

Table SMO. Descriptors of genome-wide features for genome contents calculated with the estimated 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 ESTIMATED GENOME SIZE (obtained from literature)																									
Order	All	Species_Name	Abbrev_Name	Kingdom	Log_Genome_Size_nts	Log_Genome_Size_mbs	Genome_Size_nts	Genome_Size_mbs	Intron_Genome_%	Repeats_Introns_%	Non_Repetitive_Introns_Content_%	Exon_Genome_%	Repeats_Exons_%	Non_Exon_Exons_%	Non_Repetitive_Genome_%	Genome_Repeats_%	Non_Repetitive_DNA_nc_%	Genome_Introns_%	Non_Repetitive_Introns_%	Genome_Repeats_Exons_%	Genome_Non_Repetitive_Exons_%	Genome_Repeats_Intergenic_%	Genome_Non_Repetitive_Intergenic_%		
1	<i>Thecamonas trahens</i>	tht	Prost	7.457579147	1.457579147	206300000	28.68	6.07	18.38	81.62	74.62	5.65	94.35	90.99	9.1	23.43	1.12	4.95	4.04	67.57	3.85	18.49			
2	<i>Sphaeriforma arctica</i>	sar	Prost	8.064897658	2.064897658	121500000	121.59	21.5	9.47	90.53	13.37	5.08	94.91	84.37	17.08	71.68	2.04	19.46	0.68	12.69	12.91	52.22			
3	<i>Scyphacis marzaki</i>	cov	Prost	7.447158031	1.447158031	200000000	26	10.89	16.16	83.84	50.43	10.55	89.45	85.24	14.83	32.1	2.05	5.18	52.25	17.89	52.25				
4	<i>Spiniposa rosea</i>	sro	Prost	7.740362689	1.740362689	550000000	55	30.16	42.45	57.55	42.15	10.06	84.94	72.76	26.43	16.62	22.53	6.35	35.86	4.45	14.84				
5	<i>Monosiga brevicollis</i>	mbr	Prost	7.61909331	1.61909331	416000000	41.6	24.5	6.78	93.22	39.74	6.97	93.03	90.33	9.77	53.38	1.66	22.84	2.76	36.97	5.25	30.57			
6	<i>Mnemiopsis leidyi</i>	mie	Metazoa	8.48170549	2.48170549	301800000	303.18	20.25	17.6	82.4	7.32	5.57	94.43	78.61	22.47	65.16	3.57	16.69	0.41	6.91	13.67	32.7			
7	<i>Ampimedon queenslandica</i>	aqu	Metazoa	2.221882516168	2.2217164711758	166679601	167	19.23	40	60	20.57	34.81	65.19	62.09	39.28	48.68	7.69	11.54	7.16	13.41	22.06	37.34			
8	<i>Trichoplax adhaerens</i>	tad	Metazoa	7.592398846	1.592398846	39120000	39.12	61.4	3.45	96.55	40.11	2.84	97.16	93.54	6.36	79.11	2.12	59.28	1.12	38.96	5.26	57.15			
9	<i>Acropora digitifera</i>	adi	Metazoa	8.62324930397	2.62324930397	420000000	420	25.26	28.13	71.87	7.51	25.1	74.9	65.59	33.09	59.96	7.11	18.16	1.89	5.63	24	42.6			
10	<i>Nematostella vectensis</i>	nve	Metazoa	8.250266691	2.352026691	224940000	224.94	40.49	32.36	67.64	12.02	12.69	87.31	66.36	34.36	59.75	13.11	27.39	1.52	10.49	24.41	42.47			
11	<i>Hydra magnipapillata</i>	hma	Metazoa	9.021189299	3.021189299	105000000	1050	16.97	53.7	46.3	2.92	35.75	64.25	38.8	62.51	9.12	7.86	1.05	1.88	48.68	26.8				
12	<i>Thelohannelus kitaei</i>	tki	Metazoa	7.2573135454181	2.2573135454181	188500000	188.5	4.13	27.46	72.54	5.73	29.07	70.93	58.77	21.08	54.71	1.14	2.99	1.67	4.06	22.8	64.84			
13	<i>Adineta vaga</i>	ava	Metazoa	3.886278863	3.288278863	244500000	244.5	8.21	10.14	89.86	23.27	15.78	84.22	82.99	16.99	61.02	0.83	7.37	1.96	11.96	52.75				
14	<i>Cloncrisis sinensis</i>	cls	Metazoa	8.808858657	2.808858657	644000000	644	34.14	25.48	74.52	3.37	15.15	84.85	71.43	28.79	68	8.7	25.44	0.51	2.86	17.52	37.47			
15	<i>Schistosoma mansoni</i>	sma	Metazoa	4.805312203	2.405312203	254280000	254.28	44.02	55.98	5.11	5.33	94.67	51.4	48.84	20.12	25.59	0.27	4.84	34.38	30.17					
16	<i>Helobdella robusta</i>	hra	Metazoa	8.584641356	2.546641356	352080000	352.08	17.39	37.35	62.65	7.5	17.3	82.7	65.64	34.37	56.36	10.89	1.3	6.2	22.71	40.07				
17	<i>Capitella teleta</i>	cte	Metazoa	8.5105450	2.5105450	324000000	324	15.35	26.4	73.6	10.67	17.54	82.46	69.11	32.44	60.57	4.05	1.13	1.87	8.79	25.14	49.6			
18	<i>Octopus bimaculoides</i>	oct	Metazoa	9.431363741589	3.431363741589	700000000	2700	11.49	46.04	53.96	1.08	16.48	83.52	49.61	37.65	48.70	5.29	6.20	0.18	0.90	36.41	49.08			
19	<i>Pinctada fucata</i>	pfl	Metazoa	9.0606978405361	3.0606978405361	115000000	1150	22.16	40.98	59.02	3.90	26.47	73.53	38.46	32.80	35.59	9.08	13.08	1.03	2.87	31.49	31.78			
20	<i>Crassostrea gigas</i>	cgi	Metazoa	8.804139432	2.804139432	637000000	637	27.07	32	68	5.49	9.6	90.4	65.71	34.56	60.04	8.66	18.41	0.53	4.97	23.79	39.01			
21	<i>Biomphalaria glabrata</i>	bgl	Metazoa	8.96562426	2.96562426	929100000	929.1	12.3	38.83	61.17	1.59	10.41	89.59	58.78	44.36	57.34	4.78	7.52	0.17	1.42	49.71	49.71			
22	<i>Lottia gigantea</i>	lgi	Metazoa	8.2363073	2.2363073	402540000	402.54	21.41	24.4	75.62	6.44	11.21	88.68	71.22	21.72	5.23	17.22	0.72	5.72	14.54	53.22				
23	<i>Ascidia mediterranea</i>	asm	Metazoa	7.8652368	3.0652368	713000000	713	16.95	16.12	82.08	21.15	29.06	82.64	79.35	23.32	50.74	1.03	16.59	3.67	17.48	31.49				
24	<i>Prionitis pacificus</i>	ppr	Metazoa	8.2207877	2.2207877	166260000	166.26	27.98	16.52	83.48	15.14	8.22	81.78	83.51	16.95	6.99	4.63	23.36	1.25	13.9	47.02				
25	<i>Caenorhabditis elegans</i>	cel	Metazoa	7.96862646	1.96862646	920100000	92.01	33.51	23.42	76.58	27.34	3.94	96.06	83.37	16.6	7.85	25.66	1.08	26.26	8.37	35.25				
26	<i>Strongyloides ratti</i>	srt	Metazoa	9.4375452151928	3.4375446179749	2738704917	43.15	18.73	87.81	12.21	4.76	95.24	90.97	8.93	52.32	1.08	7.8	1.93	38.65	6.02	44.52				
27	<i>Ascaris suum</i>	asu	Metazoa	8.388278863	2.388278863	244500000	244.5	41.64	2.87	97.13	7.45	0.84	99.16	95.8	3.68	89.18	1.19	40.45	0.06	7.39	3.07	52.93			
28	<i>Loa loa</i>	loa	Metazoa	7.969046196	1.969046196	914000000	91.4	25.49	3.95	96.05	15.86	3.69	96.31	91.91	8.81	75.82	1.01	24.49	0.59	15.28	6.41				
29	<i>Brugia malayi</i>	bma	Metazoa	8.03173154	2.03173154	107580000	107.58	24.81	7.45	92.55	12.89	4.7	95.3	88.59	15	74.54	1.85	22.96	0.6	12.29	8.61				
30	<i>Ixodes scapularis</i>	isc	Metazoa	9.322122925	3.322122925	2100000000	2100	9.26	41.31	58.69	0.83	2.42	97.58	63.7	40.08	62.73	3.83	5.44	0.02	31.73	56.27				
31	<i>Metaschistus occidentalis</i>	mcc	Metazoa	7.954242509	1.954242509	900000000	90	36.98	3.61	96.39	16.41	7.32	92.68	90.28	10.09	80.15	1.33	35.64	1.34	17.06	8.13				
32	<i>Tetranodus urticata</i>	tur	Metazoa	7.893428842	1.893428842	782400000	78.24	23.61	8.35	91.65	25	14.26	85.74	85.14	14.87	66.67	1.97	21.63	3.57	21.43	48.03				
33	<i>Stegodaphys mimosarum</i>	smm	Metazoa	7.7011230106	1.991226075692	56248770	2738.7	20.56	50.03	49.97	0.85	17.6	82.4	48.85	51.88	48.15	10.29	10.27	0.15	0.7	37.88				
34	<i>Sarcophaga scabiei</i>	sas	Metazoa	7.991226075692	1.6349800805123	980000000	98	3.07	6.28	93.72	12.18	1.81	98.19	52.24	5.18	40.29	0.19	2.88	0.22	11.96	8.26				
35	<i>Strigamia maritima</i>	stm	Metazoa	8.462397996	2.462397996	290000000	290	11.38	29.38	70.62	7.42	9.02	90.98	64.46	53.35	3.34	8.04	0.67	6.75	28.93	40.12				
36	<i>Lingula anatina</i>	lgm	Metazoa	6.2628948238593	2.629008526961	425494968	426.49	40.87	19.01	80.99	11.42	4.2	95.8	77.41	22.66	66.48	7.77	33.1	0.48	10.94	33.38				
37	<i>Daphnia pulex</i>	dpp	Metazoa	8.370550098	2.370550098	234720000	234.72	13.06	19.79	80.21	12.83	23.46	76.54	74.85	25.48	63.17	2.59	10.48	3.01	9.82	18.49				
38	<i>Acythosiphon pisum</i>	api	Metazoa	8.713490543	2.713490543	517000000	517	13.72	77.09	3.09	7.58	92.42	73.82	26.65	70.64	3.14	10.57	0.23	2.86	58.86					
39	<i>Nilaparvata lugens</i>	nil	Metazoa	9.0719181246073	3.0719181246073	1200000000	1200	17.13	6	94	2.74	18.28	81.72	87.92	5.92	85.68	1.03	2.24	4.89	73.99					
40	<i>Diaphorina citri</i>	dic	Metazoa	5.6863774758053	2.6863774758053	408570500	408.57	45.71	34.36	65.64	4.55	11.23	88.77	70.1	30.43	66.07	9.51	18.17	0.51	4.04	47.9				
41	<i>Rhodinus prolixus</i>	rpr	Metazoa	8.8467399056917	2.8467399056917	70265	702.65	13.11	22.61	77.39	2.32	7.1	92.79	72.67	29.63	70.52	2.96	16.10	0.15	0.7	24.42				
42	<i>Pediculus humanus</i>	phu	Metazoa	8.03173154	2.03173154	105800000	1058	15.63	21.62	78.38	15.46	9.75	94.75	92.21	16.26	73.48	3.37	12.24	0.39	15.07	51.38				
43	<i>Aspergillus niger</i>	an	Metazoa	9.783053765356	3.783053765356	69970712	590	15.24	5.41	95.49	5.41	15.25	94.58	95.45	45.43	7.46	5.03	0.68	45.93						
44	<i>Zoanthidium nevadensis</i>	zoo	Metazoa	8.7536849835054	2.7536849835054	562400000	562.4	18.18	22.92	77.08	3.20	4.61	95.39	66.88	18.39	63.83	4.17	14.02	0.15	3.05	16.73	58.27			
45	<i>Nasonia vitripennis</i>	nvi	Metazoa	8.52181772	2.52181772	323520000	323.52	18.8	11.43	88.57	5.37	1.98	98.02	89.42	10.57	80.3	2.15	16.65	0.11	5.26	51.41				
46	<i>Ceratosolen solenoides</i>	cso	Metazoa	8.46384733	2.46384733	294000000	294	35.48	9.88	90.12	5.64	2.38	97.62	90.59	9.34	84.74	3.5	31.98	0.14	5.55	55.55				
47	<i>Athalia rosea</i>	aro	Metazoa	2.8144143623386	2.2144193929574	163837890	163.84	35.34	6.6	93.4	12.06	1.11	98.89	92.69	7.3	80.77	2.33	33.01	0.13	11.92	47.76				
48	<i>Microplitis demolitor</i>	mde	Metazoa	3.892669953	2.392669953	247000000	247	27.23	36.13	63.87	8.29	6.68	93.32	59.64	40.93	9.84	17.39	0.55	7.74	30.11	34.86				
49	<i>Fopius arisanus</i>	foa	Metazoa	8.1864912135687	2.1864912135687	153631861	153.63	34.71	15.74	84.26	12.16	2.26	97.74	82											

Genome-wide features GENOME CONTENTS with ESTIMATED genome size																									
75	<i>Danaus plexippus</i>	dpl	Metazoa	8.435923958	2.435923958	272850000	272.85	21.51	10.95	89.05	7.37	6.08	93.92	87.71	12.37	80.79	2.36	19.15	0.45	6.92	9.49	61.64			
76	<i>Helconius melpomene</i>	hme	Metazoa	8.46746010950726	2.46746010950726	293400000	293.4	22.32	29.63	70.37	5.89	2.46	97.54	67.58	26.17	61.84	6.61	15.71	0.14	5.74	20.34	49.44			
77	<i>Melitaea cinxia</i>	mrx	Metazoa	8.590942096	2.590942096	389890000	389.89	27.08	29.88	70.12	3.99	1.15	98.85	72.04	28.09	8.09	18.99	0.05	3.95	19.83	49.1				
78	<i>Phlebotomus papatasii</i>	ppt	Metazoa	8.56082588	2.56082588	363770000	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	8.188168859	2.188168859	154230000	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	8.255272505	2.255272505	180000000	180	20.98	16.95	83.05	12.67	3.36	96.64	68.74	31.27	55.68	3.56	17.43	0.43	12.24	27.01	37.09			
81	<i>Anopheles gambiae</i>	aga	Metazoa	8.421702619	2.421702619	264060000	264.06	14.67	15.3	84.7	6.74	5.06	94.94	79.44	20.57	72.62	2.25	12.43	0.34	6.4	17.81	59.4			
82	<i>Anopheles darlingi</i>	ada	Metazoa	8.302092716	2.302092716	200490000	200.49	22.09	4.06	95.94	8.85	3.77	96.23	95.6	4.37	80.55	0.9	21.19	0.33	8.52	2.22	43.12			
83	<i>Aedes aegypti</i>	aee	Metazoa	8.974115443	2.974115443	942140000	942.14	15.41	77.34	22.66	1.62	3.07	96.93	26.22	73.82	24.68	11.92	3.49	0.05	1.57	62.03	21.25			
84	<i>Culex pipiens</i>	cqq	Metazoa	8.722732615	2.722732615	528120000	528.12	14.62	55.13	44.87	4.69	8.83	91.17	47.61	52.61	43.71	8.06	6.56	0.41	4.27	44.66	37.73			
85	<i>Beluga antarctica</i>	ban	Metazoa	8.021892990699	2.021892990699	105000000	105	11.25	2.62	97.38	17.75	1.33	98.67	82.28	2.62	64.76	0.30	10.95	0.24	17.51	2.93	63.08			
86	<i>Glossina morsitans</i>	gmr	Metazoa	8.72273261461057	2.72273261461057	528120000	528.12	11.97	22.73	3.87	3.1	96.9	53.34	16.23	49.59	2.72	9.25	0.12	3.75	18.97	58.18				
87	<i>Musca domestica</i>	mud	Metazoa	8.939728861	2.939728861	870420000	870.42	16.31	46.4	53.6	2.69	3.56	96.44	51.07	49.5	48.06	7.57	8.74	0.1	2.59	40.04	37.93			
88	<i>Lucilia cuprina</i>	lcu	Metazoa	8.67209785793572	2.67209785793572	470000000	470	22.51	24.13	75.87	4.73	4.8	95.2	68.62	23.73	64.12	5.43	17.08	0.23	4.50	19.59	50.92			
89	<i>Mayetella destructor</i>	myd	Metazoa	8.2361515152	2.2361515152	150000000	150	18.5	14.17	85.01	11.1	7.41	92.59	88.12	11.3	77.85	1.49	9.05	0.82	10.28	9.56	68.79			
90	<i>Megastoma scalaris</i>	msc	Metazoa	8.00944574724538	2.00944574724538	504000000	504	22.76	15.69	84.01	1.43	6.77	93.23	72.57	29.09	81.7	1.44	2.32	1.1	1.33	26.84	68.55			
91	<i>Ptychopteridae</i>	pfi	Metazoa	8.06944574724538	2.06944574724538	122669892	122669892	12.72	44.77	56.88	3.6	3.68	93.24	60.06	14.98	39.39	0.36	2.23	1.46	30.67					
92	<i>Sarcophaga kowalevskii</i>	ska	Metazoa	8.679452895	2.679452895	756400000	756.4	8.68	39.45	60.55	1.23	7.21	92.79	61.48	38.72	60.34	3.42	5.25	0.09	1.14	35.01	55.08			
93	<i>Strongylocentrotus purpuratus</i>	spu	Metazoa	8.939728861	2.939728861	870420000	870.42	26.7	36.45	4.36	25.06	74.94	62.26	39.69	59.14	0.73	16.97	1.09	3.27	27.41	42.96				
94	<i>Branchiostoma floridae</i>	bfl	Metazoa	8.717670503	2.717670503	522000000	522	42.28	35.61	64.39	7.63	23.59	98.41	66.6	33.36	60.61	15.06	27.22	1.65	5.98	16.7	33.39			
95	<i>Oikopleura dioica</i>	odi	Metazoa	7.825436886	1.825436886	684600000	684.6	16.01	23.68	30.11	7.4	92.6	78.74	21.29	51.66	3.8	12.23	2.22	27.87	15.41	38.79				
96	<i>Ciona intestinalis</i>	cin	Metazoa	8.20136885	2.20136885	195600000	195.6	20.52	26.49	73.51	8.21	2.31	97.69	78.55	21.52	64.93	5.43	35.08	0.19	8.02	11.9	39.33			
97	<i>Ciona savignyi</i>	csg	Metazoa	8.240549248	2.240549248	174000000	174	27.9	29.55	70.45	7.93	5.51	94.49	65.84	34.25	58.47	8.25	19.66	0.44	7.49	25.63	39.14			
98	<i>Petromyzon marinus</i>	pma	Metazoa	9.305258911	2.305258911	201957000	2019.57	5.7	42.29	57.71	0.62	7.51	92.49	64.41	35.48	63.1	2.41	3.29	0.05	0.57	29.99	55.59			
99	<i>Danio rerio</i>	dre	Metazoa	9.259384564	2.259384564	181712400	1817.124	32.76	56.4	2.34	21.79	78.21	44.07	43.31	41.72	18.48	14.28	0.51	1.83	31.51	23.34				
100	<i>Astyanax mexicanus</i>	amx	Metazoa	9.075546961	2.075546961	119000000	1190	40.92	27.56	72.44	3.24	4.67	95.33	73.82	26.24	70.73	11.28	29.65	0.15	3.09	14.77	41.12			
101	<i>Esox lucius</i>	elu	Metazoa	9.049182032	2.049182032	112000000	1120	31.4	27.93	3.79	5.19	94.81	69.41	30.73	64.82	8.77	22.63	0.2	3.59	19.16	35.95				
102	<i>Gadus morhua</i>	gmo	Metazoa	8.958821803	2.958821803	909540000	909.54	29.92	15.74	84.26	3.21	4.97	95.03	81.22	21.85	77.89	4.71	25.21	0.16	3.05	13.46	50.32			
103	<i>Tetraodon nigroviridis</i>	tri	Metazoa	8.62380731	2.62380731	420540000	420.54	21.26	7.61	7.14	3.4	9.6	91.08	8.88	82.99	1.62	19.64	0.24	6.89	6.74	59.96				
104	<i>Takifugu rubripes</i>	tru	Metazoa	8.59298846	2.59298846	391200000	391.2	28.14	7.68	92.32	8.64	3.87	96.13	89.61	18.91	81.34	2.16	25.98	0.33	8.31	7.91	55.5			
105	<i>Gasterosteus aculeatus</i>	gac	Metazoa	8.72427587	2.72427587	530000000	530	27.21	12.05	87.95	6.15	5.38	94.62	84.03	16.49	77.35	3.28	23.93	0.33	5.81	11.83	49.87			
106	<i>Cynoglossus semilaevis</i>	cys	Metazoa	8.79719827	2.79719827	626000000	626	31.9	10.67	89.33	6.09	2.72	97.28	89.33	10.41	81.44	3.31	27.71	0.17	5.92	6.03	44.49			
107	<i>Larimichthys crocea</i>	lcr	Metazoa	8.870988814	2.870988814	743000000	743	34.15	10.65	89.35	5.24	3.5	96.5	88.34	11.65	82.55	3.64	30.51	0.18	5.05	7.29	47.59			
108	<i>Oryzias latipes</i>	ola	Metazoa	9.004228915	2.004228915	1009785000	1009.785	20.78	29.14	70.86	2.98	5.55	94.45	71.69	28.61	68.42	6.05	14.72	0.17	2.82	21.08	51.31			
109	<i>Xiphophorus maculatus</i>	xma	Metazoa	8.846987434	2.846987434	885090000	885.09	27.33	15.32	84.66	3.78	1.92	98.08	85.5	14.67	81.49	2.15	23.15	0.07	3.7	9.34	52.93			
110	<i>Nothonotus cornuticeps</i>	nco	Metazoa	8.803866634	2.803866634	636600000	636.6	32.1	20.58	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	9.025305865	2.025305865	106000000	1060	27.02	19.41	80.59	3.51	8.65	91.35	76.11	24.03	62.44	5.24	21.78	0.3	3.21	17.55	47.55			
112	<i>Neopomacentrus brachypterus</i>	nbp	Metazoa	8.259611039215	2.259611039215	12329961039215	12329961039215	171000000	1710	29.84	38.3	6.17	1.68	5.9	94.1	59.58	44.70	57.99	11.43	18.41	0.10	1.58	31.74	38	
113	<i>Pogona vitticeps</i>	pov	Metazoa	9.25914263657	2.25914263657	1816116151	1816.12	25.96	28.76	71.24	1.75	5.54	94.46	70.07	29.62	68.42	7.47	18.49	0.1	1.65	26.31	41.17			
114	<i>Anolis carolinensis</i>	acr	Metazoa	9.350635660	2.350635660	224200000	2242	24	40.83	59.17	1.31	9.82	90.18	57.63	42.59	56.16	9.8	14.2	0.13	1.18	29.99	38.46			
115	<i>Ophionoplos hoazin</i>	pmo	Metazoa	9.153113332	2.153113332	142270000	1422.7	30.71	20.78	79.22	2.14	4.49	95.51	78.04	22.27	76.01	6.38	24.33	0.1	2.04	15.54	51.9			
116	<i>Ophiophagus hannah</i>	oha	Metazoa	9.16879202	2.16879202	147500000	1475	23.31	26.24	73.76	1.56	5.77	94.23	72.59	31.34	71.22	6.12	17.19	0.09	1.47	21.67	55.31			
117	<i>Chelonoidis carbonaria</i>	cch	Metazoa	9.21711297	2.21711297	1650864000	1650.864	24.45	5.36	94.64	1.73	1.75	98.25	93.03	6.7	90.49	1.31	23.14	0.03	1.7	4.97	55.92			
118	<i>Meleagris gallopavo</i>	mga	Metazoa	9.156921212	2.156921212	143110000	1431.14	19.07	6.44	95.46	1.59	1.45	98.55	92.3	7.78	76.64	2.66	26.68	0.08</td						

		Genome-wide features GENOME CONTENTS with ESTIMATED genome size																				
168	<i>Sus scrofa</i>	ssc	Metazoa	9.491055478	3.491055478	3097815000	3097815	17.95	36.18	63.82	0.96	7.07	92.93	63.88	36.12	62.9	6.49	11.45	0.07	0.89	28.88	50.26
169	<i>Bos taurus</i>	bta	Metazoa	9.548647338	3.548647338	3537100000	35371	18.93	38.52	61.48	0.91	7.93	92.07	54.16	45.92	53.04	7.29	11.63	0.07	0.84	36.09	37.63
170	<i>Ovis aries</i>	oar	Metazoa	9.478183975	3.478183975	3007350000	3007	18.4	33.57	66.43	0.91	6.56	93.44	61.6	38.4	60.61	6.18	12.22	0.06	0.85	31.11	46.31
171	<i>Capra hircus</i>	chi	Metazoa	9.500883865	3.500883865	3168720000	3168	19.9	33.38	66.62	0.97	6.14	93.86	61.51	38.95	60.43	6.64	13.25	0.06	0.91	30.52	44.66
172	<i>Baleohippota aurogorstrata</i>	bac	Metazoa	9.38774566	3.38774566	2442000000	2442	21.91	31.97	68.03	1.22	3.57	96.43	64.62	35.52	63.44	7.01	14.9	0.04	1.18	28.34	48.54
173	<i>Lipotes vexillifer</i>	ive	Metazoa	9.582515612	3.582515612	3823980000	3823	20.34	34.96	65.04	0.84	2.64	97.36	60.41	39.77	59.12	7.11	13.23	0.02	0.82	28.36	38.3
174	<i>Orcinus orca</i>	oor	Metazoa	9.375297738	3.375297738	2373000000	2373	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	9.484493449	3.484493449	3051360000	3051	24.07	32.26	67.74	1.08	5.16	94.84	63.66	37.18	62.37	7.77	16.31	0.06	1.02	26.44	41.73
176	<i>Ailuropoda melanoleuca</i>	aml	Metazoa	9.361727836	3.361727836	2300000000	2300	27.59	28.98	71.02	1.35	4.45	95.55	67.12	32.92	65.83	8	19.59	0.06	1.29	24.82	46.23
177	<i>Panthera tigris</i>	ptg	Metazoa	9.401958561	3.401958561	2523240000	2523	24.96	32.09	67.91	1.22	4.5	95.5	64.77	35.24	63.54	9.52	20.14	0.05	1.16	25.13	42.29
178	<i>Felis catus</i>	fca	Metazoa	9.482819865	3.482819865	3039624000	3039	20.2	32.75	67.25	1.01	4.81	95.19	64.31	35.84	63.11	6.62	13.59	0.05	0.96	27.45	46.29
179	<i>Oryctolagus cuniculus</i>	ocu	Metazoa	9.543007071	3.543007071	3491460000	3491	19.64	38.61	61.39	0.86	7.43	92.57	58.16	42.09	57.15	7.58	12.06	0.06	0.79	32.09	41.77
180	<i>Ictidomys tridecemlineatus</i>	itr	Metazoa	9.394169648	3.394169648	2478390000	2478	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>	cpo	Metazoa	9.526897297	3.526897297	3364320000	3364	17.45	29.52	70.48	0.84	5.45	94.55	60.5	40.47	59.47	5.15	12.3	0.05	0.84	33.08	44.27
182	<i>Rattus norvegicus</i>	rno	Metazoa	9.516671812	3.516671812	3200080000	3200	20.47	30.43	69.57	1.04	10.0	98.91	63.88	36.13	62.84	6.23	14.24	0.11	0.93	28.96	46.75
183	<i>Mus musculus</i>	mmu	Metazoa	9.505629965	3.505629965	3227400000	3227	22.77	24.57	67.17	1.11	12.36	87.64	56.63	43.37	55.48	7.83	15.91	0.14	0.97	33.96	46.12
184	<i>Tartufo chinensis</i>	ich	Metazoa	9.456637762	3.456637762	2661790000	2661	12.95	39.05	60.95	0.93	9.94	96.94	57.03	45.52	57	7.64	0.1	0.83	37.05	46.27	
185	<i>Microtus mus</i>	mmr	Metazoa	9.484493449	3.484493449	3051360000	3051	22.72	18.89	81.11	0.86	2.75	97.25	78.77	22.56	77.89	4.29	18.43	0.02	0.84	16.7	58.56
186	<i>Macacus mulatta</i>	mmi	Metazoa	9.517323923	3.517323923	3290970000	3290	27.56	38.49	61.51	0.98	5.97	94.03	64.77	35.7	65.85	15.72	0.06	0.92	30.84	40.96	
187	<i>Calithrix jacchus</i>	cja	Metazoa	9.525632975	3.525632975	3354540000	3354	25.03	32.75	61.77	1	5.46	94.54	58.06	42.26	56.97	9.57	15.47	0.05	0.94	30.87	39.17
188	<i>Pongo abelii</i>	pon	Metazoa	9.568598593	3.568598593	3703260000	3703	26.26	37.31	61.69	0.82	5.36	94.65	57.6	42.4	56.76	9.08	14.63	0.04	0.78	32.36	41.04
189	<i>Gorilla gorilla</i>	ggo	Metazoa	9.536881518	3.536881518	3442560000	3442	23.6	32.73	62.77	0.94	6.04	93.96	58.67	41.32	57.67	8.79	14.82	0.06	0.89	31.31	40.89
190	<i>Pan troglodytes</i>	pan	Metazoa	9.555596198	3.555596198	3594150000	3594	23.54	39.83	60.17	0.84	7.83	92.17	59.01	41.31	58.17	9.37	14.16	0.07	0.77	30.74	42.79
191	<i>Homo sapiens</i>	hsa	Metazoa	9.534468989	3.534468989	3423000000	3423	28.7	41.63	58.37	1.02	8.48	91.52	56.34	43.65	55.31	11.95	16.75	0.09	0.93	30.38	36.83
192	<i>Pyropia yezoensis</i>	pye	Protist	7.638289535	1.638289535	434800000	4348	1.03	14.54	85.46	7.57	15.86	84.14	78.92	24.92	0.14	0.87	1.2	6.37	19.73	71.67	
193	<i>Chondrus crispus</i>	ccr	Protist	8.021189299	1.8021189299	1050000000	105	0.47	35.97	64.03	9.68	18.4	81.6	31.19	71.67	23.28	0.17	0.3	1.78	7.9	66.86	22.97
194	<i>Galdieria sulphuraria</i>	gsu	Protist	7.146120836	1.7146120836	140000000	14	5.14	5.51	94.49	59.93	7.04	92.96	86.15	17.51	29.25	0.29	4.86	42.21	55.71	9.25	24.29
195	<i>Cyanidioschyzon merolae</i>	cme	Protist	7.217483944	1.7217483944	165000000	16.5	0.06	12.7	98.73	44.42	2.98	97.02	74.35	25.74	31.35	0	0.06	1.33	43.15	24.33	31.31
196	<i>Micromonas pusilla</i>	mpu	Viridiplantae	7.389166084	1.7389166084	245000000	245	2.45	6.02	39.8	58.73	11.12	88.8	82.55	16.09	24.27	4.49	2.98	6.53	52.2	5.13	20.94
197	<i>Micromonas spRC299</i>	mic	Viridiplantae	7.324282455	1.7324282455	211000000	211	21.1	4.17	7.83	92.17	69.34	4.97	95.03	93.95	6.03	27.72	0.33	3.84	3.46	65.88	23.88
198	<i>Bathycoccus prasinus</i>	bpr	Viridiplantae	6.990338855	1.690338855	978000000	978	2.35	7.37	92.63	125.97	6.34	93.66	92.59	7.23	15.68	0.2	2.15	7.98	118	2.1	14.27
199	<i>Ostreococcus sp</i>	osp	Viridiplantae	7.123851641	1.712385164	1330000000	133	4.06	14.44	85.56	71.88	4.59	95.41	92.4	7.35	23.83	0.6	3.46	3.31	68.57	3.71	20.36
200	<i>Chlamydomonas reinhardtii</i>	cre	Viridiplantae	8.071882007	1.8071882007	1180000000	118	19.61	80.39	33.18	17.48	82.52	77.35	22.49	48.27	5.87	24.08	5.8	27.37	10.25	22.87	
201	<i>Volvox carteri</i>	vco	Viridiplantae	8.139879086	1.813987908	1329000000	1329	18.08	27.22	65.11	16.51	17.2	89.39	72.72	27.3	56.55	4.49	22.72	1.83	20.63	32.64	
202	<i>Chlorella variabilis</i>	cva	Viridiplantae	7.664641976	1.7664641976	462000000	462	31.49	16.06	28.96	9.6	9.04	87.34	12.7	61.14	4.44	27.08	5.45	34.04	24.29		
203	<i>Helicosporidium sp</i>	hel	Viridiplantae	7.230448921	1.7230448921	1700000000	170	17.04	9.74	97.06	29.12	4.8	95.2	94.82	2.8	56.71	0.24	4.86	27.76	47.05		
204	<i>Coccophyllum subelliptosidea</i>	cse	Viridiplantae	7.688419822	1.7688419822	489000000	489	13.94	35.49	64.51	15.99	52.17	97.03	52.57	47.37	42.36	4.95	8.99	8.2	30.2	30.58	
205	<i>Asterochloris heterocycla</i>	aph	Viridiplantae	9.425697213	1.9425697213	2650000000	265	3.66	40.35	56.35	1.95	10.77	89.33	61.19	33.59	67.48	1.69	21.8	0.21	1.74	17.35	40.43
223	<i>Panicum virgatum</i>	pvi	Viridiplantae	9.132925354	1.9132925354	1358080000	1358	4.16	89.55	4.92	88.07	60.35	58.78	0.43	3.72	0.59	3.35	35.87	55.06			
224	<i>Setaria italica</i>	sit	Viridiplantae	8.710171065	1.8710171065	513000000	513	7.46	8.96	91.04	7.74	14.1	85.9	50.67	49.37	42.26	0.67	6.8	1.09	6.65	47.1	33.67
225	<i>Aquilegia coerulea</i>	aco	Viridiplantae	9.479971818	1.9479971818	301980000	301	14.61	12.03	87.97	10.16	15.26	84.74	50.67	49.46	42.06	1.76	12.85	1.55	8.61	46.03	29.21
226	<i>Nelumbo nucifera</i>	nnu	Viridiplantae	9.869015714	1.9290015714	929000000	929	24.33	43.68	46.98	53.02	3.55	92.44	90.76	52.46	45.79	1.33	10.33	0.87	8.72	32.81	39.49
227	<i>Beta vulgaris</i>	bvu	Viridiplantae	8.879669626	1.8879669626	578000000	578	12.49	36.54	63.46	11.08	59.1	80.49	53.38	47.66	47.34	4.56	7.92	6.55	4.53	92.78	
228	<i>Actinidia chinensis</i>	ach	Viridiplantae	8.587669569	1.8587669569	321000000	321	12.73	65.37	75.37	11.91	88.09	61.94	38.03	52.16	5.32	30.89	4.86	30.89	36.58		
229	<i>Canna canephera</i>	cdf	Viridiplantae	8.587451959	1.8587451959	321000000	321	9.24	18.59	81.41	8.81	4.54	97.04	47.87	6.23	35.07	1.75	18.47	0.24	2.64	39.29	
231	<i>Sesamum indicum</i>	ssi	Viridiplantae	8.5																		

		Genome-wide features GENOME CONTENTS with ESTIMATED genome size																									
261	<i>Medicago truncatula</i>	mtr	Viridiplantae	8.667452953	2.667452953	465000000	465	11.77	30.69	69.31	8.42	33.52	66.48	64.74	36.08	58.52	3.61	8.15	2.82	5.6	28.11	49.46					
262	<i>Cicer arietinum</i>	car	Viridiplantae	8.968015714	2.968015714	929000000	929	5.69	24.95	75.05	3.55	20.57	79.43	50.08	51.48	45.16	1.42	4.27	0.73	2.82	42.86	37.71					
263	<i>Cajanus cajan</i>	cca	Viridiplantae	8.932473765	2.932473765	856000000	856	7.77	28.06	71.94	5.44	37.69	62.31	51.16	51.6	46.38	2.18	5.59	2.05	3.39	42.86	38.48					
264	<i>Glycine max</i>	gma	Viridiplantae	9.041392685	3.041392685	1100000000	1100	9.77	14.59	85.41	5.86	8.71	91.29	54.48	45.54	48.44	1.43	8.34	0.51	5.35	43.33	39.01					
265	<i>Phaseolus vulgaris</i>	pvu	Viridiplantae	8.769638101	2.769638101	587000000	587	9.13	13.44	86.56	5.91	11.82	88.18	52.35	47.75	46.48	1.23	7.91	0.7	5.21	45.48	37.57					
266	<i>Citrus lanatus</i>	cla	Viridiplantae	8.62838893	2.62838893	425000000	425	9.1	14.44	85.56	6.12	6.92	93.08	60.2	39.78	53.39	1.32	7.79	0.42	5.69	37.72	44.07					
267	<i>Cucumis melo</i>	cml	Viridiplantae	8.657055683	2.657055683	454000000	454	8.64	17.21	82.79	5.74	9.83	90.17	59.76	42.07	53.51	1.49	7.15	0.56	5.17	37.76	44.86					
268	<i>Cucumis sativus</i>	csa	Viridiplantae	8.564666064	2.564666064	367000000	367	10.93	12.55	87.45	7	5.71	94.29	82.32	17.74	70.4	1.37	9.56	0.4	6.6	14.48	53.12					
269	<i>Fragaria vesca</i>	fve	Viridiplantae	8.382017043	2.382017043	241000000	241	22.76	22.62	77.38	16.15	13.96	86.04	70.66	29.28	54.48	5.15	17.61	2.25	13.89	20.72	33.96					
270	<i>Prunus mume</i>	pmu	Viridiplantae	8.447158031	2.447158031	280000000	280	14.98	19.87	80.13	12.79	24.25	75.75	63.34	37.7	51.91	2.98	12	3.1	9.68	29.48	37.75					
271	<i>Prunus persica</i>	ppc	Viridiplantae	8.42975228	2.42975228	259000000	269	12.52	13.71	86.29	12.58	22.81	77.19	56.26	43.76	44.76	1.72	10.8	2.87	9.71	38.31	31.98					
272	<i>Malus domestica</i>	mdo	Viridiplantae	8.898725182	2.898725182	792000000	792	9.19	33.76	66.24	7.77	33.46	65.64	65.66	34.33	58.94	3.1	6.09	2.6	5.17	26.93	51.03					
273	<i>Rhus brevistylis</i>	pyb	Viridiplantae	8.721810615	2.721810615	527000000	527	11.48	22.74	77.26	9.42	21	79	46.16	54.03	38.46	2.61	8.87	1.98	7.44	49.09	29.27					
274	<i>Trypanosoma brucei</i>	tbr	Prost.	7.544068044	1.544068044	350000000	35	0	3.95	96.05	37.57	7.66	92.34	84.13	15.85	37.07	0	2.89	34.69	11.96	37.06						
275	<i>Trypanosoma vivax</i>	tvi	Prost.	7.6769361	1.6769361	475000000	47.5	0.67	0.17	99.83	32.48	26.27	73.73	58.25	41.27	34.3	0	0.67	8.53	23.96	33.22						
276	<i>Leishmania major</i>	lmo	Prost.	7.612738577	1.612738577	320000000	32.03	20.45	82.7	48.54	52.85	94.47	87.65	13.32	42.25	0	0.66	45.86	42.42	24.24							
277	<i>Mycobacterium tuberculosis</i>	mgv	Prost.	7.612738587	1.612738587	410000000	41	5.34	8.27	91.73	56.73	93.94	92.58	7.34	39.4	0.44	4.9	3.44	53.79	3.54	33.43						
278	<i>Trichomonas vaginalis</i>	tvv	Prost.	8.204119983	2.204119983	169000000	160	0.01	55.9	44.1	52.76	57.62	42.38	50.7	68.65	30.43	0.01	30.4	22.36	21.72	30.42						
279	<i>Giardia intestinalis</i>	gin	Prost.	7.068185862	1.068185862	117000000	117	0	0	100	70.09	2.03	97.97	91.4	10.46	18.4	0	0	1.45	68.63	7.08	18.4					
280	<i>Spirouromes salinocidiae</i>	sal	Prost.	7.1003705411756	1.1003705411756	126000000	126	0	0	100	73.81	13.62	86.38	85.95	16.75	22.22	0	0	10.08	63.73	7.74	27.79					
281	<i>Acanthamoeba castellanii</i>	aca	Prost.	7.654176542	1.654176542	451000000	45.1	22.19	18.43	81.57	46.92	8.01	91.89	88.95	10.81	42.63	4.28	18.91	3.77	43.15	2.43	22.31					
282	<i>Polyphondium pallidum</i>	pip	Prost.	7.51851394	1.51851394	330000000	33	17.21	31.6	68.4	54.42	14.95	85.05	77.7	22.13	31.37	2.64	5.67	8.15	46.27	11.53	25.68					
283	<i>Dicystostelium fasciculatum</i>	dfa	Prost.	7.491361694	1.491361694	310000000	31	15	52.1	47.9	67.58	20.11	79.89	70.19	29.48	20.89	3.26	13.58	53.97	14.16	17.9						
284	<i>Dicystostelium purpureum</i>	dpu	Prost.	7.51851394	1.51851394	330000000	33	8.3	15.53	84.47	32.48	13.02	86.98	80.21	21.92	39.58	0.12	0.7	4.24	28.27	13.52	38.55					
285	<i>Dicystostelium discoideum</i>	ddi	Prost.	7.531478971	1.531478971	340000000	34	6.21	26.14	73.86	45.82	21	79	61.9	38.85	31.81	0.44	1.29	9.62	36.21	29.72	30.74					
286	<i>Entamoeba dispar</i>	edi	Prost.	7.380211242	1.380211242	240000000	24	1.17	20.62	79.38	79.92	13.83	86.17	83.34	16.55	33.18	4.88	18.79	11.04	68.83	5.05	19.5					
287	<i>Entamoeba invadens</i>	ein	Prost.	7.611617111	1.611617111	408000000	40.89	1.44	24.94	49.72	13.42	85.88	83.14	16.63	26.38	7.84	8.54	6.68	43.07	4.32	15.12						
288	<i>Gullaria theta</i>	gth	Prost.	7.940516485	1.940516485	287000000	287	8.72	15.93	78.7	34.99	8.26	91.74	84.46	15.59	52.35	3.39	12.53	2.89	31.25	9.25	39.81					
289	<i>Emilialea huxleyi</i>	ehu	Prost.	8.15136987	1.815136987	141700000	141.7	13.97	37.72	62.28	24.45	7.21	76.8	59.86	40.83	4.4	5.26	8.69	18.77	30.9	36.65						
290	<i>Retziulomyia flosa</i>	ref	Prost.	8.8051497399	1.8051497399	320000000	320	1.60	25.44	74.56	11.93	23.56	76.44	23.75	8.54	14.63	0.41	1.19	2.81	9.12	15.29	42.21					
291	<i>Bigelowella natans</i>	bna	Prost.	7.976334979	1.976334979	947000000	94.7	32.05	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>Plasmopedia brassicae</i>	pb	Prost.	7.406540104395	1.406540104395	255000000	25.5	8.16	1.96	98.04	51.29	3.93	96.07	87.22	7.18	37.92	0.16	8	49.25	5.23	31.73						
293	<i>Oxytricha trifallax</i>	otx	Prost.	7.68997000	1.68997000	50000000	50	8.04	15.84	96.18	15.25	84.75	83.79	16.18	1.28	6.78	14.66	81.5	4.34	18.08							
294	<i>Styloynchia lemnae</i>	sle	Prost.	7.700703717	1.700703717	50200000	50.2	5.4	4.9	95.1	71.31	3.64	96.36	94.68	4.3	25.91	0.26	5.14	2.59	68.73	2.45	20.77					
295	<i>Paramecium tetraureum</i>	ptm	Prost.	7.857332496	1.857332496	72000000	72	3.14	5.18	94.82	75.06	6.66	93.34	93.18	6.4	23.22	0.17	2.97	5.06	70.06	1.66	20.24					
296	<i>Ichthyophthirius multifiliis</i>	ich	Prost.	7.68970004	1.68970004	500000000	500	50	6.16	21.61	78.39	20.06	7.4	92.6	84.46	7.25	1.34	4.84	18.58	5.48	67.1						
297	<i>Tetrahymena thermophila</i>	tet	Prost.	8.01703339	1.80170339	104000000	104	13.88	65.54	86.54	46.27	10.13	89.87	88.05	11.91	46.07	1.87	12.01	4.68	41.59	5.33	33.95					
298	<i>Symbiodinium minutum</i>	sym	Prost.	9.176691129	1.9176691129	100000000	100	22.11	29.42	70.58	26.08	7.21	73.21	72.53	32.42	3.67	4.55	4.55	42.71	1.91	26.53	37.82					
299	<i>Albugo laibachii</i>	ala	Prost.	6.921686475	1.921686475	370000000	37	7.11	33.77	66.23	42.86	9.35	90.65	74.84	26.56	30.96	2.41	4.7	4.7	41.5	7.74	42.41					
300	<i>Albugo laibachii</i>	ala	Prost.	7.556201724	1.556201724	370000000	37	7.11	33.77	66.23	42.86	9.35	90.65	74.84	26.56	30.96	2.41	4.7	4.7	41.5	7.74	42.41					
318	<i>Hyaloperonospora arabidopsis</i>	hpa	Prost.	8	2	1000000000	100	1.72	23.84	76.18	13.13	12.77	87.23	53.78	46.22	39.26	0.41	1.31	1.68	11.45	43.58	37.6					
319	<i>Phytophthora infestans</i>	pii	Prost.	8.380211242	1.838021124	240000000	240	1.52	28.75	71.43	9.34	14.27	85.73	42.45	61.01	34.04	0.43	1.08	1.33	10.24	4.1	64.34	32.9				
320	<i>Phytophthora ramorum</i>	pra	Prost.	7.81293357	1.81293357	650000000	65	4.83	14.53	85.47	34.35	21.68	78.32	76.56	24.7</												

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354	<i>Piriformospora indica</i>	pin	Fungi	7.397592434	1.397592434	24980000	24.98	11.09	5.28	94.72	7.83	92.17	92.07	7.19	35.12	0.6	10.53	4.84	56.93	2.51	24.6						
355	<i>Sebacina vermifera</i>	sve	Fungi	7.580810973	1.580810973	38090000	38.09	11.71	13.66	86.34	49.44	14.57	85.63	14.18	43.41	1.6	10.11	7.19	42.22	5.57	33.31						
356	<i>Botryobasidium botryosum</i>	bob	Fungi	7.669037801	1.669037801	46670000	46.67	11.55	9.03	90.97	41.35	9.43	90.57	83.58	16.56	46.14	1.05	10.5	3.9	37.45	11.47	35.63					
357	<i>Tulasnella calospora</i>	tuc	Fungi	7.795114986	1.795114986	62390000	62.39	10.84	13.66	86.34	32.2	18.06	81.94	83.12	16.86	56.73	1.47	9.36	5.82	26.38	9.59	47.38					
358	<i>Auricularia delicata</i>	ade	Fungi	7.839163683	1.839163683	69050000	69.05	11.64	11.25	88.75	39.46	8.74	91.26	86.66	13.49	53.47	1.32	10.34	3.45	36.02	8.95	43.94					
359	<i>Sphaerobolus stellatus</i>	sst	Fungi	8.246424715	2.246424715	176370000	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	12.9	21.93	52.68					
360	<i>Fomitiporia mediterranea</i>	fme	Fungi	7.754118894	1.754118894	56770000	56.77	7.7	12.03	87.97	25.56	7.54	92.46	61.96	42.93	40.78	0.93	6.78	1.92	23.64	35.48	34.71					
361	<i>Phanerochaete cariosa</i>	pca	Fungi	7.665487181	1.665487181	46290000	46.29	8.6	12.94	87.06	34.61	12.19	87.81	82.22	18.93	51.84	1.12	7.5	4.21	30.37	12.45	44.35					
362	<i>Phlebia brevispora</i>	pbr	Fungi	7.698622423	1.698622423	49960000	49.96	11.19	9.23	90.77	38.77	9.95	90.05	87.48	12.55	52.57	1.04	10.15	3.86	34.91	7.63	42.42					
363	<i>Punctularia strigoso-zonata</i>	pst	Fungi	7.519434195	1.519434195	33070000	33.07	11.94	4.05	95.95	45.99	5.39	94.61	92	8.1	49.9	0.48	11.46	2.48	43.51	5.13	38.8					
364	<i>Gloeophyllum trabeum</i>	gtr	Fungi	7.536937023	1.536937023	34430000	34.43	12.2	4.18	95.82	43.36	3.75	96.25	89.47	11.15	50.83	0.52	11.7	1.63	41.74	8.55	40					
365	<i>Phlebiopsis gigantea</i>	pgi	Fungi	7.477121255	1.477121255	30000000	30	12.6	0.6	99.4	48.83	0.84	99.16	98.83	1.16	50.65	0.07	12.53	0.4	48.4	0.68	38.19					
366	<i>Eijkerkera adusta</i>	bad	Fungi	7.630732893	1.630732893	42730000	42.73	10.84	5.44	94.58	44.04	5.41	94.59	91.31	8.95	49.64	0.59	10.25	2.39	41.68	5.71	39.39					
367	<i>Ceriporiopsis subversimpora</i>	ces	Fungi	7.591064607	1.591064607	39000000	39	10.97	50.1	94.99	39.69	6.16	93.84	92.84	5.55	55.56	0.54	10.41	2.44	37.23	4.17	45.14					
368	<i>Postia placenta</i>	ppl	Fungi	7.595849383	1.595849383	90000000	90.0	11.77	19.07	80.03	25.96	22.06	77.92	77.99	22.19	57.77	2.35	9.42	5.73	20.23	13.93	48.36					
369	<i>Wolffia cocos</i>	wco	Fungi	7.585407259	1.585407259	48240000	48.24	11.36	8.2	82	32.36	10.33	89.67	62.23	31.29	41.5	2.49	9.77	3.34	29.02	25.21	33.02					
370	<i>Leptopodium ciliatum</i>	lci	Fungi	7.623696268	1.623696268	42600000	42.06	11.06	6.54	93.46	40.46	0.91	90.77	92.26	52.76	0.78	11.08	2.47	37.59	4.54	41.58						
371	<i>Trametes versicolor</i>	vev	Fungi	7.651181062	1.651181062	44740000	44.74	11.96	5.01	94.99	40.32	5.74	94.26	92.35	7.62	54.35	0.6	11.25	2.32	38	4.74	41.1					
372	<i>Ganoderma sp</i>	gan	Fungi	7.596816936	1.596816936	39520000	39.52	12.3	2.9	97.08	41.8	4.77	95.23	93.73	6.43	53.93	0.35	11.64	2	39.8	3.92	42					
373	<i>Dichomitus aquilans</i>	dsg	Fungi	7.596470076	1.596470076	38450000	39.45	11.84	5.74	94.26	39.09	5.84	94.16	88.96	11.94	54.99	0.68	11.15	2.28	36.81	8.3	44.7					
374	<i>Heterobasidion annosum</i>	han	Fungi	7.526329277	1.526329277	32600000	32.6	12.18	11.22	88.78	45.24	12.16	87.85	80.22	19.75	40.56	1.49	11.73	5.51	39.73	12.81	28.86					
375	<i>Stereum hirsutum</i>	shi	Fungi	7.659435463	1.659435463	45640000	45.64	14	3.66	96.34	42.24	3.13	96.87	93.97	6.08	53.8	0.5	13.5	1.31	40.93	4.23	40.57					
376	<i>Pilocephala croceum</i>	pcr	Fungi	7.773274348	1.773274348	59330000	59.33	9.46	11.76	88.24	36.14	11.58	88.42	79.98	20.11	48.03	1.11	8.34	4.18	31.96	14.72	39.69					
377	<i>Jaapia argillacea</i>	jar	Fungi	7.635694795	1.635694795	45050000	45.05	10.88	8.38	91.62	43	7.91	92.09	85.93	14.24	46.33	0.91	9.97	3.4	39.6	9.75	36.36					
378	<i>Plicaturopsis crista</i>	plc	Fungi	7.537819095	1.537819095	34500000	34.5	12.46	6.14	93.86	48.52	3.57	96.43	91.85	8.29	45.05	0.75	11.68	1.74	46.78	5.66	33.36					
379	<i>Amanita muscaria</i>	amu	Fungi	7.609594409	1.609594409	40700000	40.7	10.34	16.57	83.43	43.81	19.96	80.04	79.89	20.54	44.83	1.72	8.62	8.75	35.06	9.66	36.52					
380	<i>Pleurotus ostreatus</i>	pos	Fungi	7.477121255	1.477121255	30000000	30	15.13	8.08	91.92	51.27	6.43	93.57	89.1	10.87	47.19	1.23	13.9	3.3	47.97	6.95	35.04					
381	<i>Schizophyllum commune</i>	scm	Fungi	7.58546073	1.58546073	38500000	38.5	12.21	6.59	93.41	45.74	5.19	94.81	91.59	8.35	48.2	0.81	11.4	2.36	43.38	5.23	36.78					
382	<i>Gymnopus luxurians</i>	glu	Fungi	7.8213825	1.8213825	66280000	66.28	10.68	36.33	14.78	85.22	75.93	24.19	44.98	2.07	8.63	5.37	30.96	16.64	36.36							
383	<i>Agaricus bisporus</i>	abb	Fungi	7.482687262	1.482687262	30387000	30.387	9.22	90.78	43.83	5.86	91.44	86.21	13.84	45.93	1.05	10.33	3.75	40.08	8.96	35.54						
384	<i>Laccaria bicolor</i>	lbc	Fungi	7.77815125	1.77815125	60000000	60	13	35.85	64.15	37.78	28.46	71.54	62.57	37.69	37.57	4.65	8.33	10.75	27.03	2.87						
385	<i>Coprinopsis cinerea</i>	cci	Fungi	7.568201724	1.568201724	37000000	37	11.84	2.63	97.37	49.92	3.23	96.77	92.33	7.65	42.9	0.32	11.51	1.62	48.3	5.7	31.11					
386	<i>Hebeloma cylindrosporum</i>	hcy	Fungi	7.575303333	1.575303333	37610000	37.61	9.47	9.53	89.86	48.98	5.59	94.41	92.43	7.62	46.19	0.53	10.66	2.74	46.24	4.3	35.52					
387	<i>Galerina marginata</i>	gam	Fungi	7.773932647	1.773932647	59420000	59.42	10.87	9.36	90.64	41.53	9.86	90.14	87.1	12.95	49.66	0.1	9.85	4.09	37.45	7.79	39.81					
388	<i>Hypholoma sublateritium</i>	hsu	Fungi	7.681512587	1.681512587	48030000	48.03	11.1	6.24	93.76	43.24	7.16	92.84	90.67	9.03	50.72	0.69	10.41	3.1	40.16	5.34	40.32					
389	<i>Coniochaeta planiceps</i>	cpi	Fungi	7.100715087	1.100715087	126100000	12.61	3.17	1.89	98.89	41.00	5.17	97.99	97.89	9.15	51.55	0.08	10.76	2.21	30.46	5.57	36.56					
390	<i>Serula lacrymans</i>	sla	Fungi	7.131758624	1.131758624	15845000	15.845	0.19	3.04	96.96	55.1	3.75	94.8	94.8	5.08	50.73	0	1.17	1.85	44.1	3.31	49.58					
391	<i>Debaryomyces haematochiton</i>	dha	Fungi	7.182141652	1.182141652	15220000	15.22	2.56	3.25	96.75	54.73	1.74	98.26	97.77	2.1	44.02	0.07	2.5	0.92	53.75	1.19	41.54					
392	<i>Spatophora passalidum</i>	spa	Fungi	7.086359831	1.086359831	12200000	12.2	0	100	69.34	2.61	97.39	96.72	3.25	29.33	0	0	1.8	67.54	1.48	29.32						
393	<i>Zygotrichomyces rouxi</i>	zro	Fungi	7.657253931	1.657253931	13200000	13.2	1.14	7.56	92.44	61.36	2.42	97.58	96.84	3.12	36.88	0.08	1.22	0.67	32.19	2.67	35.84					
394	<i>Hypotheciphia burtonii</i>	mbi	Fungi	7.093421686	1.093421686	12400000	12.4	1.77	5.81	94.19	68.23	1.61	98.39	96.64	3.22	29.5	0.08	1.69	1.13	67.18	2.16	27.82					
395	<i>Metschnikowia bicuspidata</i>	mci	Fungi	7.425455451	1.425455451	16060000	16.06	1.74	4.58	95.42	47.82	1.42	98.58	95.81	4.13	48.67	0.06	1.68	0.68	47.14	3.43	47.02					</td

		Genome-wide features GENOME CONTENTS with ESTIMATED genome size																				
447	<i>Sclerotinia sclerotiorum</i>	scs	Fungi	7.583198774	1.583198774	38300000	38.3	6.21	5.58	94.42	29.14	4.97	95.03	91.44	8.64	52.56	0.34	5.87	1.44	27.68	6.04	44.33
448	<i>Daldinia eschscholtzii</i>	des	Fungi	7.550105999	1.550105999	35490000	35.49	5.07	2.02	97.98	44.07	0.78	99.22	97.68	2.24	56.35	0.11	4.96	0.34	43.73	1.89	51.65
449	<i>Hypoxyton</i> sp	hyp	Fungi	7.674861141	1.674861141	47300000	47.49	4	1.97	98.03	35.41	0.49	99.51	98.36	1.56	63.12	0.08	3.93	0.17	35.24	1.38	59.19
450	<i>Acremonium alcalophilum</i>	aal	Fungi	7.735758537	1.735758537	54420000	54.42	5.27	33.03	66.97	23.81	2.11	97.89	45.42	54.62	22.1	1.75	3.53	0.5	23.32	52.34	18.57
451	<i>Verticillium dahliae</i>	vda	Fungi	7.529301998	1.529301998	33830000	33.83	5.44	1.82	98.18	44.22	1.58	98.42	95.16	4.82	51.62	0.09	5.32	0.71	43.54	4.04	46.29
452	<i>Trichoderma citrinoviride</i>	tci	Fungi	7.524785449	1.524785449	33480000	33.48	5.94	2.27	97.73	41.13	1.36	98.64	97.75	2.15	57.19	0.15	5.79	0.57	40.56	1.55	51.39
453	<i>Fusarium oxysporum</i>	fox	Fungi	7.777426822	1.777426822	59900000	59.9	4.47	17.03	82.97	34.66	12.17	87.83	77.98	22.03	46.38	0.77	3.71	4.22	30.45	16.85	42.54
454	<i>Gibberella moniliformis</i>	gmf	Fungi	7.613841822	1.613841822	41100000	41.1	5.33	0.62	99.38	42.9	0.51	99.49	98.66	1.31	55.98	0.02	5.28	0.22	42.68	1.09	50.7
455	<i>Nectria haematococca</i>	nha	Fungi	7.735838334	1.735838334	54430000	54.43	4.48	2.36	97.64	39.96	0.82	99.18	96.84	3.15	51.27	0.11	4.39	0.33	39.63	2.67	46.23
456	<i>Magnaporthe poae</i>	mpo	Fungi	7.605305046	1.605305046	40300000	40.3	6.23	1.77	98.23	36.1	1.78	98.22	97.37	2.56	61.18	0.1	6.13	0.65	35.48	1.86	54.94
457	<i>Cryptonectria parasitica</i>	crp	Fungi	7.642167634	1.642167634	43870000	43.87	5.68	8.28	91.72	33.51	1.96	98.04	86.52	13.62	53.66	0.48	5.22	0.66	32.85	12.36	48.45
458	<i>Chaetomium globosum</i>	cgl	Fungi	7.542700969	1.542700969	34890000	34.89	9.29	11.41	88.59	47.09	9.12	90.88	90.23	9.8	47.41	1.06	8.23	4.3	42.82	4.42	39.19
459	<i>Mycelopithora thermophila</i>	mth	Fungi	7.587710965	1.587710965	38700000	38.7	1.27	27.42	72.58	6.85	6.34	93.66	70.65	29.43	64.24	0.34	0.9	0.44	6.41	28.58	63.33
460	<i>Thielavia terrestris</i>	tte	Fungi	7.567026366	1.567026366	36900000	36.9	1.38	20.73	79.27	7.75	6.29	93.71	77.07	22.91	69.81	0.3	1.11	0.49	7.26	22.16	68.72
461	<i>Neurospora crassa</i>	ncr	Fungi	7.587037118	1.587037118	38640000	38.64	5.69	3.78	96.22	37.06	2.15	97.85	91.16	9.94	55.45	0.21	5.46	0.8	36.26	7.85	50.06