.4	0.0
10354	**159g08**	BP088096	MX051d10			15.2	8.1	18.2	0.5	0.3	0.4	0.2
10355	**006f09**	AV390274	CM044h09			6.4	4.2	9.7	0.7	0.2	0.4	0.1
10356	**165d02**	BP095781	MXL047c10			31.3	9.8	22.5	0.3	0.1	0.4	0.2
10357	**118b05**	AV633473	HC021c02			148.5	44.7	108.2	0.3	0.1	0.4	0.1
10358	**004f08**	AV387133	CM012b08			27.1	14.9	35.0	0.5	0.1	0.4	0.1
10359	**002f09**	BP092828	MX259f12			216.5	90.6	219.0	0.4	0.1	0.4	0.1
10360	**005h08**	AV388720	CM031f06			714.8	308.7	789.0	0.5	0.2	0.4	0.1
10361	**162g09**	BP093928	MXL015g05			57.5	18.6	56.3	0.4	0.2	0.4	0.2
10362	**149b05**	AV628361	LCL040f01			92.3	47.5	127.9	0.5	0.0	0.4	0.1
10363	**002h08**	AV395944	CL51f03			29.7	11.8	31.2	0.4	0.1	0.4	0.1
10364	**157g10**	BP087165	MX027a10			16.6	4.9	14.0	0.3	0.1	0.4	0.0
10365	**162c11**	BP093662	MXL011f06			2.9	4.0	11.9	1.5	0.4	0.4	0.1
10366	**003f09**	AV396873	CL71d10			5.5	8.1	21.9	1.7	1.3	0.4	0.1
10367	**170h07**	BP097647	MXL079a01			892.5	241.9	755.8	0.3	0.1	0.3	0.0
10368	**157h02**	BP087178	MX027d12			200.9	70.1	231.8	0.3	0.0	0.3	0.1
10369	**163h09**	BP094557	MXL024h09			51.6	14.6	49.2	0.3	0.0	0.3	0.0
10370	**013e12**	AV638908	HC092d11			14.0	6.6	33.9	0.5	0.1	0.2	0.1