

Average number of protein members contain a domain family in an organism. The table includes the average values estimated in Eukaryotes (second column), Bacteria (third column) Achaea (fourth column) and in the full dataset (fifth column). Last Column includes tethering number of domain families

**Table S15**

Domain family na	Eukaryote	Bacteria	Achaea	In all the organisms	Tethering number
IPR003593	101.54	114.05	102.65	57.55	450
IPR017442	26.14	137.66	6.75	2.69	444
IPR003961	27.49	119.2	5.28	9.06	315
IPR019781	77.71	220.48	5.65	3	296
IPR019734	22.87	64.76	16.82	26.06	277
IPR001650	18.32	71.28	12.57	9.93	274
IPR002110	70.97	333.22	8.57	8	273
IPR001841	68.85	74.12	1	0	268
IPR014001	18.19	66.69	12.81	11.26	262
IPR000477	15.03	63.71	2.54	2.75	254
IPR001584	16.36	84.79	9.14	2	242
IPR001680	120.93	285.35	22.67	30	241
IPR001440	8.17	27.62	5.31	6.35	236
IPR000504	53.15	159.73	2.12	2.5	235
IPR013026	6.17	11.12	5.72	2.23	234
IPR001611	87.05	273.58	6.78	20	234
IPR007087	213.03	270.95	1	1.55	222
IPR003594	32.03	14.55	35.28	13	203
IPR002885	428.9	560.97	1.24	0	201
IPR001789	41.18	14.16	44.31	16.17	201
IPR013103	112.52	112.52	0	0	196
IPR000182	22.15	24.12	22.71	9.72	195
IPR018249	13.77	37.65	2.82	9.33	190
IPR000421	6.19	14.32	3.92	0	190
IPR002182	25.19	67.62	4.27	1.33	176
IPR001478	9.64	53.04	5.39	1.27	174
IPR002290	36.24	91.62	1.26	0	173
IPR001810	65.94	72.43	4.25	0	171
IPR001965	37.96	37.96	0	0	167
IPR001245	31.05	58.29	1.04	1	167
IPR002035	5.55	20.51	3.6	2.44	166
IPR011701	34	80.33	29.69	15	164
IPR013105	3.56	6.34	3.19	2.83	159
IPR001878	51.43	51.43	0	0	155
IPR001849	46.47	49.64	1	1	155
IPR002198	26.59	57.48	23.96	6.22	153
IPR022409	6.28	5.97	3.16	36.94	152
IPR001119	23.07	6.67	23.99	0	148
IPR001387	13.3	1.63	14.96	6.43	147
IPR013216	11.74	18.36	11.15	9.44	147
IPR005135	4.65	16.29	3.48	1.22	144
IPR000595	7.46	18.49	6.09	1	143
IPR000873	17.37	39.18	15.27	9.1	143
IPR000048	27.9	43.23	1.08	0	142
IPR001254	9.25	69.15	3.42	1.24	137
IPR003598	179.48	196.19	4	0	135
IPR000014	15.8	12.17	15.55	39.82	134
IPR003599	87.23	118.07	2.93	0	132
IPR003661	22.32	9.66	23.51	9.14	132
IPR013027	13.13	15.73	13.08	9.47	130
IPR017909	4.97	3.17	4.92	7.56	130
IPR001452	51.94	55.58	1	0	127
IPR000073	13.78	27.88	12.52	3.16	125
IPR002482	5.54	6.36	5.47	0	124
IPR006210	56.91	56.91	0	0	123
IPR003343	4.39	1.88	4.49	5.67	122
IPR000571	38.94	38.94	0	0	120
IPR000008	49.91	51.02	1	1	119
IPR001623	6.98	38.04	3.58	2.6	119
IPR005834	14.72	30.46	13.22	9.37	118
IPR000160	16.89	6.4	17.06	1	116
IPR000209	4.97	13.93	3.6	2.53	116
IPR000742	41.26	41.89	5	0	115
IPR017896	10	2.6	9.84	20.89	115

IPR001450	10.71	3.78	10.38	26.91	114
IPR006209	24.26	24.81	1	0	112
IPR001881	119.77	125	2	0	111
IPR004843	8.75	17.77	7.79	7.8	110
IPR000253	6.07	14.22	4.35	1.5	109
IPR003018	9.44	6.1	9.9	7.19	108
IPR000953	24.05	24.05	0	0	106
IPR007110	9.93	16.14	2	2.5	105
IPR005162	77.27	79.05	1	0	105
IPR000210	42.3	42.76	3	0	104
IPR001128	26.82	88.48	7.01	1.29	103
IPR006163	8.14	17.18	7.21	1.33	103
IPR000772	5.72	9.93	3.7	2	101
IPR001173	11.93	9.25	12.32	10.7	100
IPR019546	2.04	1	2.03	2.4	99
IPR018957	9.95	9.95	0	0	95
IPR001214	9.56	22.76	1.16	1	95
IPR001763	7.9	12.71	7.52	4.63	94
IPR000644	14.24	21.01	12.74	26.67	94
IPR001054	6.46	14.1	4.45	4	94
IPR001304	33.86	45.33	1.5	1	93
IPR000357	7.9	23.54	2.13	2.6	93
IPR013767	3.93	5.66	3.58	8.07	92
IPR013656	6.58	1.6	6.57	13.25	90
IPR008160	26.97	90.65	8.15	1.8	88
PF07679	57.17	66.63	2	0	88
IPR002909	7.91	12.61	3.59	1.5	87
IPR000157	9.4	25.9	1.95	1	86
IPR013111	27.36	27.36	0	0	86
IPR001296	11.66	9.58	11.96	10.43	86
IPR006076	7.93	12.79	7.52	5.2	85
IPR003660	17.91	5.76	18.73	8.32	84
IPR013217	3.21	7.05	2.68	1.86	84
IPR018248	12.03	17.29	1.64	0	83
IPR000884	53.96	57.51	3	0	83
IPR001005	57.56	67.58	1	0	83
PF05729	5.47	12.87	2.45	1.6	82
IPR012854	6.57	0	6.57	0	82
IPR020683	5.11	9.53	1.87	0	82
IPR015940	12.86	13.61	1	0	82
IPR019948	7.26	0	7.26	0	81
IPR020635	29.1	29.1	0	0	81
IPR013655	6.64	4.21	6.87	9.07	80
IPR001202	22.74	22.74	0	0	80
IPR000626	28.02	28.58	1	0	80
IPR013766	6.13	28.69	3.72	2.72	80
IPR002126	78.37	230	3.66	1	79
IPR003088	8.58	1.95	9.63	1.5	79
IPR001932	5.31	18.43	3.48	2	78
IPR000086	9.38	13.16	9.31	3.67	78
IPR001610	6.37	3.89	6.43	10.56	78
IPR002477	3.77	6.31	3.55	1	77
IPR001357	3.02	19.93	1.14	1	76
IPR005084	4.36	1.33	4.44	7	76
IPR000408	28.72	43.84	12.28	28	76
IPR003959	2.9	7.75	1.63	1.37	75
IPR008009	5.98	1.14	6.38	3.5	75
IPR003644	7.39	13	5.04	0	75
IPR015880	178.23	184.08	1	1	75
IPR001138	103	103	0	0	75
IPR001633	10.82	5.25	10.87	0	74
IPR006652	19.41	47.82	3.42	4	74
IPR001487	19.72	20.64	1	0	74
IPR000601	3.15	6	2.84	3.22	74
IPR002048	39.45	46.9	1.39	0	73
IPR003607	6.08	6.53	6.21	3.2	73
IPR001343	36.66	2	37.01	5	73
IPR001258	8.15	19.02	4.44	16.78	71
IPR001394	21.28	23.74	1.1	0	71

IPR002172	106.22	108.78	4	0	70
IPR001356	57.1	57.1	0	0	69
IPR000449	1.45	5.62	1.06	1	69
IPR002219	18.57	18.57	0	0	68
IPR001279	7.9	6.99	7.83	10.52	68
IPR013091	10.12	10.3	1	0	67
IPR001509	10.9	18.6	10.4	5.64	66
IPR001876	10.61	14.79	1	1	66
IPR000980	25.54	25.54	0	0	66
IPR001660	16.79	18.21	1	0	66
IPR001466	4.42	4.75	4.43	1.57	66
IPR003610	3.27	1.62	3.28	5.4	66
IPR004089	16.05	5.6	16.5	7.78	65
IPR000792	11.83	6.33	12	1.12	65
PF07721	3.51	2.81	3.71	1.89	65
IPR003439	6.69	10.4	6.53	2.52	65
IPR011545	2.14	4.19	1.61	1	65
IPR001919	4.68	1	4.83	2	65
IPR001087	4.22	16.65	2.7	1.58	65
IPR001715	26.03	26.03	0	0	65
IPR013149	11.31	24.47	10.05	5.29	64
IPR001683	14.88	14.88	0	0	64
IPR003591	16.96	22.02	1.22	0	64
IPR006665	5.89	1	5.9	0	64
IPR001433	5.11	8.91	4.77	1.76	64
IPR012680	2.46	3.83	1.55	1	64
IPR001791	28.85	46.22	1.05	0	64
IPR000795	8.28	18.4	7.35	5.11	63
IPR007527	3.25	11.01	1.6	2.24	63
IPR001899	2.41	1	2.45	2	63
IPR011600	2.91	3.83	2.52	1	63
IPR019787	3.88	3.88	0	0	62
IPR006530	12.47	1.72	13.44	14	62
IPR006597	18.61	25.32	17.46	1	61
IPR002156	3.09	25.07	1.24	1.18	61
IPR018289	23.95	43.76	1.77	2.25	61
IPR006094	5.45	16.25	4.54	3.13	60
IPR003646	3.18	12	3.15	0	60
IPR002938	5.88	14.9	4.96	1.73	60
IPR000219	19.51	20.03	2	0	60
IPR003587	1.93	2.36	1.85	1.65	59
IPR003653	9.21	13.11	1.3	0	59
IPR005821	10.82	35.37	1.23	1.2	59
IPR002509	3.64	3.91	3.65	1.83	59
IPR000910	19.01	19.01	0	0	59
IPR005877	7.79	0	7.79	0	58
IPR007219	77.94	77.94	0	0	58
IPR003305	3.4	6.77	2.92	0	58
IPR000315	18.34	25.24	1.11	1	58
IPR008906	14.67	14.67	0	0	57
IPR000859	50.64	54.27	1	0	57
IPR002479	51.74	0	51.74	0	57
IPR004839	11.48	16.96	11.19	6.28	57
IPR009056	3.99	1.2	4.08	1	57
IPR001638	8.57	7	8.88	2.44	57
IPR006584	4.68	1	4.1	21.5	57
IPR001092	38.28	40.01	1	0	57
IPR013247	2.27	3.5	2.25	0	57
IPR004365	5.77	8.84	5.46	5.78	57
IPR007280	3.02	1.33	3.13	1.29	57
IPR004087	5.69	34.5	2.51	3.6	56
IPR007253	24.65	0	32.26	2.75	56
IPR018392	2.43	6.67	1.82	0	56
IPR000306	11.12	11.12	0	0	56
IPR001752	21.98	21.98	0	0	56
IPR000225	35.03	43.59	2	0	56
IPR013154	10.67	21.77	9.55	6.47	56
SM00316	10.1	10.35	10.45	3.87	55
PTHR23083	2.62	4.05	2.53	1.14	55

IPR003953	4	3.76	4.13	2.3	55
IPR006680	5.99	6.86	5.98	4.74	55
IPR008333	4.19	5.6	4.13	1.78	55
IPR006674	2.6	1.65	2.72	1.63	55
IPR008207	4.97	2.74	5.28	1.21	54
IPR002049	76.21	78.48	1	0	54
IPR014030	3.52	6.87	3.21	1	54
IPR003034	6.29	8.38	1.1	0	54
IPR012934	94.42	94.42	0	0	54
IPR000436	86.22	86.22	0	0	54
IPR001041	6.78	5.96	7.12	2.79	54
IPR003586	1.9	2.42	1.67	1.78	53
IPR006055	3.2	6.43	2.87	1	53
IPR007197	7.24	2.41	7.3	12.09	53
IPR000276	154.58	154.58	0	0	53
IPR011635	4.06	0	3.97	4.32	53
IPR014031	3.32	6.56	3.01	0	53
IPR011031	4.18	1	4.32	2.75	53
IPR000330	2.49	4.29	1.29	1	52
IPR017941	5.01	5.05	5.01	4.96	52
IPR013017	4.08	6.59	3.32	2.25	52
IPR013517	5.65	2.88	6.74	3	52
IPR008454	9.44	1.86	10.18	2.9	52
IPR016047	4.51	2	4.61	1	51
IPR011659	6.5	4.55	6.84	2.7	51
IPR001242	11.7	21.42	10.73	1	51
IPR002860	9.96	10.19	9.95	7	51
IPR002912	8.45	10.13	8.48	5.46	51
IPR002575	5.28	13.52	4.48	1.65	51
IPR000433	8	8	0	0	51
PF07691	1.82	3	1.57	0	50
IPR013069	8.31	8.32	8	0	50
IPR020842	4.82	5.52	4.63	0	50
IPR018242	49.8	0	49.8	0	49
IPR001609	11.23	11.23	0	0	49
IPR000082	9.68	10.28	1	0	49
IPR002181	23.03	25	2.67	0	49
IPR001007	23.46	24.12	1	0	49
IPR002917	8.87	13.84	8.57	4.76	49
IPR000757	4.42	10.5	2.09	1	49
IPR002937	4.32	9.49	3.68	2.12	49
IPR001867	13.05	4.25	13.1	0	48
IPR018060	16.06	6.6	16.19	1	48
IPR003903	8.88	8.88	0	0	48
IPR011658	1.93	1.85	2.02	1	48
PD936484	1.43	1.67	1.27	1	48
IPR000203	10.47	10.47	0	0	48
IPR008258	4.17	1.78	4.26	0	48
IPR004332	35.74	35.74	0	0	47
IPR000159	10.92	10.92	0	0	47
IPR006935	1.91	4.15	1.49	1.58	47
IPR000832	19	19	0	0	47
IPR005471	5.98	1.5	6.27	2.89	47
IPR019557	131.17	131.17	0	0	47
IPR003410	4.18	5.83	2.94	0	47
IPR002893	10.97	11.1	1	0	47
IPR011583	4.26	9.43	1.9	2	47
IPR000845	3.23	6.97	2.9	2.13	47
IPR008250	6.53	20.66	4.97	3.58	47
IPR003613	10.84	11.09	4.33	0	46
IPR002197	9.17	2.67	9.2	0	46
IPR006638	9.14	4.84	9.45	11.37	45
IPR001753	8.78	12.24	8.49	4.82	45
IPR005828	11.35	42.06	5.58	5.32	45
IPR002645	4.72	5.72	4.65	2.31	45
PF00326	3.86	6.94	3.53	1.91	45
IPR017448	32.09	32.09	0	0	45
IPR021720	9.39	15.12	2.65	1	44
IPR001764	2.82	10.36	2.32	1.64	44

IPR001845	5.99	3	5.86	7.93	44
IPR001759	5.07	6.32	1.17	1	44
IPR006016	7.25	11.9	6.94	7.46	44
IPR011098	3.25	0	3.25	0	44
IPR001646	9.27	6.65	9.58	6.8	44
IPR004875	14.11	18.65	2.62	1.5	44
IPR018108	103.85	106.31	1.5	0	44
IPR020841	7.78	5.75	8.24	0	44
IPR008254	3	4.68	2.79	2.46	44
IPR001828	6.49	22.54	4.83	2.73	43
IPR000668	8.93	18.68	1.29	1.88	43
IPR003877	6.75	7.11	1	0	43
IPR002044	2.65	4.31	1.3	1	43
IPR003344	8.46	0	8.74	5.2	43
IPR000863	5.5	17	2.68	1	43
IPR013096	6.2	5.16	6.44	3.75	43
IPR007627	10.62	7.9	10.66	0	43
IPR020801	5.67	9.96	4.92	0	43
IPR020806	9.18	3.81	9.84	0	43
IPR011490	17.18	0	17.18	0	43
IPR006154	3.54	2.16	3.69	3.09	43
IPR000198	17.56	18.64	1	0	43
PF07859	4.96	14.21	3.66	2.06	43
IPR005814	5.72	6.91	5.77	3.17	43
IPR018355	8.86	8.97	1	0	43
IPR013242	41.14	47.83	1	0	43
IPR000467	9.97	9.97	0	0	42
IPR011712	4.33	2	4.34	0	42
IPR013229	4.2	1	3.56	9.2	42
IPR000551	6.15	4	6.21	3.87	42
IPR002109	3.36	9.59	2.64	2.5	42
PF08279	3.22	3	3.31	2.02	42
IPR000700	1.85	1	1.8	2.62	42
IPR000195	19.96	19.96	0	0	42
IPR003616	3.74	5.92	1.11	1	42
IPR001223	2.77	5.88	1.52	1.33	42
IPR007502	3	10.8	1.44	0	42
IPR006104	2.75	3.22	2.69	1.44	42
IPR009875	3.93	2	3.94	0	41
IPR006644	5.04	3	6.5	1	41
IPR000866	4.48	6.67	4.3	3.23	41
IPR011123	4.73	1	4.96	1.5	41
IPR000569	9.93	10.88	1	0	41
IPR012312	4.38	7.88	4.23	3.13	41
IPR001781	44.29	45.83	1	1	41
IPR002557	86.41	98.92	2.8	4	41
IPR007730	3.08	1	3.09	0	41
IPR011080	2.53	0	2.53	0	41
IPR000998	15.22	18.9	1.88	0	41
IPR000991	5.95	7.56	5.81	5.74	41
IPR002931	2.92	3.22	2.95	1.84	41
IPR004242	62.42	62.42	0	0	41
IPR000313	7.42	7.42	0	0	41
IPR001199	9.71	14.49	1.4	1.67	40
IPR002130	3.38	14.17	2.01	1.26	40
IPR000909	3.68	5.76	1.77	0	40
IPR013658	2.35	2.53	2.35	1.5	40
IPR001895	10.01	10.73	1	0	40
IPR005158	3.22	1	3.37	1	40
IPR013378	9.1	0	9.1	0	40
IPR011709	2.98	10.42	1.02	0	40
IPR003014	6	8.38	1.25	0	40
IPR011498	7.36	8.25	1.67	1.4	40
IPR002772	2.94	8.54	2.24	1.6	40
IPR002999	3.76	3.76	0	0	40
IPR006047	4.43	5.57	4.35	2.06	40
IPR017868	2.49	3.58	1.11	1.67	40
IPR013753	11.12	14.95	1.29	2.6	40
IPR005546	4.91	3	4.92	0	39

IPR000270	7.12	7.12	0	0	39
IPR001024	8.14	9.85	1	1	39
IPR002889	3.96	3.96	0	0	39
IPR002223	33.54	38.29	1.2	0	39
IPR002831	3.03	1	1.58	7.93	39
IPR000524	13.7	3.33	14.06	1.56	39
IPR000445	1.71	1.76	1.72	1.33	39
IPR013078	5.02	10.73	4.5	1.44	39
IPR001507	17.97	17.97	0	0	38
IPR010259	5.38	13.26	2.1	2	38
IPR000089	5.85	8.16	5.85	1.63	38
IPR001031	3.19	3.32	3.17	0	38
IPR018453	17	17	0	0	38
IPR001547	3.66	9.1	2.33	4.5	38
IPR004046	8.53	20.48	6.17	1.17	38
IPR002123	4.19	9.77	3.6	1	38
IPR000515	35.96	4.78	37.48	17.43	38
IPR001159	2.47	17.23	1.06	1	38
IPR000608	25.45	26.05	1	0	38
IPR018337	20.58	0	20.58	0	38
IPR000212	3.92	2.5	4.06	2.5	38
IPR013221	5.65	2.48	5.97	1.89	37
IPR004039	2.14	2.92	2.02	3.82	37
IPR003347	3.75	10.35	1.43	0	37
PF01637	2.17	1.37	1.75	4.53	37
IPR001140	10.4	34.83	7.83	1.82	37
IPR000483	27.14	27.14	0	0	37
IPR004010	3.88	3.2	3.96	2.88	37
IPR000679	11.44	11.58	1	0	37
IPR014043	1.73	3.25	1.59	0	37
PF05368	4.17	11.58	3.09	1.57	37
IPR000878	4.06	1.79	4.22	5.07	37
IPR013210	169.57	182.54	1	0	37
IPR004155	4.73	3.65	4.55	8.73	37
IPR006612	23.17	23.96	1	0	36
IPR002350	15.67	18.02	3	3	36
IPR006059	10.01	2.9	10.45	4.57	36
PF07995	1.7	2.2	1.69	1.36	36
IPR006970	2	2.44	1.38	1	36
IPR013120	3.92	10.42	1.64	1	36
IPR001846	11.68	13.48	1.2	0	36
IPR001025	7.32	7.32	0	0	36
IPR000961	15.99	16.16	1	0	36
IPR000326	3.67	8.4	3.22	1.44	36
IPR001647	18.92	4	19.74	2.76	36
IPR001926	6.84	9.08	6.69	5.41	36
IPR006710	4.64	6.07	4.36	4	36
IPR004161	8.2	14.99	7.65	4.7	35
IPR011611	5.35	7.87	5.27	2.48	35
IPR013222	2.1	1	2.13	0	35
IPR000591	6.61	7.23	1.25	0	35
IPR000242	9.36	13.81	1.03	1	35
IPR013525	6.39	20.19	4.92	4.21	35
IPR021129	4.06	4.14	1	0	35
PF00753	2.57	3.61	2.42	2.96	35
IPR007021	28.82	28.82	0	0	35
IPR013126	3.99	16.31	2.6	1.25	35
IPR007848	3.03	3.52	3.04	2.26	35
IPR010496	3.69	1.5	3.82	0	35
IPR005532	2.61	1.84	2.71	2.5	35
IPR002083	14.1	14.1	0	0	35
IPR003029	1.59	2.25	1.45	1	35
IPR002178	3.76	1.5	3.8	0	35
IPR000727	11.67	14.11	1	1	35
IPR000683	5.53	5.17	5.71	3.14	35
IPR018111	1.74	3.7	1.11	1.45	35
IPR012910	17.42	6	17.47	0	34
IPR013968	2.27	2.8	2.1	0	34
IPR003609	17.27	17.27	0	0	34

IPR000305	2.11	1.51	2.18	1.65	34
IPR020807	5.22	8.13	4.55	0	34
IPR002867	14.27	14.27	0	0	34
IPR021133	3.31	4.09	1.13	1	34
IPR001480	26.97	79.58	1.75	1	34
IPR000120	3.55	9.84	3.01	1.49	34
IPR006589	3.28	7.11	2.84	1.78	34
IPR004360	8.7	6.3	9.23	3.1	34
IPR000064	2.96	1.69	2.99	1	33
IPR006026	5.66	14.02	1.39	1.5	33
IPR000835	9.12	2.5	9.5	3.58	33
PTHR19959	2.72	4.1	1.99	1	33
IPR002859	2.39	3.17	1.45	0	33
IPR004841	8.93	23.22	7.34	4.76	33
IPR006121	5.15	17.54	3.94	3.13	33
IPR000403	6.62	11.01	1.03	0	33
IPR002104	8.65	2.92	9.02	3.62	33
IPR002586	7.35	2	7.4	7.78	33
IPR019749	17.8	17.8	0	0	33
IPR011497	10.26	11.07	2.67	0	33
IPR004045	10.37	21.12	7.82	0	33
IPR001401	3.83	9.35	1.93	1	33
IPR011449	8.88	11	8.85	0	33
IPR000415	4.04	1.82	4.28	3.15	33
PF06452	2.13	1	2.15	0	32
IPR008638	2.76	0	2.76	0	32
IPR003656	11.62	11.62	0	0	32
IPR001179	3.7	11.19	2.96	1.69	32
IPR011704	3.08	9.87	1.64	1.17	32
IPR000254	12.19	12.19	0	0	32
IPR001434	12.14	3	12.93	5.55	32
IPR000192	5.12	6.85	5.06	3.02	32
IPR013151	14.17	14.64	1	0	32
IPR011766	5.67	4.85	5.64	7.26	32
IPR001395	7.44	18.19	6.24	4.38	32
IPR002890	1.8	5.97	1.29	1.4	32
PF12171	6.24	6.24	0	0	32
IPR013249	8.73	1.83	8.93	1.2	32
IPR002934	3.05	3.62	2.64	6.39	32
IPR003141	2.69	1.71	2.72	2.31	32
IPR007867	4.67	12.41	3.54	1	31
IPR011641	8.94	8.94	0	0	31
IPR017877	7.46	7.66	1	0	31
IPR001251	17.88	18.11	0	1	31
IPR001761	11.8	1.67	11.88	1	31
IPR018391	3.78	3.36	3.53	8.59	31
IPR011081	2.73	0	2.76	1	31
IPR004027	2.19	2.5	2.19	1	31
IPR014778	14.98	14.98	0	0	31
IPR013106	20.71	20.71	0	0	31
IPR007484	3.55	8.16	2.44	1.29	31
IPR018905	2	0	2.05	1.81	31
IPR001525	2.75	5.56	2.39	1.66	31
IPR001220	23.13	64.5	1.07	1	31
IPR010666	5.02	5.07	2	0	31
IPR020843	3.04	3.96	2.5	0	31
IPR015590	10.17	16.38	9.92	2.4	31
IPR005835	5.66	4.49	5.76	6.11	31
IPR004827	20.28	20.28	0	0	31
IPR001164	9.03	9.03	0	0	30
IPR001206	2.41	6.51	1.78	1	30
IPR008145	1.74	6.96	1.18	0	30
IPR011511	3.65	5.31	1.54	1	30
IPR000782	5.07	11.58	1.95	3	30
IPR014044	1.86	3.43	1.76	1.2	30
IPR019955	3.21	3.27	1	0	30
IPR002007	4.64	6.09	2.13	0	30
IPR000372	15.59	15.59	0	0	30
IPR003137	3.57	6.61	2.04	1.25	30

IPR002641	3.55	7.68	3.02	2	30
IPR017447	6.73	7.01	1	0	30
IPR006153	4.33	9.08	3.9	2.89	29
IPR006158	3.33	2.36	3.42	2.42	29
IPR002591	2.34	4.53	1.81	1.89	29
IPR003265	2.98	4.54	2.82	2.8	29
IPR002884	2.36	2.89	1.92	0	29
IPR000005	6.23	1.3	7.1	0	29
IPR002078	1.94	1.25	2.05	1	29
IPR002508	1.96	1	1.96	1	29
IPR003323	5.24	5.61	1.75	0	29
IPR006141	1.72	1.5	1.89	1.17	29
IPR002589	1.65	3.77	1.23	1	29
IPR011510	3.19	3.19	0	0	29
IPR003010	3.95	7.23	3.72	1.82	29
IPR006068	3.03	9.16	1.88	2	29
IPR004101	4.99	1.88	5.1	1.11	29
IPR003115	2.46	1.44	2.56	1.46	29
IPR005102	1.96	1	2.44	0	29
IPR018771	1.69	0	1.64	3	29
IPR007889	8.18	13.55	1.12	1.83	29
IPR000340	2.86	6.84	1.18	1.06	29
IPR015706	4	4	0	0	29
IPR006555	1.67	2.88	1.48	1.59	29
IPR001736	4.42	8.41	4.05	1.5	28
IPR000868	3.5	4.34	3.51	1.68	28
IPR012001	4.29	5.18	4.26	3.26	28
IPR002921	4.77	10.79	1.56	1	28
IPR004193	2.81	2.19	2.91	1.8	28
IPR000488	12.21	12.81	1	0	28
IPR012317	4.48	4.58	1	0	28
PD968187	1.99	3.05	1.75	1.08	28
IPR001000	3.13	6.2	2.43	3	28
TIGR00229	1.42	2	1.38	1.5	28
IPR011495	2.45	0	2.17	10.29	28
IPR019554	3.14	1.62	3.3	1	28
IPR005479	4.67	7.33	4.54	2.72	28
IPR001943	2.74	5.86	2.71	2	28
IPR006090	11.14	10.25	11.43	6.63	28
IPR001482	3.73	2.11	3.74	3.91	28
IPR011623	2.18	1	2.19	0	28
IPR002213	11.27	33.48	1.88	0	28
IPR002901	1.64	0	1.64	0	27
IPR000836	8.35	8.94	8.35	7.28	27
TIGR01444	1.91	1.85	1.96	1.33	27
IPR002562	2.07	5.68	1.7	1	27
IPR001879	11.18	11.18	0	0	27
IPR003097	1.93	4.32	1.21	0	27
IPR000070	5.52	25.53	1.34	0	27
PF10282	1.71	2.28	1.65	3.25	27
IPR006171	1.4	1.18	1.43	1	27
IPR002502	1.86	1.96	1.86	0	27
IPR011705	25.21	25.21	0	0	27
IPR019587	3.79	6.16	3.61	3.14	27
IPR010730	18.7	18.7	0	0	27
IPR006656	5.65	1.59	6.16	4.07	27
IPR000620	16.63	17.43	17.17	6.98	27
IPR007560	1.42	1	1.39	2	27
IPR008334	2.31	3.62	2.19	1.56	27
IPR017986	2.02	2.16	1.12	0	27
IPR000172	4.63	12.73	3.38	1	27
TIGR01167	1.72	1	1.74	0	27
IPR007742	1.76	0	1.12	5.5	27
PTHR23155	15.4	46.5	1.05	0	27
IPR010285	3.46	5.52	1.4	0	27
IPR004820	3.09	6.42	2.75	3.09	27
IPR012307	4.46	2.33	4.76	2.86	26
IPR003582	24.47	24.47	0	0	26
IPR001471	28.27	126.25	1.55	0	26



IPR001739	8.78	8.78	0	0	26
IPR002883	13.5	0	13.5	0	26
IPR001064	9.71	33.15	2.49	1	26
IPR007921	2.93	6	2.9	0	26
IPR018159	123.17	123.17	0	0	26
IPR003657	69.08	69.08	0	0	26
IPR002539	3.57	2.63	3.74	3	26
TIGR02276	2.55	0	2.24	12	26
IPR006067	3.01	3.05	3.03	2.48	26
IPR000780	2.33	1.5	2.38	1.47	26
IPR006657	5.44	1.09	5.67	3.67	26
IPR011110	8.91	0	9	1	26
IPR002125	3.57	5.92	3.41	1.44	26
IPR006091	11.05	11.56	11.18	5.84	26
IPR006683	5.78	6.09	5.93	3	26
IPR006600	8.46	8.46	0	0	26
IPR000651	7.95	7.95	0	0	26
IPR004108	2.45	1.72	3	0	26
IPR014853	10.56	10.56	0	0	26
IPR000994	4.24	9.85	3.72	2.85	26
IPR000033	64.35	73.11	3	0	26
IPR000917	4.35	7.11	4.08	2.8	26
IPR006578	37.89	37.89	0	0	26
IPR001956	4.32	0	4.48	1	26
IPR002016	5.23	27.82	2.28	2	25
PTHR10499	1.53	2	1.23	0	25
IPR016048	7.34	3.53	7.89	1.77	25
IPR006575	6.04	6.04	0	0	25
IPR005481	4.57	7.14	4.43	2.79	25
IPR000555	3.93	9.33	1.1	1.08	25
IPR000719	2.46	3.77	1.14	1	25
IPR006649	9.72	14.3	0	1.67	25
IPR013684	3.24	4.03	1.04	1.67	25
IPR007419	2.63	1.06	2.72	1.52	25
IPR001353	3.43	18.44	1.22	2.64	25
IPR006175	3.35	4.01	3.38	1.14	25
IPR019748	2.37	2.42	1	0	25
IPR000623	1.88	3.23	1.81	1.26	25
IPR002121	1.81	2.71	1.69	1.33	25
IPR001327	1.16	1.33	1.14	1	25
IPR004182	7.03	7.69	1	0	25
IPR003409	18.77	36.73	7.53	0	25
PF09084	4.07	1.42	4.38	1.41	25
IPR002372	4.64	1.92	4.94	3.1	25
IPR002376	3.03	2.91	3.07	1.68	25
IPR002933	6.06	7.69	6.05	3.26	25
IPR013130	2.48	7.36	1.29	1	25
IPR003367	20.84	39.21	10.25	53	25
IPR006103	2.45	2.52	2.48	1.22	25
IPR006102	2.44	2.65	2.42	1.33	25
IPR002478	1.82	3.41	1.39	4.26	24
IPR002017	13.52	13.93	1	0	24
IPR000793	2.61	5.43	2.33	2.13	24
IPR001606	4.89	4.89	0	0	24
IPR011576	3.31	2.96	3.35	3.2	24
IPR002925	2.8	4.57	2.62	1.07	24
IPR000850	1.63	6.59	1.1	1.37	24
IPR003659	11.79	11.79	0	0	24
IPR004099	3.68	3.56	3.76	2.63	24
IPR000801	2.58	1.29	2.79	1	24
IPR003596	54.67	54.67	0	0	24
IPR011460	2.7	0	2.7	0	24
PTHR18958	4.11	7.73	1.66	0	24
IPR002218	1.52	1.25	1.55	1.06	24
PF07567	29.83	29.83	0	0	24
IPR003148	3.56	1.89	3.54	4.5	24
IPR002610	2.19	6.12	1.73	1.42	24
IPR008197	8.93	8.93	0	0	24
IPR013211	3.34	1	3.1	6.67	24

IPR001315	13.43	14.74	1	0	24
IPR006207	5.53	5.53	0	0	24
IPR017867	2.19	2.07	2.23	1.3	24
IPR006189	1.87	7.12	1.62	1	24
IPR005117	3.35	3.65	3.38	2.52	24
IPR000922	8.44	9.34	1.25	0	24
IPR002018	7.66	19.87	2.15	1.5	23
IPR006222	2.3	3.34	2.22	1.35	23
IPR004330	13.88	13.88	0	0	23
IPR003604	8.26	8.26	0	0	23
IPR013520	1.44	1.82	1.38	1.43	23
IPR000001	11.11	11.11	0	0	23
IPR013099	3.36	13.92	1.68	1.58	23
IPR000858	109.14	109.14	0	0	23
IPR013740	2.82	2.8	2.85	1.22	23
IPR012310	2.19	3.51	1.99	1.46	23
IPR006594	6.73	6.81	1	0	23
IPR007895	1.93	1.5	1.93	0	23
IPR003129	7.27	7.27	0	0	23
IPR003124	5.51	5.9	1	0	23
IPR011708	1.64	1.5	1.64	0	23
IPR001374	1.64	3.58	1.14	0	23
IPR002314	5.14	8.72	4.77	5.13	23
IPR006092	10.86	8.89	11.32	5.42	23
IPR000938	5.88	6.01	1	0	23
IPR006860	4.9	2	4.91	0	23
IPR013155	3.84	5.95	3.6	4.09	23
IPR001298	43.95	43.95	0	0	23
IPR003615	2.56	2.75	2.58	1.33	23
IPR006670	14.76	20.91	0	3.78	23
IPR008756	2.01	1	2.03	0	23
IPR010559	2.96	2.6	2.97	0	23
IPR006694	3.17	7.45	2.1	1	22
IPR013498	2.72	1.7	2.79	2.21	22
IPR006212	18.63	18.63	0	0	22
IPR000716	11.31	12.97	1	0	22
IPR005645	2.78	3.54	1.03	0	22
IPR001599	1.85	5.81	1.24	1	22
IPR004017	5.33	2.5	5.27	6.1	22
PF06283	2.19	1	2.3	1	22
IPR006145	5.1	3.03	5.32	1	22
IPR001915	3.09	2.7	3.18	2.44	22
IPR002553	9.25	10.33	1	1.43	22
IPR007081	1.33	4	1.02	2.04	22
IPR002625	1.44	3.42	1.24	0	22
PTHR22904	1.88	2.35	1.13	1	22
TIGR01965	13.67	0	13.67	0	22
IPR001310	1.96	2.99	1.86	1.7	22
IPR013163	3.01	1	2.98	5.5	22
IPR001229	12.15	17.64	1.2	1	22
IPR009081	1.63	2.44	1.34	0	22
IPR007202	1.4	1	1.34	2.58	22
IPR006963	4.02	1	4.16	2.52	22
IPR008191	12.18	12.18	0	0	22
IPR006620	3.44	9.48	1.61	0	22
IPR007630	4.13	7.56	4.16	1.11	21
IPR000743	7.33	23.15	2.39	1	21
IPR000297	2.88	2.33	2.95	1	21
IPR004273	6.36	6.36	0	0	21
IPR000834	3.38	9.66	1.79	1	21
IPR012640	1.18	1	1.18	0	21
IPR014045	1.82	2.04	1.27	0	21
IPR003601	1.64	2	1.59	1.82	21
IPR011129	4.89	6.91	4.78	3.43	21
IPR001494	9.51	9.74	1	0	21
IPR007421	1.65	5.67	1.54	1.75	21
IPR000535	5.86	6.18	1.2	0	21
IPR000531	17.13	10	17.18	0	21
IPR007892	1.47	0	1.44	2	21

IPR004014	3.11	10.1	1.9	2.21	21
IPR006143	10.11	2.8	10.17	0	21
IPR001002	8.3	8.3	0	0	21
IPR011707	3.45	11.94	2.02	2.67	21
IPR004129	2.55	4.89	2.29	1.36	21
IPR000095	6.73	6.73	0	0	21
IPR004853	9.7	9.93	1	0	21
PTHR23258	8.52	9.17	1	0	21
IPR001853	2.96	2.74	3.01	1.87	21
IPR005181	2.39	2.79	2.34	1	21
IPR004176	4.2	7.43	4.02	2	21
IPR004170	3.42	3.49	1	0	21
IPR002711	1.53	1.67	1.53	1.2	21
IPR010488	1.44	2.57	1.32	1	21
IPR002818	4.24	4.22	4.39	1.9	21
IPR001451	3.55	2.86	3.67	2.86	21
IPR000342	10.4	10.4	0	0	21
IPR005113	4.51	4.69	1	0	21
IPR004000	12.03	13.11	1	1	20
IPR005804	3.85	7.79	3.03	0	20
IPR011716	1.8	2.14	1.79	1.5	20
IPR002165	5.42	5.42	0	0	20
IPR005543	5.1	4	5.13	1	20
IPR019565	2.14	5.1	1.08	1	20
IPR001194	5.49	5.49	0	0	20
IPR020616	4.69	5.31	4.83	2.04	20
IPR011124	7.71	7.71	0	0	20
IPR004143	2.53	3.1	2.47	2.45	20
IPR000562	10.93	10.93	0	0	20
IPR001496	14.44	14.44	0	0	20
IPR006176	3.17	3.72	3.12	2.67	20
IPR001034	4.2	1	4.27	1.22	20
IPR004837	4.37	14.63	2.63	3.41	20
IPR011547	2.73	6.41	2.19	1.55	20
IPR004154	3.78	6.95	3.44	4.22	20
IPR006037	3.78	3	3.75	4.18	20
IPR007890	1.87	0	1.87	0	20
IPR007891	1.72	1	1.72	2	20
IPR001667	2.2	1.19	2.18	3.61	20
IPR005151	2	2.94	1.96	1	20
IPR003864	4.84	4.84	0	0	20
IPR001701	4.99	20.09	2.31	1	20
IPR004869	4.95	2.86	5.2	2.89	20
IPR011706	3.44	11.88	1.98	2	20
IPR011063	1.63	1.82	1.62	1.48	20
IPR003781	2.5	2.45	2.48	3	20
IPR004043	2.66	2.72	2.2	0	20
IPR004044	1.15	1.67	1.08	1.41	20
PF10342	2.3	3.42	1.41	1	20
IPR000194	1.7	4.29	1.41	1.8	20
IPR007055	4.2	2.33	4.21	0	20
IPR011260	1.11	1.88	1.1	0	20
IPR005075	2.68	1	2.7	1.8	20
IPR011096	2.61	2	2.66	0	20
IPR003649	6.04	6.04	0	0	20
IPR001212	8.48	8.47	9	0	20
IPR008279	2.65	2.11	2.73	1.6	20
IPR015883	2.5	3.83	2.02	1	20
IPR001453	3.43	2.77	3.44	4.3	20
IPR003480	38.31	39.8	1	0	20
IPR000999	1.79	7.57	1.25	1.4	20
IPR001711	3.76	3.79	2.5	0	20
IPR006558	3.71	1.5	4.6	0	20
IPR002300	3.89	7.79	3.52	3.33	20
IPR011102	4.88	1	4.93	0	20
IPR004331	6.93	6.93	0	0	19
IPR006020	19.87	19.87	0	0	19
IPR006021	2.48	6.16	1.71	1.1	19
IPR003151	4.07	4.07	0	0	19

IPR001190	2.67	3.08	1	0	19
IPR006151	2.23	3.08	2.2	2	19
IPR001030	2.76	4.3	2.61	2.44	19
IPR000606	1.34	1.26	1.35	1	19
IPR011489	6.17	6.17	0	0	19
IPR003886	2.96	3.41	1	0	19
IPR011645	5.54	6.34	1.86	0	19
IPR003107	13.48	13.48	0	0	19
IPR003340	95.44	95.44	0	0	19
PF03564	11.05	11.61	1	0	19
IPR012000	3.66	4.76	3.62	2.55	19
IPR000906	5.39	5.82	1.5	1	19
IPR018933	5.74	5.88	1	0	19
IPR001264	3.22	1.8	3.23	0	19
IPR005797	3.92	12.24	3.02	2.04	19
IPR001300	8.03	9.45	1.33	0	19
PF07581	3.74	1	3.72	5.5	19
IPR018061	1.73	3.75	1.29	1.62	19
IPR001460	5.24	2	5.26	0	19
IPR005150	10.45	42.67	1.1	0	19
IPR013587	1.78	1.18	1.88	0	19
IPR005502	1.58	2.12	1.55	1.14	19
IPR002053	1.84	2.5	1.81	0	19
IPR000111	2.02	3.19	1.65	1	19
IPR006115	3.47	4.71	3.41	1.52	19
IPR002792	2.52	1.95	2.53	2.84	19
IPR007569	1.66	0	1.66	0	19
PF12003	4.44	4.44	0	0	19
IPR000594	3.12	10.06	2.38	1.43	19
IPR012902	5.1	3.5	5.1	0	19
IPR005490	4.14	2	4.15	0	19
IPR011528	1.44	1.4	1.46	1	19
IPR001180	5.25	5.25	0	0	19
IPR013162	26.56	26.56	0	0	19
IPR013624	2.29	0	2.29	0	19
IPR002068	3.3	10.45	2.32	2.26	19
IPR011622	1.91	0	1.91	0	19
IPR011625	1.7	5.68	1.19	1	19
IPR011626	3.88	6.16	1.17	1	19
IPR000847	26.46	6.5	27.77	1.5	19
IPR008757	1.57	4	1.54	0	19
IPR001048	4.98	3.87	5.1	4.67	19
IPR000923	1.78	1.58	1.61	3.61	19
IPR003749	2.14	1.06	2.18	2.44	19
IPR000583	4.39	5.93	4.28	3.63	18
IPR000462	2.73	4.95	2.55	1.83	18
IPR001905	1.98	5.57	1.53	1.42	18
IPR000362	3.53	3.97	3.55	2.32	18
IPR010432	1.79	1.45	1.82	1.33	18
IPR013594	4.02	4.02	0	0	18
IPR002528	7.44	23.79	6.1	5.89	18
IPR013602	6.03	6.03	0	0	18
PF01946	1.41	1.89	1.31	1.32	18
IPR003602	1.63	1.96	1.58	1.82	18
IPR020617	4.87	5.41	5	2.52	18
IPR003342	1.89	3.5	1.7	1.42	18
IPR003033	2.05	3.05	1.85	2.18	18
PTHR13824	4.13	4.16	4	0	18
IPR005123	5.61	22.62	1.68	0	18
PTHR10588	1.74	2.56	1.09	0	18
PF03004	47.5	47.5	0	0	18
IPR001818	1.43	2.86	1.34	1.5	18
IPR000800	6.69	6.69	0	0	18
IPR004012	10.07	10.07	0	0	18
IPR007138	2.96	1.79	3.11	1.24	18
IPR013994	4.19	4.19	0	0	18
IPR001126	2.2	3.67	2.05	1.15	18
IPR013899	2.51	2.51	0	0	18
IPR006569	4.81	4.81	0	0	18

PTHR19446:SF34	83.44	83.44	0	0	18
IPR014876	3.59	3.59	0	0	18
IPR007409	1.83	1	1.85	1.5	18
IPR005074	1.86	1	1.86	3.5	18
IPR011607	2.35	2.43	2.37	1.36	18
IPR003645	4.86	4.86	0	0	18
IPR001313	32.06	32.06	0	0	18
IPR019489	4.19	4.1	4.21	1	18
IPR010569	4.04	4.04	0	0	18
IPR003890	7.88	7.88	0	0	18
IPR003892	5.45	5.51	1	0	18
IPR006671	3.99	3.99	0	0	18
IPR003819	3.64	5.69	3.06	0	18
IPR000891	3.3	3.62	3.27	3.28	18
IPR017956	1.69	2.69	1.04	0	18
PTHR23083:SF20	1.24	1.15	1.25	1.29	18
IPR004364	3.19	7.04	2.88	1.98	18
IPR001347	6.26	3.73	6.64	4.09	18
IPR000572	2.32	2.59	2.34	1.57	18
IPR001628	33.71	33.71	0	0	18
IPR011424	51.38	51.38	0	0	18
IPR006574	33.6	33.6	0	0	18
IPR005112	4.67	4.67	0	0	18
IPR010918	4.51	3.9	4.48	5.91	18
IPR005064	9.07	16.67	8.96	0	17
IPR011616	3.5	3.67	1	1	17
IPR003156	2.64	1.41	2.69	3.39	17
IPR015414	3.58	3.18	3.74	1.51	17
IPR001208	5.31	7.74	1	1.48	17
IPR001909	186	212.43	1	0	17
IPR013112	4.36	6.81	1.12	0	17
IPR003579	24.86	24.86	0	0	17
PF07725	79.5	79.5	0	0	17
IPR002491	4.17	1.6	4.2	4.09	17
IPR001360	3.75	11.1	2.74	2	17
IPR007526	4.48	4.48	0	0	17
IPR002563	2.71	2.44	2.79	1.68	17
IPR007728	3.25	3.25	0	0	17
IPR003100	6.74	6.74	0	0	17
IPR002656	4.09	10.36	3.61	1.86	17
IPR004846	2.87	1	2.89	0	17
IPR009818	6.83	6.83	0	0	17
IPR001936	5.62	5.62	0	0	17
IPR006083	2.1	3.61	1.92	1	17
IPR002075	3.24	5.18	1.62	1	17
IPR013122	4.14	4.14	0	0	17
IPR002857	4.77	4.77	0	0	17
IPR003958	6.1	7.53	0	2.13	17
IPR013200	3.45	3.34	3.53	2.21	17
IPR003597	118.32	118.32	0	0	17
IPR004013	1.67	1.13	1.76	1.38	17
IPR000673	2.29	1	2.32	1.53	17
IPR017923	3.18	3.18	0	0	17
PF09699	5.91	0	5.91	0	17
IPR008613	1.33	0	1.33	1	17
IPR005025	3.45	4.35	3.33	4.66	17
IPR007080	1.26	3.88	1.02	1.04	17
IPR003356	2.26	1	2.3	1.59	17
IPR012951	3.99	14.13	1.62	1	17
IPR000322	2.6	5.16	1.79	1.62	17
IPR021796	1.91	0	1.91	0	17
IPR006119	3.49	1.5	3.54	2.82	17
IPR011017	1.9	2.47	1.45	1.86	17
IPR020946	5.12	10.13	3.28	0	17
IPR011095	1.43	2.74	1.4	1	17
IPR008278	1.67	2.3	1.63	1.33	17
IPR000949	5.3	5.3	0	0	17
IPR006204	2.95	5.47	2.59	4.57	17
IPR009959	2.54	1.96	2.62	1.12	17

IPR000728	4.2	2.86	4.2	6.33	17
IPR013534	1.59	5.35	1.31	1.71	17
IPR013702	1.42	1.14	1.44	1.12	17
IPR006137	2.29	1.94	2.26	3.17	17
IPR000573	2.29	3.9	2.13	2.23	17
IPR003362	2.12	1.33	2.13	1	17
IPR018516	3	3	0	0	17
IPR018518	2.9	2.9	0	0	17
IPR013750	2.57	4.42	2.35	2.98	17
IPR012308	1.65	3.17	1.02	1.11	16
IPR013654	2.03	3.89	1.63	0	16
IPR001678	2.03	5.68	1.6	2.37	16
IPR011459	1.49	1	1.46	2	16
IPR005144	1.94	1.24	2	2	16
IPR007120	1.26	3.83	1.03	1	16
IPR013515	2.03	4	1.62	0	16
PTHR10178	7.44	7.44	0	0	16
IPR001734	3.7	6.97	3.38	2.24	16
IPR001283	10.29	11.86	1.31	0	16
IPR002201	3.35	1.5	3.38	1	16
PF07819	1.55	2.25	1.31	1	16
IPR003888	3.27	3.27	0	0	16
PTHR19328	1.19	1.5	1.17	1	16
IPR007751	2.22	3.15	1.06	0	16
IPR000300	5.31	5.31	0	0	16
IPR001590	10.22	11.95	1.14	1	16
IPR001594	12.52	12.96	1	0	16
IPR002102	3.5	0	4	1.25	16
IPR002227	4	5.86	1.24	0	16
IPR000538	14.2	14.2	0	0	16
IPR000536	30.48	30.48	0	0	16
IPR003126	2.89	2.89	0	0	16
PF06739	7.85	0	8.04	6.33	16
IPR008211	7.59	7.59	0	0	16
IPR006260	3.29	3	3.29	0	16
IPR003251	2.67	2.17	2.66	2.88	16
IPR014048	1.86	1.41	1.94	1.02	16
IPR002942	6.7	5.15	7.16	1.89	16
IPR007083	1.22	3.48	1.02	1.02	16
IPR018031	6.74	6.74	0	0	16
PF08433	1.33	1.69	1.09	1	16
IPR014782	2.65	9.44	1.62	1.58	16
IPR005844	3.01	5.01	2.86	2.11	16
IPR011112	1.17	2.83	1.14	0	16
IPR001570	2.26	1	2.3	0	16
IPR005476	3.87	4.62	3.87	2.61	16
IPR002129	2.67	7.66	1.64	1.21	16
IPR007644	1.24	3.64	1.02	1	16
IPR010909	6.21	6.21	0	0	16
IPR007934	1.7	1.62	1.79	0	16
IPR006689	3.66	4.47	1.7	1	16
IPR006531	3.43	1	3.45	1	16
IPR000286	2.6	7.88	1.65	1.76	16
IPR004263	11.28	14.42	1	0	16
IPR014805	2.59	2.59	0	0	16
IPR002524	3.06	7.52	2.65	1.96	16
IPR005132	1.75	5.8	1.43	0	16
IPR001977	1.08	1.59	1.04	1	16
IPR000375	5.71	5.71	0	0	16
IPR007066	1.3	3.84	1.07	1.02	16
IPR003769	1.19	1.4	1.17	0	16
PTHR18937	1.24	1.43	1.16	1.3	16
IPR004100	2.8	5.31	2.56	2.07	16
IPR006048	1.53	3.21	1.29	1.11	16
IPR011108	1.75	2.61	1.57	2.52	16
IPR004939	1.59	1.59	0	0	16
IPR000722	1.18	3.03	1.02	1	16
IPR003333	1.92	3.21	1.82	1	16
PTHR23083:SF23	1.67	4.3	1.17	1	16

IPR001077	3.94	14.26	1.66	1.71	16
IPR000261	8.87	9.1	1	0	16
IPR001137	2.17	3.27	1.67	2	16
IPR008847	1.65	1.65	0	0	16
IPR006552	1.41	1.41	0	0	16
IPR011620	1.82	0	1.83	1.25	16
IPR001851	11.47	4.67	11.74	5.83	16
IPR002870	10.73	11.42	0	2	16
IPR000432	2.13	5.57	1.75	1.86	16
IPR005119	27.16	10.83	27.67	1	16
IPR002469	2.69	3.07	2.48	1	16
PF00637	3.39	3.39	0	0	16
PTHR23224	7.14	7.29	0	1	16
PTHR12697	1.33	1.5	1.33	1.2	15
IPR020058	2.22	3.53	2.16	1	15
IPR012309	2.15	2.78	2.16	1.11	15
IPR000294	10.87	10.87	0	0	15
IPR013856	2.19	1	2.23	0	15
IPR003152	4.58	4.58	0	0	15
IPR000582	3.11	4.81	1.03	0	15
IPR010822	1.52	1.33	1.58	1	15
IPR019782	1.59	1.81	1.07	0	15
IPR020422	5.03	7.08	1.02	0	15
IPR013519	16.9	22.16	10.68	4	15
IPR017936	1.37	1.62	1.35	1	15
IPR011711	8.29	3	8.45	1.11	15
IPR004136	2.29	4.05	2.16	0	15
TIGR02601	8.42	0	8.42	0	15
IPR005482	2.54	4.15	2.46	1.03	15
IPR003889	2.72	2.72	0	0	15
IPR001368	13.49	13.82	2	0	15
IPR000861	1.4	1.4	0	0	15
IPR001078	2.66	4.17	2.53	1	15
IPR005302	1.83	3.29	1.67	1.17	15
IPR003441	136.71	136.71	0	0	15
IPR013121	6.77	6.85	1	0	15
IPR013042	6.5	0	6.5	0	15
IPR013043	6.38	0	6.38	0	15
IPR005824	2.38	6.71	1.89	2.26	15
IPR001510	2.72	2.72	0	0	15
IPR021731	1.63	1	1.63	0	15
IPR006596	1.74	3.22	1.32	3	15
IPR006595	6.62	6.62	0	0	15
IPR015202	3.03	4.44	1.48	0	15
IPR001995	1.18	1.36	1.07	1	15
IPR001461	15.68	17.09	1.25	0	15
IPR009048	5.47	6.19	1	1	15
PF01389	2.17	0	2.17	0	15
IPR003329	1.63	1.31	1.66	1.43	15
IPR013507	1.22	2.82	1.04	1.14	15
IPR002423	2.67	14.54	1.39	2.46	15
IPR019248	1.77	0	1.38	2.67	15
IPR015083	4.2	0	4.2	0	15
IPR013039	6.75	0	6.75	0	15
IPR000022	2.35	2.9	2.33	1.29	15
IPR003423	13.6	7	13.65	0	15
IPR007029	1.59	1.5	1.57	1.79	15
IPR001373	6.37	6.37	0	0	15
IPR000542	4.04	4.79	1	0	15
IPR013108	2.91	2.14	3.08	1.49	15
IPR001247	3.08	6.82	2.73	2	15
IPR005845	2.87	4.16	2.79	2.04	15
IPR005475	4.48	6.3	4.39	1.62	15
IPR019591	1.29	2.97	1.1	1.42	15
IPR007487	1.68	1	1.69	1	15
IPR011016	6.56	6.56	0	0	15
IPR001155	3.45	7.14	3.23	1.21	15
PF02129	1.75	2.92	1.71	1.12	15
PF03190	1.42	1.3	1.46	1.25	15

IPR008893	1.79	2.1	1.62	0	15
PF07534	3.87	3.93	1	0	15
IPR006501	73.12	73.12	0	0	15
IPR008671	1.49	2.7	1.27	1.09	15
IPR001107	3.61	7.97	3.22	1.88	15
PF02156	1.63	1.2	1.65	2	15
IPR003891	6.08	6.08	0	0	15
IPR001455	1.84	1	1.77	3.06	15
IPR003812	2.1	1.41	2.17	1.48	15
IPR003813	2.52	0	2.85	1.68	15
IPR007371	1.12	1.39	1.06	0	15
IPR013538	3.08	1.31	3.54	1.33	15
IPR004179	2.52	2.74	0	1	15
IPR000600	3.71	2.2	3.82	1.11	15
IPR002145	2.43	0	2.2	4.5	15
IPR015359	3.75	3.89	1	0	15
IPR001117	3.27	11.6	1.6	1	15
PF12146	2.07	4.4	1.86	1	15
TIGR03661	1.4	0	1.4	0	15
IPR001627	11.76	11.76	0	0	15
IPR000770	3.5	3.5	0	0	15
IPR003169	3.01	3.01	0	0	15
IPR018316	2	10.13	1.05	1.89	15
IPR006186	11.71	15.1	1	1.05	15
IPR007329	2.18	0	2.18	1	15
IPR020059	1.27	2.5	1.04	1	14
IPR002902	174	174	0	0	14
PTHR10178:SF14	13.34	13.34	0	0	14
IPR002701	1.49	1.6	1.52	1	14
IPR019410	4.37	6.61	1.08	0	14
IPR015890	2.59	2.9	2.64	1.42	14
IPR001098	1.21	2.03	1.14	0	14
IPR019494	1.48	1.85	1.46	1.17	14
IPR007016	1.95	1	1.95	1	14
IPR019759	3.47	3.32	3.58	1.45	14
IPR002495	4.09	9.32	2.06	0	14
PTHR13712	1.45	1.67	1.29	0	14
IPR000550	1.17	1.16	1.17	1	14
IPR001607	4.02	5.83	1.36	1	14
IPR000904	5.98	6.45	1	0	14
IPR018164	1.38	2.74	1.23	1.76	14
IPR000760	2.75	5.49	2.56	1.13	14
IPR001263	3.93	3.93	0	0	14
IPR011084	2.06	2.19	0	1	14
IPR000409	5.07	5.07	0	0	14
IPR013747	2.05	18.82	1.84	1	14
IPR020067	4.5	4.5	0	0	14
IPR017892	2.76	2.76	0	0	14
IPR004113	3.14	3.23	3.18	2.13	14
IPR007624	2.67	8	2.61	0	14
IPR013207	7.4	3.33	7.72	0	14
IPR002022	4.59	11.05	2.32	2	14
IPR000738	6.5	6.5	0	0	14
IPR003121	2.7	2.7	0	0	14
IPR003123	2.4	2.4	0	0	14
IPR003673	5.39	3.22	5.88	2.31	14
PF07320	54.71	54.71	0	0	14
IPR003709	1.41	2	1.41	0	14
IPR013036	5	0	5	0	14
IPR006560	2.07	2.07	0	0	14
IPR006564	30	30	0	0	14
IPR003111	1.82	3.54	1.64	1	14
IPR013693	1.63	0	1.63	0	14
IPR009739	2.06	0	2.06	0	14
IPR002744	1.78	1.63	1.82	1.62	14
PF00054	1.2	1.2	0	0	14
IPR007312	3.48	4.25	3.43	1.5	14
IPR002861	4.67	5.03	1	1	14
IPR001774	4.41	4.41	0	0	14



IPR017978	11.97	12.64	1	0	14
IPR007641	1.24	3.67	1.02	1	14
IPR007645	1.23	3.56	1.02	1	14
PF02239	1.94	1	2	1.6	14
IPR004792	1.44	1.73	1.44	1.25	14
IPR000121	2.16	2.33	2.21	1.32	14
IPR008915	2.03	2.11	1.99	2.48	14
IPR006166	1.96	2.93	1.09	1.02	14
IPR007696	1.91	5.11	1.57	1.4	14
IPR007693	1.3	1	1.3	0	14
IPR000374	1.42	2.91	1.27	1.45	14
IPR005818	6.55	6.63	1	0	14
IPR015882	2.31	2.78	1.96	1	14
IPR014020	4.36	4.36	0	0	14
IPR004107	2.96	2	3.03	1.43	14
IPR013976	3.95	1	3.98	0	14
IPR013974	2.33	1.2	2.41	1.07	14
IPR008968	6.43	6.43	0	0	14
IPR001804	2.66	6.75	2.23	2.05	14
IPR009543	1.89	1.89	0	0	14
IPR002579	1.4	2.17	1.32	1.11	14
IPR006992	3.49	4.47	3.4	2.81	14
IPR000348	6.72	6.87	1	1	14
IPR002646	1.54	1.71	1.53	1	14
IPR013708	1.51	2.55	1.48	1	14
TIGR02232	24	1.5	54	0	14
IPR006139	3.98	6.64	3.82	2.09	14
IPR003245	46.11	46.11	0	0	14
PTHR10098	1.97	1.43	2.1	0	14
PTHR11439	26.29	26.29	0	0	14
IPR004158	74.43	74.43	0	0	14
IPR004159	42.71	42.71	0	0	14
IPR002935	1.78	3.9	1.52	1	14
IPR011320	1.92	3.24	1.04	1	14
IPR004240	4.82	4.82	0	0	14
PF10591	3.92	3.98	1	0	14
PF09924	1.2	1.32	1.19	1.14	14
IPR005269	1.64	3.95	1.52	1	14
IPR002305	2.44	4.78	2.22	2.17	14
IPR001585	1.49	1.84	1.46	1	14
IPR006108	4	3.88	4	4.38	14
TIGR03501	1.25	0	1.25	0	14
IPR017881	1.11	1.5	1.1	0	13
PF03712	3.02	3.06	2.88	0	13
IPR001330	8.22	18.41	2.68	1	13
IPR013955	2.32	2.49	0	1.33	13
IPR004088	1.04	1.36	1.03	1	13
IPR013651	1.79	1.21	1.75	2.69	13
PF03188	2.77	2.96	1	1	13
IPR007863	4.06	10.89	3.33	1.2	13
IPR001986	2.19	1.53	2.29	1.02	13
IPR001672	1.17	1.74	1.11	1	13
IPR001012	7.51	7.51	0	0	13
IPR001732	2	2.15	2	1.88	13
IPR001537	3.57	2.53	3.8	1.02	13
PF06458	12.86	0	12.86	0	13
IPR002492	3.3	3.9	1.14	1	13
IPR001362	1.81	5.42	1.41	1	13
IPR019887	1.81	1	1.64	2.79	13
IPR001608	2.74	1.97	2.84	1.14	13
IPR000713	3.26	2	3.27	0	13
IPR013114	1.86	2.11	1.85	0	13
IPR005174	98.67	98.67	0	0	13
IPR000697	3.75	3.75	0	0	13
IPR001765	1.77	2.87	1.68	1.14	13
IPR000618	116.39	116.39	0	0	13
IPR003689	2.78	10.04	1.23	1.21	13
IPR006120	1.95	1.8	1.97	1.4	13
IPR003032	4.7	5.92	1.5	1	13

IPR000905	2	2.14	2.03	1.15	13
IPR008859	3.17	3.36	1	0	13
IPR004148	6.03	6.03	0	0	13
IPR003395	3.32	7.59	2.94	1.98	13
IPR006633	1.77	2.54	1.58	1.75	13
IPR000857	6.3	6.44	0	1	13
IPR001750	6.52	20.32	5.21	4.52	13
IPR007695	1.28	3.43	1.03	1.43	13
IPR011994	1.03	1	1.03	1	13
IPR000537	2.87	3.96	2.74	3.17	13
IPR004092	13.11	13.11	0	0	13
IPR014774	2.51	1.14	2.15	4.53	13
IPR022041	2.46	2.73	1	0	13
IPR006598	3.89	5.02	1.05	0	13
IPR010277	1.83	1	1.84	1	13
IPR002500	2.21	1.99	2.27	1.93	13
IPR001060	6.45	6.45	0	0	13
IPR009970	1.02	1	1.02	0	13
PF02309	58.14	58.14	0	0	13
IPR002559	8.31	3.71	8.44	9.22	13
TIGR02481	1.74	1	1.75	0	13
IPR003352	6.97	1	6.99	0	13
PF01936	1.6	2.19	1.56	1.65	13
IPR003838	8.5	3.14	8.86	2.93	13
IPR003731	2.6	0	2.63	2.45	13
IPR003733	1.51	1.34	1.53	1.05	13
IPR000197	4.28	4.28	0	0	13
IPR013264	1.09	0	1.09	0	13
IPR006685	3.32	3.84	3.29	3.33	13
IPR011608	7.74	0	7.74	0	13
IPR006011	5.4	5.51	1	1	13
IPR000756	5.45	5.98	1	0	13
PTHR11389	11.54	11.84	0	1	13
IPR003149	1.8	1.84	1.78	0	13
IPR018980	11.71	11.71	0	0	13
IPR008274	5.72	4.74	5.87	5.67	13
IPR014026	2.03	2.23	2.02	1.95	13
IPR010611	1.46	1.5	1.46	0	13
SM00864	2	9.74	1.06	2.81	13
IPR013977	2.07	3.33	1.94	1.4	13
IPR002483	2.76	2.76	0	0	13
IPR010715	1.69	0	1.69	0	13
IPR000721	5.8	5.8	0	0	13
IPR003135	1.52	1.2	1.55	1.38	13
IPR019574	1.45	1.36	1.47	1	13
PF05154	1.71	3.52	1.51	1.44	13
PTHR12558	1.16	1.25	1.11	0	13
IPR006132	2.21	2.08	2.23	2.11	13
IPR001139	2.33	2.86	2.02	0	13
IPR005018	6.56	6.56	0	0	13
IPR002543	2.11	1	2.12	1	13
IPR002545	5.9	1.67	6	3.94	13
IPR002547	1.99	2	2.04	1.24	13
IPR005654	1.35	1.76	1.28	0	13
IPR000109	4.01	13.18	2.03	0	13
IPR014790	1.11	1.81	1.04	1.14	13
IPR000312	1.67	1.32	1.7	1.5	13
IPR006847	1.72	1.12	1.74	0	13
IPR002877	1.72	4.36	1.44	1.12	13
IPR008754	2.04	2.94	1.55	0	13
PF03267	23.71	23.71	0	0	12
IPR001506	1.48	1.77	1	0	12
IPR004160	1.74	6.71	1.2	1.39	12
IPR002781	3.75	4.65	3.84	2.13	12
IPR006605	2.05	2.1	1	0	12
IPR000061	4.99	4.99	0	0	12
IPR003606	3.12	3.12	0	0	12
IPR018077	1.36	1.38	1.36	0	12
IPR003159	1.48	1.75	1.47	1	12

IPR004274	6.24	8.1	1.04	1	12
PTHR23125	4.35	4.97	1	0	12
IPR001826	3.26	1	3.28	0	12
TIGR01720	2.15	0	2.15	0	12
IPR013144	4.24	4.24	0	0	12
IPR021820	36.17	36.17	0	0	12
IPR010435	1.53	2.5	1.27	0	12
IPR004294	2.57	4.57	1.62	2.5	12
IPR021655	5.5	1	5.91	0	12
IPR003777	1.65	0	1.66	1.14	12
IPR017933	2.4	4.37	1.97	0	12
IPR000058	4.64	5.2	0	1.17	12
IPR013227	42.67	42.67	0	0	12
IPR006576	3.92	3.92	0	0	12
IPR006905	2.66	1.92	2.88	1	12
IPR001875	10.08	10.08	0	0	12
IPR020829	1.82	3.01	1.73	1.16	12
IPR005630	10.95	25.1	2.21	0	12
IPR003104	5.67	5.67	0	0	12
IPR003105	4.97	5.22	1	0	12
IPR016093	8.71	9.1	1	0	12
IPR003349	3.83	3.83	0	0	12
IPR000867	9.06	9.06	0	0	12
IPR007831	2.11	1	2.11	1	12
IPR000331	4.55	4.55	0	0	12
IPR001762	6.81	6.53	11.33	0	12
IPR010095	6.73	7	6.2	10.13	12
PF11987	1.12	2.33	1.01	1	12
IPR008775	2.95	3.81	2.7	1	12
IPR007658	64	64	0	0	12
IPR006085	3.4	4.81	0	1.02	12
IPR000277	3.2	4.21	3.17	1.62	12
IPR004042	1.14	0	1.13	1.17	12
IPR000560	3.78	6.99	1.37	0	12
IPR004119	10.71	27.92	1.32	0	12
IPR005644	3.99	2	4	0	12
IPR007275	3.87	4.02	1	1	12
IPR017459	1.8	1.42	1.84	1.5	12
IPR014818	1.38	7	1.35	1	12
IPR004680	2.2	4.27	2.12	1.41	12
IPR018765	1.56	0	1.46	1.73	12
IPR001597	1.5	1.97	1.43	1.33	12
IPR008269	2.58	2.41	2.64	1.68	12
IPR001388	6.77	6.77	0	0	12
IPR002880	2.41	1.28	2.23	4.46	12
IPR017897	7.4	4.88	17.5	0	12
IPR002023	1.96	1.39	2.05	1	12
IPR004096	1.59	0	1.57	1.69	12
PF07669	1.55	0	1.57	1.23	12
IPR013667	1.91	0	1.91	0	12
IPR002891	1.37	1.89	1.3	1	12
IPR009042	2.11	2	2.11	0	12
IPR018997	1.81	1.85	1	0	12
IPR005323	1.72	1	1.74	0	12
PF09848	1.28	3.14	1.18	1.25	12
PF04265	1.09	1.39	1	0	12
IPR000788	1.58	1.4	1.6	1.59	12
IPR015793	1.63	3.85	1.4	1	12
PF02176	4.46	4.46	0	0	12
IPR002550	2.1	2.71	2.05	2.06	12
IPR007685	1.91	4.13	1.86	0	12
IPR003501	4.97	1	5	0	12
IPR003834	1.78	2.12	1.78	1.68	12
IPR005843	2.69	3.45	2.65	1.96	12
IPR005846	2.78	3.42	2.77	1.87	12
IPR003737	2.06	1.51	2.21	1.35	12
IPR005106	1.47	1.4	1.46	1.67	12
IPR011115	1.18	2.85	1.16	0	12
IPR011662	2.97	2	2.98	0	12

IPR001320	19.9	19.9	0	0	12
PTHR21180	1.17	1	1.17	1.25	12
IPR004265	37.88	43.14	1	0	12
IPR002694	1.15	0	1.15	0	12
IPR011683	1.34	1.33	1.35	1	12
IPR008914	2	5.53	1.35	1.24	12
IPR018982	1.16	1.8	1.06	1.17	12
IPR003495	3.06	3.38	3.09	1.86	12
IPR013050	2.41	2.79	1	1	12
IPR007694	1.35	1.42	1.35	0	12
IPR003533	6.58	6.58	0	0	12
IPR002611	1.7	1	1.7	1	12
IPR000490	9.48	15.32	1.15	0	12
IPR000233	8.3	8.3	0	0	12
IPR010618	2.54	0	2.54	0	12
IPR004104	3.76	2.66	3.97	2.34	12
IPR004103	1.43	1	1.46	1	12
IPR005046	7.06	40	6.06	0	12
IPR020561	1.09	1.3	1.07	1.02	12
IPR007235	1.52	1.69	1.52	1.16	12
IPR018444	3.8	3.8	0	0	12
IPR006913	3.75	6.53	3.29	0	12
IPR001096	1.8	2.22	1.15	1	12
IPR009291	2.69	2.93	1	0	12
IPR000726	2.65	14.45	1.41	0	12
IPR002379	1.96	8.32	1.26	1.49	12
IPR003130	4.36	4.36	0	0	12
IPR005330	3.84	1.67	4.01	0	12
PTHR19959:SF16	2.33	2.92	2.19	1	12
IPR003714	1.53	1	1.53	1	12
IPR006131	2.2	1.95	2.22	2.13	12
IPR006070	1.79	1.39	1.84	1.65	12
IPR003790	1.6	0	1.6	1	12
IPR005201	1.27	1.47	1.03	0	12
IPR002932	1.66	1.55	1.69	1.36	12
IPR019087	2.65	2.65	0	0	12
IPR002192	1.64	3.84	1.57	1.57	12
IPR002789	1.69	0	1.47	2.91	11
IPR013957	1.41	1.41	0	0	11
IPR007577	2.72	4.39	1.32	0	11
PF10996	1.72	3.27	1.18	1.93	11
IPR005066	1.9	2.5	1.69	1.33	11
IPR003608	1.46	1.46	0	0	11
IPR012480	1.39	1.5	1.39	1	11
IPR001162	1.03	1	1.03	1	11
IPR003390	1.3	0	1.3	1.23	11
IPR000156	4.85	4.85	0	0	11
IPR007860	1.3	3.78	1.03	1.43	11
IPR000589	1.14	2.41	1.02	1	11
PF08645	1.14	1.19	1.13	0	11
IPR018990	1.27	2.33	1.06	2.08	11
IPR001907	1.92	3.12	1.84	1	11
IPR001017	2.78	5.18	2.55	1.5	11
IPR000971	2.02	5.65	1.23	1	11
IPR016044	16.14	16.14	0	0	11
IPR013720	2.28	2.28	0	0	11
PF11614	1.38	1	1.39	1	11
IPR010606	5.5	5.5	0	0	11
PF08214	1.39	1.39	0	0	11
PF11790	1.48	2.08	1.13	1	11
IPR004300	1.71	0	1.63	2.16	11
PTHR10891	2.03	3.17	1.09	0	11
IPR007195	1.05	0	1.05	0	11
IPR005480	1.15	1.72	1.11	1.05	11
IPR016288	1.66	1.69	1.65	0	11
IPR000699	5.1	5.1	0	0	11
IPR009722	1.6	2	1.6	0	11
IPR002755	1.44	1.18	1.62	1.04	11
IPR012947	2.4	3.78	2.3	1.91	11

IPR001938	11.57	19.06	1.58	0	11
IPR003721	1.04	1.14	1.04	0	11
PTHR23241	1.39	1.72	1.06	0	11
IPR008395	6.76	7.12	1	0	11
IPR006086	3.78	5.42	0	1.02	11
IPR001351	1.08	1.74	1.01	1	11
IPR004701	2.11	0	2.12	1	11
IPR013129	1.39	1.41	1	0	11
IPR006635	6.17	0	6.17	0	11
IPR018484	3.41	4.58	3.33	1.67	11
IPR012970	1.43	1	1.45	1	11
IPR007330	3.83	4.31	0	1	11
IPR004020	13.33	13.33	0	0	11
IPR005087	1.93	0	2	1	11
IPR010309	1.32	1.32	0	0	11
PF10503	1.77	1.75	1.77	0	11
IPR000640	3.75	7.2	3.57	1	11
IPR002100	11.62	11.76	1	0	11
IPR004443	1.1	1.7	1.02	1	11
IPR001967	2.49	1	2.49	0	11
IPR001962	2.03	2.77	1.91	2.17	11
PF03534	1.48	0	1.48	0	11
IPR001563	5.59	11.93	1.69	0	11
IPR020068	8.67	8.67	0	0	11
IPR008808	17	17	0	0	11
IPR005793	1.3	1.78	1.28	1	11
IPR002225	2.07	3.66	1.08	1	11
IPR001171	2.75	3	1.27	0	11
IPR002731	2.04	1.29	2.16	1.79	11
IPR014821	2.87	2.87	0	0	11
IPR005698	2.01	1	2.02	1	11
IPR002501	1.13	2.31	1.02	1	11
PF05598	3.76	1.25	3.82	3.2	11
IPR013822	2.02	2.36	2	1.85	11
IPR003128	5.18	5.18	0	0	11
IPR004776	2.03	4.63	1.73	1.12	11
IPR012921	2.69	2.69	0	0	11
PF05203	1.06	1	1.07	0	11
IPR006140	1.63	2.55	1.52	1	11
IPR018711	1.35	2	1.34	0	11
IPR001708	1.31	2.56	1.2	0	11
IPR014757	5.63	1.67	5.69	3.6	11
IPR004124	1.42	0	1.42	0	11
PTHR11938	1.32	1	1.32	1.5	11
IPR013894	1.48	1.48	0	0	11
IPR002941	2.48	1.5	2.51	2.09	11
IPR008619	10.21	0	10.21	0	11
IPR003358	1.18	1.72	1.12	1	11
IPR002319	1.24	2.92	1.05	1.61	11
IPR019453	2.06	2.07	1	0	11
IPR015374	1.24	1.47	1.05	0	11
IPR009880	3	4.17	1.11	0	11
IPR006688	8.69	8.79	0	1	11
IPR010766	1.21	1	1.21	1.14	11
IPR002913	6.32	10.24	1.32	0	11
IPR003388	5.6	5.67	1	0	11
IPR008918	1.99	3.4	1	1.02	11
IPR010294	6.81	6.81	0	0	11
IPR000653	2.63	1.67	2.7	1.69	11
IPR014730	3.41	2.12	3.59	3.68	11
IPR009463	1.93	1.93	0	0	11
IPR002037	1.18	1	1.18	0	11
IPR011538	1.92	1.49	1.98	1	11
IPR013979	2.18	2.49	1	0	11
PTHR10887	1.46	2.07	1.13	1	11
IPR006045	7.96	25.28	2.09	1	11
IPR010693	2.05	0	2.12	1.33	11
PF03205	1.22	1.83	1.08	1.37	11
IPR003402	1.89	1.93	1.07	2.33	11

IPR006915	1.94	0	1.94	0	11
IPR015330	1.57	1	1.59	1.2	11
TIGR03142	1.04	0	1.04	0	11
IPR000682	1.76	2.23	1.76	1.12	11
IPR003817	1.3	2.48	1.16	1	11
IPR012939	2.53	3.04	2.39	0	11
IPR007807	1.36	1.28	1.39	1.42	11
IPR003690	12.29	12.29	0	0	11
IPR005331	2.74	5.17	1.75	0	11
IPR005334	3.24	3.24	0	0	11
IPR005599	3.52	3.85	1.11	0	11
IPR002143	1.25	3.61	1.02	1	11
IPR006133	1.89	3.84	1	1.54	11
IPR001079	10.02	10.2	1	0	11
IPR005517	1.85	4.47	1.65	1	11
IPR013540	1.52	0	1.52	0	11
IPR003000	1.85	5.33	1.33	1.2	11
PTHR23154	6.76	11.52	1.24	0	11
IPR018497	3.36	11.4	1.53	1	11
IPR006380	1.89	8.56	1.2	0	11
IPR000184	2.36	1.97	2.41	0	11
IPR007903	2.07	1.5	2.06	2.57	10
IPR002474	1.13	1.85	1.07	1.03	10
IPR003150	2.02	2.04	1	0	10
IPR019378	6.24	6.46	1	0	10
IPR005545	2.49	1.55	2.54	1	10
IPR002014	2.68	2.71	1	0	10
IPR011613	1.72	2	1.57	2.9	10
IPR005034	2.42	2.42	0	0	10
IPR003399	5.34	1.75	5.4	0	10
IPR007259	5.37	5.37	0	0	10
IPR015413	1.61	3.24	1.45	1.78	10
IPR003585	4.76	4.76	0	0	10
IPR004009	5.17	5.17	0	0	10
IPR002514	5.1	1.67	5.15	0	10
PTHR23213	1.64	2	1.17	0	10
PF01217	9.12	9.12	0	0	10
IPR006157	1.22	1.69	1.19	1	10
IPR001900	1.56	2.99	1.4	1.09	10
IPR001906	61.43	61.43	0	0	10
IPR014977	20.62	20.62	0	0	10
IPR003779	3.57	1.65	3.75	2.33	10
IPR001280	2.55	5.89	1.89	0	10
IPR013596	33.17	33.17	0	0	10
IPR013598	4.73	4.78	1	0	10
IPR001099	3.39	17.13	1.31	0	10
PF03934	1.44	1	1.44	0	10
IPR002498	3.06	3.06	0	0	10
IPR004968	3.94	223	1.27	1	10
IPR002529	3.88	3.83	4.02	1.91	10
IPR007225	1.48	1.48	0	0	10
PF12169	1.07	5.43	1.03	0	10
IPR007529	3.7	3.85	0	1	10
IPR005175	2.23	22.8	1.08	1.1	10
IPR001873	24.41	24.41	0	0	10
IPR013688	5	0	5	0	10
IPR006822	1.25	1.34	1	0	10
IPR010359	2.09	0	2.1	1	10
IPR008528	4.05	4.05	0	0	10
IPR011121	4.83	0	4.83	0	10
IPR005139	1.97	1.84	1.98	0	10
IPR010090	1.48	1	1.48	1	10
IPR019196	1.19	1.29	1.16	1.4	10
PTHR22939	1.49	2.5	1.32	0	10
IPR021097	1.38	1.38	0	0	10
IPR007492	2.83	2.33	2.83	0	10
IPR013632	2.66	2.88	0	1.62	10
IPR004147	2.07	5.66	1.65	1.17	10
PTHR10432	1.38	1.46	1	0	10

IPR005000	2.87	2.54	2.99	1.26	10
IPR001492	3.33	1.5	3.34	0	10
IPR011432	2.73	0	2.73	0	10
IPR006636	5.72	5.72	0	0	10
IPR001842	1.44	2.67	1.12	0	10
IPR018481	1.84	1.25	1.93	1.12	10
IPR011083	2.26	0	2.26	0	10
IPR004026	1.2	1.21	1.2	1	10
IPR004022	1.95	1.95	0	0	10
IPR021800	1.47	0	1.47	0	10
IPR008883	1.65	1.65	0	0	10
IPR008180	1.53	1.66	1.51	1.67	10
IPR003759	1.25	1.44	1.21	2.43	10
IPR000489	1.87	1.23	1.95	1.32	10
IPR000534	2.5	2.52	2.51	2.17	10
IPR004835	2.85	3.62	1.04	1	10
IPR012319	1.41	1.58	1.4	1	10
IPR001305	1.48	4.87	1.13	1.21	10
IPR013089	1.85	2.1	1	1	10
PTHR11201	1.62	1.62	0	0	10
IPR004095	2.27	3.45	2.14	2.24	10
IPR006032	1.14	2.35	1.02	1.02	10
IPR022045	1.52	0	1.52	0	10
IPR020576	1.65	4.3	1.2	0	10
IPR006593	5.09	5.47	1	1	10
IPR013662	2.53	2.53	0	0	10
IPR002504	1.46	3.21	1.27	1.93	10
IPR020803	1	0	1	0	10
IPR018712	1.94	3.67	1.46	0	10
IPR006750	2.05	1	2.06	1	10
IPR002420	2.81	2.81	0	0	10
IPR009361	1.22	1.22	0	0	10
PFO2927	1.68	0	1.69	1	10
IPR008816	2.63	1.23	2.74	1	10
TIGR01494	3.24	8.2	1.17	1.27	10
IPR000020	10.1	10.1	0	0	10
IPR000026	1.21	2.07	1.09	1	10
IPR013235	1.33	1.33	0	0	10
IPR006566	31.17	31.17	0	0	10
IPR007214	2.3	2.04	2.33	1	10
IPR001370	6.17	6.17	0	0	10
PFO4685	1.62	2.4	1.15	2.75	10
IPR000547	9.31	9.31	0	0	10
IPR007737	3.01	1	3.02	0	10
IPR003116	5.96	5.96	0	0	10
IPR013101	20.55	20.55	0	0	10
IPR018929	1.92	0	1.92	0	10
IPR007822	1.96	1.95	1.98	1	10
IPR021369	2.7	2.7	0	0	10
IPR000323	3.16	3.24	2.5	0	10
IPR018500	2.23	2.23	0	0	10
IPR000426	5.63	8.32	0	1.11	10
IPR000422	1.29	1.53	1.29	1.02	10
IPR005474	2.64	2.36	2.73	1	10
IPR001944	3.54	6.25	1.53	1.5	10
IPR005534	1.18	1	1.18	0	10
IPR007050	6.7	0	1	7.16	10
IPR012960	1.15	1.26	1	1	10
IPR004038	3.18	7.52	1.45	1.87	10
IPR010314	1.35	1.35	0	0	10
IPR014731	1.76	1.11	1.84	1.84	10
IPR013057	17.26	18.5	1.2	1	10
IPR004455	1.72	2.89	1.62	1.44	10
IPR001029	2.84	1.67	2.85	0	10
PTHR11938:SF10	1.59	1	1.62	1.25	10
IPR002404	5.29	5.29	0	0	10
IPR009460	1.71	1.71	0	0	10
IPR005561	2.22	0	2.22	0	10
IPR006581	2.83	2.83	0	0	10

IPR001807	2.31	5.04	1.96	1.17	10
IPR001808	2.65	1	2.7	1.06	10
IPR002573	2.1	2.89	1.43	0	10
IPR003337	1.88	5.27	1.16	1.14	10
IPR007372	2.07	1	2.08	0	10
IPR008753	3.49	12.2	1.51	1	10
IPR011072	3.98	3.98	0	0	10
IPR000034	2.22	2.22	0	0	10
IPR001073	7.6	14.62	1.68	0	10
IPR010456	1.49	3.75	1.22	1.85	10
IPR001111	9.2	10.54	2.14	0	10
IPR006077	6.36	6.36	0	0	10
IPR000914	6.35	1.33	6.49	4.38	10
IPR000262	1.9	4.33	1.61	1.26	10
IPR019103	1.75	1.84	1	1	10
IPR013625	3.08	3.08	0	0	10
IPR018028	2.08	3.45	1.87	1	10
IPR011429	2.95	0	2.95	0	10
IPR019542	3.3	3.3	0	0	10
IPR003822	6.24	6.24	0	0	10
IPR014862	1.64	0	1.64	0	10
IPR007859	1.16	1.13	1.17	1	10
IPR007588	28.05	28.05	0	0	10
IPR013542	1.02	1	1.02	0	10
IPR005097	1.74	2.71	1.57	1.12	10
IPR005110	1.69	1.33	1.66	2.48	10
IPR013332	1.81	3.63	1.7	1.12	10
IPR001486	1.48	2.56	1.45	1	10
IPR010466	1.64	0	1.64	0	10
IPR014905	1.6	2.29	1.13	0	10
IPR005198	2.8	4.91	1.49	1	10
IPR000215	9.34	19.75	1.24	1.3	10
PF10412	1.79	0	1.81	1	9
IPR005068	3.62	0	3.62	0	9
IPR011612	1.22	1.15	1.23	1	9
IPR015865	1.03	1.18	1.02	0	9
IPR010506	1.4	1.41	1	0	9
IPR010507	6.11	9.14	1	1	9
IPR004276	1.49	3.61	1.38	1.5	9
IPR018910	1.03	0	1.03	0	9
IPR001674	1.04	1.21	1.03	1	9
IPR011698	2.19	1	2.18	2.38	9
IPR002713	8.48	8.57	3	0	9
IPR002826	1.51	0	1.71	1	9
IPR007122	18.26	18.26	0	0	9
IPR007123	4.33	4.33	0	0	9
IPR003871	29.5	29.5	0	0	9
IPR006150	41	41	0	0	9
IPR000361	2.41	2.37	2.44	1	9
IPR015794	1.52	3.71	1.3	1.13	9
IPR014978	2.91	2.91	0	0	9
IPR013497	1.33	1.56	1.28	0	9
IPR015899	1.06	2	1.05	1.33	9
PF12354	19	0	19	0	9
IPR019307	1.47	1.86	1.47	1	9
IPR006050	1.54	4.3	1.21	1.47	9
IPR000246	1.9	4.37	1.25	1.26	9
IPR000241	1.22	1.3	1.16	1.76	9
PTHR10343	2.13	2.31	1	0	9
PF03215	1.55	1.58	1	0	9
IPR002288	1.22	1	1.24	0	9
IPR001367	2.67	0	2.53	3.82	9
IPR001604	2.16	4.96	1.32	1	9
IPR000717	13.89	13.89	0	0	9
PTHR10032	3.31	3.39	0	1	9
PF10069	1.36	0	1.4	1	9
IPR006642	2.38	2.38	0	0	9
IPR007117	28.64	39.6	1.33	1	9
IPR001250	1.23	1.61	1.15	0	9



IPR003807	1.99	4.78	1.37	1	9
IPR014847	7.81	7.81	0	0	9
IPR000084	37.11	0	37.11	0	9
IPR013199	1.65	1	1.77	1	9
PTHR23244	1.91	2.17	1.1	1	9
IPR014775	4.06	4.06	0	0	9
IPR008144	1.32	1.58	1.16	0	9
IPR008170	3.05	1	2.9	5.07	9
IPR013937	1.97	1.97	0	0	9
IPR019835	2.23	2.77	1.41	0	9
IPR003448	1.11	1.13	1.11	1.1	9
IPR004146	38	38	0	0	9
IPR012328	3.05	12.26	1.33	0	9
IPR011656	2	2	0	0	9
IPR002928	5.54	5.54	0	0	9
IPR022096	2.29	2.29	0	0	9
IPR010525	22.88	22.88	0	0	9
IPR006630	4.36	4.36	0	0	9
IPR003374	1.48	2	1.5	1.06	9
IPR018487	23.83	25.73	3	0	9
IPR017455	1.25	1.25	0	0	9
IPR007034	2.16	2.21	0	1	9
IPR006461	8.3	8.3	0	0	9
IPR007597	2.92	0	2.91	3	9
IPR002686	2.92	0	2.91	3.07	9
IPR010491	1.21	1.21	0	0	9
IPR010493	1.26	4.5	1.14	1	9
IPR010499	2.58	1.5	2.62	1.47	9
IPR007348	1.47	1	1.48	1	9
PF06337	1.48	1.48	0	0	9
IPR000387	1.52	2.68	1.23	0	9
IPR001036	7.15	8.33	7.14	0	9
IPR008183	2.27	4.51	1.98	1	9
IPR002881	2.09	2	2.09	2.03	9
IPR014036	4.03	1	4.06	1	9
IPR001562	4.12	4.12	0	0	9
PF03706	1.94	1	1.93	2.08	9
IPR002020	1.97	3.31	1.84	1.3	9
PF09337	1.43	1.43	0	0	9
IPR006592	1.5	1.69	1	1	9
IPR013668	1.02	0	1.02	1	9
PF12349	1.87	1.98	1	0	9
IPR003122	2.8	1	2.81	0	9
IPR010332	1.24	0	1.25	1	9
IPR008586	15.14	15.14	0	0	9
IPR003325	4.32	1	4.36	0	9
IPR003321	1.37	0	1.37	1	9
IPR006668	1.38	1.33	1.38	1.14	9
IPR000889	1.66	3.06	1.41	0	9
IPR012928	2.08	0	2.18	1	9
PF05204	1.33	2	1	1	9
IPR013509	1.23	1.31	1.23	1.12	9
IPR000352	2.67	4.03	2.55	0	9
IPR019282	1.33	0	1.33	1	9
IPR002429	2.01	3.24	1.85	2.06	9
IPR001544	2.52	4	2.42	1.35	9
IPR015077	1.38	1	1.42	1	9
IPR009288	1.48	2.57	1.31	1.06	9
IPR020546	1.15	1.42	1.12	1	9
IPR005939	1.45	0	1.45	0	9
IPR007213	2.44	2	2.64	2.17	9
IPR013610	1.69	3	1.69	1	9
PF11490	1.07	0	1.07	0	9
IPR020974	1.94	0	1.94	0	9
PTHR10617	1.19	1	1.12	1.41	9
IPR002059	1.53	1.62	1.51	0	9
IPR003099	1.07	1.35	1.05	1.02	9
IPR003112	5.11	5.11	0	0	9
IPR005105	1.43	0	1.44	1	9

IPR013694	1.44	2.12	1.22	0	9
IPR014877	1.69	1.69	0	0	9
PF11598	2.42	2.42	0	0	9
IPR000425	2.8	10.12	1.7	1.09	9
IPR007642	2	2	0	0	9
IPR002627	1.18	2.7	1.05	0	9
IPR003445	1.64	3.12	1.52	1.61	9
IPR013093	2.29	2.1	2.52	1	9
IPR004345	5.12	5.12	0	0	9
IPR000933	2.21	1.97	2.43	1	9
IPR004177	2.37	2.37	0	0	9
IPR004172	9.15	9.15	0	0	9
IPR020942	3.19	0	3.19	0	9
IPR002004	2.68	2.68	0	0	9
IPR003672	1.72	2.67	1.62	2.23	9
IPR002915	1.76	1.23	1.79	2	9
IPR000510	5.4	3	5.44	5.18	9
IPR005077	1.47	2	1.4	2.5	9
IPR013848	2.09	2.22	2.15	1	9
IPR011682	2.21	3.79	1.56	1.25	9
IPR006869	2.93	9.31	1.07	1	9
IPR002525	4.21	1	4.24	3.57	9
IPR020864	3.56	4.28	1	0	9
IPR019026	1.06	1	1.07	0	9
IPR008913	1.86	2.55	1	1	9
IPR003306	2.83	3.21	1	0	9
IPR003307	3.72	3.72	0	0	9
IPR011761	1.41	1.29	1.43	1.08	9
IPR011765	3.1	7.68	2.63	1	9
IPR007346	1.33	2.71	1.27	0	9
IPR001022	33.67	33.67	0	0	9
IPR002616	1.18	2.22	1.06	1.44	9
IPR010402	35.7	35.7	0	0	9
IPR015886	1.43	1.71	1.42	1	9
IPR013735	1.01	0	1.01	0	9
IPR012983	3.52	3.52	0	0	9
IPR008731	1.62	0	1.62	1	9
IPR011539	7.71	7.71	0	0	9
IPR004588	1.04	1.91	1.02	0	9
IPR007791	1.71	1	1.71	0	9
IPR015803	1.24	1.96	1.19	1.02	9
IPR010566	6.78	0	6.78	0	9
IPR012878	1.92	2.04	1.92	1	9
IPR020562	1.04	1.27	1.03	1	9
IPR020560	1.05	1.28	1.03	1.02	9
IPR000175	4.16	13.78	2.51	2.61	9
IPR005492	25.56	28.62	1	0	9
IPR001090	5.96	5.96	0	0	9
IPR003618	2.14	2.14	0	0	9
IPR009039	5.23	5.64	3	0	9
IPR018973	1.28	1.14	1.34	1.13	9
IPR012932	1.26	1.62	1.18	1.21	9
IPR005594	2.78	0	2.78	0	9
IPR013701	1.25	0	1.13	1.84	9
IPR010663	1.87	1.26	1.89	1	9
IPR010660	1.81	1.81	0	0	9
PTHR23083:SF22	1.34	0	1.34	0	9
IPR000602	2.14	3.68	1.53	1.25	9
IPR021842	12.56	12.56	0	0	9
IPR006134	1.97	3.32	1.34	1.73	9
IPR000038	7.45	7.45	0	0	9
PF06371	3.42	3.42	0	0	9
IPR001792	1.62	3.07	1.43	1.93	9
IPR021779	5.5	0	1	7	9
IPR021772	1.2	1.2	0	0	9
IPR019080	1.66	2.81	1.42	0	9
IPR004249	35.43	35.43	0	0	9
IPR003368	6.39	8.5	6.31	5.5	9
IPR014867	1.41	2	1.41	1	9

IPR022164	2.85	2.85	0	0	9
IPR008640	11.33	0	11.33	0	9
IPR010376	1.36	1.82	1.26	0	9
IPR011105	2.29	0	2.29	0	9
IPR013338	1.58	0	1.58	0	9
PTHR23050	2.79	3.14	1	0	9
IPR001952	2.03	4.78	1.44	1	9
IPR001045	1.7	3.19	1.5	1.26	9
IPR019462	1.02	1	1.02	0	9
TIGR03504	1.06	0	1.06	0	9
IPR000926	1.51	2.38	1.46	1	9
IPR005193	2.83	2.82	2.86	0	9
IPR014002	30.86	30.86	0	0	8
PTHR12526	1.19	2	1.19	1	8
IPR012302	1.79	3.86	1.58	1.07	8
IPR004167	2.48	2.99	2.46	1.13	8
IPR011021	8.08	8.28	1.5	0	8
IPR001333	1.05	2	1.04	1	8
IPR011619	1.67	1	1.66	1.94	8
IPR003153	2.04	2.04	0	0	8
IPR012816	1.36	1.89	1.18	1	8
IPR006614	2.57	2.57	0	0	8
IPR003397	6.75	6.75	0	0	8
IPR003583	1.02	0	1.02	1	8
IPR001670	3.39	2.85	3.54	1.31	8
IPR002820	1.07	1.14	1.06	1.02	8
IPR007127	1.11	0	1.11	0	8
PTHR11107	1.07	1	1.06	1.2	8
IPR012912	1.32	1	1.34	1.14	8
IPR022309	2.01	2.59	0	1	8
IPR021983	1.18	1.18	0	0	8
IPR001538	1.48	1	1.5	1.06	8
PF01292	1.65	1	1.65	1	8
IPR014741	2.04	2.04	0	0	8
IPR002205	1.75	1.5	1.79	1	8
IPR019752	2.35	1.29	2.21	4.24	8
IPR007222	1.15	1.15	0	0	8
IPR008410	1.11	0	1.11	0	8
PF03407	7.52	11.88	1.18	0	8
IPR002951	1.76	1.81	1	0	8
IPR007525	1.81	1.5	1.27	4	8
IPR000556	1.22	0	1.22	0	8
IPR011647	3.75	0	3.75	0	8
IPR011642	4.19	1.75	4.42	3.47	8
IPR003101	1.91	1.91	0	0	8
IPR003108	2.57	2.57	0	0	8
IPR003109	8.64	8.64	0	0	8
IPR005170	2.67	2	2.7	1.67	8
IPR003346	4.27	1.5	4.18	8.22	8
PTHR13793	1.08	1.08	0	0	8
IPR007833	2.5	1	2.52	0	8
IPR013529	1.67	1.2	1.69	1.33	8
IPR005303	1.47	2.84	1.13	1	8
IPR002658	1.2	1.26	1.19	1.35	8
IPR013749	1.73	2.22	1.72	1.19	8
IPR001766	12.52	12.69	1	0	8
IPR011128	1.29	2.59	1.16	1	8
IPR011127	1.28	4.43	1.25	0	8
IPR010658	14.58	14.58	0	0	8
IPR001564	1.34	4.08	1.05	1	8
IPR007303	1.08	1.08	0	0	8
IPR015341	2	3.48	1.41	1.25	8
IPR019831	1.44	2.15	1.36	1.23	8
PF03054	1.18	1.49	1.16	1	8
IPR013637	1.48	1.52	1	0	8
PF07842	2.01	2.01	0	0	8
IPR007512	1.35	1.36	1	0	8
IPR001898	2.17	3.19	1.99	1.09	8
IPR015847	2.77	3.73	2.71	1.97	8

IPR001498	1.06	1.4	1.02	1.05	8
IPR004255	4.85	5.36	4.8	1	8
IPR004253	53.62	53.62	0	0	8
IPR022257	2.64	2.64	0	0	8
IPR004720	2.57	1	2.59	1	8
IPR001269	2.01	4.03	1.82	1.12	8
IPR014819	1.45	3	1.41	0	8
PF11936	2.06	2.06	0	0	8
IPR005085	1.68	3.33	1.48	1	8
IPR009076	1.56	1.56	0	0	8
IPR010303	1.43	1.43	0	0	8
IPR010307	2.9	3	1	0	8
IPR005126	2.06	0	2.06	0	8
IPR000649	1.84	4.4	1.11	1.74	8
IPR002108	6.58	6.58	0	0	8
IPR004198	2.03	2.03	0	0	8
IPR004199	1.53	1.38	1.55	1	8
IPR001381	1.26	2.53	1.03	1.02	8
IPR021309	1.38	1	1.38	1.5	8
IPR011546	1.52	2.89	1.39	0	8
IPR002888	3.38	4.23	3.31	1.87	8
IPR003754	1.21	1.41	1.2	1.13	8
IPR021773	1.84	1.84	0	0	8
IPR021886	1.05	1.32	1.03	0	8
IPR004112	2.18	1.82	2.26	1.49	8
IPR004114	1.55	1.43	1.4	3.22	8
IPR004117	58.37	61.56	0	1	8
IPR002220	2.44	3	2.44	1.76	8
IPR003200	1.09	1	1.1	1	8
IPR015129	8	8	0	0	8
IPR015123	4.75	4.75	0	0	8
IPR019503	1.25	1	1.26	0	8
IPR002734	2.08	1.76	2.16	1.29	8
IPR015425	2.13	2.13	0	0	8
IPR002505	1.79	1.67	1.8	1.11	8
IPR000840	5.2	5.2	0	0	8
IPR020802	1.25	0	1.25	0	8
IPR018799	1.43	1.43	0	0	8
IPR018967	1.49	1.77	1.37	1.92	8
IPR000674	3.15	4.09	2.89	5.13	8
IPR019446	1.85	1.91	1	0	8
IPR018886	1.19	1	1.19	1.36	8
IPR013993	2.3	2.3	0	0	8
IPR013999	2.46	2.46	0	0	8
IPR005311	2.29	1	2.29	0	8
IPR011519	2.75	1.36	3.33	1	8
IPR006062	2.18	2.13	2.17	2.48	8
IPR015798	3.03	5.59	1.29	1	8
IPR011496	1.17	1.23	1.14	1	8
IPR006562	2.29	2.29	0	0	8
IPR006567	2.3	2.3	0	0	8
IPR008616	1.1	1.24	1.05	1.2	8
IPR011651	3.33	3.33	0	0	8
IPR013698	2.06	2.2	1	0	8
IPR012569	11.2	2	12.22	0	8
IPR001241	1.68	1.52	1.71	1	8
IPR005314	1.59	1.59	0	0	8
IPR004850	1	1	1	0	8
IPR004852	1.76	0	1.76	1	8
IPR001574	13.5	21.5	1.5	0	8
IPR001578	3.79	3.79	0	0	8
IPR007647	2.26	3.07	0	1	8
IPR015378	1.44	1	1.44	0	8
IPR010472	3.21	3.21	0	0	8
IPR014930	4	4	0	0	8
IPR004343	1.61	1.62	1	0	8
IPR004344	4.98	5.32	1.29	0	8
PTHR13712:SF9	1.11	1.33	1.07	1	8
IPR021717	1.59	1.59	0	0	8

IPR008824	1.22	1	1.24	1	8
IPR002797	2.84	2	2.83	3.03	8
IPR001322	2.47	3.3	1	1	8
IPR009254	2.57	2.74	1	0	8
TIGR01686	1.18	0	1.18	0	8
PF02374	2.05	2.28	2.04	1.76	8
PTHR10098:SF12	1.4	2.33	1.3	0	8
IPR001158	4.19	4.32	0	1	8
IPR022060	1.15	0	1.15	0	8
IPR003385	1.2	3.15	1.14	1.11	8
IPR003382	1.79	1.83	1.75	2.36	8
IPR001830	1.8	4.32	1.29	1	8
IPR002717	3.74	3.74	0	0	8
IPR013567	1.43	1.43	0	0	8
IPR006863	2.66	2.71	1	0	8
IPR002088	10.42	10.67	1	1	8
IPR007159	2.75	2	2.33	6.72	8
IPR012592	1.15	1.16	1	0	8
IPR012591	1.14	1.14	0	0	8
IPR008273	8.37	8.37	0	0	8
IPR004185	1.11	0	1.12	1	8
IPR007345	1.37	1	1.38	1.12	8
IPR019581	1.16	1.16	0	0	8
IPR019580	1.38	1.38	0	0	8
IPR019582	1.14	1.14	0	0	8
IPR013736	1.59	3	1.52	1	8
IPR010614	1.26	1.4	1.22	1.43	8
IPR018121	7.39	7.39	0	0	8
IPR018127	4.31	4.31	0	0	8
IPR012984	1.22	1.22	0	0	8
IPR004102	1.96	2	1	0	8
IPR008139	13.24	13.24	0	0	8
IPR008136	1.19	1.06	1.19	1	8
IPR004881	1.29	1.78	1.27	1.2	8
IPR005913	1.49	2.1	1.45	1.42	8
IPR007234	1.4	1.4	0	0	8
IPR003617	3	3	0	0	8
IPR004398	1.09	1.9	1.08	1	8
IPR004210	18.5	18.5	0	0	8
IPR018975	5.62	0	1	13.33	8
IPR000684	15.47	15.47	0	0	8
IPR000685	1.66	4.67	1.57	1	8
IPR001222	3.09	4.17	0	1.17	8
IPR001228	1.32	1.24	1.32	1.41	8
IPR006336	1.48	2.62	1.47	1.17	8
PF11971	1.5	1.5	0	0	8
IPR006740	4.95	4.95	0	0	8
PTHR22572	1.29	2.07	1.2	1.25	8
IPR000031	1.25	1.29	1.23	1.62	8
IPR009647	1.05	1	1.05	0	8
IPR006895	4.93	4.93	0	0	8
IPR018306	4.1	16.79	1.24	1	8
IPR004367	4.6	4.6	0	0	8
IPR007037	1.67	2	1.66	0	8
IPR010926	2.36	2.36	0	0	8
IPR001135	1.87	1.68	1.86	2.3	8
IPR005200	1.44	1.62	1.06	0	8
IPR010743	1.07	0	1.07	1	8
IPR019466	4.15	5.1	1	0	8
IPR012706	4.27	0	4.27	0	8
IPR003165	4.72	6.14	1	1	8
IPR013132	1.33	1.21	1.36	1	8
IPR006629	5.33	5.33	0	0	8
IPR000101	2.11	3.86	1.9	1	8
IPR000843	9.09	1.5	9.12	0	8
PF11924	2.36	0	2.36	0	8
IPR010819	1.5	2.5	1.44	1.7	8
IPR010810	2.11	5	2.1	0	8
IPR007324	1.84	0	1.84	0	8

IPR013546	2.81	1	2.81	0	8
IPR019575	1.62	1.44	1.65	1	8
IPR019008	1.41	1.49	1	0	8
IPR021602	4.06	7.38	1.11	0	8
IPR002871	1.26	1.33	1.25	1.2	8
IPR005111	1.6	1.29	1.58	2.09	8
IPR005116	2.74	0	2.77	2	8
IPR005114	5.8	12	5.36	0	8
PTHR23083:SF15	1	1	1	0	8
IPR000183	4.1	5.18	4.05	2.48	8
IPR007434	1.12	1.5	1.11	0	8
IPR013079	3.23	3.63	1	1	8
IPR015942	2.07	1.64	2.09	1.86	8
IPR013751	1.78	1.29	1.81	1	8
IPR010280	1.65	1.59	1.65	1.67	8
TIGR03507	3.32	0	3.32	0	8
IPR001754	1.37	1.58	1.3	2.02	8
IPR006527	42.33	42.33	0	0	7
IPR017884	1.65	1.65	0	0	7
IPR007634	1.13	1	1.13	0	7
IPR001339	1.59	1.59	0	0	7
IPR002903	1.03	1.27	1.02	0	7
PF02345	11.5	11.5	0	0	7
IPR015866	1.11	1.89	1.04	1	7
IPR005380	12.71	12.71	0	0	7
IPR010509	1.7	2.79	1.34	0	7
IPR013857	1.4	1.83	1.1	0	7
IPR006613	2.78	2.78	0	0	7
IPR006615	4.3	4.3	0	0	7
IPR003392	3.19	3.67	1	0	7
IPR008424	6.5	6.5	0	0	7
IPR014837	2.55	2.55	0	0	7
IPR015415	3.2	3.55	0	1.15	7
IPR002988	5	0	5	0	7
IPR019236	1.49	2.1	1.14	0	7
IPR005357	2.32	0	2.25	3.58	7
IPR004919	1.69	1.83	1.7	1.33	7
IPR008902	2.81	4.31	2.73	1	7
IPR011451	1.31	0	1.31	0	7
TIGR01954	1.72	0	1.72	0	7
IPR005146	1.21	1.34	1.18	1.41	7
IPR008042	5.38	5.38	0	0	7
IPR003316	7.62	7.62	0	0	7
IPR004629	1.25	1	1.25	0	7
IPR002594	2.23	4.07	1.39	2.1	7
IPR010439	5.04	5.04	0	0	7
IPR004291	3.63	3	3.67	2.57	7
IPR004299	2.54	6.07	1.56	0	7
IPR003776	1.26	0	1.27	1.08	7
IPR008727	3.14	0	3.15	2	7
IPR013591	18.12	18.12	0	0	7
IPR004305	1.62	2.08	1.5	2.5	7
IPR004302	1.9	2.67	1.72	1	7
IPR002602	7	7	0	0	7
IPR004030	1.42	2.13	1.05	1	7
TIGR02608	8.5	0	8.5	0	7
PF12468	3.65	0	3.65	0	7
IPR002496	1.04	1.03	1.04	1	7
IPR006571	3.57	3.57	0	0	7
IPR003887	4.57	4.57	0	0	7
PTHR23416:SF7	1.64	1.56	1.65	1.25	7
IPR005031	1.46	2	1.38	1.14	7
IPR002569	1.56	1.92	1.54	1.17	7
IPR011646	1.38	1.65	1.35	1.12	7
IPR011644	1.96	4.1	1.07	0	7
IPR020828	1.81	2.85	1.73	1.16	7
IPR000711	1.09	1.48	1.05	0	7
IPR001444	5.99	3	6.01	0	7
IPR002369	4.06	4.16	1	0	7

IPR018004	11.54	33.55	1.36	1	7
IPR018948	1.03	1.14	1.02	0	7
IPR006641	1.69	2.15	1.68	1	7
IPR001874	1.18	1.25	1.18	0	7
IPR009721	3.33	6.54	2.53	1	7
IPR002750	1.09	0	1.08	1.2	7
IPR006703	9.51	11.85	1.62	0	7
IPR006702	30.67	30.67	0	0	7
IPR012946	11.74	11.74	0	0	7
IPR003726	1.49	2.54	1.38	1	7
IPR006124	1.74	2.16	1.72	1.52	7
IPR000007	5.37	5.37	0	0	7
PF12515	9.57	9.57	0	0	7
IPR001063	1.16	2.58	1.02	1	7
IPR019449	1.19	1.23	1	0	7
IPR015342	1.11	1.11	0	0	7
PF12047	3.86	3.86	0	0	7
IPR021099	17.86	17.86	0	0	7
IPR004152	3.77	3.77	0	0	7
IPR010754	1.69	1.69	0	0	7
IPR009223	10.59	10.59	0	0	7
IPR008635	11.75	0	11.75	0	7
IPR015848	1.03	1.39	1.02	1	7
IPR022092	1.18	1.19	1	0	7
IPR010524	1.21	0	1.21	0	7
IPR010523	1.78	0	1.78	0	7
IPR006637	5.55	0	5.55	0	7
IPR002761	1.21	1.12	1.31	1.24	7
IPR017456	1.1	2.09	1.02	1	7
PF11930	1.91	2.35	1.8	2.58	7
IPR015289	1.93	1.56	2.5	0	7
IPR007842	2.67	2	1.83	5.7	7
IPR005379	11.14	11.14	0	0	7
IPR018769	3.81	2	3.83	0	7
PTHR10098:SF14	1	1	1	1	7
IPR005121	1.05	1.26	1.03	1	7
IPR000642	1.76	4.22	1.53	0	7
IPR019606	1.61	0	1.61	0	7
PF11898	1.05	0	1.05	0	7
IPR003856	2.29	1	2.3	1	7
IPR014895	2.08	2.7	1.86	0	7
IPR013049	1.28	1.51	1	1.02	7
IPR010652	1.39	1.5	1.39	1.43	7
IPR009270	1.42	0	1.42	0	7
IPR006170	22.05	22.05	0	0	7
IPR006172	1.07	1.12	1	1	7
IPR019474	1.58	1.58	0	0	7
IPR016061	1.11	1.35	1.02	1	7
IPR013748	2.46	3.12	0	1.36	7
IPR019556	2.49	0	2.49	0	7
IPR019551	2.47	4	2.46	0	7
IPR014820	1.38	0	1.38	1	7
IPR015390	4.19	4.19	0	0	7
IPR007894	1.11	0	1.11	0	7
PF06010	1	1	0	0	7
IPR008044	1.08	0	1.08	0	7
PF11969	1.58	2.2	1.02	1	7
PF03138	17.14	17.14	0	0	7
IPR022126	3	3	0	0	7
IPR019441	1.45	1.45	0	0	7
IPR005580	1.39	1	1.41	1	7
IPR006805	1.56	2.51	1.52	1.18	7
IPR013995	2.62	2.62	0	0	7
IPR003700	1.08	1.23	1.08	1	7
IPR013716	1	1	0	0	7
IPR004860	1.17	1.3	1	0	7
IPR004867	1.17	2	1.14	1	7
PF11187	1.24	0	1.24	0	7
IPR011700	2.27	2.38	1	1	7

IPR000023	1.79	4.41	1.41	1.8	7
IPR013237	1.34	0	1.34	0	7
IPR006880	1.6	1.6	0	0	7
IPR013917	1.12	1.15	1.27	1	7
IPR003782	1.68	1.46	1.73	1.29	7
IPR001127	2.47	0	2.47	0	7
IPR020097	2.43	5.75	2.14	1.68	7
IPR022233	1.25	1.25	0	0	7
IPR013618	3.44	3.64	2	0	7
IPR003190	1.05	1	1.05	1	7
IPR001636	1.09	1.24	1.07	1.12	7
IPR002558	2.02	2.02	0	0	7
IPR003114	2.11	2.11	0	0	7
MF_00316	1.03	0	1.04	1	7
IPR013102	1.08	1.33	1.08	1	7
IPR004237	7.14	0	7.14	0	7
IPR018958	2.15	1.51	2.31	0	7
IPR008006	2.06	0	2.06	0	7
IPR005107	2.51	4.07	2.24	1.87	7
IPR013342	3.48	2.38	3.52	4.65	7
IPR013691	1.38	1	1.39	1	7
IPR001865	1.16	2.49	1.02	1	7
IPR018205	3.75	3.75	0	0	7
IPR003833	1.44	1	1.47	1	7
IPR014787	1.06	0	1.06	0	7
IPR014878	1.49	2.21	1.35	0	7
IPR012958	1.47	1.47	0	0	7
IPR012957	1.83	1.83	0	0	7
PF12054	1.12	1.12	0	0	7
IPR003732	1.05	1.28	1.02	1	7
IPR005108	2.96	2.96	0	0	7
IPR005101	1.81	4.13	1.53	1.83	7
IPR007160	2.08	0	2.03	2.45	7
IPR021130	1.05	1.02	1.05	1.03	7
IPR021860	1.57	2.75	1.48	1	7
IPR007646	1.81	2.34	0	1	7
IPR000015	4.65	1	4.68	0	7
IPR019180	1.13	1.19	1.03	0	7
IPR005533	1.55	1.55	0	0	7
IPR002622	3.54	1	3.86	1.25	7
IPR018328	1.64	1.64	0	0	7
IPR018326	1.61	1.61	0	0	7
IPR018327	1.64	1.64	0	0	7
IPR018325	1.7	1.7	0	0	7
IPR010290	2.27	1	2.28	1	7
IPR008557	1.31	1	1.31	1	7
IPR011261	1.64	2.03	1	1	7
IPR011266	3.59	0	3.59	0	7
IPR018704	1.02	0	1.02	0	7
IPR007936	1.46	14	1.29	0	7
IPR002791	1.8	2.69	1.08	1.06	7
IPR011019	2.05	2.05	0	0	7
IPR002346	2.68	4.11	2.46	1.87	7
IPR019104	1.5	0	1.5	0	7
IPR000514	1.34	1.32	1.36	1	7
IPR012495	2.66	1	2.67	0	7
IPR010538	1.27	0	1.27	0	7
IPR013849	1.02	0	1.02	1	7
IPR003140	1.82	3.71	1.52	1.4	7
IPR004262	8.11	10.78	1	0	7
PF11865	1.39	1.39	0	0	7
PTHR23283	1.09	1.67	1.03	1	7
IPR008580	2.68	2.68	0	0	7
IPR009769	14.56	14.56	0	0	7
IPR007858	2.83	2.83	0	0	7
IPR014808	1.12	1.14	0	1	7
IPR013568	2.23	4.18	1.11	0	7
IPR013565	1.33	1.59	1.07	0	7
IPR013566	1.41	1.41	0	0	7



IPR004695	1.45	3.67	1.16	1.09	7
IPR020865	3.73	4.28	1	0	7
IPR019023	1.8	1.8	0	0	7
PTHR21666	1.23	1.5	1.18	0	7
IPR018773	1.24	0	1.24	0	7
PF04755	4.53	14.44	1.65	0	7
IPR003309	46.83	46.83	0	0	7
IPR019614	1.6	1.11	1.62	1.11	7
IPR021833	6	6	0	0	7
IPR003846	1.12	1.35	1.09	1.33	7
IPR005576	2.36	3.2	0	1	7
IPR007698	1.6	1.75	1.59	1	7
IPR001971	1.26	3.65	1.01	1	7
IPR018866	2.84	2.84	0	0	7
IPR021315	1.87	0	1.89	1	7
IPR019409	1.12	1.12	0	0	7
IPR000232	5.68	5.68	0	0	7
IPR012280	1.95	2.23	1.92	2.15	7
IPR004105	1.7	0	1.73	1	7
IPR008737	8.54	8.54	0	0	7
IPR009462	1.76	1.76	0	0	7
PF11789	1.54	1.53	2	0	7
PF11783	1.39	0	1.41	1	7
IPR013212	1.84	1.84	0	0	7
IPR002036	1.04	1.73	1.02	0	7
IPR007554	2.15	0	2.18	1.5	7
IPR000523	1.36	1	1.38	1.3	7
PF06468	3	3.96	1.83	1	7
IPR008302	1.28	1.25	1.28	1	7
IPR004883	41.25	41.25	0	0	7
IPR002489	1.33	1.49	1.26	2.19	7
IPR006580	4.4	4.4	0	0	7
IPR006586	6.94	6.94	0	0	7
IPR005491	3.34	3.43	1	0	7
IPR006912	9.9	9.9	0	0	7
IPR000811	1.5	2.11	1.42	1.11	7
IPR001619	5.91	5.91	0	0	7
IPR015191	1.02	0	1.02	0	7
IPR013168	1.36	0	1.36	0	7
IPR003338	2.04	2.53	1.03	2.09	7
IPR003331	1.48	2.71	1.45	1.71	7
PTHR23022	2.42	1.93	2.88	2	7
IPR002119	6.48	6.55	1	0	7
IPR013537	1.44	1.55	1.11	0	7
IPR000341	3.68	3.68	0	0	7
IPR001699	11.47	11.47	0	0	7
IPR001694	1.94	5.59	1.5	2.02	7
IPR012669	1.33	0	1.33	0	7
IPR018720	1.75	0	1.68	2.17	7
IPR010347	1.98	1.98	0	0	7
IPR008533	1.13	1	1.13	1	7
IPR004871	3.64	3.64	0	0	7
IPR007012	2.53	2.58	1	0	7
IPR011079	1.31	2	1.31	1	7
IPR001075	1.4	2.18	1.28	1.57	7
IPR011505	2.41	0	2.41	0	7
IPR003008	1.76	2.39	1.09	1.5	7
IPR001796	1.15	1.51	1.1	1.75	7
PTHR10588:SF23	1.15	1.2	1	0	7
IPR006553	6.37	6.38	6	0	7
PF12409	1.46	1.46	0	0	7
IPR015163	2.51	2.48	1	2.59	7
IPR013137	2.3	2.21	1	2.74	7
IPR003488	1.13	2	1.13	1	7
IPR019545	1.09	1.27	1.05	2	7
IPR002196	2.03	1.67	2.05	0	7
IPR000846	2.4	5.7	2.37	2	7
IPR010817	1.02	0	1.02	0	7
IPR015015	2	2	0	0	7

IPR004948	1.11	1.25	1	1.17	7
IPR006845	3.06	3.06	0	0	7
IPR010176	36.5	0	36.5	0	7
IPR003816	1.42	1	1.42	1.44	7
IPR001424	1.76	4.32	1.13	1	7
IPR015256	1.2	1.32	0	1.02	7
IPR002878	3.65	0	4.2	2.54	7
IPR003220	2.66	1	2.65	3.11	7
IPR011109	2.44	1	2.45	0	7
PTHR23083:SF18	1.16	1	1.17	0	7
IPR000181	1.67	1.96	1.66	2	7
IPR006109	1.21	2.52	1.07	1	7
IPR001959	6.91	0	6.97	6.44	7
IPR001046	1.81	3.2	1.63	1.4	7
IPR002634	1.97	2.45	1.89	1	7
IPR013752	1.8	3.81	1.67	1.04	7
IPR005196	1.41	1.15	1.46	1	7
IPR005195	1.5	1.54	1.49	1	7
IPR014004	2.49	0	2.49	0	6
IPR021729	1.41	0	1.41	0	6
IPR021894	1.44	1.44	0	0	6
IPR006695	3.41	3.94	1	0	6
IPR003462	1.74	1.34	1.85	1.48	6
IPR012301	1.79	3.79	1.58	1.07	6
IPR004165	3.34	3.45	3.4	1.56	6
IPR004166	3.88	4	1	0	6
IPR007370	1.06	1	1.06	1	6
IPR009240	4.33	4.33	0	0	6
IPR002013	4.61	4.61	0	0	6
IPR005062	4.38	4.38	0	0	6
PTHR16166	1.5	1.5	0	0	6
IPR005381	7	7	0	0	6
IPR013858	1.49	1	1.5	0	6
IPR006603	6.17	6.53	1	0	6
IPR010827	5.65	3.1	5.7	0	6
IPR001675	6.23	8.61	1.18	0	6
IPR019035	1.18	1.18	0	0	6
IPR008909	1.63	2.14	1.62	1	6
IPR010323	1.11	1.15	1.11	0	6
IPR012894	1.85	1.5	1.85	0	6
IPR012893	1.81	1.33	1.82	0	6
IPR001207	4.02	1	4.07	3.71	6
IPR019590	8.25	8.25	0	0	6
IPR012919	3.04	3.07	1	0	6
IPR012913	3.18	3.18	0	0	6
IPR021327	1.61	1	1.61	0	6
IPR000368	2.86	13.86	1.29	0	6
IPR019415	1.17	1.17	0	0	6
IPR003103	3.06	3.09	1	0	6
IPR013115	1.05	1.21	1.03	1.08	6
IPR013118	2.1	1.4	2.15	0	6
IPR003774	1.09	3.36	1.03	0	6
IPR003778	1.44	1	1.47	1	6
IPR017930	1.95	1.95	0	0	6
IPR004813	3.06	10.11	1.27	1.6	6
IPR014744	1.67	1.67	0	0	6
IPR014742	1.91	1.91	0	0	6
PF11793	1.34	1.34	0	0	6
IPR000056	1.24	1.55	1.21	1	6
IPR019499	1.04	1.74	1.02	0	6
IPR009297	1.04	1.1	1.04	1	6
IPR018541	1.25	1	1.25	0	6
PF12464	1.45	2.42	1.34	1.25	6
IPR010572	1.43	0	1.43	0	6
PF02160	3	3	0	0	6
IPR007192	1.12	1.12	0	0	6
IPR007194	3.26	3.29	0	1	6
IPR013606	3.06	3.06	0	0	6
IPR021257	1.05	0	1.05	0	6

PF11716	4.4	0	4.4	0	6
IPR003884	4.67	4.67	0	0	6
IPR010722	1.43	1.16	1.45	1.56	6
IPR010720	2.15	3.14	1.91	1	6
IPR019568	1.14	1.16	1	0	6
IPR015022	1.94	1.94	0	0	6
IPR004923	1.24	1.84	1.18	1	6
IPR005033	2.59	2.61	1	0	6
IPR005631	1.05	1.23	1.02	0	6
IPR013113	1.69	2	1.68	0	6
IPR004223	1.06	1.44	1.05	1	6
IPR018946	2	2.67	1.86	0	6
IPR018941	3.2	3.2	0	0	6
IPR009723	1.27	1.27	0	0	6
IPR012948	1.84	1.84	0	0	6
PF11901	3.86	4.77	1	0	6
IPR022140	1.95	1.95	0	0	6
IPR000083	29.82	29.82	0	0	6
IPR002654	1.88	2.26	1.82	0	6
IPR003728	1.04	2.33	1.02	0	6
IPR003722	1.08	0	1.09	1	6
IPR001767	1	1	1	0	6
IPR017940	1	1	1	1	6
IPR008521	3.51	4.04	1.19	0	6
IPR001567	1.91	2.73	1.83	1.09	6
IPR021128	7.51	7.51	0	0	6
IPR021789	6.92	6.92	0	0	6
IPR014770	1.8	1.8	0	0	6
IPR019191	1.23	1.27	1.1	0	6
IPR019443	1.31	1.31	0	0	6
IPR018317	1.11	1	1.07	1.62	6
PF05935	2.46	5.09	2.13	2.5	6
IPR003036	4.2	4.2	0	0	6
IPR010930	5.76	3.5	5.77	0	6
IPR010939	17.06	17.06	0	0	6
IPR008801	16.62	16.62	0	0	6
PF04366	1.72	2.47	1.47	0	6
IPR003442	1.03	1.5	1.02	0	6
IPR009428	1.83	1.83	0	0	6
IPR009224	5.33	5.33	0	0	6
IPR007516	1.8	1.62	1.1	4	6
IPR011637	2.73	1.67	2.76	2	6
IPR021012	4.86	4.86	0	0	6
IPR001148	3.67	8.67	1.08	0	6
IPR004518	2.12	2.55	2.15	1.23	6
IPR015154	3.8	3.8	0	0	6
IPR010383	1.98	1	1.99	2	6
IPR003173	1.32	1.37	1	0	6
IPR004254	1.59	4.46	1.11	0	6
IPR006634	5.9	5.9	0	0	6
IPR003379	1.2	1.24	1.21	1	6
IPR001268	1.5	1.37	1.5	1.66	6
IPR018485	3.34	4.59	3.25	1.45	6
IPR019012	1.15	1.2	1	1	6
IPR006164	1.61	2.22	1.39	0	6
IPR009342	1.99	0	1.99	2	6
IPR008880	1.07	1.6	1.07	0	6
IPR003855	2.06	8.17	1.45	1	6
IPR007420	1.55	1.75	1.55	0	6
IPR018876	1.82	0	1.82	0	6
IPR001382	5.84	6.11	1	0	6
PF12569	1.31	1.31	0	0	6
IPR001037	5.33	5.33	0	0	6
IPR019475	1.02	0	1.02	0	6
PF04056	1.36	1.41	1	0	6
IPR010401	1.26	1.18	1.29	1.33	6
IPR001516	2.48	11.4	1.7	1.52	6
IPR018154	11.22	11.22	0	0	6
IPR012314	1.43	1.38	2	0	6

IPR017890	2.34	2.34	0	0	6
IPR005552	2.32	2.59	1	0	6
IPR007547	1	1	1	1	6
PF06983	1.88	1.07	1.92	1	6
IPR004094	4.57	4.75	1	0	6
IPR004097	1.05	1.16	1.02	1	6
IPR002740	1.12	1.33	1.09	1.25	6
IPR006034	1.42	1.83	1.4	1.07	6
IPR022048	5.11	5.11	0	0	6
IPR010515	1.96	2.05	1	0	6
IPR020573	1.1	0	1.1	0	6
TIGR01451	2.36	0	2.36	0	6
IPR011663	3.89	2	3.9	0	6
IPR013738	1.69	1	1.74	1	6
IPR013820	1.06	1.26	1.04	1.1	6
IPR005154	1.29	1.8	1.18	1	6
IPR003322	8.67	8.67	0	0	6
IPR007137	2.86	1	2.88	0	6
IPR021147	1.14	0	1.14	0	6
IPR006149	13.94	13.94	0	0	6
IPR013552	2.89	0	2.89	0	6
IPR010440	1.76	1.52	1.82	1	6
IPR021647	2.08	2	2.08	0	6
IPR013932	1.24	1.24	0	0	6
IPR017927	1.18	1.43	1.04	1	6
IPR017926	1.03	1.11	1.02	1	6
IPR017921	1.31	1.31	0	0	6
IPR008507	10.33	10.33	0	0	6
PF03543	1.47	0	1.47	0	6
IPR004865	9.6	9.6	0	0	6
PF12344	1.01	1	1.01	1	6
IPR008811	3.48	4.55	1.38	1.89	6
IPR002212	30	30	0	0	6
PF11414	1.89	1.89	0	0	6
IPR001085	1.33	2.73	1.21	1.05	6
IPR001086	1.14	2.24	1.08	1	6
IPR008152	4.61	4.61	0	0	6
IPR018379	5.96	5.96	0	0	6
PTHR11254	1.2	1.2	0	0	6
PTHR16166:SF25	1.67	1.67	0	0	6
TIGR01376	2.75	0	2.75	0	6
IPR013798	1.09	1.35	1.07	1.18	6
IPR009674	1.19	1.19	0	0	6
IPR007942	8.25	8.25	0	0	6
IPR012855	1.78	0	1.78	0	6
IPR007210	2.45	0	2.48	1.17	6
IPR008795	6.04	6.04	0	0	6
IPR006977	2.34	3.79	1.31	1.88	6
IPR010734	2.69	2.69	0	0	6
IPR010737	1.57	1.73	1.56	1	6
IPR002058	4.03	4.03	0	0	6
IPR019079	1.36	1.33	1.36	1.33	6
IPR005625	2.32	2	2.32	0	6
IPR003117	2.82	2.82	0	0	6
IPR003118	7.12	7.12	0	0	6
IPR013107	3.39	1	3.49	0	6
IPR018951	1.56	1.65	1.56	1	6
IPR009737	1.82	2.61	1.29	1	6
IPR003500	1.45	1.23	1.47	1	6
IPR019558	1.98	1.98	0	0	6
IPR019559	4.88	4.88	0	0	6
IPR018203	2.86	2.94	1	0	6
IPR003837	1.04	1.31	1.02	1	6
IPR000092	2.36	5.1	2.12	1.7	6
IPR019411	2.48	2.48	0	0	6
PTHR19222	1.17	1	1.18	1.2	6
IPR016009	1.07	1.64	1.02	1	6
IPR013182	2.23	2.23	0	0	6
IPR004859	2.81	2.81	0	0	6

IPR004906	1.92	1.92	0	0	6
IPR011116	1.14	2.33	1.13	0	6
IPR000627	2.83	3.96	2.69	1	6
IPR007167	1.69	0	1.69	1.65	6
IPR001576	1.14	2.16	1.04	1.11	6
IPR011759	1.53	3.46	1.18	1	6
IPR005735	11.3	11.3	0	0	6
IPR001852	1.14	1.85	1.03	1	6
IPR013263	2.01	0	2.01	0	6
IPR008164	2.07	6.2	1.53	0	6
PTHR12183	3.71	3.71	0	0	6
PTHR22908	1	1	1	0	6
IPR006096	1.63	2.63	1.5	1.57	6
IPR010902	1.13	0	1.14	1	6
IPR007053	2.31	5.78	1.31	0	6
IPR008553	5.67	0	0	5.67	6
IPR014015	1.15	1	1.17	1	6
IPR007939	1.35	1	1.36	0	6
IPR020046	1.19	2.11	1.08	0	6
IPR020047	1.54	1.8	1.36	0	6
IPR008457	1.53	1	1.53	1.5	6
IPR008456	3.29	0	3.29	0	6
IPR006946	10.11	14.67	1	0	6
IPR005079	1.23	1.45	1.16	1	6
PF11547	1	1	0	0	6
PF11543	1.22	1.23	1	0	6
IPR011601	1.06	1.33	1.06	1	6
IPR003228	1.55	1.55	0	0	6
IPR008331	2.42	4.53	2.33	1.37	6
IPR008332	1.41	1.4	1.41	1	6
IPR015143	1.57	1.57	0	0	6
IPR015149	1.43	1.43	0	0	6
IPR007739	1.46	1	1.47	0	6
IPR007267	1.62	1	1.65	1.13	6
IPR015404	3.66	3.7	1	0	6
IPR015406	1.97	0	1.97	0	6
IPR015403	2.42	2.42	0	0	6
IPR019452	1.41	1.41	0	0	6
IPR013563	7.77	1.5	7.88	6.21	6
IPR019456	1.2	1.8	1.18	0	6
IPR005345	1.16	1.16	0	0	6
PTHR23416	1.42	2.23	1.4	1.11	6
IPR002523	2.3	8.12	1.85	1.47	6
IPR010482	2.41	2.41	0	0	6
IPR003308	3.4	3.4	0	0	6
IPR012590	1.18	1.18	0	0	6
IPR021835	1.06	0	1.05	1.33	6
IPR003840	1.5	2	1.2	0	6
PF11941	1.18	0	1.18	0	6
IPR022100	1.11	1.11	0	0	6
IPR019583	7.6	7.6	0	0	6
IPR001398	1.71	2.31	1	0	6
IPR019406	3.27	3.27	0	0	6
IPR010403	1.99	1	2	2	6
IPR022310	2.04	1.94	2.03	2.43	6
IPR005811	2.47	4.42	2.25	2	6
IPR000494	11.67	11.95	1	0	6
IPR017903	7.14	7.14	0	0	6
IPR014027	2	2.09	2	1.88	6
IPR001529	1.79	1.95	1	1.5	6
IPR001888	3	3	0	0	6
IPR002093	6.89	7.22	1	0	6
IPR019316	2.83	7.4	1.08	0	6
IPR015153	4.72	4.72	0	0	6
IPR004314	24.45	33.12	1.33	0	6
IPR015800	2.47	4.41	1.25	1	6
IPR001101	35.47	35.47	0	0	6
IPR021586	1.57	0	1.45	2	6
IPR015116	2.71	2.71	0	0	6

IPR022125	1.04	1.04	0	0	6
IPR022212	10	10	0	0	6
IPR007817	1.29	1.57	1.07	0	6
IPR007237	6.37	6.37	0	0	6
IPR019396	2.58	2.63	1	0	6
IPR005493	1.88	1.95	1.93	1	6
IPR006910	2.28	2.28	0	0	6
IPR015387	1	0	1	0	6
IPR015008	1.56	1.56	0	0	6
IPR010264	24.83	24.83	0	0	6
IPR007717	1.33	1.33	0	0	6
IPR015190	1.02	0	1.02	0	6
IPR009038	4.79	4.79	0	0	6
IPR003131	3.31	3.31	0	0	6
IPR005160	1.53	1.53	0	0	6
IPR003334	8	8	0	0	6
IPR006677	1.91	2.01	0	1.74	6
IPR003489	1.36	2.11	1.35	1	6
IPR019572	3.53	3.53	0	0	6
IPR015010	1.29	1.29	0	0	6
IPR010795	1.68	1.68	0	0	6
IPR000890	1.57	1.19	1.59	1	6
IPR000897	1.41	1.72	1.32	1	6
IPR007374	1.53	1.7	1.46	2.05	6
IPR003697	1.48	1.63	1.47	1	6
IPR002642	3.5	3.5	0	0	6
IPR013989	10.67	13.43	1	0	6
IPR003718	2.8	1.43	2.87	1.45	6
IPR013709	1.48	1.35	1.48	1.47	6
IPR008532	1.29	2.16	1.09	1.02	6
IPR010661	4.67	4.67	0	0	6
IPR013243	1.62	1.62	0	0	6
IPR005516	20.71	20.71	0	0	6
IPR006896	5.3	5.3	0	0	6
IPR000911	1.14	2.57	1	1	6
IPR010929	6.89	6.89	0	0	6
IPR012437	1.41	0	1.35	2	6
IPR001134	1	1	0	0	6
IPR007209	1.97	2.14	0	1.71	6
PF12143	7.43	8.5	1	0	6
IPR006969	5.25	5.22	5.29	0	6
TIGR03660	11.56	0	11.56	0	6
IPR009234	2.33	2.33	0	0	6
IPR009232	1.33	1.33	0	0	6
IPR002939	2.48	8.88	1.83	1.16	6
PF02311	4.76	1	4.79	0	6
IPR008629	2.62	1.33	2.94	0	6
IPR011629	2.37	2.32	2.37	2.67	6
IPR022087	4.17	5.11	1.33	0	6
PF04193	2.54	3.88	1.41	1.2	6
IPR013136	1.23	1.23	1	0	6
IPR005202	60.5	69	1	0	6
IPR020536	1.05	2	1.02	1.23	6
IPR008646	1.19	1.19	0	0	6
IPR017852	1.88	1.88	0	0	6
IPR012961	1.62	2.55	1.01	0	6
PF11926	19.71	19.71	0	0	6
PTHR22814	3.5	3.5	0	0	6
IPR007854	1.34	1.34	0	0	6
IPR013547	12.52	12.52	0	0	6
IPR015255	3.61	3.61	0	0	6
IPR001747	4.81	4.85	4	0	6
PTHR23083:SF16	1.03	1	1.03	0	6
IPR012062	1.24	1	1.25	0	6
IPR001580	3.02	3.05	0	1	6
IPR021810	1.1	1	1.1	1.11	6
IPR005467	1	0	1	0	6
IPR006343	2.29	1	2.29	0	6
IPR013270	2	2	0	0	6

IPR006714	2.05	0	2.05	0	6
IPR016072	2.16	2.16	0	0	6
IPR008543	8.4	8.4	0	0	6
IPR008541	5.28	0	5.28	0	6
IPR005194	1.35	1.06	1.38	0	6
IPR005199	2.92	4.36	1.09	0	6
IPR001365	1.98	5.11	1.32	1	6
IPR007901	1.36	1.13	1.4	1.23	5
IPR020580	2.08	2.43	2.04	1.78	5
IPR018144	2	2	0	0	5
IPR018145	2.16	0	2.16	0	5
IPR021893	2.87	2.87	0	0	5
IPR021896	4.11	4.11	0	0	5
IPR006692	2.65	2.65	0	0	5
IPR003466	2.09	2.74	1	0	5
PTHR12326	2.26	2.26	0	0	5
IPR017748	1.21	0	1.21	0	5
IPR007631	1.07	0	1.07	0	5
IPR007632	3.3	3.3	0	0	5
IPR007639	1.34	1.34	0	0	5
IPR019175	1.18	1.18	0	0	5
PF03693	1.56	1	1.6	1	5
PF10388	1.11	0	1.11	0	5
PTHR22990	1.25	1.5	1.2	1	5
IPR000741	1.88	4.15	1.08	0	5
IPR000740	1.16	1.69	1.1	1.25	5
IPR001602	1.28	1.19	1.3	1.22	5
PF12436	1.52	1.52	0	0	5
IPR001163	1.24	1.96	1.15	1	5
IPR013657	4.42	4.42	0	0	5
IPR004700	2.6	1	2.62	1	5
IPR004704	2.56	1	2.58	1	5
IPR016477	1.2	1.81	1.08	1	5
IPR021991	3.43	3.43	0	0	5
IPR002989	50	1.92	91.21	0	5
IPR005358	2.1	2	2.06	2.49	5
IPR002515	8.81	8.81	0	0	5
PF12013	11.78	11.78	0	0	5
IPR002710	1.56	1.62	1	0	5
IPR008598	3.67	3.67	0	0	5
IPR005147	1.04	1.27	1.02	1	5
IPR000712	6	6	0	0	5
PF05402	1.17	0	1.18	1.07	5
IPR015269	1.01	1	1.01	1.06	5
IPR003314	1.47	0	1.47	0	5
IPR000667	1.18	1	1.18	1	5
IPR007125	1.58	1.62	0	1	5
IPR001204	1.48	1.94	1.4	1.93	5
IPR013800	4.82	4.82	0	0	5
IPR013801	4.79	4.79	0	0	5
TIGR01643	1.36	1	1.5	0	5
IPR018708	1.06	0	1.06	1	5
IPR021652	1.53	0	1.56	1.22	5
IPR013117	1	0	1	0	5
PTHR11614	1.13	1.14	1.13	0	5
PTHR11615	1	1	1	1	5
IPR001286	1.56	1.33	2	0	5
IPR002164	4.56	4.56	0	0	5
IPR013029	1.06	1.47	1.02	0	5
IPR013025	1.15	2.56	1.02	1	5
IPR019302	1.06	1	1.07	1	5
IPR009454	1.88	1.88	0	0	5
IPR002208	1.18	2.26	1.08	1	5
IPR002202	1.29	1.83	1.09	1.07	5
PF11429	1	0	1	0	5
IPR000055	3.64	0	3.65	3.35	5
IPR013223	1.12	0	1.12	0	5
IPR011524	3.08	3.08	0	0	5
IPR010940	1.05	1.38	1.01	0	5

IPR022029	2.33	0	2.33	0	5
IPR004899	3.09	1	3.12	0	5
IPR006865	12.67	12.67	0	0	5
PF09684	1.35	1	1.35	0	5
IPR006573	7.85	8.4	1	0	5
PF04331	1.25	0	1.25	0	5
PF08488	10	10	0	0	5
IPR013601	11.29	20.64	1	0	5
IPR013609	3.09	0	3.09	0	5
IPR000164	5.01	5.01	0	0	5
PF11717	2.36	2.46	1.4	0	5
IPR006900	4.7	4.7	0	0	5
IPR009215	1.27	1.06	1.35	0	5
IPR007528	1.33	1.33	0	0	5
IPR005039	1.43	0	1.43	0	5
IPR002560	2.98	23	2.9	1.67	5
IPR011640	1.29	0	1.28	1.48	5
IPR020822	1.26	1.22	1.29	0	5
IPR008379	3.48	3.48	0	0	5
IPR005637	1.52	1.52	0	0	5
PF05756	2	2.43	1	0	5
IPR013809	4.9	4.9	0	0	5
IPR003106	15.58	20.44	1	1	5
PS50850	1.13	1.12	1.12	1.5	5
IPR008037	5.75	5.75	0	0	5
PTHR23172	1.27	1.27	0	0	5
IPR006640	1.19	2.09	1.02	1	5
IPR001870	2	2	0	0	5
IPR013685	1.02	0	1.02	0	5
IPR015020	1.46	0	1.46	0	5
IPR003806	1.5	1.4	1.43	2.37	5
PTHR23036	2.77	2.77	0	0	5
IPR021419	1.59	1.59	0	0	5
IPR007834	1.29	1.29	0	0	5
IPR018538	1.43	0	1.32	1.69	5
IPR002653	5.66	5.66	0	0	5
IPR015273	1.05	1.12	1.05	1.02	5
IPR003729	1.19	4.25	1.08	1.04	5
IPR013191	1.07	0	1.07	0	5
IPR013197	1.16	1.16	1	1	5
IPR011125	2.13	2	2.15	1.97	5
IPR010657	2.14	1	2.15	0	5
TIGR02913	5.62	1	5.93	0	5
PF11852	1.13	1.2	1.12	0	5
IPR014773	1.06	0	1.06	0	5
PTHR18359	1.05	1.05	1	0	5
IPR013011	1.35	0	1.35	0	5
IPR007380	1.02	0	1.02	1	5
IPR015967	1.02	1	1.02	0	5
IPR008172	1.27	1.59	1.25	1.11	5
IPR005524	1.59	1	1.57	1.84	5
IPR013938	1	1	0	0	5
IPR003035	10.42	11.27	1	0	5
IPR019832	1.54	2.76	1.39	1.23	5
IPR004352	1.45	1.27	1.49	1.33	5
PTHR10849	1.15	1	1.14	1.33	5
IPR011500	6.78	6.78	0	0	5
IPR007024	1.59	0	1.59	0	5
IPR018169	5.47	12.18	1.17	1	5
IPR005024	7.67	8.43	0	1.8	5
IPR013097	1.97	5.19	1.39	1	5
IPR013092	13.15	13.15	0	0	5
PF12130	3.65	3.65	0	0	5
IPR017801	14.67	0	14.67	0	5
IPR002073	3.62	3.62	0	0	5
IPR019515	1.83	1.86	1	0	5
IPR018931	1.04	0	1.04	0	5
IPR010430	1.14	0	1.14	1.12	5
IPR003378	6.34	6.34	0	0	5



IPR007273	3.79	3.79	0	0	5
IPR001266	1.39	1.63	0	1	5
IPR021074	1.01	0	1.01	0	5
IPR002762	2.2	1.62	2.23	2.11	5
IPR014811	4.46	4.46	0	0	5
IPR014812	3.53	3.57	0	1	5
PF11934	2.21	2.21	0	0	5
PF11931	1.15	1.15	0	0	5
PF02709	4.29	5.22	1	0	5
IPR007591	3.45	3.45	0	0	5
IPR010808	1.24	0	1.2	1.47	5
IPR013577	2.92	2.92	0	0	5
IPR013575	1.02	0	1.02	0	5
IPR004028	1.75	4	1	0	5
IPR005377	2.13	2.13	0	0	5
IPR004977	1.47	1.59	0	1	5
PF12074	1.27	1.27	0	0	5
IPR006855	1.63	2	1	0	5
IPR010497	2.34	2.48	2.28	1	5
IPR013190	1	0	1	0	5
IPR003723	1.03	0	1.03	1	5
IPR015224	1.41	1.41	0	0	5
IPR001757	1.75	2.12	1	0	5
IPR005122	2.15	2.24	2.16	1.79	5
IPR021807	1.15	1	1.15	0	5
IPR003852	1.11	0	1.11	1	5
IPR014898	1.3	1.3	0	0	5
IPR014891	1.67	1.67	0	0	5
IPR004192	1.31	1.31	0	0	5
IPR018877	1.29	0	1.29	0	5
IPR018878	1.17	0	1.17	0	5
IPR014914	1.77	0	1.77	0	5
IPR021537	4.44	4.44	0	0	5
IPR009628	1.63	1	1.64	0	5
IPR010621	2.05	1.6	2.1	1.2	5
PF08236	1	1	0	0	5
IPR001518	1.09	1.31	1.08	1	5
IPR021884	2.14	1	1.78	6	5
IPR004328	3.68	3.68	0	0	5
PTHR21089	1.08	1.38	1.06	0	5
IPR009470	1.11	1	1.11	0	5
IPR009471	5	5	0	0	5
IPR005798	2.64	12.24	1.07	1.2	5
IPR013201	14.13	14.13	0	0	5
IPR001303	2.5	3.32	2.5	1.03	5
IPR012561	2.36	2.36	0	0	5
IPR002028	1.07	1.66	1.04	1	5
IPR000539	7.3	7.3	0	0	5
IPR022040	1	1	0	0	5
IPR010511	1.1	0	1.1	0	5
IPR010513	1.52	1.52	0	0	5
IPR007992	1.35	1.35	0	0	5
IPR006599	3.91	3.91	0	0	5
IPR010703	3.61	3.66	1	0	5
PTHR23172:SF19	1.07	1.07	0	0	5
IPR000807	1.03	1.22	1.02	1.02	5
IPR014824	1.23	1.34	1.18	0	5
IPR021478	1.73	0	1.75	1	5
IPR001666	2.67	2.67	0	0	5
IPR001661	1.81	2.25	1.61	1	5
IPR004908	1.34	1.34	0	0	5
IPR009535	1.73	1.73	0	0	5
IPR009537	1.22	0	1.24	1.1	5
IPR011666	1.11	1.11	0	0	5
IPR007700	11	11	0	0	5
IPR019041	13	13	0	0	5
IPR005616	1.35	1.14	1.35	0	5
IPR011464	1.6	0	1.6	0	5
IPR002838	1.51	2.03	1.47	1.22	5

IPR002833	1.63	2.2	1.05	1	5
IPR013173	1.02	1	1.02	0	5
IPR018961	1.12	1.12	1.12	0	5
IPR003492	1.83	1.83	0	0	5
IPR020631	1.23	2.61	1.11	1	5
IPR008213	5.33	0	5.33	0	5
IPR015009	2.04	2.04	0	0	5
PTHR10799	1.14	1.1	1.17	0	5
IPR000883	2.72	5	2.49	3.06	5
IPR000885	6.82	6.82	0	0	5
IPR012923	1.13	1.13	0	0	5
PTHR19328:SF6	1.21	0	1.21	0	5
IPR007810	1.12	1.12	0	0	5
IPR007813	1.18	1	1.18	0	5
TIGR02098	1.44	0	1.44	0	5
PTHR22954	8.19	8.19	0	0	5
IPR000962	1.92	0	1.94	1.25	5
IPR003703	2.59	3.18	2.5	0	5
IPR004864	2.19	5.78	1.41	1	5
IPR010675	2.05	2.05	0	0	5
IPR010679	2.04	2	2.08	1.2	5
IPR022412	1.22	1.09	1.2	1.63	5
IPR021852	2.89	2.89	0	0	5
IPR011703	1.83	1.08	1.86	1.72	5
IPR002159	8.79	8.79	0	0	5
IPR007477	7.29	7.29	0	0	5
IPR007474	1.16	2.19	1.02	0	5
IPR009448	1.52	1.52	0	0	5
PF11412	1.24	0	1.24	0	5
IPR013230	1.39	1	1.4	0	5
IPR013580	1.4	1	1.41	0	5
IPR015321	9.5	9.5	0	0	5
IPR011513	1.15	1.15	0	0	5
IPR011515	1.25	1.25	0	0	5
IPR013915	1.22	1.22	0	0	5
IPR013799	4.92	4.92	0	0	5
IPR001129	1.72	3.03	1.4	0	5
IPR022039	1.03	1.03	0	0	5
IPR010547	2.06	2.89	1.12	0	5
IPR007949	1.2	1.2	0	0	5
IPR007212	1.09	0	1.06	1.12	5
IPR012896	3.24	3.24	0	0	5
IPR001378	1.23	1.38	1.16	1.62	5
IPR018660	1.16	0	1.16	0	5
IPR005653	1.74	1	1.74	0	5
IPR002054	1.36	2.34	1.01	1	5
IPR009976	1.89	1.91	1	0	5
IPR007533	1.04	1.13	1.01	0	5
PTHR13572	1.41	1.45	1	0	5
IPR011417	2.17	2.17	0	0	5
IPR013819	6.29	9.16	1.81	0	5
IPR003110	9.56	9.56	0	0	5
IPR003113	2.12	2.12	0	0	5
IPR013341	3.42	1.95	3.49	4.89	5
IPR013699	1.14	1.14	0	0	5
IPR012560	1.67	1.67	0	0	5
IPR001240	1.08	1.56	1.05	1.05	5
IPR011118	2.19	6	1.43	0	5
PF01930	1.59	1	1.47	2.21	5
IPR019555	3.83	3.83	0	0	5
PTHR14596	3.24	3.3	0	1	5
IPR012954	1.18	1.18	0	0	5
TIGR01764	1.54	0	1.54	1.75	5
IPR006199	1.18	0	1.18	1	5
IPR013557	1.37	1	1.38	0	5
IPR004954	2.31	1	2.39	0	5
IPR018502	24.22	24.88	2	0	5
PF10344	1.39	1.39	0	0	5
IPR015240	1.01	1	1.01	0	5

IPR006768	1.91	1.93	1	0	5
IPR003198	1.41	1.7	1.38	1.31	5
IPR004854	2.12	2.12	0	0	5
IPR005100	1.43	1.52	0	1	5
IPR011114	1.02	0	1.02	1	5
PTHR23155:SF21	6	8.33	1.33	0	5
IPR001577	6.92	7.97	1	0	5
IPR021131	1.3	3.54	1	2.02	5
IPR021134	3.26	3.93	1.4	0	5
IPR021869	2.4	2.89	1	1	5
IPR021868	1	0	1	0	5
IPR008858	1.47	1.91	1.21	0	5
IPR001857	1.05	1.39	1.02	0	5
IPR006114	1.4	2.01	1.32	1	5
IPR008166	4.95	7.77	1.29	0	5
IPR002629	1.47	2.44	1.41	1.18	5
IPR018584	2.76	0	2.83	1.14	5
IPR003440	4.38	4.38	0	0	5
IPR010292	1.03	1	1.03	0	5
IPR002773	1.24	1.39	1.08	1.2	5
IPR000932	5.48	5.11	5.57	0	5
IPR007052	1.06	1.09	0	1	5
IPR008554	1.03	1.1	1.02	1	5
IPR005184	1.38	4	1.34	3	5
IPR007930	7.33	7.33	0	0	5
PF10881	1.22	0	1.22	0	5
PF11130	1.47	0	1.47	0	5
IPR020598	1.11	1.71	1.06	1	5
PTHR11412	1.15	0	1.15	0	5
IPR012968	1.7	1.7	0	0	5
IPR006948	6.14	6.14	0	0	5
IPR012135	1.4	2.07	1.35	1.04	5
IPR012131	1.12	1.37	1.11	1	5
IPR000519	5.06	5.06	0	0	5
IPR011602	1.58	1.9	1	1	5
IPR013724	2.56	2.56	0	0	5
IPR021006	1.32	1.32	0	0	5
IPR010399	19.62	19.62	0	0	5
IPR007963	1.2	0	1.21	1	5
IPR007391	1.75	0	1.75	0	5
IPR003386	2.42	3.13	1.03	0	5
IPR007269	1.58	1.79	1.54	1.5	5
IPR000127	5.09	5.09	0	0	5
IPR021219	1.08	0	1.05	1.25	5
IPR000825	1.99	2.5	1.99	1.91	5
TIGR01731	2.62	0	2.62	0	5
IPR010814	1.1	0	1.1	0	5
IPR007877	8.54	15	1	0	5
IPR010839	1.5	1.88	1.42	0	5
IPR015376	1.08	1.48	1.04	1	5
IPR013549	1.11	1.07	1.11	0	5
IPR002698	1.11	1.74	1.06	1.03	5
IPR001405	1.48	1	1.49	1.14	5
IPR010316	1.08	0	1.08	0	5
IPR000418	12.94	13.3	1	0	5
IPR003497	1.5	0	1.5	0	5
IPR014887	3	3	0	0	5
IPR014883	1.28	1.08	1.33	0	5
IPR006169	1.09	1.92	1.02	0	5
IPR002618	2.18	3.11	1.05	0	5
IPR012990	4.86	4.86	0	0	5
IPR021661	1.05	1.05	0	0	5
IPR000944	2.46	1	2.48	1.11	5
IPR002898	3.54	2.33	3.59	1.36	5
PF08754	1.19	0	1.19	0	5
IPR001523	7.42	8.83	1.25	0	5
IPR012982	1.83	1.83	0	0	5
IPR012989	1.99	1.99	0	0	5
IPR019480	1.81	0	1.83	1.63	5

IPR019483	1.32	1.32	0	0	5
IPR021978	6	6	0	0	5
IPR006202	19.41	28.13	1	0	5
IPR012463	5.86	5.86	0	0	5
IPR001106	1.74	4.07	1.53	1	5
PF12451	1.15	1.15	0	0	5
IPR022052	3.03	3.03	0	0	5
IPR002481	2.43	1	2.47	1	5
IPR010560	2.5	2.5	0	0	5
IPR007187	2.72	2.72	0	0	5
IPR007185	3.35	3.41	0	1	5
IPR013678	1.04	0	1.04	0	5
PTHR23228	1.45	1.48	1	0	5
IPR018449	1.4	0	1.41	1	5
IPR002720	2.39	2.39	0	0	5
IPR006914	2.33	0	2.33	0	5
IPR020336	3.36	0	3.36	0	5
IPR005571	1.5	1.5	0	0	5
IPR007886	1.61	1.78	1.59	1	5
IPR006211	4.34	4.34	0	0	5
IPR002577	3.36	1.5	3.43	2.37	5
IPR019050	1.98	1.98	0	0	5
IPR015195	1.31	1.31	0	0	5
IPR011478	5.14	0	5.14	0	5
IPR004218	1.07	0	1.07	1	5
IPR005161	2.12	2.12	0	0	5
IPR018974	1.04	1.33	1.02	1	5
IPR020602	1.74	1.55	1.77	1.29	5
IPR019570	12.92	12.92	0	0	5
IPR003811	1.19	1	1.19	0	5
IPR014851	2.53	2.56	1	0	5
PF11976	1.94	1.94	0	0	5
PTHR22847	1.29	1.88	1	0	5
IPR022153	1.01	0	1.01	0	5
IPR007803	1.43	1.64	1.4	0	5
IPR013536	2.02	2.02	0	0	5
IPR013535	1.41	1.42	1	0	5
IPR019293	1.75	0	1.11	1.88	5
IPR020189	1.48	1.77	0	1	5
PF07253	7	7	0	0	5
IPR008538	12.02	0	12.02	0	5
IPR002326	1.15	1.49	1.07	0	5
IPR021846	1.13	1.13	0	0	5
IPR018113	4.73	0	4.73	0	5
IPR002146	1.38	2.7	1.37	1	5
IPR002142	2.15	3.11	2.18	1.24	5
IPR014767	2.59	2.59	0	0	5
PF00504	11.98	37	5.54	0	5
TIGR01045	6.33	0	6.33	0	5
IPR000030	23.38	0	23.38	0	5
IPR018838	1.47	1.47	0	0	5
IPR015358	2.15	0	2.15	0	5
IPR010457	5.3	5.3	0	0	5
IPR003132	6.07	0	6.07	0	5
IPR016034	4.24	4.24	0	0	5
IPR013719	1.61	1.61	0	0	5
IPR022365	3.65	3.65	0	0	5
PF08703	1.94	1.94	0	0	5
SM00837	32.33	32.33	0	0	5
IPR013623	9.14	9.14	0	0	5
PF12142	4.82	8	1	0	5
IPR001342	1.33	1.65	1.33	1.02	5
IPR018656	1.25	0	1.25	0	5
IPR018389	3.66	1.67	3.7	1.33	5
PTHR10199	1.57	1	1.8	1	5
IPR002060	1.87	2.66	1.73	1.38	5
IPR019247	1.01	0	1.01	0	5
IPR005016	2.34	2.34	0	0	5
IPR009578	2.67	1	3	0	5

IPR002541	2.37	4.44	2.34	2.17	5
IPR007743	7.92	10.22	1	0	5
IPR000771	1.56	1.98	1.54	1	5
IPR015162	1.07	1	1.07	0	5
IPR022081	1.15	1.5	1.11	0	5
IPR005651	1.09	1.33	1.05	1	5
IPR018027	1.1	1.16	1.04	1.74	5
IPR018020	1.19	1.23	1.19	0	5
PTHR11945	2.5	2.5	0	0	5
IPR011422	1.26	1.26	0	0	5
IPR013860	3.39	3.39	0	0	5
IPR013866	1.22	1.24	1	0	5
IPR013131	2.11	1.38	2.16	0	5
IPR004244	7.67	9	1	0	5
IPR006622	2.09	2.5	1.74	1.33	5
IPR007286	2.12	2.12	0	0	5
IPR002777	3.18	4.44	1	1.04	5
IPR018499	18.6	19.45	1	0	5
IPR003827	1.26	1.3	0	1.19	5
PF07019	1.19	1.19	0	1	5
IPR020840	40.5	0	43.13	1	5
IPR001425	1.89	1.86	1.38	3.17	5
IPR005118	1.05	2	1.04	0	5
IPR011106	2.61	2.61	0	0	5
PTHR23225	2.71	2.71	0	0	5
PTHR23083:SF14	1.13	1.5	1.1	0	5
PTHR22939:SF10	1.32	1.67	1.08	0	5
IPR008251	2	2	0	0	5
IPR008257	1.51	2.59	1.36	1.06	5
IPR015049	3.05	3.05	0	0	5
IPR021817	1.02	1	1.02	0	5
PF09237	1.32	1.32	0	0	5
IPR013272	1.84	1.84	0	0	5
IPR010895	2.34	5.35	1.59	1	5
IPR018848	4.5	4.5	0	0	5
IPR015366	3.34	4.35	2.59	3.67	5
IPR002638	1.2	1.14	1.17	1.67	5
TIGR03505	1.16	0	1.16	0	5
IPR010911	1.3	1.33	1	0	5
IPR021520	1.12	1.17	1	0	5
IPR005190	2.08	1	2.09	0	5
PF12303	1.36	1	1.36	0	5
IPR010582	1.75	3.11	1.53	1	4
IPR020582	1.05	2.5	1.04	0	4
IPR021726	1.11	1.11	0	0	4
IPR006693	6.59	7.15	1.29	0	4
IPR006528	1.4	1	1.4	0	4
IPR004788	1.12	1.57	1.07	1	4
IPR009408	4.33	4.33	0	0	4
IPR011022	8.46	8.46	0	0	4
IPR010775	1.05	1.35	1.01	0	4
IPR003692	1.59	1.8	1.55	1.36	4
IPR009967	1.37	1	1.38	0	4
IPR005548	1.01	0	1.01	0	4
IPR002010	1.41	1	1.42	0	4
IPR002019	1.22	1.12	1.23	1	4
IPR000506	1.09	1.45	1.06	1.21	4
PTHR18895	1.18	1.33	1.11	1	4
IPR005061	2.44	2.44	0	0	4
IPR011615	3.26	3.26	0	0	4
IPR006794	4.17	4.17	0	0	4
IPR006797	2.56	2.56	0	0	4
IPR000299	1.9	2.29	1	0	4
IPR015868	1.36	2	1.3	0	4
IPR015864	1.04	1.6	1.03	0	4
IPR021034	2.17	0	2.17	0	4
PF12439	1.09	0	1.09	1.09	4
IPR008322	1.18	1.45	1.1	1	4
IPR022078	2.83	4.5	1.17	0	4

IPR010508	1.67	1.67	0	0	4
IPR018913	1.86	0	1.86	0	4
PTHR21385	1.29	1.29	0	0	4
IPR006616	17.5	17.5	0	0	4
IPR006619	4.73	9.45	1.14	0	4
PF08169	1.39	1.39	0	0	4
IPR007255	1.32	1.32	0	0	4
IPR013650	1.43	2.69	1.26	1.56	4
IPR008428	4.31	4.31	0	0	4
IPR008282	1.04	2.45	1.02	0	4
PF10131	1.14	0	1.14	0	4
PF08190	3.18	3.18	0	0	4
IPR015412	1.7	1.71	1	0	4
IPR021998	8.89	8.89	0	0	4
IPR021993	1	0	1	0	4
PTHR10742	1.08	1.3	1	1	4
IPR007861	1	1	1	0	4
IPR000581	1.95	2.07	2	1.05	4
IPR010820	3.7	3.7	0	0	4
PF12010	2.25	1	2.29	0	4
IPR011697	1.51	2.93	1.39	1.2	4
IPR002715	2.61	3.51	0	1	4
IPR019039	1.12	1	1.07	2	4
IPR015205	1.83	1.83	0	0	4
IPR010327	2.67	0	2.72	2	4
IPR010325	6.5	8.71	1.33	0	4
IPR002821	1.84	2.12	1.77	1.91	4
IPR005148	1.07	1.3	1.06	1	4
IPR005149	3.35	0	3.33	3.61	4
IPR008040	1.86	2.09	1.77	2.13	4
IPR018999	1.14	1.14	0	0	4
IPR009316	1.23	1.23	0	0	4
PTHR21307	1.75	1.75	0	0	4
IPR008209	1.33	2.87	1.06	1	4
IPR019595	1.1	1.23	1.07	0	4
IPR003870	9.38	0	9.38	0	4
IPR006314	1.51	1.93	1.49	1	4
IPR012914	2.24	0	2.24	0	4
IPR022138	1.11	0	1.11	1.5	4
PF09031	1.13	1.13	0	0	4
IPR003508	4.4	4.4	0	0	4
IPR007354	1.06	0	1.02	1.2	4
IPR010433	4.4	4.4	0	0	4
IPR014973	1.13	0	1.13	0	4
IPR009093	1	0	1	0	4
IPR015898	4.53	4.53	0	0	4
IPR015894	4.31	4.31	0	0	4
PTHR19955	1.27	1.27	0	0	4
IPR013727	2.25	1	2.26	0	4
IPR008512	5.71	5.71	0	0	4
IPR013721	1.75	1.75	0	0	4
IPR007941	1.75	1.9	1	1	4
IPR001533	1.25	1.56	1.21	1.05	4
IPR012993	1.04	1.04	0	0	4
PF09607	1.45	1.47	1	0	4
PF06807	2.03	2.03	0	0	4
IPR019305	1.01	0	1.01	0	4
IPR019301	1.14	1	1.14	0	4
IPR010664	1.08	1	1.08	0	4
IPR013228	7.76	0	7.76	0	4
IPR013595	1.91	2.53	1.83	0	4
IPR019492	1.13	0	1.13	0	4
IPR021943	1.12	0	1.12	1	4
IPR009292	1.09	1.09	1	0	4
IPR006218	2.23	2.32	2.25	1	4
IPR004304	2.06	2.1	2.12	1.21	4
PTHR23320	1	1	1	0	4
TIGR02604	4	0	4	0	4
IPR007010	2.32	2.32	0	0	4

IPR005343	1.38	1.38	0	0	4
IPR005349	2.03	2.24	1	0	4
IPR004898	1.88	2.56	1.61	0	4
IPR011483	1.54	1.86	1.41	0	4
IPR010578	2	2	0	0	4
PTHR11697	3.33	3.33	0	0	4
IPR022226	1.2	1.2	0	0	4
IPR006577	2.34	2.34	0	0	4
PF04330	1.33	0	1.33	0	4
IPR013608	3.2	3.2	0	0	4
IPR019385	1.21	1.21	1	0	4
PTHR10992	1.51	1.97	1.45	1.2	4
IPR005484	1.13	2.37	1.01	1	4
IPR006907	21	21	0	0	4
IPR010721	1.35	1.86	1.13	1	4
PTHR23416:SF2	1.18	1.43	1.17	1	4
PF09162	2.1	2.1	0	0	4
IPR003603	2.05	2.05	0	0	4
IPR019888	5.3	2.33	5.49	3.61	4
IPR005038	10.67	0	10.67	0	4
IPR013611	4.62	2	4.74	2.45	4
IPR011649	2.11	0	2.12	2	4
IPR007722	1.25	1.25	0	0	4
IPR021046	1	0	1	0	4
IPR019065	1.09	0	1.1	1	4
IPR015187	1.42	1.42	0	0	4
IPR015188	1.67	1.67	0	0	4
IPR002637	1.09	1.36	1.07	1	4
IPR017795	2.74	3.22	1	0	4
IPR018940	1.81	1.81	0	0	4
IPR005178	2.87	2.87	0	0	4
IPR013689	1.04	1	1.04	0	4
IPR013686	2.06	0	2.06	0	4
PF12254	1.09	1.09	0	0	4
IPR002751	1.33	0	1.26	1.81	4
IPR006989	1.83	1.83	0	0	4
IPR006982	1.12	1.43	1.09	1	4
IPR003808	1.27	2.73	1.23	0	4
IPR012943	2.05	2.05	0	0	4
PF11900	8.14	8.14	0	0	4
IPR021418	1.24	1.24	0	0	4
IPR022141	2.67	2.67	0	0	4
PTHR22870	1.26	1.38	1.19	0	4
IPR015280	1.14	1.14	0	0	4
IPR001931	1.46	1.46	0	0	4
IPR003680	2.87	5.07	2.81	1.17	4
IPR007302	1.56	1	1.56	1	4
IPR013528	1.25	1.68	1.06	1	4
IPR018535	2.7	4.18	1.23	0	4
IPR002655	2.7	3.9	1.07	0	4
IPR002657	1.96	3.05	1.85	1.29	4
IPR002659	11.4	11.63	1	0	4
IPR021629	1.36	1.36	0	0	4
IPR015274	1.88	1.88	0	0	4
PF10577	2.33	2.57	1.5	0	4
IPR009695	1.45	3.86	1.3	0	4
IPR009698	1.12	1	1.12	0	4
IPR010656	3.43	1.5	3.53	1.38	4
IPR010596	8.71	8.71	0	0	4
IPR021122	1.15	2	1.06	0	4
IPR011722	1.14	1.51	1.04	0	4
IPR002133	3.51	6.12	3.24	3	4
IPR014772	1.25	1.25	0	0	4
IPR006127	1.77	0	1.78	1.32	4
IPR007655	1.69	0	1.69	0	4
IPR018821	1.43	0	1.43	1	4
IPR018823	2.32	2.32	0	0	4
IPR005522	3.22	3.25	1	0	4
IPR010445	1.11	1	1.11	0	4

IPR014929	1.2	1.2	0	0	4
IPR014927	1	0	1	1	4
IPR014920	5.33	5.33	0	0	4
PTHR11271	1.06	1	1.07	1	4
PTHR22938	1.87	1.87	0	0	4
IPR010935	1.21	1.31	1	0	4
IPR000900	42.46	42.46	0	0	4
IPR021094	7.17	7.17	0	0	4
IPR012796	1	1	1	0	4
IPR022011	2	2	0	0	4
IPR021883	1.22	2	1	0	4
IPR008854	1.26	1.9	1.09	0	4
IPR010011	6.67	6.67	0	0	4
IPR004149	1	0	1	1	4
IPR012327	1.76	1	1.77	1.5	4
IPR020953	2.31	1	2.31	0	4
IPR001352	1.19	1.43	1.17	1.09	4
IPR021931	7.75	7.75	0	0	4
PTHR10183	1.67	1.67	0	0	4
IPR000566	11.68	11.68	0	0	4
PF06425	1.15	1.15	0	0	4
IPR001147	1.31	1.49	0	1	4
IPR015155	1.19	1.2	0	1	4
IPR022094	1.34	0	1.34	0	4
IPR022099	1.88	1.88	0	0	4
IPR010526	3.48	3.48	0	0	4
IPR011439	19.26	0	19.26	0	4
IPR004256	1.48	0	1.33	1.82	4
IPR018934	1.38	1.42	1.03	2.14	4
PF11870	1.12	0	1.12	0	4
IPR022252	2.69	2.69	0	0	4
IPR012500	1.89	0	1.89	0	4
IPR012501	1.19	1.19	0	0	4
IPR019533	1.45	2.6	1.41	0	4
IPR019537	1.25	1.25	0	0	4
IPR002187	2.03	1.5	1.99	2.8	4
IPR012978	1.22	1.22	0	0	4
IPR012972	2.1	2.1	0	0	4
IPR012975	2.79	2.79	0	0	4
PF11933	2.57	2.57	0	0	4
IPR006460	14.83	14.83	0	0	4
IPR007599	2.44	2.46	1	0	4
IPR007590	2.16	2.16	0	0	4
IPR010802	3.42	0	3.42	0	4
IPR004687	2.27	2.27	0	0	4
PF12072	1.02	1	1.02	0	4
IPR006852	5	11.14	1	1.5	4
IPR019015	1.16	1.16	0	0	4
IPR019018	2.92	3	1	0	4
IPR015220	1.17	0	1.19	1	4
IPR015223	1.12	1.36	1.02	1	4
IPR005124	1.69	1.77	1	1	4
IPR005129	1.3	1.69	1.29	1	4
IPR000648	6.05	6.05	0	0	4
IPR007148	2.25	2.25	0	0	4
IPR008881	1.04	2.56	1.02	0	4
IPR008884	1.22	1	1.24	1	4
IPR014893	1.28	1.28	0	0	4
IPR018873	1.57	0	1.57	0	4
IPR009580	1.21	1.21	0	1	4
IPR019479	1.74	3.95	1.44	1.14	4
IPR010419	1.56	0	1.5	2.21	4
IPR003954	1.45	1.45	0	0	4
TIGR02486	9.17	0	9.17	0	4
IPR005822	1.17	2.69	1.02	1	4
IPR017916	1.16	1.16	0	0	4
IPR000228	1.4	1.9	1.07	1	4
IPR021536	1.5	1.5	0	0	4
IPR004834	2.8	3.07	1.2	0	4



PF12333	1.1	1.1	0	0	4
IPR014038	1.7	2.15	0	1	4
IPR014039	1.06	1.81	1.02	0	4
IPR010599	2.8	2.8	0	0	4
IPR001515	1.33	1.52	0	1	4
PTHR18901	1.41	1.65	1	1	4
PTHR11102:SF11	1.07	1.33	1	0	4
IPR019367	1.11	1.11	0	0	4
IPR019369	1.48	1.49	1	0	4
IPR000072	3.8	3.8	0	0	4
IPR012562	2.83	3.06	1	0	4
IPR021963	2.38	2.38	0	0	4
IPR021966	1.12	1.12	0	0	4
PTHR10668	1.04	1	1.06	1	4
IPR005559	4.88	4.88	0	0	4
IPR002026	1.22	1.18	1.23	1	4
IPR007541	1.9	2.14	1.2	0	4
IPR007545	1.02	1.2	1	1	4
IPR007205	1.14	1.14	0	0	4
PF07584	1.12	0	1.11	1.29	4
IPR004326	13.64	16.44	1	0	4
PTHR23303	1.16	1.25	1	1	4
IPR003203	1.08	1	1.08	1	4
IPR015871	1.26	1.26	0	0	4
IPR015872	1.3	1.3	0	0	4
IPR021029	1	0	1	0	4
IPR012474	19.17	19.17	0	0	4
IPR015127	1.2	1.2	0	0	4
PTHR11908	1.14	1.33	1	0	4
IPR007781	1.47	1.46	1.5	0	4
IPR022209	1.11	1.11	0	0	4
IPR007243	1.46	1.46	0	0	4
IPR007248	6.11	6.26	1	0	4
IPR013663	1.18	0	1.18	0	4
IPR021277	1.04	0	1.04	0	4
IPR012532	2	2	0	0	4
PF12188	3	3	0	0	4
IPR002737	1.17	1.26	1.16	1.02	4
IPR002735	1.91	2.31	0	1.2	4
IPR017732	1.91	0	1.91	0	4
IPR018612	1.15	1.15	0	0	4
IPR015391	1.41	1	1.41	0	4
IPR015399	1.68	1.68	0	0	4
PTHR11539	1.38	1.38	0	0	4
IPR007899	1.14	1	1.15	1	4
IPR003590	3.78	3.78	0	0	4
PF06013	3.65	1	3.7	0	4
PTHR23125:SF33	1.22	1.45	1	0	4
IPR011665	1.25	1.25	0	0	4
IPR015370	10.33	10.33	0	0	4
IPR007705	3.83	3.83	0	0	4
IPR019049	1.34	1.34	0	0	4
IPR015212	1.59	1.59	0	0	4
IPR011467	2.63	0	2.63	0	4
IPR013823	1.11	1.57	1.07	0	4
IPR002836	1.1	1.15	0	1.02	4
IPR004201	2.2	2.47	1.07	2.13	4
IPR003577	7.56	7.56	0	0	4
IPR006660	2.12	1.5	2.12	1	4
IPR007130	2.61	2.99	1.26	0	4
IPR020630	1.23	2.64	1.11	1	4
IPR020636	1.14	1.22	1	0	4
IPR000671	1.73	0	1.7	1.9	4
PTHR16056	2.46	3.47	1.09	0	4
IPR021141	3.86	5.73	1.3	0	4
IPR019589	1.12	1.12	0	0	4
PTHR19328:SF2	1	0	1	0	4
IPR006148	1.51	1.61	1.49	0	4
PF09273	2.56	2.56	0	0	4

IPR003675	3.05	2.09	3.19	2.73	4
IPR007815	1.29	1	1.34	1	4
IPR007812	1.13	1	1.13	0	4
IPR015340	2.68	2.68	0	0	4
IPR001003	16.93	16.93	0	0	4
IPR002676	1.02	1.11	1.02	0	4
IPR002585	1.59	1	1.6	1.58	4
IPR006806	1.11	1.11	0	0	4
IPR010425	1.38	0	1.38	0	4
IPR014940	1.82	5.08	1.12	1	4
IPR013990	1.76	6.71	1.29	1	4
IPR018717	1.02	1	1.02	0	4
IPR000967	3.72	3.72	0	0	4
IPR013939	1.07	1.07	0	0	4
IPR003702	1.46	1.12	1.52	1.2	4
IPR016033	1	0	0	1	4
IPR013710	1.01	0	1.01	0	4
IPR004282	1.83	3.4	1.23	0	4
IPR004866	1.12	3	1.09	0	4
IPR002421	1.24	1.57	1.24	0	4
PTHR10887:SF27	3.64	3.64	0	0	4
IPR001543	2.72	1.5	2.73	0	4
PTHR10499:SF114	1.1	1.14	1.08	0	4
IPR015088	1.1	1.11	1	0	4
IPR002157	1.52	1.52	0	0	4
IPR002154	7	7	0	0	4
IPR004127	2.52	3.43	1	1.04	4
PTHR22767	1.12	1.12	0	0	4
IPR013236	2.32	0	2.32	0	4
IPR021829	1.03	1.07	1	0	4
IPR013583	5.19	5.19	0	0	4
IPR013584	3.97	4.22	2	0	4
IPR019599	2.25	0	2.25	0	4
IPR021825	9.33	9.33	0	0	4
IPR015324	1.07	1.1	1.04	1	4
IPR009286	1.28	1.28	0	0	4
PTHR10527:SF3	1	1	0	0	4
IPR004370	1.81	1.4	1.83	1.33	4
IPR003788	1.17	1.79	1.04	0	4
IPR003780	1.09	1.11	1.07	2	4
IPR003787	2.27	1	2.21	3	4
IPR000783	1.32	1.52	0	1	4
IPR009675	7.65	7.65	0	0	4
IPR022033	1.28	1.28	0	0	4
IPR022030	1.22	1.22	0	0	4
IPR011494	1.22	1.22	0	0	4
IPR012859	5.89	0	0	5.89	4
IPR020547	1.06	1.47	1.04	0	4
IPR021766	1.01	0	1.01	0	4
IPR006568	1.57	1.57	0	0	4
IPR006563	16.43	16.43	0	0	4
IPR006565	2.62	2.62	0	0	4
PTHR15859	1.42	1.42	0	0	4
IPR018465	1.09	1.09	0	0	4
IPR018467	15.57	15.57	0	0	4
IPR018461	2.55	0	2.58	1.83	4
PF11767	1	1	0	0	4
PF11764	1.1	1.1	0	0	4
PF12157	1.35	1.35	0	0	4
PF04801	1.27	1.27	0	0	4
IPR020972	1.4	0	1.4	0	4
IPR001372	4	4	0	0	4
PTHR10615	1	1	0	0	4
IPR009612	1.84	0	1.84	0	4
IPR011650	1.16	1.08	1.18	1	4
IPR020839	1.63	1.63	0	0	4
IPR006747	1.66	7.25	1.1	0	4
IPR013818	19.72	20.97	1	0	4
IPR018955	2.68	2.68	0	0	4

IPR018954	2.61	3	1.33	1	4
IPR018959	1.95	1.29	2.07	0	4
TIGR02777	1.08	0	1.09	1	4
IPR003351	2.33	2.33	0	0	4
IPR015392	1.2	1	1.2	0	4
IPR013697	1.21	1.21	0	0	4
IPR000119	2.85	1.5	2.86	2	4
IPR015030	3.4	3.4	0	0	4
IPR015033	1.67	1.67	0	0	4
IPR015032	1.44	0	1.45	1.25	4
IPR002748	1.01	0	1.01	1	4
IPR003830	1.24	1.21	1.32	1	4
IPR012952	1.17	1.17	1	0	4
IPR013513	4.39	4.39	0	0	4
IPR022170	1.54	2.11	1.04	1	4
IPR022175	2.08	2.08	0	0	4
IPR007319	1.13	1.13	0	0	4
IPR003676	76.14	76.14	0	0	4
IPR013556	1.14	1	1.14	0	4
PTHR12277	1.29	1.79	1.12	0	4
PF09718	1.88	0	1.88	0	4
IPR007553	1.42	2	1.43	1.27	4
IPR021619	3	3	0	0	4
IPR005849	1.16	1.29	1.14	1	4
IPR010363	1	1	0	0	4
IPR006767	1.93	1.93	0	0	4
IPR013187	30.43	30.43	0	0	4
IPR013185	1.2	2.2	1.19	1	4
IPR001772	2.48	2.48	0	0	4
PF10560	1.12	1.12	0	0	4
IPR004855	1.52	1.52	0	0	4
IPR004903	7.33	0	7.33	0	4
IPR014543	1.18	0	1.18	0	4
IPR010643	1.16	1.16	0	0	4
IPR007168	1.58	0	1.6	1.17	4
IPR018287	1.24	1.24	0	0	4
IPR007400	1.25	1.92	1.2	0	4
IPR004463	1.08	1.88	1.07	0	4
IPR019189	1.19	1.19	0	0	4
IPR008162	1.31	2.27	1.19	1.07	4
IPR004664	1.6	1	1.61	1.33	4
IPR015375	1.09	1.49	1.03	1	4
IPR002624	1.79	3.12	1.47	0	4
IPR014939	1.76	1.76	0	0	4
IPR014935	5.33	5.33	0	0	4
PF02002	1.44	1.56	1.25	1.33	4
IPR010905	2.29	3.11	2.2	1.25	4
IPR007051	2.47	2.47	0	0	4
IPR013768	6.38	6.38	0	0	4
IPR011263	1.14	2.49	1.02	1	4
PF12316	6.6	6.6	0	0	4
PTHR14025	1.12	1.33	1	0	4
IPR021718	1.28	1.28	0	0	4
IPR008823	1.03	1	1.03	1	4
IPR008762	1.38	0	1.38	0	4
IPR006538	1.24	1	1.24	0	4
IPR003474	2.16	1	2.17	2	4
PF06268	4.72	5.53	1	0	4
IPR006941	3.92	3.92	0	0	4
IPR006944	1.63	1	1.64	1	4
IPR020945	1.99	0	2.01	1.67	4
PF09402	1.52	1.52	0	0	4
IPR001328	1.08	2.02	1.03	0	4
IPR000517	1.2	2.8	1.02	1	4
PF02379	2.16	0	2.16	0	4
IPR013725	1.15	1.16	0	1	4
PF12399	3.52	2	3.57	2.2	4
IPR022062	1.31	1	1.32	0	4
IPR003142	1.05	1.29	1.03	1.12	4

PF11860	1.03	0	1.03	0	4
IPR007396	1.16	1.6	1.12	0	4
IPR003380	5.12	5.12	0	0	4
IPR003869	1.43	1	1.44	1.11	4
PTHR19328:SF13	1.38	1.4	1.36	0	4
IPR013649	6.14	6.14	0	0	4
IPR013646	1.08	1	0	1.13	4
IPR002719	1.59	1.59	0	0	4
IPR019529	1.06	1.06	0	0	4
IPR019528	1.18	1.18	0	0	4
IPR002716	4.95	1	4.73	7.39	4
TIGR01730	2.17	1	2.17	0	4
IPR018634	1.43	1	1.44	0	4
IPR021987	2.53	2.53	0	0	4
PF04524	3.38	0	3.38	0	4
IPR003647	1	1	1	0	4
IPR000593	1.91	1.91	0	0	4
IPR001640	1.22	1	1.22	0	4
IPR013564	1.02	0	1.02	1	4
IPR013548	3.69	3.69	0	0	4
IPR005341	1.5	1.5	0	0	4
IPR005344	1.28	1.28	0	0	4
PF12008	1.12	0	1.11	1.33	4
IPR006867	20.5	20.5	0	0	4
IPR019020	1.35	1.43	1.29	1.43	4
IPR010298	1.03	1.29	1.02	0	4
IPR013159	1.12	1	1.12	0	4
IPR013150	2.39	2.43	0	2.32	4
IPR005130	1.44	1.5	1.44	1	4
IPR007131	1.03	1	2	0	4
IPR012904	1.1	1.22	1.03	1	4
IPR013194	1.88	1.88	0	0	4
PF11942	1.04	1.04	0	0	4
IPR022105	1.76	1.76	0	0	4
IPR007699	1.73	1.73	0	0	4
IPR001026	2.43	2.43	0	0	4
IPR019400	1.67	1.68	1	0	4
IPR006730	1.84	1.84	0	0	4
IPR016053	1.37	1.65	1.26	0	4
IPR013737	2.04	2.2	2.18	1	4
IPR013739	1.44	1	1.44	0	4
IPR011259	3.03	3.17	1	1	4
IPR020070	1.05	1.6	1.02	0	4
IPR018123	4.35	4.35	0	0	4
IPR010056	1.87	0	1.87	0	4
PF02244	9.66	9.66	0	0	4
IPR008138	1.5	1.5	0	0	4
IPR013765	1.2	1.67	1.13	0	4
IPR018351	1.62	1.62	0	0	4
IPR008676	2.26	2.26	0	0	4
IPR005180	1.41	1.33	1.44	1.12	4
IPR015405	1.15	1.35	1.03	0	4
IPR006043	3.59	4.11	3.6	1.58	4
IPR012460	1.35	1.33	1.37	1.17	4
IPR010699	1.55	2.58	1.45	1	4
PF03203	1.3	1	1.31	0	4
PF10018	1.33	1.33	0	0	4
IPR006587	7.22	7.22	0	0	4
IPR006588	2.86	2.86	0	0	4
PF04329	1.27	0	1.27	0	4
IPR007231	1.52	1.52	0	0	4
IPR013670	1.09	0	1.09	1	4
PF11705	1.3	1.3	0	0	4
IPR005496	2.1	1.75	2.11	1	4
IPR002728	1.68	2.11	0	1	4
IPR006911	4.27	4.27	0	0	4
IPR010713	31.25	31.25	0	0	4
IPR015386	2.18	2.3	1	0	4
IPR003612	94.86	94.86	0	0	4

IPR004932	1.58	1.59	1	0	4
IPR007716	1.17	1.17	0	0	4
IPR021054	4.06	4.06	0	0	4
IPR015194	1.35	1.35	0	0	4
IPR005607	4.12	4.16	1	0	4
IPR000442	2.33	4.89	1.24	0	4
IPR005163	1.11	0	1.11	0	4
IPR018979	1.55	1.55	0	0	4
IPR018970	1.25	1.41	1.23	0	4
IPR011679	1.29	1.29	0	0	4
PTHR13789	1.15	1.33	1	0	4
IPR015016	1.14	1.14	0	0	4
IPR004401	1.17	1.67	1.16	0	4
PTHR22841	1	1	1	0	4
IPR000347	9.29	9.29	0	0	4
IPR005592	4.47	4.47	0	0	4
IPR019432	1.3	1.8	1.21	1	4
PTHR19959:SF15	1.37	2	1.2	0	4
TIGR03061	1.66	0	1.67	1	4
PF09039	1.19	0	1.19	0	4
IPR002847	1.21	1	1.11	1.68	4
IPR003715	2.25	0	2.25	0	4
IPR003711	1.42	1.86	1.41	0	4
PTHR11632	1.06	1.2	1.04	0	4
IPR010662	1.54	1.5	1.54	0	4
PTHR23083:SF24	1.04	1	1.05	0	4
IPR000607	6.29	10.25	1	1	4
IPR001554	5.76	9.33	1	0	4
IPR021841	1.26	1.26	0	0	4
IPR018119	3.72	6.12	1.16	0	4
IPR013244	1.29	1.29	0	0	4
IPR008146	2.22	3.55	2.13	1.51	4
IPR006899	4.11	4.11	0	0	4
IPR011509	38.4	0	38.4	0	4
IPR013905	1.3	1.3	0	0	4
PF03045	1.93	1.93	0	0	4
PTHR23154:SF12	1.17	1.17	0	0	4
IPR000918	2.31	3.49	2.2	1.69	4
IPR003797	2.66	0	2.66	0	4
IPR000266	1.14	2.41	1.02	1	4
IPR001790	1.21	3.18	1.02	1	4
IPR001130	1.74	2.45	1.66	1.91	4
IPR022003	8.29	8.29	0	0	4
IPR022001	1	0	1	0	4
IPR007956	1.23	1.88	1.08	0	4
PF03237	1.44	0	1.44	1	4
IPR021778	1.33	0	1.35	1	4
IPR021775	10.14	10.14	0	0	4
IPR021774	3.22	3.22	0	0	4
IPR006554	2.21	2.22	0	1	4
IPR003451	1.12	2	1.11	0	4
IPR003457	1.27	2	1.26	0	4
IPR008471	1.03	0	1.03	1	4
IPR009784	1.35	2.05	1.17	1	4
IPR010744	1.59	0	1.59	0	4
PTHR21248	1.43	1.89	1.4	1	4
PTHR23083:SF7	1.33	1.33	0	0	4
IPR018651	1.11	1	1.11	1	4
IPR007507	1.07	1.57	1.06	0	4
IPR011628	5.75	0	5.75	0	4
IPR000774	2.13	2	2.13	0	4
IPR018029	1	1	1	0	4
IPR011427	9.67	0	9.67	0	4
PTHR23258:SF47	2.88	3.5	1	0	4
TIGR00426	1	0	1	0	4
IPR006624	10.92	11.7	2	0	4
IPR007287	1.18	1.18	0	0	4
IPR003823	2.31	4.25	1.85	0	4
IPR012969	1.2	1.25	1	0	4

IPR021153	1.01	1	1.01	0	4
IPR006182	1.43	1	1.43	0	4
IPR006457	10.5	0	6	12	4
IPR007582	1.93	1.93	0	0	4
IPR007581	1.13	2.07	1.07	1	4
IPR010603	1.05	0	1.05	0	4
IPR013544	6	6	0	0	4
IPR013543	1.74	3.19	1.31	1	4
IPR006842	4.18	1	4.21	4	4
PTHR23213:SF18	2.68	3.24	1	1	4
IPR018756	1.17	0	1.17	0	4
IPR015252	1.67	1.67	0	0	4
IPR002872	1.16	1.66	1.09	1.33	4
IPR000435	4.78	4.78	0	0	4
PF12162	2.12	2.12	0	0	4
PF10519	5.96	5.96	0	0	4
IPR002466	2.13	2.13	0	0	4
IPR004125	1.05	1.49	1.01	1	4
PTHR23155:SF37	5.72	8	2.3	0	4
IPR000631	1.07	1.2	1.06	1.11	4
IPR021104	1.84	1	1.84	0	4
IPR021101	1	1	0	0	4
IPR001951	2.46	2.46	0	0	4
IPR001950	1.62	3.52	1.02	1.04	4
IPR000392	1.67	1	1.64	2.24	4
IPR000395	2.22	0	2.22	0	4
IPR000398	1.12	1.49	1.07	1	4
IPR015945	1.15	1.93	1.06	1.35	4
IPR004670	1.31	1	1.31	0	4
IPR015360	1.21	1.22	1	0	4
IPR002636	6.1	0	6.1	0	4
IPR010465	2.41	2.41	0	0	4
IPR002092	1.8	1.88	1.14	0	4
IPR010281	2.72	5.75	2.65	1	4
IPR014906	1.69	1.69	0	0	4
IPR005197	3.52	4.42	1.11	0	4
IPR003741	2.38	0	2.47	1.29	4
PF05804	3.81	3.81	0	0	4
PTHR10593	3.21	3.38	1	0	4
PTHR10596	1	1	1	0	4
PTHR11640	3.33	3.33	0	0	3
PTHR11647	1.04	1	1.04	1	3
IPR010637	2.54	0	2.54	0	3
IPR010632	2.5	2.5	0	0	3
IPR020587	1.12	2.03	1.04	1	3
IPR001503	4.03	6.02	1.47	0	3
IPR021721	1.23	1.23	0	0	3
IPR008833	1.56	1.56	0	0	3
IPR003468	1.27	1	1.27	0	3
IPR002782	1.17	1.21	1.22	1.03	3
IPR002259	2.77	2.77	0	0	3
PF12114	4.56	4.56	0	0	3
IPR011020	1.25	1.29	1.22	1	3
IPR010770	1.16	1.16	0	0	3
IPR003696	1.44	0	1.47	1.1	3
IPR007638	1.42	1.42	0	0	3
IPR000060	2.11	3	2.13	1	3
IPR000062	1.15	1.34	1.11	1.44	3
IPR021917	1.31	1.32	1	0	3
IPR005540	11.38	11.38	0	0	3
IPR005541	13.43	13.43	0	0	3
IPR009939	1.6	1.67	1	0	3
IPR013956	1.06	1.06	0	0	3
IPR004083	4	4	0	0	3
PTHR13847	1	1	1	1	3
PTHR14453	2	2	0	0	3
PTHR10178:SF17	29	29	0	0	3
IPR006029	24.6	25.84	1	0	3
IPR007775	3.5	3.5	0	0	3

IPR000292	1.66	1.64	1.69	1.22	3
PF12431	1.27	0	1.27	0	3
PF12434	1.05	0	1.05	0	3
IPR010504	4.15	4.15	0	0	3
IPR010505	1.22	1.18	1.24	1.02	3
IPR018076	4.26	1.4	4.26	4.47	3
PF12213	1.21	1.21	0	0	3
PF01316	1.36	0	1.36	0	3
IPR009555	4	0	4	0	3
PTHR13789:SF5	1.11	1.33	1	0	3
IPR006617	17.42	17.42	0	0	3
PTHR10066:SF12	1.3	1.46	1.2	0	3
IPR008286	1.76	1.3	1.78	1	3
IPR002706	2.05	2.05	0	0	3
IPR002708	1.24	0	1.04	1.82	3
IPR006939	1.76	1.76	0	0	3
IPR006937	3.02	13.29	1.13	0	3
IPR014832	1.46	1	1.47	0	3
IPR014833	1.56	1.5	1.56	0	3
IPR014836	3.16	3.16	0	0	3
IPR021995	1.09	1.62	1	0	3
IPR007865	1.35	2.57	1.09	0	3
IPR004006	1.52	1.54	1.52	1	3
IPR004003	1.16	1.43	1.13	1	3
IPR015995	1.64	1	1.7	1	3
IPR004910	2.88	2.88	0	0	3
IPR002513	2.69	2.5	2.69	0	3
IPR006879	1.15	1	1.15	0	3
IPR006876	2.46	2.46	0	0	3
PD503580	1.33	0	1.33	0	3
PF12217	1.25	0	1.25	0	3
PF12215	1.79	2.46	1.03	2.86	3
PTHR23224:SF61	1.36	1.36	0	0	3
IPR001476	1.3	2.54	1.19	1	3
IPR008905	1.37	1.37	0	0	3
IPR002828	1.21	2.34	1.12	1.21	3
IPR008593	1.33	1.5	1.33	0	3
IPR005140	2.31	2.49	0	2.02	3
IPR005142	2.3	2.55	1	2.02	3
IPR018992	1.56	1.56	0	0	3
PTHR10499:SF86	1.17	1.15	1.2	0	3
PTHR10499:SF80	1	0	1	0	3
PTHR10527	1.66	1.66	0	0	3
IPR015262	1.02	1	1.02	0	3
IPR003318	2.29	0	2.29	0	3
IPR001203	2.3	0	2.13	3	3
PF11953	1.19	0	1.19	0	3
IPR022137	2.22	2.22	0	0	3
IPR013510	1.74	0	1.74	0	3
IPR001901	1.06	1.56	1.02	1	3
IPR004628	1.31	0	1.31	1.67	3
IPR012644	1.06	1.5	1.05	0	3
IPR015917	6.75	6.75	0	0	3
IPR001015	1.15	1.47	1.11	1	3
IPR019412	1.77	1.8	1.33	0	3
PF08007	1.38	1.71	1.18	0	3
TIGR02353	1.09	1	1.1	0	3
IPR013723	1.1	1.1	0	0	3
IPR010605	5.57	5.57	0	0	3
IPR010600	6.22	6.22	0	0	3
IPR010609	1.88	0	1.88	0	3
IPR011715	2.5	2.5	0	0	3
PTHR11452	1.44	1.3	1.67	0	3
IPR007446	1.01	1	1.01	0	3
IPR019308	1.72	1.78	1	0	3
IPR009453	1.18	1.18	0	0	3
IPR009457	3.59	3.59	0	0	3
PTHR23082	1.05	1.05	0	0	3
PTHR14218	1.28	1	1.38	1	3

PTHR21222	1.08	1.14	1	0	3
IPR007603	3.13	3.16	1	0	3
PF08394	1.73	0	0	1.73	3
IPR013597	2.52	1	2.52	3.33	3
IPR019141	1.79	1.79	0	0	3
IPR019143	2.83	2.83	0	0	3
IPR019496	1.09	1.09	0	0	3
IPR021940	7.38	7.38	0	0	3
IPR006214	1.78	5.14	1.29	0	3
IPR011525	1	1	0	0	3
PTHR23022:SF10	2.03	2.27	1.84	0	3
IPR013969	1.06	1.08	1.06	1	3
IPR013967	1.06	1.06	0	0	3
IPR004600	1.22	1.22	0	0	3
PTHR23323	1.33	1.33	0	0	3
IPR009640	16.67	0	16.67	0	3
IPR022021	4	4	0	0	3
IPR012862	5	5.67	1	0	3
IPR006861	2.88	2.88	0	0	3
IPR021756	1.06	1.06	0	0	3
IPR021755	1.05	1.05	0	0	3
IPR022225	1.24	0	1.24	0	3
IPR022228	6.43	6.43	0	0	3
PF08406	1.32	0	1.32	1	3
IPR008867	1.04	1	1.04	1	3
IPR011978	1.56	1	1.57	0	3
IPR007199	1.4	1.4	0	0	3
IPR007191	1.24	1.24	0	0	3
IPR007193	1.28	1.28	0	0	3
IPR003435	1.46	2.5	1	0	3
IPR003431	1.14	1	1.18	0	3
IPR007220	1.12	1.12	0	0	3
IPR016166	1	1	1	0	3
IPR013604	39.9	39.9	0	0	3
IPR021849	4.12	4.12	0	0	3
IPR006903	1.21	1.21	0	0	3
PF12161	1.64	0	1.65	1.58	3
PF03403	1.64	2.06	1.49	1	3
IPR006433	1.35	0	1.35	0	3
IPR000558	4.85	4.85	0	0	3
PF05648	2.78	2.78	0	0	3
IPR010420	4.71	4.71	0	0	3
IPR001441	1.25	1.95	1.18	1.33	3
IPR019060	1.96	1	1.98	0	3
IPR015183	1.23	0	1.23	0	3
IPR015185	1	0	1	0	3
IPR005636	1.74	2.39	1.59	0	3
IPR005633	1.4	1.4	0	0	3
IPR002366	13	17.8	1	0	3
IPR008958	7.46	7.46	0	0	3
IPR013803	3.64	3.64	0	0	3
PTHR13919	1.33	1.33	0	0	3
PTHR22963	1.2	1.2	0	0	3
IPR008039	1	0	1	1	3
PF10068	2.23	0	2.23	0	3
IPR008707	1.26	1	1.26	0	3
IPR002742	1.15	0	1.14	1.17	3
IPR000692	1.39	1.62	0	1.04	3
IPR000690	1	1	0	0	3
IPR001872	1.15	1	1.15	0	3
IPR013680	2.43	2.43	0	0	3
IPR012551	3.91	0	3.91	0	3
IPR015683	5.33	6.2	1	0	3
IPR019563	1.87	0	1.89	1	3
IPR012941	3.29	4.75	1.24	0	3
IPR012944	39.79	0	39.79	0	3
PF07036	5.12	5.12	0	0	3
IPR003682	1.03	1.36	1.03	1	3
IPR013521	3.2	6.09	1.09	0	3



IPR000334	1.78	1.86	1.5	0	3
IPR005300	1.06	1	1.06	0	3
IPR018532	1.59	1.06	1.71	0	3
IPR018537	1.58	0	1.58	0	3
IPR006827	2.41	1	2.44	0	3
IPR008579	1.92	3.83	1.82	0	3
IPR008391	1.4	1.5	1.41	1	3
IPR021622	1.38	1.38	0	0	3
IPR000988	1.61	1.72	0	1	3
IPR003724	1.31	1	1.32	1	3
IPR008523	1.69	0	1.69	0	3
PF12369	1.89	1.89	0	0	3
PTHR12546	1	1	0	0	3
IPR021124	1.18	0	1.19	1.11	3
IPR009105	1.12	0	1.12	0	3
PTHR18973	1	1	1	0	3
PTHR18976	1.08	1	1.1	1	3
PF11980	9.2	9.2	0	0	3
IPR003688	1.78	0	1.79	1	3
IPR007387	3.21	1	3.24	1	3
IPR015966	1.12	1.12	0	0	3
IPR015965	1.09	1.1	1	0	3
IPR019198	1.19	0	1.21	1.14	3
IPR015348	1.42	1.42	0	0	3
IPR019447	1.13	1.13	0	0	3
PF05065	1.6	0	1.61	1	3
IPR014928	2.61	2.71	1	0	3
IPR013934	1.06	1.06	0	0	3
PTHR12197	1.33	1.33	0	0	3
IPR005301	3.73	3.73	0	0	3
IPR006270	7.81	0	7.81	0	3
IPR010934	6.19	12.76	1.15	0	3
IPR021090	4.33	4.33	0	0	3
IPR021092	1.11	1.11	0	0	3
IPR009613	1.26	1.73	1	0	3
IPR022018	1.61	1.61	0	0	3
IPR009567	1.12	1.12	0	0	3
PTHR21091	1	1	1	0	3
IPR008851	1.5	1.5	0	0	3
IPR003447	2.16	0	2.16	2	3
IPR013638	2.26	2.31	0	1	3
IPR013630	1.24	0	1.25	1	3
IPR004140	4.89	4.89	0	0	3
PF12137	1.01	0	1.01	0	3
IPR006953	1.07	1.07	0	0	3
IPR006957	5.7	5.7	0	0	3
IPR020958	1	0	1	0	3
IPR020956	1.04	1.04	0	0	3
IPR021839	2.83	2.83	0	0	3
IPR021933	1.31	1.31	0	0	3
IPR018641	1.09	1	1.09	1	3
IPR018649	1.61	0	1.53	2.25	3
IPR002076	7.49	7.49	0	0	3
IPR007517	1.57	2.33	1	1	3
IPR007518	1.58	1.58	0	0	3
IPR000568	1.71	8.89	1.1	1	3
IPR019257	1.18	1.68	1.12	1	3
IPR008631	1.39	1.33	1.5	2	3
IPR005003	8.42	0	8.42	0	3
PTHR15704	1.09	1.09	0	0	3
PTHR11107:SF5	1	0	1	1	3
IPR001892	1.11	2.03	1.02	1	3
TIGR02136	1.23	0	1.24	1.12	3
IPR007757	1.78	2.25	1.07	1	3
IPR019099	1.08	1	1.09	0	3
IPR005648	1.16	2	1.16	0	3
PTHR19241:SF10	5.25	5.25	0	0	3
IPR015151	2.91	2.91	0	0	3
IPR003648	1.7	1.7	0	0	3

IPR011430	1.04	1.04	0	0	3
IPR003171	1.22	1.85	1.16	1	3
IPR013128	1.5	1.5	0	0	3
IPR013123	1.52	1.15	1.54	0	3
PF06747	4.65	4.65	0	0	3
PF11875	1.19	1.19	0	0	3
PF11879	1.78	1.78	0	0	3
TIGR03407	1.23	0	1.23	0	3
PTHR22963:SF13	1.27	1.27	0	0	3
IPR022251	11.33	11.33	0	0	3
IPR006639	3.13	3.57	0	1	3
IPR003370	3.03	2.43	3.08	1.5	3
IPR003372	1.09	1.5	1	0	3
IPR007272	2.74	2.24	2.78	2.56	3
IPR009717	3.05	0	3.05	0	3
IPR009716	2.45	2.45	0	0	3
IPR021077	1.47	0	1.47	0	3
IPR011089	1.37	0	1.37	1.33	3
IPR014813	1.12	1.12	0	0	3
IPR012971	1.17	1.17	0	0	3
IPR012974	2.42	2.42	0	0	3
IPR012976	2.57	3.34	0	1	3
IPR020481	1.09	0	1.09	1	3
IPR006773	2.09	2.09	0	0	3
IPR007844	2.07	1	2.07	0	3
IPR003654	7.19	7.19	0	0	3
IPR003651	1.44	1.78	1.45	1.17	3
IPR013578	1.17	1.31	1.06	0	3
IPR013573	1.41	3	1.4	0	3
IPR013574	1.38	0	1.38	0	3
IPR005373	1.5	1.5	0	0	3
IPR002687	2.46	3.41	0	1	3
IPR004971	1.41	1.42	1	0	3
IPR020850	3.03	3.03	0	0	3
PTHR20930	1.32	1.32	0	0	3
IPR019017	1.05	0	1.05	0	3
IPR018768	1.02	0	1.02	0	3
IPR015225	1.04	0	1.04	0	3
PTHR10066	1.27	1.19	1.38	1	3
IPR010308	3.58	3.58	0	0	3
IPR000400	1.12	0	1.12	0	3
PF12612	1.17	1.17	0	0	3
PTHR23233	1.31	1.31	0	0	3
IPR021110	1	1	0	0	3
IPR019601	1.04	1.04	1	0	3
IPR012582	1	1	0	0	3
IPR021805	3.62	3.62	0	0	3
IPR003851	27.89	27.89	0	0	3
TIGR01784	3.94	1	3.84	14	3
PF05253	4.1	4.1	0	0	3
IPR022112	1.88	0	1.92	1.44	3
IPR022113	1.81	1.81	0	0	3
PTHR10032:SF30	1	1	0	0	3
IPR003526	1.03	1.27	1.02	0	3
PF06333	1.39	1.39	0	0	3
IPR018870	1.05	1.05	0	0	3
IPR018875	1.36	0	1.36	0	3
IPR009582	1.26	1.26	0	0	3
IPR001039	95.43	95.43	0	0	3
IPR019471	9	9	0	0	3
IPR015929	1.03	1	1.03	1	3
PTHR10159	1	1	1	0	3
PTHR22767:SF2	1.5	1.5	0	0	3
IPR016516	2.93	0	2.93	0	3
PF09816	1.25	1.25	0	0	3
IPR021673	3.38	3.38	0	0	3
IPR006708	1.23	1.23	0	0	3
IPR003758	1.04	1.33	1.03	0	3
IPR007074	2.35	3.66	1.79	1.67	3

IPR013741	1.14	0	1.14	1	3
PD013253	1	1	1	0	3
PTHR10584	1	1	1	0	3
IPR010623	1.71	0	1.71	0	3
PTHR23154:SF51	2.21	3	1.17	0	3
IPR020069	1.03	2.1	1.02	0	3
IPR021887	2.18	2.18	0	0	3
IPR008803	1.74	1.74	0	0	3
IPR007297	1.56	0	1.56	1	3
IPR012315	2.86	2.86	0	0	3
PF10469	1.84	1.84	0	0	3
PF05708	1.08	1	1.08	1	3
PF06561	1.1	1.09	1.11	0	3
IPR007621	1.81	1.77	1.81	0	3
IPR000077	1.16	1.28	0	1	3
IPR013208	1.5	2.42	1.37	0	3
IPR013209	2.07	2.11	1.33	0	3
IPR021961	1.04	0	1.04	1	3
IPR021968	1.02	0	1.02	0	3
IPR011541	1.39	1.43	1.39	1.21	3
IPR013940	1.28	1.28	0	0	3
IPR013945	1.09	1.09	0	0	3
PTHR11200	1.6	1.6	0	0	3
IPR007549	1.06	0	1.07	1	3
PTHR13871	1	1	0	0	3
IPR005053	1.94	0	1.94	0	3
IPR004150	1.18	0	1.18	0	3
PF11569	3	4	1	0	3
IPR006035	1.99	2.24	2	1.48	3
IPR021021	3.6	0	3.6	0	3
IPR022044	1.17	0	1.17	0	3
IPR015293	1.04	0	1.04	1	3
IPR010518	1	0	1	0	3
IPR010514	1.13	1	1.13	0	3
IPR007991	1.45	1.45	0	0	3
PF11842	1.02	1	1.02	1	3
IPR007789	12.29	12.29	0	0	3
IPR014161	1.08	1	1.08	0	3
PTHR22904:SF15	2	2	0	0	3
IPR001813	3.77	5.24	1	1.24	3
IPR016147	4.95	1	5.01	0	3
IPR016148	5.72	1	5.8	0	3
IPR013661	1.53	0	1.53	0	3
IPR012531	2	2.12	1.5	0	3
IPR012530	1.36	5	1	0	3
IPR002733	1.15	1.37	1.05	1.11	3
PTHR11731	1	1	1	1	3
IPR014825	1.36	3	1.34	1.2	3
PTHR10044	1.6	1.6	0	0	3
IPR015420	1	1	0	0	3
IPR003760	1.83	2	1.84	1.62	3
PTHR17598	1	0	1	0	3
IPR010270	1.29	0	1.29	0	3
IPR003595	1.57	1.57	0	0	3
PTHR11271:SF7	1.12	0	1.12	1	3
IPR019204	1.09	0	1.21	1.03	3
PTHR23125:SF36	1.2	1.2	0	0	3
PF12022	1.34	1.34	0	0	3
IPR015217	1.09	0	1.09	0	3
IPR018796	1.09	1.09	0	0	3
IPR005617	2.86	2.93	1	0	3
IPR002348	8.81	8.81	0	0	3
IPR010333	1.41	0	1.41	0	3
IPR013170	1.52	1.52	0	0	3
IPR013171	1.25	3.08	1.03	0	3
IPR012887	1.8	2	1	0	3
IPR012886	1.4	2.12	1.1	0	3
IPR012882	1.04	1.04	0	0	3
PTHR23241:SF11	1.8	3.83	1.03	1	3

IPR004209	1.17	1.12	1.08	1.7	3
IPR018965	1.68	1.68	0	0	3
IPR018966	1.4	1.83	1.14	1	3
IPR018960	1.27	1.88	1.16	0	3
IPR006667	1.46	3.89	1.27	2.09	3
IPR007133	1.52	1.52	0	0	3
IPR000675	4.62	3.79	5.21	0	3
IPR010610	1.48	0	1.48	0	3
IPR008217	1.57	3.25	1.3	1.64	3
IPR019585	2.37	2.44	1	1	3
IPR015005	1.09	1	1.11	1	3
PTHR11117	1.03	1	1.03	1	3
PTHR11113	1.12	1.29	1.12	1	3
IPR012925	1.37	0	1.37	0	3
IPR018829	1	1	0	0	3
IPR003511	3.01	3.01	0	0	3
IPR001910	2.15	3.11	1.96	2.67	3
IPR013506	1.62	1	1.67	0	3
IPR000353	36.57	36.57	0	0	3
IPR013554	1.07	0	1.07	0	3
IPR013555	5.08	5.08	0	0	3
IPR005326	1.63	1.63	0	0	3
IPR005320	1.26	1.14	1.27	0	3
IPR019280	1.49	1.49	0	0	3
IPR019427	11.17	11.17	0	0	3
IPR002675	1.39	1.42	0	1	3
PTHR10169	1	1	1	0	3
IPR010428	1.37	0	1.37	0	3
IPR014942	1.74	1.4	1.76	1.55	3
IPR014945	1.44	0	1.44	0	3
IPR013992	1.63	1.63	0	0	3
IPR013996	2.33	2.33	0	0	3
PTHR19959:SF21	1.4	1.5	1.33	1	3
IPR010441	3.5	3.5	0	0	3
PTHR20961	1.22	1.46	1.06	1	3
IPR021648	1.11	1.11	0	0	3
IPR021645	1.72	1.75	1	0	3
PTHR22955	7.07	7.07	0	0	3
IPR013713	2.25	2.25	0	0	3
IPR013717	1.28	1.28	0	0	3
IPR009360	1.07	1.07	0	0	3
IPR009362	1.68	1	1.69	1.75	3
IPR010674	1.32	1.4	0	1	3
TIGR02971	1.56	0	1.56	0	3
IPR001548	2.79	5.19	1.02	0	3
IPR022418	1.05	1.37	1.02	1	3
IPR022414	1.89	4.62	1.01	0	3
IPR022417	1.06	1.43	1.02	1	3
IPR022413	4.15	4.41	1	0	3
IPR021859	1.48	1.48	0	0	3
IPR021857	1.06	0	1.02	1.25	3
IPR021850	1.32	1.32	0	0	3
IPR006389	4.25	7.5	1	0	3
IPR007475	1.01	1	1.01	0	3
IPR007472	1.1	1.39	1.01	0	3
IPR019337	1.14	1.14	0	0	3
IPR008715	1.15	1	1.15	0	3
IPR009449	1.75	1.75	0	0	3
IPR013234	1.16	1.17	1	1	3
IPR021828	1.01	0	1.01	0	3
IPR013582	1.76	2.04	1	0	3
IPR013581	25.71	25.71	0	0	3
IPR015070	1	1	0	0	3
IPR001082	1.55	1	1.55	0	3
IPR008432	2.25	2.25	0	0	3
IPR008154	2.82	2.82	0	0	3
IPR015323	1.4	0	1.4	0	3
IPR005503	1.4	1	1.4	0	3
IPR011514	1.08	0	1.08	0	3

IPR013919	1.2	1.2	0	0	3
IPR003786	1.23	1	1.23	1.29	3
IPR000257	1.27	1.55	1.21	2.73	3
IPR001787	1.05	1.51	1.02	0	3
IPR001783	2.17	2.15	2.17	2	3
IPR022038	1.75	0	1.75	0	3
IPR022034	5	5	0	0	3
IPR011491	1.27	0	1.27	0	3
IPR010540	1.69	1.14	1.8	1	3
PTHR10333	1	1	0	0	3
IPR007948	2.93	0	2.93	0	3
PF11104	1.15	0	1.15	0	3
IPR012850	6.17	7.89	1	0	3
IPR020545	1.03	0	1.04	1	3
PTHR22075	1.08	1.08	0	0	3
IPR003421	1.15	1.25	1.14	0	3
IPR013616	3.1	3.1	0	0	3
PTHR10617:SF7	1	0	1	1	3
PTHR13182	1.49	1.49	0	0	3
IPR018463	1	1	0	1	3
PTHR13723	1.25	1.25	0	0	3
PF12152	1.1	1.1	0	0	3
IPR006976	1.71	1	1.78	1.22	3
IPR010733	1.12	1.12	1	0	3
IPR020971	2.67	2.67	0	0	3
PTHR10593:SF10	4	4	0	0	3
IPR004041	30.88	30.88	0	0	3
IPR019273	1.33	1.34	1	0	3
IPR002554	3.83	3.83	0	0	3
IPR011657	1.93	1.85	1.95	0	3
IPR011652	8.46	0	8.46	0	3
IPR009617	1.56	1.56	0	0	3
PTHR14493	1.43	1.43	0	0	3
IPR007085	1.06	1.28	1.04	1	3
IPR007084	3.85	3.85	0	0	3
IPR004131	1.39	6.75	1.11	1.14	3
IPR015176	1.77	6	1.42	0	3
IPR015177	1.69	5	1.42	0	3
IPR015171	1.1	0	1.1	0	3
IPR015172	1.4	1.4	0	0	3
IPR005624	1.88	1.41	1.92	1	3
IPR018035	1.23	1	1.23	0	3
IPR013810	1.15	2.62	1.01	1	3
IPR003119	4	4	0	0	3
IPR013104	1.11	0	1.11	0	3
IPR004236	2.69	0	2.69	0	3
IPR018950	1.29	0	1.29	0	3
TIGR02778	1	0	1	0	3
IPR006155	1.93	1.95	1	0	3
IPR003350	5.62	5.96	1	0	3
IPR015396	1.29	1	1.29	0	3
PF09341	1.21	1.32	0	1.03	3
IPR015393	1.17	0	1.17	0	3
IPR013340	1.81	0	1	1.94	3
IPR013690	2	0	2	0	3
IPR011113	1.06	0	1.06	0	3
IPR009730	1.23	1.23	0	0	3
IPR009734	1.38	1	1.39	0	3
IPR001248	2.82	5.76	2.41	1.54	3
IPR015039	2	2	0	0	3
IPR014786	1.16	1.16	0	0	3
PTHR23224:SF45	7.94	7.94	0	0	3
IPR019485	1.6	1.6	0	0	3
IPR021406	2.27	2.27	0	0	3
IPR022172	1.34	0	1.34	0	3
IPR006194	1	0	1	0	3
IPR006442	2.69	1	2.7	1	3
IPR007310	2.18	1.43	2.21	2.5	3
IPR000327	6.14	6.29	1	0	3

IPR000320	2.04	2.04	0	0	3
IPR005317	1.42	1.56	1.08	0	3
IPR018501	1.25	1.25	0	0	3
PF12051	1.45	2.58	1.25	0	3
IPR006839	1.04	2	1.01	0	3
IPR021614	1.33	1.33	0	0	3
IPR018746	1.74	0	2.36	1.17	3
IPR002310	1.02	1.38	1.02	0	3
IPR002779	1.22	1.45	1.19	1.54	3
IPR000522	4.65	1	4.84	2.24	3
IPR009688	1.7	1.7	0	0	3
IPR005103	8.38	8.38	0	0	3
IPR011119	1.33	0	1.33	0	3
PTHR22556	1.5	1.5	0	0	3
IPR021864	12.14	12.14	0	0	3
IPR021861	1.45	1.45	0	0	3
IPR021862	1.03	1	1.04	0	3
IPR002128	1.08	2.17	1.01	0	3
PTHR10499:SF65	2.93	7.5	1.27	0	3
IPR004464	1.19	1	1.19	1	3
IPR004462	1.15	0	1.1	1.44	3
IPR000010	8.67	9.71	1.33	0	3
IPR012600	1.4	0	1.5	1	3
IPR019186	1.11	1.11	0	0	3
IPR001059	1.21	2.1	1.19	0	3
IPR005539	11.5	11.5	0	0	3
IPR019458	1.81	1.81	0	0	3
IPR015377	1.23	1.38	1.16	0	3
PTHR23022:SF9	1.96	1.71	2.02	2.5	3
IPR006097	1.55	2.24	1.47	1.51	3
IPR010901	1	1	0	0	3
IPR005183	3.19	2	3.2	0	3
IPR014017	1	0	1	1	3
IPR001464	1.67	1.75	1	0	3
IPR021715	1.17	1.17	0	0	3
IPR021719	1.15	1.05	1.18	0	3
IPR004465	1.13	0	1.13	0	3
IPR007482	1.99	1.99	0	0	3
IPR007481	1.01	1	1.01	0	3
IPR019345	1.43	1.43	0	0	3
IPR002793	1.15	0	1.03	1.5	3
PTHR11751	1.17	1.5	1.12	0	3
IPR006949	1.65	1	1.66	1	3
IPR006943	10.14	10.14	0	0	3
IPR006947	3	3	0	0	3
PTHR12473	1.82	1.82	0	0	3
IPR020948	1.09	1	1.09	1.1	3
IPR019109	1.44	2.12	1.12	1	3
IPR019108	1.5	0	1.5	0	3
IPR021904	1.03	0	1.03	0	3
IPR021908	1.05	0	1.05	0	3
IPR009928	1.01	0	1.01	0	3
PF07304	1.23	1.23	0	0	3
IPR005078	2.13	2.13	0	0	3
IPR008511	9.71	9.71	0	0	3
IPR008514	2.74	0	2.75	1	3
IPR008517	1.08	0	1.08	0	3
IPR006018	2.21	3.2	1.11	0	3
IPR007760	1.43	1	1.44	1	3
IPR000472	7.03	7.03	0	0	3
IPR000755	1.08	0	1.08	0	3
IPR000281	3.29	2	3.29	0	3
IPR012493	1.52	1.52	0	0	3
PTHR23224:SF6	1.76	1.76	0	0	3
IPR022066	1.03	0	1.03	0	3
IPR013842	1.04	1.23	1.02	0	3
IPR013843	1.37	1.6	0	1	3
IPR013840	1.11	1	1.11	1	3
IPR013845	1.45	1.63	0	1	3

IPR004264	24.33	24.33	0	0	3
IPR018906	1.01	0	1.01	0	3
IPR008584	1.35	1.35	0	0	3
IPR006602	7.83	7.83	0	0	3
IPR006609	5.47	5.47	0	0	3
IPR018969	1.17	1.41	1.14	0	3
IPR007263	1.32	2.7	1.27	1	3
PF12219	1.17	0	1.17	0	3
PF12218	1.1	1	1.2	0	3
PF12210	1.36	1.36	0	0	3
IPR011093	1.28	0	1.28	0	3
PTHR10489	1.18	1.29	1	0	3
IPR000829	1.07	1	1.07	0	3
IPR014800	4.4	4.4	0	0	3
IPR018639	1.14	1.43	1.12	2	3
IPR007320	1.76	1.76	0	0	3
IPR007325	1.76	3.44	1.64	1.31	3
IPR013562	1.11	1.12	1	1.38	3
PF06382	4.79	4.79	0	0	3
IPR002696	1.07	2	1.06	0	3
IPR006868	16.5	16.5	0	0	3
IPR006866	5.17	5.17	0	0	3
IPR010481	1	1	0	0	3
PF09722	1.64	1	1.64	0	3
PTHR12558:SF11	1.11	1.2	1	0	3
IPR015237	1	0	1	1	3
IPR018774	1.2	1	1.2	0	3
IPR009067	1.24	1.24	0	0	3
IPR011444	8.6	0	8.6	0	3
TIGR02795	1.03	0	1.03	0	3
IPR010317	2.23	1	2.33	0	3
IPR013923	1.33	1.33	0	0	3
IPR013922	4.1	4.22	1.33	0	3
IPR013924	1.13	1.13	0	0	3
IPR002811	1.06	1.17	1.03	1.1	3
IPR002810	1.31	1.5	1.31	1.3	3
IPR003494	2.35	0	2.35	0	3
IPR019665	1.02	0	1.02	1	3
IPR000652	1.18	1.83	1.11	1.04	3
IPR007151	1.19	1.19	0	0	3
IPR021838	5.77	6.25	1	0	3
IPR015063	2.05	2.05	0	0	3
PTHR10333:SF4	1.17	1.17	0	0	3
IPR014889	2.09	2.09	0	0	3
IPR004189	1.27	0	1.27	0	3
IPR004183	1.73	1.89	1.73	1.47	3
IPR004181	3.28	3.28	0	0	3
PF11940	1.05	2	1.01	1	3
IPR001232	4.34	4.34	0	0	3
IPR003404	1.17	1.25	1	0	3
IPR022103	1.08	1.08	0	0	3
IPR022107	1.03	0	1.03	0	3
IPR022104	1	0	1	0	3
IPR020992	1.02	0	1.02	0	3
IPR007349	1.48	1	1.49	1	3
PTHR11908:SF4	1	0	1	0	3
IPR019588	3	3	0	0	3
PF12556	1.01	0	1.01	0	3
PF12557	1.04	1	1.04	0	3
IPR019402	3.62	3.93	1	0	3
IPR019407	1.03	1.03	0	0	3
PTHR15242	1.68	1.68	0	0	3
PF04047	1.15	1.15	0	0	3
IPR015631	5.2	5.2	0	0	3
IPR021668	1.1	1.11	1	0	3
PTHR22979	1.84	1.94	1	1	3
IPR006734	13	13	0	0	3
IPR015888	1.27	0	1.26	1.33	3
IPR013731	1.56	0	1.56	0	3

IPR008565	1.57	0	1.57	0	3
IPR008567	2.1	1	2.12	1	3
IPR000237	2.62	2.62	0	0	3
IPR007756	1.25	0	1.27	1	3
IPR009380	1.38	0	1.39	1	3
IPR009389	1.2	1	1.21	0	3
PF12327	1.24	1	1.25	1.5	3
PTHR11669	1.01	1.25	1	0	3
PTHR21180:SF4	1.03	2	1	1	3
IPR001526	4.84	4.84	0	0	3
PTHR12848:SF5	1	1	0	0	3
IPR001292	2.6	2.6	0	0	3
IPR008815	2.17	0	2.17	0	3
IPR011988	1.89	1.89	0	0	3
IPR004106	1.65	2.82	1.53	1	3
IPR007612	4.08	13.15	1.03	1.5	3
IPR000045	1.47	1	1.5	1.11	3
IPR000043	1.22	2.12	1.08	1	3
IPR021397	2.25	2.25	0	0	3
IPR021394	2.33	2.33	0	0	3
IPR021977	1.85	1.85	0	0	3
IPR021976	2.93	0	2.93	0	3
IPR003929	2.6	2.6	0	0	3
IPR013978	1.79	6	1.06	0	3
IPR004320	34.43	34.43	0	0	3
IPR005043	1.38	1.38	0	0	3
IPR009607	2.4	2.4	0	0	3
IPR005182	3.58	1.5	3.71	2.63	3
IPR020542	1.03	0	1.04	1	3
PF05873	1.39	1.39	0	0	3
IPR015802	2.47	4.49	1.27	1	3
IPR012462	1.72	1.72	0	0	3
IPR001104	3.15	3.47	1	0	3
IPR004886	4.62	4.74	1	0	3
PTHR11915	1.2	1.25	1	0	3
PTHR11005	1.73	1.98	1.06	0	3
IPR021744	1	0	1	1	3
IPR021745	1	0	1	0	3
IPR005919	1.27	1.28	1	0	3
IPR007180	1.22	1.22	0	0	3
IPR007238	1.13	1.19	0	1.04	3
IPR013677	1.11	0	1.11	0	3
IPR000170	1.53	0	1.53	0	3
PTHR10963	1.13	1.2	1	2	3
IPR003894	2.7	2.84	1	0	3
IPR006917	1.84	4.29	1	1	3
IPR010718	1.03	0	1.03	1	3
IPR010712	1.1	0	1.11	1	3
IPR010710	1.7	0	1.7	1	3
IPR010714	1.52	1.52	0	0	3
IPR000819	1.8	5.43	1.51	1	3
IPR000818	2.45	2.48	1	0	3
IPR007365	2.8	3.06	1.33	0	3
PF08304	1.03	1.03	0	0	3
PF03896	1.55	1.55	0	0	3
IPR007887	1.31	0	1.31	0	3
IPR006429	1.64	0	1.64	0	3
IPR003619	8.87	8.87	0	0	3
PF06003	1.18	1.18	0	0	3
PF12032	9.6	9.6	0	0	3
IPR020811	1.2	2.32	1.07	1.27	3
IPR007712	2.74	0	2.75	2.56	3
IPR007714	2.02	2.02	0	0	3
IPR007718	1.23	1.23	0	0	3
IPR001457	1.39	3.58	1.15	1.12	3
IPR001182	2.21	1	2.21	0	3
IPR001187	12.27	13.4	1	0	3
IPR013839	1.44	0	1.44	0	3
IPR022255	3.6	3.6	0	0	3



IPR004212	8.75	24.25	1	0	3
IPR008025	1.92	1.92	0	0	3
IPR018972	1.08	1.08	0	0	3
IPR018971	2.21	4.67	1.75	0	3
IPR018976	1.48	0	1.48	0	3
IPR003335	4.04	2	4.09	2.68	3
IPR007109	4.13	5.53	1	1	3
IPR019576	1.1	1.25	1.07	0	3
IPR015014	1.02	0	1.02	0	3
IPR006993	1.92	1.92	0	0	3
IPR010790	2.33	2.6	1	0	3
IPR010796	3.55	3.55	0	0	3
IPR010799	1.63	1	1.68	1	3
IPR003814	1.93	0	1.5	3.05	3
IPR018222	1.46	1.46	0	0	3
IPR000895	1.28	1.39	1.25	0	3
IPR000894	2.67	6.67	2.2	0	3
IPR012936	3	3	0	0	3
IPR022156	1.06	0	1.06	0	3
PF09248	1.31	1.31	0	0	3
IPR007379	1.36	1.71	1.26	0	3
IPR001695	3.3	3.72	1.2	0	3
IPR005335	1.37	0	1.37	1	3
IPR009719	6.43	6.43	0	0	3
IPR019290	1.18	0	1.18	0	3
IPR005593	1.25	1.41	1.23	0	3
IPR005590	1.47	0	1.47	1.5	3
IPR013987	1.03	1	1.03	0	3
IPR013983	2.28	0	2.12	2.93	3
IPR013982	1.09	1.35	1.07	1	3
PF10947	1.29	0	1.29	0	3
TIGR03062	1.24	0	1.24	1	3
IPR018727	1.49	0	1.51	1	3
IPR013700	2.33	2.33	0	0	3
IPR013704	1.03	1	1.03	1	3
IPR008537	1.32	2.44	1.18	1	3
PF12372	1.89	1.89	0	0	3
PTHR23278	1.71	1.71	0	0	3
IPR021944	1.17	0	1.17	0	3
TIGR02231	1.33	2.56	1.09	0	3
IPR020685	1.2	1.2	0	0	3
IPR015095	2.25	2.25	0	0	3
IPR021843	1.24	1.24	0	0	3
IPR009827	1.3	0	1.3	0	3
IPR016180	1.16	2.61	1.01	1	3
PTHR22979:SF1	5.26	6.44	1	0	3
IPR019323	3.04	3.13	1	0	3
IPR008700	18.57	18.57	0	0	3
IPR009715	1.08	0	1.08	0	3
IPR000032	2	0	2	0	3
IPR013246	1.14	1.14	0	0	3
IPR008147	1.42	2.4	1.34	1.2	3
IPR005519	1.6	11.38	1.14	1	3
IPR006897	3.57	3.57	0	0	3
IPR006898	1.4	1.4	0	0	3
IPR010451	1.31	1.7	1.26	1.45	3
PTHR12749	1.18	1.6	1	0	3
PTHR23348	1.42	1	1.62	0	3
IPR000915	1.77	1.77	0	0	3
IPR000916	30.29	30.29	0	0	3
IPR013787	11.38	11.38	0	0	3
IPR012434	1.98	3	1.96	0	3
PTHR10099	1.02	1	1	1.5	3
PF12348	4.44	4.44	0	0	3
IPR021771	2.23	2.61	1	0	3
PF04350	1.15	1	1.15	0	3
IPR008023	3.48	0	3.48	0	3
IPR013081	2.35	3.25	2.14	0	3
IPR008475	4.63	0	4.63	0	3

PTHR10420	1	1	0	0	3
PF11774	2.78	0	2.78	0	3
PTHR13734	1	1	1	0	3
PF12147	1.01	1	1.01	0	3
IPR006968	2.2	2.2	0	0	3
IPR006966	1.23	1.23	0	0	3
IPR020964	1	0	1	0	3
PTHR23083:SF1	1.31	1.6	1.12	0	3
IPR019127	1.29	0	1.34	1.08	3
IPR018658	1.18	1	1.17	1.33	3
IPR007500	1.06	2	1.06	0	3
IPR002930	1.3	1.76	1.23	1.84	3
IPR008620	1.04	0	1.04	0	3
IPR005012	1.52	1.52	0	0	3
IPR002549	2.76	1.32	2.84	2.2	3
TIGR01490	1.34	1	1.34	0	3
IPR011621	1.03	0	1.03	0	3
IPR011624	1.05	0	1.05	0	3
PTHR15730	1.75	3.83	1.06	0	3
IPR005650	1.81	2	1.82	1.2	3
IPR013867	1.39	1.39	0	0	3
PTHR12622	1	1	0	0	3
IPR004245	13.52	13.52	0	0	3
IPR003339	2.21	1	2.21	2.47	3
IPR008011	5.13	5.13	0	0	3
IPR007314	1.18	2	1.12	0	3
IPR006621	13.05	13.05	0	0	3
PTHR14453:SF16	2	2	0	0	3
IPR007281	1.26	1.26	0	0	3
PTHR14025:SF2	1	0	1	0	3
IPR012577	1.95	2.38	1.75	0	3
IPR001272	1.14	1.85	1.06	1	3
IPR001275	5.47	5.47	0	0	3
IPR019540	1.3	1.3	0	0	3
IPR019543	2.86	2.86	0	0	3
IPR003825	1.06	1	1.06	0	3
PTHR15182	2	1	3.5	0	3
IPR012967	18.85	18.85	0	0	3
IPR012541	1.17	1.17	0	0	3
PF09922	1.37	0	1.37	1	3
IPR021435	1	0	1	0	3
IPR007855	3.82	3.82	0	0	3
IPR007856	1	1	0	0	3
IPR006456	17.29	17.29	0	0	3
IPR000310	1.82	1.56	1.83	1	3
IPR005094	1.61	0	1.61	0	3
IPR006840	1.37	1.77	1.2	0	3
IPR008487	11.67	0	11.67	0	3
PTHR19418	1.64	1.64	0	0	3
PTHR22572:SF7	1	1	1	1	3
IPR019007	1.16	1.16	0	0	3
IPR010373	1.19	1	1.2	0	3
IPR010372	1.05	1	1.05	0	3
IPR000439	1.4	1.62	0	1.02	3
IPR010991	4.42	4.42	0	0	3
IPR000898	2.42	2.58	1	0	3
IPR012931	1.5	0	1.5	0	3
PTHR23155:SF33	4.57	5.17	1	0	3
IPR007173	1.72	2.49	1.44	0	3
IPR015048	2.21	2.21	0	0	3
IPR015047	1.67	1.67	0	0	3
IPR015042	3.5	3.5	0	0	3
IPR021816	2.38	2.38	0	0	3
IPR005468	1.46	4.5	1.18	0	3
PTHR10288	1	1	0	0	3
PTHR10499:SF94	1	0	1	0	3
IPR004477	1.02	1	1.02	0	3
PTHR23055	1.96	2.1	1	0	3
IPR010897	1.52	0	1.52	0	3

IPR000390	2.39	0	2.42	1	3
IPR000394	1.13	0	1.13	0	3
IPR018841	1.65	0	1.65	0	3
IPR015365	1.22	2.33	1.21	0	3
IPR019465	1.1	1.1	0	0	3
IPR014909	1.27	1.88	1.17	0	3
IPR002808	1.31	0	1.49	1.07	3
PTHR10827	2.76	2.81	1	0	3
PTHR19242	1.24	1.44	1.17	1	3
PTHR17598:SF1	1	0	1	0	3
PTHR22912	1	1	1	1	3
IPR008547	2.83	2.87	1	0	3
IPR008546	10.12	10.12	0	0	3
IPR010635	1	1	1	0	2
IPR007900	1.52	1.52	0	0	2
IPR010580	1.42	1.42	0	0	2
IPR014009	1.25	1.25	0	0	2
IPR020588	1.04	1.06	1	1	2
IPR001501	2.94	0	2.76	4.45	2
IPR021725	1	0	1	1	2
IPR008832	1.18	1.18	0	0	2
IPR018143	3.88	3.88	0	0	2
PTHR19852:SF8	5	8	1	0	2
PTHR21079	1.33	1.33	0	0	2
PTHR22683:SF30	1.05	1.07	1	0	2
IPR015655	1	1	1	0	2
IPR014051	1.88	2	1.87	2	2
IPR003691	1.51	2.31	1.46	1.52	2
IPR003695	1.51	1.43	1.53	1	2
PTHR12506:SF8	1.4	1.4	0	0	2
IPR001338	4.36	4.36	0	0	2
IPR019176	1.41	1.41	0	0	2
IPR021911	2	2	0	0	2
IPR009244	1.06	1.06	0	0	2
IPR005549	1.21	1.21	0	0	2
IPR013953	1.24	1.24	0	0	2
IPR014981	1.78	0	1.78	0	2
IPR016582	1.02	1	1.02	0	2
IPR002905	1.24	1.46	1	1	2
PF04641	1.93	1.93	0	0	2
IPR004082	9	9	0	0	2
PTHR23323:SF24	1.1	1.1	0	0	2
IPR008656	3.19	3.19	0	0	2
IPR004333	18.25	18.25	0	0	2
IPR005063	6.96	1	7.24	3.75	2
IPR005336	2.84	2.84	0	0	2
PTHR23315	1.4	1.4	0	0	2
IPR011618	1.25	0	1.25	0	2
IPR003605	4.72	4.72	0	0	2
IPR007770	13.57	13.57	0	0	2
IPR007774	1.04	0	1.04	0	2
IPR000293	1.3	2	1.22	0	2
IPR021039	1.05	1.4	1	0	2
PF12430	1.31	1.31	0	0	2
IPR005660	1.81	1	1.81	2.75	2
IPR015285	1.06	1.09	1	1	2
IPR015135	1.5	1.5	0	0	2
IPR015136	1.5	1.5	0	0	2
IPR015137	1.5	1.5	0	0	2
IPR022077	1	0	1	0	2
IPR022075	1.43	1.43	0	0	2
IPR022074	1.23	0	1.23	0	2
IPR006816	2.82	2.82	0	0	2
IPR007981	3.18	0	0	3.18	2
IPR013855	1.32	1.32	0	0	2
PF11144	2.15	1	2.25	0	2
PTHR12616	1	1	0	0	2
PF11856	1.18	0	1.18	0	2
IPR018911	1.1	0	1.1	0	2

TIGR03462	1.98	1	1.94	2.23	2
PTHR23124	5.25	9.5	1	0	2
IPR005037	1.66	1.66	0	0	2
PTHR21568	1.18	1.19	0	1	2
IPR013653	1.89	4.74	1.33	1	2
IPR008427	5.07	5.07	0	0	2
IPR008429	1.8	1.8	0	0	2
PTHR12891	1.17	1.17	0	0	2
IPR016866	1.42	1	1.43	0	2
IPR019513	1.4	1.67	1	1	2
IPR006933	1.96	1.96	0	0	2
IPR000831	1.04	0	1.05	1	2
IPR019604	1.3	0	1.3	0	2
PTHR21483	1.6	1.6	0	0	2
IPR015411	1.23	1.23	0	0	2
IPR018628	1.1	1.1	0	0	2
IPR021994	1.45	4	1.42	1.5	2
IPR021996	2	2	0	0	2
IPR021990	1.48	1.48	0	0	2
IPR006691	7.85	6.62	7.9	6	2
PTHR21737	1	1	0	0	2
PTHR11524	1.73	1.73	0	0	2
IPR000587	1.99	2.33	1.97	1.62	2
IPR010821	1.58	3.75	1.22	1	2
IPR010828	1.72	1.9	1	1	2
IPR001983	1.53	1.53	0	0	2
IPR001985	1.57	1.74	1	0	2
IPR001677	2.41	0	2.41	0	2
IPR004007	1.65	1.5	1.67	1	2
PTHR19852	1.25	1.4	1	0	2
IPR005359	1	1	1	0	2
PTHR21136	1.83	1.83	0	0	2
IPR019525	1.86	1.86	0	0	2
PTHR10483	3.58	3.64	1	0	2
IPR018782	1.43	1.43	0	0	2
PTHR17614	1.09	1.09	0	0	2
PTHR10046	1.41	1	1.44	0	2
IPR022383	1.83	5.68	1.37	1.17	2
PTHR19818:SF9	1.15	1.15	0	0	2
IPR010328	4.15	0	4.15	0	2
IPR002829	1.15	0	1.09	1.26	2
IPR002825	1.16	0	1.18	1.1	2
IPR012897	1.6	1.6	0	0	2
PTHR19264	1.6	1.6	0	0	2
PTHR19269	1.09	1.1	1	0	2
IPR013148	1.36	1.14	1.44	0	2
IPR013143	4.45	4.45	0	0	2
IPR008590	2.24	2.24	0	0	2
IPR008594	1.15	1.15	0	0	2
IPR008595	1.05	0	1.05	0	2
IPR008599	1.12	0	1.12	0	2
IPR005141	2.2	2.48	1	1.91	2
IPR005145	1.03	1.05	1.03	1	2
IPR003315	1.72	1.72	0	0	2
PTHR19446:SF10C	6.72	6.72	0	0	2
IPR008201	1.97	0	1.87	2.94	2
PTHR12380:SF8	1	1	0	0	2
IPR019594	2.6	2.6	0	0	2
IPR021821	1.56	0	1.56	0	2
IPR021827	1.75	1.75	0	0	2
IPR007003	1	0	1	1	2
IPR007002	1.15	0	1.15	0	2
IPR007001	1.45	0	1.45	0	2
IPR012916	1.22	1.22	0	0	2
IPR020391	1	0	1	1	2
PTHR21404	1.06	1.13	1	0	2
PTHR11939:SF35	1	0	1	0	2
IPR002843	1.26	1.41	1.12	1.15	2
IPR018003	1.14	0	1.14	0	2

IPR007684	1.49	0	1.49	0	2
IPR007681	1.12	1.12	0	0	2
PTHR23229:SF13	1.56	1.56	0	0	2
PTHR23224:SF45;	1	1	0	0	2
PTHR23224:SF45;	1.5	1.5	0	0	2
IPR013512	1.04	1.2	1.03	0	2
IPR021322	2	0	2	0	2
IPR004623	1.12	2	1.11	1.25	2
IPR012642	4.83	4.83	0	0	2
IPR001019	7.74	7.74	0	0	2
PF12544	1.2	0	1.21	1	2
IPR002668	1.91	1.75	1.94	0	2
IPR009679	1.12	0	1.12	0	2
PTHR12725	1.28	2	1	0	2
TIGR01640	15.17	15.17	0	0	2
TIGR03083	2.11	0	2.11	0	2
IPR021654	2.83	2.83	0	0	2
IPR000976	2.67	2.67	0	0	2
IPR006720	1.73	1.73	0	0	2
IPR006722	2.15	2.15	0	0	2
PF04271	1.09	0	1.09	0	2
IPR003773	1.09	0	1.1	1	2
IPR001731	1.09	1.29	1.07	1	2
IPR015896	1.06	2.22	1.04	1.06	2
IPR015895	1.07	2.33	1.05	1.08	2
IPR015766	2.67	3.5	1	0	2
PF12357	14.43	14.43	0	0	2
PF12352	1.97	1.97	0	0	2
PTHR10887:SF10	1.36	1.36	0	0	2
IPR015408	1.13	1.13	0	0	2
IPR013890	1.16	1.16	0	0	2
IPR001539	2.39	2	2.4	2.13	2
IPR001534	16.2	26.33	1	0	2
PF08215	1.17	1.17	0	0	2
IPR001282	2.85	4.57	2.64	0	2
PF11103	6.4	0	6.4	0	2
PTHR10725	2	2	0	0	2
TIGR01251	1.22	1.12	2	0	2
IPR009849	22.6	0	22.6	0	2
IPR007443	1.03	0	1.03	1	2
IPR004137	1.6	2	1.57	1.91	2
IPR004139	2.23	2.26	1	0	2
IPR019306	1.24	1.24	0	0	2
IPR008722	1.11	1	1.12	0	2
PF11799	1.14	1	1.15	0	2
PF11796	1	0	1	0	2
IPR002995	1.67	1.7	1.25	0	2
PTHR11952:SF2	1.67	1.67	0	0	2
IPR007604	2.44	2.44	0	0	2
IPR013225	1.26	0	1.24	1.67	2
IPR013593	1.83	1.83	0	0	2
IPR015933	1.33	0	1.33	0	2
IPR019145	1.17	1.17	0	0	2
IPR018810	2.03	2.03	0	0	2
IPR021948	1	0	1	0	2
IPR019491	1.21	1	1.23	1	2
IPR011520	1.62	1.62	0	0	2
PTHR11227	1.56	1.56	0	0	2
IPR009938	3.75	3.75	0	0	2
PTHR11219	1.57	1	1.67	0	2
IPR000597	1.17	2.74	1.02	1	2
IPR004301	2.7	2.7	0	0	2
IPR006052	6.29	7.48	1	0	2
PF09091	1.25	1.25	0	0	2
IPR010941	1.63	1	1.65	1	2
PTHR21148:SF11	1.1	1.1	0	0	2
IPR015814	1.17	1	1.2	1	2
IPR001114	1.13	1.4	1.11	1.02	2
PF12460	1.11	1.11	0	0	2

IPR022025	2.1	3.5	1.75	0	2
IPR004896	1.93	2	1.92	0	2
PTHR11921	1.17	1.51	1.11	1	2
IPR015104	2	2	0	0	2
IPR002499	10.92	10.92	0	0	2
IPR011488	1.13	1.21	0	1	2
IPR010575	1	0	1	0	2
IPR010579	95	95	0	0	2
IPR010684	1.23	1.23	0	0	2
IPR010686	1.45	1.88	1.07	0	2
IPR010683	7.5	7.5	0	0	2
PTHR10342	1	1	1	0	2
IPR007972	2.83	3	1	0	2
IPR013882	1.15	1.15	0	0	2
IPR013881	1.37	1.37	0	0	2
IPR012868	1.03	0	1.03	0	2
IPR011680	1.71	1.71	0	0	2
IPR006862	2.69	7	1.11	1	2
IPR022220	1	0	1	0	2
IPR022229	1.3	1.3	0	0	2
IPR004338	1.55	0	1.55	1	2
IPR004335	2.75	0	2.75	0	2
IPR008862	2.28	2.28	0	0	2
IPR008868	1.29	1	1.3	0	2
IPR006572	1.13	1.13	0	0	2
IPR007196	1.76	1.76	0	0	2
IPR007223	1.08	1.08	0	0	2
IPR013600	11.64	11.64	0	0	2
IPR008417	2.04	2.06	1	0	2
IPR019380	1.43	1.43	0	0	2
IPR021256	2.33	0	2.33	0	2
IPR021848	2.12	3.68	1.15	0	2
IPR018473	1.43	1.43	0	0	2
IPR021844	1.21	0	1.21	0	2
IPR010723	1.71	1.33	1.71	0	2
IPR013550	2	0	2	0	2
IPR021494	1	0	1	0	2
PTHR11552	1.14	1.25	1	0	2
PTHR11550	1	1	1	0	2
IPR009961	6.4	6.4	0	0	2
IPR010258	2.16	1	2.17	0	2
IPR000559	1.12	1.42	1.06	1	2
IPR010879	1.81	0	1.71	4.8	2
PTHR12145	1.1	1	1.2	1	2
PTHR12143	1	0	1	0	2
IPR019261	1.64	2.12	1.1	0	2
IPR004927	1.18	1	1.19	1	2
IPR004926	5.86	6.67	1	0	2
TIGR01470	1.01	1	1.01	1	2
PTHR23233:SF13	1.25	1.25	0	0	2
IPR020821	1.59	1.86	1.12	0	2
IPR000718	3.6	3.6	0	0	2
TIGR02816	1.25	0	1.25	0	2
IPR000710	1.82	0	1.82	0	2
IPR021040	11.2	11.2	0	0	2
IPR015182	1.18	0	1.18	0	2
IPR015184	1.17	0	1.17	0	2
IPR005635	1.21	1.21	0	0	2
IPR005632	1.26	2	1.26	0	2
IPR003102	2.69	2.69	0	0	2
IPR013116	1.09	1.41	1.07	1.21	2
IPR004220	1.16	1	1.16	0	2
IPR018947	1.43	1.43	0	0	2
IPR005172	6.68	6.68	0	0	2
PF11339	1.47	1	1.48	0	2
PTHR22620	2	2	0	0	2
TIGR00402	1.03	0	1.03	0	2
IPR003345	3.4	0	3.4	0	2
IPR006643	4.23	4.23	0	0	2

IPR007112	1.4	1.4	0	0	2
IPR012556	1.46	0	1.46	0	2
IPR002759	1.31	1.49	0	1	2
PD038969	1	0	0	1	2
IPR006988	1.56	1.56	0	0	2
IPR006986	1.83	1.83	0	0	2
PF02750	2.33	2.38	1	0	2
IPR021416	1.14	0	1.14	0	2
IPR022143	10.83	10.83	0	0	2
PTHR21478	1.2	1.2	0	0	2
IPR007836	1.19	1.19	0	1	2
IPR007300	1.43	1.54	1.43	1	2
IPR013524	4.85	4.85	0	0	2
IPR008688	1.23	1.24	1	0	2
IPR005308	2.12	1	2.14	1	2
IPR018533	2.04	2.04	0	0	2
PF12592	1.02	0	1.02	0	2
IPR002650	1.26	1.7	1.08	1	2
IPR002652	2.93	2.93	0	0	2
PTHR17204	1	1	0	0	2
PTHR15201	1.07	1.07	0	0	2
IPR021625	1.72	1.72	0	0	2
IPR005850	1.13	1.22	1.11	1	2
IPR002852	1.23	0	1.26	1.16	2
IPR003187	1.05	1	1.05	0	2
IPR016017	7.52	7.52	0	0	2
IPR013198	1.02	0	1.02	0	2
IPR001769	1.33	0	1.36	1	2
IPR009349	1.17	1.17	1	1	2
PF11629	1.44	1.44	0	0	2
PF11620	1.29	1.29	0	0	2
IPR011126	1.01	1	1.01	0	2
PTHR23246	16.93	19.58	1	1	2
IPR010654	1.93	1	1.94	0	2
IPR019130	1.7	1.7	0	0	2
IPR001568	1.43	2.46	1.02	0	2
IPR021780	3	3	0	0	2
IPR021785	1.44	1.44	0	0	2
IPR021786	1.19	1.19	0	0	2
IPR021876	1	1	0	0	2
IPR021872	1	0	1	0	2
IPR021870	2	2	0	0	2
IPR021878	1.01	0	1.01	1	2
IPR014779	11.48	1	11.57	0	2
IPR007410	1.25	1	1.26	1	2
PTHR12380	1.3	1.3	0	0	2
PF04237	1.4	0	1.4	0	2
TIGR02594	1.18	0	1.18	0	2
PTHR23224:SF466	1	1	0	0	2
IPR006123	12.83	0	12.83	0	2
IPR007657	4.41	4.52	1	0	2
IPR007654	1.2	1.2	0	0	2
IPR003578	8.18	8.18	0	0	2
IPR013258	1.53	1.53	0	0	2
IPR012613	1	1	1	0	2
PTHR13366	1.5	1.5	0	0	2
IPR019197	1.32	1.71	1	0	2
IPR019190	1.17	1.17	0	1	2
IPR018825	1.83	1.83	0	0	2
IPR018820	1.6	1.6	0	0	2
IPR005526	1.06	1	1.06	0	2
IPR005528	6	1	7.25	0	2
IPR015349	1.02	1.3	1.01	0	2
PTHR11850	1.17	1.17	0	0	2
PTHR10066:SF9	1	1	0	0	2
IPR013930	1.14	1.14	0	0	2
IPR013935	1.21	1.21	0	0	2
PTHR14738	1.07	1.07	0	0	2
IPR004353	1.35	1.35	0	0	2

PF10662	1.5	1	1.51	0	2
IPR003038	1.14	1.14	0	0	2
IPR021095	1.67	0	1.67	0	2
IPR021096	1.67	0	1.67	0	2
IPR004595	1.12	1.12	0	0	2
IPR021548	1.2	1	1.21	0	2
IPR012429	1.38	3.62	1.27	1.31	2
IPR007922	1.03	0	1.03	0	2
IPR007926	1.06	1.33	1	0	2
IPR021881	7.29	7.29	0	0	2
IPR008856	1.47	1.5	0	1	2
IPR015679	1	1	1	0	2
PF06276	1.14	1.4	1.13	0	2
TIGR01488	1	0	1	0	2
IPR006955	1.05	1.05	0	1	2
IPR002842	1.28	1.51	1.08	1.07	2
PTHR11246:SF1	1.25	1.25	0	0	2
IPR019569	3.62	3.62	0	0	2
IPR021834	1.01	0	1.01	1	2
IPR012128	8.17	0	8.17	0	2
IPR019564	1.75	1.76	1	0	2
IPR021935	1.33	1.33	0	0	2
IPR021934	3	3	0	0	2
PTHR10185	1.25	0	1.25	0	2
IPR002072	3.43	3.62	1	0	2
IPR007514	1.09	1.09	0	0	2
IPR007511	1.04	1.5	1.01	0	2
PF02363	46.22	46.22	0	0	2
IPR019251	1.46	1	1.47	0	2
IPR005255	1.25	1	1.25	1	2
PF11538	1.18	1.18	0	0	2
PTHR10083:SF14	1	1	1	0	2
IPR007750	15	15	0	0	2
IPR000768	2.35	4.44	1.24	0	2
PTHR21576:SF2	1	1	0	0	2
IPR001144	1.67	1	1.75	0	2
PTHR10492	5.33	5.33	0	0	2
IPR015156	1	0	0	1	2
IPR015152	5.92	5.92	0	0	2
PTHR17204:SF9	1	1	0	0	2
IPR013874	1.34	1.34	0	0	2
IPR013873	1.29	1.29	0	0	2
IPR013872	2.88	2.88	0	0	2
IPR013878	1.82	1.82	0	0	2
IPR013124	1.89	1.89	0	0	2
PF10586	1.77	1.77	0	0	2
PTHR19304:SF4	1.22	1.22	0	0	2
PTHR21541	1.15	1.15	0	0	2
IPR003377	1.99	1.99	0	0	2
IPR007274	3.63	3.67	1	0	2
IPR007271	3.63	3.67	1	0	2
IPR000136	11.38	12.86	1	0	2
IPR012506	1.13	1.32	1.09	0	2
PF12203	5.5	5.5	0	0	2
IPR011087	5.2	0	5.2	0	2
IPR019539	1.21	1.75	1.09	1	2
PTHR10366:SF9	5.56	7.83	1	0	2
IPR002180	1.13	1.08	1.09	1.71	2
PF05119	1.38	2	1.38	0	2
IPR017454	1.33	1.33	0	0	2
IPR014816	1.13	1.32	1.05	1	2
IPR012973	1.25	1.25	0	0	2
IPR012977	1.12	1.12	0	0	2
IPR015284	1	1	0	0	2
IPR021424	1.45	0	1.43	2	2
IPR022192	1.2	1.27	1.04	0	2
IPR007598	6.75	6.75	0	0	2
IPR007594	1.11	1.11	0	0	2
IPR007593	2.95	7.2	1.58	0	2



IPR010809	1.19	1	1.19	0	2
IPR010800	3.91	4.92	1	0	2
IPR003652	2.8	2.8	0	0	2
IPR013579	3.18	3.18	0	0	2
IPR004686	2.18	2.18	0	0	2
IPR018568	1.6	1	1.67	0	2
IPR009500	2.86	2.86	0	0	2
PTHR19446:SF97	17.5	17.5	0	0	2
TIGR01427	1.09	0	1.09	0	2
PTHR14167	1	1	0	0	2
PTHR20936	1.21	1.21	0	0	2
IPR019010	1.38	1.38	0	0	2
IPR019019	1.5	2.71	1	0	2
IPR018763	1.33	0	1.35	1	2
IPR015228	1	1	0	0	2
IPR009073	1.04	1.08	1.03	0	2
IPR010305	2.37	0	2.37	0	2
IPR002800	1.03	2	1.02	1	2
IPR002804	1.06	1.22	1.03	1	2
IPR000407	3.9	4.04	1.8	0	2
PTHR19241	1.8	2	1	0	2
PF12613	1.21	0	1.21	0	2
PF12615	1.46	0	1.46	0	2
IPR005120	1.48	1.48	0	0	2
PF10508	1.64	1.64	0	0	2
PTHR12902	1.94	2.1	1	0	2
PF03825	1.66	1.93	1.63	0	2
IPR000643	3.31	3.64	1.5	0	2
IPR000647	8.62	8.62	0	0	2
IPR007146	2.65	2.65	0	0	2
IPR001593	1.46	1.73	0	1	2
PF06500	1.13	1.46	1.08	1.33	2
IPR012588	1.25	1.26	1	0	2
IPR012580	1.93	1.93	0	0	2
IPR012587	6	6	0	0	2
IPR015059	1	0	1	0	2
IPR015054	2.33	2.33	0	0	2
IPR003854	14.14	14.14	0	0	2
IPR003850	1.02	0	1.02	1	2
IPR014890	2.87	2.87	0	0	2
IPR014896	2.53	2.53	0	0	2
PTHR23139:SF9	1.25	1.25	0	0	2
IPR004191	1.46	2.33	1.2	0	2
PTHR10953:SF4	1.29	1.5	1	0	2
TIGR01007	1.5	0	1.5	0	2
IPR001975	1.32	1.45	0	1.03	2
IPR006179	1	1	1	1	2
IPR010889	1	1	1	0	2
IPR001389	104.67	104.67	0	0	2
IPR001383	1.08	1.19	1.07	0	2
PTHR10827:SF13	1.24	1.25	1	0	2
IPR010412	1.1	0	1.1	0	2
IPR010414	1.28	1.28	1	0	2
IPR014915	1.14	1	1.14	0	2
IPR001982	3.39	7.14	1	1	2
PF05909	1.18	1.18	0	0	2
PTHR12706	1.9	2.04	1.78	0	2
IPR010400	2.04	2.04	0	0	2
IPR000959	3.53	3.53	0	0	2
PF06027	2.33	2.33	0	0	2
IPR007072	1.14	1.43	1.12	1	2
IPR007077	1.1	1	1.1	1	2
IPR000484	3.08	5.8	2.66	0	2
IPR013746	1.32	1.72	1.1	1	2
IPR008571	1.05	0	1.06	1	2
IPR012290	3.5	3.5	0	0	2
IPR000221	1.33	1.33	0	0	2
IPR021538	1	1	0	0	2
PF03535	2	2.14	1	0	2

IPR008399	2.8	2.8	0	0	2
PF12330	1.27	1.27	0	0	2
IPR010628	1.08	1	1.08	0	2
IPR010622	3.17	3.17	0	0	2
PTHR14919	1	1	0	0	2
IPR015500	1.15	1.29	1	0	2
IPR008806	1.28	1.28	0	0	2
IPR008807	3.73	1	3.83	1	2
IPR018156	1.32	1.38	1	0	2
PTHR11472	1	0	1	0	2
IPR011996	3.2	3.2	0	0	2
PTHR23224:SF10	1.22	1.22	0	0	2
IPR007296	1.54	1	1.55	1	2
IPR012318	2.19	1	2.19	0	2
IPR017894	1.34	0	1.35	1	2
PTHR13384:SF1	1.19	1.19	0	0	2
IPR004111	2.95	0	2.95	0	2
IPR019362	2.07	2.36	1	0	2
IPR002222	1.13	2.27	1.01	1	2
TIGR01557	2.43	2.43	0	0	2
PTHR15140	1.34	1.34	0	0	2
IPR021384	1.18	1.18	0	0	2
IPR019167	1.84	1.84	0	0	2
IPR019165	1.07	1.07	0	0	2
PD486863	1.02	0	1.03	1	2
IPR019163	1.23	1.23	0	0	2
IPR015315	1.35	3.25	1.27	0	2
PTHR10663	1.5	1.5	0	0	2
PTHR10661	1	1	0	0	2
IPR009271	28.33	28.33	0	0	2
IPR003458	3.29	0	3.29	0	2
IPR013947	1.15	1.15	0	0	2
IPR007543	1.03	1	1.04	0	2
IPR000533	5.83	6.64	1	1	2
IPR004098	1.23	1.23	0	0	2
IPR008669	1.28	1.28	0	0	2
IPR004323	1.07	1.45	1.03	1	2
IPR004322	1.13	0	1.13	0	2
IPR008664	3.5	3.5	0	0	2
IPR005052	2.67	2.67	0	0	2
IPR002745	1.15	1.23	1.11	1	2
PF11563	1	0	1	1	2
PTHR22908:SF4	1	1	0	0	2
IPR006031	2.8	2.8	0	0	2
IPR007780	1.15	1.06	1.16	0	2
IPR015878	1	1	1	0	2
IPR015877	1.12	1.12	0	0	2
IPR021024	1.1	1.1	0	0	2
IPR021027	1.26	0	1.32	1	2
IPR012479	1.16	1.16	0	0	2
IPR012472	1.93	1.93	0	0	2
PF12445	1	0	1	0	2
IPR005204	8.94	8.94	0	0	2
IPR022042	1.42	1.42	0	0	2
IPR015128	2.2	2.2	0	0	2
IPR015120	1.27	1.27	0	0	2
IPR010516	1.21	1.21	0	0	2
IPR010512	8.71	8.71	0	0	2
PTHR11905	1.25	1.33	1	0	2
PTHR10366	1.24	1.91	1.12	0	2
PF05827	1.78	1.78	0	0	2
PF01305	1	1	1	0	2
PF01306	1.76	1.5	1.78	0	2
PF07466	1.74	4.18	1.15	0	2
PF07464	1.43	1.6	1	1	2
PTHR12596	1.77	1.77	0	0	2
PTHR23258:SF43C	3.83	3.83	0	0	2
PTHR21512	1	1	0	0	2
IPR005900	1.11	1.45	1.01	0	2

IPR015203	1	0	1	0	2
IPR003416	1.59	1.5	1.6	1.3	2
IPR007249	1.21	1.21	0	0	2
IPR000146	1.27	2.16	1.11	1	2
IPR021270	1	0	1	0	2
IPR012533	1.13	1	1.13	0	2
PTHR10617:SF9	1.4	1.67	1	1	2
IPR015621	2	2	0	0	2
IPR019501	1.28	1	1.29	0	2
IPR002736	1.32	1	1.4	1	2
IPR008907	1.94	1.94	0	0	2
PTHR22143	1.33	1.33	0	0	2
PTHR21497	1.29	1.29	0	0	2
IPR018618	1.61	1.61	0	0	2
IPR018619	1.81	1.81	0	0	2
IPR015395	2.72	2.72	0	0	2
PTHR21726	5.57	5.57	0	0	2
IPR010275	1.13	1	1.13	0	2
IPR006419	1.24	1	1.24	0	2
IPR010856	1.1	1.31	1.01	0	2
IPR001996	1.21	0	1.21	0	2
IPR001991	2.97	3.97	2.93	1.27	2
IPR001662	1.7	1.7	0	0	2
IPR015985	1.1	1	1.1	1	2
IPR018553	1.67	1.67	0	0	2
TIGR01456	1.86	1.86	0	0	2
IPR013732	4.57	4.57	0	0	2
PTHR15904	1.71	1.71	0	0	2
PTHR12596:SF2	1.68	1.68	0	0	2
TIGR02163	1.08	0	1.08	0	2
PF06176	1.09	1.67	1.05	0	2
IPR007708	1.12	1.12	0	0	2
IPR000731	1.55	1	1.67	0	2
IPR015211	1.44	1.53	1.28	0	2
IPR015213	1.09	0	1.09	0	2
IPR015216	1.93	1.93	0	0	2
IPR018793	1.14	1.14	0	0	2
IPR005614	2.28	1	2.33	1.72	2
IPR005612	2.93	2.93	0	0	2
IPR005619	1.01	0	1.01	0	2
PTHR10050	1.56	10	1	0	2
IPR013821	3.95	3.95	0	0	2
IPR003127	5.5	5.5	0	0	2
IPR010339	1.93	1.93	0	0	2
IPR002834	1	0	1	1	2
IPR013177	1.1	1.18	1.02	0	2
IPR012889	1.07	0	1.07	1	2
IPR012888	1.05	0	1.05	0	2
IPR000479	8.26	8.26	0	0	2
IPR004207	1.25	2	1	0	2
IPR005152	2.32	2.33	2.31	0	2
PTHR11014	1	1	1	0	2
PTHR13063	1	1	0	0	2
IPR018962	1.95	5.67	1	0	2
PTHR22642	1.16	1.44	1.13	1	2
TIGR02283	1.11	1	1.11	0	2
TIGR02282	1.03	0	1.03	0	2
IPR003327	1.56	1.56	0	0	2
IPR007134	1.09	1.09	0	0	2
IPR020639	1.2	1.38	1	0	2
IPR021149	1.42	1.42	0	1	2
IPR001236	1.82	5.54	1.38	1.17	2
IPR010787	1.06	0	1.06	0	2
IPR000888	1.35	1.5	1.36	1.19	2
IPR012920	1.1	1.1	0	0	2
PF11965	1.57	2	1.52	0	2
PF05205	1.13	1.13	0	0	2
PF05206	1.27	1.32	1	0	2
PTHR22572:SF17	1.05	1	1.04	1.2	2

IPR022123	1.11	0	1.11	0	2
IPR022122	2.54	2.54	0	0	2
PTHR10742:SF33	1	0	1	1	2
IPR007811	1.32	1.32	0	0	2
IPR006497	1.85	0	1.85	0	2
IPR018826	1.33	1.33	0	0	2
PTHR10032:SF67	1.69	1.69	0	0	2
IPR007361	1.82	1.45	1.88	1	2
IPR007369	1.29	1.29	0	0	2
IPR013500	1.16	1.39	1.04	1	2
IPR015344	2.5	0	2.5	0	2
IPR018882	1.83	1.83	0	0	2
IPR005324	1.16	2.78	1.01	1	2
IPR005322	1.8	2.42	1.76	1	2
IPR005329	3.86	3.86	0	0	2
IPR015904	1	1	1	1	2
IPR019283	1.19	0	1.19	0	2
IPR004981	1.19	1.33	1.16	0	2
IPR001001	1.15	2	1.15	0	2
IPR000090	1.21	0	1.21	0	2
IPR002677	1.06	1.31	1.04	0	2
IPR010424	1.1	1.14	1.1	1	2
PTHR10161	1.09	1.14	1	0	2
PTHR10166	1.27	1.38	1	0	2
IPR014944	1.79	0	1.79	0	2
PTHR23110	1.5	1.5	0	0	2
PF11029	1.25	1.25	0	0	2
PTHR20963	1	1	1	0	2
IPR020193	1.04	0	1.04	0	2
IPR021646	2	2	0	0	2
IPR021640	2	2	0	0	2
TIGR02322	1	0	1	0	2
PTHR21601	1.08	1.08	0	0	2
IPR000969	1.23	1.23	0	0	2
IPR003192	2.17	0	2.17	0	2
PF07798	2.15	2.3	1.44	0	2
IPR008509	2.12	2.12	0	0	2
IPR004861	2.19	3.29	1.03	0	2
PTHR12958	2.36	2.36	0	0	2
PTHR15032	1	1	1	0	2
IPR021858	6.14	6.14	0	0	2
IPR007471	1.08	1.33	1.01	0	2
IPR004126	1.67	1.67	0	0	2
IPR019335	1.34	1.34	0	0	2
IPR008719	1.5	0	1.45	2.5	2
PTHR22766	1	1	0	0	2
IPR007679	12.43	12.43	0	0	2
IPR013238	1.13	1.13	0	0	2
IPR013586	1.93	1.93	0	0	2
IPR013585	4.86	4.86	0	0	2
IPR013589	2.11	0	2.11	1	2
PF12533	4.33	4.33	0	0	2
IPR018808	1.53	1.53	0	0	2
IPR015320	1.05	1.29	1	1.02	2
IPR005506	10.43	0	10.43	0	2
IPR013918	1.22	1.22	0	0	2
IPR013914	1	1	0	0	2
PTHR13806	1	1	1	0	2
IPR004378	6.9	0	7.14	1	2
PF02030	1	0	1	0	2
PF10644	1.19	1.19	0	0	2
TIGR02634	1.17	0	1.17	0	2
IPR007009	1.11	1.11	0	0	2
IPR000781	1.75	1.75	0	0	2
IPR009678	1.15	1	1.15	0	2
IPR009677	1.6	0	1.6	0	2
IPR021565	1.24	1.24	0	0	2
IPR022032	2.75	2.75	0	0	2
PTHR13681	1.25	1.25	0	0	2

IPR010543	3.67	3.67	0	0	2
IPR010544	5.25	5.71	2	0	2
IPR013896	1.03	1.03	0	0	2
IPR013892	1.78	1.78	0	0	2
IPR012856	1	1	1	0	2
IPR012857	1	1	1	0	2
IPR021764	1.27	0	1.27	0	2
IPR022232	1.08	1.08	0	0	2
IPR006561	2.79	2.79	0	0	2
IPR003422	1.39	1.39	0	0	2
IPR003428	2.04	2.04	0	0	2
IPR007218	1.37	1.37	0	0	2
IPR007216	1.68	1.68	0	0	2
IPR021243	1.14	1.5	1.13	0	2
IPR020978	3.14	3.14	0	0	2
PTHR12558:SF9	1.12	1.14	1	0	2
PF08320	1.09	1.09	0	0	2
IPR019134	1.23	1.23	0	0	2
IPR019136	1.38	1.38	0	0	2
IPR019137	2.03	2.03	0	0	2
IPR018667	1.05	0	1.05	0	2
IPR005659	1.2	1	1.22	1	2
PTHR15722:SF7	2	2	0	0	2
PTHR15722:SF2	1.25	1.25	0	0	2
IPR002056	1.73	1.73	0	0	2
IPR007537	1.3	1.43	1	1	2
PF04681	2.18	2.18	0	0	2
IPR003191	5.71	5.71	0	0	2
PF03424	1.33	0	1.33	0	2
PTHR19818	1	1	0	0	2
IPR008610	1.11	1.11	0	0	2
IPR008614	1.78	1.82	1	0	2
PTHR21636:SF1	1	1	0	0	2
IPR005021	1.56	1	1.57	0	2
IPR009610	1.86	0	1.86	0	2
IPR009614	1.35	0	1.35	0	2
PTHR15722	1.25	1.25	0	0	2
PTHR21174	1	1	1	0	2
IPR022017	1.63	2.86	1.26	0	2
IPR000704	3.32	3.32	0	0	2
IPR000701	1.88	1.68	1.91	1.85	2
IPR015178	1	0	1	1	2
IPR015179	1	0	1	1	2
IPR015174	1.37	1.37	0	0	2
PTHR10000	1.06	1	1.06	1	2
IPR011419	1.09	1.15	1.03	0	2
IPR011418	1.29	0	1.29	1	2
IPR006745	1.67	1.67	0	0	2
PTHR11061	1	1	1	0	2
IPR004238	5.89	9.9	1.44	0	2
IPR018952	12.1	12.1	0	0	2
PTHR23258:SF46	2.71	3	1	0	2
PF11897	1.11	0	1.11	1.17	2
IPR008000	1.21	1	1.23	0	2
IPR008007	1.83	0	1.87	1.46	2
PTHR21497:SF1	1.29	1.29	0	0	2
IPR015394	2.81	4.22	1	0	2
IPR007295	1.38	0	1.42	1.12	2
IPR007298	1.05	1	1.05	0	2
IPR000118	13.19	13.19	0	0	2
PTHR10907	1	0	1	1	2
IPR015035	1.5	0	1.5	0	2
IPR015036	2	2	0	0	2
IPR003836	1.19	3	1.16	0	2
IPR003835	1.06	1.83	1.05	0	2
IPR014781	3	0	3	0	2
IPR014870	1.97	2.24	1.4	0	2
IPR012956	3.71	3.71	0	0	2
IPR012953	1.17	1.17	0	0	2

TIGR01765	2.5	0	2.65	1.75	2
TIGR01766	2.85	0	3.07	1	2
IPR022171	24.12	0	24.12	0	2
IPR007823	1.12	1.12	0	0	2
IPR007311	1.63	1.87	1	0	2
IPR008698	1.13	1.13	0	0	2
PF03651	1.06	1.06	0	0	2
IPR018504	1.43	0	1.43	0	2
IPR006837	1.05	0	1.05	0	2
IPR019414	1.05	1.05	0	0	2
PTHR23224:SF21	1.5	1.5	0	0	2
IPR004018	8.24	8.24	0	0	2
IPR015248	1.25	1.25	0	0	2
IPR015246	1.37	0	1.37	0	2
IPR015243	1.71	0	1.71	0	2
IPR002311	1.02	1.12	1.02	0	2
TIGR03483	1	0	1	0	2
IPR010369	8.14	8.14	0	0	2
PF09054	1.19	0	1.17	1.33	2
IPR006762	2.33	2.38	1	0	2
IPR000420	15.56	15.56	0	0	2
IPR013180	1.21	1.21	0	0	2
IPR000527	1.17	1	1.17	0	2
IPR005104	1.01	1	1	1.05	2
IPR004907	1.22	1.22	0	0	2
IPR010645	1.07	0	1.07	0	2
IPR004311	10.25	0	10.25	0	2
PTHR23155:SF25	1.25	1.25	0	0	2
IPR000196	1.34	1.56	0	1	2
IPR000193	1.1	1.38	1.09	1	2
IPR021138	1.42	1.62	0	1	2
IPR007404	1.57	0	1.49	2.27	2
PTHR22550	1.19	4	1	0	2
IPR019626	3.31	4.45	3.19	0	2
IPR008769	1.3	0	1.3	0	2
IPR008766	1.4	1	1.41	0	2
PTHR13824:SF29	1.59	1.59	0	0	2
IPR001854	1.06	1.52	1.01	1	2
IPR003543	2	2	0	0	2
IPR007393	1.01	1	1.01	0	2
IPR000013	1.33	0	1.33	0	2
IPR001948	1.52	2.18	1.26	0	2
IPR012606	1.23	1.37	0	1	2
IPR012572	1.25	1.25	0	0	2
PF12500	1	0	1	0	2
IPR018857	1.17	1.17	0	0	2
IPR005530	1.9	0	1.9	0	2
IPR005537	3.98	0	3.88	4.35	2
IPR015373	11.45	12.5	1	0	2
IPR019451	1.2	1.2	0	0	2
IPR019450	1.02	1.18	1	0	2
IPR018588	1.15	0	1.15	0	2
IPR003973	1.71	1.71	0	0	2
IPR014936	1.85	1.85	0	0	2
PF05920	1.45	1.45	0	0	2
PTHR10529:SF6	8.67	12.5	1	0	2
PTHR12187	1.17	1.17	0	0	2
IPR004347	1.97	0	1.97	0	2
IPR006099	2.14	1.5	2.23	1.24	2
PTHR19991	1.71	1.71	0	0	2
IPR008551	1.21	1.66	1.04	1	2
PF06495	1.85	1.85	0	0	2
PTHR13712:SF8	1	1	1	0	2
IPR012416	16.38	16.38	0	0	2
IPR009606	20.43	20.43	0	0	2
IPR009604	1.33	1.33	0	0	2
IPR005189	2.24	2.24	0	0	2
PF12529	1.57	1.57	0	0	2
PTHR14027	1	1	1	0	2

IPR014013	1	1	1	1	2
IPR018705	1.37	1	1.38	0	2
IPR018709	1.95	0	1.96	1.5	2
IPR007931	11.67	11.67	0	0	2
IPR001465	1.28	1.26	1.3	1	2
IPR007792	1.63	0	1.63	0	2
IPR009886	5.31	5.42	1	0	2
IPR010003	1.19	1.19	0	0	2
IPR007489	1.17	0	1.17	0	2
IPR003475	7.92	7.92	0	0	2
IPR019344	1.71	1.71	0	0	2
IPR002798	1.21	1	1.19	1.29	2
IPR013659	4.45	4.45	0	0	2
IPR010768	1.28	0	1.28	1.33	2
IPR010760	1.11	1.11	0	0	2
PTHR21261	7.4	7.4	0	0	2
IPR020941	1.27	1.25	1.27	0	2
IPR012682	3.43	3.43	0	0	2
IPR021900	1.35	1.35	0	0	2
IPR021901	3.06	3.06	0	0	2
IPR021909	4.38	0	4.38	0	2
IPR002910	3	3	0	0	2
IPR003120	1.03	1.03	0	0	2
IPR005073	1.08	0	1.08	0	2
PF05682	2.16	3	1	0	2
IPR007763	1.44	2.05	1.02	0	2
IPR003226	1.31	1.41	1.1	0	2
IPR000754	1.15	2.57	1.01	1	2
IPR015850	1.28	0	1.28	1.17	2
IPR001150	2.92	2	2.95	1	2
IPR001156	7.97	8.19	0	1	2
IPR008336	1.38	1.39	0	1	2
IPR013846	1.3	1.3	0	0	2
IPR015496	1.33	1.33	0	0	2
IPR004268	1.2	1.67	1.2	1	2
PF11864	1.38	1.38	0	0	2
PF11861	1.11	1.11	0	0	2
PF10029	1.07	0	1.07	0	2
PTHR23139	1.2	1.2	0	0	2
PTHR21572	6.83	6.83	0	0	2
PTHR21391	5.07	5.07	0	0	2
IPR007397	7	7	0	0	2
IPR006606	1.32	1.32	0	0	2
IPR006604	13.41	13.41	0	0	2
PF01162	1.07	1.13	1.01	1.74	2
IPR007268	1.37	1.37	0	0	2
IPR013644	1.04	1.3	1.03	0	2
IPR013642	5	5	0	0	2
IPR000128	2.4	2.4	0	0	2
IPR001839	12.42	12.42	0	0	2
IPR021211	1	1	0	0	2
IPR012511	1.67	1.67	0	0	2
IPR011090	1.28	1	1.29	0	2
IPR011099	1.11	1.38	1.07	1	2
IPR019413	1.16	1.16	0	0	2
PF08683	1.88	1.88	0	0	2
IPR021451	2.52	0	2.52	0	2
IPR018632	1.24	0	1.28	1	2
IPR022181	2.6	2.6	0	0	2
IPR022185	2.95	2.95	0	0	2
IPR021989	3	3	0	0	2
PTHR10596:SF115	1	0	1	1	2
IPR011871	2.71	0	2.71	0	2
IPR007873	1.31	1.31	0	0	2
PTHR18806	1	1	0	0	2
IPR013560	1.06	0	1.06	1	2
IPR004033	1.26	1.66	1.21	1.25	2
IPR004031	15.23	15.23	0	0	2
IPR015371	1.4	1.4	0	0	2

IPR019455	1.11	1.97	1.06	1.04	2
PTHR19861	1.17	1.5	1	0	2
IPR019220	1.3	0	1.3	0	2
IPR002692	1.57	2	1.59	1	2
IPR011681	1.53	0	1.58	1	2
IPR011686	1.2	0	1.2	0	2
IPR011685	2	2.17	1	0	2
IPR001409	2.14	2.14	0	0	2
PTHR12553:SF6	1.06	1	1.08	0	2
IPR018779	1.01	0	1.01	0	2
PTHR10074	1.13	1.44	1.05	0	2
IPR008912	1.56	1	1.59	1.14	2
IPR010318	1.48	1.42	1.48	1.67	2
IPR002817	1.1	1.67	1.07	1.39	2
IPR002816	1.31	1.94	1	1	2
IPR002815	1.32	1.33	0	1	2
IPR002813	1.06	1.18	1.06	1	2
IPR013929	1.1	1.1	0	0	2
IPR000412	1	0	1	1	2
PTHR15555	1	1	0	0	2
IPR013153	1.11	0	1.08	2	2
PTHR23036:SF29	1	1	0	0	2
IPR005134	1.15	4.43	1.06	1	2
IPR005131	1.42	1.2	1.42	1	2
IPR018983	1.19	1.19	0	0	2
IPR018984	1.35	0	1.35	0	2
IPR009308	1.04	0	1.04	0	2
IPR009302	1.67	0	1.67	0	2
IPR007135	1.86	1.86	0	0	2
IPR003491	1.4	1	1.4	0	2
IPR004753	1.46	1	1.47	1	2
PTHR21666:SF1	1	0	1	0	2
IPR003302	2.16	2.4	1.25	0	2
PTHR23155:SF10	2.33	2.33	0	0	2
IPR007155	1.11	0	0	1.11	2
IPR007157	1.47	1.62	1.48	1.11	2
IPR007150	1.18	1.18	0	0	2
IPR013317	1.08	0	1.08	0	2
IPR021295	1.18	0	1.18	0	2
IPR019610	1.3	1.3	0	0	2
IPR021832	3.23	3.23	0	0	2
IPR008899	4	4	0	0	2
IPR008895	1.08	1.08	0	0	2
IPR008894	1.26	1	1.28	1	2
IPR003842	11.67	0	11.67	0	2
IPR003848	2.04	1.56	2.06	1	2
IPR014886	2.11	2.14	1	0	2
IPR014885	2.05	2.05	0	0	2
IPR014882	2.31	2.31	0	0	2
PTHR11926:SF2	1.2	1	1.3	0	2
IPR012907	1.64	0	1.64	0	2
IPR012900	7.33	7.33	0	0	2
IPR012901	1.39	1.39	1	0	2
IPR012903	4.47	1	4.54	0	2
IPR021148	6.18	6.18	0	0	2
IPR001233	1.35	1.51	1.37	1.09	2
IPR022102	2.5	2.56	1	0	2
IPR022106	5.2	5.2	0	0	2
PTHR21290	1.83	2	1	0	2
TIGR03309	1.02	0	1.02	0	2
IPR020997	1.67	1.67	0	0	2
IPR003534	5.42	11.71	1.75	0	2
IPR007690	1.2	1	1.2	0	2
IPR007344	1.58	1.2	1.59	1.67	2
IPR007340	1.3	0	1.3	0	2
IPR004619	1.05	1	1.05	0	2
IPR012654	1.03	0	1.03	0	2
IPR001393	2.36	2.36	0	0	2
IPR021314	2.83	0	2.83	0	2



IPR009594	1.8	1.5	1.8	0	2
PF01828	2.55	3.55	1.6	1	2
IPR010407	3.2	3.2	0	0	2
IPR010405	1.48	1.48	0	0	2
PF04044	1.33	1.33	0	0	2
PTHR19845	1	1	1	0	2
PTHR22970	1.25	1.25	0	0	2
IPR005813	1.04	1.54	1.02	0	2
IPR007061	2.98	0	2.98	0	2
IPR007060	1.23	1	1.23	0	2
IPR007062	1.9	1.9	0	0	2
IPR007065	1.23	1.52	1.19	1.2	2
IPR003762	1.1	0	1.1	1	2
IPR001727	2.38	3.41	2.14	1.67	2
IPR001721	1.81	2.21	1.78	0	2
IPR005494	1.56	4	1.55	0	2
IPR013733	3.09	4.29	1	0	2
IPR000235	1.14	2.45	1.01	1	2
IPR008388	1.42	1.42	0	0	2
IPR008383	1.71	1.71	0	0	2
PTHR23264:SF4	1	1	1	1	2
IPR008384	1.19	1.19	0	0	2
PTHR13593	1.21	1.24	1	0	2
IPR008491	1.23	1.23	0	0	2
IPR014021	1	1	1	0	2
PTHR11945:SF36	1.25	1.25	0	0	2
IPR001297	7.89	0	7.89	0	2
IPR001293	1.33	1.33	0	0	2
IPR008813	1.03	0	1.03	0	2
IPR012987	3.29	3.29	0	0	2
IPR006502	13	13	0	0	2
IPR012988	1.85	1.85	0	0	2
IPR007455	1.33	1.33	0	0	2
IPR007452	1.2	1.12	1.2	0	2
PTHR13871:SF2	4.67	4.67	0	0	2
PTHR18934	2.28	2.28	0	0	2
PF10478	1.46	1.46	0	0	2
IPR009464	1.42	1.42	0	0	2
TIGR01098	1.26	0	1.26	1.5	2
PTHR23124:SF7	1.18	0	1.25	1	2
PTHR23124:SF9	2.2	2.5	1	0	2
IPR007613	6.14	6.14	0	0	2
IPR013219	1.12	1.12	0	0	2
IPR001312	9.69	10.51	2	0	2
IPR019156	1.17	1.17	0	0	2
IPR019154	1.65	1.65	0	0	2
IPR019481	1.15	1.15	0	0	2
IPR019482	1.85	1.85	0	0	2
IPR019486	6	6	0	0	2
IPR021973	1	1	1	0	2
PTHR10676	1.36	1.36	0	0	2
IPR018689	1.09	0	1.09	0	2
IPR011531	4.19	4.19	0	0	2
IPR018125	2.81	2.81	0	0	2
IPR013973	1.1	0	1.09	1.2	2
PF07814	1.35	1.35	0	0	2
IPR008670	1.03	0	1.02	1.33	2
IPR012413	4.02	0	4.02	0	2
IPR011434	1.94	0	1.94	0	2
IPR009600	1.28	1.28	0	0	2
PTHR10168	2.82	3.38	1	0	2
IPR007793	1.65	1	1.65	0	2
IPR007797	2.8	2.8	0	0	2
IPR007794	2.6	2.6	0	0	2
IPR012466	1.54	1.54	0	0	2
IPR012464	21.12	21.12	0	0	2
IPR009651	1.03	1.43	1.01	0	2
IPR001102	4.04	4.04	0	0	2
IPR001103	2.44	2.44	0	0	2

IPR022055	1.03	0	1.03	0	2
IPR022056	1.5	1.5	0	0	2
IPR005683	1.2	1.2	0	0	2
IPR008300	2.54	0	2.54	0	2
IPR004884	5.25	3	6	0	2
IPR015117	1.47	3	1.36	0	2
IPR002486	54.5	54.5	0	0	2
IPR002487	46.22	46.22	0	0	2
IPR010561	3.03	3.03	0	0	2
IPR010563	1.26	0	1.26	0	2
IPR010565	1.21	1.21	0	0	2
PTHR10357	1.17	1.67	1	0	2
PTHR10351	1	1	0	0	2
IPR012873	3.05	0	3.05	0	2
IPR012874	4.75	0	1	6	2
IPR007608	14.57	14.57	0	0	2
IPR021747	1.23	1	1.23	0	2
IPR021740	4.27	4.27	0	0	2
IPR022216	1	0	1	0	2
IPR022215	1	0	1	0	2
IPR022211	1.2	1	1.2	0	2
IPR022218	2.67	0	2.67	0	2
IPR006585	1.15	1.15	0	0	2
IPR007182	1.26	0	1.22	1.82	2
IPR001809	1.5	0	1.5	0	2
IPR007233	2.12	2.12	0	0	2
IPR016158	1.08	1.08	0	0	2
IPR008400	4	4	0	0	2
IPR000177	8.38	8.38	0	0	2
PTHR23229	2.12	2.12	0	0	2
PTHR10967	1.43	1.5	1	0	2
IPR015633	1.17	1.17	0	0	2
IPR019395	1.5	1.5	0	0	2
IPR018445	1.14	0	1.13	1.31	2
PF11700	1.21	2.09	1.09	0	2
PF11701	1.17	1.17	0	0	2
IPR005498	1.88	0	1.88	0	2
IPR002729	1.68	0	1.68	1.62	2
IPR003896	1.29	0	1.29	0	2
IPR010716	2.67	2.67	0	0	2
PTHR19432:SF5	1.42	1.42	0	0	2
IPR000814	4.19	4.97	0	2.85	2
IPR001093	1.29	2.03	1.23	1	2
IPR019497	2.15	2.15	0	0	2
PTHR10343:SF10	1.28	1.36	1	0	2
IPR015388	1.5	1.5	0	0	2
IPR009955	1.44	1.44	0	0	2
IPR010261	2.58	4	2.56	0	2
IPR007888	1.86	1.86	0	0	2
PF01745	1.05	1	1.05	0	2
IPR010844	2.71	2.78	1	0	2
IPR018884	3.2	3.2	0	0	2
IPR004394	1.04	1.39	1.01	0	2
IPR005321	1.34	1.17	1.36	1	2
IPR004937	1.26	4.67	1.02	0	2
IPR015908	2.67	2.32	2.83	0	2
IPR011678	1.12	1.12	0	0	2
IPR011677	2.12	2.12	0	0	2
IPR020810	1.21	2.42	1.08	1.11	2
IPR020818	1.38	1.6	1.34	0	2
IPR007710	1.21	1.62	1.19	1.2	2
PTHR11711:SF4	1	1	0	0	2
IPR021056	1.03	1.03	0	0	2
IPR015199	1.01	0	1.01	0	2
IPR006808	1.52	1.52	0	0	2
IPR005600	1	1	0	0	2
PTHR18937:SF13	1.14	1.4	1	1	2
IPR003134	9.24	9.24	0	0	2
PTHR11089	1.08	1.08	0	0	2

MF_00336	1	0	1	0	2
IPR013167	1.12	1.12	0	0	2
IPR000440	1.32	2.72	1.17	1	2
PF04703	1.14	0	1.17	1	2
PTHR22635	1.25	1.25	0	0	2
IPR006678	1.46	1.58	0	1.38	2
IPR003481	1.16	1	1.16	0	2
IPR000680	24.25	0	24.25	0	2
PF11798	1.43	0	1.43	0	2
PF06544	1.26	1.26	0	0	2
IPR012542	2.5	2.5	0	0	2
IPR015012	1.39	1.39	0	0	2
IPR006998	1.14	0	1.14	0	2
IPR006999	1.15	0	1.15	0	2
PTHR10782	1.6	1.6	0	0	2
IPR010791	1.07	1.3	1.04	1	2
IPR014859	1.1	1	1.11	0	2
IPR014857	1.15	1.15	0	0	2
IPR000896	8.11	8.11	0	0	2
PF11979	1.52	1.52	0	0	2
PF03128	2.31	2.42	1	0	2
PTHR11938:SF9	1	0	1	0	2
IPR022159	1.28	1.28	0	0	2
PTHR10032:SF71	1	1	0	0	2
PTHR23224:SF47	1.25	1.25	0	0	2
PTHR23224:SF47	1.2	1.2	0	0	2
IPR013532	2.17	2.17	0	0	2
IPR013530	2.35	2.93	1	0	2
IPR013531	1.89	1.89	0	0	2
IPR013539	1.04	1.58	1.02	1	2
IPR021341	1.64	1	1.66	0	2
IPR012660	1.02	1	1.02	0	2
IPR005337	1.03	1	1.03	0	2
IPR019297	1.03	0	1.03	0	2
IPR019291	1.14	1	1.14	0	2
PF01851	6.41	6.41	0	0	2
IPR019431	1	1	0	0	2
IPR021229	1.38	0	1.36	2	2
IPR010181	2.04	1	2.14	1.17	2
IPR014958	1.37	0	1.26	1.73	2
IPR013988	1.06	1	1.06	0	2
PTHR11731:SF7	1.18	1	1.22	1	2
IPR019680	1.22	1.22	0	0	2
PF12202	3	3	0	0	2
PTHR12294	1.1	1.1	0	0	2
IPR004178	3.16	3.16	0	0	2
IPR004173	1.05	0	1.02	2	2
TIGR03063	1.95	0	1.95	0	2
IPR015264	1	0	0	1	2
IPR015260	1.79	1.79	0	0	2
IPR019343	1.21	1.21	0	0	2
IPR010344	1.38	0	1.38	0	2
IPR010349	1.13	1	1.14	0	2
PF04257	1.04	1	1.04	1	2
IPR002848	1.71	2.24	1	1	2
IPR006748	1.21	1	1.21	0	2
IPR003719	1.59	1.83	1.58	1.1	2
IPR013703	1.01	1	1.01	0	2
IPR013705	1.9	1.9	0	0	2
IPR013706	2.39	2.39	0	0	2
IPR004872	2.07	2	2.07	0	2
IPR000724	2.2	0	2.2	0	2
PTHR23272	1.8	1.8	0	0	2
PTHR23270	1.5	1.5	0	0	2
PTHR23274	1.25	2	1	0	2
PTHR23083:SF21	1.15	1.22	1.12	0	2
PTHR12553	1.12	1.25	1.06	0	2
IPR015097	1.67	1.67	0	0	2
IPR015096	3.4	3.4	0	0	2

IPR015094	1.69	0	1.69	0	2
IPR021840	3.83	3.83	0	0	2
IPR021845	1.66	0	1.66	0	2
PF02935	1.35	1.35	0	0	2
IPR009825	2.31	0	2.29	2.6	2
IPR007466	1.27	1.64	1.25	1	2
IPR019328	1.22	1.22	0	0	2
PF11409	1.24	1.24	0	0	2
IPR007667	1.7	2.41	1.03	0	2
PTHR23224:SF38:	1.2	1.2	0	0	2
IPR004647	1.32	1.44	1.33	1.07	2
IPR015350	1.63	1.63	0	0	2
IPR015351	1.63	1.63	0	0	2
IPR009642	3.3	0	3.3	0	2
IPR018302	1	1	0	0	2
PTHR11865	1	1	0	0	2
PTHR11246	1.21	1.21	0	0	2
IPR013908	1.57	1.57	0	0	2
IPR006075	1.09	1.26	1.03	1.74	2
IPR013164	40	40	0	0	2
IPR003793	1.35	0	1.37	1.07	2
IPR004564	1.25	1	1.25	1	2
IPR012438	13.29	13.29	0	0	2
IPR009662	1.07	0	1.07	0	2
IPR022007	3.33	3.33	0	0	2
IPR022005	1.5	1.5	0	0	2
IPR019774	1.62	3.34	1.21	0	2
IPR009087	1.67	1.67	0	0	2
IPR007293	1.29	0	1.29	0	2
IPR012849	3.12	3.12	0	0	2
PTHR10588:SF26	1.18	1.18	0	0	2
IPR021776	1.14	0	1.14	0	2
PTHR22683	1.27	5	1	0	2
PF09664	1.13	1	1.14	1	2
IPR013085	1.29	1.29	0	0	2
IPR013082	1.09	1.38	1.03	0	2
IPR007206	1.15	1.15	0	0	2
IPR013629	2.2	2.2	0	0	2
IPR013621	2.39	2.39	0	0	2
IPR013627	1.24	1.24	0	0	2
PF11779	1.86	1.86	0	0	2
PF11775	1.08	1	1.09	1	2
IPR002266	2	2	0	0	2
IPR006964	1.38	1.38	0	0	2
PTHR10648	1.56	1.56	0	0	2
PTHR12451	2.12	2.12	0	0	2
IPR020966	6	7.15	1	0	2
IPR020969	4	4	0	0	2
IPR020968	1	0	1	0	2
PTHR23083:SF9	1	0	1	0	2
IPR001346	10.36	10.36	0	0	2
IPR001340	4.09	0	4.09	0	2
TIGR03669	1.25	0	1	1.5	2
IPR021922	2.45	2.45	0	0	2
IPR018653	1.56	0	1.56	0	2
PTHR10194	1.33	1.33	0	0	2
IPR009908	1.28	0	1.28	0	2
IPR009909	8	8	0	0	2
IPR007504	1.1	1.16	0	1	2
IPR013802	1.17	1.5	1.08	0	2
IPR001626	1.82	0	1.84	1.32	2
IPR019249	1.57	0	0	1.57	2
IPR019461	1.05	1.05	0	0	2
IPR005011	1.27	1.27	0	0	2
IPR009571	5.03	5.03	0	0	2
IPR002546	2.65	2.65	0	0	2
TIGR01499	1.47	1.69	1	0	2
PTHR18763	1	1	0	0	2
IPR021068	1.18	0	1.2	1	2

IPR021064	3.33	3.33	0	0	2
IPR015165	1	0	1	0	2
IPR011420	1	1	0	0	2
IPR013865	1.1	1.1	0	0	2
IPR009767	1.17	0	1.17	0	2
IPR003163	1.45	1.45	0	0	2
IPR003164	1.36	1.36	0	0	2
IPR005203	9.26	9.26	0	0	2
IPR018925	1.33	0	1.33	0	2
PF10594	1.8	1.8	0	0	2
PTHR14344	1.18	1.18	0	0	2
PTHR22605	2	2	0	0	2
IPR022246	1	0	1	0	2
IPR022247	2.08	2.08	0	0	2
IPR022242	7.25	7.25	0	0	2
IPR000100	1.02	1	1.02	0	2
IPR001855	9	9	0	0	2
PTHR16091	1.12	1.12	0	0	2
IPR021235	1.48	0	1.5	1	2
PTHR10937	1	0	1	1	2
IPR019544	1.25	1.26	1	0	2
IPR019548	3.61	3.61	0	0	2
IPR002190	3.53	3.53	0	0	2
IPR003829	2.2	2.07	2.26	1	2
IPR014799	2.17	2.17	0	0	2
IPR017444	1.44	3	1.37	1	2
IPR014868	9.62	9.62	0	0	2
PTHR15180	1.29	1.29	0	0	2
IPR000887	1.56	1.5	1.57	1.25	2
TIGR01713	1.14	0	1.14	0	2
IPR022161	1	1	1	0	2
IPR022163	1.06	1.14	1	0	2
IPR022165	4	4	0	0	2
IPR022169	2.68	0	2.68	0	2
IPR006454	5.44	0	1	6	2
IPR007583	2.25	2.25	0	0	2
IPR010812	1.04	0	1.04	0	2
PF07015	1.09	0	1.11	1	2
IPR003669	1.16	0	1.17	1.08	2
PF03667	1.18	0	1.18	0	2
IPR015011	1.1	0	1	1.1	2
IPR018515	1.3	1.3	0	0	2
IPR018513	1.16	0	1.16	0	2
PF05622	2.21	2.21	0	0	2
PF12063	1.35	1.35	0	0	2
IPR006846	1.28	1.36	0	1	2
IPR019387	1.03	1.03	0	0	2
IPR015609	1	1	1	0	2
PTHR12247	1.17	1.17	0	0	2
PTHR20920	1.1	1.1	0	0	2
IPR018227	3.36	3.89	3.35	1.5	2
PTHR23224:SF51	1	1	0	0	2
IPR019006	1	1	0	0	2
IPR021601	1.11	1.11	0	0	2
IPR021600	1.12	1.12	0	0	2
IPR021605	1	1	0	0	2
IPR018752	1.08	0	1.08	1	2
IPR018758	1.15	0	1.15	0	2
IPR015251	1	0	1	0	2
IPR015253	1.67	1.67	0	0	2
IPR005115	2.67	3	2.7	1.96	2
IPR009327	1.11	1.59	1.05	1	2
IPR011104	1.06	1	1.06	1	2
IPR011100	1.11	1.38	1.07	1	2
PTHR23083:SF10	1	1	1	0	2
TIGR02246	1.23	1	1.23	0	2
PTHR23155:SF34	3	3.33	1	0	2
IPR007175	1.3	1.49	0	1	2
IPR007174	1.19	1.19	0	0	2

PTHR15491:SF1	1.83	1.83	0	0	2
TIGR00269	1.1	1	1	1.15	2
TIGR00268	1	0	1	0	2
IPR021105	1.33	1.33	0	0	2
IPR021102	1.78	2.04	1	1	2
PTHR22522	1.38	1.38	0	0	2
IPR019635	1.07	1	1.07	0	2
IPR015041	1.02	0	1.02	0	2
IPR021812	2.05	1	2.07	0	2
IPR021818	4	4	0	0	2
IPR021819	1.25	1.25	0	0	2
IPR007438	1.28	1	1.28	1.47	2
IPR007432	1.05	0	1.05	0	2
IPR007436	1.35	1	1.36	1	2
PTHR10499:SF96	1	0	1	0	2
IPR008752	4	34	1	0	2
IPR004474	2.87	1	2.88	0	2
PTHR23056	2.46	2.46	0	0	2
PTHR22724	1.64	1.64	0	0	2
IPR003745	1.46	0	1	1.6	2
IPR007042	1.39	1.39	0	0	2
PTHR22895	1.14	1.14	0	0	2
IPR010891	1.17	1.33	1.16	0	2
IPR000396	1.1	1.2	1	0	2
PF12577	1.92	1.92	0	0	2
PTHR13384	1.07	1.07	0	0	2
PTHR18964:SF37	1	0	1	0	2
IPR015369	1	1	0	0	2
IPR015361	1	0	1	0	2
IPR019467	1.15	1.15	0	0	2
IPR019468	1.15	1.44	1.13	1	2
IPR010282	1.04	0	1.04	0	2
IPR014907	3	0	3	0	2
IPR014908	1.69	1.69	0	0	2
PF10914	1.65	1.68	1	0	2
PF02078	2	2	0	0	2
IPR007857	2.42	2.51	1	1	2
IPR020220	1.2	0	1.2	0	2
PTHR22724:SF1	1	1	0	0	2
IPR009635	1.46	1.46	0	0	2
IPR006718	14	14	0	0	2
IPR006719	1.75	1.75	0	0	2
IPR006716	1.3	1.32	1	0	2
IPR006712	4.33	4.33	0	0	2
IPR003748	1.72	0	1.52	2.33	2
IPR007049	2.56	0	2.56	0	2
IPR007048	2.1	1	2.11	1	2
IPR007046	1.14	1	1.14	0	2
IPR007044	1.19	1.5	1.17	0	2
PF00256	1.08	1.33	1	2	2
IPR008545	13	13	0	0	2
IPR000218	1.15	2.43	1.01	1	2
IPR000214	1.23	1.2	1.23	0	2
IPR015752	1.25	1.25	0	0	2
PF11643	4	4	0	0	2
IPR010585	1.14	1.14	0	0	1
IPR010581	1	0	1	1	1
IPR010588	1.33	1.33	0	0	1
IPR010630	79.25	79.25	0	0	1
IPR007904	10.5	10.5	0	0	1
IPR007905	1.98	2.1	1	0	1
IPR005128	1.15	1.11	1.17	1.08	1
IPR014003	2.38	2.38	0	0	1
IPR010583	1.64	1	1.65	0	1
IPR021722	1	0	1	0	1
IPR021723	1.9	0	1.9	0	1
IPR002472	2.17	2.17	0	0	1
IPR021891	1.3	1.3	0	0	1
IPR021895	1	1	0	0	1

PTHR21075	1.06	0	1	1.14	1
PTHR11405	1	0	1	0	1
PF04388	1.39	1.39	0	0	1
IPR006698	1.04	0	1.04	1	1
PF09389	1.88	1.88	0	0	1
PTHR18914	1.25	1.25	0	0	1
PTHR12675	1.33	1.33	0	0	1
IPR003469	1.24	1	1.26	1	1
PTHR15892	1.12	1.12	0	0	1
PTHR12320	1.57	1.57	0	0	1
IPR004162	1.33	1.33	0	0	1
IPR002786	1.03	1.1	1.03	1.04	1
IPR002784	1.4	1.49	0	1	1
PF11868	1	0	1	0	1
TIGR01565	11.14	11.14	0	0	1
PTHR21422:SF3	1.86	1.86	0	0	1
PTHR19305	1	1	0	0	1
PTHR21278	1.11	1.11	0	0	1
TIGR02059	19	0	19	0	1
PF09410	1.07	2.5	1.05	1	1
IPR015325	1	0	1	0	1
IPR021958	3.75	0	3.75	0	1
IPR007635	3.17	3.17	0	0	1
IPR007637	1	0	1	1	1
IPR021914	3.43	3.43	0	0	1
IPR021916	9.67	9.67	0	0	1
IPR021910	1.73	1.73	0	0	1
IPR021918	4.43	4.43	0	0	1
IPR005542	2.66	2.66	0	0	1
IPR013959	1	1	0	0	1
IPR009282	1.21	0	1.21	0	1
IPR014983	1.53	0	1.53	0	1
IPR002906	1.26	1.41	0	1	1
PTHR18898	1.56	1.56	0	0	1
IPR004084	3	3	0	0	1
IPR008659	1.13	1.13	0	0	1
PTHR23319	1.33	1.33	0	0	1
PTHR23316	3.38	3.38	0	0	1
PTHR10178:SF10	26.8	26.8	0	0	1
IPR006027	1.82	2.86	1.81	1	1
IPR007771	1.18	0	1.18	0	1
IPR003210	1.1	1.1	0	0	1
PTHR12977:SF1	1.25	1.25	0	0	1
IPR006796	3.55	3.55	0	0	1
IPR006799	1.83	1.83	0	0	1
IPR000744	2.96	3.05	1	0	1
IPR000290	1.87	0	1.87	0	1
IPR000298	2.16	4.67	1.88	1.07	1
IPR021030	1.02	0	1.02	0	1
IPR012481	1	0	1	0	1
IPR012486	1.23	1.23	0	0	1
IPR005661	1.35	0	1.36	1	1
PTHR17695	1.04	1.04	0	0	1
IPR015130	1.38	0	1.38	0	1
IPR015132	2	2	0	0	1
IPR022079	1.83	1.83	0	0	1
IPR022070	2.33	2.33	0	0	1
PTHR11076:SF2	1.08	1.08	0	0	1
IPR013851	4.29	4.29	0	0	1
IPR013859	1	1	0	0	1
IPR007988	4.2	4.2	0	0	1
IPR003158	1.24	0	1.24	0	1
PF05817	1.24	1.25	0	1	1
IPR003154	1.84	3.32	1.08	0	1
IPR016624	1.46	1.22	1.52	1	1
IPR012812	1	1	1	1	1
IPR018912	1.68	0	1.68	0	1
PTHR18895:SF2	1	0	1	0	1
PF05646	1.12	1.12	0	0	1

PTHR21564	1.73	1.73	0	0	1
PTHR21383	1.09	1.09	0	0	1
PTHR13872:SF2	1.11	1.11	0	0	1
IPR003394	1.49	0	1.49	0	1
PTHR15818	1.03	1.03	0	0	1
IPR001820	2.39	2.68	1.14	0	1
IPR013381	1.1	0	1.11	1	1
IPR007258	1.52	1.52	0	0	1
IPR013652	3	3	0	0	1
IPR012386	1.12	1.19	1	1	1
IPR008283	1.36	4.54	1.17	1	1
PTHR10943	1	1	0	0	1
IPR009772	1.18	1.18	1	0	1
IPR009486	1.23	1.33	1.2	0	1
IPR019518	2.5	2.8	1	0	1
IPR019519	1.12	1.12	0	0	1
IPR019514	1.45	1.45	0	0	1
IPR006931	1.45	1.45	0	0	1
PF10132	1	0	1	0	1
IPR014839	1.38	1.38	0	0	1
IPR014830	2.63	2.63	0	0	1
PF11261	2.2	2.2	0	0	1
IPR020317	1.03	0	1.03	0	1
IPR015050	1.04	0	1.04	0	1
PTHR21485	1	0	1	0	1
PTHR21489	1	1	0	0	1
PF09975	1.03	0	1.03	1	1
IPR015417	3.58	0	3.58	0	1
IPR021999	2.57	2.57	0	0	1
IPR021992	1.32	0	1.32	0	1
IPR007864	1.15	0	1.15	1	1
IPR010824	1.01	0	1.01	0	1
PTHR12176	1.41	1.76	1.2	0	1
IPR019233	1.05	0	1.06	1	1
IPR019230	1.04	0	1.04	0	1
IPR005350	1.57	0	1.57	0	1
IPR018545	1.69	1.69	0	0	1
IPR009523	2.83	2.83	0	0	1
IPR009528	1	0	1	0	1
IPR002516	2.44	7.3	1.42	1	1
PTHR23427	1.33	0	1.33	0	1
TIGR01447	1	0	1	0	1
IPR006873	10.71	12.33	1	0	1
IPR019526	1.37	1.37	0	0	1
IPR019038	1.58	1.58	0	0	1
IPR019783	1.35	1.58	0	1	1
PTHR21678	1.27	1.27	0	0	1
IPR018783	1.78	1.8	0	1	1
IPR008900	1.34	1	1.38	1	1
IPR010324	1	0	1	1	1
IPR000465	1.89	1.91	1	0	1
PTHR19265	1.33	1.33	0	0	1
IPR013147	2.14	2.14	0	0	1
IPR013146	4.83	4.83	0	0	1
PD117379	1.02	0	1.02	0	1
IPR008592	3	0	3	0	1
IPR005143	2.42	1	2.42	0	1
IPR018998	2.03	2.07	1	0	1
IPR009319	1.18	0	1.18	0	1
IPR009318	6.95	6.95	0	0	1
IPR009317	1.14	0	1.14	1	1
PF11699	1.23	1.23	1.25	0	1
PD015242	2	2	0	0	1
PTHR22655	2	2	0	0	1
PTHR22652	1.6	1.6	0	0	1
IPR003317	1.56	1	1.56	1	1
IPR003319	1.32	1.67	1	0	1
PTHR12277:SF9	1.1	1.17	1.07	0	1
IPR000663	3.67	3.67	0	0	1



IPR001209	1.21	2.16	1.12	1.02	1
IPR021285	1	0	1	0	1
IPR021280	1.31	2	1.27	0	1
PTHR16048	2.47	2.47	0	0	1
PF06296	1.31	0	1.31	0	1
IPR015075	1.08	1.2	1.05	0	1
IPR015076	2	2	0	0	1
IPR021826	1	0	1	0	1
IPR019062	1	0	1	0	1
IPR003783	1.12	1.56	1.12	0	1
PTHR14885	1.15	1.15	0	0	1
IPR012911	3.19	3.19	0	0	1
PTHR15741:SF15	1	1	0	0	1
PF11959	1.09	0	1.1	1	1
PTHR21405	1	1	1	0	1
IPR022136	1.75	1.75	0	0	1
IPR022135	4.5	4.5	0	0	1
IPR022132	1.24	1.24	0	0	1
IPR022130	4	4	0	0	1
PF04250	1.01	0	1.01	1	1
IPR002840	1.11	1.2	1.21	1.03	1
IPR020989	1.6	1.6	0	0	1
IPR020988	1.06	1	1.04	1.36	1
IPR020980	1	0	1	0	1
IPR020983	5	5	0	0	1
IPR003502	4.09	4.09	0	0	1
IPR006481	1.42	0	1.42	0	1
IPR006487	1.91	1	1.92	0	1
IPR007359	1.07	0	1.07	0	1
IPR007353	1.78	1	1.79	1	1
IPR007357	1.01	0	1.01	1	1
IPR012643	1.57	1.57	0	0	1
PF12548	1.78	1.78	0	0	1
PTHR13407	1.33	1.33	0	0	1
IPR002661	1.04	1.34	1.02	0	1
PF12476	1.08	0	1.09	1	1
PD102989	1	0	1	0	1
PTHR15491	1	1	0	0	1
PTHR13895	1	1	0	0	1
PF03318	2.64	2.33	4	0	1
PF03316	2	0	2	0	1
PTHR20957	1.35	1.35	0	0	1
PF08009	1.02	0	1.02	0	1
PTHR23110:SF20	1.12	1.12	0	0	1
IPR018702	1.21	1	1.21	1.29	1
TIGR02688	1	0	1	1	1
TIGR02682	1.08	0	1.1	1	1
IPR021656	1.75	1.75	0	0	1
IPR021657	1	0	1	0	1
IPR011499	1.27	0	1.27	0	1
IPR005809	1	1	1	0	1
IPR010542	3.09	3.09	0	0	1
IPR000975	8.5	8.5	0	0	1
IPR006726	2.34	1.5	2.38	0	1
IPR006723	1.9	1.9	0	0	1
IPR003775	1.11	0	1.11	0	1
IPR003770	1.07	0	1.07	0	1
IPR001737	1.18	1.28	1.15	1	1
IPR017932	1.17	1	1.05	1.55	1
IPR017939	1.46	1.86	1	0	1
IPR016041	2.03	0	1.76	2.54	1
IPR015897	8.65	8.65	0	0	1
IPR013729	1.29	1.29	0	0	1
PTHR16288	1.2	1.2	0	0	1
PTHR15245:SF3	1	1	0	0	1
PTHR15245:SF4	1	1	0	0	1
PF05481	2.25	0	2.25	0	1
IPR009395	1.14	1.14	0	0	1
IPR009398	3.46	3.46	0	0	1

PF12353	1.62	1.62	0	0	1
PF11612	1.1	1	1.11	0	1
PF11619	1.22	1.22	0	0	1
PTHR13610	1.32	2	1	1.14	1
PTHR10887:SF17	1.94	1.94	0	0	1
PTHR21579:SF9	1.09	1.09	0	0	1
IPR010602	1.05	0	1.05	0	1
IPR010608	2.67	2.67	0	0	1
IPR022189	3	3	0	0	1
IPR013893	1.06	1.06	0	0	1
IPR018638	1.17	1	1.16	1.33	1
IPR001531	1.75	1	1.85	1.14	1
TIGR00238	1	1	1	0	1
PTHR21020	1.31	1.31	0	0	1
PTHR10052:SF2	4.71	4.71	0	0	1
IPR011710	1.3	1.3	0	0	1
IPR002160	7	7	0	0	1
PTHR22208	1.18	1.18	0	0	1
IPR009846	1.11	1.11	0	0	1
IPR015495	1.43	1.43	0	0	1
IPR006395	2.04	2	2.05	2	1
IPR012996	4	4	0	0	1
PTHR18929	1.89	1.89	0	0	1
IPR004130	2.47	3.17	2.12	1.22	1
IPR004134	1.48	1.46	1.5	0	1
PTHR13138	1.27	1.27	0	0	1
IPR019304	1	1	1	1	1
IPR019303	1.79	1	1.8	0	1
PTHR15507:SF1	1.25	1.25	0	0	1
IPR009455	1.5	1.5	0	0	1
PF11795	1	0	1	0	1
PF11794	1.36	0	1.26	2.25	1
IPR011058	2.57	2.88	1.6	0	1
IPR014263	1.2	0	1.2	0	1
PF11423	1	0	1	0	1
PTHR23088	1.16	1.6	1	0	1
IPR009246	1.08	0	1.08	0	1
IPR009242	1.31	0	1.31	0	1
PTHR15950:SF1	1	1	0	0	1
IPR007607	1.59	0	1.6	1.31	1
IPR007606	3.71	1	4.17	0	1
IPR000054	1.35	1.57	0	1	1
PTHR10891:SF40	1	1	1	0	1
IPR013592	5	5	0	0	1
IPR013599	1.91	1.91	0	0	1
IPR019140	1.42	1.42	0	0	1
IPR019144	1.46	1.46	0	0	1
IPR019147	2.53	2.53	0	0	1
IPR018816	1.25	1.25	0	0	1
IPR019490	1.02	0	1	1.06	1
PTHR10684	1	1	0	0	1
IPR005570	1.14	1.14	0	0	1
IPR003930	3.11	3.11	0	0	1
IPR011526	1.83	1.83	0	0	1
IPR011522	1.27	0	1.27	0	1
PF12568	1	0	1	0	1
PTHR11224	1	1	0	0	1
PTHR11223	1.67	1.67	0	0	1
PTHR18937:SF10	1.17	1.5	1	1.17	1
IPR004603	1.16	0	1.16	1	1
PTHR13815	1.14	1.14	0	0	1
IPR004307	1.28	1.49	1.23	1.11	1
PTHR13589:SF5	1.12	1.12	0	0	1
TIGR03557	1	0	1	0	1
PTHR13029:SF2	1	1	0	0	1
PTHR21079:SF1	1.86	1.86	0	0	1
PTHR21079:SF2	1.44	1.44	0	0	1
IPR007015	1.5	1.5	0	0	1
IPR000791	1.41	2.97	1.09	1.23	1

PF09540	2.11	0	2.11	0	1
IPR015810	1	0	1	0	1
IPR012452	2.78	0	2.78	0	1
IPR009648	1.05	0	1.05	0	1
PF12469	1.11	0	1.02	1.31	1
PF12465	1.6	1.6	0	0	1
PF12466	1	0	1	0	1
IPR022023	1.19	1.19	0	0	1
IPR022026	1.23	0	1.23	1.33	1
IPR004895	3.44	3.44	0	0	1
IPR004890	2.17	0	2.17	0	1
IPR015109	1	0	1	0	1
IPR015103	1.86	0	1.86	0	1
IPR015106	7	0	7	0	1
IPR013886	1.2	1.2	0	0	1
IPR013889	1.04	1.04	1	0	1
IPR012861	1.08	0	1.07	1.14	1
IPR012860	1.53	1.53	0	0	1
IPR020086	1	0	1	0	1
PTHR18968:SF3	1	0	1	0	1
IPR021757	1.12	1.12	0	0	1
IPR022222	1.9	0	1.9	0	1
IPR022223	1	0	1	0	1
IPR022221	1	0	1	0	1
PTHR13878:SF1	1	0	1	0	1
PTHR21538	1.25	1.25	0	0	1
IPR008866	1.66	0	1.66	0	1
IPR008869	1.2	1	1.2	0	1
IPR003430	3.03	0	3.21	1.8	1
IPR007224	1.04	1.04	0	0	1
IPR000167	8.89	8.89	0	0	1
IPR019382	1.37	1.37	0	0	1
IPR021255	1.78	2	1.79	1	1
PTHR12270:SF1	3.2	3.2	0	0	1
PTHR10997	1.12	1.12	0	0	1
IPR018476	1.05	0	1.06	1	1
IPR018478	1.01	0	1.01	0	1
PF11710	2.07	2.07	0	0	1
PTHR23116:SF4	1	1	0	0	1
IPR006906	1.49	1.49	0	0	1
IPR006909	1.92	1.92	0	0	1
IPR010727	1.65	0	1.65	0	1
IPR010724	1.61	0	1.61	0	1
PTHR12439	1	1	0	0	1
IPR020322	1	0	1	1	1
PTHR11206:SF7	1	0	1	1	1
PF08319	1.15	1.15	0	0	1
IPR021499	1	0	1	0	1
IPR009960	1.2	1.2	0	0	1
IPR007524	5.17	5.17	0	0	1
IPR007521	1.52	1.52	0	0	1
IPR007523	1.12	1.42	1.02	1.11	1
IPR000554	1.54	1.54	0	0	1
IPR000557	8.33	8.29	10	0	1
IPR000552	1.23	1.39	0	1	1
IPR010872	2.7	0	2.7	0	1
IPR010870	1.8	0	1.8	0	1
PTHR12203:SF12	1	1	0	0	1
PTHR12147	1.43	1.43	0	0	1
PTHR23125:SF18	1.29	1.29	0	0	1
IPR019262	1.12	0	1.12	0	1
IPR019264	3.06	0	3.1	1.25	1
IPR019269	1.22	1.26	1	0	1
IPR015025	1.93	0	1.93	0	1
IPR004925	1.36	0	1.26	2.23	1
IPR009558	1.04	0	1.04	0	1
IPR009554	1.09	0	1.09	0	1
IPR002566	5.5	0	5.5	0	1
IPR013612	3.1	3.1	0	0	1

IPR010111	1.11	1.11	0	0	1
PTHR14488	1.2	1.2	0	0	1
PTHR21143	1.29	1.29	0	0	1
PTHR10992:SF22	1.06	1.1	1	0	1
PF09760	1.16	1.16	0	0	1
IPR020795	1.08	1.08	0	0	1
IPR007724	1.84	1.86	1	0	1
IPR007725	1.3	1.3	0	0	1
IPR001443	5.23	0	5.23	0	1
IPR001442	6.12	6.12	0	0	1
IPR021043	1.4	1.4	0	0	1
IPR005638	1	1	1	0	1
IPR005639	1.11	1	1.12	0	1
PF04712	2.52	2.52	0	0	1
IPR000456	1.05	1.41	1.02	0	1
PF06710	1	0	1	0	1
IPR016097	1.06	0	1.06	0	1
IPR004226	1.41	1.41	0	0	1
IPR005173	2.09	2.09	0	0	1
PTHR13006	2.32	2.32	0	0	1
IPR008035	1	0	1	0	1
PF10064	1.02	0	1.02	0	1
PTHR22621	1.67	1.67	0	0	1
TIGR00407	1	1	0	0	1
IPR019325	1.37	1.37	0	0	1
IPR006979	1.37	0	0	1.37	1
TIGR03170	1.01	0	1.01	0	1
PTHR11624:SF20	1	1	1	0	1
TIGR02469	1	0	1	1	1
PD319978	1.75	1.75	0	0	1
IPR006645	1.3	1.5	1.31	1	1
IPR007115	1.3	1.11	1.32	1.17	1
PF06559	1.03	1	1.03	1	1
PTHR14791	1.83	1.83	0	0	1
IPR013681	4	4	0	0	1
IPR012558	1.5	0	1.5	0	1
IPR009726	1.21	0	1.21	0	1
IPR009720	1.75	0	0	1.75	1
IPR001253	1.37	1.42	0	1.26	1
PD019840	1.33	1.33	0	0	1
PTHR10910	2.92	2.92	0	0	1
IPR015026	1	0	1	0	1
IPR019566	1.2	1.2	0	0	1
IPR015024	2	0	2	0	1
IPR006984	1.27	1.33	0	1	1
PTHR11799	1.33	1.43	1	0	1
IPR003802	1.02	0	1.02	0	1
IPR003801	1.07	0	1.07	1.04	1
PTHR11133	1	0	1	1	1
PTHR11132	3.06	3.06	0	0	1
IPR006701	1.29	1	1.29	0	1
IPR012940	5.57	5.57	0	0	1
IPR012942	1.52	1.52	0	0	1
PF02757	53.67	53.67	0	0	1
PTHR22128	1	1	0	0	1
PTHR12786:SF1	1.08	1.08	0	0	1
IPR022147	1.15	1.75	1.12	0	1
TIGR02511	1	0	1	0	1
IPR007076	1.13	1	1.13	1	1
IPR007838	1.04	1	1.04	0	1
IPR007832	1.26	1.28	0	1	1
PTHR13532	1.41	1.41	0	0	1
IPR015282	10	0	10	0	1
IPR019707	1.71	0	2.25	1	1
IPR001930	1	1	1	0	1
PF07031	1.01	1	1.01	0	1
IPR007307	1.1	1.1	0	0	1
IPR007308	1.12	1.13	1	0	1
IPR007309	1.25	1.29	0	1	1

IPR001684	1.04	1.37	1.02	0	1
IPR001689	1.06	0	1.06	0	1
IPR008687	1.33	0	1.33	0	1
IPR005309	1	0	1	0	1
IPR018539	5.6	5.6	0	0	1
IPR018531	1.35	1.41	1.33	0	1
PF12598	3	3	0	0	1
PTHR13451	1.14	1.14	0	0	1
PF11587	4.33	4.33	0	0	1
IPR006826	2.2	0	2.2	0	1
IPR006820	3.83	3.83	0	0	1
IPR006821	8	8	0	0	1
IPR006828	1.98	1.98	0	0	1
MF_00811	1.01	1	1.01	0	1
PF11009	1.02	0	1.02	0	1
PTHR12266	1.69	1.69	0	0	1
PTHR23224:SF31	1.67	1.67	0	0	1
PTHR10183:SF18	1	1	0	0	1
PTHR21626	1.31	1.31	0	0	1
IPR018739	1.64	0	1.66	1	1
IPR015276	1.33	1.33	0	0	1
IPR015275	1.86	1.86	0	0	1
IPR010351	2.43	0	2.43	0	1
IPR010357	1.57	1.57	0	0	1
IPR002853	1.15	1.17	0	1	1
IPR003188	2.33	0	2.33	0	1
IPR003186	2.03	2.03	0	0	1
IPR003185	1.9	1.9	0	0	1
IPR003183	1.24	0	0	1.24	1
IPR016014	2.11	2.11	0	0	1
IPR016015	2.33	2.33	0	0	1
IPR016018	1.67	0	1.67	0	1
IPR016019	1.33	0	1.33	0	1
IPR017942	6.59	6.59	0	0	1
PTHR10578	1.12	2	1.1	1	1
PF12367	1.08	0	1.06	1.12	1
IPR011120	1.41	1.42	1	0	1
PTHR11624	1	1	1	1	1
IPR010650	1.09	0	1.07	1.83	1
IPR010651	1.62	1.33	1.63	0	1
IPR005138	1.33	0	1.33	0	1
TIGR02229	1.15	0	1.15	0	1
TIGR02917	1.11	0	1.11	0	1
PTHR10483:SF4	9.71	9.71	0	0	1
PTHR13681:SF2	1.5	1.5	0	0	1
IPR001569	1.37	1.6	0	1	1
IPR021120	1.31	1	1.31	1	1
PTHR22093	1.1	1.1	0	0	1
IPR019650	1.06	0	1.06	0	1
IPR021782	3.07	0	3.07	0	1
IPR021875	1	1	0	0	1
IPR021873	1	0	1	0	1
IPR021871	1	1	1	0	1
PF11858	1	0	1	0	1
IPR002136	1.15	2.49	1.02	1	1
IPR007411	1.03	0	1.03	0	1
IPR007415	1.41	0	1.41	0	1
IPR009200	1.2	0	1.18	3	1
PTHR12389	1.16	1.16	0	0	1
IPR008774	4.64	4.64	0	0	1
IPR008778	1.66	1.63	1.7	1	1
PTHR22707	1.5	1.5	0	0	1
PTHR23224:SF46	1.44	1.44	0	0	1
PF07034	1.33	1.33	0	0	1
IPR007301	1.67	0	1.2	2.25	1
IPR003683	1.13	1.62	1	0	1
IPR003684	3.22	0	3.22	0	1
IPR007652	3.55	3.89	1.25	0	1
IPR007653	1.41	1.41	0	0	1

IPR007651	1.59	1.59	0	0	1
IPR007383	1.22	1	1.22	0	1
IPR013527	1.02	1	1.02	0	1
PTHR13369	1.04	1.12	1	0	1
IPR008822	1.52	1	1.53	0	1
IPR018827	2.07	2.07	0	0	1
IPR004658	1.4	0	1.4	0	1
IPR005520	3.77	3.77	0	0	1
IPR005521	5.25	5.25	0	0	1
IPR005527	1.05	2	1.03	0	1
IPR015345	4.27	11.29	1	0	1
IPR010442	4.27	4.27	0	0	1
PTHR10108	1.03	1.14	1	1	1
IPR010449	1.87	1.87	0	0	1
IPR018319	1.17	1	1.18	1	1
MF_01148	1	0	1	0	1
IPR014925	1.35	0	1.35	1.33	1
PTHR11276	1	1	1	0	1
PF07570	1	0	1	0	1
IPR003090	2.15	2.15	0	0	1
IPR003093	3.08	3.27	1	0	1
PTHR10845	1	1	0	0	1
PTHR20985	1.07	1.07	0	0	1
IPR020240	1.03	0	1.03	0	1
PF05545	1.12	0	1.12	0	1
PTHR22930	4.64	4.74	2	0	1
IPR006080	10.88	10.88	0	0	1
IPR006081	1.33	1.33	0	0	1
IPR010933	9.45	9.45	0	0	1
IPR010931	2.67	0	2.67	0	1
PTHR11133:SF2	1	0	1	0	1
IPR000903	2.89	2.92	1	0	1
PTHR13457	1	1	0	0	1
PTHR10044:SF7	1.86	1.86	0	0	1
PTHR10044:SF8	2.86	2.86	0	0	1
PF07332	1.22	1	1.23	0	1
PTHR16453	1	1	0	0	1
IPR009619	1.04	1	1.05	0	1
IPR009611	1.25	1.25	0	0	1
IPR012425	1.52	1	1.53	1	1
PTHR10997:SF18	3.5	3.5	0	0	1
IPR022016	1.11	1	1.12	0	1
IPR011215	1	0	1	0	1
PTHR13660	1.13	1.13	0	0	1
PF05387	2.31	2	0	3.67	1
PF10259	1.1	1.1	0	0	1
PD049902	1.29	0	1.29	0	1
IPR021882	2.33	0	2.33	0	1
TIGR03486	1	0	1	0	1
TIGR03485	1.14	0	1.14	0	1
IPR021706	1	1	0	0	1
IPR009560	1.14	0	1.14	0	1
IPR005956	1.28	1.56	1	0	1
IPR008853	1.93	1.93	0	0	1
IPR009890	1.32	1.32	0	0	1
IPR009899	1.28	0	1.28	0	1
IPR010017	1.05	0	1.05	1	1
PF09670	1.3	0	1.37	1	1
IPR006541	1.76	0	1.76	0	1
IPR007498	2.98	3.57	2.96	0	1
IPR007493	32.86	32.86	0	0	1
IPR007494	1.05	0	1.05	0	1
IPR007496	1.17	2.67	1.04	0	1
PTHR12306	1.12	1.12	0	0	1
IPR004142	3.6	4.22	1.11	0	1
IPR004145	22.73	22.73	0	0	1
IPR019350	1	1	0	0	1
IPR003393	1.4	1	1.5	0	1
IPR009791	3.25	0	3.25	0	1

IPR005238	1.11	1	1.11	1.11	1
IPR009799	1.6	1.6	1.6	0	1
IPR009798	3.43	3.43	0	0	1
PTHR10436	1	1	1	0	1
IPR009424	7.17	7.17	0	0	1
PF12139	1.04	0	1.04	1	1
IPR006954	3.11	3.11	0	0	1
IPR010752	2.14	0	2.14	0	1
IPR020959	1	0	1	0	1
IPR020377	1	0	1	0	1
IPR020374	1	0	1	0	1
IPR019561	1.5	1.78	0	1	1
IPR021939	1.84	1.84	0	0	1
IPR021930	2.05	2.05	0	0	1
IPR009225	1.3	0	1.3	0	1
IPR007515	1.21	1.21	0	0	1
IPR007513	1.7	1.7	0	0	1
IPR007519	1.93	1.93	0	0	1
IPR001088	2.19	1	2.21	1.5	1
PTHR12110	1	0	1	1	1
IPR010607	1.34	0	1.34	0	1
IPR004703	1.79	0	1.79	0	1
IPR019254	1.16	0	1	1.2	1
IPR003400	3.15	1	3.18	1	1
PF11533	1.05	0	1.05	0	1
PF11532	2.75	2.75	0	0	1
PF11530	1	0	1	0	1
IPR011638	1.15	0	1.15	0	1
IPR011636	1.2	0	1.29	1.12	1
IPR011632	12	0	12	0	1
PD740661	1.22	0	1.22	0	1
PTHR21190	1.13	1.13	0	0	1
PD036408	1.14	0	1.14	0	1
IPR013728	3.8	0	3.8	0	1
IPR007759	1.01	0	1.01	0	1
PTHR23155:SF6	1.62	0	1.62	0	1
IPR013443	1.4	0	1.5	1	1
PTHR15696	1.55	1.55	0	0	1
PF12414	5.2	5.2	0	0	1
PTHR10351:SF21	1.48	1.48	0	0	1
IPR004516	1.01	1.2	1.01	1	1
IPR005647	1.06	1.06	0	0	1
IPR005646	1.33	0	1.33	0	1
IPR005640	5.25	5.25	0	0	1
IPR015158	1.13	1.13	0	0	1
IPR022091	1.07	1.08	0	1	1
IPR022095	1	0	1	0	1
IPR022097	3.88	3.88	0	0	1
IPR010527	1.15	0	1.15	0	1
IPR010380	1.63	2	1.62	0	1
IPR010384	1.04	1	1.04	0	1
IPR010385	6.37	0	6.37	0	1
IPR010388	1.29	0	1.3	1	1
IPR010389	1.09	0	1.09	0	1
IPR013876	1.09	1.09	0	0	1
IPR013871	3.38	3.38	0	0	1
IPR013879	1	1	0	0	1
IPR003172	3.93	3.93	0	0	1
PTHR14678	2.25	2.25	0	0	1
PTHR18966:SF2	2	2	0	0	1
IPR018939	1.26	1.27	1	0	1
IPR018937	1.08	1.08	0	0	1
PTHR23140	1.14	1.14	0	0	1
PTHR21625	2.96	2.96	0	0	1
TIGR01129	1.12	0	1.12	0	1
IPR004184	2.05	2	2.06	1	1
PTHR21540	1	1	0	0	1
PTHR21546	1	1	0	0	1
PTHR15836	2.38	2.38	0	0	1

IPR007276	1.25	1.25	0	0	1
IPR000131	1.16	1.75	1.11	1	1
PTHR13252:SF2	1.12	1.12	0	0	1
IPR001848	1.17	2.67	1.02	1.13	1
IPR004728	1.2	1.2	0	0	1
IPR012505	2.64	0	2.64	0	1
IPR012507	1.52	0	1.52	0	1
IPR009714	4.4	4.4	0	0	1
IPR009711	1.29	0	1.29	0	1
IPR001267	1.08	1.83	1.03	1	1
IPR021225	1.61	0	1.61	0	1
IPR018480	1.01	1	1.01	1	1
PF12209	1	1	0	0	1
PTHR13298	1.33	1.33	0	0	1
IPR019530	1.11	1.11	0	0	1
IPR019532	1.32	1.32	0	0	1
IPR019536	2.35	2.35	0	0	1
IPR002767	1.19	1.16	1.2	1.09	1
IPR017452	2.25	2.25	0	0	1
IPR007036	1.87	2.11	1.85	2.3	1
PTHR10342:SF7	1	1	1	0	1
PF11939	1.01	0	1.01	0	1
PTHR21838	1.4	1.4	0	0	1
IPR020484	1.4	0	1.4	0	1
IPR020486	1.05	0	1	1.33	1
PTHR20870	1.35	1.35	0	0	1
PD170898	1.95	0	1.95	0	1
PTHR22795:SF1	1	1	0	0	1
PF08342	1.11	0	1.11	0	1
IPR021425	1	0	1	0	1
IPR022198	6.27	6.27	0	0	1
IPR022196	2.41	0	2.41	0	1
IPR022191	1.56	0	1.56	0	1
IPR006779	2.57	2.57	0	0	1
IPR002856	1.23	0	1	1.26	1
PF09288	1.07	1.07	0	0	1
IPR007840	1.03	0	1.03	0	1
IPR007849	1.12	1.14	1	1	1
IPR010801	1	0	1	0	1
IPR007331	2.8	0	2.8	0	1
IPR007335	1.05	0	1.05	0	1
IPR003650	2.84	2.84	0	0	1
IPR013572	1.47	1	1.48	1	1
IPR013570	1.39	1	1.4	0	1
IPR013571	1.36	0	1.36	0	1
IPR013576	1.7	1.7	0	0	1
IPR004021	8	8	0	0	1
IPR004023	1.37	1.37	0	0	1
IPR004029	1.18	0	1.18	1	1
IPR000308	4.86	4.86	0	0	1
PF03670	1.38	1.45	1	0	1
IPR002683	3.65	15.11	1	1	1
IPR018566	1	0	1	0	1
IPR004978	3	3	0	0	1
IPR009508	1.22	1.22	0	0	1
PF05090	1.24	1	1.22	1.5	1
TIGR01396	1	1	1	0	1
IPR010490	1.15	1.15	0	0	1
IPR022000	1.26	0	1.26	0	1
PTHR13902:SF4	1.67	1.67	0	0	1
IPR001415	2.92	2.92	0	0	1
IPR019013	1.57	1.57	0	0	1
PTHR21654	2	2	0	0	1
IPR018764	1.35	1	1.36	0	1
IPR008525	2	0	2	0	1
IPR015222	1.15	1.16	1	0	1
IPR010551	1.11	0	1.18	1	1
IPR010300	1.22	1.29	1.2	0	1
IPR010301	1.24	1.24	0	0	1



PTHR13768:SF8	1.63	1.63	0	0	1
IPR002809	1.1	1	0	1.11	1
IPR000406	1.73	1.73	0	0	1
PTHR15545	1.12	1.12	0	0	1
PTHR16222	1	0	1	0	1
PTHR12907	1.25	1.25	0	0	1
PTHR23308:SF7	1	1	0	0	1
PTHR15065	1.2	1.2	0	0	1
IPR009346	1.16	1.16	0	0	1
IPR007145	2.81	2.81	0	0	1
IPR021113	3.17	3.17	0	0	1
IPR021112	1.18	0	1.18	0	1
PF06509	1.01	0	1.01	0	1
PTHR16023	1	1	0	0	1
IPR012583	2	2	0	0	1
IPR015051	1.05	1	1.05	0	1
IPR015057	1.43	0	1.43	0	1
PTHR21735	1	1	0	0	1
IPR021802	4.3	4.3	0	0	1
PTHR11161	6	6	0	0	1
PTHR15665	1.06	1.06	0	0	1
IPR014892	1.4	1.44	1	1	1
PTHR23139:SF4	1	1	0	0	1
IPR004190	1.05	2	1	0	1
IPR020404	1.11	0	1.11	0	1
PTHR23068	3	3	0	0	1
IPR022114	4.25	4.25	0	0	1
IPR022111	1	0	1	0	1
PTHR21287	5.92	5.92	0	0	1
PTHR21289	1	1	0	0	1
PTHR11939:SF18	1.44	1.44	0	0	1
TIGR03310	1	0	1	0	1
TIGR03317	1.01	1	1.01	0	1
PTHR19237:SF2	1.31	1.31	0	0	1
PTHR19237:SF3	1.86	1.86	0	0	1
IPR006173	4.9	0	4.9	0	1
PTHR11614:SF9	1	1	1	1	1
IPR000389	2.11	2.86	1.6	2	1
IPR018872	9.43	9.43	0	0	1
IPR015938	3.2	3.2	0	0	1
IPR001380	1.46	1.56	0	1.06	1
IPR021301	1.08	1	1.08	0	1
IPR021303	1	0	1	0	1
IPR004601	1.18	1.08	1.22	1	1
IPR019477	2.31	2.31	0	0	1
IPR019470	1.12	0	1.12	0	1
IPR019473	1.38	1.38	0	0	1
IPR019478	1.15	0	1.15	1	1
PTHR11827	1	1	0	0	1
IPR001800	8	0	8	0	1
IPR010413	1.03	0	1.03	1	1
IPR010415	1.03	1	1.03	0	1
PTHR10151	1	1	1	0	1
IPR014911	1.34	0	1.34	0	1
IPR014919	3.08	0	3.08	0	1
IPR014918	1.07	1	1.07	0	1
IPR013949	1.15	1.15	0	0	1
IPR002615	1.22	1.5	1.15	0	1
IPR020235	1.75	0	1.75	0	1
TIGR00046	1	1	1	0	1
TIGR03535	1	0	1	0	1
PF09812	1.04	1.04	0	0	1
IPR021676	1.17	1	1.17	0	1
IPR021672	1	0	1	0	1
IPR006709	1.36	1.36	0	0	1
IPR006700	1.11	1.5	1.1	0	1
PF04215	1.56	0	1.56	0	1
IPR003751	1.22	0	1.22	0	1
IPR003757	1.25	1.33	1.23	0	1

IPR008570	1.19	1.19	0	0	1
PTHR13683:SF10C	10.33	10.33	0	0	1
IPR005353	1	0	1	1	1
IPR021533	5.48	0	5.48	0	1
IPR008390	7.43	7.43	0	0	1
IPR004830	3.41	0	3.43	3	1
PF12338	4.5	4.5	0	0	1
PTHR13630	1.12	1.12	0	0	1
IPR010627	1.04	1	1.04	0	1
PTHR22847:SF49	1	1	0	0	1
IPR007915	1.24	1.24	0	0	1
PF07049	2	0	2	0	1
PTHR13403:SF6	1.33	1.33	0	0	1
PF08234	1.29	1.32	0	1	1
IPR018155	4.62	4.62	0	0	1
PTHR10499:SF12	1	0	1	0	1
TIGR00975	1	0	1	0	1
IPR008665	1.11	0	1.11	0	1
TIGR00971	1	0	1	0	1
PTHR11474	2.09	2.5	1	0	1
IPR009869	2	2	0	0	1
IPR006512	3.17	0	3.18	2	1
IPR013347	1	0	0	1	1
PTHR12223:SF7	1.33	1.33	0	0	1
PTHR18958:SF80	17.33	17.33	0	0	1
IPR001893	8.9	15.27	1.53	0	1
IPR001894	4.8	4.8	0	0	1
PTHR21726:SF3	2.25	2.25	0	0	1
PTHR21726:SF4	3.17	3.17	0	0	1
PTHR21726:SF5	1	1	0	0	1
PD102758	1.44	0	1.44	0	1
IPR019361	1.09	1.09	0	0	1
IPR019363	1.36	1.38	1	0	1
IPR019368	1.14	1.14	0	0	1
IPR005234	1.05	0	1.05	1	1
PF05706	1.75	2.38	1.12	0	1
PF12105	1	0	1	0	1
PF12109	1.38	1.38	0	0	1
PTHR21209	1.25	1.25	0	0	1
PTHR21205	1	1	0	0	1
IPR000079	4.58	4.58	0	0	1
IPR019162	1.45	1.45	0	0	1
PD052969	1	0	1	0	1
IPR019168	1.4	1.4	0	0	1
IPR008106	10.2	0	10.2	0	1
IPR015316	1	1	0	0	1
IPR015310	1.58	1.58	0	0	1
IPR015311	1.44	1.44	0	0	1
IPR021967	1.09	1.09	0	0	1
IPR021969	1.17	1	1.17	0	1
IPR018698	1.19	0	1.2	1	1
IPR005551	1.16	0	1.16	0	1
IPR009279	1.18	0	1.18	0	1
IPR013944	1.17	1.25	1	0	1
IPR006231	1.25	1	1.25	0	1
IPR007544	1.01	0	1.02	1	1
IPR014994	2.9	0	2.9	0	1
IPR014996	1.24	0	1.24	0	1
IPR014991	1.11	1	1.11	0	1
IPR014992	1.65	0	1.65	0	1
PF04630	1.13	1	1.14	0	1
PTHR13878	1.16	1.77	1.02	0	1
PTHR13872	1.42	1.44	1	1	1
PF03915	2.3	2.47	1.33	0	1
IPR002747	1.06	1	1.07	1	1
IPR014771	2.5	2.5	0	0	1
PTHR23308	1.07	1.07	0	0	1
PTHR23304	2.3	2.44	1	0	1
IPR004156	8.19	8.19	0	0	1

PD049684	1	0	1	0	1
IPR003208	1.42	0	1.42	0	1
IPR003204	1.07	1.07	0	0	1
IPR003206	1.11	0	1.11	0	1
IPR006782	3.11	3.11	0	0	1
IPR006787	1.56	1.56	0	0	1
IPR006786	1.24	1.24	0	0	1
IPR015879	2.5	1	2.6	1	1
IPR021028	1.25	0	1.25	0	1
IPR009783	1.12	1	1.14	1	1
IPR022046	1.24	1.24	0	0	1
IPR022047	1.8	1.8	0	0	1
IPR022043	1.23	1.23	0	0	1
IPR005697	1.03	1	1.03	0	1
IPR015292	1.18	0	1.18	0	1
IPR015295	1	0	1	0	1
IPR015294	1.11	0	1.11	0	1
IPR008312	1.77	0	1.77	0	1
IPR008313	1.22	1.32	1.18	0	1
IPR015125	1.86	1.86	0	0	1
IPR015121	2.17	2.17	0	0	1
PTHR11909	1.42	1.42	0	0	1
PTHR10367	1.14	1.14	0	0	1
IPR007995	3.3	0	3.3	0	1
PF05822	1.58	1.59	1	0	1
PTHR11012	1.17	1.17	0	0	1
IPR003750	1.19	1.28	0	1.03	1
PTHR12595	1.03	1.06	0	1	1
PTHR23329:SF1	1	1	0	0	1
PTHR23258:SF43	2.8	2.8	0	0	1
PF11841	1.7	1.7	0	0	1
PF11844	1.07	0	1.07	0	1
IPR020579	1.04	0	1.04	1	1
IPR003201	2.89	0	2.89	0	1
TIGR02433	1	0	1	0	1
IPR022208	1.09	3	1	1	1
IPR022203	1.12	1.83	1	0	1
IPR022204	1	0	1	0	1
IPR022206	1	0	1	0	1
IPR006590	1.73	1.73	0	0	1
IPR003414	1.09	1.33	1.08	1.22	1
IPR003413	1.13	1	1.13	0	1
IPR007245	1.41	1.41	0	0	1
IPR007244	1.09	1.09	0	0	1
IPR007247	1.22	1.07	1.26	0	1
IPR007246	1.19	1.19	0	0	1
IPR007240	1.31	1.31	0	0	1
IPR021278	1.17	1.17	0	0	1
PD009120	2.6	2.6	0	0	1
IPR009743	2.14	2.14	0	0	1
PTHR10617:SF1	1	0	1	0	1
PTHR13773	1	0	1	0	1
IPR019500	1.7	1	1.71	0	1
IPR006921	1.57	1.57	0	0	1
IPR006927	8.14	8.14	0	0	1
IPR006926	1.43	1.43	0	0	1
IPR006925	1.26	1.26	0	0	1
IPR017483	1.56	0	1.56	0	1
IPR000802	1.24	1.86	1.2	1	1
IPR014826	1.82	0	2.03	1.31	1
IPR017738	1.02	0	1.02	0	1
IPR006737	2.5	2.5	0	0	1
PTHR11019:SF12	1	1	1	0	1
PTHR12419	2	2	0	0	1
IPR020307	1.12	0	1.12	0	1
IPR012510	27	27	0	0	1
IPR021026	1.68	0	1.68	0	1
PTHR21495	1.25	1.25	0	0	1
PTHR21494	1	1	0	0	1

IPR015426	1.52	0	1.52	0	1
IPR018616	1.54	1.54	0	0	1
IPR018617	1.22	1.22	0	0	1
TIGR02578	1	0	1	1	1
IPR015397	3.8	0	3.8	0	1
PTHR21725	1.75	1.75	0	0	1
IPR003767	1.92	1.88	2.01	1	1
IPR009945	1.16	0	1.16	0	1
IPR010279	1.96	1	1.96	0	1
IPR007897	1.44	0	1.44	0	1
IPR017136	1.03	1	1.03	0	1
IPR010853	108.4	0	108.4	0	1
IPR010858	1.03	0	1.03	0	1
PTHR10891:SF8	1.75	1.75	0	0	1
PTHR10891:SF5	1.29	1.31	1	0	1
IPR018556	1.12	1.12	0	0	1
IPR011664	1.36	0	1.36	0	1
PTHR14131	1	1	0	0	1
PD209215	1	0	1	0	1
PTHR13555:SF3	1.56	1.6	1	0	1
PTHR12205	1	1	0	0	1
IPR000468	1.1	0	1.1	1	1
IPR007701	1.59	1.59	0	0	1
IPR007709	1.99	1	2.02	1	1
IPR000730	2.79	2.93	0	2.57	1
PD119161	1.15	0	1.15	0	1
IPR008380	2.94	3.54	1.17	0	1
IPR001463	1.9	0	1.92	1	1
IPR018792	1.63	1.63	0	0	1
IPR018790	1.69	2.97	1.08	0	1
IPR018795	1.39	1.39	0	0	1
IPR005615	1.58	1.66	1.17	0	1
IPR009047	1.24	0	0	1.24	1
IPR010334	1.5	1.5	0	0	1
IPR002830	1.33	1.57	1.32	1.4	1
IPR002835	1.04	0	1.03	1.04	1
IPR013174	1.13	1.13	0	0	1
IPR013175	1.04	1.04	0	0	1
IPR012880	1.23	1.23	0	0	1
IPR012883	1.05	1.05	0	0	1
PTHR15577	1.06	1.06	0	0	1
PTHR10050:SF1	1	0	1	0	1
PTHR10050:SF5	2.6	9	1	0	1
PTHR11697:SF9	8	8	0	0	1
IPR008585	1.72	1	1.74	0	1
PTHR13068	1.14	1.14	0	0	1
IPR018964	1.15	0	1.15	0	1
PTHR23199	2.87	2.87	0	0	1
PF11356	1.24	0	1.24	0	1
PTHR23056:SF4	1.55	1.55	0	0	1
IPR007136	6.13	2.5	6.25	0	1
IPR007139	3.04	4	3.03	0	1
PF00673	1.11	2.06	1.02	1	1
PTHR16055	1.29	1.29	0	0	1
PTHR11632:SF3	1	1	1	0	1
IPR015002	1.5	0	1.5	0	1
IPR015006	1.14	1.14	0	0	1
PD027657	3	0	3	0	1
IPR010780	1.76	0	1.76	0	1
PTHR12496	1.82	1.86	1	0	1
IPR012926	1.71	1.71	0	0	1
PF11967	1	0	1	0	1
IPR004436	1.02	1	1.02	0	1
IPR020384	1	0	1	0	1
IPR020388	1	0	1	0	1
PTHR23011	1.86	1.86	0	0	1
PTHR22572:SF15	1	1	1	1	1
PTHR22854	1	0	1	1	1
IPR022128	1.02	0	1.02	0	1

TIGR02739	1.14	0	1.14	0	1
PTHR22814:SF5	5.83	5.83	0	0	1
IPR007814	2.35	1.5	2.37	2	1
IPR007816	1.48	1	1.49	0	1
PTHR15959	1	1	0	0	1
PTHR10032:SF63	1.41	1.41	0	0	1
IPR001912	1.17	2.27	1.05	1	1
PTHR15921	1.67	1.67	0	0	1
IPR007360	1.05	0	1.05	0	1
PTHR22854:SF2	1	0	1	0	1
IPR000358	1.41	1.63	1.39	1.09	1
IPR018880	1.31	0	1.31	0	1
IPR019287	1	0	1	1	1
IPR004984	1.83	0	1.83	0	1
IPR007509	1	0	0	1	1
IPR005584	1.03	0	1.03	0	1
IPR005586	1.35	1.5	1.35	0	1
IPR002674	1.14	1.23	0	1	1
IPR002678	1.12	1.32	1.1	1.08	1
PF04938	1.12	1.12	0	0	1
PTHR10887:SF7	1.15	0	1.14	1.33	1
IPR010235	1.51	0	1.53	1	1
IPR013991	1	0	1	0	1
PTHR19959:SF22	1.29	1.33	1	0	1
PTHR23116	1	1	0	0	1
PTHR13886	2	2	0	0	1
PTHR12289	1.07	1	1.17	0	1
TIGR01658	1.25	1.25	0	0	1
IPR016905	1.04	0	1.04	0	1
IPR020190	1.14	1.14	0	0	1
PTHR10997:SF9	1.14	1.14	0	0	1
IPR018710	1.02	1	1.02	0	1
IPR021644	1	1	0	0	1
IPR021641	1.2	1.2	0	0	1
IPR021643	1.22	1.22	0	0	1
TIGR02320	1.1	2	1	0	1
PTHR21600	1	1	1	0	1
IPR003195	1.93	1.93	0	0	1
IPR014922	1.85	1	1.86	1.33	1
IPR014923	1.26	1	1.27	1.33	1
IPR006751	1.34	1.34	0	0	1
IPR006752	1.73	0	0	1.73	1
IPR013931	1.28	1.28	0	0	1
PF09024	1	1	0	0	1
IPR003704	1.4	0	2.33	1.17	1
IPR003708	1.05	1	1.05	0	1
IPR001707	1.26	1	1.27	1	1
IPR013711	7.5	7.5	0	0	1
IPR013714	1.15	1.15	0	0	1
IPR008503	2.1	0	2.16	1	1
IPR004288	1.78	0	1.78	0	1
IPR004289	1	1	0	0	1
PTHR12957	1.5	1.5	0	0	1
PTHR10552	1.78	1.78	0	0	1
PF12345	1.05	1	1.06	0	1
PTHR13609	1.46	1.46	0	0	1
PTHR23264	1.14	0	1	1.6	1
IPR010672	1.74	0	0	1.74	1
IPR010673	1.53	0	1.53	0	1
IPR010678	1.18	1.18	0	0	1
PTHR15031	1	1	1	0	1
PF11181	2.33	0	2.33	0	1
PTHR21377	1	1	0	0	1
PTHR21373	1.18	1.18	0	0	1
PTHR21776	1.08	1.08	0	0	1
IPR019674	3.11	0	3.11	0	1
IPR022416	3	3	0	0	1
IPR021855	1.35	2.88	1	0	1
IPR021856	1.21	0	1.21	0	1

IPR021851	1.37	1.81	1.15	0	1
PTHR23402:SF1	1.14	1.14	0	0	1
PTHR21035	1.12	1.12	0	0	1
PTHR21032	1	1	0	0	1
IPR002150	1.18	2	1.17	0	1
IPR009836	3.19	3.43	1	0	1
IPR006384	1.52	2	1.02	0	1
IPR007476	1.11	1	1.11	0	1
IPR007470	1.01	0	1.01	0	1
PTHR15633	1	1	0	0	1
PF07164	1.12	0	1.12	0	1
PF07168	2.67	4.67	1.33	0	1
IPR005297	2.79	0	2.78	3	1
IPR019339	1.64	1.64	0	0	1
PTHR13102	1.33	1.33	0	0	1
IPR009445	1.19	1.19	0	0	1
IPR009444	2.31	0	2.31	0	1
PTHR21233	1.15	1.15	0	0	1
IPR007671	1.42	1.42	0	0	1
IPR007672	1.33	1.33	0	0	1
IPR007676	1.51	1.51	0	0	1
IPR015071	1	0	1	0	1
IPR013588	2.33	2.33	0	0	1
IPR015073	1.03	0	1.03	0	1
PTHR13340	1.24	1.24	0	0	1
IPR001084	7.92	7.92	0	0	1
PF12530	2.08	2.08	0	0	1
PF12537	1.27	1.27	0	0	1
PF12535	1.01	0	1.01	0	1
IPR013666	8.57	8.57	0	0	1
IPR018807	1.44	1.44	0	0	1
IPR018805	1.42	1.42	0	0	1
IPR015327	1.14	1.14	0	0	1
IPR015329	1	0	1	1	1
IPR021954	1.02	1.17	1	0	1
IPR006884	1.84	1.84	0	0	1
IPR005509	1.4	0	1.4	0	1
IPR005501	1.24	1.15	1.24	1	1
PF05040	4.92	4.92	0	0	1
IPR011516	1.06	1.06	0	0	1
IPR011518	2.69	0	2.69	0	1
IPR013910	1.28	1.28	0	0	1
IPR013912	1.08	1.08	0	0	1
IPR013913	1.5	1.5	0	0	1
PTHR12758	2.67	2.67	0	0	1
PTHR10315:SF7	1	1	0	0	1
PTHR10527:SF1	1.43	1.43	0	0	1
PTHR13800	2.81	3.42	1	0	1
IPR019815	1.06	1.33	1.04	0	1
IPR019814	1.06	1.86	1.04	0	1
PTHR23358	1.44	1.44	0	0	1
TIGR03545	1	0	1	0	1
TIGR03544	1.44	0	1.44	0	1
TIGR03548	1	0	1	0	1
TIGR02637	1	0	1	0	1
IPR007000	1.97	2.24	1.2	0	1
IPR003784	1.21	1	1.22	1	1
IPR003785	1.41	1	1.43	1.32	1
IPR000787	1.45	0	1.4	2.55	1
IPR001782	1.16	1	1.16	0	1
IPR004579	1.18	1.18	0	0	1
IPR012446	1.62	1.62	0	0	1
IPR009671	1.25	0	1.25	0	1
IPR001124	6	6	0	0	1
IPR021569	1.02	1.02	0	0	1
IPR021566	2.8	2.8	0	0	1
IPR021567	1.7	1.7	0	0	1
IPR021563	1.9	1.9	0	0	1
IPR022036	2	2	0	0	1

IPR022035	1.45	1.45	0	0	1
IPR022031	1.14	1.14	0	0	1
IPR009095	2	2	0	0	1
IPR007946	1.15	1.15	0	0	1
IPR007943	6.71	6.71	0	0	1
PF11107	1.55	1.55	0	0	1
PTHR12653	1.14	1.14	0	0	1
IPR012852	4.78	5.25	0	1	1
IPR012853	1.31	1	1.31	0	1
PF11812	1.04	0	1.04	0	1
IPR017906	1	1	0	0	1
IPR003506	1	0	1	0	1
IPR020098	1	0	1	0	1
IPR018748	2.11	0	2.11	0	1
IPR021767	1.05	0	1.05	0	1
IPR021765	10.09	10.09	0	0	1
IPR021763	1.14	1.83	1.05	0	1
IPR021760	1.73	0	1.73	0	1
IPR021761	1.5	1.5	0	0	1
IPR022237	1.46	2.5	1.04	0	1
IPR022238	1.12	1.12	0	0	1
PTHR21520	1.13	1.13	0	0	1
PTHR21528	1.38	1.38	0	0	1
IPR008876	1.44	0	1.44	0	1
IPR013665	1.14	1.14	0	0	1
PF04347	1.04	0	1.04	0	1
IPR003425	1.48	3.8	1.45	0	1
IPR016179	7.03	7.03	0	0	1
IPR008468	1.29	1.29	0	0	1
IPR013619	1.48	0	1.48	0	1
IPR008462	1.71	1.12	1.73	1	1
IPR008465	1.71	1.71	0	0	1
IPR021242	1.24	0	1.24	0	1
IPR021245	5.62	0	5.62	0	1
IPR021247	1.66	0	1.67	1	1
IPR008796	2.38	2.38	0	0	1
IPR008794	1.69	1.86	1.67	1.5	1
IPR018468	1.56	1.56	0	0	1
PF11762	1.17	0	1.17	0	1
PF12153	1.43	1.43	0	0	1
TIGR01526	1	0	1	0	1
IPR006973	1.11	1.11	0	0	1
IPR006975	1	0	1	0	1
IPR006978	1.41	0	0	1.41	1
IPR010732	1.77	0	1.77	0	1
IPR012899	2.1	0	2.1	0	1
IPR001377	1.41	1.64	0	1.02	1
IPR019131	2.07	2.07	0	0	1
IPR019132	1.65	1.65	0	0	1
IPR019133	1.43	1.55	1	0	1
IPR021485	1.24	0	1.24	0	1
PTHR15722:SF3	1.1	1.1	0	0	1
IPR021542	1.11	0	1.11	0	1
IPR007539	1.34	0	1.34	0	1
IPR007538	1.52	0	1.52	0	1
IPR007535	1.96	2.54	1.82	0	1
IPR007534	1.06	0	1.05	1.33	1
PF07084	2.36	2.36	0	0	1
IPR019277	1.06	0	1.07	1	1
IPR019271	1.42	0	1.33	1.5	1
IPR005027	4.92	4.92	0	0	1
IPR005026	3.35	3.35	0	0	1
PTHR14494	1	1	0	0	1
PTHR15726	1.17	1.17	0	0	1
PTHR21177	1	1	0	0	1
PTHR11558:SF11	1	0	1	0	1
IPR020784	1	1	1	0	1
IPR021072	15.8	15.8	0	0	1
IPR005621	1.01	0	1.01	1	1

IPR022133	1.03	0	1.03	0	1
PF04188	1.2	1.23	1.13	1	1
IPR013100	1.63	0	1.63	0	1
PF10858	1	0	1	1	1
PF06765	2.17	2.17	0	0	1
IPR018953	1.04	0	1.04	0	1
PF11895	1	1	0	0	1
PF11890	1.01	0	1.01	0	1
PF11893	1.15	0	1.15	0	1
IPR008008	2.22	1	2.38	0	1
PTHR23160	4.32	4.5	0	1	1
IPR009685	1.19	1.19	0	0	1
PTHR22613	1	1	0	0	1
TIGR02487	1.09	1	1.1	1	1
PTHR22619	2.2	2.38	1	0	1
IPR013215	1.09	1.54	1.05	1.06	1
IPR013696	1.51	0	0	1.51	1
IPR013692	1.04	0	1.04	0	1
IPR009733	5.67	5.67	0	0	1
IPR009732	1.1	1	1.1	0	1
IPR014123	1.05	1	1.05	0	1
IPR014788	2	2	0	0	1
IPR014789	1.55	1.55	0	0	1
IPR014874	1.92	0	1.92	0	1
IPR014873	4.05	4.05	0	0	1
IPR014879	1.13	0	1.13	0	1
IPR012959	1.08	1.08	0	0	1
IPR011893	1.88	2.25	1	1.11	1
PF11918	1.4	1.4	0	0	1
IPR015300	1	0	1	0	1
IPR019487	1	1	0	0	1
IPR014740	1	0	1	0	1
PF09934	1	1	1	0	1
PTHR22795	1.25	1.25	0	0	1
PTHR21440	1.88	1.88	0	0	1
IPR005568	1.82	1.82	0	0	1
IPR006196	1.21	1.13	1.22	1.27	1
IPR006195	1.1	1	1.12	1	1
IPR006190	1	0	1	1	1
PTHR15950	1.5	1.5	0	0	1
IPR007313	1.03	0	1.03	1	1
IPR013551	1.02	1	1.02	0	1
IPR013558	3.73	3.73	0	0	1
IPR021360	6.74	0	6.36	15	1
IPR005318	3.67	0	3.67	0	1
IPR005310	1	0	1	0	1
IPR004953	1.95	1.95	0	0	1
PF12052	4.71	4.71	0	0	1
PTHR15904:SF2	1.25	1.25	0	0	1
PF02523	1	0	1	0	1
IPR006838	1.8	2.24	1.03	0	1
PTHR14146	1.77	1.77	0	0	1
PTHR23213:SF27	1.25	1.5	1	0	1
PF10961	1.4	1.4	0	0	1
PTHR12272	1.29	1.29	0	0	1
IPR001437	3.36	1	3.37	0	1
IPR004011	35.5	35.5	0	0	1
TIGR03590	1.03	0	1.03	1	1
IPR021613	3.25	3.25	0	0	1
PTHR21631	1.02	1	1.03	0	1
IPR018740	1.52	1	1.53	0	1
IPR018745	1.67	1	1.69	0	1
IPR015249	1.5	1.5	0	0	1
IPR015247	1.4	1.4	0	0	1
IPR015242	1.04	1.04	0	0	1
PTHR11351	1	1	1	0	1
IPR006761	2.23	2.23	0	0	1
IPR006766	12.88	14.57	1	0	1
IPR002866	1.71	1.71	0	0	1



IPR002864	1.43	5.8	1.17	0	1
IPR003196	1.41	1.41	0	0	1
IPR000424	2.09	1.82	2.11	0	1
IPR010981	2.24	0	2.24	0	1
IPR003730	1.05	2	1.05	0	1
IPR003735	1.73	1	1.74	1	1
PTHR18914:SF1	1	1	0	0	1
IPR000525	1.75	1	1.76	0	1
IPR008081	2.28	2.28	0	0	1
IPR004856	2.08	2.08	0	0	1
IPR005109	2.87	2.93	1	0	1
IPR009686	1.72	1.72	0	0	1
PD334079	1.5	1.5	0	0	1
IPR009359	1.09	1	1.09	1	1
IPR009358	2	0	2	0	1
IPR011111	2.67	2	2.68	0	1
IPR014549	1.09	0	1.09	0	1
PTHR13806:SF9	1.25	2	1	0	1
IPR010648	1.04	0	1.04	0	1
IPR010640	1.34	1.67	1.26	0	1
IPR010644	1.05	0	1.05	1	1
PTHR21344	1.95	1.95	0	0	1
PTHR10074:SF23	2.88	2.88	0	0	1
PTHR23155:SF22	4	4.75	1	0	1
IPR007165	1.18	0	1.19	1	1
IPR007161	1.31	0	1.4	1.17	1
IPR019341	1.13	1.13	0	0	1
IPR021135	1.19	5.91	1.07	1	1
IPR019629	1.31	0	1.31	0	1
IPR019623	1.07	1.07	0	0	1
IPR021798	1.09	0	1.09	1	1
IPR021797	1.11	1	1.12	0	1
IPR021792	3	3	0	0	1
IPR021865	1.17	0	1.17	0	1
IPR021866	1.58	0	1.6	1.25	1
IPR021863	2.54	2.87	1	0	1
PTHR10763	1	1	0	0	1
IPR018285	1	1	0	0	1
IPR009800	3.14	3.14	0	0	1
IPR007403	1.03	0	1.03	1	1
IPR007402	1.12	1.5	1.03	0	1
PTHR18968	1	1	1	1	1
PTHR18905:SF3	3.33	3.33	0	0	1
PTHR18905:SF4	1.14	1.14	0	0	1
PF11997	1.09	1	1.09	0	1
PTHR13179	1	1	0	0	1
PTHR11889:SF3	1.5	0	1.5	0	1
IPR008763	1.05	0	1.05	0	1
PF10485	1.2	1.2	0	0	1
PTHR23048	2.53	2.53	0	0	1
PTHR11695:SF34	1.38	1.53	1	0	1
PTHR22713	1.83	1.83	0	0	1
PTHR22710	2.33	2.33	0	0	1
IPR004901	4.47	6.56	1	1.4	1
IPR006110	1.04	1.28	1.02	1	1
IPR007648	1.75	1.77	1	0	1
IPR003540	1	0	1	0	1
IPR013262	1	1	0	0	1
IPR013260	1.2	1.2	0	0	1
IPR007392	1.62	1	1.65	1.11	1
IPR007398	1	0	1	0	1
PD531162	1.17	0	1.17	0	1
IPR012604	5	5	0	0	1
IPR018850	1.04	1.04	0	0	1
IPR005531	2.68	0	2.68	0	1
IPR019457	1	0	1	0	1
IPR020217	1	0	1	0	1
IPR002085	1.17	1.42	1	1	1
IPR010474	1.53	1.53	0	0	1

IPR010471	3.75	3.75	0	0	1
IPR014932	1.56	1.56	0	0	1
IPR013926	1.11	1.17	0	1	1
PTHR11260	1.25	1.48	1.2	0	1
IPR003021	1.22	1.22	0	0	1
PTHR12764	2.25	2.25	0	0	1
IPR004349	1.33	0	1.27	2	1
IPR004341	1.75	0	1.75	0	1
IPR004340	1.18	1.18	0	0	1
IPR004342	3.28	3.28	0	0	1
TIGR01603	1.32	0	1.32	0	1
IPR008442	1.06	1.06	0	0	1
IPR008441	1.17	1.36	1.08	0	1
PTHR22901	1	0	1	0	1
IPR022346	1.83	1	1.83	0	1
PTHR10241:SF11	1.25	1.25	0	0	1
IPR010906	1.53	0	1.53	0	1
IPR010907	2.2	0	2.2	0	1
IPR010908	2	2	0	0	1
IPR007059	2.12	0	2.16	1	1
IPR013769	5.23	5.23	0	0	1
IPR021087	2.11	0	2.11	0	1
IPR021083	1	1	0	0	1
IPR008555	1.96	2	1	0	1
IPR000200	1.64	0	1.64	0	1
IPR012417	7.57	7.57	0	0	1
PF11651	1.09	0	1.09	0	1
PD056452	1	0	1	0	1
PF04171	1.4	0	1.41	1	1
IPR020040	2.19	3.97	2.02	2	1
PTHR10668:SF5	1.05	1.5	1	1	1
TIGR03491	1.04	0	1.04	0	1
IPR021711	1.6	1.6	0	0	1
PTHR23223:SF21	1.12	1.12	0	0	1
TIGR02457	1	0	1	0	1
IPR008828	1.6	1.6	0	0	1
PTHR21066	4.27	4.27	0	0	1
IPR008826	1.23	1.55	1.05	1	1
IPR006687	1.66	1.66	0	0	1
IPR007486	1.09	0	1.09	0	1
IPR007488	1.37	0	1.37	0	1
IPR003473	1.04	1.25	1.03	1.06	1
IPR010758	1.12	0	1.12	0	1
PTHR12336	5.93	5.93	0	0	1
PTHR12331	2.89	2.89	0	0	1
IPR019348	1.19	1.19	0	0	1
IPR005224	1.04	1.5	1.03	1.12	1
IPR005226	1.04	1.44	1.02	1	1
IPR002794	1.12	1.32	1.03	1	1
PF11751	4.74	0	4.74	0	1
PF12122	1	0	1	0	1
IPR010764	1	1	1	0	1
PTHR14304:SF2	1.5	1.5	0	0	1
PTHR21269	1.08	1.08	0	0	1
IPR021906	1.68	1.68	0	0	1
IPR021905	1	1	0	0	1
PF09983	1.08	2	1.07	0	1
IPR009926	1.06	0	1.06	0	1
PD498860	1	0	1	0	1
IPR007568	9.03	9.03	0	0	1
PF05536	1.59	1.59	0	0	1
PF05534	1.35	0	1.35	0	1
PTHR14194	1	1	1	0	1
IPR011606	1.33	1	1.33	1	1
TIGR03277	1	0	0	1	1
IPR000751	4.17	4.17	0	0	1
PTHR12126:SF1	1.1	1	1.2	0	1
IPR000289	1.33	1.56	0	1	1
IPR015853	1.04	0	1.04	0	1

IPR015857	1	0	1	0	1
IPR015859	1.03	0	1.03	0	1
IPR021005	2	0	2	0	1
IPR021000	1	1	0	0	1
IPR012492	1.42	1.42	0	0	1
IPR001153	4.5	4.5	0	0	1
IPR001152	3.76	3.76	0	0	1
PTHR11076:SF12	1	0	1	0	1
PF12391	1.01	0	1.01	0	1
IPR019710	2.4	0	2.4	0	1
IPR015144	1.08	0	1.08	0	1
IPR022067	4.86	4.86	0	0	1
IPR010533	1.2	1.2	0	0	1
IPR010536	4.14	4.14	0	0	1
IPR012578	1	1	0	0	1
PTHR11968	1.14	1.12	1.2	1	1
IPR012435	3	3	0	0	1
IPR007969	7.91	0	7.91	0	1
PTHR10168:SF16	1.1	1.1	0	0	1
IPR010852	2.25	0	2.25	0	1
PTHR12609	1.16	1.16	0	0	1
IPR002583	1.02	1.12	1.01	0	1
PTHR12603	2.31	2.31	0	0	1
PTHR12601	1.7	1.7	0	0	1
PTHR10795:SF17	7.57	7.57	0	0	1
IPR018907	1	1	0	0	1
PTHR23289	1	1	1	0	1
PF10024	1.13	0	1.13	0	1
PTHR23133	1	0	1	0	1
PTHR23135	1	0	1	0	1
IPR004204	1.76	1.76	0	0	1
PTHR21576	1.14	1.14	0	0	1
PTHR15032:SF2	1.36	1.44	1	0	1
IPR006607	3	3	0	0	1
IPR006608	4.86	4.86	0	0	1
IPR007394	1.02	0	1.02	0	1
PTHR10730:SF1	1.5	1.6	1	0	1
IPR007260	1.15	0	1.15	0	1
IPR007265	1.19	1.19	0	0	1
IPR013390	1.13	0	1.13	0	1
PTHR14398	1.17	1.17	0	0	1
IPR013645	2.44	0	2.44	0	1
IPR013647	1.5	0	1.51	1	1
IPR004711	1.28	0	1.28	1	1
PTHR22985:SF54	1	1	0	0	1
IPR009496	3.75	3.75	0	0	1
IPR009493	1.07	0	1.07	0	1
IPR019690	1.11	0	1.11	0	1
IPR011094	2.33	3	2.33	2	1
PTHR10488	1.58	2.2	1.14	0	1
IPR014112	1.11	1	1.12	0	1
PF11838	1.24	0	1.24	0	1
PTHR10223	1.3	1.3	0	0	1
IPR015013	3	3	0	0	1
IPR014804	2	2	0	0	1
IPR006458	24.14	24.14	0	0	1
PTHR22814:SF14	2.5	2.5	0	0	1
PTHR23110:SF2	1.6	1.6	0	0	1
PF09908	1.26	0	1.26	0	1
IPR015407	2.17	2.17	0	0	1
IPR015409	1.02	1	1.02	0	1
IPR018631	3.97	0	3.41	22	1
IPR018633	1.05	0	1.05	1	1
IPR022182	1	0	1	0	1
IPR021986	1.83	2.7	1.15	0	1
PF12504	5.38	5.38	0	0	1
IPR001050	2.68	2.68	0	0	1
IPR007872	1.97	2	1	0	1
IPR007874	1.02	0	1.02	0	1

IPR007875	3.17	3.17	0	0	1
IPR002993	1.33	1.33	0	0	1
IPR006472	1.23	0	1.23	1	1
IPR010836	1.62	1	1.63	0	1
IPR010835	1.08	1.33	1.08	0	1
IPR000592	1.35	1.58	1	1.02	1
PF07386	1.22	1.78	1.19	0	1
IPR013561	3.18	0	0	3.18	1
IPR019228	1.14	0	1.14	0	1
IPR019224	1.18	0	1.15	1.22	1
IPR019223	1.61	0	1.61	0	1
IPR002691	1.97	1.97	0	0	1
IPR002699	1.29	1.6	1.11	1.11	1
IPR004960	1.98	1	1.98	0	1
PF12000	1.16	0	1.16	0	1
IPR011687	1.27	1.27	0	0	1
PF04955	1.31	1	1.32	0	1
PTHR10432:SF62	1	1	1	0	1
IPR010487	1.15	1.15	0	0	1
IPR010483	1.32	1.32	0	0	1
IPR010152	1.07	0	1.08	1	1
PTHR21103	1.5	1.5	0	0	1
PTHR21104	1.93	1.93	0	0	1
IPR002087	2.97	2.97	0	0	1
IPR019028	3.86	3.86	0	0	1
IPR019024	1.17	1.17	0	0	1
IPR019025	3.6	3.6	0	0	1
IPR015236	1	0	0	1	1
IPR015233	2.12	0	2.12	0	1
IPR015230	1	0	1	0	1
IPR015239	1	0	1	0	1
TIGR03032	1.15	0	1.15	0	1
PTHR21663	1.31	1.31	0	0	1
IPR008910	2.04	0	2.01	2.37	1
IPR009066	1.3	1.3	0	0	1
IPR011442	1.74	1.74	0	0	1
IPR005899	1.3	1	1.31	1	1
IPR014937	1.15	1	1.16	1	1
IPR010315	2.27	0	2.27	0	1
IPR010312	1.05	0	1.05	0	1
IPR013928	1	1	0	0	1
IPR000417	1.09	1.12	1.09	1.06	1
IPR013158	9.42	11.1	1	0	1
PTHR21495:SF1	1.09	1.09	0	0	1
IPR005133	1.24	0	1.21	1.73	1
PTHR13043	1.35	1.35	0	0	1
PTHR23202	1	1	0	0	1
PTHR10534	1.25	1.43	1	0	1
PTHR14095	2.34	2.34	0	0	1
TIGR01198	1.04	1.33	1.01	0	1
PTHR21666:SF4	1.89	0	1.89	0	1
PTHR11129:SF1	1	1	0	0	1
PTHR23155:SF15	3	3	0	0	1
IPR007156	1.27	0	1.27	1.17	1
IPR007152	1.25	0	1.07	1.35	1
IPR021164	3.12	3.12	0	0	1
IPR012599	3.11	3.11	0	0	1
PTHR22501	1.33	1.33	0	0	1
PTHR22506	1.4	1.4	0	0	1
IPR021830	1.19	1	1.2	1	1
IPR021836	1.12	1.04	1.16	0	1
IPR003841	2.36	4.82	2.27	2	1
IPR003844	1.11	1	1.1	1.5	1
IPR014884	1.2	0	1.2	0	1
IPR014881	1.09	1.09	0	0	1
IPR014880	1.6	0	1.6	0	1
IPR012909	1.05	0	1.05	0	1
IPR012906	1.15	0	1.12	1.67	1
PTHR11751:SF10	1	0	1	0	1

IPR004188	1.02	0	1.02	0	1
PTHR11697:SF17	1.67	1.67	0	0	1
PF11946	1.03	0	1.03	0	1
PF11949	1.06	0	1.06	0	1
IPR006160	1.07	0	1.07	0	1
IPR020993	1.14	1.17	1	0	1
IPR007342	1.08	1.22	1.03	0	1
IPR001978	6.62	6.78	1	0	1
IPR018861	2.75	2.75	0	0	1
IPR012652	1.02	0	1.02	1	1
IPR021319	9.57	9.57	0	0	1
IPR001023	1.17	1.33	1.11	0	1
PF12080	1.14	0	1.14	0	1
PF12081	1.07	0	1.07	0	1
IPR010406	1.19	0	1.19	0	1
IPR014960	1.22	0	1.24	1	1
IPR014961	1.45	0	1.45	0	1
IPR014963	1.08	0	1.08	0	1
IPR014968	4.14	0	4.14	0	1
PF11047	1.56	0	1.56	0	1
PTHR11061:SF2	1	1	1	0	1
PTHR10183:SF55	1	1	1	0	1
PTHR18958:SF18:	1	1	1	0	1
IPR021663	2.56	2.56	0	0	1
IPR021662	3.56	3.56	0	0	1
IPR021660	1.02	1.25	1	0	1
IPR021666	1.4	1.4	0	0	1
IPR021665	1.37	1.37	0	0	1
IPR005817	9.68	9.68	0	0	1
IPR006738	2.64	2.64	0	0	1
IPR007069	2.49	1	2.53	1	1
IPR007064	1.24	1.39	1	1.05	1
IPR001722	2.92	2.92	0	0	1
IPR017908	1	0	1	0	1
IPR016054	6.67	6.67	0	0	1
IPR005495	2.1	1	2.1	0	1
IPR000238	1.03	1.21	1.02	0	1
PF06179	1.2	1.2	0	0	1
PTHR12979	1.12	1.12	0	0	1
PTHR12977	1.2	1.2	0	0	1
PD505916	1	0	1	0	1
IPR009383	1.01	1	1.01	0	1
IPR011258	1	1	1	0	1
PF12320	1.01	0	1.02	1	1
IPR008493	1.09	1.09	0	0	1
IPR016755	1.02	1	1.02	0	1
PTHR14898	1.57	1.57	0	0	1
IPR010613	1.13	1.13	0	0	1
PTHR21180:SF2	1	0	1	0	1
PTHR12506	1.14	1.14	0	0	1
PTHR14905:SF2	1.67	2.33	1	0	1
PTHR21582	1.62	1.62	0	0	1
PTHR21059	1.1	1.1	0	0	1
IPR002171	2.25	4.53	2.03	2	1
IPR011987	1.17	1.17	0	0	1
IPR011986	1.38	0	1.37	2	1
IPR009852	1.88	1.92	1	0	1
PTHR19376:SF3	1	1	0	0	1
IPR012980	4.67	4.67	0	0	1
IPR007454	1.05	2.12	1.01	0	1
IPR007450	1.48	1	1.48	0	1
PTHR12341	1.64	1.64	0	0	1
PTHR18939	1.5	1.67	1	0	1
PTHR13129	1.11	1.11	0	0	1
IPR019093	1	0	1	0	1
IPR019092	1.2	0	1.26	1	1
PF12411	1.03	1.06	1.02	0	1
IPR001141	1.45	1.45	0	0	1
IPR019095	1.02	1.02	0	0	1

IPR005643	2.19	2.19	0	0	1
IPR005649	2.38	2.69	1	0	1
IPR007614	10.86	10.86	0	0	1
IPR013218	1.21	1.21	0	0	1
PTHR22908:SF14	1.27	1.27	0	0	1
IPR021392	1.75	1.75	0	0	1
IPR019152	1.2	1.21	1	1	1
IPR019150	1.38	1.38	0	0	1
IPR015304	1.02	0	1.02	0	1
IPR021979	1.06	0	1.06	1	1
PTHR10670	1.5	1.5	0	0	1
IPR018684	1.07	1	1.07	0	1
IPR018683	2.12	0	2.12	0	1
IPR009267	1.04	1	1.04	0	1
IPR005567	1.5	1.5	0	0	1
IPR005565	1.98	1	1.99	0	1
IPR005560	1.68	3	1.65	0	1
IPR002033	1.11	1.82	1.07	1.77	1
IPR018352	9.04	9.04	0	0	1
PTHR11474:SF1	2.42	2.6	1.5	0	1
IPR013975	1.63	0	1.63	0	1
IPR013972	1.39	0	1.39	0	1
IPR013970	1.21	1.21	0	0	1
IPR013971	4.6	0	0	4.6	1
PF05978	3	3	0	0	1
IPR000529	1.05	1.42	1.02	0	1
PF06664	3.59	3.59	0	0	1
IPR004313	1.25	1.62	1.05	0	1
IPR008672	1.42	1.42	0	0	1
IPR008675	2	2	0	0	1
IPR005045	2.32	2.32	0	0	1
PTHR23331	1.38	1.42	1	0	1
PF11575	1.1	0	1.1	0	1
PF11578	1.74	2.68	1.27	0	1
IPR005185	1.9	1.16	2.02	2	1
PTHR14430	1	1	0	0	1
IPR009602	1.48	1.48	0	0	1
IPR010382	1.49	0	1.49	0	1
IPR007282	2.8	2.8	0	0	1
IPR020899	1.36	0	1.36	0	1
IPR017981	1.86	1.86	0	0	1
PTHR12348:SF1	2	2	0	0	1
IPR012461	4.75	6	1	0	1
IPR009655	1	0	0	1	1
PF12452	1.33	3.17	1	0	1
IPR021581	1.14	1.14	0	0	1
IPR022051	1.33	1.67	1.25	0	1
IPR022058	5	5	0	0	1
IPR004888	1.54	1.81	1.11	0	1
IPR004889	1.88	0	0	1.88	1
IPR004882	2.14	2.14	0	0	1
IPR015110	1	0	1	0	1
IPR015111	1.06	0	1.06	0	1
PTHR23154:SF117	1.17	1.33	1	0	1
IPR010562	25.68	25.68	0	0	1
PTHR15326	1.85	1.85	0	0	1
IPR007964	3.12	3.12	0	0	1
PTHR11006	1.2	1.22	1	0	1
IPR012876	12.83	12.83	0	0	1
SM00085	3.29	3.29	0	0	1
PF10019	1.84	2.24	1.62	0	1
PTHR23104	2.56	2.56	0	0	1
PTHR22050	1.71	1.71	0	0	1
PTHR21713	1.6	1.6	0	0	1
IPR009322	1.22	1	1.22	0	1
PTHR22960	1	0	1	0	1
IPR007181	1	0	0	1	1
IPR007230	1.67	1.67	0	0	1
IPR007232	1.43	1.66	1.04	0	1

IPR007239	1.18	1.18	0	0	1
IPR013675	1.02	0	1.02	0	1
IPR013673	2.33	2.33	0	0	1
IPR008407	1.3	0	1.3	1	1
IPR008405	6	6	0	0	1
IPR013679	3.62	4	1	0	1
PF11873	1.08	0	1.08	0	1
PF11709	1.07	1.07	0	0	1
IPR005499	1	0	1	1	1
PTHR21290:SF7	1.07	1.07	0	0	1
IPR002724	1.13	0	1.17	1.07	1
IPR002726	1	0	1	1	1
IPR003893	3.82	3.82	0	0	1
PTHR11702	1	1	0	0	1
IPR010719	1.05	1.43	1.03	0	1
PF10156	1.1	1.1	0	0	1
IPR000817	4.54	4.54	0	0	1
IPR000816	1.15	1.4	1.11	1	1
PTHR12420	1.5	1.5	0	0	1
IPR019148	1.2	1.2	0	0	1
IPR019493	2.69	0	2.69	0	1
IPR015331	1	0	1	0	1
PTHR20837	1.9	1.9	0	0	1
IPR019498	1.5	1.5	0	0	1
IPR021463	1.08	1.08	0	0	1
IPR018607	1.2	1.2	0	0	1
IPR015382	3.5	3.5	0	0	1
IPR015381	1.17	1.17	0	0	1
PTHR11546	1.5	1.5	0	0	1
PTHR12957:SF2	2.2	2.2	0	0	1
PTHR12957:SF3	1.08	1.08	0	0	1
IPR005578	1.55	1.55	0	0	1
IPR010265	1.88	0	1.88	0	1
IPR010269	1.9	0	1.9	0	1
IPR010268	9.17	1	0	9.65	1
IPR005573	1.01	0	1.01	0	1
IPR007881	1.12	1.12	0	0	1
IPR005572	1.05	1	1.05	0	1
IPR010846	1.03	0	1.03	0	1
IPR010845	1.27	0	1.27	0	1
IPR010843	1.03	0	1.04	1	1
PTHR21596:SF5	1.71	1.71	0	0	1
IPR003611	1.55	1	2	0	1
PF07355	1.88	0	1.88	0	1
IPR004060	1.67	1.67	0	0	1
IPR004938	14.29	14.29	0	0	1
IPR004931	5	5	0	0	1
IPR004934	3.21	3.21	0	0	1
PF12038	1.05	1.1	1	0	1
IPR011673	1.02	0	1.02	0	1
IPR011671	1.15	1.15	0	0	1
IPR011670	1.96	0	1.96	0	1
IPR011674	1.44	0	1	1.58	1
PF04984	1.56	1.5	1.56	1	1
PTHR14127	1.7	1.7	0	0	1
PTHR23228:SF13	2.75	2.75	0	0	1
PTHR15741	1.11	1.11	0	0	1
PF01847	1.35	1.36	1	0	1
PTHR23227:SF1	2.67	2.67	0	0	1
IPR005587	1.09	1	1.1	0	1
IPR007711	1.48	0	1.48	0	1
IPR007719	1.32	2.09	1.03	0	1
TIGR02827	1	0	1	0	1
IPR020101	2	2	0	0	1
PTHR10684:SF3	1.29	1.29	0	0	1
IPR021059	1	0	1	0	1
IPR019053	1.51	1.51	0	0	1
IPR019052	1.27	0	1.27	0	1
IPR019059	1.14	0	1.14	0	1

IPR002587	1.32	1.56	1.2	1.3	1
IPR008920	1.04	1	1.04	0	1
IPR013166	1.15	1	1.15	0	1
PTHR19288	1.13	1.4	1	1	1
PTHR19282	1.33	1.33	0	0	1
PTHR15503	3.57	3.57	0	0	1
IPR004215	1.04	0	1.04	0	1
PF03869	1.39	0	1.39	0	1
IPR005165	1.07	0	1.07	0	1
IPR018978	1.09	1.14	0	1	1
PTHR23187	1.88	1.88	0	0	1
PTHR22826:SF19	1.19	1.19	0	0	1
IPR003482	5.97	0	5.97	0	1
IPR003484	1.12	0	1.12	0	1
IPR000687	1.37	1.52	0	1	1
IPR021151	1.55	1.58	0	1	1
IPR012548	1.17	2.6	1.08	0	1
IPR012549	1.59	0	1.59	0	1
IPR012544	1.19	0	1.19	1	1
IPR012547	3.5	2	3.06	19	1
PF12243	1.08	1.08	0	0	1
PTHR13256	1	1	0	0	1
IPR004761	5.57	1	5.63	0	1
IPR015018	1.52	0	1.53	1	1
IPR006996	1.35	1.35	0	0	1
IPR014854	1.45	1.45	0	0	1
PTHR11709:SF2	1.2	1.5	1	1	1
PTHR11124	1.15	1.22	1	0	1
PF10219	1.22	1.22	0	0	1
IPR012935	1.34	1.35	0	1	1
IPR012933	1.84	0	1.8	2.5	1
PF11970	1.59	1.59	0	0	1
PF11975	1.5	0	1.5	0	1
PTHR11938:SF7	1.05	0	1.05	0	1
PTHR12081:SF1	1	1	0	0	1
TIGR00622	1	1	0	0	1
PTHR21790	1.1	1.1	0	0	1
IPR022158	1.38	1.38	0	0	1
IPR022151	2.61	2.61	0	0	1
IPR022154	2.31	2.31	0	0	1
IPR022157	1.6	1.6	0	0	1
IPR007802	1.67	1.86	1	0	1
IPR007805	1.06	0	1.03	1.25	1
IPR007809	1.17	1	1.17	0	1
PTHR10032:SF76	1.5	1.5	0	0	1
IPR001925	4.26	4.26	0	0	1
PTHR23224:SF47:	1	1	0	0	1
PTHR23224:SF47:	1.25	1.25	0	0	1
IPR007378	1.96	3.62	1.26	0	1
IPR021346	1.04	1.04	0	0	1
IPR001698	1.32	1.32	0	0	1
IPR005333	24.86	24.86	0	0	1
IPR005338	1.04	1.2	1.03	1	1
IPR019295	1.23	0	1.23	0	1
IPR009718	1.09	0	1.09	0	1
IPR019438	1.12	1.12	1	0	1
IPR003993	4.67	4.67	0	0	1
PTHR18460	1.35	1.35	0	0	1
IPR014957	1.85	0	1.85	0	1
PF11018	5.06	5.06	0	0	1
PTHR20976	1.4	1.4	0	0	1
PTHR12294:SF3	1.5	1.5	0	0	1
PTHR12294:SF1	1.68	1.68	0	0	1
TIGR03068	1	0	1	0	1
IPR018724	1.09	1.5	1.08	0	1
IPR015265	1.01	0	1.01	0	1
IPR015266	1	0	0	1	1
IPR015261	1	0	1	0	1
IPR021630	1	0	1	0	1



IPR021631	1.62	0	1.62	0	1
IPR015649	1.53	1.53	0	0	1
PTHR21618	1.36	1.36	0	0	1
IPR005866	1	0	0	1	1
IPR010346	1.54	0	1.54	0	1
IPR002846	1.64	0	1	1.94	1
PF09037	1	1	1	0	1
IPR006742	7	7	0	0	1
IPR003717	1.01	0	1.01	0	1
IPR003713	1.14	1	1.14	0	1
IPR003712	1.06	1.1	1.05	0	1
IPR001712	1.47	1	1.47	0	1
IPR008535	1.01	0	1.01	0	1
PTHR12942	1.33	1.33	0	0	1
PTHR13097	1.29	1.29	0	0	1
PTHR10548	1.38	1.38	0	0	1
IPR020783	1	0	1	0	1
PTHR23273	2	2	0	0	1
TIGR01256	1.19	0	1.2	1	1
IPR018713	2.28	2	2.32	0	1
IPR010667	2	0	2	0	1
IPR014567	1	0	1	0	1
PTHR21361	1.25	1.25	0	0	1
PTHR21943	1.36	1.36	0	0	1
IPR000605	1.7	3	1.14	0	1
PTHR23050:SF7	1	1	0	0	1
IPR021050	1.03	0	1.03	0	1
IPR019642	1	0	1	1	1
IPR015093	1.1	0	1.12	1	1
IPR015091	2.5	2.5	0	0	1
IPR021847	1.92	0	1.92	0	1
IPR015098	2.43	2.43	0	0	1
PTHR22579	1.09	1.09	0	0	1
IPR014769	1.03	0	1.03	0	1
IPR014760	9.62	9.62	0	0	1
IPR007468	1.25	0	1.25	0	1
PF04426	2.67	2.67	0	0	1
PTHR22979:SF2	3.25	3.25	0	0	1
IPR008701	1.65	2.18	1.17	0	1
IPR008703	1.19	0	1.19	0	1
IPR005754	2.56	0	2.57	1.5	1
PF05792	15.43	15.43	0	0	1
PF09029	4.83	4.83	0	0	1
IPR006759	2.4	2.4	0	0	1
IPR006135	1.93	1	1.94	0	1
IPR007666	1.44	1.43	1	1.5	1
IPR007668	3.17	3.17	0	0	1
IPR004646	1.32	1.38	1.33	1.07	1
IPR018834	1.33	1.33	0	0	1
IPR018835	1	1	0	0	1
IPR018833	1.06	1	1.06	1	1
IPR005512	13.14	13.14	0	0	1
IPR005518	3.33	3.33	0	0	1
IPR015352	1.6	1.6	0	0	1
IPR006894	2.08	0	2.08	0	1
IPR018307	1.29	1.29	0	0	1
IPR018309	1.29	0	1.29	0	1
PTHR13683:SF98	8.88	8.88	0	0	1
IPR011501	1.1	1.1	0	0	1
IPR013909	1.18	1.18	0	0	1
IPR020276	1	0	1	0	1
IPR020279	2.5	2.5	0	0	1
TIGR01363	1	0	1	0	1
PTHR22928	1.43	1.43	0	0	1
PTHR21695	1.6	1.6	0	0	1
PD043187	1.27	0	1.27	0	1
IPR007033	2.42	2.42	0	0	1
IPR003791	1.02	0	1.02	1	1
PTHR12758:SF13	1.67	1.67	0	0	1

IPR000260	2.25	6.82	1.03	1	1
PF00281	1.08	1.74	1.02	1	1
IPR004568	1.07	0	1.07	0	1
PTHR16193	1.14	1.14	0	0	1
IPR012431	1.88	0	1	2.38	1
PF12481	5.75	5.75	0	0	1
IPR001132	7.67	7.67	0	0	1
IPR021570	1.32	0	1.32	0	1
IPR022006	1	1	0	0	1
IPR011202	1.06	0	1.06	0	1
IPR010555	1.25	1.25	0	0	1
IPR007955	1.2	1.2	0	0	1
IPR007953	2	0	2	0	1
IPR013880	1.25	1.25	0	0	1
PF11119	1	0	1	0	1
IPR012848	5.68	5.68	0	0	1
PTHR13847:SF11	1	0	1	0	1
PTHR10032:SF24	1	1	0	0	1
IPR021770	1.03	0	1.03	0	1
PTHR10887:SF20	1	1	0	0	1
PTHR10887:SF23	1.09	1.25	1	1	1
PF08911	1.79	1.79	0	0	1
IPR008844	5.29	1	5.35	0	1
IPR003453	1.96	1.38	1.96	0	1
IPR013086	1.57	1.57	0	0	1
IPR007201	2.97	2.97	0	0	1
IPR007203	1.53	1.53	0	0	1
IPR007207	1.24	1.24	0	0	1
IPR016103	1.26	1	1.26	0	1
IPR013622	1.02	0	1.02	0	1
IPR013620	1.02	0	1.02	0	1
IPR013626	3.6	7.89	1.76	0	1
IPR008477	1.55	1.55	0	0	1
IPR008474	1	1	0	0	1
PTHR21736:SF12	1.73	1.73	0	0	1
PTHR13198	1.2	1.2	0	0	1
IPR009434	1.6	1.6	0	0	1
IPR009430	2.66	0	2.68	2.5	1
PF11776	1.4	0	1.4	0	1
PTHR12456	1	1	0	0	1
PTHR10803	1	0	1	0	1
IPR020963	1.04	0	1.04	0	1
PTHR23083:SF8	1.17	1.17	0	0	1
PTHR22183	1.58	1.58	0	0	1
IPR019128	1.1	1.1	0	0	1
IPR021924	8.86	8.86	0	0	1
IPR021925	1.6	1.6	0	0	1
IPR021923	1.1	0	1.11	1	1
IPR018657	1.51	0	1.52	1.33	1
IPR018655	1.19	0	1.19	0	1
IPR018659	1.02	1	1.02	0	1
IPR018383	1.18	1	1.18	1.11	1
IPR009902	6.14	6.14	0	0	1
IPR014406	1	1	1	0	1
IPR007506	1.11	1.2	1.21	1.03	1
IPR007505	1.07	0	1.07	1	1
IPR019464	1.78	1.78	0	0	1
IPR019240	1.15	1	1.21	1	1
IPR019460	1.18	1.18	0	0	1
IPR005017	1.61	0	1.61	0	1
IPR005013	1.35	1.35	0	0	1
IPR007565	1.02	1	1.04	1	1
PTHR14167:SF3	1.2	1.2	0	0	1
PTHR10270:SF35	2.11	2.11	0	0	1
IPR019634	1.19	2.25	1	0	1
IPR015338	3.97	4.05	1	0	1
IPR002097	2.23	2.27	1	0	1
PTHR14187:SF5	2.92	2.92	0	0	1
PF09787	2.21	2.21	0	0	1

IPR007749	8.57	8.57	0	0	1
IPR007745	1.3	1.3	0	0	1
PF08786	1.56	0	1.56	0	1
IPR021069	1.66	0	1.66	0	1
IPR021065	1	0	1	0	1
PTHR11915:SF38	1	1	0	0	1
IPR019084	1.85	1.85	0	0	1
PF12404	1.03	0	1.03	0	1
IPR015167	1	0	1	0	1
IPR022082	6	6	0	0	1
IPR022084	4.4	4.4	0	0	1
IPR005656	1.65	1.94	1.65	1.12	1
IPR005089	1.17	1.17	0	0	1
IPR009505	1.17	1.17	0	0	1
IPR013863	1.36	1.36	0	0	1
PD487572	1	0	1	0	1
PD052090	1.09	0	1.09	0	1
PTHR15535	1	0	1	0	1
IPR013134	1.25	1	1	2	1
PF04734	1.5	1.73	1.31	1	1
PF07427	1.2	0	0	1.2	1
PF06774	1.62	0	1	1.67	1
PTHR12085	1.32	1.32	0	0	1
PTHR12087	1	1	0	0	1
PTHR10795:SF32	1	0	1	0	1
IPR004241	2.69	2.69	0	0	1
PF12079	4.26	0	4.26	0	1
PD027180	1.86	1.86	0	0	1
PF11887	11.41	0	11.41	0	1
PF11886	5.75	5.75	0	0	1
PTHR13029	1.2	1.2	0	0	1
IPR008013	3.8	3.8	0	0	1
IPR008012	1.37	1.37	0	0	1
PF05458	1.67	1.67	0	0	1
TIGR03436	10.67	0	10.67	0	1
PTHR22602	1	1	1	0	1
PTHR22604	1.11	1	1.17	0	1
PTHR19957:SF1	1	1	0	0	1
IPR022244	1.14	1.62	1.03	0	1
IPR022241	1.88	1.88	0	0	1
IPR022248	1.44	2.33	1	0	1
IPR022249	1	0	1	0	1
IPR006625	28.35	28.35	0	0	1
PTHR19410:SF95	1.19	1.6	1.1	0	1
IPR001850	1.08	1.5	1	0	1
IPR019541	3.33	3.33	0	0	1
IPR019549	2.08	2.08	0	0	1
IPR018491	4.86	4.86	0	0	1
IPR002191	1.39	1	1.4	0	1
IPR003820	1.08	1	1.08	1	1
IPR003826	1.22	0	1.17	1.63	1
IPR014795	1.53	0	1.53	0	1
IPR014792	1.1	0	1.1	0	1
IPR014864	1.13	0	1.04	1.41	1
IPR014866	1.02	0	1.02	0	1
IPR014863	1.38	1.38	0	0	1
IPR014869	1	0	1	1	1
PF11251	1.03	0	1.03	0	1
IPR012963	1.3	0	1.3	1	1
IPR012966	1.03	1.03	0	0	1
TIGR01716	3.28	0	3.28	0	1
PF11540	2.04	2.04	0	0	1
IPR022166	2.11	2.11	0	0	1
IPR011855	1.29	0	1.29	0	1
PF12242	1	0	1	0	1
IPR007851	1.15	1.15	0	0	1
PTHR18958:SF29	1	1	1	0	1
PTHR15963	1	0	0	1	1
IPR003667	3.16	0	3.17	2	1

PTHR10663:SF5	1	1	0	0	1
PF06941	1.14	1.54	1.08	1	1
IPR013545	1.5	0	1.5	0	1
IPR005368	1.94	0	1.98	1.8	1
IPR005361	1.16	0	1.17	1	1
IPR019571	1.4	1.4	0	0	1
IPR004942	2.85	4.03	2.57	1.62	1
IPR018514	6.33	6.33	0	0	1
IPR005090	2.75	1	2.79	0	1
IPR020227	1	0	1	0	1
IPR006849	1.32	1.32	0	0	1
PTHR14790	1	1	0	0	1
PTHR12796	1	1	0	0	1
PTHR12272:SF7	1.38	1.38	0	0	1
IPR001421	4.23	4.23	0	0	1
IPR001427	9.15	9.15	0	0	1
IPR019005	1	1	0	0	1
IPR019002	1.26	1.26	0	0	1
PTHR10183:SF38	1.67	1.67	0	0	1
IPR018755	1.36	0	1.36	0	1
IPR015259	1.68	0	1.68	0	1
IPR010378	1.07	1.07	0	0	1
IPR002876	1.15	1.23	1.15	0	1
IPR001748	1.28	1.28	0	0	1
IPR003222	2.97	2	3	0	1
PTHR10519	1	0	1	0	1
IPR009321	2.79	0	0	2.79	1
PTHR23223	1.31	1.31	0	0	1
PTHR23227	1	1	0	0	1
TIGR03118	1.08	0	1.08	0	1
PTHR21661:SF2	1	1	1	0	1
PTHR19410:SF18	1.21	1.36	1	0	1
PTHR23155:SF39	1.75	1.75	0	0	1
IPR000638	3.47	0	3.41	4	1
IPR000630	1.1	2	1.01	1	1
TIGR02937	1.21	0	1.21	0	1
TIGR02936	1.07	0	1.07	0	1
IPR007177	1.06	1.09	0	1	1
IPR007179	1	0	0	1	1
PTHR16012	1.33	1.33	0	0	1
PTHR13228	1	1	0	0	1
IPR019637	1.02	0	1.02	0	1
IPR015040	2.6	2.6	0	0	1
IPR021814	1	0	1	0	1
IPR018276	1.5	1.5	0	0	1
IPR018272	7	0	7	0	1
PTHR22915:SF2	1	1	1	0	1
PTHR11481	2.4	2.4	0	0	1
IPR007439	1.15	0	1.15	0	1
IPR007433	1.38	0	1.38	0	1
IPR007435	1.05	0	1.05	0	1
PTHR13145	1.38	1.38	0	0	1
IPR008758	5.3	5.3	0	0	1
IPR005708	1.17	1.57	1.07	1	1
PTHR10357:SF11	1.06	1	1.06	0	1
IPR015858	1	0	1	0	1
PTHR23053	2.86	2.86	0	0	1
PTHR23057	1.11	1.11	0	0	1
PF05249	1.36	1.67	1.32	0	1
PF12422	1.75	1.75	0	0	1
PTHR22729	1.33	1.33	0	0	1
PTHR13824:SF36	2.67	2.88	1	0	1
IPR003742	1.03	1.22	1.03	1	1
PF12390	1.01	0	1.01	0	1
IPR010894	1.46	0	1.46	0	1
IPR000397	1.03	1.5	1.02	0	1
IPR018843	1	1	0	0	1
PF12573	1.02	0	1.02	0	1
PF12578	1.32	1.32	0	0	1

IPR008195	1.69	1.96	0	1	1
IPR002631	1.06	0	1.06	0	1
IPR018598	1	0	1	0	1
IPR010468	1.22	1.22	0	0	1
IPR002099	1.22	1.22	0	0	1
IPR010461	1.78	0	1.78	0	1
IPR010284	1	1	1	0	1
IPR010287	2.34	0	2.35	1	1
IPR014903	1.29	4	1.21	0	1
PTHR19269:SF11	1.33	1.33	0	0	1
PTHR12306:SF1	1.2	1.2	0	0	1
IPR020228	1	0	1	0	1
PTHR12197:SF3	3.31	3.31	0	0	1
IPR005830	2.08	4	1.12	0	1
IPR005838	1.42	0	1.42	0	1
IPR006715	5.75	5.75	0	0	1
IPR006711	4.62	4.62	0	0	1
IPR000928	2.4	2.4	0	0	1
IPR003740	4.85	0	4.93	1.38	1
IPR016073	1.27	1.27	0	0	1
IPR008542	7.17	0	7.17	0	1
IPR008540	9	9	0	0	1
IPR021527	1.47	0	1.31	6	1
IPR004823	1.34	1.34	0	0	1
IPR009637	2.69	2.69	0	0	1
IPR009639	1	0	0	1	1
PTHR13646	1	1	0	0	1
IPR010586	1.12	0	1.12	0	0
IPR010634	1.17	1.57	1.14	0	0
IPR010633	1.88	0	1.88	0	0
PTHR14699	1.71	1.71	0	0	0
IPR007902	1.12	1.12	0	0	0
IPR017066	7.83	7.83	0	0	0
IPR017062	1	0	1	0	0
IPR016337	1.67	1.67	0	0	0
IPR016332	1.67	1.67	0	0	0
IPR021493	1.53	0	1.54	1.33	0
PTHR12522	1.69	1.69	0	0	0
PTHR11143:SF2	1.43	1.43	0	0	0
IPR020581	1.22	1.4	1	0	0
PTHR15011:SF3	1.33	1.33	0	0	0
IPR020055	1.05	1.6	1.04	0	0
PD029262	1	0	0	1	0
IPR008837	1.93	1.93	0	0	0
IPR008836	4.25	4.25	0	0	0
IPR008835	2.43	2.43	0	0	0
TIGR02449	1	1	1	0	0
IPR021898	3.12	0	3.12	0	0
IPR021890	1.02	0	1.03	1	0
IPR018678	1.14	0	1.14	0	0
PTHR21078	5.45	5.45	0	0	0
TIGR00964	1	0	1	0	0
TIGR00965	1	0	1	0	0
PTHR21076	1.75	1.75	0	0	0
PTHR21074	1.25	1.25	0	0	0
IPR009874	1.14	0	1.14	1	0
IPR009872	1.59	0	1.61	1	0
IPR006699	1.21	0	1.21	0	0
PTHR13986:SF4	1.33	1.33	0	0	0
PTHR13986:SF3	3.5	3.5	0	0	0
PF09659	1.11	0	1.11	0	0
PF09650	1.03	0	1.03	0	0
IPR017264	1	1	0	0	0
IPR017263	1	0	1	0	0
IPR017260	1.03	0	1.03	0	0
PTHR18911	1.29	1.29	0	0	0
PF07128	1.86	0	1.86	0	0
PTHR12324	2.5	2.5	0	0	0
IPR015656	1.33	1.33	0	0	0

IPR019372	3.08	3.08	0	0	0
IPR019379	1.03	1.03	0	0	0
PTHR11566:SF19	2.33	2.33	0	0	0
IPR002780	1.09	0	1.09	1.03	0
IPR009405	1.33	0	1.33	0	0
IPR005780	1	0	0	1	0
IPR009406	1	0	1	0	0
IPR009400	1.14	1.14	0	0	0
IPR009403	1.02	0	1.02	0	0
IPR009409	1.3	0	1.09	2.5	0
PTHR10662:SF2	1.5	1.5	0	0	0
PF12116	1.15	0	1.15	0	0
TIGR01560	1.2	0	1.2	0	0
IPR010771	1.03	1	1.03	0	0
IPR010773	1.14	0	1.14	0	0
IPR010774	1.28	0	1.28	0	0
IPR010777	1.6	0	1.6	0	0
IPR017746	1.11	0	1.11	0	0
PD070929	1.02	0	1.02	0	0
PTHR21422:SF5	1.86	1.86	0	0	0
PTHR21422:SF7	1.5	1.5	0	0	0
PTHR23162:SF2	3	3	0	0	0
PTHR23162:SF1	1.25	1.25	0	0	0
PTHR19308	4.44	4.44	0	0	0
PTHR21276	1	1	0	0	0
PTHR21271	1.6	1.6	0	0	0
PD321411	1	0	0	1	0
IPR016215	2.38	0	2.38	0	0
PF09417	1	1	0	0	0
IPR007633	1.05	0	1.05	0	0
IPR021953	1.22	0	1.22	0	0
IPR021955	1.02	0	1.02	0	0
IPR006789	1.47	1.47	0	0	0
IPR019178	1.67	1.67	0	0	0
IPR019179	1.39	1.39	0	0	0
PTHR22207	3.42	3.42	0	0	0
IPR019170	1.59	1.59	0	0	0
IPR019171	1.04	1.04	0	0	0
IPR019173	1.19	1.19	0	0	0
IPR019174	1.21	1.21	0	0	0
IPR016940	1	0	1	0	0
IPR008116	1	1	0	0	0
PTHR10827:SF1	1	1	0	0	0
IPR021919	1.09	1.44	1	0	0
IPR009249	2.04	1.62	2.13	0	0
IPR009248	1.04	0	1.04	0	0
PTHR14432:SF3	1.25	1.25	0	0	0
IPR009932	1.67	1.67	0	0	0
IPR009935	1.03	0	1.03	0	0
IPR014450	1	0	0	1	0
IPR003059	1	0	1	0	0
IPR007576	3.12	3.12	0	0	0
IPR017185	2.2	0	0	2.2	0
IPR007570	1.02	1.17	1	0	0
IPR014988	1.23	1	1.26	1	0
IPR014989	1.16	0	1.16	0	0
IPR014986	1.63	0	1.63	0	0
IPR014987	1.01	0	1.01	0	0
IPR014984	1	1	1	0	0
IPR014985	1.12	0	1.13	1	0
IPR014980	1.04	1.17	1	0	0
MF_00251	1	0	1	0	0
IPR002908	1.06	1.21	1.01	0	0
IPR016583	1.5	0	1.5	0	0
IPR000509	1.41	1.41	0	0	0
PF10991	1.08	0	1.08	0	0
PTHR13502:SF3	1	1	0	0	0
TIGR01691	1	1	1	0	0
IPR008655	2.5	0	2.5	0	0

IPR008653	3	3	0	0	0
IPR005067	2.98	8.5	1.83	0	0
PTHR11695:SF5	1.33	1.44	1	0	0
IPR016962	1	0	1	0	0
IPR016960	1	0	1	0	0
PTHR23313	1.31	1.31	0	0	0
IPR019294	1.11	0	1.11	0	0
PD037701	1	0	1	0	0
PTHR14455	1.5	1.5	0	0	0
PTHR14454	2.25	2.25	0	0	0
PTHR22446	2	2	0	0	0
PTHR22442	1.67	1.67	0	0	0
PTHR22934:SF14	1.08	1.08	0	0	0
PTHR22996	1.33	1.33	0	0	0
IPR019884	1.06	0	1.06	0	0
IPR007777	3.25	0	3.25	0	0
IPR003212	1.88	0	0	1.88	0
IPR003213	2.66	2.66	0	0	0
IPR003211	1.04	0	1.04	0	0
PD073252	1.07	0	1.07	0	0
PTHR10285:SF1	1.11	1.19	1	0	0
IPR012485	1.18	1.18	0	0	0
IPR012489	1.5	0	1.5	0	0
PTHR13535	1.14	1.14	0	0	0
PTHR13530	1.25	1.25	0	0	0
IPR019703	1.02	0	1.02	0	0
IPR019701	1.25	0	1.25	0	0
IPR019706	1.02	0	1.02	0	0
IPR019705	1.02	0	1.02	0	0
IPR008323	1.06	2	1.06	1	0
IPR008321	1.03	0	1.03	0	0
IPR008320	1.02	0	1.02	0	0
IPR015131	1.2	1.2	0	0	0
IPR015138	1	0	1	0	0
IPR015139	3.5	0	3.5	0	0
IPR022072	1	0	1	0	0
IPR010500	1.56	1.56	0	0	0
PTHR10374	1.4	1.4	0	0	0
PTHR11076:SF1	1.31	1.31	0	0	0
IPR004383	1	1	1	0	0
PTHR12979:SF4	1.71	1.71	0	0	0
PF07412	1.48	1.48	0	0	0
IPR016621	1	0	1	1	0
IPR016629	2.25	2.25	0	0	0
IPR016628	1.18	0	1.18	0	0
PF10817	1	0	1	0	0
PF10815	1	0	1	0	0
PF10814	1	0	1	0	0
PF10812	1	0	1	0	0
PF10811	1	0	1	0	0
PF10810	1	0	1	0	0
IPR004279	3.7	3.7	0	0	0
IPR018919	1.11	0	1.11	0	0
IPR018918	1.1	0	1.1	0	0
IPR018914	1.17	0	1.17	0	0
IPR018917	1.56	0	1.56	0	0
PTHR18895:SF8	1.06	1.08	1	0	0
IPR020508	1	0	1	0	0
IPR020505	1	0	0	1	0
IPR020506	1	0	1	0	0
IPR020500	1.17	0	1.17	0	0
IPR020502	1	0	1	0	0
PTHR23290	1	1	0	1	0
PTHR23120	2	2	0	0	0
PTHR21565	1.1	1.1	0	0	0
PTHR14429:SF4	1.67	1.67	0	0	0
IPR022278	1.33	0	1.33	0	0
PTHR21380	1.07	1.07	0	0	0
IPR006611	10.43	10.43	0	0	0

IPR006610	4.4	4.4	0	0	0
MF_01240	1	0	1	0	0
IPR003398	1.2	1.44	1.14	0	0
PTHR15817	1	1	0	0	0
IPR007254	1.14	0	0	1.14	0
IPR013389	1.06	0	1.04	1.12	0
IPR013388	1.03	0	1.03	0	0
IPR008426	1.07	1.07	0	0	0
IPR008420	2.5	0	2.5	0	0
IPR000151	1.5	1.5	0	0	0
IPR012381	1	0	1	0	0
PD857460	1	0	1	0	0
IPR016867	1.23	0	1.23	0	0
IPR009776	1.37	0	1.37	0	0
IPR009779	1.31	1.31	0	0	0
IPR009778	1.02	0	1.02	0	0
IPR009489	4.25	4.25	0	0	0
IPR009488	2.13	0	2.13	0	0
IPR009483	1.04	0	1.04	0	0
IPR009482	2.25	0	0	2.25	0
IPR019517	1	1	0	0	0
PTHR10957:SF2	1.27	1.27	0	0	0
IPR016472	1	0	0	1	0
PF11266	1.06	0	1.06	0	0
PTHR13219	1.13	1.13	0	0	0
PTHR21812	1.29	1.29	0	0	0
PTHR21818	1.24	1.24	0	0	0
PTHR22774:SF6	1.11	1.11	0	0	0
PTHR22774:SF4	1.75	1.75	0	0	0
PTHR12619:SF1	1	1	0	0	0
IPR020314	1	0	1	0	0
IPR020316	1	0	1	0	0
IPR020311	1	0	1	0	0
IPR015053	1.04	0	1.04	0	0
IPR015055	1	0	1	1	0
IPR021808	1.52	0	1.52	0	0
IPR021447	1.02	0	1.02	0	0
IPR021445	1.35	1	1.37	0	0
IPR021444	1	0	1	0	0
IPR021443	1.06	0	1.06	0	0
IPR021441	1.04	0	1.04	0	0
IPR021448	1	0	1	0	0
PTHR22175	1.25	1.25	0	0	0
PTHR22171	1	1	0	0	0
PTHR21486	1	1	0	0	0
PTHR22285	1.09	1.09	0	0	0
PTHR22281	1.25	1.25	0	0	0
IPR018621	1	1	0	0	0
IPR018627	1.27	1.28	1	0	0
IPR018626	1.03	1.03	0	0	0
IPR018625	1.07	1.07	0	0	0
IPR018624	1	1	0	0	0
IPR018629	4.17	4.28	0	1	0
TIGR02569	1	0	1	0	0
TIGR02562	1.03	0	1.03	0	0
PTHR21731	2.33	2.33	0	0	0
PTHR21732	1.33	1.33	0	0	0
PTHR11527	1.08	1.5	1	1	0
IPR016270	1	1	1	0	0
IPR010825	6.43	6.43	0	0	0
IPR019239	1.69	0	1.69	2	0
IPR019232	1.03	0	1.03	1	0
IPR019231	1.04	0	1.04	0	0
IPR005351	1.21	1.21	0	0	0
PTHR23125:SF48	1	1	0	0	0
IPR005354	1	0	0	1	0
PF10687	1.34	1	1.38	1.2	0
PTHR16502	2	2	0	0	0
IPR018547	1	0	1	0	0



IPR018544	1.12	1.12	0	0	0
IPR009765	19.56	19.56	0	0	0
PTHR23422	1	0	1	0	0
TIGR01448	1	0	1	0	0
IPR011690	2.05	0	2.05	0	0
IPR006875	2.79	2.79	0	0	0
IPR014318	1.02	0	1.02	0	0
IPR003464	1.21	0	1.23	1	0
PTHR23283:SF13	1.11	0	1.11	0	0
PD107880	1	1	0	0	0
PTHR11201:SF236	3.62	3.62	0	0	0
PTHR10825:SF1	2	2	0	0	0
PTHR21134	1.55	1.55	0	0	0
PTHR21132	1.25	1.25	0	0	0
PTHR21130	1.09	1.09	0	0	0
PTHR13289	1.43	1.43	0	0	0
IPR019697	1.15	0	1.15	0	0
PTHR15829:SF1	2	2	0	0	0
PTHR15829:SF2	1.83	1.83	0	0	0
MF_00669	1	0	1	0	0
IPR020874	1.05	1.33	1	0	0
PTHR21358:SF1	2.33	2.33	0	0	0
IPR020299	1.33	0	1.33	0	0
IPR020291	1.2	0	1.2	0	0
IPR020292	1	0	1	1	0
IPR020295	1	0	1	0	0
IPR020296	1	0	1	0	0
PTHR13123:SF2	1	1	0	0	0
PTHR13123:SF3	2.5	2.5	0	0	0
PTHR11351:SF14	1	1	0	0	0
IPR007428	1.23	0	1.23	0	0
IPR001470	1.77	0	1.77	0	0
IPR019034	1.02	1.02	0	0	0
IPR019036	1.5	0	1.5	0	0
IPR015207	1.11	0	1.13	1	0
PTHR16076:SF4	2	2	0	0	0
PTHR21672	1.08	1.08	0	0	0
PTHR21674	1.38	1.38	0	0	0
PTHR21676	1.31	1.31	0	0	0
IPR018784	1.08	1.08	0	0	0
IPR008908	1	1	0	0	0
IPR008901	1.65	2.02	1.03	0	0
IPR009052	1.22	0	1.22	0	0
IPR005886	1	1	1	0	0
IPR011455	6.67	0	6.67	0	0
PTHR11647:SF2	1	1	1	0	0
IPR010321	1.66	0	1.66	0	0
IPR010326	1.61	1.61	0	0	0
IPR002822	1.09	0	1.09	1.09	0
IPR002823	1.97	2	2.08	1.12	0
IPR000463	1.4	1.4	0	0	0
IPR012892	1.56	0	1.56	0	0
MF_01622	1	0	1	0	0
PTHR17554	1.62	1.71	1	0	0
PTHR13072	1.09	1.09	1	0	0
IPR018994	1.04	0	1.04	0	0
PTHR23211	2	2	0	0	0
PTHR23210	1.4	1.4	0	0	0
PTHR23215	1.51	1.51	0	0	0
IPR009311	4.31	4.31	0	0	0
IPR009310	1	0	1	0	0
IPR009312	1.83	0	1.83	0	0
IPR011152	1	0	1	1	0
IPR014508	1	0	1	0	0
IPR014500	1	0	1	0	0
TIGR02738	1.19	0	1.19	0	0
PTHR15040	2.4	2.4	0	0	0
PTHR22659	1.17	1.17	0	0	0
PTHR22654	1.26	1.26	0	0	0

PTHR21306	1.08	1.08	0	0	0
TIGR03123	1	0	1	1	0
TIGR02291	1	0	1	0	0
PTHR10566:SF7	1.38	1.45	1	0	0
PTHR12277:SF8	2.21	2.35	1	0	0
PTHR13601:SF2	3	3	0	0	0
PTHR13601:SF1	1.08	1.08	0	0	0
PF06520	1.5	0	1.51	1	0
IPR021284	1.61	0	1.61	0	0
IPR021281	1.33	1.33	0	0	0
IPR021283	1.27	0	1.27	0	0
PTHR13278	1.21	1.21	0	0	0
PTHR12380:SF7	1.4	1.4	0	0	0
IPR008200	1.2	1.2	0	0	0
IPR008203	2	0	1.2	2.8	0
IPR008205	1.05	0	1.03	1.07	0
IPR019593	2.17	0	2.17	0	0
IPR019596	1.03	1	1.03	0	0
IPR019597	1	0	0	1	0
IPR019598	1.03	0	1.03	0	0
IPR021822	2.1	2.15	1	0	0
IPR015079	1.05	0	1.05	0	0
IPR015078	1.08	0	1.08	0	0
IPR003874	1.31	1.31	0	0	0
IPR019064	1	0	1	0	0
IPR007007	4.38	4.38	0	0	0
IPR007005	1.18	1.18	0	0	0
PTHR13463:SF2	1.33	1.33	0	0	0
PTHR12484	1.27	1.27	0	0	0
IPR012917	1	1	0	0	0
IPR004422	1	0	1	1	0
IPR017744	1.01	0	1.01	0	0
PF10773	1	0	1	0	0
IPR020397	1	0	1	0	0
IPR020393	1	0	1	0	0
IPR020399	1	1	0	0	0
PTHR23006	1	1	0	0	0
TIGR01023	1	1	1	0	0
PTHR21401	1	1	0	0	0
IPR000996	1.68	1.68	0	0	0
PTHR21277:SF1	1.14	1.14	0	0	0
PTHR21277:SF3	1.08	1.08	0	0	0
IPR020987	1.71	1.71	0	0	0
IPR007687	1.06	0	0	1.06	0
IPR007686	1.07	0	1.07	1	0
IPR007680	2.85	0	2.85	0	0
IPR007682	1.14	0	1.14	0	0
IPR006480	1.44	0	1.44	0	0
IPR006482	1.1	0	1.1	1.1	0
IPR006485	1.39	0	1.39	0	0
IPR007352	1.15	0	1.09	2	0
IPR007355	1	0	0	1	0
IPR013514	1.33	0	1.33	0	0
IPR021326	1.57	0	1.57	0	0
IPR021324	1.02	0	1.02	0	0
IPR021325	1.45	3.22	1	0	0
IPR021323	1.32	0	1.32	1	0
IPR021320	1.03	0	1.03	0	0
IPR021321	1.27	0	1.27	0	0
IPR021328	3.1	0	3.1	0	0
IPR021329	1.04	0	1.04	0	0
IPR000369	3.5	3.5	0	0	0
IPR000366	1.04	1.04	0	0	0
IPR018898	1	0	1	0	0
IPR018899	2.25	0	2.25	0	0
IPR018894	1.7	0	1.7	0	0
IPR018895	1.05	0	1.05	0	0
IPR018893	1.03	0	1.03	0	0
IPR016948	1	0	1	0	0

IPR016944	1.38	0	1.38	0	0
PF11443	2.86	3.06	1.67	0	0
IPR016946	1	0	1	0	0
IPR016942	1	0	1	0	0
PTHR13402	1.46	1.46	0	0	0
PTHR13401	1.2	1.2	0	0	0
PTHR13400	1.64	1.64	0	0	0
IPR002666	3.12	3.12	0	0	0
PTHR11712:SF23	1	0	1	0	0
IPR004992	1.53	0	1.53	0	0
IPR004993	3.25	10.5	1.55	0	0
IPR012443	1.38	0	1.6	1.25	0
MF_01861	1	0	1	0	0
IPR010434	1	0	1	0	0
IPR010438	1.45	0	1.45	0	0
IPR014974	1.25	0	1.25	0	0
IPR014972	1	0	1	0	0
IPR014971	2.2	0	2.2	0	0
TIGR01000	1.47	0	1.47	0	0
PTHR10476:SF2	1	1	0	0	0
PF10921	1.14	0	1.14	0	0
PF10920	1	0	1	0	0
PF10925	2.26	0	2.26	0	0
PF10924	1	0	1	0	0
PF11032	2.29	2.29	0	0	0
PF11039	1	0	1	0	0
PTHR16915	2.17	2.17	0	0	0
PTHR21423	1	1	0	0	0
IPR020216	1.08	0	1.08	0	0
PD070475	1.2	0	1.2	0	0
PD070788	1	0	1	0	0
TIGR03087	1	0	1	0	0
TIGR03085	1	0	1	0	0
TIGR03089	1	0	1	0	0
IPR018706	1.03	1	1.03	0	0
TIGR02680	1.16	0	1.16	0	0
IPR021658	1.6	0	1.6	0	0
IPR021659	1.07	1.43	1	0	0
PTHR22949	1	1	0	0	0
TIGR00857	1	0	1	0	0
PTHR23312:SF5	2	2	0	0	0
IPR006721	1.33	1.33	0	0	0
IPR006728	4.1	0	4.1	0	0
PTHR19288:SF4	1.79	1.79	0	0	0
PTHR19288:SF6	1.17	1.17	0	0	0
PTHR19288:SF1	1	1	1	0	0
PTHR19288:SF3	1.06	1	1.06	0	0
PD181926	1	0	1	0	0
IPR001733	1	1	0	1	0
PF10844	1.22	0	1.22	0	0
IPR013493	1.17	0	1.17	0	0
IPR013494	1.21	0	1.21	0	0
MF_00575	1	0	1	0	0
PTHR10194:SF7	1.8	1.8	0	0	0
PTHR13333:SF3	1	1	0	0	0
IPR008518	1.25	1.25	0	0	0
IPR013726	1.11	1.11	0	0	0
IPR008513	1.02	0	1.02	1.12	0
IPR008515	1.03	0	1.03	1	0
IPR021519	1.1	0	1.1	0	0
IPR021518	1	1	1	0	0
IPR021513	1.02	0	1.02	0	0
IPR021512	1.22	0	1.22	0	0
IPR021515	1	0	1	0	0
IPR021517	1	0	1	0	0
PTHR12963	1.5	1.57	1	0	0
PD116027	1	0	1	0	0
IPR009390	1.04	0	1.04	0	0
IPR009392	6.44	6.44	0	0	0

IPR009394	1.03	0	1.03	0	0
PTHR10887:SF14	1	1	1	0	0
PTHR14062	2	1	2.25	0	0
IPR010604	1.38	1.38	0	0	0
IPR014580	1.06	0	1.06	0	0
IPR014584	1	0	1	0	0
IPR017057	1	1	0	0	0
IPR017059	1	0	0	1	0
PF10227	1.32	1.32	0	0	0
IPR021455	1.15	2	1.14	0	0
IPR007947	1.9	1.9	0	0	0
IPR007944	1.28	1	1.28	0	0
IPR007945	1.15	1.15	0	0	0
TIGR02215	1.04	0	1.04	0	0
TIGR02219	1	0	1	0	0
PTHR21924	1.42	1.42	0	0	0
PTHR21926	1	1	0	0	0
PTHR21922	2.14	2.14	0	0	0
PF09568	1	1	1	1	0
TIGR02968	1.18	0	1.18	0	0
IPR012036	1	0	1	0	0
IPR012037	1.5	0	1.5	0	0
IPR012031	1.19	0	0	1.19	0
IPR012033	1.07	0	0	1.07	0
IPR019664	1	0	1	0	0
IPR019666	1.02	0	1.02	0	0
IPR019667	1	0	1	0	0
IPR019660	1.02	0	1.02	0	0
IPR019662	1.02	0	1.02	0	0
IPR019663	1.02	0	1.02	0	0
IPR019668	1	0	1	0	0
IPR015568	1	1	0	0	0
PTHR21027	1.19	1.19	0	0	0
IPR009155	1.14	0	1.14	0	0
TIGR01253	1	0	1	0	0
IPR011718	1.02	1	1.02	0	0
IPR011719	1.23	1.75	1.1	1	0
IPR002161	1.03	1.12	1.02	1	0
IPR009847	1.25	1.25	0	0	0
IPR009841	1	0	1	0	0
IPR009843	1.46	0	1.46	0	0
IPR009842	1.17	0	1.17	0	0
PTHR13438	1.57	1.57	0	0	0
IPR006396	1.03	0	1.04	1	0
IPR017217	1.12	1.12	0	0	0
IPR017216	2.67	2.67	0	0	0
IPR017211	1.13	0	1	1.15	0
IPR017218	1.67	1.67	0	0	0
PTHR12725:SF5	1	1	0	0	0
IPR012991	1.33	0	1.33	0	0
IPR012994	1.18	0	1.18	0	0
IPR007448	1.02	0	1.02	0	0
IPR007441	1.07	0	1.07	0	0
IPR007444	1.77	0	1.77	0	0
IPR016379	1.33	0	1.33	0	0
IPR012372	1	0	0	1	0
IPR012371	1	1	0	0	0
PD067735	1.17	0	1.17	0	0
IPR016377	1	0	1	0	0
IPR008499	1.75	1.75	0	0	0
PTHR13136	1.38	1.38	0	0	0
IPR019300	1.08	0	1.13	1	0
IPR008729	1.07	1.29	1	0	0
IPR008721	1.12	1.12	0	0	0
IPR014562	1	0	1	0	0
PD128584	1.06	0	1.06	0	0
IPR017033	1	0	1	0	0
IPR017030	1.11	0	1.11	0	0
IPR005779	1	0	0	1	0

IPR009450	1.08	1.08	0	0	0
PF11428	1	0	1	0	0
PTHR16453:SF9	1.09	1.09	0	0	0
IPR009241	1.79	0	1.79	0	0
PD699877	1	0	1	0	0
IPR020905	1.05	1.29	1	0	0
PTHR23180:SF16	1.6	1.6	0	0	0
TIGR00374	1.4	0	1.5	1	0
PTHR15902:SF1	1.75	1.75	0	0	0
PTHR22256	1	1	0	0	0
IPR019142	1.24	1.24	0	0	0
IPR019146	1.16	1.16	0	0	0
IPR019149	1.24	1.35	1.12	0	0
IPR018814	1.03	1.03	0	0	0
IPR018815	1	1	0	0	0
IPR021941	1.6	0	1.6	0	0
IPR021946	1.67	0	1.67	0	0
IPR021947	1.52	1	1.55	0	0
IPR021945	1.21	0	1.21	0	0
IPR005579	1.02	1.02	0	0	0
IPR009294	1.59	1.59	0	0	0
IPR005574	1.09	1.42	0	1	0
IPR009296	1.01	0	1.01	0	0
IPR014468	1	0	1	0	0
IPR013965	1	1	0	0	0
IPR013966	1	1	0	0	0
IPR013963	1	1	0	0	0
IPR003066	1	0	1	0	0
IPR003063	1	0	1	0	0
MF_00261	1	0	0	1	0
IPR009933	1	0	1	0	0
IPR004308	1.32	1.32	0	0	0
PTHR23346:SF2	1.12	1.12	0	0	0
IPR014456	1	0	1	0	0
PF05575	1	0	1	1	0
TIGR03552	1	0	1	0	0
PTHR22497	1.79	1.79	0	0	0
TIGR02609	1	0	1	0	0
PTHR23158:SF1	1.33	1.33	0	0	0
TIGR03233	1	0	1	1	0
TIGR03238	1	0	1	0	0
IPR016584	1	0	1	0	0
IPR016875	1	0	1	0	0
IPR016870	1.05	0	1.05	0	0
TIGR02187	1	0	1	1	0
IPR016871	1	0	1	0	0
IPR007019	1.21	1.21	0	0	0
IPR007011	7.4	9	1	0	0
MF_00067	1.03	0	1.03	0	0
MF_00068	1	0	1	0	0
IPR013417	1.07	0	1.07	0	0
IPR000794	1	1	1	0	0
IPR000249	7.25	0	7.25	0	0
TIGR02905	1	0	1	0	0
PD103659	1	1	0	0	0
PTHR18640:SF3	1	1	0	0	0
IPR012451	1.6	0	1.6	0	0
IPR009649	1.47	0	1.47	0	0
IPR021591	1.67	1.67	0	0	0
IPR021599	1	0	1	0	0
IPR021598	1.17	0	1.17	0	0
IPR022024	2.34	2.34	0	0	0
IPR022028	1.07	0	1.07	0	0
IPR011224	1	0	1	0	0
IPR011226	1	0	1	0	0
IPR011220	1.12	0	1.12	0	0
IPR011223	1.39	0	1.39	0	0
IPR011228	1.36	0	1.36	0	0
IPR004893	1.02	0	1.02	0	0

PTHR13697	1	1	0	0	0
IPR015102	1.04	0	1.03	1.25	0
IPR015105	1	0	1	0	0
IPR002490	1.88	3.14	1.12	1.07	0
IPR002494	22.67	22.67	0	0	0
IPR010574	1.01	0	1.01	0	0
IPR010688	1.14	0	1.14	0	0
IPR010680	1.6	0	1.6	0	0
PTHR10340	1.33	1.33	0	0	0
MF_01111	1	0	0	1	0
IPR007979	4.75	0	4.75	0	0
IPR007970	9.42	9.42	0	0	0
IPR013883	1.14	1.14	0	0	0
PTHR23303:SF3	1.2	1.2	0	0	0
PTHR15599	1.33	1.33	0	0	0
PTHR15598	1.14	1.14	0	0	0
IPR016367	1.05	0	1.05	0	0
IPR012863	1.29	0	1.29	0	0
PD177356	1	0	1	0	0
PF03219	3.35	4.2	3.04	0	0
IPR008544	2.71	0	2.71	0	0
TIGR03459	1	0	1	0	0
IPR011688	1.93	0	1.93	0	0
PTHR23191:SF1	1	1	0	0	0
PTHR23191:SF2	1.2	1.2	0	0	0
PTHR22042	3.67	3.67	0	0	0
PTHR12456:SF8	1.92	1.92	0	0	0
IPR021753	1	0	1	0	0
IPR021751	1.26	0	1.26	0	0
IPR022224	1	0	1	0	0
IPR008865	1.13	0	1.13	0	0
IPR008861	1.31	1	1.31	0	0
IPR016514	1	0	1	0	0
PTHR10963:SF2	3.17	3.17	0	0	0
IPR003432	1	0	1	0	0
IPR007229	1	1	1	0	0
IPR007227	1.01	0	1.01	0	0
IPR008412	1.4	1.4	0	0	0
IPR021259	1.17	2	1.14	0	0
IPR019381	1.59	1.59	0	0	0
IPR021250	1.12	0	1.12	0	0
PTHR12270:SF3	1.21	1.21	0	0	0
PTHR12843	1	1	0	0	0
IPR016833	1.01	1	1.01	0	0
IPR016834	1	0	1	0	0
IPR005265	1.14	0	1.14	0	0
IPR018477	1.39	1.39	0	0	0
IPR018472	1.05	1.05	0	0	0
IPR005489	7.33	0	0	7.33	0
IPR005485	1.2	1.2	0	0	0
PTHR12610:SF2	1.14	1.14	0	0	0
IPR006901	1.01	0	1.01	0	0
PTHR14299	1	1	0	0	0
PTHR12432	2.17	2.17	0	0	0
IPR016441	1.2	1.2	0	0	0
PTHR19378	1.64	1.64	0	0	0
IPR009709	1	0	1	0	0
PTHR21583:SF1	1	1	0	0	0
IPR012089	1	1	1	1	0
PF09691	1.2	0	1.2	0	0
IPR009669	1.17	0	1.17	0	0
PTHR23287:SF1	1.14	1.14	0	0	0
IPR020325	1	0	1	0	0
IPR020327	1	0	1	0	0
IPR020326	1.67	0	1.67	0	0
IPR012554	1	0	1	0	0
IPR021497	1.07	1	1.07	0	0
IPR021491	1.02	0	1.02	0	0
IPR021492	1	0	1	0	0

TIGR03647	1.04	0	1.04	1	0
TIGR03649	1.33	1.33	0	0	0
IPR018671	1.11	0	1.11	0	0
IPR018672	1.02	0	1.02	0	0
IPR018674	1.29	0	1.26	3	0
IPR018676	1.06	0	1.04	1.09	0
IPR009216	1.05	0	1.05	0	0
IPR009211	1.14	0	1.14	0	0
IPR009218	1.03	1.25	1.02	0	0
IPR003427	1	0	1	1	0
TIGR00690	1	0	1	0	0
IPR002041	1.77	1.77	0	0	0
IPR002042	2.36	2.4	2.28	0	0
IPR009964	1.03	0	1.03	0	0
IPR009962	1.63	0	1.63	0	0
IPR009963	2	0	2	0	0
IPR009968	1	0	1	0	0
IPR017154	1.03	0	1.04	1	0
IPR010875	3.33	0	3.33	0	0
IPR007211	1.3	0	1.3	1.17	0
IPR008238	1.75	1.75	0	0	0
PTHR16095:SF8	1.33	1.33	0	0	0
IPR019882	1.06	0	1.06	0	0
IPR005384	3.67	3.67	0	0	0
IPR019263	1.15	1.15	0	0	0
IPR019265	1.17	1.17	0	0	0
IPR019266	1.48	1.48	0	0	0
IPR019268	1.1	1.5	1.05	0	0
IPR008608	1.75	1.75	0	0	0
IPR008605	3.75	3.75	0	0	0
IPR008606	1.79	1.79	0	0	0
IPR004381	1.33	1.08	1.34	0	0
IPR008603	1.39	1.39	0	0	0
IPR004929	2.37	0	2.37	0	0
IPR004928	1.78	1.78	0	0	0
IPR009553	1.39	1	1.4	0	0
IPR007460	1.74	0	1.74	0	0
IPR011394	1	0	1	0	0
IPR011396	1.05	0	1.05	0	0
IPR011397	1.28	0	1.23	1.8	0
IPR011648	1	0	1	0	0
PTHR14164:SF2	2.2	2.2	0	0	0
PTHR14482	2	2	0	0	0
PTHR14484	2.2	2.2	0	0	0
PTHR22414	1	1	0	0	0
PTHR22415	1.08	1.08	0	0	0
PTHR22418	1.23	1.23	0	0	0
PTHR21147	1.13	1.13	0	0	0
PTHR21148	1.18	1.18	0	0	0
PD012572	1	0	1	0	0
PF11085	1	0	1	0	0
PF11080	1.43	0	1.43	0	0
TIGR02108	1.05	0	1.05	0	0
PTHR10992:SF20	1.29	1.44	1.26	1	0
PF09761	1.14	1.14	0	0	0
IPR020799	4.67	4.67	0	0	0
IPR020796	1.5	1.5	0	0	0
IPR007729	1.22	0	1.22	0	0
IPR007721	1.4	1	1.41	0	0
TIGR02811	1.37	0	1.37	0	0
IPR001447	1.5	2.7	1.3	0	0
IPR001448	5.23	0	5.23	0	0
PTHR11851:SF58	2.25	2.25	0	0	0
IPR021048	1.14	0	1.14	0	0
PTHR23193:SF4	1.25	1.25	0	0	0
PTHR23193:SF5	1.73	1.73	0	0	0
PTHR23193:SF2	1.2	1.2	0	0	0
IPR011400	1	1	0	0	0
PTHR14645	1.33	1.33	0	0	0

IPR014631	1.28	1.28	0	0	0
IPR016676	1	0	1	0	0
IPR016674	1.25	1.25	0	0	0
IPR016673	1.75	1.75	0	0	0
IPR013110	1.15	1.18	1.06	1	0
IPR000453	1.06	1.23	1.05	1	0
PF10840	1	0	1	0	0
PF10843	1.33	1.33	0	0	0
PTHR13333:SF1	1.06	1.06	0	0	0
PTHR11360:SF9	1.65	1.65	0	0	0
IPR004221	1.12	0	1.12	0	0
PTHR16276	1.36	1.36	0	0	0
IPR018943	1.16	1.16	0	0	0
TIGR01926	1	0	1	0	0
TIGR01921	1	0	1	0	0
TIGR01928	1	0	1	0	0
IPR005177	1.07	1.57	1.06	0	0
IPR005176	2.45	2.45	0	0	0
PTHR13000	1.16	1.16	0	0	0
IPR008034	1	0	1	0	0
IPR008032	1	0	0	1	0
IPR008031	2	0	2	2	0
PF07186	1.29	0	1.29	0	0
PTHR21642:SF1	3	3	0	0	0
PTHR23170	2	2	0	0	0
PTHR14362	1.67	1.67	0	0	0
PTHR22622	1.08	1.08	0	0	0
TIGR02491	1	0	1	0	0
IPR019320	1.14	1.14	0	0	0
TIGR03172	1	1	1	1	0
TIGR03177	1.06	0	1.06	0	0
TIGR03174	1	0	1	1	0
PTHR10074:SF57	1.47	1.75	1.19	0	0
MF_00146	1	1	1	0	0
PD080110	1	1	0	0	0
PTHR12771:SF9	2.75	2.75	0	0	0
PTHR11785:SF58	1.12	1.12	0	0	0
PTHR23116:SF1	1	1	0	0	0
PF06555	1.35	0	1.38	1	0
PTHR16070	2.4	2.4	0	0	0
IPR012080	1	0	1	0	0
IPR012550	1.09	1	1.09	0	0
PTHR12553:SF3	1.22	1.22	0	0	0
IPR009727	1.05	0	1.05	0	0
IPR009729	3.2	3.75	1	0	0
IPR001259	20.38	20.38	0	0	0
PTHR13244	1	1	0	0	0
PTHR13247	1.23	1.23	0	0	0
IPR009181	1.22	0	0	1.22	0
IPR009183	1.33	0	0	1.33	0
IPR015029	1.04	0	1.04	0	0
IPR015021	1.5	1.5	0	0	0
IPR002753	1.8	0	0	1.8	0
IPR002758	1.23	0	1.18	1.73	0
IPR006980	2.2	0	2.5	1	0
IPR003805	1.05	0	1.05	1	0
IPR003804	1.45	0	1.47	1.18	0
PD020942	1.31	0	1.31	0	0
IPR014849	1	1	0	0	0
IPR014843	1.25	1.33	1	0	0
IPR014841	1	1	0	0	0
IPR014840	1	1	0	0	0
IPR014845	1.36	1	1.44	1	0
PTHR19269:SF3	1	1	0	0	0
PTHR21846	1.07	1.07	0	0	0
PTHR21844	1.11	1.11	0	0	0
PTHR21845	1.38	1.38	0	0	0
TIGR01881	1.5	0	0	1.5	0
TIGR01884	1.12	0	0	1.12	0



TIGR01889	7.94	0	7.94	0	0
IPR014245	1.09	0	1.09	0	0
PF10748	1.02	0	1.02	0	0
PTHR23033	1.07	1.07	0	0	0
PTHR23035	1.8	1.8	0	0	0
PF06408	1.07	0	1.07	1	0
PTHR14972:SF3	1.6	1.6	0	0	0
PTHR14972:SF1	1.33	1.33	0	0	0
IPR021414	1.09	1.62	1	1.17	0
IPR021415	1.45	0	1.45	0	0
IPR021412	1.05	0	1.05	0	0
IPR021413	1.17	2	1.15	0	0
PTHR21475	1.11	1.11	0	0	0
TIGR00613	1	0	1	0	0
TIGR00611	1	0	1	0	0
TIGR00618	1	0	1	0	0
IPR007078	1.04	0	1.04	0	0
IPR007079	1.04	0	1.04	0	0
MF_00081	1	0	1	0	0
IPR007839	1.07	0	2	1.03	0
IPR007837	2.62	2	2.62	0	0
MF_01421	1	0	1	0	0
IPR015288	1	0	0	1	0
IPR015287	1.18	0	1.18	0	0
IPR019704	1	0	1	0	0
IPR007304	1.19	1.19	0	0	0
IPR007305	1.64	1.64	0	0	0
IPR007306	1.11	1.11	0	0	0
PF08616	1.21	1.21	0	0	0
PTHR18849	2.1	2.1	0	0	0
PTHR15337:SF1	2.17	2.17	0	0	0
IPR021357	1.01	0	1.01	0	0
IPR021354	1.08	0	1.08	0	0
IPR021351	1	0	1	0	0
IPR008686	3.67	3.67	0	0	0
IPR008681	1.26	0	1.26	0	0
IPR016974	1	0	1	0	0
IPR016977	1	0	1	0	0
IPR016971	1.83	1.83	0	0	0
IPR005304	1.19	1.23	0	1.08	0
IPR018536	2.6	0	2.6	0	0
IPR009781	1.08	0	1.08	0	0
PF12597	1.07	1.07	0	0	0
IPR011313	1	0	0	1	0
IPR011314	1	0	0	1	0
IPR011317	1	0	0	1	0
PTHR13453	1.19	1.19	0	0	0
PTHR13459	1.39	1.39	0	0	0
PF12048	1.02	0	1.02	0	0
PF11583	1.94	0	1.95	1	0
PTHR17206	1.4	1.4	0	0	0
IPR006829	2.79	1	2.84	0	0
IPR010190	1	0	1	0	0
PTHR15208	1.23	1.23	0	0	0
IPR016568	1.2	0	1.2	0	0
IPR016560	1	1	0	0	0
IPR016566	1	0	1	0	0
IPR016565	1.2	1.2	0	0	0
PF10970	1	0	1	0	0
PD396235	1	0	1	0	0
PTHR20904	2	2	0	0	0
PTHR20905	3.62	3.62	0	0	0
PTHR20906	1.14	1.14	0	0	0
PTHR20907	2.36	2.36	0	0	0
PTHR20909	2.42	2.42	0	0	0
PTHR22123	1.08	1.08	0	0	0
IPR020171	1	0	1	0	0
IPR020173	1.06	0	1.06	0	0
TIGR02894	2.04	0	2.04	0	0

IPR008394	1.2	0	1.2	0	0
PD030263	1	0	0	1	0
IPR021624	1	1	0	0	0
PD049651	1	0	1	0	0
TIGR03071	1	0	1	0	0
TIGR03076	1	0	1	0	0
IPR018735	1.05	0	1.05	0	0
IPR018736	1.01	1	1.01	0	0
IPR018731	1.45	1.45	0	0	0
IPR018733	1.82	0	1.82	0	0
IPR018732	1.74	1.74	0	0	0
IPR015277	1	0	1	0	0
IPR015278	1	0	1	0	0
TIGR02302	1	0	1	0	0
TIGR02304	1	0	1	0	0
TIGR00792	2.2	0	2.2	0	0
IPR005854	1.2	1.33	1	0	0
TIGR00862	3.8	3.8	0	0	0
PD439017	1	0	1	0	0
IPR007986	1.6	0	1.6	0	0
IPR007985	2.42	0	2.42	0	0
IPR010352	1.24	0	1.24	0	0
IPR010356	1.13	0	1.13	0	0
IPR010354	1.22	2.43	1.13	0	0
IPR010358	1.6	1.6	0	0	0
PTHR12934:SF1	1	1	0	0	0
IPR003180	1.07	1.92	1.03	1	0
MF_01658	1	0	1	0	0
PTHR19237	1.14	1.17	1	0	0
MF_00387	1	0	1	0	0
IPR003157	1	0	1	0	0
IPR008520	2.46	0	2.46	0	0
IPR008524	1	0	1	0	0
IPR008526	1.03	1	1.03	0	0
IPR008529	2.08	0	2.08	0	0
PTHR13083	1.06	1.06	0	0	0
PF06137	5	5	0	0	0
PF10575	1.46	0	1.46	0	0
IPR009693	1.06	0	1.06	0	0
PF12363	1.33	0	1.33	0	0
IPR011122	1.27	0	1.27	0	0
PTHR23247	4.56	4.56	0	0	0
PD071248	1	0	1	0	0
IPR014573	1	0	0	1	0
IPR010653	1.1	0	1.1	0	0
IPR014574	1	0	0	1	0
IPR017008	1.09	0	1.1	1	0
IPR017000	3.38	3.38	0	0	0
IPR017006	1	0	0	1	0
PTHR13049	1	1	0	0	0
IPR010591	1.17	1.17	0	0	0
IPR019138	1.25	1.25	0	0	0
PTHR21359	1.38	1.38	0	0	0
PTHR21354	1.1	1.1	0	0	0
PTHR21352	1.07	1.07	0	0	0
TIGR02228	1.42	1	1.42	1.5	0
IPR018981	1.08	0	1.08	0	0
PTHR21444:SF5	2.6	2.6	0	0	0
PTHR21972	1	1	0	0	0
IPR000612	1.62	4.13	1.07	0	0
TIGR02910	1.06	0	1.06	0	0
PTHR21419:SF10	1.67	1.67	0	0	0
PTHR18973:SF10	1	1	0	0	0
IPR021125	1.05	0	1.05	0	0
IPR021126	3.4	3.4	0	0	0
IPR021123	2.13	0	2.13	0	0
PTHR22091	1.29	1.29	0	0	0
PTHR22095	1.21	1.21	0	0	0
PTHR22546	2	2	0	0	0

IPR019659	1.25	0	1.25	0	0
IPR019658	1.78	0	1.78	0	0
IPR019654	1.02	1.17	1	0	0
IPR019657	1.13	0	1.13	0	0
IPR019656	1.03	0	1.03	0	0
IPR019651	1.13	1.25	1.09	0	0
IPR019652	1.02	0	1.02	0	0
IPR021783	1	0	1	0	0
IPR021784	2.04	0	2.04	0	0
IPR021787	1.58	0	1.58	0	0
IPR021788	1.68	4.33	1	0	0
PD191299	2	2	0	0	0
IPR021877	1.2	0	1.2	0	0
IPR021874	1.22	0	1.22	0	0
IPR021879	1	0	1	0	0
PTHR14027:SF2	1.14	1.17	1	0	0
PTHR10779	1.05	1.05	0	0	0
IPR009108	1.33	0	1	1.38	0
IPR009103	2.67	2.67	0	0	0
IPR009106	2	2	0	0	0
IPR011728	1	0	1	0	0
IPR007918	1.23	1.23	0	0	0
IPR011726	1.05	0	1.05	1	0
IPR011720	1	0	1	0	0
IPR009814	2	0	2	0	0
IPR007412	1.17	0	1.17	0	0
IPR007413	1.02	0	1.02	0	0
IPR007416	1.04	0	1.04	0	0
IPR007417	1	0	0	1	0
IPR016735	1	0	0	1	0
IPR013014	1	0	1	0	0
PTHR15654	1.43	1.43	0	0	0
PTHR18978	1.75	1.75	0	0	0
IPR017072	1	1	0	0	0
PTHR13166	1.17	1.17	0	0	0
PTHR13168	1.65	1.65	0	0	0
PTHR13169	1.35	1.35	0	0	0
IPR008772	1.06	0	1.06	1	0
IPR008773	1.04	0	1.04	1	0
PD065638	1	0	1	0	0
PTHR22530	1.11	1.11	0	0	0
IPR015977	1.22	1.55	1.18	1	0
TIGR01583	1.1	0	1.1	0	0
PTHR16266:SF2	1	1	0	0	0
TIGR02592	1	0	1	1	0
PTHR22422:SF1	1	1	0	0	0
PTHR22422:SF2	1	1	0	0	0
PTHR22708	1.19	1.19	0	0	0
IPR003685	1.18	1.89	1	0	0
IPR003687	1.12	1.62	1	0	0
IPR003686	1.1	1.5	1	0	0
IPR013252	1.15	1.15	0	0	0
IPR013251	1	1	0	0	0
PF08568	1.51	1.51	0	0	0
PF08695	1	1	1	0	0
IPR007382	1.05	0	1.05	0	0
IPR007384	1.01	0	1.01	0	0
IPR007385	1.06	0	1.06	0	0
IPR007386	1.02	1	1.05	1	0
IPR012614	1	0	1	0	0
IPR012610	1.86	0	1.86	0	0
IPR012611	1	0	1	0	0
IPR012612	1	0	1	0	0
IPR019195	1.04	1.25	1.03	1	0
IPR019193	1.5	1.5	0	0	0
IPR019199	1.5	0	1.52	1.36	0
IPR018824	4	4	0	0	0
PTHR18964:SF13	1	0	1	0	0
PTHR10499:SF5	1	1	1	0	0

IPR010446	1.25	1	1.27	0	0
IPR010444	1.31	0	1.31	0	0
IPR010448	2.37	2.37	0	0	0
PF05069	1.27	0	1.27	0	0
IPR018315	1.51	1.51	0	0	0
PTHR11852	1.29	1.48	1.06	0	0
IPR014924	1.96	0	1.96	0	0
IPR014926	1.12	0	1.12	0	0
IPR014921	1	0	1	0	0
MF_01145	1	0	1	0	0
PTHR14735	1.57	1.57	0	0	0
MF_00237	1	0	1	0	0
MF_00234	1	0	0	1	0
PTHR22551:SF1	1.18	1.18	0	0	0
PD822638	2	2	0	0	0
PF03059	1.96	3.3	1.13	1.67	0
IPR004356	1.19	0	1.19	0	0
TIGR01637	1.27	0	1.27	0	0
TIGR01636	1.38	0	1.38	0	0
PTHR20988	1.28	1.28	0	0	0
PTHR20980	2	2	0	0	0
PTHR20983	1.29	1.29	0	0	0
PTHR20987	6.36	6.36	0	0	0
IPR016972	3	3	0	0	0
IPR016978	1	0	1	0	0
PTHR12487:SF1	1	1	0	0	0
IPR011502	1.71	1.71	0	0	0
PTHR22932	1	1	0	0	0
TIGR02385	1.07	0	1.07	0	0
PD320837	1.09	1.15	1.05	0	0
PD492528	2.6	2.6	0	0	0
IPR010938	1.02	0	1.02	0	0
IPR007023	1.33	1.33	0	0	0
IPR021093	1	0	1	0	0
IPR021098	1.11	0	1.11	0	0
IPR000274	1.03	2	1.02	0	0
IPR000271	1.02	1.23	1.01	0	0
PTHR22776:SF6	1.17	1.17	0	0	0
IPR004598	1.29	1.3	1	0	0
IPR012422	1.15	0	1.15	0	0
IPR012420	1	1	0	0	0
IPR011217	1	0	1	0	0
IPR011213	1	0	1	0	0
IPR019276	1.16	0	1.16	0	0
IPR007920	1	0	1	0	0
IPR007925	1.08	0	1.08	0	0
IPR007927	1.83	0	1.83	0	0
IPR016684	1	0	1	0	0
IPR016680	1	1	0	0	0
PTHR15099	1.11	1.11	0	0	0
PTHR15093	1.33	1.4	1	0	0
IPR017088	3.4	3.4	0	0	0
PF11124	1	1	0	0	0
PF11121	1.47	0	1.47	0	0
IPR016885	1	0	1	0	0
IPR016884	1	0	1	0	0
PD177368	1	0	1	0	0
IPR016888	1.05	0	1.05	0	0
TIGR00173	1	0	1	0	0
TIGR00284	1	0	0	1	0
TIGR00282	1	0	1	0	0
IPR021880	1.62	0	1.62	0	0
PTHR22019	1.25	1.25	0	0	0
PTHR22016	1.08	1.08	0	0	0
IPR021708	1.03	0	1.03	0	0
IPR021709	2.2	2.2	0	0	0
IPR009569	1.52	2	1.51	0	0
IPR021705	1	0	1	0	0
IPR021707	1.28	0	1.28	0	0

IPR009561	1.19	0	1.29	1	0
TIGR00905	1.14	0	1.14	0	0
PTHR21094	1.17	1.17	0	0	0
PTHR21097	1.08	1.08	0	0	0
IPR008855	1.33	1.33	0	0	0
PD460230	1	0	1	0	0
IPR009896	1	0	1	0	0
IPR010010	1	1	1	0	0
IPR008805	1.62	1.62	0	0	0
PF09677	1.27	0	1.27	0	0
IPR007497	1.22	1.21	1.23	1.06	0
IPR017245	1.17	1.17	0	0	0
IPR017246	1.12	1.12	0	0	0
IPR017242	1.23	1.23	0	0	0
IPR017243	1.29	1.29	0	0	0
IPR017248	2.25	2.25	0	0	0
PTHR22875:SF1	1.61	1.61	0	0	0
IPR003446	1.26	0	1.26	0	0
IPR013635	1.03	1.03	0	0	0
IPR019359	1.57	1.57	0	0	0
IPR019354	1.93	1.93	0	0	0
IPR019355	1.45	1.45	0	0	0
IPR019356	1.7	1.7	0	0	0
IPR019357	1.19	1.19	0	0	0
PF06274	1.1	0	1.1	0	0
PD053407	1	0	1	0	0
PTHR12873	1.09	1.14	1	0	0
IPR016800	1	0	0	1	0
IPR016803	2	2	0	0	0
IPR016802	2	2	0	0	0
IPR005232	1	0	1	0	0
IPR009794	1.09	0	1.09	0	0
IPR009797	1.41	0	1.41	0	0
IPR009796	2	0	2	0	0
IPR009790	3.1	3.1	0	0	0
PTHR19242:SF91	1	0	1	0	0
PD037531	1.05	0	1.06	1	0
PTHR16742:SF2	1	1	0	0	0
IPR009423	1.12	1.12	0	0	0
IPR009422	1.38	1.38	0	0	0
IPR009420	1.05	0	1.05	0	0
PTHR16703:SF1	1.6	1.6	0	0	0
IPR014189	1.09	1.5	1	0	0
IPR006958	1.1	1.1	0	0	0
IPR006959	10.67	0	10.67	0	0
IPR006952	2.5	2.5	0	0	0
PD140898	2	2	0	0	0
PTHR21737:SF3	1.22	1.22	0	0	0
IPR010751	1.32	1	1.33	0	0
PTHR15118	2.67	2.67	0	0	0
PTHR12463	1.33	1.33	0	0	0
PTHR12460	1.5	1.5	0	0	0
PTHR11527:SF15	1	1	1	1	0
PTHR15137:SF8	1	1	0	0	0
PTHR11246:SF5	1.21	1.21	0	0	0
PTHR11246:SF3	1.14	1.14	0	0	0
IPR019618	4.88	0	4.88	0	0
IPR007252	1.93	1.93	0	0	0
IPR007251	1.46	1.73	1.42	0	0
IPR020955	1.05	0	1.05	0	0
IPR020950	3.42	3.42	0	0	0
PD349947	1.4	1.4	0	0	0
IPR020378	1.02	1	1.02	1	0
TIGR00327	1	1	0	1	0
PTHR19134:SF29	1.33	1.33	0	0	0
IPR015064	1.04	0	1.04	0	0
IPR019117	1.07	0	1.02	1.21	0
PTHR21082:SF1	1.18	1.18	0	0	0
PTHR13578:SF12	1.14	1.14	0	0	0

PTHR13578:SF13	1.2	1.2	0	0	0
IPR021932	1	0	1	0	0
IPR021937	4.45	1	4.8	0	0
IPR021936	1	0	1	0	0
PF09993	1.07	0	1.07	0	0
IPR018643	1.01	0	1.01	0	0
IPR018645	1.38	0	0	1.38	0
IPR018644	1.15	0	1.15	1.17	0
IPR018648	1.02	1	1.02	0	0
IPR009229	1	0	1	0	0
IPR009228	1.3	1	1.3	0	0
IPR018390	1	0	1	0	0
IPR009918	1.02	0	1.02	0	0
IPR009916	1.54	0	1.54	0	0
IPR009914	1.12	1.12	0	0	0
IPR009910	1.87	0	1.87	0	0
IPR017169	1.29	1.29	0	0	0
IPR010220	1.75	0	1.75	0	0
PTHR11521:SF1	1.33	1.33	0	0	0
PF09622	1.03	0	1.04	1	0
IPR019250	1	0	1	1	0
IPR019253	1.06	0	1.06	0	0
IPR008634	1.14	0	1.12	1.25	0
IPR008633	1.17	0	1	1.25	0
IPR005002	1.32	1.36	1	0	0
PF02090	1	0	1	0	0
PTHR12899	1.06	1.06	0	0	0
IPR011630	1.64	0	1.64	0	0
PTHR22428	2.5	2.5	0	0	0
PTHR22425	2.75	2.75	0	0	0
PTHR22424	1.36	1.36	0	0	0
PTHR22420	1.5	1.5	0	0	0
PTHR21198	1	0	1	0	0
PTHR21195	2.17	2.17	0	0	0
TIGR02132	1	0	1	0	0
IPR006008	1.09	1	1.09	0	0
IPR007754	1.77	1.77	0	0	0
IPR007752	36	1	44.75	0	0
MF_00039	1	0	0	1	0
PD191663	1	0	1	0	0
IPR000764	1	1	1	0	0
IPR000769	1.2	1	1.22	0	0
IPR013446	1	0	1	0	0
IPR012711	1.17	0	1.17	0	0
PF12191	1	1	0	0	0
IPR021011	1	0	1	0	0
IPR019096	1.38	0	1.38	0	0
IPR019094	1	0	1	0	0
PTHR13559	1.24	1.24	0	0	0
PTHR13557	1.11	1.11	0	0	0
IPR015157	1.31	1.31	0	0	0
IPR022090	1	0	1	0	0
IPR010522	1.1	0	1.1	0	0
PF05309	1.57	0	1.57	0	0
PTHR11953	1	1	0	1	0
IPR011431	1	1	0	0	0
IPR011435	2.17	0	2.17	2	0
IPR011437	1.93	0	1.93	0	0
IPR011438	2.1	0	2.1	0	0
IPR014603	1.27	0	1.27	0	0
IPR010386	1.06	0	1.06	0	0
IPR010387	1.12	0	1.12	1.25	0
IPR013875	1	1	0	0	0
IPR003179	2.47	0	0	2.47	0
IPR003178	1.24	0	0	1.24	0
IPR003177	2.91	2.91	0	0	0
IPR016606	3.33	3.33	0	0	0
IPR016605	2.5	2.5	0	0	0
IPR016602	1.13	0	1.15	1	0

IPR016601	1	0	1	0	0
IPR012837	1	0	1	0	0
PF10831	1	0	1	0	0
PF10833	1	0	1	0	0
PF10832	1	0	1	0	0
PF10834	1	0	1	0	0
PTHR12097	1.33	1.33	0	0	0
PTHR10628:SF7	2.14	2.14	0	0	0
IPR021621	1	0	1	0	0
PF11877	1	0	1	0	0
PF02114	2.19	2.19	0	0	0
IPR020520	1	1	0	0	0
IPR020525	1	1	1	0	0
IPR020524	1.57	1.57	0	0	0
PF05462	1.33	1.33	0	0	0
PF05468	1.27	0	1.27	0	0
TIGR03401	1	1	0	0	0
PTHR23147	1.27	1.27	0	0	0
TIGR01295	1	0	1	0	0
PD178468	1.75	1.75	0	0	0
TIGR02750	1.43	0	1.43	0	0
PTHR21446:SF2	1.75	1.75	0	0	0
TIGR01128	1	0	1	0	0
PTHR21544	1.14	1.14	0	0	0
IPR009472	1.33	1.12	1.37	0	0
IPR022253	1	0	1	0	0
PD040491	1	0	1	0	0
IPR009476	1.27	0	1.28	1	0
TIGR03185	1.07	0	1.08	1	0
PTHR22909:SF4	1.6	1.6	0	0	0
PTHR22909:SF5	1.27	1.27	0	0	0
IPR006631	23.33	23.33	0	0	0
MF_01596	1	0	1	0	0
IPR003375	1.26	2	1.09	0	0
PTHR19410:SF85	1.12	1.25	1.08	0	0
IPR007278	13.94	0	13.94	0	0
IPR007277	1.2	1.2	0	0	0
PF07638	2.06	0	2.06	0	0
IPR004721	1	1	1	0	0
IPR009713	1.29	0	1.29	0	0
IPR001260	1.05	1.19	1.03	0	0
IPR021221	1.14	0	1.14	0	0
IPR021220	1.53	0	1.53	0	0
PTHR12295:SF12	3.2	3.2	0	0	0
IPR018482	1.71	1.71	0	0	0
PTHR13058:SF5	1	1	0	0	0
PF12206	1	0	1	0	0
IPR019681	1.03	0	1.03	0	0
IPR019686	1.05	0	1.05	0	0
IPR019687	1	0	1	0	0
PTHR10924	1.44	1.44	0	0	0
IPR011088	1	0	1	0	0
PTHR13743	1	1	0	0	0
IPR002765	1.3	1	1.32	1.24	0
IPR002760	1.64	0	1	1.78	0
IPR002763	1.41	1	1.39	1.72	0
PTHR10366:SF3	1	1	1	0	0
PTHR10210	1.09	1.12	1	0	0
PTHR15197	1.73	1.73	0	0	0
PTHR15199	1.8	1.8	0	0	0
PD175181	1	0	1	0	0
IPR016418	1.33	0	1.33	0	0
IPR016419	1	0	1	0	0
IPR007039	2.22	0	2.22	0	0
PTHR13843:SF5	1.25	1.25	0	0	0
PTHR13843:SF1	1.6	1.75	1	0	0
PTHR21831	1	1	0	0	0
PTHR12381:SF3	1.17	1.17	0	0	0
IPR020488	1	0	1	0	0

IPR020489	1	0	1	0	0
IPR020485	1	1	0	0	0
IPR020487	1.21	0	1.21	0	0
IPR020483	1.02	0	1.02	0	0
TIGR01708	1	0	1	0	0
PTHR20878	1.67	1.67	0	0	0
PTHR20879	1	1	0	0	0
PTHR20875	1	1	0	0	0
PTHR20877	1	1	0	0	0
IPR021429	1.82	1.82	0	0	0
IPR021427	6.8	0	6.8	0	0
IPR021426	1.02	0	1.02	0	0
IPR021420	1.1	1.5	1	0	0
TIGR02547	1	0	1	0	0
PTHR23271:SF1	1.33	1.33	0	0	0
IPR000989	1.24	0	1.24	0	0
PD339107	1.1	1	1.11	0	0
IPR009996	1.03	0	1.03	0	0
IPR009995	1	0	0	1	0
IPR009993	1.01	0	1.01	0	0
IPR009991	1.4	1.4	0	0	0
IPR009999	1.58	0	1.58	0	0
IPR009998	1.09	0	1.09	0	0
IPR006774	1	1	0	0	0
IPR007845	1.08	0	1.08	0	0
IPR007841	1.05	0	1.01	1.2	0
PF09135	1	1	0	0	0
IPR007595	12.53	0	12.53	0	0
IPR010807	1.04	0	1.04	0	0
IPR007334	1.02	0	1.02	0	0
IPR007337	1.48	1	1.48	0	0
IPR007336	1.03	0	1.03	0	0
IPR001656	1.13	1.34	1.07	1.11	0
IPR001651	2.18	2.18	0	0	0
IPR001653	2.11	2.25	2.11	2	0
IPR004684	1.27	0	1.27	0	0
IPR004685	1.66	0	1.66	0	0
PTHR21426:SF2	1.67	1.67	0	0	0
IPR016922	1.04	0	1.04	0	0
IPR016923	1	0	1	0	0
IPR016921	1	0	1	0	0
IPR016924	1.05	0	1.05	0	0
IPR005378	1.66	1.66	0	0	0
IPR002685	4.27	4.34	2	0	0
IPR002682	1.14	1.75	1	0	0
IPR002680	1.92	2.44	1.09	0	0
IPR018563	1	0	1	0	0
PTHR16524	1.75	1.75	0	0	0
IPR009507	1.02	1	1.02	0	0
IPR005080	1.03	0	1.03	0	0
IPR009502	1.05	0	1.05	0	0
PTHR19446:SF98	7.67	7.67	0	0	0
PTHR13466	1	1	0	0	0
PF12070	1.97	1.97	0	0	0
IPR009665	1.48	0	1.48	0	0
PF04944	1.16	0	1.16	0	0
PTHR10432:SF56	1.08	1.1	1	0	0
PTHR10432:SF51	1.2	1.2	0	0	0
TIGR01395	1.33	0	1.33	0	0
IPR010495	1.2	0	1.2	0	0
IPR010498	1	1	1	0	0
IPR021579	1	0	1	0	0
IPR010144	1.08	0	1.08	1	0
IPR010148	1.09	0	1.1	1	0
IPR010149	1.02	0	1.02	1	0
PTHR14781	1.77	1.77	0	0	0
IPR009780	1.06	0	1.06	0	0
PTHR21114	1.6	1.6	0	0	0
PTHR21115	3.14	3.14	0	0	0



PTHR21111	1	1	0	0	0
PD580032	1	0	1	0	0
PD736990	2	2	0	0	0
PTHR10663:SF13	1	1	0	0	0
PF07269	1	0	1	0	0
PTHR13902:SF6	2.67	2.67	0	0	0
PTHR20931	1.91	1.91	0	0	0
PTHR20933	1	1	0	0	0
IPRO20144	1	0	1	0	0
IPRO20146	1.05	0	1.05	0	0
IPRO20140	1	0	1	0	0
IPRO20143	1	0	1	0	0
IPRO01414	1.67	1.67	0	0	0
IPRO19016	1.5	0	1.17	1.6	0
PD205440	1	0	1	0	0
PTHR22307	1.85	1.85	0	0	0
PTHR21656	2.74	2.74	0	0	0
PTHR21655	1.5	1.5	0	0	0
PTHR21651	1.67	1.67	0	0	0
IPRO18760	1.07	0	1.07	1	0
IPRO18766	1.61	0	1.66	1	0
PTHR18958:SF13	1.67	1.67	0	0	0
IPRO15221	1.11	1.13	0	1	0
PTHR22611:SF4	1.08	1.08	0	0	0
PD031037	1.1	0	1.1	0	0
IPRO16667	1	0	1	0	0
IPRO05642	1.23	0	1.27	1.04	0
IPRO10306	1.04	0	1.04	1	0
PTHR13768:SF2	1.5	1.5	0	0	0
PTHR13768:SF5	1.06	1.06	0	0	0
IPRO02802	1	0	1	1	0
IPRO02803	1.03	0	1.04	1.03	0
PTHR14403:SF2	1.67	1.67	0	0	0
IPRO00402	5.13	5.13	0	0	0
PTHR15544	1.6	1.6	0	0	0
PTHR19240	1	1	0	0	0
PF10855	1	0	1	0	0
TIGR01975	1	0	1	0	0
PTHR16220	1.1	1.1	0	0	0
IPRO09338	2.15	0	2.15	0	0
IPRO09335	1.03	0	1.03	1	0
IPRO09334	1.11	1	1.11	0	0
IPRO09333	1.69	0	1.69	0	0
IPRO09331	2.06	0	2.06	0	0
IPRO11179	1	0	1	1	0
PF11361	1.36	0	1.36	0	0
TIGR01213	1	0	0	1	0
PTHR14332	6.83	6.83	0	0	0
PTHR21326	2.07	2.07	0	0	0
TIGR03101	1	0	1	0	0
TIGR03100	1	0	1	0	0
TIGR02270	1.67	0	1.67	0	0
TIGR02274	1	0	1	0	0
IPRO09348	1.13	1.13	0	0	0
IPRO07149	1.46	1.46	0	0	0
IPRO07144	1.18	1.18	0	0	0
IPRO07143	1.21	1.21	0	0	0
IPRO07140	2.17	0	2.16	4	0
IPRO21116	4.36	4.36	0	0	0
IPRO21111	1.11	0	1.11	0	0
PTHR22539	1.15	1.15	0	0	0
PTHR22533	1	1	0	0	0
IPRO19603	1	1	0	0	0
IPRO19600	1.04	0	1.04	0	0
IPRO19608	1	0	1	0	0
IPRO12589	1.33	1.33	0	0	0
PTHR16797	1.33	1.33	0	0	0
IPRO15058	1.09	0	1.09	0	0
IPRO21809	1.05	0	1.05	0	0

IPR021806	1.06	0	1.06	0	0
IPR021804	1.06	1	1.06	0	0
IPR021803	1.03	0	1.03	0	0
IPR021801	2.17	0	2.17	0	0
IPR008886	1.44	0	1.44	1	0
IPR002101	3	3	0	0	0
PD458455	1	0	1	0	0
PD020932	1.75	1.75	0	0	0
PTHR15660	1	1	0	0	0
IPR007423	1.27	1	1.27	0	0
IPR007422	1.04	0	1.04	0	0
IPR007427	1.11	1	1.12	1	0
IPR016768	1.02	0	1.02	0	0
IPR016769	1.6	0	1.6	0	0
IPR016760	1	0	0	1	0
IPR016762	1	0	0	1	0
IPR016764	1	0	0	1	0
IPR016767	1	0	1	0	0
PTHR15361:SF2	1.8	1.8	0	0	0
PTHR15361:SF1	1.8	1.8	0	0	0
PF04465	1.24	0	1.26	1.12	0
PF04462	1.04	0	1.05	1	0
IPR013294	1.5	1.5	0	0	0
IPR016498	1	0	1	0	0
IPR016499	1	0	1	0	0
IPR004445	1.12	1	1.13	1	0
IPR014570	1	0	1	0	0
PTHR10357:SF24	1	1	1	0	0
PF05783	1.77	1.77	0	0	0
PF05786	1.77	1.77	0	0	0
PTHR14270	1.09	1.09	0	0	0
IPR014592	1	0	1	0	0
PTHR12816:SF5	1	1	0	0	0
PTHR22739	1.91	1.91	0	0	0
TIGR00661	1	0	1	0	0
IPR022110	5.8	5.8	0	0	0
PTHR15268:SF4	2.33	2.33	0	0	0
PTHR21283	1.5	1.5	0	0	0
IPR009272	2.36	0	1	2.88	0
TIGR03318	1	0	1	0	0
IPR009276	1.77	0	1.78	1	0
IPR009274	1.32	0	1.32	0	0
PTHR19237:SF4	2.25	2.25	0	0	0
PTHR12932:SF10	1	1	0	0	0
IPR010886	1.23	0	1.23	0	0
IPR010888	1.05	0	1.05	0	0
PD024016	1.04	0	1.04	0	0
PF06330	2.9	2.9	0	0	0
IPR012657	1.25	0	1.25	0	0
IPR012620	1	0	1	0	0
IPR001384	1.92	2.16	1	0	0
IPR021308	1.23	0	1.23	0	0
IPR021306	1.01	0	1.01	0	0
IPR021307	1.17	0	1.17	0	0
IPR021300	1.23	0	1.23	0	0
IPR021302	1.04	0	1.04	0	0
IPR009585	2.67	0	2.67	0	0
IPR009587	1.02	0	1.02	0	0
IPR008185	3.24	4.45	1	1	0
IPR010410	6.14	6.14	0	0	0
IPR010411	1.38	0	1.38	0	0
PF05017	13.4	40	6.75	0	0
IPR014917	1.35	0	1.35	0	0
IPR014910	1.01	0	1.01	0	0
IPR014913	1	0	1	0	0
MF_00788	1	0	0	1	0
PF11055	1	1	0	0	0
PF11058	1.14	0	1.14	0	0
IPR016518	1.73	1.71	1.76	1	0

PTHR12703	1.25	1.25	0	0	0
IPR016513	1	0	1	0	0
IPR016512	1	0	1	0	0
IPR016511	1	0	1	0	0
IPR013948	1.13	1.14	1	0	0
PF10904	1	0	1	0	0
PF10907	1.86	0	1.86	0	0
PTHR10967:SF26	1	1	0	0	0
IPR019404	1.11	1.11	0	0	0
TIGR01660	1.06	0	1.06	1	0
TIGR01668	1.1	0	1.1	0	0
IPR020233	1	1	0	0	0
IPR020231	1	0	1	0	0
TIGR00040	1	1	1	1	0
PD195745	1	0	1	0	0
TIGR03536	1	0	1	0	0
TIGR00375	1.17	0	1.17	0	0
PTHR22385	1.14	1.14	0	0	0
MF_01191	1	0	1	0	0
PTHR12778:SF3	1.49	1.49	0	0	0
PTHR12778:SF2	1	0	1	0	0
MF_01195	1	0	1	0	0
IPR021670	1	0	1	0	0
IPR021671	1	0	1	0	0
IPR021678	1.18	0	1.18	0	0
IPR021679	1.08	0	1.08	0	0
PD026929	1	0	1	0	0
IPR016595	1	0	1	0	0
IPR002882	1.16	1.11	1.17	1.04	0
IPR006707	2.45	0	2.45	0	0
MF_01681	1	0	1	0	0
IPR010404	1.7	1.43	1.76	0	0
IPR000956	3.52	3.52	0	0	0
IPR003752	1.31	2	1.31	1	0
PF08745	1.04	0	1	1.06	0
MF_00088	1.03	0	1.03	0	0
PF07298	1.28	1.6	1.26	0	0
IPR013744	1.4	1.47	1	0	0
IPR013743	1.67	1.67	0	0	0
IPR008576	1.32	1.32	0	0	0
IPR008577	1	0	1	0	0
PD024222	1	0	1	0	0
IPR000226	4.5	4.5	0	0	0
IPR021531	2.21	0	2.21	0	0
IPR008392	1.57	1.57	0	0	0
PTHR12981	1.38	1.38	0	0	0
PTHR21694:SF2	2.92	2.92	0	0	0
PTHR12984	1.09	1.09	0	0	0
PTHR12988	1.25	1.25	0	0	0
IPR009621	1.17	1.17	0	0	0
IPR009620	3.52	0	3.62	1	0
IPR009623	1	0	1	0	0
IPR009622	1.12	1.12	0	0	0
IPR009625	1	0	0	1	0
IPR009624	1.04	0	1.04	0	0
IPR009627	1.02	0	1.02	1	0
PD037484	1.18	0	1.18	0	0
PTHR13586	2	2	0	0	0
PTHR13632	1.13	1.13	0	0	0
PTHR13633	1.12	1.12	0	0	0
PTHR13634	1	1	0	0	0
PTHR14005	1.12	1.12	0	0	0
IPR010595	1.2	0	1.2	0	0
IPR010590	1.05	0	1.05	0	0
IPR010592	1	0	1	0	0
IPR010626	3.07	2	3.09	0	0
IPR007919	1.43	1.43	0	0	0
PTHR15354	2	2	0	0	0
IPR007911	1.28	0	1.28	0	0

IPR007910	3.67	0	3.67	0	0
IPR007914	1.27	1.27	0	0	0
PTHR12516	1.21	1.21	0	0	0
PTHR12513	3.17	3.17	0	0	0
PTHR12519	3.54	3.54	0	0	0
PTHR19306:SF1	1.33	1.33	0	0	0
PTHR21908	1	1	0	0	0
PD338207	1.27	0	1.27	0	0
PTHR23242:SF3	1.05	1.06	1	0	0
IPR020066	2.5	2.5	0	0	0
TIGR02949	1	0	1	0	0
PTHR15128	1.67	1.67	0	0	0
IPR021730	1.16	0	1.16	0	0
IPR021732	1	1	1	0	0
IPR021734	2.34	0	2.38	2	0
IPR021737	1.02	0	1.02	1	0
IPR021736	1	0	1	0	0
IPR021738	1.21	0	1.21	0	0
PTHR22027	1.25	1.25	0	0	0
PTHR22028	1.24	1.24	0	0	0
IPR021889	1.24	1	1.35	0	0
IPR021888	1	0	1	0	0
IPR008802	3.29	3.29	0	0	0
IPR008800	1	0	1	0	0
PTHR21041	1	1	0	0	0
PTHR21048	1.75	1.75	0	0	0
PTHR16267:SF1	1.64	1.64	0	0	0
PTHR11738:SF13	1.25	1.25	0	0	0
PTHR21084	1.21	1.21	0	0	0
IPR008662	1.88	1.88	0	0	0
IPR005984	1.12	1.12	0	0	0
IPR009868	1	0	1	0	0
IPR009863	1	0	1	0	0
IPR009861	1.17	1.17	0	0	0
IPR009867	1.01	0	1.01	0	0
IPR010027	2.04	0	2.04	0	0
IPR010026	1.07	0	1.07	0	0
IPR010023	1.23	0	1.23	0	0
IPR010022	1.31	0	1.31	0	0
PTHR22543	1.57	1.57	0	0	0
PTHR10943:SF1	1	1	0	0	0
IPR006518	46.25	61.33	1	0	0
IPR006513	1.23	1	1.23	0	0
IPR006516	2.07	0	2.07	0	0
PF09621	1	0	1	0	0
MF_01525	1	0	1	0	0
IPR017278	1	1	0	0	0
IPR017275	1	0	1	0	0
IPR007292	1	1	0	0	0
PTHR11260:SF6	1	1	1	0	0
PF07159	1.89	1.89	0	0	0
IPR001890	1.53	29.25	1.01	1	0
IPR004116	2.57	2.57	0	0	0
IPR016895	1	0	1	0	0
PTHR12820	1	1	0	0	0
PTHR12827	1.15	1.15	0	0	0
PF10798	1.44	0	1.44	0	0
IPR014593	1	0	1	0	0
IPR014201	1.02	0	1.02	0	0
PTHR21019	1.09	1.09	0	0	0
PTHR21202	1	1	0	0	0
PTHR21203	1.07	1.07	0	0	0
TIGR02046	1.03	0	1.03	0	0
IPR000074	5.94	5.75	6.05	4	0
IPR013205	1	0	1	0	0
IPR021386	1.5	1.5	0	0	0
IPR021380	1	0	1	0	0
IPR021381	2	0	2	0	0
IPR021383	1.07	0	1.07	0	0

IPR012565	1	0	1	0	0
IPR012563	1.26	0	1.26	0	0
PTHR13312	1	1	0	0	0
IPR019166	1.39	1.39	0	0	0
IPR019161	1.16	1.17	1	0	0
IPR019160	1.26	1.26	0	0	0
IPR008108	1	0	1	0	0
IPR021960	1.65	0	1.65	0	0
IPR018696	1	0	1	0	0
IPR018694	1	0	0	1	0
IPR018695	1	0	1	0	0
IPR018693	1.05	0	1	1.06	0
IPR018690	1.27	0	1.27	0	0
IPR018691	1.04	0	1.04	0	0
IPR018699	1.03	0	1.04	1	0
IPR005556	2.08	2.08	0	0	0
IPR005554	1.25	1.25	0	0	0
IPR014447	1	0	1	0	0
IPR014448	1	0	1	0	0
IPR006230	1.04	0	1.04	0	0
IPR007548	1.2	0	1.14	1.33	0
IPR007546	1.02	0	1.02	0	0
PTHR18207	3.14	3.14	0	0	0
MF_01199	1	0	1	0	0
IPR014999	1.02	1	1.02	0	0
IPR014998	1.21	0	1.23	1	0
IPR014993	1.02	0	1.02	0	0
PF04585	1.66	0	1.66	0	0
IPR016599	1	0	1	0	0
PTHR22443:SF8	2.67	2.67	0	0	0
IPR000532	11.36	11.36	0	0	0
IPR004093	1.7	0	1.7	0	0
PTHR16317	1.6	1.6	0	0	0
PTHR21136:SF1	1.75	1.75	0	0	0
IPR009190	1	0	1	0	0
IPR004329	1.07	1.29	1.07	1	0
IPR004321	1.75	1.75	0	0	0
IPR008661	6	6	0	0	0
IPR004327	2.09	2.09	0	0	0
IPR004324	3.06	7.17	1	0	0
PF10619	1.04	0	1.04	0	0
PTHR12311:SF3	1.1	1.1	0	0	0
PF05516	1.08	1.08	0	0	0
PD035714	1	0	1	0	0
IPR001195	3.6	3.6	0	0	0
PTHR20947:SF1	1.27	1.27	0	0	0
PTHR20947:SF2	1	1	0	0	0
TIGR02665	1	0	1	0	0
IPR006038	6	6	0	0	0
IPR007788	1.11	1.29	1.08	0	0
IPR003207	1.11	0	1.11	0	0
IPR007783	1.41	1.41	0	0	0
IPR006783	6	0	4	6.57	0
IPR006780	8.88	8.88	0	0	0
PTHR19232:SF2	1.4	1.4	0	0	0
PTHR19232:SF1	1.5	1.5	0	0	0
IPR006788	7.33	7.33	0	0	0
IPR003519	1	0	1	0	0
IPR012475	1.11	1.14	1	0	0
IPR012477	1	0	1	0	0
IPR009782	2.17	2.17	0	0	0
IPR019732	1.08	0	1.08	0	0
IPR019733	1.06	0	1.06	0	0
IPR019730	1	0	1	0	0
IPR019731	1	0	1	0	0
IPR008310	1	0	1	0	0
IPR008316	1.42	0	1.42	0	0
IPR008317	1	0	1	1	0
PD608212	1	0	1	0	0

IPR010510	2.33	2.33	0	0	0
MF_01012	1	0	1	0	0
PF05821	1.18	1.18	0	0	0
PTHR11019	1.2	1.5	1	0	0
PF11157	1	0	1	0	0
IPR017382	1.25	1.25	0	0	0
IPR017384	1.3	1.3	0	0	0
PTHR12663	2	2	0	0	0
PTHR14995	1.17	1.17	0	0	0
IPR016386	1	0	1	0	0
IPR016387	1	0	1	0	0
IPR016388	1	0	1	0	0
PTHR12289:SF9	2.17	2.17	0	0	0
PTHR23329:SF3	1.5	1.5	0	0	0
IPR012190	1	0	1	0	0
IPR003209	1.11	1	1.1	1.13	0
IPR007785	1.21	1.21	0	0	0
TIGR03478	1.11	0	1.17	1	0
TIGR02786	1.02	0	1.02	0	0
TIGR02780	1.62	0	1.62	0	0
PTHR13163	1.27	1.27	0	0	0
PTHR21517	1.08	1.08	0	0	0
PTHR22904:SF19	1.57	1.59	1	0	0
IPR022207	2.11	2.11	0	0	0
PD320073	1.67	1.67	0	0	0
IPR006591	1.13	1.16	0	1	0
IPR016431	1	1	1	0	0
PF07665	1.5	0	1.5	0	0
IPR007242	1.09	1.09	0	0	0
MF_00612	1	0	1	0	0
IPR008433	2.14	2.14	0	0	0
IPR008431	1.5	1.5	0	0	0
IPR008435	1.18	1.18	0	0	0
IPR008439	1.91	0	1.91	0	0
IPR008438	2.89	2.89	0	0	0
IPR012397	1	0	1	0	0
IPR021272	1.09	0	1.09	0	0
IPR021273	1.02	0	1.02	0	0
IPR021274	1.08	0	1.08	0	0
IPR021279	1.17	1	1.17	0	0
PTHR11662:SF3	2.37	2.62	1	0	0
PTHR11662:SF4	1.25	1.25	0	0	0
IPR012535	1.2	1.2	0	0	0
IPR009742	4.53	0	4.53	0	0
IPR009746	1.06	0	1.06	0	0
IPR018450	1.11	1.11	0	0	0
PD019538	1	0	1	0	0
IPR002730	1.06	1.09	0	1	0
IPR002739	2.07	0	0	2.07	0
PTHR21673	1.25	1.25	0	0	0
IPR014175	1	0	1	0	0
IPR014174	1.14	0	1.14	0	0
IPR014287	1.18	0	1.08	1.5	0
IPR010701	8.83	8.83	0	0	0
IPR010702	1.62	0	1.62	0	0
PF10121	1	0	0	1	0
IPR016466	1	0	0	1	0
IPR008903	1	0	1	0	0
IPR006739	3.6	0	3.6	0	0
PTHR12479:SF1	2	2	0	0	0
PTHR13793:SF1	1.47	1.47	0	0	0
PTHR13518:SF2	1.08	1.08	0	0	0
PTHR13518:SF1	1	1	0	0	0
PTHR21584:SF7	1.57	1.57	0	0	0
PTHR21584:SF1	2	2	0	0	0
PD119415	1	0	1	0	0
IPR020309	1.13	1.13	0	0	0
PTHR20846	1.1	1.1	0	0	0
PTHR11600:SF22	1	1	1	0	0

PTHR23033:SF1	1.14	1.14	0	0	0
PTHR23033:SF2	1.2	1.2	0	0	0
PD172636	1	0	1	0	0
IPRO21472	3.69	0	3.69	0	0
IPRO21473	1.06	0	1.06	0	0
IPRO21476	2.44	2.44	0	0	0
IPRO21477	2.5	0	2.5	0	0
TIGR03623	1	0	1	0	0
TIGR03620	1.33	0	1.33	0	0
PTHR22147	1.06	1.07	1	0	0
PTHR23095:SF5	2.67	2.67	0	0	0
PTHR21490	1.35	1.35	0	0	0
IPRO05883	1	0	1	0	0
IPRO18614	1.19	1.19	0	0	0
IPRO18615	1.12	1.12	0	0	0
PTHR22593:SF4	1.08	1.08	0	0	0
PTHR22593:SF3	1.33	1.33	0	0	0
IPRO09948	1.02	0	1.02	0	0
IPRO09947	1.56	1.56	0	0	0
IPRO09941	3.25	0	3.25	0	0
IPRO09942	1.33	0	1.33	0	0
IPRO09943	1.88	2	1	0	0
PD125763	1	1	0	0	0
IPRO10276	4.75	4.75	0	0	0
IPRO10272	2.05	0	2.05	0	0
IPRO10273	2.43	0	2.43	0	0
PTHR15157:SF3	1	1	0	0	0
IPRO07896	2.65	0	2.65	0	0
IPRO07893	3.75	2	3.77	0	0
IPRO10851	11.71	11.71	0	0	0
IPRO10854	10.83	0	10.83	0	0
IPRO04123	1.41	1.41	0	0	0
IPRO01990	4	4	0	0	0
IPRO04122	1.88	1.88	0	0	0
IPRO01668	1.4	0	1.4	0	0
MF_00422	1	0	0	1	0
IPRO19202	1	0	0	1	0
IPRO19201	1.02	0	1.02	0	0
IPRO19208	1.14	0	0	1.14	0
IPRO19209	1	0	0	1	0
IPRO18559	1	1	0	0	0
IPRO18558	1	1	0	0	0
IPRO18551	1.02	0	1.02	0	0
IPRO18550	1.22	1	1.22	0	0
IPRO18552	1.08	1.08	0	0	0
IPRO18554	1.25	1.25	0	0	0
IPRO09534	1.1	0	1.1	0	0
IPRO09531	1.02	0	1.02	0	0
IPRO09530	1	0	1	0	0
IPRO09533	1.74	1.74	0	0	0
IPRO09532	1	0	1	0	0
IPRO09539	1.73	1.73	0	0	0
IPRO09538	1.8	1.8	0	0	0
PTHR21148:SF1	1.25	1.25	0	0	0
IPRO11668	1.82	0	0	1.82	0
IPRO11669	1.06	0	1.08	1	0
IPRO11660	1.89	0	1.89	0	0
IPRO10137	1.04	1	1.04	0	0
PTHR19444:SF11	1.29	1.29	0	0	0
PTHR13555:SF4	2	2	0	0	0
PTHR12209	1.12	1.14	0	1	0
PTHR21125	2.85	2.85	0	0	0
PTHR21124	2.88	2.88	0	0	0
PD140749	1	0	1	0	0
IPRO07702	2.75	2.75	0	0	0
IPRO20118	1.08	0	1.08	0	0
IPRO20114	1.08	0	1.08	0	0
IPRO20115	1.04	0	1.04	0	0
PTHR10037:SF60	1.25	1.25	0	0	0

IPR008387	1.5	1.5	0	0	0
IPR019045	1.09	0	1.09	0	0
IPR019046	1	0	1	0	0
TIGR03019	1	0	1	0	0
TIGR03016	1	0	1	0	0
IPR018798	1.5	1.5	0	0	0
IPR018797	1.64	1.64	0	0	0
IPR018794	1.05	1.05	0	0	0
IPR005610	1.32	1.33	1.31	0	0
IPR009049	1.43	1.75	1	0	0
IPR009040	1	0	1	1	0
MF_02010	1	0	1	0	0
IPR011468	4.14	0	4.14	0	0
IPR011466	1.34	0	1.34	0	0
IPR011463	1.5	0	1.5	0	0
IPR010331	1.33	1	1.34	1	0
IPR010330	1.07	0	1.07	0	0
IPR010335	1.67	1.67	0	0	0
IPR016656	1	1	0	0	0
IPR009388	1.4	3	1.06	0	0
IPR013176	1.3	1.3	0	0	0
IPR013172	7.67	7.67	0	0	0
IPR012884	1.29	0	1.29	0	0
IPR000473	1.11	1.38	1.09	0	0
PF10869	1.29	0	0	1.29	0
PTHR13932	1	1	1	0	0
PTHR11697:SF3	1	1	0	0	0
PTHR17571:SF6	1.33	1.33	0	0	0
IPR008589	1.59	0	1.61	1.38	0
IPR004203	1.64	1.64	0	0	0
IPR005155	1.06	1.07	0	1	0
PTHR13061	1.12	1.26	1.09	1	0
IPR008055	1.4	1.4	0	0	0
IPR018968	2.37	1	2.38	0	0
PF10087	1.13	1	1.14	0	0
PF10082	1.38	0	1.38	0	0
IPR001349	1.77	1.77	0	0	0
PTHR23191	1.62	1.62	0	0	0
IPR014518	1	0	0	1	0
IPR014515	1	0	0	1	0
IPR014517	1	0	0	1	0
IPR007659	3	3	0	0	0
TIGR01172	1.06	0	1.06	1	0
TIGR03159	1	0	1	1	0
TIGR03155	1	0	0	1	0
PTHR23056:SF2	1.13	1.13	0	0	0
PTHR23056:SF6	1.77	1.77	0	0	0
PTHR23056:SF7	1.7	1.7	0	0	0
TIGR02287	1	0	1	0	0
MF_00125	1	0	1	0	0
PTHR19410:SF53	1.29	0	1.2	1.5	0
IPR016385	1	0	1	0	0
IPR000678	1.62	1.62	0	0	0
IPR012808	1.11	1.16	1.1	0	0
IPR013372	1	0	1	0	0
PTHR16057	1.29	1.29	0	0	0
IPR021140	1.1	0	1.1	0	0
IPR021146	1.51	1	1.51	0	0
IPR021145	1.35	0	1.35	0	0
PF06539	1.02	1	1.02	1	0
PTHR13261	1.12	1.12	0	0	0
PTHR13260	1.09	1.09	0	0	0
PTHR23341:SF1	3	3	0	0	0
PTHR13269	1	1	0	0	0
IPR008218	1.23	1.44	1.08	1.05	0
IPR015000	1.06	0	1.06	0	0
IPR015001	1.02	0	1.02	1	0
IPR015003	1	0	1	0	0
IPR005413	1	0	1	0	0



PF05169	1	1	1	0	0
PTHR14540	1.2	1.2	0	0	0
PTHR14549	1.05	1.05	0	0	0
IPR017408	1.07	1.07	0	0	0
IPR017404	2	2	0	0	0
IPR008848	1.88	0	0	1.88	0
PTHR14899	1.43	1.43	0	0	0
IPR016754	1	0	0	1	0
IPR012922	2.88	0	1	3.14	0
PTHR21862	1.36	1.36	0	0	0
IPR018385	1.66	0	1.66	1	0
TIGR01755	1	0	1	1	0
IPR020438	2	2	0	0	0
PF10760	1.23	0	1.23	0	0
IPR020386	1	0	1	0	0
PTHR23019	1.13	1.13	0	0	0
PD030057	2	2	0	0	0
PD394376	1	0	1	0	0
PTHR21416	1.25	1.25	0	0	0
PTHR21411	2.14	2.14	0	0	0
IPR022124	8.24	8.69	1	0	0
IPR003678	7.88	0	7.88	0	0
IPR007318	1.3	1.3	0	0	0
PF09274	1.38	0	1.38	0	0
IPR003671	23.33	23.33	0	0	0
IPR006498	1.3	1	1.3	0	0
PD404576	1.33	1.33	0	0	0
TIGR02099	1	0	1	0	0
TIGR02092	1	0	1	0	0
IPR003510	1.03	0	1.03	0	0
PTHR19222:SF28	1	0	1	1	0
PF09184	1.03	1.03	0	0	0
IPR001916	8.5	8.5	0	0	0
IPR001911	1.18	1.42	1.16	0	0
IPR007364	1	1	0	1	0
PTHR18864	2.2	2.2	0	0	0
IPR019440	1.11	1.11	1	0	0
PF07050	1.47	0	1.48	1	0
IPR021335	1	0	1	0	0
IPR021334	1	0	1	0	0
IPR021337	1.85	1	1.92	0	0
IPR021336	2.21	0	2.21	0	0
IPR021333	2.04	1	2.06	0	0
IPR021332	1	0	1	0	0
IPR021339	1.03	0	1.03	0	0
PTHR13344	1.33	1.33	0	0	0
IPR018889	1.25	1.25	0	0	0
IPR018887	1.5	1.5	0	0	0
PF06093	1.06	1.1	0	1	0
IPR016959	1	0	1	0	0
IPR016958	1	0	1	0	0
IPR012672	1	0	1	0	0
IPR016950	2	0	0	2	0
IPR016957	1.67	0	1.67	0	0
IPR016954	2	0	0	2	0
IPR005325	3.11	0	3.11	0	0
IPR019288	1.06	0	1.06	0	0
IPR019286	1.25	0	1.26	1	0
IPR019284	1	0	1	0	0
IPR019285	2.94	0	2.94	0	0
IPR004983	6	0	6	0	0
PTHR23067:SF2	1	1	0	0	0
IPR005582	1.03	0	1.03	0	0
IPR005583	1.03	1.33	1.02	1	0
IPR005585	1.02	0	1.02	0	0
IPR005588	1.02	1	1.02	0	0
PTHR13437	1.33	1.33	0	0	0
IPR002672	1.44	1.44	0	0	0
IPR002671	1.6	1.6	0	0	0

IPR006800	1.67	1.67	0	0	0
PTHR10887:SF3	1	1	0	0	0
PTHR10887:SF6	1.4	5	1.13	0	0
PTHR10887:SF5	1.38	1.38	0	0	0
IPR010426	2.75	1	3.12	1.33	0
PTHR15502:SF6	1.5	1.5	0	0	0
PTHR21932	3.08	3.08	0	0	0
IPR014948	1.03	0	1.03	1	0
IPR014949	1	0	1	0	0
IPR014943	1.04	0	1.04	0	0
IPR014941	3.67	0	3.67	0	0
IPR014946	1.06	1.33	1	0	0
IPR014947	1.03	2	1	0	0
PTHR15263	2	2	0	0	0
IPR016540	1	0	1	1	0
IPR016541	1	0	1	0	0
IPR016543	1.4	1.4	0	0	0
IPR016545	1	0	1	0	0
IPR016546	1	0	1	0	0
IPR016549	2.83	2.83	0	0	0
TIGR03472	1	0	1	0	0
PF11021	1.08	0	1.08	0	0
PF11023	1	0	1	0	0
IPR010443	2.5	0	2.5	0	0
PTHR12286	1	1	1	0	0
TIGR01653	1	0	1	0	0
TIGR01652	1.5	1.5	0	0	0
TIGR01655	1.31	0	1.31	0	0
TIGR01654	1	0	1	0	0
PTHR20960	1.08	1.08	0	0	0
IPR020196	1	0	1	0	0
IPR020199	1	0	1	1	0
PD619568	1.1	1.1	0	0	0
PF09847	1.05	0	1.1	1	0
TIGR03092	1	0	1	0	0
PTHR10997:SF7	1	1	0	0	0
PTHR22552	3.08	3.08	0	0	0
IPR018715	1.03	1	1.03	0	0
IPR018714	1.03	1.33	1.03	1	0
IPR018719	1.04	0	1.04	0	0
IPR021649	1	0	1	0	0
PTHR22953	1.6	1.86	1	0	0
PTHR21605	1.22	1.22	0	0	0
PTHR21602	1.17	1.17	0	0	0
IPR000966	4.17	4.17	0	0	0
IPR006757	1.82	2.08	1	0	0
PD208305	1	0	1	0	0
PF07241	1	0	1	0	0
IPR001704	1.25	1.25	0	0	0
IPR001705	1.24	1.33	1.24	0	0
IPR001702	7.32	2.5	7.38	0	0
IPR013712	1.33	1.33	0	0	0
IPR008506	1.09	1.09	0	0	0
IPR008505	3	0	3	0	0
IPR004281	1.46	1.46	0	0	0
IPR008508	1.12	0	1	1.23	0
PD012638	1	0	1	0	0
MF_01158	1	0	1	0	0
PTHR16434	1	1	0	0	0
IPR009368	1.92	0	1.92	0	0
IPR009364	2	0	2	0	0
IPR009366	1.01	0	1.01	0	0
IPR009367	1.24	2.86	1.06	0	0
PD026230	2	2	0	0	0
PTHR13603	1.22	1.22	0	0	0
PTHR13602	1	1	0	0	0
IPR019242	1	0	1	0	0
PTHR10887:SF26	1.2	1.2	0	0	0
PTHR15380	1.6	1.6	0	0	0

PTHR14385	1	1	0	0	0
PTHR14381	1.09	1.09	0	0	0
IPR014597	1	0	1	0	0
IPR014596	1	0	1	0	0
IPR017020	1.25	0	1.25	0	0
IPR017024	1	0	1	0	0
IPR017026	1.41	0	1.41	0	0
IPR017028	1.2	0	1.2	0	0
IPR017029	1	0	1	0	0
PTHR21284:SF2	1.38	1.38	0	0	0
PTHR21284:SF1	1.21	1.21	0	0	0
PF10232	1.16	1.16	0	0	0
PTHR14920	1.38	1.38	0	0	0
PTHR14927	1.08	1.08	0	0	0
PTHR12566	1.73	1.73	0	0	0
PTHR19410:SF62	1.2	1.22	1.17	0	0
PTHR21370	1	1	0	0	0
PTHR21958	1	1	0	0	0
PTHR21959	10.2	10.2	0	0	0
PTHR21512:SF8	1	1	0	0	0
PF09555	1	0	1	0	0
IPR020016	2.07	0	2.07	0	0
PTHR12187:SF3	2.4	2.4	0	0	0
PTHR12187:SF4	2.75	2.75	0	0	0
TIGR00221	1.06	0	1.06	0	0
PF08203	1	1	0	0	0
IPR012021	1	0	0	1	0
IPR012020	1.17	1.54	1.05	0	0
IPR019672	1	0	1	0	0
IPR019671	1.02	0	1.02	0	0
IPR019676	1	0	1	0	0
IPR019675	1.02	0	1.02	0	0
IPR019679	1	0	1	0	0
IPR021853	1.04	0	1.04	0	0
PD135085	1	1	0	0	0
PTHR21036	1	1	0	0	0
PTHR21031	1.58	1.58	0	0	0
IPR009164	1.06	0	1.06	0	0
IPR015089	1.65	1.65	0	0	0
PTHR15528:SF6	1.67	1.67	0	0	0
IPR015080	1	1	0	0	0
IPR015081	1	0	1	0	0
IPR015084	1.15	0	1.15	0	0
PF08981	1.03	0	1	1.06	0
MF_01256	1	0	1	0	0
IPR002155	3.92	0	3.8	4.78	0
IPR009833	1.31	0	1.31	0	0
IPR009838	1.22	0	1.22	0	0
IPR009839	1.07	0	1.07	0	0
PTHR11199	1.89	1.89	0	0	0
IPR010070	5.9	0	5.9	0	0
IPR010075	1	0	1	1	0
IPR007479	1.02	1	1.02	0	0
PF09619	1.17	0	1.17	0	0
PTHR12360	1.31	1.31	0	0	0
PTHR10499:SF52	1.89	2	1	0	0
PTHR10499:SF51	1.45	1.5	1	0	0
PTHR18950	3	3	0	0	0
PTHR10740:SF1	1.86	1.86	0	0	0
PF07169	2	2	0	0	0
IPR019995	1	0	1	0	0
IPR005298	6.31	0	6.31	0	0
IPR005299	10.71	30	1.06	0	0
IPR019330	1.22	1.22	0	0	0
IPR008716	1	0	1	0	0
IPR008717	2.15	2.15	0	0	0
IPR008712	1.15	0	1.15	0	0
IPR008713	1.48	1	1.49	0	0
IPR008711	1.26	1	1.27	0	0

IPR009440	1.25	0	1.25	0	0
IPR009446	1	1	0	0	0
PTHR14224	28.8	28.8	0	0	0
PTHR14222	1.64	1.64	0	0	0
PF11419	1	0	0	1	0
PTHR14909:SF2	1.33	1.33	0	0	0
PF04888	1.17	0	1.17	0	0
PTHR19211:SF11	1	1	1	0	0
IPR003418	1.02	0	1.02	0	0
IPR003417	1.75	1.75	0	0	0
PTHR21232	1	1	0	0	0
TIGR03368	1	0	1	0	0
TIGR02019	1	0	1	0	0
IPR007673	1.02	1.02	0	0	0
IPR007677	5.62	5.62	0	0	0
IPR000028	3.52	3.52	0	0	0
IPR000021	3.68	0	3.68	0	0
PD113106	1.29	0	1.29	0	0
IPR021823	2.6	0	2.6	0	0
PTHR13342	1	1	0	0	0
PTHR13343	1.55	1.55	0	0	0
PTHR13347	1.15	1.15	0	0	0
IPR018803	3.81	4.1	1	0	0
IPR018801	1.16	1.17	1	0	0
IPR021951	1	0	1	0	0
IPR021952	3.12	0	3.12	0	0
IPR006885	1.17	1.16	1.18	0	0
IPR009283	1.84	1.84	0	0	0
PTHR11533:SF38	1.12	1.12	0	0	0
IPR003901	1.24	0	0	1.24	0
IPR014491	1.03	0	1.03	0	0
IPR013911	1	1	0	0	0
IPR003019	6.5	6.5	0	0	0
PF04605	1.09	0	1.09	0	0
PF06604	1	0	1	0	0
PF06609	2.13	2.13	0	0	0
PTHR21407:SF2	1	1	0	0	0
PD072590	1.1	0	1.1	0	0
PTHR10527:SF5	2.11	2.11	0	0	0
PTHR10527:SF6	1.56	1.56	0	0	0
IPR004375	2.06	0	2.06	0	0
IPR019625	1.03	0	1.03	0	0
PTHR14274:SF2	1.2	1.2	0	0	0
PTHR14274:SF1	1	1	0	0	0
PTHR16166:SF26	1.17	1.17	0	0	0
IPR020264	1.05	0	1.05	0	0
IPR020260	1	0	1	0	0
IPR020261	1	0	0	1	0
IPR020262	1.03	0	1.03	0	0
IPR020263	1.08	0	1.08	0	0
IPR005243	1.21	0	1.18	1.43	0
TIGR03543	1	0	1	0	0
PTHR14418	1.33	1.33	0	0	0
TIGR02635	1	0	1	0	0
TIGR00775	1	0	1	0	0
PTHR21684	1.21	1.21	0	0	0
PTHR21685	2.25	2.25	0	0	0
PTHR21683	2.22	2.22	0	0	0
PTHR11260:SF10	1	0	1	0	0
PTHR11260:SF16	1.83	1.83	0	0	0
IPR003256	1	1	1	0	0
IPR000789	1.6	1.6	0	0	0
PF06447	1.28	0	1.28	0	0
IPR000258	26.25	0	26.25	0	0
PF12189	1	0	1	0	0
IPR001780	1.39	1.43	0	1	0
PTHR13946:SF16	1	1	0	1	0
IPR015827	1.18	1.18	0	0	0
PD117946	1.09	0	1.09	0	0

IPR012447	5.53	0	5.53	0	0
IPR012449	2.08	0	2.08	0	0
IPR001123	4.97	1.5	5.24	1.31	0
IPR021564	1	0	1	0	0
IPR021560	1.13	0	1.13	0	0
IPR021562	1.05	1.25	1	0	0
IPR022037	1.75	0	1.75	0	0
IPR011233	1	0	1	0	0
IPR011231	1.23	0	1.23	0	0
IPR008483	3	0	3	0	0
IPR008481	2.75	0	2.75	0	0
PTHR12988:SF3	1	1	0	0	0
PTHR12988:SF1	3	3	0	0	0
IPR008489	1.13	0	1.13	0	0
IPR018742	1	0	1	0	0
IPR010548	2.08	2.08	0	0	0
IPR019319	1.14	1.14	0	0	0
PTHR15304	2.67	2.67	0	0	0
IPR007940	2.56	2.56	0	0	0
IPR020528	1.09	0	1.09	0	0
PTHR11269:SF14	1.25	1.25	0	0	0
PF11106	1	0	1	0	0
PF11105	1.18	1.18	0	0	0
PF11109	2	2	0	0	0
PTHR12651	1.19	1.19	0	0	0
PTHR12655	1.83	1.84	1	0	0
PTHR12658	1.45	1.45	0	0	0
PTHR12487	1.11	1.11	0	0	0
PTHR21021:SF15	1	1	1	0	0
PF11813	1	0	1	0	0
IPR010706	1	0	1	0	0
IPR020093	1	0	1	0	0
IPR020090	2.88	2.88	0	0	0
IPR020099	1	0	1	0	0
PTHR21704:SF5	1.25	1.25	0	0	0
PTHR21857:SF2	1.09	1.09	0	0	0
PTHR12716:SF9	1	1	0	0	0
PTHR12716:SF8	1.6	1.6	0	0	0
IPR021768	1.13	0	1.13	0	0
IPR021769	4.06	1	4.24	0	0
IPR021762	1.3	0	1.3	0	0
IPR022231	1.6	0	1.6	0	0
IPR022236	1.46	0	1.46	0	0
PTHR13422:SF1	1.25	1.25	0	0	0
PTHR13422:SF2	1.18	1.18	0	0	0
PTHR22696	2.67	2.67	0	0	0
PTHR21521	1.14	1.15	1	0	0
PTHR21526	1.08	1.08	0	0	0
PTHR21529	2.5	2.5	0	0	0
IPR005935	1	1	1	0	0
TIGR00924	1	0	1	0	0
IPR008873	1.05	0	1.05	0	0
IPR008874	1.11	0	1.11	0	0
IPR008878	2.69	1	2.7	0	0
PTHR21669:SF2	1.6	1.6	0	0	0
MF_01282	1	0	1	0	0
IPR003426	1	0	1	0	0
IPR003420	1.06	0	1.07	1	0
PTHR15853	1.14	1.14	0	0	0
PF08128	1.18	0	1.18	0	0
IPR007217	1.33	1.33	0	0	0
IPR007215	1.01	0	1.01	1	0
IPR008469	2.33	2.33	0	0	0
IPR008463	1.02	0	1.02	0	0
IPR008466	1.89	1.89	0	0	0
IPR021248	1.91	0	1.91	0	0
IPR021241	1.15	0	1.15	0	0
IPR021240	1	0	1	0	0
IPR008798	1.5	0	1.5	0	0

IPR008799	1	0	1	0	0
IPR008797	3.11	5.22	1	0	0
PTHR16779	1.26	1.38	0	1	0
IPR007347	1.46	8	1.39	0	0
IPR005212	2.44	0	2.44	0	0
IPR016823	1	0	1	0	0
PF02409	3	0	3	0	0
IPR002293	1.27	1.53	1.17	1.78	0
IPR010736	23.79	23.79	0	0	0
IPR010739	1.26	0	1.26	0	0
IPR010738	3.56	0	3.56	0	0
TIGR00814	1.23	0	1.23	0	0
PTHR12444	1.75	1.75	0	0	0
IPR021688	1	0	1	0	0
PD396545	1.33	1.33	0	0	0
IPR020979	1	0	1	0	0
IPR020351	1.67	0	1.67	0	0
IPR020353	1.24	0	1.24	0	0
IPR020354	1.05	1	1.05	0	0
IPR020357	1.23	0	1.23	0	0
IPR020359	1.02	0	1.02	0	0
IPR001379	1	0	1	0	0
IPR012101	1.33	1.33	0	0	0
IPR021481	1.17	0	1.17	0	0
PTHR21770	1.4	1.4	0	0	0
PTHR21771	1.2	1.2	0	0	0
PTHR21779	1.46	1.46	0	0	0
IPR018666	1.17	0	1.17	0	0
IPR018664	1	0	1	1	0
IPR018662	1	0	0	1	0
IPR018668	1.27	0	1.27	0	0
IPR009206	1	0	1	0	0
IPR005658	1.03	1	1.03	0	0
IPR022080	1	0	1	0	0
PTHR15722:SF4	1.44	1.44	0	0	0
IPR009971	1.02	0	1.02	0	0
IPR009978	1.15	0	1.15	0	0
IPR014417	1	0	1	0	0
IPR017145	1.1	1	1.11	0	0
IPR017144	1	0	1	0	0
IPR017143	1.03	0	1.03	0	0
MF_00220_B	1	0	1	0	0
IPR007531	1.81	1.81	0	0	0
IPR007530	1.11	0	1.11	0	0
IPR007536	1.01	1	1.01	0	0
IPR000549	1.8	2.89	1.51	0	0
IPR000548	2.82	2.82	0	0	0
IPR010869	1.65	1	1.66	0	0
IPR010862	1.54	0	1.54	0	0
IPR010864	1.04	0	1.04	0	0
IPR010866	1	0	1	0	0
PF07331	1.93	1	1.94	0	0
PF06686	1.06	0	1.06	0	0
IPR008617	2	0	2	0	0
PTHR10074:SF2	1	1	1	0	0
PTHR10074:SF3	1.67	0	1.67	0	0
PTHR10074:SF4	1.44	1.5	1	0	0
PTHR10074:SF5	1.5	2	1.33	0	0
PTHR10074:SF7	1.1	1	1.11	1	0
IPR009562	1.05	0	1.05	0	0
IPR009565	1.28	1.28	0	0	0
IPR011385	1.03	0	1.03	0	0
IPR014358	1.2	2.25	1.05	0	0
PTHR15725	1.89	1.89	0	0	0
PTHR15728	1	1	0	0	0
PTHR22401	1.57	1.57	0	0	0
PTHR21173	1	1	0	0	0
PTHR21175	1.07	1.07	0	0	0
PD040376	1.06	0	1.06	0	0

PD072652	1.4	1.4	0	0	0
PTHR11064:SF1	1.44	1.44	0	0	0
IPR019187	1.88	1.88	0	0	0
PTHR10992:SF17	1.24	1.69	1.14	1	0
PF09792	1.48	1.48	0	0	0
IPR007738	1.75	1.75	0	0	0
IPR007736	3.57	3.57	0	0	0
IPR007731	1.18	0	1.18	0	0
IPR007733	2.31	2.31	0	0	0
IPR007732	1.36	1.36	0	0	0
IPR007082	1	1	1	0	0
IPR008306	1	0	1	0	0
PTHR19288:SF11	2.6	2.6	0	0	0
PD127999	1	0	1	0	0
IPR021079	2	0	1	2.2	0
TIGR00536	1	1	1	0	0
IPR019070	1	0	1	0	0
IPR019076	2.72	0	2.72	0	0
IPR021699	2.5	0	2.5	0	0
IPR021693	1.29	0	1.29	0	0
IPR021690	1	0	1	0	0
IPR021696	2.53	0	2.53	0	0
IPR021697	1.36	0	1.36	0	0
IPR021694	1	0	1	0	0
IPR021695	1.14	0	1.14	0	0
IPR005629	2.09	2.12	1	0	0
IPR005627	1.09	1.19	1.07	0	0
IPR005623	1.13	1	1.13	0	0
PTHR17388	2.2	2.2	0	0	0
PTHR17384	2.22	2.22	0	0	0
IPR014628	1	0	1	0	0
PF05855	1	0	1	0	0
PF05857	1.32	0	1.32	0	0
PTHR11063	1	1	1	0	0
PTHR11065	1.08	0	1.08	1.1	0
PD052088	1	0	1	0	0
MF_00311	1	0	1	1	0
PTHR10281:SF1	1.66	1.66	0	0	0
PF10856	1.83	1.83	0	0	0
IPR004235	1.53	1.69	1	0	0
IPR004232	1.47	2	1.47	0	0
IPR004239	8.67	0	8.67	0	0
PTHR16244	1.8	1.8	0	0	0
TIGR01918	2	0	2	0	0
PD177690	1	0	1	0	0
PTHR13036	1.05	1.05	0	0	0
IPR008003	1	0	1	1	0
IPR008001	5.75	5.75	0	0	0
IPR008004	9.83	9.83	0	0	0
PF10074	2.5	0	2.5	0	0
TIGR03426	1	0	1	0	0
TIGR03427	1	0	1	0	0
TIGR03420	1	0	1	0	0
PTHR23163	1.44	1.44	0	0	0
PTHR23162	3.25	3.25	0	0	0
IPR009682	1.83	0	1.83	0	0
IPR009680	1.09	0	1.09	0	0
TIGR02774	1	0	1	0	0
TIGR02773	1	0	1	0	0
PTHR21497:SF6	1.09	1.09	0	0	0
TIGR02484	1.08	0	1.08	0	0
IPR016683	1	0	1	0	0
IPR003359	1.25	2.33	1	0	0
IPR007290	1.25	1.25	0	0	0
IPR013348	1	0	1	0	0
PTHR11260:SF1	1.52	1.52	0	0	0
IPR000117	1.43	1.43	0	0	0
IPR001863	4.04	4.04	0	0	0
IPR001869	1.86	0	1.86	0	0

PTHR16088	2	2	0	0	0
IPR009731	1.46	0	1.46	0	0
PTHR23202:SF3	1	1	0	0	0
PTHR21136:SF2	1	1	0	0	0
IPR009198	1	0	0	1	0
IPR009192	1.11	0	1.11	0	0
IPR009191	1.12	0	1.12	0	0
IPR015038	1.02	0	1.02	0	0
IPR015034	1.12	1.17	0	1	0
IPR015037	1	0	1	0	0
IPR002743	1.42	0	1.4	1.54	0
IPR019552	12.5	12.5	0	0	0
IPR002746	1	0	1	1	0
IPR019550	1.62	1.62	0	0	0
IPR002749	1.38	0	0	1.38	0
IPR003507	1.39	1.67	1.39	1	0
PTHR10271	4.29	4.29	0	0	0
IPR003832	1.44	6.11	1.05	0	0
IPR003831	1	0	1	1	0
PTHR14594	2	2	0	0	0
PD182582	1	0	1	0	0
PD178246	1	0	1	0	0
IPR016787	1.08	0	1.08	0	0
IPR016785	1.06	0	1.06	0	0
IPR016780	1	0	1	0	0
IPR016781	1.04	0	1.04	0	0
IPR014875	1.41	0	1.41	0	0
IPR014871	1.19	2	1.18	1	0
PTHR23317:SF27	1	1	0	0	0
PTHR15913	2	2	0	0	0
IPR007358	1.13	0	1.13	0	0
PTHR23304:SF76	5.3	5.3	0	0	0
IPR000879	2.75	2.75	0	0	0
PTHR21851	1.18	1.18	0	0	0
PD117176	1	0	1	0	0
IPR015305	1.6	0	1.6	0	0
PD137583	1.11	1.11	0	0	0
PD566665	1.09	0	1.09	0	0
PTHR20892	1	1	0	0	0
PTHR20898	2	2	0	0	0
TIGR00384	1.22	1.15	1.23	1	0
PTHR22133	1.8	1.8	0	0	0
PTHR23422:SF1	1	0	1	0	0
IPR021403	1	0	1	0	0
IPR021402	1.05	0	1.05	0	0
IPR021401	1.41	0	1.41	0	0
IPR021407	1	0	1	0	0
IPR021408	1.05	0	1.05	0	0
IPR022174	6.29	6.29	0	0	0
PTHR22796	2.33	2.33	0	0	0
TIGR02521	1	0	1	0	0
PTHR12984:SF3	1.14	1.14	0	0	0
PF06312	6	6	0	0	0
IPR007828	1.38	1.46	1	0	0
IPR007825	4.14	0	4.14	0	0
IPR007820	1.15	1	1.16	0	0
IPR011846	1.02	0	1.02	0	0
IPR006441	1.31	0	1.31	0	0
MF_01435	1.02	0	1.02	0	0
PTHR12106:SF6	3	3	0	0	0
PTHR15953	1.25	1.25	0	0	0
IPR003679	1.19	0	1.2	1	0
IPR003674	1.62	1.79	1.17	1.59	0
IPR018897	1	0	1	0	0
IPR000096	2.1	2.19	1	0	0
IPR021362	1.14	0	1.14	0	0
IPR021363	1	0	1	0	0
IPR021361	1.1	0	1.1	0	0
IPR021364	1.17	0	1.17	0	0



IPR021365	1	0	1	0	0
IPR008693	7.05	0	7.05	0	0
IPR008690	1	0	0	1	0
PD023267	1	0	1	0	0
PF06069	1.67	1	1.7	0	0
PTHR13622:SF2	1.07	1.12	1	0	0
IPR016908	1	0	1	0	0
PTHR23133:SF3	1.06	0	1.06	1	0
PTHR21249:SF2	1.75	1.75	0	0	0
PTHR21249:SF1	1.18	1.18	0	0	0
PTHR15904:SF1	3.67	3.67	0	0	0
PF11599	1	0	1	0	0
PTHR13020:SF4	1	1	0	0	0
IPR006830	1	0	1	0	0
IPR006833	1.6	0	1.75	1	0
IPR010160	1.02	0	1.03	1	0
IPR016571	1.04	0	1.04	0	0
IPR016572	1.31	0	1.31	0	0
IPR016575	1.8	1.8	0	0	0
IPR016574	1.12	1.12	0	0	0
IPR016576	1.12	1.12	0	0	0
PF10965	1.05	0	1.05	0	0
PF10963	1.08	0	1.08	0	0
PF10962	1.05	0	1.05	0	0
PF10960	1.84	0	1.84	0	0
PF10969	1	0	1	0	0
PF10968	1	0	1	0	0
PF07360	1.25	0	1.25	0	0
PF09712	1.04	0	1.04	1	0
PTHR20915	2.3	2.3	0	0	0
TIGR00028	1.75	0	1.75	0	0
IPR004995	5.91	0	5.91	0	0
TIGR02889	1	0	1	0	0
IPR021612	2.6	1	2.71	0	0
IPR021610	1	1	1	0	0
IPR021616	1	0	1	0	0
IPR021617	2.23	0	2.23	0	0
TIGR03044	1	0	1	0	0
TIGR03042	1	0	1	0	0
PD191301	1	0	1	0	0
PTHR21635	1.43	1.43	0	0	0
PTHR21632	1.14	1.14	0	0	0
IPR018741	1.01	0	1.01	0	0
IPR018747	1.69	0	0	1.69	0
TIGR02318	1	0	1	0	0
PD201674	1	0	1	0	0
IPR010368	1.36	0	1.34	2	0
IPR010364	1.02	0	1.02	0	0
IPR010365	2.1	0	2.1	0	0
IPR010360	1.05	0	1.05	0	0
IPR006760	1.73	1.73	0	0	0
IPR006765	1.6	0	1.6	0	0
IPR006764	6.81	0	6.81	0	0
IPR003199	1.38	3	1.29	1	0
IPR003197	1.39	1.39	0	0	0
PTHR19229	2	2.33	1	0	0
IPR016003	1	0	1	0	0
IPR003739	1	0	1	1	0
IPR003738	1.48	1.12	1.55	1.12	0
MF_00538	1	0	1	0	0
PTHR15919:SF5	2.67	2.67	0	0	0
PTHR19919	1.5	1.5	0	0	0
PTHR11494:SF6	1.4	1.4	0	0	0
IPR015724	1.67	1.8	1.5	0	0
IPR009684	1.5	1.5	0	0	0
IPR002452	1	1	0	0	0
IPR009355	1.18	0	1.18	0	0
IPR009354	1.13	0	1.13	0	0
IPR009351	1.22	0	1.21	3	0

IPR009350	1.96	0	1.96	0	0
PTHR23202:SF6	1	1	0	0	0
PTHR23251	1.75	1.75	0	0	0
IPR014540	1	0	1	0	0
IPR014541	1.02	0	1.02	0	0
IPR014548	1	0	1	0	0
IPR010649	1.23	0	1.23	0	0
IPR010646	1.07	0	1.07	0	0
IPR017018	1.11	0	1.11	0	0
IPR017013	1	0	0	1	0
IPR017012	1	0	1	0	0
IPR017015	1	0	1	0	0
IPR017016	1	0	1	0	0
PD031251	1.13	0	1.13	0	0
PTHR12289:SF17	1.44	1.8	1	0	0
PTHR12289:SF11	1.33	1.33	0	0	0
PTHR21345	1.71	1.71	0	0	0
PTHR21343	1.27	2.5	1.08	1	0
PTHR10074:SF29	1.08	1.33	1	0	0
PTHR10074:SF28	1	0	1	0	0
PTHR21968	1.15	1.15	0	0	0
TIGR02466	1.14	0	1.14	0	0
IPR007162	1	0	1	1	0
IPR007163	1.05	0	1.05	1	0
IPR007169	1.1	0	1.1	0	0
PD053432	1	0	1	0	0
IPR001573	4.6	4.6	0	0	0
IPR021137	1.03	1.61	1.02	0	0
PTHR22083	1.08	1.08	0	0	0
PTHR13236	1.33	1.33	0	0	0
PTHR13231	1.1	1.1	0	0	0
IPR019620	1.03	0	1.03	0	0
IPR019621	1.04	0	1.04	0	0
IPR021795	2.91	0	2.91	0	0
IPR021794	1.25	0	1.25	0	0
IPR021793	1	0	1	0	0
IPR021791	1.32	0	1.32	0	0
IPR008243	1.03	0	1.03	0	0
IPR008249	1.03	0	1.03	0	0
IPR009112	1.67	1.67	0	0	0
PTHR21095	1.24	1.24	1	0	0
IPR011751	4	0	4	0	0
IPR011754	4	0	4	0	0
IPR018860	1.08	1.08	0	0	0
IPR009808	1.67	0	1.67	0	0
IPR009806	2	2	0	0	0
IPR007405	1.07	0	1.07	0	0
IPR016709	1.55	1	1.56	0	0
PD750912	1.05	1.05	0	0	0
IPR016705	1	1	1	0	0
IPR016703	1.14	0	1.14	0	0
PD052277	1	0	1	0	0
PD108804	1	0	1	0	0
IPR007285	5.57	0	5.57	0	0
PTHR22192:SF1	1.67	1.67	0	0	0
PTHR13177	1.37	1.37	0	0	0
IPR008764	1.09	0	1.09	0	0
IPR004461	1.21	0	1.25	1.15	0
PF10488	1.58	1.58	0	0	0
PF10484	1.25	1.25	0	0	0
PF10734	1.31	0	1.31	0	0
PTHR11695:SF31	1	1	1	0	0
PTHR10499:SF40	1.62	1.62	0	0	0
PTHR21533:SF13	2.2	2.5	0	1	0
IPR003544	1.08	1.29	1.07	1	0
MF_01519	1	0	1	0	0
IPR007390	1.1	0	1.08	2	0
PTHR10340:SF14	1	1	0	0	0
IPR016989	1	0	1	0	0

IPR012609	1.1	2	1	0	0
IPR012608	1.8	1.8	0	0	0
IPR016980	1.2	0	1.2	0	0
IPR012602	1	0	1	0	0
IPR012607	1.03	0	1.03	0	0
IPR016986	1.17	0	1.17	0	0
IPR016892	1	0	1	0	0
IPR012574	1.75	1.75	0	0	0
PF06352	1.54	0	1.54	0	0
IPR016891	1	0	1	0	0
PF06354	1.13	0	1.14	1	0
IPR012571	1.24	1.24	0	0	0
PTHR13371	1.26	1.26	0	0	0
IPR019185	1.15	1.15	0	0	0
IPR001058	3.45	3.45	0	0	0
IPR018859	1.21	1.21	0	0	0
IPR004668	1.81	1	1.81	0	0
IPR018854	2	2	0	0	0
IPR018855	1	1	0	0	0
PTHR18964:SF22	1	0	1	0	0
IPR018580	1.35	0	1.34	2	0
IPR018581	1	0	1	0	0
IPR002084	1.02	0	1.02	0	0
IPR010479	2	2	0	0	0
IPR010476	1.08	0	1.08	0	0
IPR010475	1.41	1.41	0	0	0
IPR013095	1	0	1	0	0
PTHR11845	1.04	1.09	1.02	1	0
IPR003443	4	4	0	0	0
IPR014938	1	0	1	0	0
IPR010296	1.86	1	1.89	0	0
PTHR14728	1.39	1.39	0	0	0
MF_01170	1	0	1	0	0
IPR013921	1.15	1.15	0	0	0
PF11079	1.11	0	1.11	0	0
PTHR12761	1.5	1.5	0	0	0
PTHR12760	1.29	1.29	0	0	0
PTHR23197:SF1	1	1	0	0	0
PTHR23197:SF4	1.15	1.15	0	0	0
IPR009801	1.35	1.35	0	0	0
IPR009802	3	0	3	0	0
PTHR20991	1.18	1.18	0	0	0
PTHR20999	1	1	0	0	0
IPR002778	1.12	1.19	0	1	0
IPR020258	1.38	0	1.38	0	0
IPR020255	1	0	1	0	0
IPR020254	1	0	1	0	0
IPR020256	1.04	0	1.04	0	0
IPR020251	1.03	0	1.03	0	0
TIGR03518	1	0	1	0	0
TIGR03510	1.25	0	1.26	1	0
TIGR03511	1	0	1	0	0
TIGR03512	1	0	1	0	0
TIGR03513	1	1	1	0	0
TIGR03515	1	0	1	0	0
TIGR03517	1	0	1	0	0
IPR008444	1	0	1	0	0
IPR016706	1.22	1.22	0	0	0
TIGR00725	1	0	1	0	0
IPR015673	1.67	1.67	0	0	0
MF_01372	1	0	1	0	0
IPR010900	1	0	1	0	0
PTHR22973:SF3	1.2	1.2	0	0	0
IPR007054	2.52	0	2.52	0	0
IPR021088	1.38	1.38	0	0	0
IPR021082	1	1	0	0	0
IPR021080	1	0	1	0	0
IPR021555	1	0	1	0	0
IPR021556	1.34	0	1.34	0	0

IPR021551	1.55	0	1.55	0	0
IPR021550	1	0	1	0	0
IPR021553	1.02	0	1.02	0	0
IPR021558	1.2	0	1.2	0	0
IPR003828	1.03	1	1.03	0	0
TIGR02830	1	0	1	0	0
IPR005186	1.05	0	1.05	0	0
IPR009603	31	31	0	0	0
IPR009609	1.04	0	1.04	1	0
PF12318	1.38	1	1.39	0	0
PF02642	1.01	0	1.01	1	0
PF11657	1.1	0	1.1	0	0
PF11655	1.83	0	1.83	0	0
PTHR22691:SF1	1.11	1.11	0	0	0
IPR011199	1.06	0	1.06	0	0
IPR011194	1	0	1	0	0
PTHR13650	1.3	1.3	0	0	0
PTHR13651	1.1	1.1	0	0	0
IPR018707	1.12	0	1.12	0	0
IPR018700	1	0	0	1	0
IPR018701	1.09	0	1.5	1	0
PTHR14684	1	1	0	0	0
PTHR14689	1.25	1.25	0	0	0
PTHR15377	1	1	0	0	0
IPR007933	1.41	0	1.41	0	0
PTHR12686	1	1	0	1	0
PTHR12681	1.08	1.08	0	0	0
IPR016790	1.04	0	1.04	0	0
IPR017098	1	0	0	1	0
PF10882	1.04	0	1.04	1	0
PF11133	1.1	0	1.1	0	0
PF11132	1.4	0	1.4	0	0
TIGR02684	1.26	0	1.26	0	0
IPR020117	1.06	0	1.06	0	0
PTHR10668:SF4	1.25	1	1.29	0	0
PD415499	1	0	1	0	0
TIGR03495	1.07	0	1.07	0	0
TIGR03490	1.2	0	1.2	0	0
TIGR03493	1.2	0	1.2	0	0
TIGR03492	1.64	0	1.64	0	0
PTHR16284:SF1	1.1	1.1	0	0	0
PTHR16284:SF3	1.27	1.27	0	0	0
IPR019592	1.02	0	1.02	0	0
TIGR02451	1.02	0	1.02	0	0
TIGR02455	1	0	1	0	0
PTHR21065	1.07	1.07	0	0	0
PTHR12830:SF8	2.22	2.22	0	0	0
PTHR12830:SF4	1.25	1.25	0	0	0
PTHR12830:SF3	1	1	0	0	0
PTHR12830:SF1	1.33	1.36	1	0	0
IPR009883	1.01	0	1.01	0	0
IPR009885	1.03	0	1.03	0	0
IPR009889	1.67	1.67	0	0	0
IPR009888	1	0	1	0	0
IPR008767	1.15	0	1.15	0	0
IPR010001	1.06	0	1.03	1.2	0
IPR010006	1.44	0	1.44	0	0
IPR010005	1.38	0	1.38	0	0
IPR010008	1.17	0	1.17	0	0
IPR008761	1.18	0	1.18	0	0
MF_01506	1	0	1	0	0
PF09647	1	0	1	0	0
IPR016420	1	0	1	0	0
IPR007485	1.02	1	1.02	0	0
IPR017257	1	0	1	0	0
IPR017259	1	0	1	0	0
IPR003477	1.79	0	1.81	1.36	0
PF06845	1.1	0	1.1	0	0
IPR008450	1.2	1.2	0	0	0

IPR004174	1.48	0	1.48	0	0
IPR004171	2.36	2.36	0	0	0
PF06264	1.35	1	1.36	0	0
PF06263	1.61	0	1.61	0	0
PTHR13948:SF4	2	2	0	0	0
IPR005220	1.53	0	1.53	0	0
IPR005227	1	1	1	0	0
IPR002795	1.05	0	1.06	1.04	0
IPR009414	1.06	0	1.06	0	0
IPR009413	1.5	1.69	1	0	0
IPR014198	1.02	0	1.02	0	0
PF12127	1	0	1	0	0
IPR006940	1.69	1.69	0	0	0
IPR006942	1.38	1.38	0	0	0
IPR010765	1.47	2.44	1.22	0	0
PTHR15286:SF1	1.71	1.71	0	0	0
PTHR12472	1.17	1.17	0	0	0
PTHR12475	1.23	1.36	1	0	0
IPR005618	1.57	1	1.57	0	0
PTHR14304:SF5	1.2	1.2	0	0	0
PTHR21264	1.55	1.55	0	0	0
PTHR21260	1	1	0	0	0
PTHR22455:SF8	2.41	2.41	0	0	0
IPR020368	1.02	0	1.02	0	0
IPR020360	1	0	1	0	0
IPR020362	1	1	1	0	0
IPR020364	1	0	0	1	0
PF09035	1.21	0	1.21	0	0
IPR001323	2.31	2.31	0	0	0
IPR001325	3.5	3.5	0	0	0
IPR012138	1.33	0	1.33	0	0
IPR012134	1	0	1	0	0
PTHR14269:SF3	1	1	1	0	0
IPR021907	3.78	0	3.78	0	0
IPR021902	10	0	10	0	0
IPR021903	1.12	0	1.12	0	0
IPR009259	1.33	1.33	0	0	0
IPR009251	1.8	0	1.8	0	0
IPR009252	1.04	0	1.02	1.33	0
IPR009253	1.72	0	1.72	0	0
IPR009256	1	0	1	0	0
IPR011566	1.06	1.15	1.03	0	0
IPR002000	3.56	3.56	0	0	0
IPR002003	2.67	0	2.67	0	0
IPR009929	1.1	1.5	1.06	0	0
IPR009922	1.42	0	1.42	0	0
IPR009923	1.16	0	1.15	1.17	0
IPR009921	2.01	0	2.01	0	0
IPR009927	1.06	0	1	1.06	0
IPR009925	3.25	0	3.25	0	0
IPR014424	1	0	0	1	0
IPR014426	1	0	0	1	0
IPR007563	1.12	0	1.12	1	0
IPR007564	1.3	0	0	1.3	0
IPR017199	1	0	1	1	0
IPR017196	1.14	0	1.14	0	0
IPR002918	1.96	4	1.68	1	0
IPR000511	1.76	1.76	0	0	0
IPR000518	1.07	0	1.07	0	0
PD297513	1.8	1.8	0	0	0
PTHR15453	1.8	1.8	0	0	0
PF07307	1.02	0	1.02	0	0
TIGR01685	1.12	1.12	0	1	0
IPR005076	4.15	5.56	1	0	0
PD053072	1	0	1	0	0
PTHR14195	3	3	0	0	0
IPR008510	3.25	0	3.25	0	0
IPR008516	2.33	2.33	0	0	0
TIGR02642	1	0	1	0	0

PTHR22458	1.2	1.2	0	0	0
PTHR22455	1.17	1.17	0	0	0
PTHR21186	1	1	0	0	0
PTHR22980	1.13	1.13	0	0	0
TIGR03276	1	0	1	0	0
IPR003223	1.1	0	1.1	0	0
IPR007761	1.42	0	1.42	0	0
PTHR20884:SF2	1.14	1.14	0	0	0
PTHR20884:SF3	3.75	4.14	1	0	0
PTHR20884:SF4	1.12	1.12	0	0	0
IPR000471	14.71	14.71	0	0	0
IPR000758	3.11	0	3.11	0	0
IPR021008	1	0	1	0	0
PTHR13528	1.36	1.36	0	0	0
IPR019718	1.09	0	1.09	0	0
IPR019712	1.03	0	1.03	0	0
IPR019713	1.02	0	1.02	0	0
IPR015142	1.8	1.8	0	0	0
IPR022064	1	0	1	0	0
IPR022061	1.09	0	1.09	0	0
IPR010532	1.45	1.25	1.11	1.89	0
IPR010531	1.24	1.24	0	0	0
IPR010530	3.88	3.88	0	0	0
IPR010534	1.82	0	1.82	0	0
IPR010398	1.02	0	1.02	0	0
IPR010393	1.01	0	1.01	0	0
PTHR11697:SF2	1.8	1.8	0	0	0
IPR015492	1.2	1.2	0	0	0
PF05809	1.23	1.23	0	0	0
PF05802	1	0	1	0	0
IPR016633	1.01	0	1.01	0	0
IPR016630	1	0	1	0	0
IPR016631	1	0	1	0	0
IPR016634	1.28	1	1.28	0	0
IPR016639	1.37	1.8	1.15	0	0
IPR012823	1.08	2	1.08	0	0
PF10809	1.14	0	1.14	0	0
PF10804	1	0	1	0	0
PF10805	1.09	0	1.09	0	0
PF10801	1	0	1	0	0
PF10802	3.25	0	0	3.25	0
PTHR13952	1.12	1.12	0	0	0
IPR004260	1	0	1	1	0
IPR018908	1.15	1.17	1	0	0
IPR018902	3.5	3.5	0	0	0
IPR018900	1.03	0	1.03	0	0
IPR018901	1.07	0	1.07	0	0
IPR018904	1.33	1.33	0	0	0
IPR020516	1.06	0	1.06	0	0
IPR020517	1	0	1	0	0
IPR020513	1.02	0	1.02	0	0
IPR020510	1	0	1	0	0
PTHR23287	1.14	1.14	0	0	0
PF10020	1.19	0	1.19	0	0
PTHR15597:SF1	1	1	0	0	0
IPR004205	1.19	1.19	0	0	0
IPR008581	5.5	5.5	0	0	0
TIGR01110	1.04	0	1.04	0	0
PTHR21573	1	1	0	0	0
PTHR21570	1	1	0	0	0
PTHR21397	1.7	1.7	0	0	0
PTHR21394	1.57	1.57	0	0	0
PD002844	1	0	1	0	0
IPR007395	1.04	0	1.04	0	0
MF_01583	1	0	1	0	0
PD029828	1	0	1	0	0
PTHR11662:SF30	1.4	1.4	0	0	0
IPR007262	1.52	1.52	0	0	0
PF08192	1.36	1.36	0	0	0

IPR007264	1.06	1.09	0	1	0
IPR013396	1.06	0	1.06	0	0
IPR013394	1.8	0	1.8	0	0
IPR013392	1.19	0	1.19	0	0
IPR013393	1.12	0	1.12	0	0
IPR013391	1.19	0	1.19	0	0
IPR013398	1.07	1	1.07	0	0
IPR013399	1.04	0	1.04	0	0
IPR013640	1	1	0	0	0
IPR014582	1.33	0	1.33	0	0
IPR014583	1	0	1	0	0
IPR021216	1.23	1.23	0	0	0
IPR021218	1.02	0	1.02	0	0
IPR004716	1.21	0	1.21	0	0
IPR004714	1.07	0	1.07	0	0
IPR016878	1.05	0	1.05	0	0
IPR016877	1.06	0	1.06	0	0
IPR012513	1.08	1.08	0	0	0
IPR016873	1	0	1	0	0
PD027639	1	0	1	0	0
IPR009494	1.54	0	1.54	0	0
IPR009495	1.42	0	1.42	0	0
IPR009492	1.24	1	1.25	0	0
IPR009491	1.1	0	1.1	0	0
IPR019699	1	0	1	0	0
IPR019698	1.02	0	1.02	0	0
PTHR13287	1.25	1.25	0	0	0
PF01908	1.82	0	1.6	1.87	0
IPR019693	1.02	0	1.02	0	0
IPR019695	1.02	0	1.02	0	0
IPR019694	1.13	0	1.13	0	0
PF01905	1.09	0	1	1.16	0
IPR011092	1.3	0	1.3	0	0
IPR002718	72.88	0	72.88	0	0
IPR002712	1.24	0	1.24	0	0
IPR019522	2	2	0	0	0
IPR014118	1.54	0	1.54	0	0
PTHR10229	1.14	1.25	1	0	0
IPR000824	1.07	0	1.07	0	0
IPR014806	1.14	1.14	0	0	0
IPR014802	1	1	0	0	0
IPR014801	1.12	1.12	0	0	0
PTHR11337:SF7	1.5	1.5	0	0	0
PTHR21800	1.33	1.33	0	0	0
PTHR23110:SF3	1	1	0	0	0
PTHR23023:SF1	1.45	1.29	1.59	0	0
IPR020499	1	0	1	0	0
IPR020493	1	0	1	0	0
IPR020492	1	0	1	0	0
IPR020490	1.02	0	1.02	0	0
IPR020496	1	0	1	0	0
TIGR01737	1	0	1	1	0
IPR012605	1	0	1	0	0
PTHR20863	1	1	1	0	0
IPR016987	1	0	1	0	0
PTHR20867	1.12	1.12	0	0	0
PTHR20864	1.67	1.67	0	0	0
TIGR03601	1.46	0	1.46	0	0
TIGR03602	1.06	0	1.06	0	0
TIGR03603	1	0	1	0	0
PF06359	3.56	0	3.56	0	0
PTHR22294	1.4	1.4	0	0	0
IPR021450	1.13	0	1.11	1.5	0
IPR021452	1	0	1	0	0
IPR021453	2.06	0	2.06	0	0
IPR021456	1	0	1	0	0
IPR021457	1.18	2	1.18	0	0
IPR018635	1.49	0	1.49	0	0
IPR018636	1.07	0	1.07	0	0

IPR018630	1.14	1.14	0	0	0
TIGR02552	1	0	1	0	0
IPR021980	1.95	1.95	0	0	0
IPR009749	1.02	1	1.02	0	0
IPR007326	1.67	0	1.67	0	0
IPR007327	3.04	3.04	0	0	0
IPR007876	4.25	0	4.25	0	0
IPR002994	1.26	1.22	1.27	0	0
IPR004660	1	0	1	0	0
IPR010837	1.16	0	1.16	0	0
IPR010838	1.04	0	1.04	0	0
IPR009913	1	0	1	0	0
IPR009912	1.01	0	1.01	1	0
IPR001645	1.21	1.27	1	0	0
PTHR13589:SF6	2.5	2.5	0	0	0
IPR019454	1.42	0	1.42	0	0
PF06381	1.3	0	1.3	0	0
IPR004699	1.12	0	1.12	0	0
IPR004697	1.26	0	1.26	0	0
IPR004692	1.02	1	1.02	0	0
IPR004690	1.02	0	1.02	0	0
IPR016939	1	1	0	0	0
IPR017167	1	0	1	0	0
IPR016931	1.03	0	1.03	0	0
IPR017166	1.28	0	1.28	0	0
IPR016935	1.07	0	1.07	0	0
IPR016934	1	0	1	0	0
IPR016936	1.21	0	1.21	0	0
IPR005346	1.05	0	1.05	0	0
IPR004965	5	5	0	0	0
IPR004964	1.67	0	1.67	0	0
IPR018574	1.12	1.12	0	0	0
IPR009518	1.38	2.56	1.03	0	0
IPR009511	1.15	1.15	0	0	0
IPR009510	1.06	0	1.06	0	0
IPR009515	3.14	3.14	0	0	0
PTHR14407:SF8	1.43	1.43	0	0	0
PD141294	1.29	0	1.29	0	0
PF04953	1.15	0	1.15	0	0
IPR010480	4	4	0	0	0
TIGR03442	1	0	1	0	0
PTHR21102	2.4	2.4	0	0	0
PTHR21108	1.21	1.21	0	0	0
IPR016421	1.2	0	1.2	0	0
TIGR02853	1	0	1	0	0
IPR016918	1.17	0	1.17	0	0
PTHR12763:SF2	1.25	1.25	0	0	0
IPR020133	1.5	1.5	0	0	0
IPR020135	1	0	1	0	0
IPR020138	1	0	1	0	0
IPR001400	12.8	12.8	0	0	0
TIGR00562	1	1	1	0	0
IPR019029	1.03	0	1.03	0	0
IPR019027	1.11	0	1.11	0	0
IPR012765	1	0	1	0	0
IPR015235	1.78	0	1.78	0	0
IPR015231	1.01	0	1.01	0	0
PTHR12553:SF4	1.09	1.14	1	0	0
PD042642	1	0	1	0	0
PTHR21669	3.75	3.75	0	0	0
PTHR21667	1.07	1.07	0	0	0
PTHR21665	1.67	1.67	0	0	0
IPR018770	1	0	1	0	0
IPR018772	1.03	0	1.03	0	0
IPR018775	1.19	0	1.19	0	0
PTHR10516:SF31	1	0	1	0	0
IPR009069	1.27	1.27	0	0	0
IPR011440	1.69	0	1.69	0	0
IPR011443	3.17	0	3.17	0	0



IPR010293	1.1	0	1.1	1	0
IPR014934	1.09	0	1.09	0	0
IPR010319	1.65	1	1.66	0	0
IPR002812	1.25	2.38	1.14	1	0
IPR022217	1.5	0	1.5	0	0
PD053380	1.07	0	1.07	0	0
PTHR15896:SF4	1.67	1.67	0	0	0
IPR012206	1.67	0	1.67	1.5	0
PF07225	1.15	1.15	0	0	0
TIGR02285	1	0	1	0	0
PTHR10996:SF1	5.14	5.14	0	0	0
PTHR16230	1.18	1.18	0	0	0
IPR005137	1.08	1.14	1.07	1.07	0
PTHR13042	1	1	0	0	0
PTHR13047	1.42	1.42	0	0	0
IPR018987	1	0	1	0	0
IPR018985	1	0	1	0	0
IPR018988	1.16	0	1.16	0	0
IPR018989	1.77	0	1.77	0	0
PTHR23203	4.67	4.67	0	0	0
PTHR23207	2.4	2.4	0	0	0
PTHR23205	1.11	1.11	0	0	0
PTHR10539	1.25	1.25	0	0	0
IPR009309	1.01	0	1.01	0	0
IPR009303	1.2	0	1.2	0	0
IPR009300	2.07	0	2.07	0	0
IPR009301	1.85	0	1.85	0	0
PD034160	1.29	0	1.29	0	0
PTHR22663:SF10	1.61	1.61	0	0	0
TIGR02722	1.01	0	1.01	0	0
PTHR14320	1.25	1.25	0	0	0
PTHR12295:SF2	2.14	2.14	0	0	0
PTHR22666	1.73	1.73	0	0	0
TIGR03133	1	0	1	0	0
TIGR03131	1	0	1	0	0
PTHR10074:SF11	1.11	0	1.11	0	0
PTHR10074:SF14	1.7	1.7	0	0	0
IPR021458	1	0	1	0	0
IPR007158	1.12	0	1	1.17	0
IPR007153	1.01	1	1.02	1	0
IPR012041	1	0	0	1	0
IPR012043	1	0	0	1	0
IPR012042	1	0	1	0	0
IPR012596	1	0	1	0	0
IPR012595	1.16	1.75	1	0	0
IPR001210	1.31	1.49	0	1.02	0
IPR021299	1.13	0	1.13	0	0
IPR021297	1.07	0	1.07	1	0
IPR021292	1	0	1	0	0
IPR021290	1.56	0	1.56	0	0
IPR021291	1.41	0	1.41	0	0
PTHR16038	1	1	0	0	0
IPR019612	1	0	1	0	0
IPR019615	1.03	1	1.03	0	0
IPR019617	1.02	0	1.02	0	0
PTHR21419:SF7	1.33	1.33	0	0	0
IPR015066	1.11	0	1.11	0	0
IPR015067	1	0	1	0	0
IPR015065	1.02	0	1.02	0	0
IPR015062	1.05	0	1.05	0	0
IPR015060	1.03	0	1.03	0	0
IPR021831	1.08	0	1.08	0	0
IPR015068	1.1	0	1.1	0	0
IPR008898	1	0	1	0	0
IPR008892	4.86	4.86	0	0	0
IPR003849	1.05	0	1.05	0	0
IPR006368	1.11	1.25	1	0	0
PF01203	1.01	0	1.01	0	0
IPR016777	1	0	1	0	0

IPR016776	1	0	1	0	0
PTHR13205:SF8	1.12	1.12	0	0	0
IPR012905	1	0	1	0	0
PF06896	1	0	1	0	0
PF06893	1.07	0	1.07	0	0
PD868899	1.43	1.43	0	0	0
IPR004457	1.89	2.36	0	1	0
PF10701	1	0	1	0	0
PTHR23071	1	1	0	0	0
PTHR23072	1.12	1.12	0	0	0
TIGR01010	1.08	0	1.08	0	0
PD030925	1.67	0	1.67	0	0
PTHR21296	1	1	0	0	0
PTHR12979:SF2	1	1	0	0	0
TIGR03300	1	0	1	0	0
TIGR03302	1	0	1	0	0
TIGR03307	1	0	1	0	0
TIGR03308	1.06	0	1.06	1	0
PTHR12526:SF8	1.08	0	1.08	0	0
PTHR12526:SF9	1	1	1	1	0
IPR020998	1.33	1.33	0	0	0
IPR020990	1.48	0	1.48	0	0
IPR020991	1.16	0	1.16	0	0
IPR020995	1	0	1	0	0
IPR003536	3	0	3	0	0
IPR007343	1.22	0	1.22	0	0
IPR009844	3.75	0	0	3.75	0
PD133063	1.13	0	1.13	0	0
IPR015004	1	0	1	0	0
IPR004615	1.01	0	1.01	0	0
IPR018862	2.35	2.35	0	0	0
IPR018865	1.31	1.31	0	0	0
IPR004612	1.1	0	1.1	0	0
IPR018867	2.23	2.23	0	0	0
IPR018868	2.2	2.2	0	0	0
IPR012651	1.16	0	1.16	0	0
IPR012655	3.56	0	3.56	0	0
IPR012658	1.01	0	1.01	0	0
IPR021318	1.01	0	1.01	0	0
IPR021313	1.06	0	1.06	0	0
IPR021316	1.34	0	1.34	0	0
IPR009592	1.17	0	1.17	0	0
IPR009597	3.69	0	3.69	0	0
IPR009599	1	0	1	0	0
IPR008408	1.67	1.67	0	0	0
PF12084	1	0	1	0	0
PTHR13412	1.19	1.19	0	0	0
PTHR13413	1.57	1.57	0	0	0
IPR008403	1.4	1.4	0	0	0
MF_01817	1	0	1	0	0
MF_01812	1	0	1	0	0
IPR010409	7.57	7.57	0	0	0
IPR014962	2.03	0	2.03	0	0
IPR014965	1	0	1	0	0
IPR014967	2	0	2	0	0
IPR014969	1	0	1	1	0
PTHR15240	4.5	4.5	0	0	0
IPR021266	1.02	1	1.02	0	0
IPR016527	1	1	0	0	0
TIGR03519	4.67	0	4.67	0	0
PF10936	1	0	1	1	0
PF10937	1.05	1.05	0	0	0
PTHR12732	1	1	0	0	0
PTHR23055:SF32	1.15	1.15	0	0	0
IPR020203	1.03	0	1.03	0	0
IPR020200	1	0	1	0	0
IPR020206	1	0	1	0	0
IPR020207	1.5	1.5	0	0	0
IPR020208	1.67	0	1.67	0	0

PTHR20948	1.39	1.39	0	0	0
PTHR20945	1	1	0	0	0
PTHR20947	1	1	0	0	0
IPR007440	1.05	0	1.05	0	0
TIGR00072	1	0	1	1	0
PD170611	1	0	1	0	0
PD170612	1	0	1	0	0
IPR009750	1	0	1	0	0
IPR009753	3.25	0	3.25	0	0
PD070794	1.25	0	1.25	0	0
TIGR03523	1.14	0	1.14	0	0
PTHR22880:SF19	1.33	1.33	0	0	0
PTHR22397	1	1	0	0	0
IPR021667	1.33	0	1.33	0	0
IPR000940	2.86	3.36	1	0	0
IPR003766	1.12	1	1.11	2	0
IPR003763	1.08	0	1.08	0	0
IPR003761	1.03	1	1.03	1	0
IPR003768	1.03	0	1.02	1.12	0
IPR000492	1.67	1.67	0	0	0
IPR001729	1.25	1.25	0	0	0
PTHR21290:SF1	3.43	3.43	0	0	0
IPR013481	1.06	0	1.06	0	0
MF_00565	1	0	1	0	0
IPR008561	1	1	1	0	0
IPR008560	1.81	1.81	0	0	0
IPR021509	1.02	0	1.02	0	0
IPR021502	1.19	0	1.19	0	0
IPR021500	1	0	1	0	0
IPR021501	1	0	1	0	0
IPR021506	1	0	1	0	0
IPR021507	8.67	8.67	0	0	0
IPR021505	1.21	0	1.21	0	0
PTHR14194:SF2	1.2	1.33	1.15	0	0
PTHR14194:SF1	1.12	0	1.12	0	0
IPR008389	2.04	2.04	0	0	0
IPR008386	1.2	1.2	0	0	0
PTHR12975	1.29	1.29	0	0	0
PTHR12972	1.36	1.36	0	0	0
IPR009386	1.02	0	1.02	0	0
IPR009384	1.04	0	1.04	0	0
IPR009385	1.33	0	1.33	0	0
PF12328	1.03	1.04	1	0	0
PF02697	1.87	0	0	1.87	0
PTHR13628	1.25	1.25	0	0	0
PTHR13627	1.14	1.14	0	0	0
PTHR13620	1.67	1.67	0	0	0
IPR016757	1	0	0	1	0
IPR010617	1.54	2.83	1.4	2.17	0
IPR010619	1.84	2.2	1.8	1.5	0
IPR017042	1.75	0	1.75	0	0
IPR017041	1.33	0	1.33	0	0
IPR008728	1.21	1.21	0	0	0
TIGR03587	1	0	1	1	0
TIGR03582	1	0	1	0	0
PTHR11210:SF3	1.25	1.25	0	0	0
PTHR11210:SF1	1	1	0	0	0
PTHR23154:SF40	1.17	1.17	0	0	0
TIGR02953	1.06	0	1.06	0	0
PD042766	1	0	1	0	0
PTHR21589	1.22	1.22	0	0	0
PTHR21588	1.81	1.81	0	0	0
PTHR21586	1.23	1.23	0	0	0
PTHR21585	2.67	2.67	0	0	0
PTHR21581	1.86	1.86	0	0	0
PTHR21055	2.85	2.85	0	0	0
PTHR21053	1.1	1.1	0	0	0
PTHR21052	1.29	1.29	0	0	0
IPR005996	1	0	1	0	0

IPR002176	1.03	1	1.03	1	0
IPR009856	2.17	2.17	0	0	0
IPR009858	1.02	2	1.01	0	0
PTHR13824:SF6	1.75	1.75	0	0	0
PTHR13824:SF5	1.83	1.83	0	0	0
IPR017208	1.14	0	1.14	0	0
IPR007458	1.04	0	1.04	0	0
IPR007459	1.01	0	1.01	0	0
IPR007456	1.01	0	1.01	0	0
IPR007457	1.02	0	1.02	1	0
IPR007451	1.02	0	1.02	0	0
IPR007453	1.15	0	1.14	1.8	0
IPR012361	1	0	1	0	0
IPR012366	1	0	1	0	0
IPR008480	12.14	12.14	0	0	0
IPR019311	1.04	1.04	0	0	0
IPR019314	1.11	1.11	0	0	0
IPR019318	1.34	1.34	0	0	0
IPR008735	1.6	1.6	0	0	0
IPR008730	1	1	0	0	0
PTHR19410:SF11	1.17	1.2	1	0	0
IPR021014	10.75	0	10.75	0	0
IPR001499	1.9	1.9	0	0	0
IPR009468	1.07	0	1.07	0	0
IPR009467	1.15	0	1.15	0	0
IPR014271	1.08	0	1.08	0	0
TIGR01545	1.02	0	1.02	0	0
TIGR01091	1	1	1	0	0
PTHR14208	1.75	1.75	0	0	0
PD070949	1.53	0	1.53	0	0
PTHR21217	1.6	1.6	0	0	0
PTHR21215	1	1	0	0	0
PTHR21218	1.29	1.29	0	0	0
IPR020911	1.01	0	1.01	0	0
PF08524	1.04	1.05	0	1	0
PTHR11926:SF15	14.5	14.5	0	0	0
IPR001319	1.5	1.5	0	0	0
PTHR13469:SF4	1.43	1.43	0	0	0
PTHR13469:SF1	1.2	1.2	0	0	0
IPR021396	1.23	0	1.23	0	0
IPR021395	1.03	0	1.03	0	0
IPR021399	1.4	0	1.4	0	0
IPR021398	1.04	0	1.04	0	0
PTHR13328	1.25	1.25	0	0	0
PTHR13322	1.35	1.35	0	0	0
IPR019151	1.49	1.14	1.71	1.4	0
IPR019488	1	1	0	0	0
IPR015309	1.11	0	1.11	0	0
PTHR13497	1.61	1.61	0	0	0
PTHR13491	1.26	1.26	0	0	0
PTHR13493	1	1	0	0	0
IPR021974	1	0	1	0	0
IPR018685	2.13	0	2.83	1.67	0
IPR018687	1.09	1	1.09	0	0
IPR018686	1	0	1	1	0
IPR018681	1.06	0	1.06	0	0
IPR018680	1.04	1	1.04	1	0
IPR018682	1.06	0	1.06	0	0
IPR009260	1.37	0	1	1.44	0
IPR005564	1.43	0	1.43	0	0
IPR005562	2.89	0	2.89	0	0
IPR002038	2.89	2.89	0	0	0
IPR014478	1	0	1	0	0
PF05976	1.39	1	1.39	0	0
IPR007551	1.05	3	1.04	0	0
IPR000526	1.6	1.86	1	0	0
IPR004315	2.2	2.2	0	0	0
IPR008674	1.1	0	0	1.1	0
IPR008677	2.86	3.17	1	0	0

PF11576	1	0	0	1	0
PTHR17204:SF6	1	1	0	0	0
PD360721	1.33	1.33	0	0	0
IPR014601	1	0	1	0	0
PTHR22463	1.15	1.15	0	0	0
PTHR18867:SF11	1.2	1.25	1	0	0
IPR017557	1.03	0	1.03	0	0
PD710533	1	0	1	0	0
IPR007798	2	2	0	0	0
IPR007795	2.68	0	2.68	0	0
PTHR10160:SF2	1.08	0	1.08	0	0
PD029376	2	0	2	0	0
PD198255	1.29	0	1.29	0	0
PTHR10160	1	0	1	0	0
IPR012469	1.31	1.67	1	0	0
IPR009659	1.01	0	1.01	0	0
IPR001109	1.42	0	1.46	1.1	0
IPR021585	1	0	0	1	0
IPR022057	1.66	1.66	0	0	0
IPR022050	1.09	1	1.09	0	0
IPR019727	1	1	0	0	0
IPR019723	1.63	0	1.63	0	0
IPR019722	1	0	1	0	0
IPR019728	1.04	0	1.04	0	0
IPR008303	1	0	0	1	0
IPR008304	1	0	0	1	0
IPR008308	1.02	0	1.02	0	0
IPR015112	1	0	1	0	0
IPR015113	1	0	1	0	0
IPR002480	1.26	2.26	1.1	0	0
IPR010564	1	0	1	0	0
IPR010567	2.29	0	2.29	0	0
PTHR11654	1.6	1.6	0	0	0
IPR010696	1.01	0	1.01	0	0
IPR010697	1.01	0	1.01	0	0
IPR010695	1.15	1.15	0	0	0
IPR010692	2.33	0	2.33	0	0
IPR010690	1.02	0	1.02	0	0
IPR010691	1.02	0	1.02	0	0
PTHR10356	3	3	0	0	0
IPR022121	2.4	0	2.42	2	0
MF_01061	1	0	1	0	0
IPR007960	16.56	16.56	0	0	0
PF04126	1.08	0	1.03	1.25	0
PTHR12586	1.3	1.42	1	0	0
PTHR12581	1.37	1.37	0	0	0
IPR012875	1.14	1.31	1.02	0	0
IPR012879	1.18	1.18	0	0	0
PF02157	1.23	1.23	0	0	0
PD066019	1	0	1	0	0
IPR012566	1	0	1	0	0
IPR012567	1	0	1	0	0
TIGR02794	1.02	0	1.02	0	0
IPR021741	1.31	0	1.27	1.5	0
IPR021749	1	0	1	0	0
PTHR21502	1.74	1.74	0	0	0
IPR005915	5.41	0	5.41	0	0
PF08927	1.5	1.5	0	0	0
IPR018602	1.06	0	1.06	0	0
PTHR15378	2.33	2.33	0	0	0
MF_01266	1	0	1	0	0
IPR007184	1.89	1.5	1.98	1.25	0
IPR001801	2.88	3	2.88	0	0
IPR007236	1.02	0	1.02	0	0
IPR008409	1.2	1.2	0	0	0
IPR008406	5.71	5.71	0	0	0
IPR008401	1.07	1.07	0	0	0
PTHR11276:SF2	1	0	1	0	0
IPR021268	1.57	0	1.57	0	0

IPR021263	1.94	0	1.94	0	0
IPR021262	1.71	0	1.71	0	0
IPR021260	1.14	0	1.14	0	0
PTHR16757	1.25	1.33	1	0	0
IPR016844	1	0	1	0	0
IPR016847	1	0	1	0	0
IPR009752	1.15	0	1.15	0	0
IPR016841	1.07	0	1.07	0	0
IPR016843	1	0	1	0	0
IPR009759	1.78	0	1.78	0	0
IPR009758	1.23	0	1.23	0	0
IPR005272	1.4	0	1.4	0	0
PTHR11201:SF38	1.08	1.08	0	0	0
IPR019392	1.59	1.59	0	0	0
IPR019393	1.28	1.28	0	0	0
IPR019394	2.39	2.39	0	0	0
IPR019397	1.65	1.65	0	0	0
PTHR12011:SF3	3	3	0	0	0
IPR005497	1.08	1.38	1	0	0
IPR002723	1.02	0	1.03	1	0
IPR002725	1.28	0	1.28	1.19	0
IPR003897	1.83	0	1.83	0	0
IPR017496	1.1	0	1.1	0	0
IPR017499	1.05	1.22	1	0	0
IPR010711	1.6	1.6	0	0	0
PTHR21871	1	1	0	0	0
PTHR19432:SF2	1.33	1.37	1.2	0	0
IPR016457	1	0	1	1	0
PTHR10333:SF22	1.25	1.25	0	0	0
PTHR13480	1.39	1.39	0	0	0
IPR020332	1	0	1	0	0
IPR020330	1	0	0	1	0
PTHR11600:SF38	1.33	1.33	0	0	0
IPR021461	1.5	0	1.5	0	0
IPR021465	1	0	1	0	0
IPR021464	3	0	3	0	0
IPR021468	1	0	1	0	0
PD030350	1.2	0	1.2	0	0
PTHR21714	1.36	1.36	0	0	0
PTHR21718	1.07	1.07	0	0	0
PTHR21719	2	2	0	0	0
IPR015385	1	0	1	0	0
IPR015389	1.6	1.6	0	0	0
PTHR11540	1.14	2	1	0	0
IPR009953	1.15	0	1.15	0	0
IPR009952	1.2	1.2	0	0	0
IPR009950	1.02	0	1.02	0	0
IPR009957	2	0	2	0	0
IPR009956	1.2	0	1.23	1	0
IPR009954	1.78	0	1.78	0	0
IPR009295	1.21	0	1.21	0	0
IPR010263	1.82	0	1.82	0	0
IPR010266	1.35	1	1.35	0	0
IPR007882	1.62	1.62	0	0	0
IPR007884	1.21	1.23	1	0	0
IPR010849	1.38	1.38	0	0	0
IPR010848	1.04	0	1.04	0	0
IPR010841	1.09	0	1.09	0	0
IPR010840	1.04	0	1.04	0	0
PTHR21596:SF1	1.5	1.5	0	0	0
PD053230	1	0	1	0	0
PD016359	1	0	1	0	0
PF06914	2	0	2	0	0
IPR001612	2.94	2.94	0	0	0
IPR001614	2.93	2.93	0	0	0
IPR001615	2.2	0	2.2	0	0
PF07352	1	0	1	0	0
PTHR23125:SF22	4.5	4.5	0	0	0
PTHR23125:SF26	1	1	0	0	0

IPR019215	1.75	0	1	1.8	0
IPR019217	1	0	1	1	0
IPR019211	1	0	0	1	0
IPR019210	1	0	0	1	0
IPR019212	1	0	0	1	0
IPR019218	1	0	0	1	0
PD107456	1	1	0	0	0
IPR014464	1	0	1	0	0
IPR009542	1.16	1.16	0	0	0
IPR019289	1.17	0	1.17	0	0
PTHR14124	1	1	0	0	0
PTHR15294	1.6	1.6	0	0	0
PTHR15296	1.2	1.2	0	0	0
IPR005370	1.1	0	1.1	0	0
PTHR12420:SF3	1.64	1.64	0	0	0
PTHR15744	1.35	1.35	0	0	0
PF11092	1.5	1.5	0	0	0
PTHR23161:SF2	1.33	1.33	0	0	0
PTHR21156	1.17	1.17	0	0	0
PTHR21157	1	1	0	0	0
PTHR21321:SF1	1.17	1.17	0	0	0
PTHR21321:SF2	1.25	1.25	0	0	0
PD104119	1	0	1	0	0
PD033929	1.17	0	1.17	0	0
IPR007715	1.51	1.3	1.94	0	0
TIGR02826	1	0	1	0	0
IPR020100	1.5	1.5	0	0	0
IPR020105	1	0	1	0	0
IPR021055	2.15	0	2.15	0	0
IPR001185	1.06	1.25	1.06	1.17	0
IPR019054	1.33	0	1.5	1	0
IPR019051	1.02	0	1.02	0	0
IPR019058	1	0	1	0	0
IPR019214	1	0	0	1	0
IPR018013	1.83	0	1.83	0	0
IPR011471	4.5	0	4.5	0	0
IPR011470	2.17	0	2.17	0	0
IPR011473	1.04	1	1.04	0	0
IPR013837	1	1	0	0	0
PTHR19211:SF7	1	1	1	0	0
IPR014644	1	1	0	0	0
IPR016648	1	0	0	1	0
IPR013161	1.5	0	1.5	0	0
IPR013169	1.07	1.07	0	0	0
PTHR16886	1.25	1.25	0	0	0
PF10879	1	0	1	0	0
PF10875	1	0	1	0	0
PF10873	1.6	1.6	0	0	0
PTHR15504	1.12	1.12	0	0	0
PF06704	1	0	1	0	0
PF06705	1.8	1.8	0	0	0
PF03283	2.72	4.19	1.12	0	0
IPR008020	1	0	1	0	0
IPR008024	1.81	0	1.81	0	0
IPR008027	1.16	1.16	0	0	0
PF05426	1.16	1.5	1.15	0	0
PTHR23185	1.64	1.64	0	0	0
PTHR23186	1.71	1.71	0	0	0
PTHR14379	1.36	1.36	0	0	0
TIGR00412	1.08	0	1.06	1.22	0
MF_01229	1	0	1	0	0
TIGR03149	1	0	1	0	0
PTHR11654:SF37	5.67	5.67	0	0	0
IPR020600	1.05	0	1.25	1	0
IPR003332	1.67	0	1.67	0	0
IPR013365	1	0	1	0	0
IPR000688	1.35	0	1.38	1.13	0
IPR000686	3.2	3.2	0	0	0
PTHR17469:SF8	3.5	3.5	0	0	0

IPR012096	1	0	0	1	0
IPR012097	1	0	1	0	0
IPR012093	1	0	1	0	0
IPR021150	1.17	1.31	1	0	0
IPR021156	7.25	7.25	0	0	0
IPR012545	1.13	0	1.13	1	0
IPR012546	4.67	0	0	4.67	0
IPR012543	1.09	0	1.09	0	0
IPR011675	1.75	0	1.75	0	0
IPR008226	1	1	1	0	0
PTHR12701:SF1	1.43	1.43	0	0	0
IPR015019	1.16	1.17	0	1	0
PD022058	1.12	0	1.12	0	0
IPR006990	2.33	2.33	0	0	0
TIGR00910	1	0	1	0	0
IPR010793	2.2	2.2	0	0	0
IPR010797	2	2	0	0	0
IPR010794	1.04	0	1.04	0	0
IPR003810	2.74	1	2.79	2.1	0
IPR017411	1.6	1.6	0	0	0
IPR014852	1.04	0	1.04	0	0
PTHR22526	1.1	1.1	0	0	0
IPR000892	1.3	1.38	0	1	0
PTHR11751:SF21	1	0	1	0	0
PTHR11751:SF29	1.2	1.2	0	0	0
IPR019638	1.61	0	1.61	0	0
PTHR11938:SF8	1.25	0	1.25	1	0
PTHR11938:SF4	1	1	1	0	0
PTHR15672:SF7	1.2	1.2	0	0	0
PTHR15672:SF1	2.57	2.57	0	0	0
IPR020443	3.29	3.29	0	0	0
PF10756	2.17	0	2.17	0	0
IPR008495	3	0	3	0	0
PF05213	1	0	1	0	0
PF05218	3	9	1	0	0
TIGR02505	1	0	1	0	0
TIGR02500	1.12	0	1.12	0	0
TIGR02501	1	0	1	0	0
TIGR02503	1	0	1	0	0
PTHR21468	1.2	1.2	0	0	0
PTHR21796	1.17	1.17	0	0	0
PTHR21797	1.36	1.36	0	0	0
IPR022155	1.17	1.17	0	0	0
PTHR23236:SF2	1	1	0	0	0
IPR007801	1.42	0	1.42	0	0
IPR007800	4	0	4	0	0
IPR007808	1.27	1.36	1	1	0
PTHR19222:SF31	1	1	1	0	0
PTHR19222:SF32	1	0	1	1	0
IPR001928	6	6	0	0	0
IPR007375	1.38	0	1.38	0	0
IPR007376	1.06	0	1.06	0	0
IPR016219	1	1	0	0	0
PTHR21152:SF1	1.06	1	1.07	0	0
IPR021342	1	0	1	0	0
IPR021343	1	0	1	0	0
IPR021344	1.26	0	1.26	0	0
IPR021347	2.39	0	2.39	0	0
PTHR19242:SF53	1	0	1	0	0
IPR001690	1.63	1	1.64	0	0
IPR017254	1	0	1	0	0
IPR012661	3.7	0	3.7	0	0
IPR012667	1.04	0	1.04	1	0
IPR016963	1	0	1	0	0
IPR019298	1.29	0	1.27	1.33	0
IPR019296	1	0	0	1	0
IPR012508	1	0	0	1	0
PTHR11999:SF5	1.2	1.2	0	0	0
PD026569	1.17	0	1.17	0	0



IPR005598	1.02	1	1.02	0	0
IPR005591	1.15	0	1.15	0	0
PTHR13425	1.33	1.33	0	0	0
PTHR13420	1.1	1.1	0	0	0
IPR019433	1	1	0	0	0
IPR019435	1.67	1.67	0	0	0
IPR002644	1.07	1.3	1	0	0
IPR003996	1.19	0	1.19	0	0
IPR006818	1.35	1.35	0	0	0
PTHR21159	1.36	1.36	0	0	0
IPR006813	1.93	2.06	1	0	0
IPR006812	1.68	0	1.68	0	0
IPR006811	1.19	1.19	0	0	0
IPR006817	2.2	0	2.2	0	0
PF11093	1	1	0	0	0
PTHR21931	1.56	1.56	0	0	0
IPR014959	1.05	0	1.05	0	0
IPR014951	3	0	3	0	0
IPR014953	1	1	1	0	0
IPR014952	1	1	1	0	0
IPR014955	1.03	1	1.03	0	0
IPR014954	1	1	1	0	0
IPR016557	1	0	1	1	0
IPR016553	1.33	1.33	0	0	0
IPR016550	1.8	1.8	0	0	0
PF10949	1	0	1	0	0
IPR019688	1	0	1	0	0
IPR019689	1.42	0	1.42	0	0
PF11019	2.35	1	2.42	0	0
IPR019683	1	0	1	0	0
IPR019685	1.02	0	1.02	0	0
PTHR20970	1.08	1.08	0	0	0
PTHR20979	1	1	0	0	0
PTHR12294:SF2	1	1	0	0	0
IPR020180	1	0	1	0	0
IPR020183	1	0	1	0	0
IPR020185	1	0	1	0	0
IPR020186	1.4	1.4	0	0	0
IPR019534	1.07	1.09	1	0	0
IPR018728	1.31	0	1.3	2	0
IPR018729	1.14	0	1.14	0	0
IPR018723	1.13	0	1.13	1.17	0
IPR018721	1.49	1	1.53	1	0
IPR021633	2.08	2.08	0	0	0
IPR021634	1	0	1	0	0
IPR021637	1.14	0	1.14	0	0
PTHR21613	1.58	1.58	0	0	0
PTHR21617	1.12	1.12	0	0	0
IPR005865	1	0	0	1	0
PTHR11375	1.48	1.48	0	0	0
IPR010345	3.75	3.75	0	0	0
IPR010341	8.14	8.14	0	0	0
IPR010342	1.05	1.19	1.03	0	0
IPR010343	1.76	2	1.76	1	0
IPR000990	8.52	8.52	0	0	0
IPR002844	1	0	0	1	0
IPR006741	1.77	0	1.77	0	0
MF_01641	1	0	1	0	0
PF07783	1	0	0	1	0
PTHR12011:SF12	2.31	2.31	0	0	0
IPR001719	1.03	1	1.03	1	0
IPR008530	1.38	1.38	0	0	0
IPR008536	1.22	1.33	1	0	0
PF06127	1.79	1.79	1.79	0	0
TIGR03090	1	0	1	0	0
IPR004878	4.35	4.35	0	0	0
IPR004873	19.86	19.86	0	0	0
PTHR13098	1.47	1.47	0	0	0
PTHR13090	1.04	1.5	1	0	0

IPR009378	1.61	1.61	0	0	0
IPR009371	1	0	1	0	0
IPR009370	1.01	0	1.01	0	0
IPR009377	1.02	0	1.02	0	0
IPR021949	1	0	1	0	0
IPR018716	1	0	0	1	0
PTHR13077:SF3	1.4	1.4	0	0	0
PTHR15021	2.11	2.11	0	0	0
PTHR15020	1.15	1.17	1.14	0	0
PTHR15026	1	1	0	0	0
PTHR21366	1.14	1	1.14	0	0
PTHR11614:SF20	2.25	2.43	1	0	0
PTHR13286:SF1	1.06	1.06	0	0	0
PTHR13286:SF2	1.38	1.38	0	0	0
PTHR21178:SF1	1	1	0	0	0
PTHR21178:SF2	1	1	0	0	0
IPR000604	1.4	0	1.4	0	0
PF09541	1.07	0	1.07	0	0
IPR001559	1.25	1.36	1.25	1	0
IPR012015	1	0	1	1	0
PTHR21219:SF2	1.73	1.73	0	0	0
IPR019648	1.08	0	1.08	0	0
IPR019649	1.72	1	1.75	0	0
IPR019646	1.07	0	1.07	0	0
IPR019647	1.05	0	1.05	0	0
IPR019644	1.01	0	1.01	0	0
IPR019645	1.67	1.67	0	0	0
IPR019643	1.32	1	1.33	0	0
PTHR13626:SF1	2	2	0	0	0
PTHR21008	1.29	1.29	0	0	0
PTHR21009	5.08	5.08	0	0	0
PTHR10414:SF17	1	1	0	0	0
IPR011737	1.09	0	1.09	0	0
IPR011735	1.23	2	1	0	0
IPR011733	1.5	0	1.52	1	0
IPR009829	1.07	1.07	0	0	0
IPR009824	5	0	5	0	0
IPR009822	1.02	2	1.01	0	0
IPR009821	2	0	2	0	0
PTHR12826:SF3	1	1	0	0	0
IPR007463	1.31	0	1.31	0	0
MF_01565	1	0	1	0	0
MF_01566	1	0	1	0	0
PD199129	1	0	1	0	0
PTHR12396	2.29	2.29	0	0	0
PTHR10499:SF46	1.17	1.2	1	0	0
IPR012355	1	1	0	0	0
IPR012354	1.09	0	1.09	0	0
IPR012356	1.12	0	0	1.12	0
IPR014220	1	0	1	0	0
PD072223	1	0	1	0	0
IPR019329	1.32	1.32	0	0	0
PF02211	2.17	2	2.18	0	0
IPR019321	1.62	1.62	0	0	0
IPR019322	1.04	1.04	0	0	0
IPR004485	1.28	1	1.31	1	0
IPR008708	1.67	0	1.67	0	0
TIGR02585	1.08	0	1.09	1	0
PTHR11210	1.51	1.51	0	0	0
PTHR22779	1	1	0	0	0
TIGR03354	1	0	1	0	0
TIGR03352	1.38	0	1.38	0	0
PTHR11227:SF18	1.53	1.53	0	0	0
PTHR11227:SF17	1.18	1.18	0	0	0
IPR000036	1.18	0	1.18	0	0
IPR013248	1.07	1.07	0	0	0
PTHR21091:SF4	1	0	0	1	0
PTHR13356	1.45	1.56	0	1	0
PTHR13354	1.1	1.1	0	0	0

PTHR13350	1.35	1.35	0	0	0
PTHR21631:SF4	1.21	1.18	1.22	0	0
IPR012453	13.25	0	13.25	0	0
IPR006891	6.67	0	6.67	0	0
IPR010454	1	0	1	0	0
IPR010455	1.41	0	1.41	0	0
IPR010452	1.04	0	1.04	0	0
PD111187	1	0	1	1	0
IPR006279	1.4	0	1.4	0	0
IPR014487	1.02	0	1.02	0	0
PTHR12475:SF3	1	1	0	0	0
PTHR12475:SF2	1.36	1.36	0	0	0
MF_01155	1	0	1	0	0
MF_01157	1	0	1	0	0
IPR013907	2.28	2.28	0	0	0
IPR013906	1.19	1.19	0	0	0
IPR013901	1.42	1.87	1.09	0	0
IPR020273	1.02	0	1.02	0	0
IPR020271	1.2	0	0	1.2	0
IPR020277	1.05	0	1.05	0	0
PTHR23346	1	1	0	0	0
TIGR03578	1	0	1	0	0
TIGR03579	1	0	1	0	0
TIGR03577	1	0	1	0	0
TIGR03573	1.16	0	1.16	0	0
TIGR03570	1.06	0	1.06	1	0
PD074041	1	0	1	0	0
TIGR02621	1	0	1	0	0
PTHR21692	1.91	1.91	0	0	0
PTHR21696	1.6	1.6	0	0	0
PTHR21699	1.38	1.38	0	0	0
PTHR21698	3.21	3.21	0	0	0
IPR006079	1.44	0	1.44	0	0
PD052359	1	0	1	0	0
IPR000448	6.2	6.2	0	0	0
IPR007035	1.12	0	1.13	1	0
PF10877	1	0	1	0	0
IPR000268	1.13	1.22	0	1	0
IPR004566	1.08	1	1.08	0	0
IPR004569	1.02	0	1.02	0	0
PTHR15715:SF2	2.33	2.33	0	0	0
IPR015832	1.25	0	1	1.33	0
IPR009668	1.27	1.27	0	0	0
IPR009664	1.05	1	1.05	0	0
IPR009660	1.07	0	1.07	0	0
IPR009663	1.26	0	1.26	0	0
IPR001133	1.71	2.31	1.66	1.62	0
IPR021578	2.71	0	0	2.71	0
IPR021577	1	0	1	1	0
IPR021576	1	0	1	0	0
IPR003795	1.17	1	1.14	1.42	0
IPR011206	1	0	1	0	0
IPR011204	1.17	0	1.17	1.25	0
IPR011200	1.1	0	1.1	1	0
IPR011201	1.17	0	1.17	0	0
IPR009086	1	0	1	0	0
PTHR13676	1.18	1.18	0	0	0
PTHR17314	2	2	0	0	0
PTHR13672	1.67	1.67	0	0	0
PTHR13673	1.3	1.3	0	0	0
IPR010557	1.15	0	1.15	0	0
IPR014074	1.03	0	1.03	0	0
IPR007951	9	9	0	0	0
IPR016697	1.17	1.17	0	0	0
IPR013885	1.28	1.28	0	0	0
IPR016340	1	1	0	0	0
PF11115	1	0	1	0	0
IPR009363	1.23	0	1.23	0	0
PTHR16836	4.2	4.2	0	0	0

PTHR13293:SF6	1.89	1.89	0	0	0
IPR007294	1.07	0	1.09	1	0
PF09653	1	0	1	0	0
PTHR10283:SF41	1.2	0	1.2	0	0
PD472859	1.52	1.52	0	0	0
PTHR22068	1.17	1.17	0	0	0
TIGR02473	1	0	1	0	0
PTHR21080	1.07	1.07	0	0	0
IPR008849	1.69	1.69	0	0	0
IPR008846	2.64	0	2.64	0	0
IPR008840	1.19	0	1.19	0	0
IPR008841	1.85	0	1.85	0	0
MF_01299	1	0	1	0	0
IPR008022	1.65	0	1.65	0	0
IPR008028	1	1	0	0	0
IPR003452	1.5	1.5	0	0	0
IPR003454	1.51	0	1.59	1	0
IPR003459	16.25	0	16.25	0	0
IPR016953	1.67	1.67	0	0	0
IPR007204	1.48	1.48	0	0	0
MF_00653	1.02	0	1.02	0	0
IPR012864	3.16	3.16	0	0	0
IPR008473	1.1	0	1.1	0	0
IPR008472	23.47	23.47	0	0	0
IPR008470	1.07	1.38	1	0	0
IPR008479	2.03	4.75	1	0	0
IPR008478	2.67	0	2.67	0	0
IPR010890	1.03	0	1.03	0	0
TIGR03034	1	0	1	0	0
IPR015663	1.5	1.5	0	0	0
IPR015664	1.33	1.33	0	0	0
IPR015667	1.8	1.8	0	0	0
IPR015669	1.67	1.67	0	0	0
IPR008783	1.5	1.5	0	0	0
IPR016818	1.1	1.1	0	0	0
PTHR12860	1.24	1.24	0	0	0
IPR016812	1	1	0	0	0
IPR016813	1	1	0	0	0
IPR009787	1.23	1.23	0	0	0
PTHR13191	1.16	1.16	0	0	0
PD027692	1	0	1	0	0
IPR009438	7.5	7.5	0	0	0
IPR009439	2.36	3	1.25	0	0
IPR009436	1.24	1.24	0	0	0
IPR009431	3.86	3.86	0	0	0
IPR009432	1.28	1.28	0	0	0
PF11777	1.07	0	1.07	0	0
IPR006967	1.44	1	1.44	0	0
IPR006961	1	0	1	0	0
IPR010740	2	2	0	0	0
IPR010749	2.05	0	2.05	0	0
PTHR15104	1.56	1.56	0	0	0
PTHR12459	2.22	2.22	0	0	0
PTHR16208:SF4	1.8	1.8	0	0	0
PTHR21244	1.12	1.12	0	0	0
PTHR13063:SF2	1.14	1.14	0	0	0
PTHR11968:SF26	1.25	1.4	1	0	0
IPR020965	1	1	1	0	0
IPR020348	1	0	1	0	0
PTHR22181	1.07	1.07	0	0	0
IPR015465	1	1	1	0	0
IPR021926	1.03	0	1.03	0	0
IPR021927	2.14	0	2.14	0	0
IPR021920	1.25	2.22	1	0	0
IPR021921	1.19	0	1.19	0	0
PTHR22234	2.33	2.33	0	0	0
PTHR21765	1.33	1.33	0	0	0
PTHR21763	1.1	1.1	0	0	0
IPR018652	1	0	1	1	0

IPR018650	1.45	0	1.47	1	0
IPR018654	1.08	0	1.08	0	0
IPR009239	1	0	1	0	0
IPR009233	1.4	0	1.4	0	0
IPR009230	1	1	0	0	0
IPR009231	1.75	1.75	0	0	0
PTHR11571	1	1	1	0	0
PTHR13382	1.23	1.23	0	0	0
IPR009901	1.41	0	1.41	0	0
IPR009907	1.03	0	1.03	0	0
IPR007339	1.17	0	1.17	0	0
IPR007503	1	0	0	1	0
IPR007501	1	0	0	1	0
IPR010239	1.84	0	1.84	0	0
PTHR10153:SF1	1.14	1.14	0	0	0
PTHR16046:SF4	1.75	1.75	0	0	0
PF07091	1.04	0	1.04	0	0
IPR001624	1.14	1	1.14	0	0
PD109676	1	0	1	0	0
IPR019241	1.12	0	1.12	0	0
IPR008622	1.04	1	1.04	0	0
IPR008628	1.34	1.4	1	0	0
IPR005019	1.28	6.38	1.19	1.33	0
IPR009579	1.02	0	1.02	0	0
IPR009573	1	0	0	1	0
IPR009574	1.02	0	1.02	0	0
IPR009576	1.39	0	1.39	0	0
IPR002544	15.58	15.58	0	0	0
IPR014368	1	1	0	0	0
IPR014367	1	1	0	0	0
PF11520	1.25	0	0	1.25	0
PTHR14469	2.8	2.8	0	0	0
PTHR22430	1.09	1.09	0	0	0
TIGR02122	1.28	0	1.29	1	0
PTHR11732:SF2	1	0	1	0	0
PTHR21029:SF1	1.33	1.33	0	0	0
IPR007746	1.05	0	1.05	0	0
IPR007747	1.91	1.91	0	0	0
IPR000779	2.64	2.64	0	0	0
IPR016929	1.45	0	1.45	0	0
PTHR23231:SF1	1	1	0	0	0
PD575093	2	2	0	0	0
IPR013472	1.17	0	1.17	0	0
IPR005372	1.14	0	1.14	1	0
IPR005371	1.05	0	1.05	0	0
PTHR11915:SF30	1.2	1.2	0	0	0
IPR021067	1.48	4	1.06	0	0
PTHR22373	1	1	0	0	0
IPR019088	1.02	0	1.02	0	0
IPR019089	1.5	0	1.56	1	0
PTHR13547	1.14	1.14	0	0	0
PTHR13543	1	1	0	0	0
PTHR13541	1	1	0	0	0
PTHR19241:SF20	2.33	2.33	0	0	0
IPR021680	6.82	3	7.2	0	0
IPR021687	1.12	0	1.12	0	0
IPR018561	1.02	0	1.02	0	0
PTHR23159:SF4	1.17	1.17	0	0	0
PTHR23159:SF5	3.5	3.5	0	0	0
PTHR11941	1.33	1.38	1	0	0
IPR005081	1.02	0	1.02	0	0
IPR011428	3.77	0	3.77	0	0
IPR014617	1	0	1	0	0
IPR013869	1.43	1.43	0	0	0
IPR013862	1	1	0	0	0
PD128250	1	0	1	0	0
IPR003162	1.47	1.47	0	0	0
PF05863	1.14	1.14	0	0	0
PTHR14663	1.15	1.15	0	0	0

IPR016618	1	0	1	1	0
IPR016616	1.56	1.56	0	0	0
IPR016617	1.33	1.33	0	0	0
PF10824	4.23	0	4.23	0	0
PF10828	1.28	0	1.28	0	0
PTHR10514:SF3	1.67	1.67	0	0	0
IPR004248	4	0	4	0	0
IPR018920	1	0	1	0	0
IPR018921	1.05	0	1.05	0	0
IPR018922	1.02	1.17	1	0	0
IPR018924	1	0	1	0	0
IPR018927	1.2	0	1.2	0	0
PD027184	1	0	1	0	0
TIGR01903	1	0	1	1	0
PTHR13024	1.25	1.25	0	0	0
IPR020603	1.97	2	1.98	1	0
IPR008018	1.76	0	1.76	0	0
IPR008015	2.61	2.61	0	0	0
IPR008014	2	2	0	0	0
IPR020530	1	0	1	0	0
IPR020532	1.38	1.38	0	0	0
IPR020533	2.33	2.33	0	0	0
PF05457	4.38	0	0	4.38	0
TIGR03431	1.02	1	1.02	0	0
PTHR23156	2.38	2.38	0	0	0
PD030115	1	0	1	0	0
PTHR15739:SF2	1	1	0	0	0
TIGR02743	1.26	1	1.28	0	0
TIGR02740	1.2	0	1.2	0	0
TIGR02745	1.17	0	1.17	0	0
PTHR21554	1	1	0	0	0
PTHR21555	1	1	0	0	0
PTHR21552	1.44	1.44	0	0	0
IPR008863	1.2	1	1.2	0	0
IPR022240	2	0	2	0	0
PD542693	1	0	1	0	0
IPR003369	1.93	3.11	1.94	1.48	0
IPR006628	4.64	5.29	1	0	0
IPR006623	1.9	1.9	0	0	0
IPR006627	2.2	2.2	0	0	0
PTHR19242:SF96	2	2.62	1	0	0
PTHR12587:SF6	1.33	1.33	0	0	0
IPR021183	1	1	0	0	0
PF06570	1.2	0	1.21	1	0
PF07199	2.88	16	1	1	0
PTHR10183:SF6	1.14	1.14	0	0	0
PD136539	1	0	1	0	0
PD195659	1	0	1	0	0
IPR012575	1.17	1.17	0	0	0
IPR016893	1.82	0	1.82	0	0
IPR012576	1.11	1.11	0	0	0
IPR016896	1.12	0	1.12	0	0
IPR012570	1	0	1	0	0
IPR009708	1.33	0	1.33	0	0
IPR009707	1.02	0	1.02	0	0
IPR009704	1.83	1.83	0	0	0
IPR009702	1.02	0	1.03	1	0
IPR009703	1.23	1.25	1	0	0
IPR009700	1.02	0	1.02	0	0
IPR021238	1.03	0	1.03	0	0
IPR021239	1	0	1	0	0
IPR021234	3.67	1	3.82	0	0
IPR021233	1.08	1	1.09	0	0
IPR002774	4.5	0	0	4.5	0
IPR002770	2.32	0	2.2	2.47	0
IPR002771	1.74	0	1.77	1.44	0
IPR016364	1	0	1	0	0
PTHR23093:SF3	1.17	1.17	0	0	0
IPR003824	1.19	0	1.19	1.16	0

PF05120	1.03	0	1.04	1	0
PTHR23404:SF1	1.46	1.46	0	0	0
IPR014796	1	0	1	0	0
IPR016797	1	0	1	0	0
IPR016791	1	0	1	0	0
IPR016793	2	0	2	0	0
IPR016792	1	0	1	0	0
IPR014860	1.06	0	1.06	0	0
PTHR12363:SF6	1	1	0	0	0
PTHR12363:SF2	1	1	0	0	0
PTHR15431:SF6	1.33	1.33	0	0	0
PTHR15431:SF7	1.67	1.67	0	0	0
IPR016429	1	0	1	0	0
IPR012962	1.36	1.88	1.62	1.09	0
IPR012964	2	0	2	0	0
PTHR21824	1.3	1.3	0	0	0
PTHR21825	1.14	1.14	0	0	0
PTHR17097	1.5	1.5	0	0	0
PD870268	1	1	0	0	0
TIGR01711	1.67	0	1.67	0	0
PTHR23263:SF6	1.25	1.25	0	0	0
TIGR00397	1	0	1	0	0
PTHR13167:SF2	1.14	1.14	0	0	0
PD396291	1.25	1.25	0	0	0
PTHR22107	1.25	1.25	0	0	0
IPR021438	1	0	1	0	0
IPR021439	1.3	0	1.3	0	0
IPR021436	1.36	0	1.36	0	0
IPR021432	1.11	0	1.11	0	0
IPR021431	1	0	1	0	0
PTHR22810	1	1	0	0	0
PTHR13252	1	1	0	0	0
PTHR11203:SF4	1.02	0	1.02	1	0
IPR007852	1.26	1.26	0	0	0
IPR009988	1.17	1	1.18	0	0
IPR009989	1.14	0	1.14	0	0
IPR009983	1.02	0	1.02	0	0
IPR009986	1.04	0	1.04	0	0
IPR009987	1.24	0	1.24	0	0
IPR006452	1.15	1	1.15	1.25	0
IPR007587	1.98	1.98	0	0	0
IPR010815	1.02	0	1.02	0	0
IPR010813	1	0	1	0	0
PF07018	1	0	1	0	0
IPR003666	1.07	1.33	1	0	0
IPR003664	1.06	0	1.06	0	0
PF06948	1	0	1	1	0
PD038378	1.27	0	1.27	0	0
IPR021379	1.29	0	1.3	1	0
IPR021378	1.16	0	1.16	0	0
IPR021377	1.06	0	1.06	1	0
IPR021376	1	0	1	0	0
PTHR12375:SF1	1	1	0	0	0
IPR015017	1.11	0	1.11	0	0
IPR005369	1	0	0	1	0
IPR016919	1	0	1	0	0
IPR005363	1.03	0	1.03	0	0
IPR005365	1.29	1.29	0	0	0
IPR005366	1.49	1.49	0	0	0
IPR004947	1.53	1.61	1	0	0
IPR004944	1.91	1.91	0	0	0
IPR005096	3.25	0	3.25	0	0
IPR005095	1.11	0	1.11	0	0
IPR007473	1.01	1	1.01	1	0
PTHR13478	1.42	1.42	0	0	0
IPR010179	1.1	0	1.11	1	0
IPR008485	1.28	1.28	0	0	0
PTHR10410:SF3	1	1	0	0	0
PTHR15221	1.67	1.67	0	0	0

PTHR15223	1.12	1.12	0	0	0
IPRO21253	1.06	1	1.07	0	0
PTHR12791	1.12	1.12	0	0	0
PTHR12242	5.44	5.44	0	0	0
PF03346	1	0	1	0	0
PTHR22572:SF8	1.09	1.09	0	0	0
PTHR20926	1.13	1.13	0	0	0
PTHR20927	1	1	0	0	0
PTHR11210:SF2	1.41	1.41	0	0	0
IPRO03815	1.03	0	1.03	0	0
IPRO20157	1	0	1	0	0
IPRO20155	1.03	0	1.03	0	0
IPRO20158	1.05	0	1.05	0	0
IPRO01429	11	11	0	0	0
IPRO19004	1.03	1	1.03	0	0
TIGR03583	1	0	1	0	0
TIGR03580	1	0	1	0	0
IPRO21603	1	0	0	1	0
IPRO21607	1.06	1	1.06	0	0
PF09889	1	0	1	1	0
TIGR03058	2.29	0	2.29	0	0
IPRO18757	1	0	1	0	0
IPRO18753	1.49	0	1.49	0	0
IPRO15254	1.19	0	1	1.22	0
IPRO02306	1	1	1	0	0
PD705231	1	0	1	0	0
IPRO10379	1.02	0	1.02	0	0
IPRO10375	1.16	0	1.16	0	0
IPRO10374	1.05	0	1.05	0	0
IPRO10377	1.01	0	1.01	0	0
PD910989	1.33	1.33	0	0	0
PTHR15860	1.29	1.29	0	0	0
IPRO01743	1.05	1.22	1	0	0
PTHR14592:SF4	3.17	3.17	0	0	0
IPRO09320	1.95	0	1.95	0	0
IPRO09323	1.05	0	1.05	0	0
IPRO09324	1.32	0	1	1.55	0
IPRO09328	1.03	0	1.03	0	0
IPRO14086	1.19	0	1.19	0	0
IPRO11101	1.27	1	1.27	1	0
IPRO14555	1.18	0	1.18	1	0
IPRO14557	1	0	1	0	0
IPRO14556	1.23	0	1.23	0	0
IPRO14550	1.55	1	1.56	0	0
IPRO14553	1.04	0	1.04	0	0
TIGR01202	1	0	1	0	0
TIGR01201	3.33	0	3.33	0	0
TIGR01206	1.19	0	1.3	1	0
PTHR15075	2.3	2.3	0	0	0
PTHR10279:SF2	1	1	0	0	0
TIGR03116	1	0	1	0	0
TIGR03110	1	0	1	0	0
PTHR21331	1.08	1.08	0	0	0
PTHR21332	1.08	1.08	0	0	0
PTHR21335	1.17	1.17	0	0	0
TIGR02243	1.36	0	1.36	0	0
IPRO12930	1.43	0	1.43	0	0
PTHR19410:SF19	2	2.33	1	0	0
PF09513	1	0	1	0	0
IPRO07171	1	0	1	1	0
IPRO07170	1.17	0	1.17	0	0
PD040045	1	0	1	0	0
IPRO01588	5.5	5.5	0	0	0
IPRO21100	1.23	1.23	0	0	0
PTHR13225	1.3	1.3	0	0	0
IPRO19633	1.01	1	1.01	0	0
IPRO19639	1.4	0	1.4	0	0
IPRO15045	1.35	0	1.35	0	0
IPRO21811	1	0	1	0	0



IPR021813	1	0	1	0	0
PF02967	1.38	0	1.38	0	0
PTHR10285	1.12	1.27	1	0	0
IPR011740	1.18	0	1.18	0	0
PTHR23096	2.33	2.33	0	0	0
PTHR23094	1.5	1.5	0	0	0
IPR006341	1.22	0	1.22	0	0
IPR006340	1.01	0	1.01	0	0
IPR007430	1.68	1	1.68	0	0
IPR007437	1.03	0	1.03	1	0
IPR002217	1.33	0	1.33	0	0
PTHR23098	1.67	1.67	0	0	0
IPR016719	1.33	1.33	0	0	0
IPR016718	1	0	1	0	0
PF04477	1	0	1	1	0
PTHR15020:SF10	1	1	1	0	0
TIGR01827	1	0	0	1	0
PD207074	1.33	0	1.33	0	0
PTHR13143	1.53	1.53	0	0	0
PTHR13146	3	3	0	0	0
IPR004472	1.01	1	1.01	1	0
PF10723	1.16	0	1.16	0	0
PTHR19316:SF1	1.1	1.1	0	0	0
PTHR19316:SF3	1.12	1.12	0	0	0
PTHR23051	1	1	0	0	0
PF05245	1.1	0	1.1	0	0
PTHR14262	2.67	2.67	0	0	0
TIGR01079	1	0	1	0	0
PTHR22720	1.11	1.11	0	0	0
PTHR13824:SF34	1.2	1.2	0	0	0
IPR003744	1.15	1	1.15	1.14	0
IPR019717	1.03	0	1.03	0	0
PF09490	1.12	0	1.13	1	0
IPR010899	1	0	1	0	0
IPR001955	2.77	2.77	0	0	0
IPR000391	2.68	0	2.75	1	0
IPR018846	1	1	1	0	0
IPR016997	1.4	0	1.4	0	0
IPR016994	1	0	1	0	0
IPR012639	1.2	0	1.2	0	0
PTHR13388	1.6	1.6	0	0	0
IPR001040	4.16	4.16	0	0	0
IPR004679	1.19	0	1.19	0	0
PTHR11733:SF2	1	1	0	0	0
IPR004676	1.44	2	1.44	1	0
IPR004671	1.08	0	1.08	0	0
IPR002639	1.13	1.07	1.14	1	0
IPR019469	1	0	1	0	0
IPR018599	1	0	1	0	0
IPR018595	1	0	1	0	0
IPR018596	1	0	0	1	0
IPR018590	1	0	1	0	0
IPR018592	1.18	0	1.1	2	0
PF10872	1	0	1	0	0
IPR010462	1.11	0	1.11	1	0
PD352676	1	1	0	0	0
PTHR10121	1.4	1.4	0	0	0
IPR018330	1.39	0	1.39	0	0
IPR010288	1.3	0	1.3	0	0
IPR010286	1.11	1.3	1.02	1	0
PTHR21558:SF1	2.14	2.14	0	0	0
PTHR12714	1.09	1	1.1	0	0
IPR016508	1	0	1	0	0
IPR016504	1.11	0	1.11	0	0
IPR016505	1	0	1	0	0
IPR016501	1	0	1	0	0
IPR016502	1.04	0	1.04	0	0
IPR016503	1	0	1	0	0
PF10913	1	0	1	0	0

PF10915	1	0	1	0	0
IPR010391	2.64	0	2.64	0	0
TIGR01618	1	0	1	0	0
PD047280	1.33	0	1.33	0	0
TIGR00053	1	0	1	0	0
IPR020229	1	0	1	0	0
IPR020222	1	0	1	0	0
IPR020223	1	0	1	0	0
TIGR03506	1	1	1	0	0
TIGR03503	1	0	1	0	0
PD191447	1	0	1	0	0
IPR010295	1.07	0	1.07	0	0
PTHR10796:SF35	1.67	1.67	0	0	0
PD054142	2	0	2	0	0
PF09800	1.57	1.57	0	0	0
IPR009638	2	2.05	1	0	0
TIGR02366	1	0	1	0	0
IPR010390	2.43	0	2.43	0	0
PTHR14695:SF4	1.19	1.19	0	0	0
PD471389	1.67	1.67	0	0	0
TIGR03281	1	0	0	1	0
IPR014587	1	0	1	0	0
MF_01362	1	0	1	0	0
MF_01360	1	0	1	0	0
PF07211	1	0	1	0	0
IPR007047	1.95	2	1.95	0	0
IPR003746	1.1	1.43	1.07	1	0
IPR007041	1.4	0	1.4	0	0
IPR007040	1.06	0	1.06	0	0
MF_00546	1	0	1	0	0
IPR021521	1.09	0	1.09	0	0
IPR021522	1	0	1	0	0
IPR021525	1.38	0	1.38	0	0
IPR021529	1.13	0	1.13	1.25	0
IPR011186	1.33	1.33	0	0	0
IPR009634	1.35	0	1.35	0	0
IPR015757	7	7	0	0	0
PD104362	1.11	0	1.11	0	0
PTHR13643	1.64	1.64	0	0	0
PTHR13649	1.08	1.08	0	0	0