

Table SMO. Descriptors of genome-wide features for genome contents calculated with the assembled genome size, 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.
<https://www.biorxiv.org/content/early/2018/03/18/283549>

CALCULATIONS BASED ON THE ASSEMBLED GENOME SIZE (obtained from the genome fasta file)																							
ORDER	SPECIES_NAME	ABBREV_NAME	KINGDOM	LOG_GENOME_SIZE_nts	LOG_GENOME_SIZE_mbs	GENOME_SIZE_nts	INTRON_GENOME_%	REPEATS_INTRONS_%	NON-REPETITIVE_INTRONS_CONTENT_%	EXON_GENOME_%	REPEATS_EXONS_%	NON-REPETITIVE_EXONS_%	NON-REPETITIVE_GENOME_%	NON-REPETITIVE_REPEATS_%	NON-REPETITIVE_NC-DNA_%	GENOME_INTRONS_%	GENOME_NON-REPETITIVE_INTRONS_%	GENOME_EXONS_%	GENOME_NON-REPETITIVE_EXONS_%	GENOME_REPEATS_INTERGENICS_%	GENOME_NON-REPETITIVE_INTERGENICS_%		
1	<i>Thecamonas trahens</i>	tht	Protist	7.45758964140524	1.46757914699576	28680627	28.68	6.05	18.38	81.62	71.6	5.65	94.35	90.99	9.1	23.43	1.11	4.94	4.05	67.55	3.85	18.49	
2	<i>Sphaeromorpha arctica</i>	sar	Protist	8.08469193281401	2.08469756846136	121580341	121.59	9.47	90.53	13.37	5.09	94.91	84.37	17.08	71.68	2.04	19.46	6.68	12.69	12.91	62.22		
3	<i>Ciliophora arakzi</i>	cov	Protist	8.44655085683936	1.89465508568393	1199282450837153	12078747	27.04	10.45	80.44	94.49	14.35	80.45	85.24	14.33	4.4	1.42	1.42	52.96	5.07	44.51	65.99	
4	<i>Salpingopeca rossetti</i>	sro	Protist	7.74382564217773	1.74382564216025	55440309	55.44	36.84	42.45	57.55	41.81	15.06	84.94	72.76	26.43	37.25	16.49	22.36	6.3	35.51	4.45	14.89	
5	<i>Monesisa brevirostris</i>	mbr	Protist	7.6194146182539	1.6194146182539	418333678	41.63	24.48	6.78	93.22	39.71	6.97	93.03	90.33	9.77	53.39	1.66	22.82	1.77	36.94	5.25	30.57	
6	<i>Mnemiopeis leidyi</i>	mls	Metazoa	8.19277903988079	2.192779039712065	155875873	155.88	39.39	17.6	82.4	14.24	5.57	94.43	78.61	22.47	65.16	6.93	32.46	0.79	13.45	13.67	32.7	
7	<i>Amphimedon queenslandica</i>	aqm	Metazoa	8.221882452161618	2.221882452161618	166679601	166.68	19.23	40	60	20.57	34.81	65.19	62.09	39.28	48.68	7.69	11.54	7.16	13.41	23.06	37.14	
8	<i>Trichoplax adhaerens</i>	tad	Metazoa	8.02379419111442	2.02379419111442	105631681	105.63	22.74	3.45	96.55	14.85	2.84	97.16	93.54	6.36	79.11	0.79	21.95	0.42	14.43	5.26	57.15	
9	<i>Acropora digitifera</i>	adi	Metazoa	6.16506313753181	2.6150658413437	412157434	412.16	25.75	28.13	71.87	7.66	25.1	74.9	66.84	33.68	6.11	7.24	18.5	1.92	5.74	24	42.6	
10	<i>Nematostella vectensis</i>	nve	Metazoa	8.552197883365598	2.55219537142578	356613586	356.61	25.54	32.36	67.64	7.58	12.69	87.31	66.36	34.36	59.75	8.27	17.28	0.96	6.62	24.41	42.47	
11	<i>Hydra magnipapillata</i>	hma	Metazoa	8.930518653334	2.930518653334	852155112	852.16	20.92	53.7	46.3	3.6	35.75	64.25	38.8	62.51	36.49	11.23	9.68	1.29	2.31	48.68	26.8	
12	<i>Thelohanellus kitaiuei</i>	tki	Metazoa	8.17709811457131	2.17709811457131	150348159	150.35	5.17	27.46	72.54	7.18	29.07	70.93	73.69	26.43	68.6	1.42	3.75	5.1	22.8	66.48		
13	<i>Adineta vaga</i>	ava	Metazoa	8.33858819706712	2.33858819706712	21066433	218.07	9.2	10.14	89.86	26.09	15.78	84.22	82.99	16.99	61.02	0.93	8.27	4.12	21.98	11.96	52.75	
14	<i>Clonorchis sinensis</i>	cls	Metazoa	8.729810547516094	2.729810547516094	536797579	536.79	40.96	25.48	74.52	4.04	15.15	84.85	71.43	28.79	68	10.44	30.53	0.61	3.43	17.52	37.47	
15	<i>Schistosoma mansoni</i>	sma	Metazoa	8.561725125758491	2.561725125758491	36453297	364.53	31.89	44.02	55.98	3.56	5.33	94.67	51.4	48.84	48.02	14.03	17.85	0.19	3.37	34.38	30.17	
16	<i>Helobdella robusta</i>	hro	Metazoa	8.37176650120802	2.37176650120802	25378343	253.78	26.01	37.35	62.65	11.21	17.3	82.7	65.64	34.37	56.36	9.71	16.29	1.94	9.27	22.71	40.07	
17	<i>Capitella teleta</i>	cte	Metazoa	8.52373885393936	2.52373885393936	32538223491178	333717403	33.72	14.91	26.4	73.6	10.35	17.54	82.46	69.11	32.44	60.57	3.94	10.97	1.82	8.54	25.14	49.6
18	<i>Octopus bimaculoides</i>	oct	Metazoa	9.36887978478248	2.36887978478248	233818782	2338.19	13.26	46.04	53.96	1.25	16.48	83.52	57.28	43.48	56.24	6.11	7.16	0.21	1.04	36.41	49.08	
19	<i>Pinctada fucata</i>	pfi	Metazoa	8.91131958655884	2.9113174232403	8153	81.36	40.98	59.02	5.5	26.47	73.53	54.24	46.26	50.2	12.81	18.45	1.45	4.04	31.49	31.78		
20	<i>Crassostrea gigas</i>	cgi	Metazoa	8.74641624349583	2.74641624349583	55771717	557.72	30.92	32	68	6.27	9.6	90.4	65.71	34.56	60.04	9.89	21.03	0.6	5.67	23.79	39.01	
21	<i>Biomphalaria glabrata</i>	bgl	Metazoa	9.620979976307247	2.620979976307247	916462614	916.43	12.47	38.83	61.17	1.61	10.41	89.59	58.78	44.36	57.34	4.84	7.63	0.17	1.44	36.21	49.71	
22	<i>Lottia gigantea</i>	lgi	Metazoa	8.8557136415121	2.8557136415121	53591207	535.91	25.04	24.18	75.82	7.53	11.11	88.89	78.92	21.18	72.23	6.05	18.99	0.84	6.69	14.19		
23	<i>Trichinella spiralis</i>	tsp	Metazoa	7.80293475975449	2.80293475975449	63525422	635.52	21.26	16.12	83.88	23.73	17.36	82.64	79.35	23.32	59.74	3.43	17.84	4.12	19.61	13.1	41.89	
24	<i>Pristionchus pacificus</i>	ppc	Metazoa	8.29299672567524	2.29299672567524	169747139	169.75	27.41	16.52	80.48	14.64	8.22	91.78	83.51	16.95	4.53	22.88	1.22	13.62	10.74	47.02		
25	<i>Caenorhabditis elegans</i>	cei	Metazoa	8.040323064591208	2.040323064591208	201171014104	201171014104	100.07	31.95	27.65	25.33	3.44	96.06	10.43	16.33	79.37	2.77	23.78	2.43	34.83	8.37	35.25	
26	<i>Streptomyces ratti</i>	srt	Metazoa	8.97457424151028	2.97457424151028	273904917	43.15	16.73	12.19	87.01	1.27	4.76	95.24	90.07	8.93	52.32	1.06	7.6	1.03	88.65	6.02	44.52	
27	<i>Acanthocephala suum</i>	ass	Metazoa	8.43581676393936	2.43581676393936	272782664	272.78	37.32	2.87	97.13	6.68	0.84	99.15	95.8	3.68	88.18	1.07	36.25	0.06	6.62	3.07	52.93	
28	<i>Lox los</i>	loc	Metazoa	7.03855421231244	1.03855421231244	19286575621006	196806306	96.81	26.84	3.95	96.05	18.71	3.60	98.02	90.31	0.01	8.81	7.82	1.06	25.78	6.62	50.04	
29	<i>Brugia malayi</i>	bma	Metazoa	7.973771023302928	1.973771023302928	94140630	94.14	26.36	7.45	92.55	14.74	4.7	95.3	88.59	15	74.54	2.11	26.24	0.69	14.05	8.61	48.3	
30	<i>Iodes scapularis</i>	isc	Metazoa	9.246838740907866	2.246838740907866	1765382190	1765.38	11.02	41.31	58.69	0.99	2.42	97.58	63.7	40.08	62.73	4.55	6.47	0.02	0.97	31.73	56.27	
31	<i>Metasiulus occidentalis</i>	moc	Metazoa	8.1809585099366	2.1809585099366	151699530	151.69	21.94	3.61	96.39	10.92	7.32	92.68	90.28	10.09	80.15	0.79	21.15	0.8	10.12	8.13	59.01	
32	<i>Tetranynchus urticae</i>	tur	Metazoa	7.95815994076737	2.95815994076737	90182	90.82	20.33	8.35	91.65	21.54	14.26	85.74	85.14	14.87	66.67	1.7	18.64	3.07	18.47	10.09	48.03	
33	<i>Stepodaphys mimosarum</i>	srm	Metazoa	7.7501130301069	2.7501130301069	1750125678734	1750125678734	16.07	31.95	20.56	50.03	49.97	0.85	17.6	82.4	48.85	51.88	48.15	10.29	0.17	0.51	0.4	40.71
34	<i>Sarcoptes scabiei</i>	sas	Metazoa	6.36498323576181	1.36498323576181	431052042	431052042	56.25	5.35	6.26	93.72	21.22	1.81	98.19	91.02	9.04	70.18	0.34	5.02	0.38	20.84	6.16	65.16
35	<i>Strigamia maritima</i>	smr	Metazoa	8.246630521155098	2.246630521155098	17621071291	176.21	18.73	29.38	70.62	12.21	9.02	90.98	64.46	5.35	53.35	5.5	13.23	1.1	11.11	28.93	40.12	
36	<i>Lingula anatina</i>	ign	Metazoa	8.628894428359146	2.628894428359146	216889956175123	216889956175123	97.05	1.98	88.57	9.3	1.98	98.02	89.42	10.57	80.3	3.73	33.93	0.14	5.84	5.55	50.81	
37	<i>Daphnia pulex</i>	ame	Metazoa	8.3416916157309	2.3416916157309	219629612	219.63	36.02	7	93	6.78	1.94	98.06	93.55	6.44	86.9	2.52	1.12	6.67	4.44	47.76		
38	<i>Ceraphycus biroi</i>	ceb	Metazoa	8.32803245035329	2.32803245035329	212825769	212.83	41.31	11.47	88.53	9.56	5.89	94.11	85.86	14.25	76.86	4.74	36.57	0.56	9	8.84	40.28	
39	<i>Linediptera humile</i>	ihu	Metazoa	8.342047432097234	2.342047432097234	219804049	219.81	14.07	10.47	89.53	8.77	3.77	96.23	86.9	13.67	78.46	2.41	20.24	0.27	11.89	12.08	44.86	
40	<i>Diaphorina citri</i>	dic	Metazoa	8.68637247450096	2.68637247450096	208570582	208.57	27.67	34.36														

Genome-wide features GENOME CONTENTS with ASSAMBLLED genome size																											
76	<i>Heliconius melpomene</i>	hme	Metazoa	8.43741153500802	2.43741758176682	273786188	273.79	23.92	29.63	70.37	6.31	2.46	97.54	72.42	28.05	66.27	7.09	16.83	0.16	6.15	20.34	49.44					
77	<i>Melitaea cinxia</i>	mcx	Metazoa	8.50904471295233	2.59094209643314	389892349	389.89	27.08	29.88	70.12	3.99	1.15	98.85	72.04	28.09	68.09	8.09	18.99	0.05	3.95	19.83	49.1					
78	<i>Phlebotomus papatasii</i>	ppt	Metazoa	8.56082446844566	2.5608268807193	363767980	363.77	7.24	44.12	55.88	3.38	1.87	98.13	59.74	44.38	56.41	3.19	4.04	0.06	3.32	37.01	52.37					
79	<i>Lutzomyia longipalpis</i>	llo	Metazoa	8.18816679171963	2.1881688585867	154229266	154.23	19.98	17.75	82.25	9.83	3.97	96.03	85.48	14.66	76.04	3.55	16.43	0.39	9.44	10.58	59.6					
80	<i>Drosophila melanogaster</i>	dme	Metazoa	8.2271589598116	2.22716656673143	168717020	168.72	22.39	16.95	83.05	13.51	3.36	96.64	68.74	31.27	55.68	3.79	18.59	0.45	13.06	27.01	37.09					
81	<i>Anopheles gambiae</i>	aga	Metazoa	8.39472141300008	2.3947142795334	248154076	248.15	15.61	15.3	84.7	7.18	5.06	94.94	79.44	20.57	72.62	2.39	13.22	0.36	6.81	17.81	59.4					
82	<i>Anopheles darlingi</i>	ada	Metazoa	8.055031315217	2.05503412376461	113509265	113.51	39.02	4.06	95.94	15.64	3.77	96.23	95.6	4.37	80.55	1.58	37.43	0.59	15.05	2.22	43.12					
83	<i>Aedes aegypti</i>	aee	Metazoa	8.9820412132443	2.98204045278962	959491477	959.49	15.13	77.34	22.66	1.59	3.07	96.93	26.22	73.82	24.68	11.7	3.43	0.05	1.54	62.03	21.25					
84	<i>Culex pipiens</i>	cpi	Metazoa	8.76271015431917	2.76270856576412	579042118	579.04	13.33	55.13	44.87	4.28	8.83	91.17	47.61	52.61	43.71	7.35	5.98	0.38	3.9	44.66	37.73					
85	<i>Beluga antarctica</i>	ban	Metazoa	7.95215196036789	1.9521257421446	89567811	89.57	13.19	2.62	97.38	20.81	1.33	98.67	96.45	3.07	75.92	0.35	12.84	0.28	20.53	2.93	63.08					
86	<i>Glossina morsitans</i>	gmr	Metazoa	8.563718342536566	2.56371833996568	366195856	366.2	17.27	22.73	77.27	5.58	3.1	96.9	76.93	23.41	71.52	3.93	13.34	0.17	5.41	18.97	58.18					
87	<i>Musca domestica</i>	mud	Metazoa	8.8752951079574	2.8752982537101	750403944	750.4	18.91	46.4	53.6	3.12	3.56	96.44	51.07	49.5	48.06	8.78	10.14	0.11	3	40.04	37.93					
88	<i>Lilium cuprina</i>	lcu	Metazoa	8.6376178721833	2.63761979824201	434128924	434.13	24.37	24.13	75.87	5.12	4.8	95.2	74.29	25.69	69.42	58.48	18.49	0.25	4.87	19.59	50.92					
89	<i>Mayetiolia destructor</i>	myd	Metazoa	8.2677946245152	2.26779821665137	248154338	185.25	10.55	14.17	85.83	11.1	7.41	92.59	88.12	11.3	77.85	1.49	9.05	0.62	10.28	9.56	68.79					
90	<i>Megaselia scalaris</i>	mss	Metazoa	8.04092616350005	2.04092616350005	40097162	409.07	3.04	15.99	84.01	1.57	6.77	93.23	72.37	29.09	1.1	0.49	2.55	0.11	1.40	26.84	05.55					
91	<i>Ptychoptera flavescens</i>	pfl	Metazoa	8.07944577447793	2.07944577447793	3.09845458975983	3.09845458975983	1226698892	1226698892	44.77	33.22	66.38	3.6	10.07	89.93	63.29	39.24	14.68	25.38	0.33	21.46	30.67					
92	<i>Streblidae kowalevskii</i>	sko	Metazoa	8.8794695057006	2.8794695057006	757635829	757.64	36.99	34.95	60.55	2.33	7.21	97.93	48.48	38.72	69.34	5.25	11.4	0.14	25.01	55.06						
93	<i>Strongylocentrotus purpuratus</i>	spu	Metazoa	9.86205297519751	2.9620566943448	912564440	912.55	25.47	36.45	63.55	4.16	25.06	74.94	62.26	38.69	59.14	9.29	16.18	1.04	3.12	27.41	42.96					
94	<i>Branchiostoma floridae</i>	bfl	Metazoa	8.71758324014862	2.7175877965846	52191525	521.9	42.29	35.61	7.63	7.63	21.59	78.41	66.6	60.61	15.06	27.23	1.65	5.98	16.7	33.39						
95	<i>Oikopleura dioica</i>	odi	Metazoa	7.8480132166844	1.84800427149727	70471451	70.47	15.56	23.68	76.32	29.24	7.4	92.6	78.74	21.29	51.86	11.87	2.16	27.08	15.41	39.79						
96	<i>Ciona intestinalis</i>	cin	Metazoa	0.06150039209399	2.0614901766262	115212170	115.21	34.83	26.49	72.51	13.94	2.31	97.69	78.65	21.52	64.93	8.23	23.22	0.22	13.62	11.9	39.23					
97	<i>Ciona savignyi</i>	csg	Metazoa	8.2479824761862	2.24797326656181	177003750	177	27.43	29.55	70.45	7.8	5.51	94.49	65.84	34.25	58.47	8.11	19.32	0.43	7.37	25.63	39.14					
98	<i>Petromyzon marinus</i>	pma	Metazoa	9.84721355721605	2.9472130873964	885855098	885.55	13.01	42.29	57.71	1.41	7.51	92.49	64.41	35.48	63.1	5.5	7.51	0.11	1.31	29.99	55.59					
99	<i>Danio rerio</i>	dre	Metazoa	9.1499725453973	3.1499730286339	141244287	1412.45	42.14	56.4	43.6	3	21.79	78.21	44.07	43.31	41.72	23.77	18.37	0.65	2.35	31.51	23.34					
100	<i>Astyanax mexicanus</i>	amx	Metazoa	0.07600026056095	2.0760097362721	3.0759997267913	1191242572	119.12	40.88	27.56	72.44	3.23	4.67	95.33	73.82	26.24	70.73	11.27	29.61	0.15	3.08	14.77	41.12				
101	<i>Esox lucius</i>	eiu	Metazoa	9.8434024595763	2.94340254014417	877813913	87.81	40.06	27.93	72.07	4.84	5.19	94.81	69.41	30.73	64.82	11.19	28.87	0.25	4.58	19.16	35.95					
102	<i>Gadus morhua</i>	gmo	Metazoa	9.82018074123965	2.82018074123965	83214586	832.11	32.71	15.74	84.26	3.51	4.97	95.03	81.22	21.85	77.89	5.15	27.56	0.17	3.33	13.46	50.32					
103	<i>Tetraodon nigroviridis</i>	tni	Metazoa	8.5546124457934	2.55461028522616	35861074	358.6	24.93	7.61	92.39	8.37	3.4	96.6	91.08	8.88	82.99	1.9	23.03	0.28	8.08	6.74	59.96					
104	<i>Takifugu rubripes</i>	tru	Metazoa	0.5947190821421	2.594723494057	393296343	393.3	27.99	7.68	92.32	8.6	3.87	96.13	89.61	10.79	81.34	2.15	25.84	0.33	8.26	7.91	55.5					
105	<i>Gasterosteus aculeatus</i>	gac	Metazoa	9.664188367205909	2.664188367205909	461517706	461.52	31.24	12.05	87.95	7.06	5.38	94.62	84.03	16.49	77.35	3.76	27.48	0.38	6.68	11.83	49.87					
106	<i>Cynoglossus semialevis</i>	cys	Metazoa	8.6722667037576	2.67226415164053	470182763	470.18	41.35	10.67	89.83	8.12	2.72	97.28	89.33	10.41	81.44	4.41	36.94	0.22	7.9	6.03	44.49					
107	<i>Lamichthys crocea</i>	lcr	Metazoa	8.81183602814802	2.81183602814802	64839061	648.39	39.13	10.65	89.35	6	3.5	96.5	88.34	11.65	82.55	4.17	34.96	0.21	5.79	7.29	47.59					
108	<i>Oryzias latipes</i>	ola	Metazoa	9.39091715312721	2.93909071806363	868893502	8688.93	24.14	29.14	70.86	3.47	5.55	94.45	71.69	28.61	68.42	7.04	17.11	0.19	3.27	21.08	51.31					
109	<i>Xiphophorus maculatus</i>	xma	Metazoa	8.8631321445394	2.8631324221878	72679499	729.68	33.16	15.32	84.68	4.58	1.92	98.08	85.5	14.67	81	5.08	28.08	0.09	4.49	9.34	52.93					
110	<i>Notothonus corniceps</i>	nco	Metazoa	8.80386634517666	2.8038663428498	636595339	636.6	32.21	30.58	79.42	5.02	2.73	97.27	77.02	24.46	72.13	6.61	25.5	0.14	4.89	16.24	46.63					
111	<i>Oreochromis niloticus</i>	oni	Metazoa	8.96757519302411	2.96757519302411	32573884	325.73	30.98	30.88	91.41	8.09	6.05	90.59	81.22	15.21	78.99	5.15	36.75	0.37	4.55	3.67	47.55					
112	<i>Neampralogrus brachardii</i>	nab	Metazoa	8.25951260265574	2.25951260265574	352144111	352.14	28.66	28.76	97.54	1.75	5.54	94.46	70.07	29.62	68.42	7.47	21.36	0.1	1.65	22.36	49.93					
113	<i>Gavia gularis</i>	gag	Metazoa	9.4597252052655	2.4597342052655	288265219	288.26	20.23	22.28	77.72	0.73	12.18	87.82	72.73	27.66	4.51	15.72	0.09	0.64	22.67	56.37						
131	<i>Struthio camelus</i>	sci	Metazoa	0.08814672435507	2.08814672435507	1225025301	122.03	36.29	3.93	96.07	2.1	1.47	98.53	95.48	4.48	95.51	2.14	34.87	0.03	2.07	3.06	58.55					
132	<i>Tinamus guttatus</i>	tgt	Metazoa	0.01997014273124	2.01997014273124	310912738	310.91	31.35	10.67	92.93	1.07	0.94	98.48	94.87	4.81	92.56	1.1	27.67	0.04	2.31	4	64.88					
133	<i>Anas platyrhynchos</i>	api	Metazoa	0.04381																							

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169	<i>Bos taurus</i>	bta	Metazoa	9.42657728878788	3.42657794565957	2670405961	2670.41	25.07	38.52	61.48	1.21	7.93	92.07	54.16	45.92	53.04	9.66	15.41	0.1	1.11	36.09	37.63	
170	<i>Ovis aries</i>	oar	Metazoa	9.41011192526922	3.41011221175171	2571058304	2571.06	21.52	33.57	66.43	1.06	6.56	93.44	61.6	38.4	60.61	7.23	14.3	0.07	0.99	31.11	46.31	
171	<i>Capra hircus</i>	chi	Metazoa	9.42557955479163	3.42557986466675	2664278099	2664.28	23.66	33.38	66.62	1.15	6.14	93.86	61.51	38.95	60.43	7.9	15.76	0.07	1.08	30.52	44.66	
172	<i>Balaenoptera acutorostrata</i>	bac	Metazoa	9.3879049732993	3.38790391172638	2442893294	2442.89	21.9	31.97	68.03	1.22	3.57	96.43	64.62	35.52	63.44	7	14.9	0.04	1.18	28.34	48.54	
173	<i>Lipotes vexillifer</i>	lve	Metazoa	9.3854625103702	3.38546327245053	2429195737	2429.2	32.01	34.96	65.04	1.32	2.64	97.36	60.41	39.77	59.12	11.19	20.82	0.03	1.29	28.36	38.3	
174	<i>Orcinus orca</i>	oor	Metazoa	9.3752807490206	3.37527943633847	2372903489	2372.9	35.21	31.75	68.25	1.35	2.64	97.36	64.46	35.56	63.15	11.18	24.03	0.04	1.31	24.32	39.12	
175	<i>Canis familiaris</i>	cfa	Metazoa	9.38219003175996	3.38219000501023	2410960148	2410.96	30.47	32.26	67.74	1.37	5.16	94.84	63.66	32.78	62.37	9.83	20.64	0.07	1.3	26.44	41.73	
176	<i>Alliropoda melanoleuca</i>	aml	Metazoa	9.3616319426512	3.3616315252585	2299492210	2299.49	27.6	28.98	71.02	1.35	4.45	95.55	67.12	32.92	65.83	8	19.6	0.06	1.29	24.82	46.23	
177	<i>Panthera tigris</i>	pig	Metazoa	9.3785914174226	3.3785929053181	2391065193	2391.07	31.29	32.09	67.91	1.29	4.5	95.5	64.77	35.24	63.54	10.04	21.25	0.06	1.23	25.13	42.29	
178	<i>Felis catus</i>	fca	Metazoa	9.39014420569283	3.39014347577337	2455524127	2455.52	25.01	32.75	67.25	1.25	4.81	95.19	64.31	35.84	63.11	8.19	16.82	0.06	1.19	27.45	46.29	
179	<i>Oryctolagus cuniculus</i>	ocu	Metazoa	9.4373498849985	3.43734988493051	2737473256	2737.47	25.05	38.61	61.39	1.09	7.43	92.57	58.16	42.09	57.15	9.67	15.38	0.08	1.01	32.09	41.77	
180	<i>Ictidomys tridecemlineatus</i>	itr	Metazoa	9.39417031971967	3.39416964809934	2748393770	2748.39	19.81	26.89	73.11	1.16	5.81	94.19	68.8	31.37	67.7	5.33	14.49	0.07	1.1	25.81	53.22	
181	<i>Cavia porcellus</i>	cpr	Metazoa	9.4350793840449	3.43507938402347	2723202847	2723.2	21.56	29.52	70.48	1.09	5.45	94.55	60.5	40.47	59.47	6.37	15.2	0.08	1.03	33.08	44.27	
182	<i>Rattus norvegicus</i>	rno	Metazoa	9.4638456206994	3.4638452828905	2709682623	2709.68	23.11	30.43	69.57	1.17	10.49	89.51	63.88	36.13	62.84	7.03	16.08	0.12	1.05	28.96	46.75	
183	<i>Mus musculus</i>	mmu	Metazoa	9.4962717101207	3.49627169421225	2730367575	2730.36	32.33	67.67	87.64	1.31	12.56	95.45	65.63	43.37	55.46	9.25	19.36	0.16	1.15	33.96	50.12	
184	<i>Tupaia belangeri</i>	tch	Metazoa	9.45630935175991	3.45630935175991	2679935579	2679.93	12.95	30.95	60.25	1.04	89.06	57.93	42.25	50.52	7.84	17.75	0.02	0.88	37.05	49.17		
185	<i>Macacus mulatta</i>	mnx	Metazoa	9.4630936277945	3.4630936277945	2910103014	2910.1	23.83	18.69	81.11	0.9	2.75	95.77	22.56	77.89	4.5	19.33	0.02	0.88	16.7	58.56		
186	<i>Macacus mulatta</i>	mnx	Metazoa	9.4909611788083	3.49096134168944	3097163936	3097.16	27.16	38.49	61.51	1.04	5.97	94.03	58.65	43.72	57.67	10.45	16.7	0.06	0.98	30.84	40.96	
187	<i>Calithrix jacchus</i>	cja	Metazoa	9.4645323826335	3.4645325961016	2914958844	2914.96	26.81	38.23	61.77	1.15	5.46	94.54	58.06	42.26	56.97	11.01	17.8	0.06	1.29	30.87	39.17	
188	<i>Pongo abelii</i>	pon	Metazoa	9.5374104120886698	3.537409748726147	3474574897	3446.75	25.47	38.31	61.69	0.88	5.35	94.65	57.6	42.4	56.76	9.76	15.72	0.05	0.84	32.6	41.04	
189	<i>Gorilla gorilla</i>	ggo	Metazoa	9.4826796126078	3.4826796126078	3040666232	3040.66	26.72	32.23	62.77	1.07	6.04	92.06	58.67	41.32	57.67	8.96	16.77	0.06	1	21.31	40.89	
190	<i>Pan troglodytes</i>	pan	Metazoa	9.5197704386446	3.5197704386446	3309516368	3309.51	25.56	39.83	60.17	0.91	7.83	92.17	59.01	41.31	58.17	10.18	15.38	0.07	0.84	30.74	42.79	
191	<i>Homo sapiens</i>	hsa	Metazoa	9.49161231527598	3.49161231527598	3101178670	3101.19	31.67	41.63	58.37	1.12	8.48	91.52	56.34	43.65	55.31	13.18	18.48	0.1	1.03	30.38	36.83	
192	<i>Pyropia yezoensis</i>	pye	Protist	7.63832911575348	1.63828953541426	43483963	43.48	10.2	14.54	85.46	7.57	15.86	84.14	78.92	24.92	72.55	0.15	0.88	1.2	6.37	19.73	71.67	
193	<i>Chondrus crispus</i>	ccr	Protist	8.0203266671956	2.020326824771	104080334	104.08	0.47	35.97	64.03	9.7	18.4	81.6	31.19	71.67	23.26	0.17	0.3	1.78	7.91	66.86	22.97	
194	<i>Galdieria sulphuraria</i>	gsu	Protist	7.13710093126944	1.1370374578951	13712004	13.71	5.25	5.51	94.49	61.21	7.04	92.96	86.15	29.25	0.29	4.96	4.31	56.91	9.25	24.29	24.29	
195	<i>Cyanidioschyzon merolae</i>	cme	Protist	7.21879799117111	1.21879799117111	16546747	16.55	0.04	1.27	98.73	44.32	2.98	97.02	74.35	25.74	31.35	0	0.04	1.32	43	31.31	31.31	
196	<i>Microstroma pusilla</i>	mpu	Viridiplantae	7.34134637069988	1.34134637069988	21945545	21.95	8.35	60.2	39.8	5.42	95.57	88.88	82.55	16.09	24.27	5.03	3.33	7.29	58.28	5.13	20.94	
197	<i>Microstroma C299</i>	mic	Viridiplantae	7.32199849239302	1.32199849239302	20989326	20.99	4.17	7.83	92.17	69.7	4.97	95.03	93.95	6.03	27.72	0.33	3.84	3.47	66.23	2.26	23.88	
198	<i>Bathyphycus prasinus</i>	bpr	Viridiplantae	7.17627871781963	1.1763080224327	15006274	15.01	1.52	7.37	92.63	82.11	6.34	93.66	92.59	7.23	15.68	0.11	1.41	5.21	76.91	2.1	44.27	
199	<i>Ostreococcus sp</i>	osp	Viridiplantae	7.1230540901709	1.1238514096709	13296292	13.3	4.06	14.44	85.56	71.87	4.59	95.41	92.4	7.35	23.83	0.59	3.47	3.3	68.57	3.71	20.36	
200	<i>Chlamydomonas reinhardtii</i>	cre	Viridiplantae	8.0451658389636	2.0451658389636	204516408987	2045.16	21.05	32.05	80.39	35.23	17.48	82.52	77.35	22.49	48.27	6.24	25.57	6.16	29.08	10.25	22.77	
201	<i>Volvox carteri</i>	vco	Viridiplantae	8.1178120400693	2.11781074097733	13116321	131.16	26.16	65.1	83.49	18.09	10.61	89.39	72.72	27.3	56.55	4.73	23.91	1.92	16.17	20.63	32.64	
202	<i>Chlorella variabilis</i>	cva	Viridiplantae	7.664265800112094	1.664265800112094	46159518	46.16	31.53	14.06	85.94	28.98	9.6	90.4	87.34	12.7	61.14	4.43	27.09	2.78	26.2	5.45	34.04	
203	<i>Helicosporidium sp</i>	hel	Viridiplantae	7.09253079411688	1.09253079411688	21372830	12.37	9.95	2.94	97.06	40.03	4.8	95.2	94.82	2.8	56.71	0.29	1.92	38.11	47.05	2.05	24.05	
204	<i>Coccymene subelliptica</i>	cce	Viridiplantae	7.687140321847202	1.687140321847202	2866740227002	2866740227002	1.74	1.74	1.74	97.06	40.03	4.8	95.2	94.82	2.8	56.71	0.29	1.92	38.11	47.05		
205	<i>Asterochloris sp</i>	asp	Viridiplantae	7.7493074533214	1.7493074533214	2047049223	2047.04	15.43	51.63	95.14	60.4	43.65	94.65	65.02	34.95	54.86	1.67	3.46	8.53	49.53	3.34	33.34	
206	<i>Physcomitrium heterocystica</i>	phc	Viridiplantae	7.91211901637320	1.91211901637320	21517963	21.51	16.03	8.94	89.04	9.79	14.1	95.4	60.67	49.37	42.26	0.85	3.46	8.46	49.53	3.34	33.34	
207	<i>Selaginella moellendorffii</i>	smt	Viridiplantae	10.3534291390404	2.3534291787272	2556476199	2556476199	6.0	6.0	6.0	97.03	4.7	10.01	98.03	63.01	81.19	17.61	1.01	0.07	0.000846	17.92	16.94	
208	<i>Utricularia taeniata</i>	utn	Viridiplantae	9.48900726569956	2.48900726569956	70632364	7063.23	17.82	35.95	64.05	3.64	10.05	89.95	41.7	59	38.43	6.41	11.41	0.37	3.28	51.52	27.02	
209	<i>Amberobila trichopoda</i>	atr	Viridiplantae	9.48900726569956	2.48900726569956	7063236407	7063236407	145199413	145.2	30.77	11.07	88.93	14.97	12.07	87.93	61.83	31.31	18.7	68.03	3.41	40.67		
210	<i>Spinordula polyrhiza</i>	spi	Viridiplantae	9.16196633648634	2.16196633648634	145199413	145.2	30.77	11.07	88.93	14.97	12.07	87.93	61.83	31.31	18.7	68.03	3.41	40.67	13.6	40.67		
211	<i>Phalaenopsis equestris</i>	peq	Viridiplantae	9.03591313310991	2.03591313310991	3059137697	3059137697	1086.21	22.47	2.12													

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262	<i>Cicer arietinum</i>	car	Viridiplantae	8.72614800701619	2.72614803726685	532289632	532.29	9.93	24.95	75.05	6.19	20.57	79.43	50.08	51.48	45.16	2.48	7.45	1.27	4.92	46.17	37.71			
263	<i>Cajanus cajan</i>	cca	Viridiplantae	8.78231531586166	2.7823149308767996	605780537	605.78	10.98	28.06	71.94	7.68	37.69	62.31	51.16	51.56	46.38	3.08	7.9	2.89	4.79	42.86	39.48			
264	<i>Glycine max</i>	gma	Viridiplantae	9.98826652586459	2.988264551733831	973344380	973.34	11.04	14.59	85.41	6.62	8.71	91.29	54.48	45.54	48.44	1.61	9.43	0.58	6.04	43.33	39.01			
265	<i>Phaseolus vulgaris</i>	pvu	Viridiplantae	8.71690190244683	2.7169044047299	521076998	521.08	10.29	13.44	86.56	6.65	11.82	88.18	52.35	47.75	46.48	1.38	8.91	0.79	5.87	45.48	37.57			
266	<i>Citrullus lanatus</i>	cla	Viridiplantae	8.55053093130566	2.550534068695951	355247419	355.25	10.89	14.44	85.56	7.32	6.92	93.08	60.2	39.78	53.39	1.57	9.32	0.51	6.81	37.72	44.07			
267	<i>Cucumis melo</i>	cml	Viridiplantae	8.57459295436864	2.57459837542102	375485313	375.49	10.45	17.21	82.79	6.94	9.83	90.17	59.76	42.07	53.51	1.8	8.65	0.68	6.26	37.76	44.86			
268	<i>Cucumis sativus</i>	csa	Viridiplantae	8.30762014496461	2.30762438184812	203058019	203.06	19.76	12.55	87.45	12.64	5.71	94.29	82.32	17.74	70.4	2.48	17.28	0.72	11.92	14.48	53.12			
269	<i>Fragaria vesca</i>	fve	Viridiplantae	8.31573682527476	2.31573949960834	206888726	206.89	26.51	22.62	77.38	18.81	13.96	86.04	70.66	29.28	54.48	6	20.51	2.63	16.18	20.72	33.96			
270	<i>Prunus mume</i>	pmu	Viridiplantae	8.37511629216267	2.3751146849222	237201062	237.2	17.68	19.87	80.13	15.09	24.25	75.75	63.34	37.7	51.91	3.51	14.16	3.66	11.43	29.48	37.75			
271	<i>Prunus persica</i>	ppe	Viridiplantae	8.35650791622422	2.356503891894	22725108	227.25	14.82	13.71	86.29	14.89	22.81	77.19	56.26	43.76	44.76	2.03	12.78	3.4	11.5	38.31	31.98			
272	<i>Malus domestica</i>	mdo	Viridiplantae	8.7848116795705	2.09134014010	6091310401	609.31	11.94	33.76	66.24	10.1	33.46	65.64	65.66	34.33	58.94	4.03	7.91	3.38	6.72	26.93	51.03			
273	<i>Pyrus bretschneideri</i>	pyb	Viridiplantae	8.70669321603194	2.70669218465812	50891572	508.97	11.89	22.74	77.26	9.75	21	79	46.16	54.03	38.46	2.7	9.19	2.05	7.7	49.09	29.27			
274	<i>Trypanosoma brucei</i>	tbr	Prost.	7.411437634494	1.41145134213794	25789186	25.79	0.01	3.95	96.05	50.97	7.68	92.34	84.13	15.88	37.07	0	0.01	3.91	47.07	11.96	37.06			
275	<i>Trypanosoma vivax</i>	tvi	Prost.	7.67671326311619	1.6767136962487	47504115	47.5	0.68	0.17	99.83	32.48	26.27	73.73	58.25	41.27	34.3	0	0.68	8.53	23.95	33.22				
276	<i>Leishmania major</i>	lma	Prost.	7.570520034342	1.50048355740709	33155000	33.15	0.02	20.45	79.55	48.06	5.53	94.47	87.65	12.32	42.25	0	0.01	2.66	45.4	9.68	42.24			
277	<i>Naegleria gruberi</i>	ngr	Prost.	8.14032568544644	1.61280952325977	40644085	40.65	5.35	8.27	91.73	79.8	10.09	93.04	56.25	37.34	59.24	0.44	4.91	53.34	3.54	94.33				
278	<i>Trichomonas vaginalis</i>	tv	Prost.	8.24652585849095	2.24652310996657	176410999	176.41	0.01	55.9	44.1	47.65	57.62	42.38	50.65	43.43	0	0	5.57	20.26	21.72	30.42				
279	<i>Giardia intestinalis</i>	gi	Prost.	7.041451632951	1.0413926518523	11011523	11	0	100	74.52	2.03	97.97	91.4	10.46	18.4	0	0	1.52	7.3	7.08	18.4				
280	<i>Sporozoites salmonicida</i>	sal	Prost.	7.11242605494879	1.11269768147213	12954588	12.95	0	0	100	71.81	13.62	86.38	83.63	16.25	21.61	0	0	9.78	62.02	7.74	27.79			
281	<i>Anthonomus castellani</i>	aca	Prost.	7.6234452903169	1.6234460486993	42018284	42.02	24.89	18.43	81.57	50.35	8.01	91.99	88.95	10.81	42.63	4.59	20.3	4.04	46.32	2.43	22.31			
282	<i>Polyphondylium pallidum</i>	pla	Prost.	7.5175698961618	1.36097188273289	3294523	32.94	17.24	31.6	68.4	54.48	14.95	85.05	77.7	22.13	33.37	2.63	5.68	8.15	46.32	11.53	26.68			
283	<i>Dicytostelium fasciculatum</i>	dfa	Prost.	7.4781307496628	1.6161711055434	31019208	31.02	15	52.1	47.9	61.71	20.11	79.89	70.19	29.48	20.89	3.25	2.98	12.41	49.3	14.16	17.9			
284	<i>Dicytostelium purpureum</i>	dpu	Prost.	7.5180861070403	1.5772354938373	32967507	32.97	8.31	15.53	84.47	46.72	13.02	86.98	80.21	21.92	39.58	0.19	1.02	6.08	40.64	13.52	38.55			
285	<i>Dicytostelium discoideum</i>	ddi	Prost.	7.53071514535565	1.4916419347759	33943072	33.94	6.23	26.14	73.86	38.09	21	79	61.9	38.85	31.81	0.38	1.07	8	30.09	29.72	30.74			
286	<i>Entamoeba dispar</i>	edi	Prost.	7.3608628206281	1.365082722626	22955291	22.96	1.21	20.62	79.38	58.21	88.17	83.34	16.55	33.18	3.55	13.68	8.05	50.16	5.05	19.5				
287	<i>Entamoeba invadens</i>	ein	Prost.	7.7161604412251	1.5307117398166	4088805	40.89	1.44	24.94	75.06	65.55	13.42	86.58	83.14	16.63	26.38	3.74	11.26	8.79	56.76	4.32	15.12			
288	<i>Guillardia theta</i>	gth	Prost.	7.94016379004222	1.043172157242	87159015	87.16	15.94	21.3	78.7	9.47	91.74	92.6	14.46	15.59	5.45	12.54	2.89	32.11	9.25	39.81				
289	<i>Emilialea huxleyi</i>	ehu	Prost.	8.22461074697834	1.67727705	16772705	167.73	11.8	37.72	62.28	10.13	88.97	88.05	11.91	46.07	1.89	12.12	4.73	15.86	30.9	36.65				
290	<i>Reticulomyia filosa</i>	ref	Prost.	0.00803370815297	2.008046051583	101867405	101.87	5.02	25.44	74.56	37.48	23.56	76.44	62.82	45.95	1.28	8.83	28.65	15.29	42.21					
291	<i>Bigelowella natans</i>	bna	Prost.	9.7633512941993	1.976349977090327	94701163	94.7	32.05	17.83	82.17	30.42	5.61	94.39	86.94	12.88	58.22	5.71	26.34	1.71	28.71	5.64	31.89			
292	<i>Plasmiodiophora brassicae</i>	pbl	Prost.	7.38112999634375	1.3811150807085	24050826	24.05	8.66	1.96	98.04	54.37	9.67	92.46	7.62	40.22	0.17	8.49	2.14	52.24	31.73					
293	<i>Oxytricha trifallax</i>	otx	Prost.	7.82711938916085	1.8271753482969	67172481	67.17	5.99	15.84	84.16	71.58	15.25	84.75	83.79	16.18	23.13	0.95	5.04	10.92	60.67	4.34	18.08			
294	<i>Styloynchia lemnacea</i>	sle	Prost.	7.7003967836351	1.700375282266	50164522	50.16	5.4	4.9	95.1	71.37	3.64	96.36	94.68	4.3	25.91	0.26	5.14	6.88	68.78	2.45	20.77			
295	<i>Paramecium tetraureum</i>	ptm	Prost.	7.85790239322597	1.8578750252355	27094543	72.09	3.14	5.18	94.82	74.96	6.66	93.34	93.18	6.4	23.22	0.16	8.05	50.16	19.5					
296	<i>Ichthyophthirus multifiliis</i>	ich	Prost.	7.67950974476846	1.67950974476846	2178797	21.97	1.24	1.24	97.19	92.05	1.24	97.19	92.05	1.24	1.24	0.16	1.24	0.56	69.96	1.66	1.66			
297	<i>Tetrahymena thermophila</i>	tet	Prost.	8.0128819361372	1.80128819361372	10301437	103.01	14.01	13.46	86.54	46.71	4.03	94.54	95.41	69.78	30.33	0.6	4.16	5.03	29.43	4.59	33.95			
298	<i>Symbiodinium minutum</i>	sym	Prost.	7.8485694520092	1.7845694520092	60947485	60.94	4.76	1.14	98.11	91.77	0.21	97.97	92.32	1.17	1.17	0.1	1.25	1.23	22.29					
299	<i>Perkinsus marinus</i>	pmk	Prost.	7.9374533171173	1.9374533171173	19374533	19.37	1.24	1.24	98.04	92.86	0.25	97.95	92.26	2.69	23.57	1.23	1.23	1.23	2.29					
300	<i>Thalassiosira brassicifolia</i>	tb	Prost.	7.9612244493715	1.9612244493715	19384525	9.25	1.73	1.73	92.87	87.05	1.65	92.87	87.05	1.65	1.65	0.25	1.23	1.23	2.29					
301	<i>Cryptosporidium parvum</i>	cpr	Prost.	6.6595152920901	1.659514932321094	9102324	9.01	0.22	5.07	94.93	74.57	2.03	97.97	96.79	3.15	23.34	0.01	1.21	1.53	73.45	1.68	23.13			
302	<i>Neospora caninum</i>	ncn	Prost.	7.717609161904095	1.71758740882611	50103102	50.1	27.99	6.21	93.79	30.76	3.08	96.92	94.94	5.06	65.12	0.95	2.98	2.98	20.81	3.87				
303	<i>Toxoplasma gondii</i>	tgo	Prost.	7.80420763569524	1.80420760506204	63710166	63.71	30.44	7.88	99.22	31.2	2.51	97.49	92.97	7.18	62.56	0.95	2.88	3.45	43.42	1.64				
304	<i>Gregarina niphandrodes</i>	gni	Prost.	7.1644093535894	1.6164093535894	10409070	14.01	2.89	6.79	93.21	62.57	7.01	92.												

Genome-wide features GENOME CONTENTS with ASSAMBLLED genome size																						
355	<i>Sebacina vermifera</i>	sve	Fungi	7.58085933639459	1.58081097266095	38094242	38.09	11.7	13.66	86.34	49.42	14.57	85.63	14.18	43.41	1.6	10.1	7.2	42.22	5.57	33.31	
356	<i>Botryobasidium botryosum</i>	bob	Fungi	7.66907800871864	1.66903780088516	46674321	46.67	11.55	9.03	90.97	41.35	9.43	90.57	83.58	16.56	46.14	1.04	10.51	3.9	37.45	11.47	35.38
357	<i>Tulasnella calospora</i>	tuc	Fungi	7.79513487960698	1.79511498563036	62392858	62.39	10.83	13.66	86.34	32.2	18.06	81.94	83.12	15.86	56.73	1.48	9.35	5.81	26.38	9.59	47.38
358	<i>Auricularia delicata</i>	ade	Fungi	7.8745989454472	1.8745977687032	74920203	74.92	10.74	11.25	88.75	36.37	8.74	91.26	86.66	13.49	53.47	1.21	9.53	3.18	33.19	8.95	43.94
359	<i>Sphaerobolus stellatus</i>	sst	Fungi	8.24643002628522	2.2464247190674	176372157	176.37	6.88	31.13	68.87	18.51	30.28	69.72	70.32	29.76	57.42	2.14	4.74	5.61	12.91	21.93	52.68
360	<i>Fomitiporia mediterranea</i>	fme	Fungi	7.80177691937175	1.80174661921946	63354420	63.35	6.9	12.03	87.97	22.91	7.54	92.46	61.96	42.93	40.78	0.83	6.07	1.73	21.18	35.48	34.71
361	<i>Phanerochaete cariosa</i>	pca	Fungi	7.66551865373553	1.665547818078281	46293355	46.29	8.6	12.94	87.06	34.6	12.19	87.81	82.22	18.93	51.84	1.11	7.49	4.22	30.38	12.45	44.35
362	<i>Phlebia brevispora</i>	pbr	Fungi	7.69865499187466	1.698622497021	49963746	49.96	11.18	9.23	90.77	38.77	9.95	90.05	87.48	12.55	52.57	1.03	10.15	3.86	34.91	7.63	42.42
363	<i>Punctularia strigosozonata</i>	pst	Fungi	7.53366913949766	1.53364497879876	34171901	34.17	11.57	4.05	95.95	44.5	5.39	94.61	92	8.1	49.9	0.47	11.1	2.4	42.1	5.13	38.8
364	<i>Gloeophyllum trabeum</i>	gt	Fungi	7.5703306557663	1.5703098543588	37181821	37.18	11.3	4.18	95.82	40.14	3.75	96.25	89.47	11.15	50.83	0.47	10.83	1.5	38.64	8.55	40
365	<i>Phlebiopsis gigantea</i>	pgi	Fungi	7.47914324797861	30143925	30.14	0.6	99.4	48.59	0.84	99.16	98.83	1.16	50.65	0.07	12.46	0.41	48.18	0.68	38.19	0.68	38.19
366	<i>Eijkerkandera adusta</i>	bad	Fungi	7.6307328921871	42730300	42.73	10.84	5.44	94.56	44.05	5.41	94.59	91.31	8.95	49.64	0.59	10.25	2.38	41.67	5.71	39.39	
367	<i>Ceriporiopsis subvermispora</i>	ces	Fungi	7.5907283552314	1.59070340579269	38969816	38.97	10.98	5.01	94.99	7.92	6.18	93.84	92.84	7.5	55.56	0.55	10.43	2.45	37.27	4.17	45.14
368	<i>Postia placenta</i>	ppl	Fungi	7.59869339896335	1.59867019872808	50097236	90.93	11.76	19.97	80.03	25.95	22.08	77.92	77.99	2.35	9.41	5.73	20.22	13.93	48.36		
369	<i>Wolffia cocos</i>	wco	Fungi	7.70311936008	1.70311936008	50097236	50.48	10.92	20.02	76.38	30.92	10.33	89.67	69.23	31.29	4.11	2.37	8.48	3.19	27.72	25.21	33.02
370	<i>Tomitopis pinicola</i>	tpi	Fungi	7.65104319900000	1.65104319900000	415114358	41.51	11.98	6.54	93.46	40.49	6.18	93.81	97	9.22	7.78	0.79	11.2	2.51	37.98	5.84	41.58
371	<i>Trichaptum biforme</i>	tve	Fungi	7.6512192322628	1.651160244469	44794000	44.79	11.84	5.01	94.99	40.31	5.74	92.35	92.35	0.69	11.25	0.11	3.74		4.11		
372	<i>Ganoderma sp.</i>	gan	Fungi	7.59668421021912	1.59681693591559	39522535	39.52	12.29	2.92	97.08	41.8	4.77	95.23	93.73	6.43	53.33	0.36	11.93	1.99	39.8	3.92	42
373	<i>Dichomitus aquilonius</i>	dqa	Fungi	7.6309201602497	1.630931106941	42748430	42.75	10.92	5.74	94.26	36.08	5.84	94.16	88.96	11.84	54.99	0.63	10.29	2.11	33.97	8.3	44.7
374	<i>Heterobasidion annosum</i>	han	Fungi	7.52698462463456	1.52698056854	33649697	33.65	12.17	11.22	88.78	45.16	12.15	87.85	80.22	19.75	40.55	1.48	13.69	5.49	39.67	12.81	28.06
375	<i>Stereum hirsutum</i>	shi	Fungi	6.76756149426632	1.66756149426632	46511623	46.51	12.74	3.66	96.34	41.46	3.13	96.87	93.97	6.08	62.8	0.5	12.24	1.3	40.16	4.23	40.57
376	<i>Piloderma croceum</i>	por	Fungi	7.77325140691059	1.77325140691059	59326866	59.33	9.45	11.76	88.24	36.14	11.58	88.42	79.98	20.11	48.03	1.11	8.34	4.19	31.96	14.72	39.69
377	<i>Jaapia argillacea</i>	jar	Fungi	7.6536654515623	1.65366479531508	45045919	45.05	10.88	8.88	91.62	43	7.91	92.09	85.93	14.24	46.33	0.91	9.97	3.4	39.36		
378	<i>Platycyphella crispa</i>	pic	Fungi	7.53779761215408	1.53781909507327	34488416	34.5	12.46	6.14	93.86	48.53	3.57	96.43	91.85	8.29	45.05	0.76	11.69	1.73	46.79	5.66	33.36
379	<i>Amanita muscaria</i>	amu	Fungi	7.60959183756762	1.60959183756762	40669759	40.7	10.34	16.57	83.43	43.8	19.96	80.04	79.89	20.54	44.83	1.71	8.63	8.74	35.06	9.66	36.2
380	<i>Pleurotus ostreatus</i>	pos	Fungi	7.53583289309108	1.53580209290249	34343005	34.34	12.22	8.08	91.92	44.79	6.43	93.57	89.1	10.87	47.19	1.07	12.15	2.88	41.91	6.95	35.04
381	<i>Schizophyllum commune</i>	scm	Fungi	7.5852579266433	1.58525633636758	38482026	38.48	12.23	6.59	93.41	45.77	5.19	94.81	91.59	8.35	48.2	0.81	11.42	2.37	43.4	5.23	36.78
382	<i>Gymnopilus luxurians</i>	glu	Fungi	7.81231947497473	1.81231947497473	62816180	66.28	10.68	19.28	80.72	36.32	14.78	85.22	75.93	24.19	44.98	2.06	8.62	5.37	30.95	16.64	36.36
383	<i>Agaricus bisporus</i>	abb	Fungi	7.48049194579174	1.480481717728	30237445	30.23	11.45	9.22	90.78	44.05	8.56	91.44	86.21	13.84	45.93	1.06	10.39	3.77	40.28	8.96	35.54
384	<i>Laccaria bicolor</i>	lbc	Fungi	7.81209731484203	1.812100412031	64677444	64.88	12.02	35.85	64.15	34.94	28.46	71.54	62.57	37.69	43.31	7.71	9.95	24.09	23.18		
385	<i>Coprinopsis cinerea</i>	cci	Fungi	7.55811007056956	1.55810830163055	36150142	36.15	12.11	2.63	97.37	51.08	3.23	96.77	92.33	7.85	42.9	0.32	11.8	1.65	49.43	5.7	31.11
386	<i>Hebeloma cylindrosporum</i>	hcy	Fungi	7.57527612156212	1.575303334224	37670686	37.61	11.19	4.67	95.33	48.99	5.59	94.41	92.43	7.62	46.19	0.52	10.67	2.74	46.25	4.3	35.52
387	<i>Galerina marginata</i>	gam	Fungi	7.77393264746720	1.77393264746720	59418919	59.42	10.87	9.36	90.64	41.54	9.88	90.14	87.1	12.96	49.66	1.02	9.85	4.09	37.44	7.79	39.81
388	<i>Hypolemma subtileratum</i>	hsu	Fungi	7.67152898871562	1.67152898871562	46931804	48.03	11.11	6.24	93.76	43.25	7.16	92.84	90.87	9.03	50.72	0.69	10.4	3.1	40.15	5.34	40.32
389	<i>Coniocephala putena</i>	cpu	Fungi	7.63316530745746	1.63316530745746	42965844	42.97	10.92	5.74	94.26	42.97	4.01	95.99	93.09	7.03	52.77	0.55	11.36	1.68	40.32	4.68	41.41
390	<i>Septula lacrymans</i>	sia	Fungi	7.63072070935127	1.63072070935127	40250981	40.25	10.73	9.93	84.37	33.16	9.68	90.32	87.36	32.7	37.41	1.55	2.21	29.95	27.88		
391	<i>Hydnomyces pinastri</i>	hpi	Fungi	7.57825926812277	1.57825926812277	53031533	53.03	12.23	2.79	97.74	58.53	4.96	98.96	97.74	1.71	25.36	0.07	32.07	2.74	29.22		
392	<i>Padusia rubiginosa</i>	pru	Fungi	7.74930239248313	1.74930239248313	56144862	56.14	8.96	31.19	68.81	33.86	2.78	77.78	77.15	2.63	43.39	0.78	10.74	2.11	28.99	2.68	39.89
393	<i>Scleteropodium ciliatum</i>	pm	Fungi	7.72450249842313	1.72451271156215	32375657	53.03	10.92	3.77	70.3	35.51	31.75	60.65	57.67	4.65	34.8	2.63	6.22	10.64	22.87	29.00	
394	<i>Pholiota microspora</i>	pmi	Fungi	7.78130430423266	1.78131952645675	71007534	71.01	7.86	36.89	63.11	27.81	35.34	64.66	50.72	49.55	32.74	2.9	9.83	35.55	17.98	35.55	
395	<i>Pisolithus tinctorius</i>	pit	Fungi	7.15033250628119	1.15040946049608	41431636	14.14	4.16	2.47	97.53	63.16	3.49	96.11	96.49	3.49	34.52	0.1	4.06	1.19	61.97	3.21	30.46
397	<i>Schizosaccharomyces pombe</i>	spo	Fungi	7.10072817145161	1.1007150657308	12611948	12.61	3.18	2.79	97.21	56.69	2.11	97.89	95.15	4.82	39.65	0.09	3.09	1.2	55.49	3.57	36.56
398	<i>Lipomyces starkeyi</i>	lst	Fungi	7.32772070935198	1.3175157630575	21676079	21.27	4.61	5.74	94.26	42.46	4.77	94.37	98.88	11.54	44.22	0.26	4.34	2.65	44.36	8.51	39.88
399	<i>Yarrowia lipolytica</i>	yli	Fungi	7.31187002339744	1.039877747744	10239948	20.5	1.71	1.85	98.15	45.93	4.05	95.95	94.8	5.08	50.73	0.02	1.15	1.86	44.07	3.31	49.58
400	<i>Nodulis</i>																					

