

Table SMO. Descriptors of genome-wide features for exonic sequences, as estimated by the GenomeContent program, from 461 gene annotations and genome sequences

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Genome-wide features of introns are evolutionary decoupled among themselves and from genome size throughout Eukarya.

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		EXONIC SEQUENCES FROM PROTEIN-CODING GENES																	
ORDER _ALL	SPECIES_NAME	ABBREV _NAME	KINGDOM	EXON_ NUMBER	Avg_size_ nts	Weight- Avg_size_ nts	Size_Q_1 _nts	Size_Q_2 _median_ nts	Size_Q_3 _nts	Size_Q_up_ nts	Size_lower_fe_ nce_nts	Size_upper_fen_ ce_nts	Exon_content_ nts	Exon_content_ mbs	Repeats_exon_ nts	Repeats_exon_ mbs	Non- repetitive_ content_ nts	Non- repetitive_ content_ mbs	
1	<i>Thecamonas trahens</i>	tht	Protist	19017	1087.57	1178.83	31	173	757	1470	3431	-1772.5	3415.5	20536306	20.54	1161262	1.16	19375044	19.38
2	<i>Sphaeroforma arctica</i>	sar	Protist	63930	255.94	375.33	57	106	155	236	825	-89	431	16256540	16.26	827782	0.83	15428758	15.43
3	<i>Capsaspora owczarzaki</i>	cow	Protist	42066	399.59	640.91	51	87	158	357	1609	-318	762	16359458	16.36	1726189	1.73	14633269	14.63
4	<i>Salpingoeca rosetta</i>	sro	Protist	97360	238.41	423.51	45	76	110	180	869	-80	336	23179582	23.18	3490676	3.49	19688906	19.69
5	<i>Monosiga brevicollis</i>	mbr	Protist	68886	240.01	381.59	48	81	121	210	826	-112.5	403.5	16532629	16.53	1152038	1.15	15380591	15.38
6	<i>Mnemiopsis leidyi</i>	mle	Metazoa	88058	252.16	498.45	58	103	140	200	947	-42.5	345.5	22197302	22.2	1236495	1.24	20960807	20.96
7	<i>Amphimedon queenslandica</i>	aqu	Metazoa	164012	214.56	411.42	38	78	121	198	725	-102	378	34290188	34.29	11937734	11.94	22352454	22.35
8	<i>Trichoplax adhaerens</i>	tad	Metazoa	96436	162.67	315.29	41	72	103	155	437	-52.5	279.5	15687036	15.69	444900	0.44	15242136	15.24
9	<i>Acropora digitifera</i>	adi	Metazoa	139580	231.55	378.41	38	75	119	218	867	-139.5	432.5	31559875	31.56	7919952	7.92	23639923	23.64
10	<i>Nematostella vectensis</i>	nve	Metazoa	141200	191.57	329.52	43	78	120	202	606	-108	388	27029908	27.03	3430382	3.43	23599526	23.6
11	<i>Hydra magnipapillata</i>	hma	Metazoa	125695	250.74	393.18	42	88	146	268	821	-182	538	30700906	30.7	10975515	10.98	19725391	19.73
12	<i>Thelohanellus kitaeui</i>	tki	Metazoa	46165	233.97	364.84	44	88	142	247	681	-150.5	485.5	10801316	10.8	3139660	3.14	7661656	7.66
13	<i>Adineta vaga</i>	ava	Metazoa	251476	226.27	320.77	43	90	143	248	690	-147	485	56902670	56.9	8981428	8.98	47921242	47.92
14	<i>Clonorchis sinensis</i>	cls	Metazoa	93445	232.27	326.21	54	108	164	261	590	-121.5	490.5	21701281	21.7	3287280	3.29	18414001	18.41
15	<i>Schistosoma mansoni</i>	sma	Metazoa	63400	222.5	252.89	46	93	156	262	596	-160.5	515.5	12991086	12.99	691879	0.69	12299207	12.3
16	<i>Helobdella robusta</i>	hro	Metazoa	138734	190.31	278.97	47	88	127	191	519	-66.5	345.5	26395380	26.4	4567324	4.57	21828056	21.83
17	<i>Capitella teleta</i>	cte	Metazoa	170399	202.81	323.69	47	92	136	207	616	-80.5	379.5	34555456	34.56	6061158	6.06	28494298	28.49
18	<i>Octopus bimaculoides</i>	oct	Metazoa	197104	200.66	335.64	46	91	132	192	528	-60.5	343.5	29163200	29.16	4807071	4.81	24356129	24.36
19	<i>Pinctada fucata</i>	pfu	Metazoa	210401	213.73	343.53	42	90	134	201	693	-76.5	367.5	44818310	44.82	11861403	11.86	32956907	32.96
20	<i>Crassostrea gigas</i>	cgi	Metazoa	185202	188.95	305.37	44	89	130	187	512	-58	334	34994057	34.99	3358120	3.36	31635937	31.64
21	<i>Biomphalaria glabrata</i>	bgl	Metazoa	86439	173.11	261.64	31	81	125	181	444	-69	331	14757250	14.76	1536773	1.54	13220477	13.22
22	<i>Lottia gigantea</i>	lgi	Metazoa	139850	193.67	333.93	48	90	132	190	578	-60	340	27073112	27.07	3007301	3.01	24065811	24.07
23	<i>Trichinella spiralis</i>	tsp	Metazoa	83400	180.79	232.55	38	85	130	198	471	-84.5	367.5	15075610	15.08	2616743	2.62	12458867	12.46
24	<i>Pristionchus pacificus</i>	ppr	Metazoa	256890	98.15	104.09	37	66	87	114	172	-6	186	25183623	25.18	2070065	2.07	23113558	23.11
25	<i>Caenorhabditis elegans</i>	cel	Metazoa	129978	201.78	209.42	53	98	145	233	524	-104.5	435.5	25041302	25.4	1001447	1	24399855	24.4
26	<i>Strongyloides ratti</i>	srt	Metazoa	33257	185.75	261.54	36	86	133	200	483	-85	371	21519048	21.52	833632	0.83	16675768	16.68
27	<i>Ascaris suum</i>	asu	Metazoa	118625	153.65	167.11	59	102	138	182	272	-18	302	18213486	18.21	152385	0.15	18061101	18.06
28	<i>Loa loa</i>	loa	Metazoa	96147	150.86	167.94	57	101	137	180	267	-17.5	298.5	14504372	14.5	535839	0.54	13968533	13.97
29	<i>Brugia malayi</i>	bma	Metazoa	99464	145.17	152.43	47	96	132	175	256	-22.5	293.5	13874330	13.87	651404	0.65	13222926	13.22
30	<i>Ixodes scapularis</i>	isc	Metazoa	86843	201.33	306.65	46	96	145	216	528	-84	396	17483725	17.48	423455	0.42	17606270	17.06
31	<i>Metaseiulus occidentalis</i>	mcc	Metazoa	63359	262.46	406.74	55	118	171	250	848	-80	448	16566296	16.57	1212295	1.21	15354001	15.35
32	<i>Tetranychus urticae</i>	tur	Metazoa	59981	326.38	406.07	30	87	162	365	1162	-330	782	19561108	19.56	2789947	2.79	16771161	16.77
33	<i>Stegodyphus mimosarum</i>	smm	Metazoa	115465	200.71	307.27	42	85	127	189	692	-71	345	23174711	23.17	4077937	4.08	19096774	19.1
34	<i>Sarcopeltis scabiei</i>	sas	Metazoa	30805	388.95	447.75	37	114	219	465	1278	-412.5	991.5	11936397	11.94	215935	0.22	11720462	11.72
35	<i>Strigamia maritima</i>	stm	Metazoa	116292	185.75	261.54	36	86	133	200	483	-85	371	21519048	21.52	1941518	1.94	19577530	19.58
36	<i>Lingula anatina</i>	lgn	Metazoa	256529	189.38	297.58	46	90	130	186	526	-54	330	48580652	48.58	2039060	2.04	46541592	46.54
37	<i>Daphnia pulex</i>	dpp	Metazoa	138931	216.81	288.11	35	95	150	235	618	-115	445	30112947	30.11	7064540	7.06	23048407	23.05
38	<i>Acyrthosiphon pisum</i>	api	Metazoa	75067	213.36	316.42	56	115	161	220	512	-42.5	377.5	15982879	15.98	1211109	1.21	14771770	14.77
39	<i>Nilaparvata lugens</i>	nilu	Metazoa	119605	276.24	380.49	44	113	170	261	906	-109	483	32873401	32.87	6008256	6.01	26865145	26.87
40	<i>Diaphorina citri</i>	dic	Metazoa	100260	222.77	320.65	37	104	160	227	620	-80.5	411.5	22095335	22.1	2480903	2.48	19614432	19.61
41	<i>Rhodnius prolixus</i>	rpr	Metazoa	87173	187.23	263.01	40	105	150	203	399	-42	350	16300082	16.3	1157709	1.16	15142373	15.14
42	<i>Pediculus humanus</i>	phu	Metazoa	68065	244.35	303.83	47	127	180	249	600	-56	432	16631427	16.63	424316	0.42	16207111	16.21
43	<i>Locusta migratoria</i>	loc	Metazoa	100358	201.83	264.33	61	118	161	215	408	-27.5	360.5	20221059	20.22	1991918	1.99	18229141	18.23
44	<i>Zootermopsis nevadensis</i>	zoo	Metazoa	85351	213.26	296.11	58	117	161	217	478	-33	367	18126506	18.13	835552	0.84	17290954	17.29
45	<i>Nasonia vitripennis</i>	nvi	Metazoa	71087	254.14	309.99	52	121	185	285	623	-125	531	17836088	17.84	353392	0.35	17482696	17.48
46	<i>Ceratosolen solmsi</i>	cso	Metazoa	68072	247.79	300.02	51	124	187	283	589	-114.5	521.5	16577404	16.58	395328	0.4	16182076	16.18
47	<i>Athalia rosae</i>	aro	Metazoa	78476	261.91	336.44	53	122	180	267	689	-95.5	484.5	19753049	19.75	219161	0.22	19533888	19.53
48	<i>Micropeltis demolitor</i>	mde	Metazoa	65605	323.78	427.76	48	118	186	300	1059	-155	573	20476714	20.48	1368226	1.37	19108488	19.11
49	<i>Fopius arisanus</i>	foa	Metazoa	58561	335.94	453.43	45	113	179	294	1196	-158.5	565.5	18675082	18.68	421272	0.42	18253810	18.25
50	<i>Harpagnathos saltator</i>	hsl	Metazoa	78205	260.97	305.71	58	124	185	277	654	-105.5	506.5	20338840	20.34	2631530	2.63	17707310	17.71
51	<i>Camponotus floridanus</i>	cfl	Metazoa	82707	250.75	299.36	54	120	180										

		Genome-wide features EXONS																			
53	<i>Bombus terrestris</i>	bte	Metazoa	58786	247.2	292.65	52	120	178	262	612	-93	475	14396634	14.4	254715	0.25	14141919	14.14		
54	<i>Apis mellifera</i>	ame	Metazoa	61988	242.65	278.44	49	117	176	262	607	-100.5	479.5	14898823	14.9	288574	0.29	14610249	14.61		
55	<i>Cerapachys biroi</i>	ceb	Metazoa	82981	259.12	333.88	51	118	178	270	679	-110	498	20350568	20.35	1199539	1.2	19151029	19.15		
56	<i>Linepithema humile</i>	ihu	Metazoa	78185	250.16	305.26	42	117	180	271	639	-114	502	19287003	19.29	727022	0.73	18559981	18.56		
57	<i>Pogonomyrmex barbatus</i>	pba	Metazoa	78257	241.87	289.91	38	113	176	265	598	-115	493	18608451	18.61	555793	0.56	18052658	18.05		
58	<i>Solenopsis invicta</i>	sin	Metazoa	66764	258.31	316.24	48	118	183	276	654	-119	513	17244381	17.24	1248599	1.25	15995782	16		
59	<i>Wasmannia auropunctata</i>	wau	Metazoa	85439	260.07	331.24	50	118	179	270	678	-110	498	21256775	21.26	1385464	1.39	19871311	19.87		
60	<i>Acromyrmex echinatior</i>	aec	Metazoa	84349	248.77	297	56	121	181	273	582	-107	501	20933626	20.93	1672794	1.67	19260832	19.26		
61	<i>Atta cephalotes</i>	ace	Metazoa	80758	237.08	278.31	34	108	171	258	582	-117	483	18800821	18.8	426624	0.43	18374197	18.37		
62	<i>Vollenhovia emeryi</i>	vem	Metazoa	88657	282.38	432.94	51	120	182	281	845	-121.5	522.5	23955910	23.96	3547470	3.55	20408440	20.41		
63	<i>Tribolium castaneum</i>	tct	Metazoa	70882	314.8	388.12	54	128	198	339	960	-188.5	655.5	22258941	22.26	1639107	1.64	20619834	20.62		
64	<i>Dendroctonus ponderosae</i>	dpn	Metazoa	76547	216.6	257.58	52	126	176	238	485	-42	406	16488555	16.49	1076791	1.08	15411764	15.41		
65	<i>Plutellaxystoella</i>	pxy	Metazoa	115257	217.07	361.36	57	111	150	203	600	-27	341	25018305	25.02	2326578	2.33	22691727	22.69		
66	<i>Bombyx mori</i>	bmo	Metazoa	78441	227.95	321.5	60	117	159	215	634	-30	362	17880291	17.88	782657	0.78	17097634	17.1		
67	<i>Manduca sexta</i>	msx	Metazoa	204437	213.99	324.19	57	113	153	204	519	-23.5	340.5	21343178	21.34	843402	0.84	20499776	20.5		
68	<i>Operophtera brumata</i>	opb	Metazoa	78538	231.25	332.09	48	103	147	210	755	-57.5	370.5	18153306	18.15	1281555	1.28	16871751	16.87		
69	<i>Chilo suppressalis</i>	chu	Metazoa	36343	249.47	331.28	54	117	163	225	792	-45	387	9057574	9.06	167997	0.17	8889577	8.89		
70	<i>Papilio glaucus</i>	pgl	Metazoa	90172	211.51	297.66	52	110	151	203	551	-29.5	342.5	19070931	19.07	331742	0.33	18739189	18.74		
71	<i>Papilio polytes</i>	ppo	Metazoa	89730	211.84	328.17	51	108	150	202	555	-33	343	18617326	18.62	465829	0.47	18151497	18.15		
72	<i>Lerema accius</i>	lac	Metazoa	100771	207.91	246.61	45	107	150	203	534	-37	347	20951303	20.95	404322	0.4	20546981	20.55		
73	<i>Phoebea sennae</i>	phs	Metazoa	95743	216.31	316.71	53	111	153	205	587	-30	346	20709884	20.71	590800	0.59	20119084	20.12		
74	<i>Calycopis cecrops</i>	cce	Metazoa	100459	204.31	245.79	51	108	150	201	505	-31.5	340.5	20524995	20.52	1284541	1.28	19240454	19.24		
75	<i>Danaus plexippus</i>	dpl	Metazoa	95112	211.39	291.1	54	110	151	204	548	-31	345	20096862	20.1	1221277	1.22	18875585	18.88		
76	<i>Heliconius melpomene</i>	hme	Metazoa	81987	211.79	303.79	41	103	147	202	584	-45.5	350.5	17269000	17.27	424453	0.42	16844547	16.84		
77	<i>Melitaea cinxia</i>	mcx	Metazoa	89818	175.77	210.38	22	69	124	186	495	-106.5	361.5	15568899	15.57	178844	0.18	15390055	15.39		
78	<i>Phlebotomus papatasii</i>	ppt	Metazoa	32546	379.97	435.68	34	122	217	463	1223	-389.5	974.5	12311712	12.31	230718	0.23	12080994	12.08		
79	<i>Lutzomyia longipalpis</i>	llo	Metazoa	43206	352.47	395.37	40	120	205	416	1140	-324	860	15162358	15.16	601994	0.6	14560364	14.56		
80	<i>Drosophila melanogaster</i>	dme	Metazoa	60919	405.3	508.77	49	128	217	474	1330	-391	993	22797342	22.8	765186	0.77	22032156	22.03		
81	<i>Anopheles gambiae</i>	aga	Metazoa	49683	361.4	420.01	56	129	208	410	1161	-292.5	831.5	17810265	17.81	900350	0.9	16909915	16.91		
82	<i>Anopheles darlingi</i>	ada	Metazoa	47374	374.76	476.53	45	110	186	411	1326	-341.5	862.5	17753905	17.75	668737	0.67	17085168	17.09		
83	<i>Aedes aegypti</i>	aae	Metazoa	42035	367.31	438.04	45	124	206	422	1201	-323	869	15247949	15.25	467586	0.47	14780363	14.78		
84	<i>Culex pipiens</i>	cpq	Metazoa	68492	361.51	422.72	39	117	201	403	1214	-312	832	24760238	24.76	2186357	2.19	22573881	22.57		
85	<i>Belicula antarctica</i>	ban	Metazoa	52189	358.26	413.27	40	110	194	395	1253	-317.5	822.5	18639117	18.64	247620	0.25	18391497	18.39		
86	<i>Glossina morsitans</i>	gmr	Metazoa	57315	358.36	426.53	43	119	195	389	1188	-286	794	20450160	20.45	632992	0.63	19817168	19.82		
87	<i>Musca domestica</i>	mud	Metazoa	61869	389.72	494.44	53	127	205	424	1284	-318.5	869.5	23381902	23.38	832321	0.83	22549581	22.55		
88	<i>Lucilia cuprina</i>	lcu	Metazoa	63853	352.26	438.96	37	111	187	381	1171	-294	786	22207651	22.21	1066168	1.07	21141483	21.14		
89	<i>Mayetiolatruector</i>	myd	Metazoa	100541	256.98	284.39	23	82	153	273	876	-204.5	559.5	20561286	20.56	1524082	1.52	19037204	19.04		
90	<i>Megaselia scalaris</i>	msc	Metazoa	31664	243.99	262.71	25	85	165	323	765	-272	680	7691133	7.7	521201	0.52	7177932	7.18		
91	<i>Ptychoderabflava</i>	pfl	Metazoa	194622	227.06	363.4	48	97	143	216	729	-81.5	394.5	44189032	44.19	4451245	4.45	39737787	39.74		
92	<i>Saccoglossus kowalevskii</i>	sko	Metazoa	136079	183.19	217.29	43	92	135	195	367	-62.5	349.5	9334983	9.33	673483	0.67	8661500	8.66		
93	<i>Strongylocentrotus purpuratus</i>	spu	Metazoa	184822	221.43	362.58	49	99	142	210	640	-67.5	376.5	37970812	37.97	9516647	9.52	28454165	28.45		
94	<i>Branchiostoma floridae</i>	bfl	Metazoa	199689	199.51	310.16	51	96	136	193	567	-49.5	338.5	39829358	39.83	8601101	8.6	31228257	31.23		
95	<i>Oikopleura dioica</i>	odi	Metazoa	86367	238.6	274.01	46	101	161	252	623	-125.5	478.5	20607473	20.61	1524764	1.52	19082709	19.08		
96	<i>Ciona intestinalis</i>	cin	Metazoa	108144	151.99	204.52	38	90	128	171	297	-31.5	292.5	16060650	16.06	370668	0.37	15689982	15.69		
97	<i>Ciona savignyi</i>	csg	Metazoa	120172	151.32	206.11	41	90	128	171	301	-31.5	292.5	13800577	13.8	760715	0.76	13039862	13.04		
98	<i>Petromyzon marinus</i>	pma	Metazoa	92525	140.33	177.13	30	78	117	164	289	-51	293	12501624	12.5	938284	0.94	11563340	11.56		
99	<i>Danio rerio</i>	dre	Metazoa	264277	175.23	266.82	39	84	124	175	466	-52.5	311.5	42442119	42.44	9249550	9.25	33192569	33.19		
100	<i>Astyanax mexicanus</i>	amx	Metazoa	218325	180.07	277.51	44	87	126	177	458	-48	312	38514003	38.51	1798555	1.8	36715448	36.72		
101	<i>Esox lucius</i>	elu	Metazoa	250574	175.19	258.18	44	88	126	177	421	-45.5	310.5	42449131	42.45	2204263	2.2	40244868	40.24		
102	<i>Gadus morhua</i>	gmo	Metazoa	232308	129.44	163.67	24	71	110	155	270	-55	281	29189411	29.19	1449371	1.45	27740040	27.74		
103	<i>Tetraodon nigroviridis</i>	tnt	Metazoa	215613	145.79	188.14	36	81	119	166	312	-46.5	293.5	30005215	30.01	1020452	1.02	28984763	28.98		
104	<i>Takifugubflibres</i>	tru	Metazoa	311940	154.58	193.45	30	77	120	173	381	-67	317	33813479	33.81	1309883	1.31	32503596	32.5		
105	<i>Gasterosteus aculeatus</i>	gac	Metazoa	229638	150.48	205.65	36	81	120	168	335	-49.5	298.5	32565206	32.57	1753129	1.75	30812077	30.81		
106	<i>Cynoglossus semilaevis</i>	cys	Metazoa	229435	169.59	254.64	45	87	125	173	397	-42	302	38168448	38.17	1036728	1.04	37131720	37.13		
107	<i>Larimichthys crocea</i>	lcr	Metazoa	234831	167.6	245.98	45	87	125	173	382	-42	302	38904768	38.9	1363286	1.36	37541482	37.54		
108	<i>Oryzias latipes</i>	ola</																			

		Genome-wide features EXONS																		
123	<i>Python molurus</i>	pmo	Metazoa	179232	172.03	266.11	46	89	126	173	410	-37	299	30403328	30.4	1364024	1.36	29039304	29.04	
124	<i>Ophiophagus hannah</i>	oha	Metazoa	138819	166.7	226.5	40	85	124	174	389	-48.5	307.5	23082278	23.08	1332383	1.33	21749995	21.75	
125	<i>Chelonia mydas</i>	cmy	Metazoa	158398	180.39	281.91	51	94	131	180	451	-35	309	28572285	28.57	2909625	2.91	25662660	25.66	
126	<i>Pelodiscus sinensis</i>	psi	Metazoa	170488	171.9	310.16	39	85	124	173	425	-47	305	28309294	28.31	2932032	2.93	25377262	25.38	
127	<i>Chrysemys picta</i>	chp	Metazoa	210176	174.77	290.08	43	87	125	174	432	-43.5	304.5	35446113	35.45	3505887	3.51	31940226	31.94	
128	<i>Alligator mississippiensis</i>	ami	Metazoa	180100	169.99	266.44	47	89	126	172	384	-35.5	296.5	30381215	30.38	1283363	1.28	29097852	29.1	
129	<i>Crocodylus porosus</i>	crc	Metazoa	129079	176.44	254.88	43	88	126	175	458	-42.5	305.5	22665452	22.67	2735204	2.74	19930248	19.93	
130	<i>Gavialis gangeticus</i>	gag	Metazoa	117935	180.03	268.96	42	88	127	177	500	-45.5	310.5	21168658	21.17	2578377	2.58	18590281	18.59	
131	<i>Struthio camelus</i>	scl	Metazoa	160652	163.78	238.1	44	87	123	169	344	-36	292	25718650	25.72	377287	0.38	25341363	25.34	
132	<i>Tinamus guttatus</i>	tgt	Metazoa	151935	162.72	231.79	46	89	125	170	333	-32.5	291.5	24553908	24.55	374251	0.37	24179657	24.18	
133	<i>Anas platyrhynchos</i>	api	Metazoa	183741	155.6	206.07	42	86	123	171	323	-41.5	298.5	28546801	28.55	498678	0.5	28048123	28.05	
134	<i>Meleagris gallopavo</i>	mga	Metazoa	157549	149.81	203.81	34	80	119	165	315	-47.5	292.5	22733247	22.73	330755	0.33	22402492	22.4	
135	<i>Gallus gallus</i>	gga	Metazoa	162266	160.5	233.41	43	87	123	169	342	-36	292	25867573	25.87	966463	0.97	24901110	24.9	
136	<i>Columba livia</i>	cli	Metazoa	159440	162.76	234.8	45	87	124	170	346	-37.5	294.5	25614397	25.61	592645	0.59	25021752	25.02	
137	<i>Cuculus canorus</i>	cuc	Metazoa	160246	162.63	234.41	46	88	124	170	342	-35	293	25819530	25.82	427827	0.43	25391703	25.39	
138	<i>Calyptis anna</i>	ann	Metazoa	156632	162.3	232.53	46	88	124	170	338	-35	293	25207251	25.21	476984	0.48	24730267	24.73	
139	<i>Chaetura pelasgica</i>	cpl	Metazoa	154307	161.52	230.83	45	88	124	169	334	-33.5	290.5	24696366	24.7	412560	0.41	24283806	24.28	
140	<i>Opisthomus hoazin</i>	oho	Metazoa	145951	162.36	234.09	46	88	124	170	336	-35	293	23525509	23.53	437904	0.44	23087605	23.09	
141	<i>Charadrius vociferus</i>	cvo	Metazoa	157629	162.94	235.32	46	88	124	170	340	-35	293	25454404	25.45	390352	0.39	25064052	25.06	
142	<i>Nipponia nippon</i>	nni	Metazoa	163693	163.67	235.9	46	88	125	170	348	-35	293	26552271	26.55	372426	0.37	26179845	26.18	
143	<i>Egretta garzetta</i>	ega	Metazoa	154371	162.33	233.05	46	88	124	170	338	-35	293	24804199	24.84	399428	0.4	24440771	24.44	
144	<i>Aptenodytes forsteri</i>	afo	Metazoa	160929	164.73	238.99	46	88	125	170	350	-35	293	26192181	26.19	409403	0.41	25782778	25.78	
145	<i>Pygoscelis adeliae</i>	pya	Metazoa	151072	163.25	234.41	45	88	124	170	338	-35	293	24416747	24.42	388139	0.39	24028608	24.03	
146	<i>Falco cherrug</i>	fch	Metazoa	142151	172.57	257.02	54	94	129	175	381	-27.5	296.5	24522428	24.52	398878	0.4	24123550	24.12	
147	<i>Melopeltis undulatus</i>	mun	Metazoa	132671	162.61	233.64	53	92	127	172	341	-28	292	21515656	21.52	778254	0.78	20737402	20.74	
148	<i>Manacus vitellinus</i>	mvi	Metazoa	151348	160.89	228.81	45	87	124	169	330	-36	292	24157466	24.16	455266	0.46	23702200	23.7	
149	<i>Corvus brachyrhynchos</i>	cob	Metazoa	158726	160.39	226.19	45	87	123	168	330	-34.5	295.5	25206039	25.21	502369	0.5	24703670	24.7	
150	<i>Taeniopygia guttata</i>	tgu	Metazoa	150541	152.47	211.92	40	84	121	167	326	-40.5	291.5	22644385	22.64	1052174	1.05	21592211	21.59	
151	<i>Serinus canaria</i>	sca	Metazoa	158102	163.8	238.86	46	88	125	170	350	-35	293	25568260	25.57	808835	0.81	24759425	24.76	
152	<i>Zonotrichia albicollis</i>	zal	Metazoa	150111	163.91	242.46	45	87	124	170	348	-37.5	294.5	24201955	24.2	508770	0.51	23693185	23.69	
153	<i>Ficedula albicollis</i>	fil	Metazoa	170398	167.49	239.04	45	88	125	173	382	-39.5	300.5	27562518	27.56	899906	0.9	26662612	26.66	
154	<i>Pseudopoces humilis</i>	phm	Metazoa	149277	159.59	221.07	49	89	125	170	335	-32.5	291.5	2370922	23.77	720427	0.72	23050495	23.05	
155	<i>Geospiza fortis</i>	gfo	Metazoa	154330	160.59	227.94	45	87	123	168	328	-34.5	295.5	24603794	24.6	552234	0.55	24051560	24.05	
156	<i>Picoides pubescens</i>	ppu	Metazoa	152856	161.85	231.32	45	88	124	169	335	-33.5	290.5	24531388	24.53	540259	0.54	23991129	23.99	
157	<i>Haliaeetus leucocephalus</i>	hle	Metazoa	170942	165.64	243.55	46	88	125	171	357	-36.5	295.5	27655069	27.66	451814	0.45	27203255	27.2	
158	<i>Aquila chrysaetos</i>	aqc	Metazoa	176472	166.77	247.73	45	87	124	171	365	-39	297	28412434	28.41	606227	0.61	27806207	27.81	
159	<i>Ornithodorus anatinus</i>	oan	Metazoa	167239	153.66	200.52	31	78	119	169	357	-58.5	305.5	24911022	24.91	738923	0.74	24172099	24.17	
160	<i>Macropus eugenii</i>	meu	Metazoa	186884	135.95	188.35	24	70	110	157	298	-60.5	287.5	25397048	25.4	542754	0.54	24854294	24.85	
161	<i>Sarcophilus harrisii</i>	sha	Metazoa	182543	167.84	279.42	34	82	122	171	425	-51.5	304.5	29181780	29.18	1820455	1.82	27361325	27.36	
162	<i>Monodelphis domestica</i>	mdm	Metazoa	188200	182.45	339.72	45	88	126	176	520	-44	308	33894597	33.89	4270947	4.27	29623650	29.62	
163	<i>Loxodontia africana</i>	laf	Metazoa	205439	165.43	287.1	34	81	120	171	431	-54	306	31318637	31.32	2974937	2.97	28343430	28.34	
164	<i>Myotis lucifugus</i>	mlu	Metazoa	185270	166.63	272.1	38	83	122	171	399	-49	303	30442403	30.44	2539211	2.54	27903192	27.9	
165	<i>Pteropus alecto</i>	pal	Metazoa	175964	178.03	281.72	53	93	130	179	430	-36	308	31264427	31.26	854393	0.85	30410034	30.41	
166	<i>Equus caballus</i>	eca	Metazoa	191097	168.38	293.74	38	84	123	171	429	-46.5	301.5	31437283	31.44	3680296	3.68	27756987	27.76	
167	<i>Camelus ferus</i>	cfe	Metazoa	186141	166.11	258.42	46	87	124	171	369	-39	297	30480811	30.48	1028964	1.03	29451847	29.45	
168	<i>Sus scrofa</i>	ssc	Metazoa	185872	164.98	266.88	34	81	120	169	411	-51	301	29763070	29.76	2102778	2.1	27660292	27.66	
169	<i>Bos taurus</i>	bta	Metazoa	194098	169.47	285.37	39	84	123	172	419	-48	304	32251357	32.25	2555939	2.56	29695418	29.7	
170	<i>Ovis aries</i>	oar	Metazoa	165261	165.42	255.08	49	88	125	173	376	-39.5	300.5	27314398	27.31	1790895	1.79	25523503	25.52	
171	<i>Capra hircus</i>	chi	Metazoa	181707	168.97	263.81	50	90	126	175	391	-37.5	302.5	30670526	30.67	1882949	1.88	28787577	28.79	
172	<i>Balaenoptera acutorostrata</i>	bac	Metazoa	168547	177.56	289.02	50	91	128	178	443	-39.5	308.5	29899576	29.9	1067066	1.07	28832510	28.83	
173	<i>Lipotes vexillifer</i>	lve	Metazoa	189391	173.81	295.04	46	87	125	173	428	-42	302	32174637	32.17	847849	0.85	31326788	31.33	
174	<i>Orcinus orca</i>	oor	Metazoa	189955	172.88	277.23	46	88	125	173	412	-39.5	300.5	31921866	31.92	841703	0.84	31080183	31.08	
175	<i>Canis familiaris</i>	cfa	Metazoa	200068	174.5	294.75	42	86	124	174	443	-46	306	32927217	32.93	1700525	1.7	31226692	31.23	
176	<i>Alluropoda melanoleuca</i>	aml	Metazoa	194019	164.1	250.66	41	84	123	170	378	-45	299	31066375	31.17	1383232	1.38	29683143	29.68	
177	<i>Panthera tigris</i>	ptg	Metazoa	187936	166.42	262.7	44	86	124	171	372	-41.5	298.5	30735221	30.74	1383479	1.38	29351742	29.35	
178	<i>Felis catus</i>																			

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193	<i>Chondrus crispus</i>	ccr	Protist	12455	816.86	924.5	67	210	504	1137	2490	-1180.5	2527.5	10164469	10.16	1870105	1.87	8294364	8.29
194	<i>Galdieria sulphuraria</i>	gsu	Protist	22300	405.56	608.08	49	113	203	483	1428	-442	1038	8393725	8.39	590506	0.59	7803219	7.8
195	<i>Cyanidioschyzon merolae</i>	cme	Protist	4783	1542.46	1547.77	381	813	1263	1920	3513	-847.5	3580.5	7334127	7.33	218574	0.22	7115553	7.12
196	<i>Micromonas pusilla</i>	mpu	Viridiplantae	20264	711.32	858.7	62	204	459	918	2133	-867	1989	14390178	14.39	1600384	1.6	12789794	12.79
197	<i>Micromonas spRCC299</i>	mic	Viridiplantae	15410	956.14	1138.28	54	221	660	1260	2855	-1337.5	2818.5	14628943	14.63	727597	0.73	13901346	13.9
198	<i>Bathycoccus prasinos</i>	bpr	Viridiplantae	9196	1339.93	1465.62	79	525	1068	1737	3387	-1293	3555	12322018	12.32	781142	0.78	11540876	11.54
199	<i>Ostreococcus sp</i>	osp	Viridiplantae	10207	936.36	1027.42	59	310	724	1254	2566	-1106	2670	9555562	9.56	438550	0.44	9117012	9.12
200	<i>Chlamydomonas reinhardtii</i>	cre	Viridiplantae	166720	258.95	340.25	44	86	133	227	899	-125.5	438.5	39145689	39.15	6841238	6.84	32304451	32.3
201	<i>Volvox carteri</i>	vcn	Viridiplantae	108220	222.02	263.89	46	93	144	231	649	-114	438	23732593	23.73	2519167	2.52	21213426	21.21
202	<i>Chlorella variabilis</i>	cva	Viridiplantae	80096	167.03	184.74	46	83	120	181	462	-64	328	13377135	13.38	1283646	1.28	12093489	12.09
203	<i>Helicosporidium sp</i>	hel	Viridiplantae	13305	372.33	488.59	39	99	195	507	1230	-513	1119	4953793	4.95	237704	0.24	4716089	4.72
204	<i>Coccomyxa subellipsoidea</i>	csu	Viridiplantae	76955	160.37	170.19	53	102	144	192	283	-33	327	12337578	12.34	494570	0.49	11843008	11.84
205	<i>Astrochloris sp</i>	asp	Viridiplantae	65950	151.43	169.37	49	94	135	183	281	-39.5	316.5	9986015	9.99	241347	0.24	9744668	9.74
206	<i>Phycomitrella patens</i>	ppa	Viridiplantae	181415	224.36	330.56	47	85	138	242	709	-150.5	477.5	34812660	34.81	1500945	1.5	33311715	33.31
207	<i>Selaginella moellendorffii</i>	smo	Viridiplantae	121801	209.27	335.31	45	81	126	219	674	-126	426	25486294	25.49	7361130	7.36	18125164	18.13
208	<i>Pinus taeda</i>	pnt	Viridiplantae	187573	217.63	245.62	39	87	145	249	636	-156	492	40807843	40.81	190368	0.19	40617475	40.62
209	<i>Amborella trichopoda</i>	atr	Viridiplantae	109712	234.42	369.76	48	86	138	255	735	-167.5	508.5	25719051	25.72	2585956	2.59	23133095	23.13
210	<i>Spirodela polyrhiza</i>	spi	Viridiplantae	100504	216.2	368.76	41	79	123	216	708	-126.5	421.5	21729354	21.73	2622409	2.62	19106945	19.11
211	<i>Phalaenopsis equestris</i>	peq	Viridiplantae	115026	229.63	344.72	51	90	144	250	687	-150	490	26082471	26.08	361878	0.36	25720593	25.72
212	<i>Phoenix dactylifera</i>	pda	Viridiplantae	147257	207.3	313.84	38	77	122	219	660	-136	432	30484278	30.48	3952980	3.95	26531298	26.53
213	<i>Elaeis guineensis</i>	egu	Viridiplantae	150472	240.16	441.85	46	83	129	235	846	-145	463	34862290	34.86	525606	0.53	34336684	34.34
214	<i>Musa acuminata</i>	mac	Viridiplantae	195763	193.07	247.48	41	81	128	223	558	-132	436	37794768	37.79	3249069	3.25	34545699	34.55
215	<i>Phyllostachys heterocycla</i>	phe	Viridiplantae	166954	231.77	360.15	45	84	133	246	746	-159	489	38695301	38.7	3786540	3.79	34908761	34.91
216	<i>Brachypodium distachyon</i>	bdi	Viridiplantae	135917	255.01	463.7	48	85	135	257	920	-173	515	30484908	34.05	3085450	3.09	30963458	30.96
217	<i>Hordeum vulgare</i>	hvu	Viridiplantae	132688	274.9	436.86	44	87	146	278	1005	-199.5	564.5	27670401	27.61	1499081	1.5	26108320	26.11
218	<i>Aegilops tauschii</i>	ata	Viridiplantae	164523	247.31	379.25	42	83	136	259	867	-181	523	40668283	40.67	3335421	3.34	37332862	37.33
219	<i>Triticum urartu</i>	tut	Viridiplantae	156950	231.59	343.99	42	81	133	243	778	-162	486	36047228	36.05	2719015	2.72	33328213	33.33
220	<i>Oryza sativa</i>	osa	Viridiplantae	242177	329.86	490.88	46	90	162	356	1197	-309	755	78213882	78.21	40103914	40.1	38109968	38.11
221	<i>Sorghum bicolor</i>	sbi	Viridiplantae	147017	271.27	459.53	49	88	144	282	976	-203	573	39551381	39.55	7040546	7.04	32510835	32.51
222	<i>Zea mays</i>	zma	Viridiplantae	246379	233.53	348.01	42	84	140	258	747	-177	519	51978786	51.98	5560895	5.56	46417891	46.42
223	<i>Panicum virgatum</i>	pvi	Viridiplantae	287642	249.39	395.95	48	87	141	264	857	-178.5	529.5	66826484	66.83	7969475	7.97	58857009	58.86
224	<i>Setaria italica</i>	sit	Viridiplantae	190613	241.56	384.8	48	86	135	247	832	-155.5	488.5	39732909	39.73	5603612	5.6	34129297	34.13
225	<i>Aquilegia coerulea</i>	aco	Viridiplantae	253837	211.71	356.07	47	81	123	214	693	-118.5	413.5	30669278	30.67	4679641	4.68	25989637	25.99
226	<i>Nelumbo nucifera</i>	nnu	Viridiplantae	141038	244.09	440.45	46	83	131	240	864	-152.5	475.5	32968794	32.97	3046041	3.05	29922753	29.92
227	<i>Beta vulgaris</i>	bvu	Viridiplantae	270990	316.04	423.21	51	104	191	375	978	-302.5	781.5	84024784	84.02	49660228	49.66	34364556	34.36
228	<i>Actinidia chinensis</i>	ach	Viridiplantae	178425	234.58	340.37	47	89	141	248	754	-149.5	486.5	41818516	41.82	4982516	4.98	36836000	36.84
229	<i>Coffea canephora</i>	cof	Viridiplantae	129753	237.55	397.42	45	84	133	242	806	-153	479	30823274	30.82	5455360	5.46	25367914	25.37
230	<i>Mimulus guttatus</i>	mgu	Viridiplantae	143896	230.73	385.43	48	84	133	242	768	-153	479	31568882	31.57	43242414	4.32	27244668	27.24
231	<i>Sesamum indicum</i>	ssi	Viridiplantae	137625	241.25	438.38	47	84	132	242	849	-153	479	32225736	32.23	2973827	2.97	29251909	29.25
232	<i>Genlisea aurea</i>	gau	Viridiplantae	79712	214.38	348.76	48	82	127	219	684	-123.5	424.5	17088438	17.09	435905	0.44	16652533	16.65
233	<i>Utricularia gibba</i>	ugi	Viridiplantae	117651	247.94	399.39	51	90	146	273	797	-184.5	547.5	29169867	29.17	2397908	2.4	26771959	26.77
234	<i>Nicotiana tabacum</i>	nta	Viridiplantae	463295	218.65	363.07	45	81	124	219	723	-126	426	51602046	51.6	2405614	2.41	49196432	49.2
235	<i>Capsicum annuum</i>	cap	Viridiplantae	108189	285.65	464.56	54	97	164	318	941	-234.5	649.5	30904355	30.9	4055515	4.06	26848840	26.85
236	<i>Solanum melongena</i>	sme	Viridiplantae	439933	211.76	274.79	47	90	150	261	560	-166.5	517.5	93135056	93.14	62822713	62.82	30312343	30.31
237	<i>Solanum lycopersicum</i>	sly	Viridiplantae	154695	232.42	356.61	45	84	136	247	753	-160.5	491.5	35953509	35.95	4937085	4.94	31016424	31.02
238	<i>Solanum tuberosum</i>	stu	Viridiplantae	180850	251.76	398.42	48	88	146	271	834	-186.5	545.5	33825998	33.83	9280728	9.28	24545270	24.55
239	<i>Vitis vinifera</i>	vvi	Viridiplantae	154586	193.66	244.42	37	78	123	214	547	-126	418	29937229	29.94	5800371	5.8	24136858	24.14
240	<i>Eucalyptus grandis</i>	egr	Viridiplantae	237349	229.8	368.76	47	84	133	240	756	-150	474	42502004	42.5	17030228	17.03	25471776	25.47
241	<i>Citrus clementina</i>	ccl	Viridiplantae	138312	248.97	427.93	48	87	138	255	857	-165	507	31976556	31.98	6561105	6.56	25415451	25.42
242	<i>Citrus sinensis</i>	csi	Viridiplantae	276990	207.32	332.75	47	81	123	212	659	-115.5	408.5	29521597	29.52	3892272	3.89	25629325	25.63
243	<i>Theobroma cacao</i>	tca	Viridiplantae	211385	251.62	343.93	48	94	160	288	749	-197	579	53188453	53.19	23125971	23.13	30062482	30.06
244	<i>Gossypium raimondii</i>	gra	Viridiplantae	480123	206.08	324.15	45	80	122	210	651	-115	405	45540950	45.54	6580293	6.58	38960657	38.96
245	<i>Carica papaya</i>	cpp	Viridiplantae	111273	222.7	332.08	45	84	134	239	710	-148.5	471.5	24779398	24.78	2472112	2.47	22307286	22.31
246	<i>Tarenaya hassleriana</i>	tah	Viridiplantae	161649	232.52	398.14	46	83	130	238	793	-149.5	470.5	35647985	35.65	3503455	3.5	32144530	32.14
247	<i>Aethionema arabicum</i>	aar	Viridiplantae	175535	255.65</														

		Genome-wide features EXONS																		
263	<i>Cajanus cajan</i>	cca	Viridiplantae	173785	268.69	418.52	53	96	165	315	845	-232.5	643.5	46527479	46.53	17534668	17.53	28992811	28.99	
264	<i>Glycine max</i>	gma	Viridiplantae	407207	220.32	353.65	46	82	127	225	721	-132.5	439.5	64451147	64.45	5613165	5.61	58837982	58.84	
265	<i>Phaseolus vulgaris</i>	pvu	Viridiplantae	174309	236.4	403.86	48	84	132	240	801	-150	474	34672314	34.67	4098571	4.1	30573743	30.57	
266	<i>Citrullus lanatus</i>	cla	Viridiplantae	106682	243.77	400.29	51	89	141	258	786	-164.5	511.5	26001887	26	1800041	1.8	24201846	24.2	
267	<i>Cucumis melo</i>	cml	Viridiplantae	149567	221.16	334.93	48	85	135	237	696	-143	465	26049671	26.05	2561241	2.56	23488430	23.49	
268	<i>Cucumis sativus</i>	csa	Viridiplantae	176270	209.48	335.7	47	81	124	217	665	-123	421	25676260	25.68	1465159	1.47	24211101	24.21	
269	<i>Fragaria vesca</i>	fve	Viridiplantae	166535	233.65	367.85	48	86	137	246	765	-154	486	38910680	38.91	5432374	5.43	33478306	33.48	
270	<i>Prunus mume</i>	pmu	Viridiplantae	143430	250.75	408.45	49	88	144	264	847	-176	528	35797071	35.8	8862304	8.68	27114767	27.11	
271	<i>Prunus persica</i>	ppe	Viridiplantae	141207	246.02	393.29	49	87	141	261	815	-174	522	33845531	33.85	7721746	7.72	26123785	26.12	
272	<i>Malus domestica</i>	mdo	Viridiplantae	283221	236.5	348.03	48	88	141	255	750	-162.5	505.5	61543221	61.54	20589785	20.59	40953436	40.95	
273	<i>Pyrus bretschneideri</i>	pyb	Viridiplantae	200424	247.6	416.97	50	87	139	255	835	-165	507	49625492	49.63	10423652	10.42	39201840	39.2	
274	<i>Trypanosoma brucei</i>	tbr	Protist	8749	1502.52	1502.68	288	636	1152	1848	3780	-1182	3666	13145512	13.15	1007507	1.01	12138005	12.14	
275	<i>Trypanosoma vivax</i>	tvi	Protist	12434	1247.73	1233.54	318	633	1026	1521	2931	-699	2853	15428997	15.43	4052465	4.05	11376532	11.38	
276	<i>Leishmania major</i>	lma	Protist	8500	1874.66	1882.49	375	822	1386	2265	4878	-1342.5	4429.5	15934620	15.93	881384	0.88	15053236	15.05	
277	<i>Naegleria gruberi</i>	ngr	Protist	26065	892.34	1067.98	72	300	628	1173	2496	-1009.5	2482.5	23258674	23.26	1410030	1.41	21848644	21.85	
278	<i>Trichomonas vaginalis</i>	tva	Protist	97931	861.95	862.05	231	420	642	984	2220	-426	1830	84406944	84.41	48635617	48.64	35771327	35.77	
279	<i>Giardia intestinalis</i>	gin	Protist	4472	1835.53	1836.23	363	750	1314	2265	4989	-1522.5	4537.5	8198057	8.2	166733	0.17	8031324	8.03	
280	<i>Spironucleus salmonicida</i>	sal	Protist	8337	1115.98	1116.26	249	468	768	1332	3018	-828	2628	9302127	9.3	1267227	1.27	8034900	8.03	
281	<i>Acanthamoeba castellanii</i>	aca	Protist	112682	188.04	252.41	48	88	128	198	532	-77	363	21157245	21.16	1695717	1.7	19461528	19.46	
282	<i>Polyphondylium pallidum</i>	plp	Protist	44192	596.93	682.45	47	160	327	713	2012	-669.5	1542.5	17960141	17.96	2685680	2.69	15274461	15.27	
283	<i>Dictyostelium fasciculatum</i>	dfa	Protist	43012	728.26	876.84	47	158	339	866	2736	-904	1928	20945493	20.95	4211971	4.21	16733522	16.73	
284	<i>Dictyostelium purpureum</i>	dpu	Protist	30092	881.12	1017.28	65	294	618	1170	2604	-1020	2484	10724783	10.72	1396282	1.4	9328501	9.33	
285	<i>Dictyostelium discoideum</i>	ddi	Protist	28782	903.81	1051.52	65	289	615	1173	2714	-1037	2499	15575394	15.58	3270152	3.27	12305242	12.31	
286	<i>Entamoeba dispar</i>	edi	Protist	12172	433.91	526.06	30	105	232	504	1556	-493.5	1102.5	19175481	19.18	2652714	2.65	16522767	16.52	
287	<i>Entamoeba invadens</i>	ein	Protist	17233	472.76	560.73	35	123	267	576	1642	-556.5	1255.5	20334164	20.33	2728108	2.73	17606056	17.61	
288	<i>Guillardinia theta</i>	gth	Protist	155906	195.69	347.79	34	57	84	156	744	-91.5	304.5	35050382	30.51	2518617	2.52	27987765	27.99	
289	<i>Emiliania huxleyi</i>	ehu	Protist	117838	294.61	417.56	36	84	168	375	930	-352.5	811.5	34640448	34.64	8036962	8.04	26603486	26.6	
290	<i>Reticulomyxa filosa</i>	ref	Protist	99934	382.1	456.35	56	148	283	488	1032	-362	998	38184049	38.18	8996972	9	29187437	29.19	
291	<i>Bigelowiella natans</i>	bna	Protist	187588	153.59	299.09	34	55	79	138	494	-69.5	262.5	28809548	28.81	1618366	1.62	27193182	27.19	
292	<i>Plasmodiphora brassicae</i>	plb	Protist	44363	296.13	466.28	51	108	176	325	939	-217.5	650.5	13077012	13.08	513765	0.51	12563247	12.56	
293	<i>Oxytricha trifallax</i>	otx	Protist	67279	714.72	956.29	53	142	342	929	2506	-1038.5	2109.5	48085244	48.09	7334508	7.33	40750736	40.75	
294	<i>Styloynchis lemnae</i>	sle	Protist	50888	703.6	925.89	59	151	356	924	2403	-1008.5	2083.5	35804822	35.8	1303071	1.3	34501751	34.5	
295	<i>Paramecium tetraurelia</i>	ptm	Protist	129544	417.16	508.52	63	136	226	447	1335	-330.5	913.5	54047084	54.04	3600723	3.6	50440061	50.44	
296	<i>Ichthyophthirius multifiliis</i>	ich	Protist	28402	353.24	446.64	38	104	212	448	1105	-412	964	10029194	10.03	741694	0.74	9287500	9.29	
297	<i>Tetrahymena thermophila</i>	tet	Protist	113854	422.63	615.02	43	99	217	495	1504	-495	1089	48117779	48.12	4872557	4.87	43245222	43.25	
298	<i>Symbiodinium minutum</i>	sym	Protist	706307	100.35	218.13	22	37	52	76	224	-21.5	134.5	70259457	70.26	5830361	5.83	64429096	64.43	
299	<i>Perkinsus marinus</i>	pkm	Protist	132651	172.12	335.76	49	82	111	149	520	-18.5	249.5	22590508	22.59	6052621	6.05	16537887	16.54	
300	<i>Vitrella brassiciformis</i>	vbr	Protist	192537	186.62	248.86	38	72	113	204	588	-126	402	35930937	35.93	4255333	4.26	31675604	31.68	
301	<i>Cryptosporidium muris</i>	cmu	Protist	5310	1304.64	1606.25	58	268	861	1704	4098	-1886	3858	6927519	6.93	114147	0.11	6813372	6.81	
302	<i>Cryptosporidium parvum</i>	cpv	Protist	4040	1689.51	1772.71	210	651	1212	2085	4665	-1500	4236	6824334	6.82	138818	0.14	6685516	6.69	
303	<i>Neospora caninum</i>	nca	Protist	42679	425.99	730.29	50	99	168	363	1683	-297	759	18180200	18.18	559324	0.56	17620876	17.62	
304	<i>Toxoplasma gondii</i>	tgo	Protist	46998	422.94	695.04	49	96	165	363	1689	-304.5	763.5	19874476	19.87	499271	0.5	19375205	19.38	
305	<i>Gregarinia niphandrodes</i>	gni	Protist	9576	915.39	1044.84	55	216	562	1227	2898	-1300.5	2743.5	8765238	8.77	614729	0.61	8150509	8.15	
306	<i>Hammondia hammondi</i>	hha	Protist	46699	415.53	701.56	49	96	165	357	1646	-295.5	748.5	19404229	19.4	461096	0.46	18943133	18.94	
307	<i>Babesia bovis</i>	bbv	Protist	10077	551.05	931.46	53	107	204	564	2294	-578.5	1249.5	5552297	5.55	459701	0.46	5092596	5.09	
308	<i>Theileria annulata</i>	tan	Protist	14529	419.32	790.01	50	100	172	377	1650	-315.5	792.5	6091981	6.09	562541	0.56	5529440	5.53	
309	<i>Theileria parva</i>	tpv	Protist	14262	398.23	703.27	48	96	162	369	1614	-313.5	778.5	5678827	5.68	339494	0.34	5339333	5.34	
310	<i>Plasmodium vivax</i>	pvx	Protist	12468	874.52	1448.98	43	87	187	969	3785	-1236	2292	10903159	10.9	299002	0.3	10604157	10.6	
311	<i>Plasmodium berghei</i>	pbe	Protist	12663	798.74	1406.84	40	80	160	861	3512	-1091.5	2032.5	10114278	10.11	657163	0.66	9457115	9.46	
312	<i>Plasmodium falciparum</i>	pfa	Protist	13857	893.61	1526.79	42	80	171	944	4083	-1216	2240	12369924	12.37	1443536	1.44	10926388	10.93	
313	<i>Aurantiochytrium limacinum</i>	ali	Protist	21196	938.77	1131.66	63	213	591	1283	2928	-1392	2888	19896012	19.9	697827	0.7	19198185	19.2	
314	<i>Blastocystis hominis</i>	bho	Protist	23893	271.36	406.41	38	84	144	279	899	-208.5	571.5	6483643	6.48	946239	0.95	5537404	5.54	
315	<i>Saprolegnia parasitica</i>	sap	Protist	78843	330.03	519.43	47	99	177	372	1137	-310.5	781.5	26019815	26.02	2865560	2.87	23154255	23.15	
316	<i>Albugo labilachii</i>	ala	Protist	42242	447.06	680.32	42	96	190	435	1736	-412.5	943.5	15861946	15.86	1483034	1.48	14378912	14.38	
317	<i>Pythium ultimum</i>	pul	Protist	38518	515.28	768.65	3													

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333	<i>Catenaria anguillulae</i>	can	Fungi	33656	521.29	634.33	50	144	316	660	1722	-630	1434	17536992	17.54	1173663	1.17	16363329	16.36	
334	<i>Allomyces macrogynus</i>	amg	Fungi	58712	454.61	597.2	45	119	252	544	1560	-518.5	1181.5	26691090	26.69	2264257	2.26	24426833	24.43	
335	<i>Gonapodya prolifera</i>	gpr	Fungi	74226	232.69	308.66	33	84	147	267	715	-190.5	541.5	17267092	17.27	521513	0.52	16745579	16.75	
336	<i>Spizellomyces punctatus</i>	spt	Fungi	49164	278.43	436.04	38	91	150	288	951	-204.5	583.5	13688639	13.69	343877	0.34	13344762	13.34	
337	<i>Batrachochytrium dendrobatidis</i>	bde	Fungi	36783	320.79	483.81	45	100	171	333	1092	-249.5	682.5	11797264	11.8	1577879	1.58	10219385	10.22	
338	<i>Rhizopus oryzae</i>	ror	Fungi	55441	322.04	419.7	30	89	174	373	1080	-337	799	17854309	17.85	4687992	4.69	13166317	13.17	
339	<i>Mucor circinelloides</i>	mci	Fungi	43032	309.87	399.14	36	94	175	370	1026	-320	784	13332855	13.33	539151	0.54	12793704	12.79	
340	<i>Phycomyces blakesleeanus</i>	pbl	Fungi	72696	240.47	321.63	33	82	146	270	780	-200	552	17480656	17.48	4986795	4.99	12493861	12.49	
341	<i>Coemansia reversa</i>	cor	Fungi	10853	831.59	948.86	50	221	568	1143	2475	-1162	2526	9025141	9.03	448289	0.45	8576852	8.58	
342	<i>Conidiobolus coronatus</i>	cco	Fungi	28590	388.11	595.14	37	91	174	456	1407	-456.5	1003.5	11092556	11.09	1078444	1.08	10014112	10.01	
343	<i>Mixia osmundae</i>	mox	Fungi	30387	340.48	415.57	36	93	173	390	1256	-352.5	835.5	10343182	10.34	89437	0.09	10253745	10.25	
344	<i>Sporobolomyces roseus</i>	spr	Fungi	38912	240.92	264.72	35	88	155	278	717	-197	563	9374122	9.37	325927	0.33	9048195	9.05	
345	<i>Rhodotorula graminis</i>	rgr	Fungi	43773	249.87	307.82	31	81	149	285	809	-225	591	10934851	16.93	618545	0.62	10316306	10.32	
346	<i>Puccinia graminis</i>	pgr	Fungi	68199	273.66	346.74	30	82	156	323	937	-279.5	684.5	18623951	18.62	3081723	3.08	15542228	15.54	
347	<i>Melampsora laricis</i>	mlp	Fungi	37343	256.41	324.38	30	80	153	329	792	-293.5	702.5	9574752	9.57	1453538	1.45	8121214	8.12	
348	<i>Cronartium quercum</i>	cqu	Fungi	57479	240.27	289.8	30	80	144	273	776	-209.5	562.5	13809969	13.81	1489258	1.49	12320711	12.32	
349	<i>Malassezia globosa</i>	mgl	Fungi	6232	995.39	1280.32	40	182	687	1461	2985	-1736.5	3379.5	6202585	6.2	76795	0.08	6125790	6.13	
350	<i>Ustilago maydis</i>	uma	Fungi	11179	1071.58	1463.02	42	162	597	1605	3539	-2002.5	3769.5	11977979	11.98	301385	0.3	11676594	11.68	
351	<i>Sporisorium reilianum</i>	sre	Fungi	9463	1254.37	1601.42	45	222	897	1815	3816	-2167.5	4204.5	11865559	11.87	241117	0.24	11624442	11.62	
352	<i>Cryptococcus neoformans</i>	cne	Fungi	38680	262.44	322.67	33	86	154	303	868	-239.5	628.5	10083568	10.08	227091	0.23	9856477	9.86	
353	<i>Dacryopinax sp</i>	dac	Fungi	46304	268.47	344.59	33	91	169	318	829	-249.5	658.5	12423597	12.42	402739	0.4	12020858	12.02	
354	<i>Piriformospora indica</i>	pin	Fungi	59266	260.4	350.13	30	80	150	293	900	-239.5	612.5	15432516	15.43	1207831	1.21	14224685	14.22	
355	<i>Sebacina verimifera</i>	sve	Fungi	71885	262.01	360.67	31	81	149	291	917	-234	606	18825984	18.83	2742738	2.74	16083246	16.08	
356	<i>Botryobasidium botryosum</i>	bob	Fungi	87205	221.35	317.45	28	75	138	249	697	-186	510	19297731	19.3	1820183	1.82	17477548	17.48	
357	<i>Tulasnella calospora</i>	tuc	Fungi	88363	227.43	290.75	31	81	148	261	706	-189	531	20088612	20.09	3627212	3.63	16461400	16.46	
358	<i>Auricularia delicata</i>	ade	Fungi	111786	243.89	364.93	29	75	142	279	837	-231	585	27250639	27.25	2382630	2.38	24868009	24.87	
359	<i>Sphaerobolus stellatus</i>	sst	Fungi	157494	207.33	275.82	28	75	137	252	611	-190.5	517.5	32647342	32.65	9885870	9.89	22761472	22.76	
360	<i>Fomitiporia mediterranea</i>	fme	Fungi	64718	224.35	298.34	28	74	135	250	722	-190	514	14512083	14.51	1093651	1.09	13418432	13.42	
361	<i>Phanerochaete carnosa</i>	pca	Fungi	69046	232.03	321.06	29	80	146	272	731	-208	560	16017256	16.02	1952551	1.95	14064705	14.06	
362	<i>Phlebia brevispora</i>	pbr	Fungi	88142	219.89	299.11	28	75	137	258	691	-199.5	532.5	19370704	19.37	1927201	1.93	17443503	17.44	
363	<i>Punctularia strigosozonata</i>	pst	Fungi	67492	225.4	308.98	30	77	137	254	719	-188.5	519.5	15207387	15.21	820104	0.82	14387283	14.39	
364	<i>Gloeophyllum trabeum</i>	gtr	Fungi	68227	218.85	297.29	28	77	138	252	681	-185.5	514.5	14926441	14.93	559001	0.56	14367440	14.37	
365	<i>Phlebiopsis gigantea</i>	pgi	Fungi	67430	217.28	291.65	28	77	138	253	675	-187	517	14646902	14.65	123353	0.12	14523549	14.52	
366	<i>Bjerkandera adusta</i>	bad	Fungi	81298	231.58	315.9	27	77	143	269	745	-211	557	18824227	18.82	1018478	1.02	17805949	17.81	
367	<i>Ceriporiopsis subvermispora</i>	ces	Fungi	71876	215.5	289.22	27	73	135	249	671	-191	513	15478328	15.48	953402	0.95	14524926	14.52	
368	<i>Postia placenta</i>	ppl	Fungi	112277	210.18	277.61	28	74	133	245	666	-182.5	501.5	23597596	23.6	5210626	5.21	18386970	18.39	
369	<i>Wolfiporia cocos</i>	wco	Fungi	71845	217.31	291.89	28	76	136	251	681	-186.5	513.5	15608152	15.61	1612574	1.61	13995578	14	
370	<i>Fomitopsis pinicola</i>	fpi	Fungi	74537	226.17	299.54	28	78	141	263	714	-199.5	540.5	16850327	16.85	1043314	1.04	15807013	15.81	
371	<i>Trametes versicolor</i>	tve	Fungi	78480	230.2	322.89	27	75	139	266	750	-211.5	552.5	18057974	18.06	1035811	1.04	17022163	17.02	
372	<i>Ganoderma sp</i>	gan	Fungi	71834	230.05	306.51	28	77	140	266	747	-206.5	549.5	16518855	16.52	787981	0.79	15730874	15.73	
373	<i>Dichomitus squalens</i>	dsq	Fungi	66473	232.05	310.24	29	78	143	270	742	-210	558	15423434	15.42	901485	0.9	14521949	14.52	
374	<i>Heterobasidion annosum</i>	han	Fungi	68971	220.58	302.27	29	77	141	256	678	-191.5	524.5	15195204	15.2	1846751	1.85	13348453	13.35	
375	<i>Stereum hirsutum</i>	shi	Fungi	86479	223.11	311.77	28	74	134	249	713	-188.5	511.5	19284463	19.28	604046	0.6	18680417	18.68	
376	<i>Piloderma croceum</i>	pcr	Fungi	95306	225.03	290.42	28	77	143	260	692	-197.5	534.5	21441108	21.44	2483165	2.48	18957943	18.96	
377	<i>Jaapia argillacea</i>	jar	Fungi	85826	225.74	311.95	28	76	140	258	718	-197	531	19371855	19.37	1533123	1.53	17838732	17.84	
378	<i>Plicaturopsis crista</i>	plc	Fungi	74746	224.02	312.99	28	75	139	262	705	-205.5	542.5	16740469	16.74	597026	0.6	16143443	16.14	
379	<i>Amanita muscaria</i>	amu	Fungi	76099	234.33	304.95	29	79	147	267	749	-203	549	17826174	17.83	3557826	3.56	14268348	14.27	
380	<i>Pleurotus ostreatus</i>	pos	Fungi	72535	212.69	294.55	28	74	134	244	660	-181	499	15382074	15.38	989807	0.99	14392267	14.39	
381	<i>Schizophyllum commune</i>	scm	Fungi	73039	241.28	334.1	31	81	145	274	795	-208.5	563.5	17613015	17.61	913664	0.91	16699351	16.7	
382	<i>Gymnopus luxurians</i>	glu	Fungi	109626	219.66	303.75	27	73	135	255	690	-200	528	24075236	24.08	3558600	3.56	20516636	20.52	
383	<i>Agaricus bisporus</i>	abb	Fungi	59718	223.08	308.55	29	76	138	255	706	-192.5	523.5	13317476	13.32	1139814	1.14	12177662	12.18	
384	<i>Laccaria bicolor</i>	lbc	Fungi	105041	215.81	283.14	26	70	133	248	682	-197	515	22667786	22.67	6452169	6.45	16215617	16.22	
385	<i>Coprinopsis cinerea</i>	cci	Fungi	73309	251.91	343.55	29	78	147	285	831	-232.5	595.5	18466951	18.47	596930	0.6	17870021	17.87	
386	<i>Hebeloma cylindrosporum</i>	hcy	Fungi	78454	234.87	324.77	28	76	143	270	759	-215	561	18422645	18.42	1030275	1.03	17392370	17.39	
387	<i>Galerina marginata</i>	gam	Fungi	107052	230.61	340.32	27	74	137	260	755	-205	539	24680633	24.68	2433059	2.43	22247574	22.25	
388	<i>Hypholoma sublateritium</i>	hsu	Fungi	89797																

		Genome-wide features EXONS																			
403	<i>Dekkera bruxellensis</i>	dbr	Fungi	7480	994.3	1084.35	67	364	798	1362	2612	-1133	2859	7437184	7.44	57129	0.06	7380055	7.38		
404	<i>Pachysolen tannophilus</i>	pta	Fungi	7301	1118.07	1257.91	41	360	891	1563	3033	-1444.5	3367.5	8161429	8.16	261351	0.26	7900078	7.9		
405	<i>Pichia pastoris</i>	pip	Fungi	5534	1303.39	1367.02	105	627	1098	1704	3117	-988.5	3319.5	7212080	7.21	45669	0.05	7166411	7.17		
406	<i>Pichia stipitis</i>	pic	Fungi	8233	1044.02	1199.34	71	366	837	1440	2742	-1245	3051	8595287	8.6	247070	0.25	8348217	8.35		
407	<i>Candida albicans</i>	cal	Fungi	6249	1400.57	1424.44	306	687	1176	1827	3291	-1023	3537	8731784	8.73	327125	0.33	8404659	8.4		
408	<i>Babjeviella inositovora</i>	bin	Fungi	7878	1057.02	1162.1	45	308	858	1485	2856	-1457.5	3250.5	8326601	8.33	144740	0.14	8181861	8.18		
409	<i>Debaryomyces hansenii</i>	dha	Fungi	6094	1388.76	1389.05	234	690	1173	1803	3270	-979.5	3472.5	8455584	8.46	220332	0.22	8235252	8.24		
410	<i>Spathaspora passalidarum</i>	spa	Fungi	6920	1170.63	1240.51	76	516	984	1536	2937	-1014	3066	8100281	8.1	196300	0.2	7903981	7.9		
411	<i>Hypoplectra burtonii</i>	hbu	Fungi	7141	1185.41	1270.13	62	477	976	1593	3072	-1197	3267	8463021	8.46	135879	0.14	8327142	8.33		
412	<i>Metschnikowia bicuspidata</i>	mbi	Fungi	7201	1066.41	1145.2	63	390	846	1446	2856	-1194	3030	7676947	7.68	108700	0.11	7568247	7.57		
413	<i>Ascoidea rubescens</i>	aru	Fungi	9184	1037.04	1179.83	59	294	741	1422	3106	-1398	3114	9520694	9.52	500882	0.5	9019812	9.02		
414	<i>Hanseniaspora valbyensis</i>	hva	Fungi	5661	1129.26	1198.37	149	459	921	1526	2919	-1141.5	3126.5	6392092	6.39	304625	0.3	6087467	6.09		
415	<i>Ashbya gossypii</i>	ago	Fungi	4971	1407.91	1448.07	216	669	1161	1827	3402	-1068	3564	6998308	7	77538	0.08	6920770	6.92		
416	<i>Kluveromyces lactis</i>	kla	Fungi	5196	1423.13	1447.4	282	705	1194	1833	3345	-987	3525	7393793	7.39	95759	0.1	7298034	7.3		
417	<i>Lachancea thermotolerans</i>	lth	Fungi	5306	1416.47	1456.66	243	702	1185	1815	3357	-967.5	3484.5	7515457	7.52	58665	0.06	7456802	7.46		
418	<i>Saccharomyces cerevisiae</i>	sce	Fungi	6911	1302.78	1320.25	171	483	1041	1734	3444	-1393.5	3610.5	8790728	8.79	554943	0.55	8235785	8.24		
419	<i>Zygosaccharomyces rouxii</i>	zro	Fungi	5110	1456.35	1479.59	297	723	1197	1842	3513	-955.5	3520.5	7441575	7.44	149117	0.15	7292458	7.29		
420	<i>Tuber melanosporum</i>	tme	Fungi	28462	345.6	433.58	30	93	196	424	1163	-403.5	920.5	9836379	9.84	156080	0.16	9680299	9.68		
421	<i>Aureobasidium pullulans</i>	apu	Fungi	26003	564.32	718.76	39	131	314	723	1857	-757	1611	14671571	14.67	87189	0.09	14584382	14.58		
422	<i>Acidomyces richmondensis</i>	ari	Fungi	24378	558.71	715.66	39	133	297	705	1931	-725	1563	13619714	13.62	444710	0.44	13175004	13.18		
423	<i>Baudoinia compniacensis</i>	bco	Fungi	21434	613.02	760.12	40	149	339	804	2046	-833.5	1786.5	15138335	13.14	81329	0.08	13057006	13.06		
424	<i>Mycosphaerella graminicola</i>	mgr	Fungi	27638	514.56	675.28	37	122	276	652	1733	-673	1447	14219776	14.22	139941	0.14	14079835	14.08		
425	<i>Septoria musiva</i>	smu	Fungi	22491	613.93	809.89	38	135	315	806	2109	-871.5	1812.5	13807362	13.81	242050	0.24	13565312	13.57		
426	<i>Cladosporium fulvum</i>	clu	Fungi	30167	606.45	789.71	37	138	346	787	1986	-835.5	1760.5	18294727	18.29	127581	0.13	18167146	18.17		
427	<i>Cercospora zaeae</i>	cze	Fungi	27265	555.1	702.75	40	137	306	720	1823	-737.5	1594.5	15134184	15.13	127184	0.13	15007000	15.01		
428	<i>Zasmidium cellare</i>	zce	Fungi	39576	545.88	749.57	40	132	311	705	1782	-727.5	1564.5	21603442	21.16	161014	0.16	21442428	21.44		
429	<i>Dothistroma septosporum</i>	dse	Fungi	25916	593.31	757.06	42	144	324	756	1980	-774	1674	15373588	15.37	76378	0.08	15297210	15.3		
430	<i>Hysterium pulicare</i>	hpu	Fungi	38424	489.64	661.36	37	120	277	622	1611	-633	1375	18813856	18.81	106100	0.11	18707756	18.71		
431	<i>Rhytidhysteron rufulum</i>	rfl	Fungi	37716	483.5	646.94	37	120	273	606	1587	-609	1335	18235572	18.24	139785	0.14	18095787	18.1		
432	<i>Leptosphaeria maculans</i>	lpm	Fungi	34168	458.94	560.66	32	103	225	554	1641	-573.5	1230.5	15680908	15.68	211306	0.21	15469602	15.47		
433	<i>Didymella exigua</i>	dex	Fungi	29256	538.96	647.3	40	137	313	690	1761	-692.5	1519.5	15767113	15.77	422078	0.42	15345035	15.35		
434	<i>Phaeosphaeria nodorum</i>	pno	Fungi	32266	486.17	570.95	36	119	284	643	1570	-667	1429	15656745	15.66	139306	0.14	15517439	15.52		
435	<i>Setosphaera turica</i>	set	Fungi	30288	528.09	647.1	39	131	304	682	1730	-695.5	1508.5	15994686	15.99	349876	0.35	15644810	15.64		
436	<i>Cochliobolus heterostrophus</i>	che	Fungi	34453	496.84	595.53	39	128	280	634	1632	-631	1393	17171332	17.12	341420	0.34	16775912	16.78		
437	<i>Pyrenopora teres</i>	pte	Fungi	29102	563.58	697.47	39	134	320	735	1851	-767.5	1636.5	16401445	16.4	623588	0.62	15777857	15.78		
438	<i>Cladonia grayi</i>	clg	Fungi	34124	442.21	551.79	34	112	248	553	1484	-549.5	1214.5	15088385	15.09	211619	0.21	14876766	14.88		
439	<i>Xanthorhia parietina</i>	xpa	Fungi	31834	440.32	563.59	37	114	243	544	1488	-531	1189	14016779	14.02	166592	0.17	13850187	13.85		
440	<i>Aspergillus nidulans</i>	ani	Fungi	33962	448.4	584.28	31	100	231	548	1546	-572	1220	15218528	15.22	292760	0.29	14925768	14.93		
441	<i>Aspergillus niger</i>	ang	Fungi	49366	376.27	510.7	34	90	181	426	1341	-414	930	18575112	18.58	234114	0.23	18340998	18.34		
442	<i>Eurotium herbariorum</i>	ehe	Fungi	29689	465.33	592.8	36	113	249	565	1605	-565	1243	18315000	18.81	205076	0.21	13609924	13.61		
443	<i>Penicillium chrysogenum</i>	pec	Fungi	34998	458.02	608.55	37	110	243	565	1553	-572.5	1247.5	16029681	16.03	129837	0.13	15899844	15.9		
444	<i>Amorphotheca resiniae</i>	are	Fungi	27615	477.19	588.77	37	116	263	595	1609	-602.5	1313.5	13177070	13.18	120597	0.12	13056473	13.06		
445	<i>Oidiiodendron maius</i>	oma	Fungi	49561	442.8	548.14	39	120	263	561	1425	-541.5	1222.5	21501315	21.5	255395	0.26	21245920	21.25		
446	<i>Botryotinia cinerea</i>	bci	Fungi	42162	390.78	452.03	31	93	196	468	1377	-469.5	1030.5	16476006	16.48	345631	0.35	16130375	16.13		
447	<i>Sclerotinia sclerotiorum</i>	scs	Fungi	27658	403.45	475.79	29	89	192	473	1472	-487	1049	11158609	11.16	554499	0.55	10604110	10.6		
448	<i>Daldinia eschscholtzii</i>	des	Fungi	31120	502.69	647.52	38	122	279	638	1676	-652	1412	15643758	15.64	122019	0.12	15521739	15.52		
449	<i>Hypoxyylon sp</i>	hyp	Fungi	33751	496.34	636.98	38	122	279	630	1658	-640	1392	16751694	16.75	82108	0.08	16669586	16.67		
450	<i>Acremonium alcalophilum</i>	aal	Fungi	33902	384.19	573.84	24	64	150	426	1536	-479	969	12960885	12.96	273049	0.27	12687836	12.69		
451	<i>Verticillium dahliae</i>	vda	Fungi	28992	516.15	654.52	37	120	289	669	1725	-703.5	1492.5	14963855	14.96	235843	0.24	14728012	14.73		
452	<i>Trichoderma citrinoviride</i>	tci	Fungi	26708	515.6	643.64	37	122	285	656	1700	-679	1457	13768939	13.77	187555	0.19	13581384	13.58		
453	<i>Fusarium oxysporum</i>	fox	Fungi	43667	475.48	605.36	33	114	271	615	1569	-637.5	1366.5	20762587	20.76	2526962	2.53	18235625	18.24		
454	<i>Gibberella moniliformis</i>	gmf	Fungi	36899	477.93	610.38	32	111	267	615	1584	-645	1371	17631981	17.63	89225	0.09	17542756	17.54		
455	<i>Nectria haematocephala</i>	nha	Fungi	45017	483.08	636.4	37	120	276	628	1585	-642	1390	21746647	21.75	177321	0.18	21569326	21.57		
456	<i>Magnaporthe poae</i>	mpo	Fungi	29931	488.3	600.05	37	123	273	583	1712	-567	1273	14554233	14.55	258756	0.26	14295667	14.3		
457	<i>Cryphonectria parasitica</i>	crp	Fungi	32648	450.41	542.72	35	114	255	567	1492	-565.5	1246.5	14700744	14.7	287634					