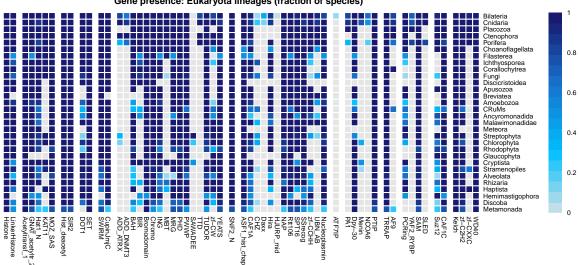
Gene presence: Eukaryota lineages (num species)

Gene presence. Eukaryota inieages (num species)																
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5 5	5 5 4 0 4	5 5	1 5	5 5	0 0 4 0 5 5 3 0 4 4 5	0 0 4 2 4	5	5 4 0 0 5	0 4 5 5 5 0 0 5		0 5 0 0 5	5 0	0 0 4 0	4 4	5 5 0 5	Rhodophyta
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3 3	3 3 3 0 3	3 3	3 3	3 3	0 0 1 1 3 3 2 2 3 3 3 0 0 0 3 0 3 3 2 1 3 3 3	0 0 3 3 3	3	3 2 0 0 3	0 2 3 3 3 1 0 3		0 3 0 0 3	3 0	3 0 3 0	4 3	3 3 0 3	Rhizaria Haptista
2 0	2 1 1 0 2	2 2	2 2	0 2	0 0 0 1 1 2 2 0 2 2 2	0 0 3 3 3	2	2 1 0 0 0	0 2 1 0 1 2 0 2		0 2 0 0 2	2 0	1 0 2 0	2 1	2 2 0 2	Hemimastigophora
14 8	1414 9 0 14	1414	9 14	9 13	0 0 8 4 1411 9 0 101014	0 0 14 5 13	14	1311 1 0 7	0 14 14 14 13 10 0 13		0 14 0 0 12	14 0	0 0 12 0	2 14	1413 0 14	Discoba
4 2	4 3 1 1 3	3 3	0 4	3 1	0 0 1 0 4 2 1 0 3 3 2	0 0 2 0 3	3	3 1 0 0 0	0 1 3 3 2 1 0 1		0 4 0 0 3	3 1	0 0 3 0	1 3	4 3 0 4	Metamonada
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Gene presence: Eukaryota lineages (fraction of species)



Gene presence: Eukaryota lineages (total num genes)

Gene presence: Eukaryota lineages (total num genes)																	
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12 <mark>3</mark> 28438	15 1 1 1 4 4 6 5 17 29	5 9 5365	5 25 11 48	3 12 30238	1 1 5 1 19 9 3 1 3 37 6 2 5 39 26 7 6617 37 16 9678	1 21 4 3 1 8 5 22 17 8	6 6	0 0 0 0 0 0 10 0	2 2 1 1 1 1 1 38 14 9 7 28 8 22		4 11 2 27 1 06 10 16	3 1 48 4	2 19 16 6 3 10	1 2 10 13	37 22 2 42 265 64 45	Ctenophora Porifera	
36 2 31 2	34 2 2 3 7 20 1 2 3 4	7 12 15 10	5 38 4 28 8 95	2 95 5 33	0 0 10 2 38 25 5 4 6 25 8 0	0 0 2 1 2 5		0 0 1 0	2 3 3 2 3 1 3 4 2 3 2 4 0 1		0 10 0 0 16 0 1 0 0 16	7 0	5 0 60 0 2 0 31 0	3 4	43 48 0 292 31 14 0 226	Choanoflagellata Filasterea	
57 4	67 4 4 9 11	2726	8 95	1062	0 0 7 3 65 55 9 0 7 79 14 0	0 7 1 10 9	2 5 4	3 0 4 0	7 11 4 4 1 0 6		0 8 0 0 40	21 0	1 0 32 0	0 13	36 02 0 501	Ichthyosporea	
13 1 8631	22 1 1 1 <mark>3</mark> 51 22 22 22 73	10 6 29 16	1 13 25 86	3 12 26 92	2 1 10 2 3 1 20 3 53 22 1 57 64 2 32 9 41	0 0 1 0 2 2 2 5 5 5 6 0 5 7 5 0	1 1 1): 2321	0 0 1 0 16 0 20 0	2 3 1 1 0 1 5462232341128		0 2 0 0 8 0 29 0 0 57	3 1 90 0	0 0 7 0 3 0 5 0	6 57	8 10 0 05 8914 0 88	Corallochytrea Fungi	
8 1	14 1 1 0 2	8 4	1 8	2 5	0 0 1 1 7 1 0 0 1 4 1 0	0 0 2 0 2 1	1 1 0	0 0 0 0	2 2 1 1 0 0 0		0 0 0 0 1	2 0	0 0 2 0	0 1	2 7 0 79	Discicristoidea	
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44 5	205 2 0 6	28 27 33 26	1 48	9 60	0 0 1 2 26 26 3 0 3 30 7 0	0 5 7 8 8	6 5 2		9 4 3 3 14 0 5		0 9 0 0 37	14 3	4 0 22 0	1 4	445 0 27	CRuMs	
43 <u>4</u> 54 5	247 4 0 10 154 3 0 9	33 26 18 39	2 96 5 104	8 38 18 53	0 4 2 46 26 4 0 2 48 6 0 13 0 55 76 7 0 6 69 9	0 0 <mark>5 2 9 0</mark> 0 0 0 4 4 14 2	5 1 2 5 4	0 0 4 0	9 8 2 5 14 1 9 1011 4 6 23 5 4		0 17 0 0 22 0 22 0 0 57	16 0 19 0	2 0 36 0 3 0 79 0	3 7 7 8	7335 0 61 6625 0 09	Ancyromonadida Malawimonadidae	
16 1	17 2 1 0 2	5 4	0 16	2 4	0 0 1 0 14 4 1 0 1 15 1 0	0 6 1 1 1	8 1 0	0 0 1 0	2 2 1 1 0 0 1		0 0 0 0 10	5 0	2 0 50 0	0 1	42 0 0 78	Meteora	
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195	055 4 0 7	2018	15248 1 53	1242	4 63313 5 2321	7 36 11 20 4 2 4 96	6 5 4	0 0 5 0	5 12 5 6 0 0 5		0 7 0 0 19	15 0	0 0 11 0	7 9	19 78 0 88	Rhodophyta	
19 2 40 1	7 0 0 0 2	3 1	1 10	1 2	0 0 1 0 5 3 1 0 0 4 4 0 0 11 28 39 15 3 3 6 59 15 1	0 0 1 1 1	8 2 0	0000	2 2 0 2 0 0 1 7 3 1 3 4 0 5		0 1 0 0 1	9 0	0 0 8 0 7 0 69 0	1 10	17 1 0 17 87 7 0 526	Glaucophyta	
24241	63 2 <mark>3 6 6</mark> 13(14 9 4228	31 30 5973	1098 10361	8 90 15849	4 29 74 17 1823 37	5 6 4 9 1 0 15 27 14 87	1813		16371416 0 0 12		0 13 1 0 24 0 31 1 0 73	52 O	7 0 59 0 17 0 52 0	5 34	37 7 526 50 02 18 93	Cryptista Stramenopiles	
2522	322016 0 18	9797	54399	14290	0 0 18 0 320312 2 2 6715 0	0 15 14 25	20 7	0 0 5 0	4430171418 0 17		0 83 0 0 62	15 0	9 0 94 0	2 40	99 00 0175	Stramenopiles Alveolata	
52 <u>5</u> 70 4	89 4 6 0 7 24 4 0 8 8	30 24 52 33	1895 16143	5 97 2 56	0 0 2 1 51 38 2 7 5 53 7 0 0 0 5 0 50 3 2 1 3 84 14 0	0 10 12 4 0 0 5 30 5 5	6 2 5 5 2		6 8 3 4 2 0 4 10 7 1 5 10 0 6		0 7 0 0 29 0 12 0 0 18	12 0 10 0	6 0 12 0 5 0 33 0	2 9	20161 55 7288837 11	Rhizaria Hantista	
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num species per group

