

Table 1 | Comparison of *P. tetraurelia* gene characteristics with selected sequenced eukaryotes

Species	Chromalveolates		Plantae				Unikonts			
	Alveolates		Cyanidiophytes <i>C. merolae</i> †	Land plants <i>A. thaliana</i> *	Amoebozoa <i>D. discoideum</i> *	Ascomycetes <i>S. cerevisiae</i> §	Opisthokonts			
	Ciliates <i>P. tetraurelia</i>	Apicomplexa <i>P. falciparum</i> *					<i>C. elegans</i>	<i>D. melanogaster</i> ‡	<i>T. nigroviridis</i> ¶	<i>H. sapiens</i> *
Number of genes	39,642	5,268	5,331	25,498	12,500	5,857	21,003	14,399	23,000	22,287
Mean coding size (amino acids)	454	761	517	437	518	497	441	572	405	509
Genes with introns (%)	80	54	0.5	79	69	5.2	93	78	81	85
Mean intron size (bp)	25	179	248	170	146	207	445	1,558	568	3,365
Mean no. of introns (in spliced genes)	2.9	2.6	1.0	5.4	1.9	1.0	5.1	3.7	7.3	8.1

* Most data are from ref. 45.

† According to ref. 46.

‡ Computed with BDGP4 annotation reported at ensembl34.

§ Computed with SGD1 annotation reported at ensembl34.

|| Computed with CEL150 annotation reported at ensembl34.

¶ Estimated value from ref. 13.

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