

Table S1 *E. cymbalariae* genome summary

CHR	lengths (bp)	coding ¹ (bp)	% encoding	Features	gene		tRNAs	LTRs	#genes with		total length of introns (bp)	telomeric repeats	Accession number
					density/kb	ORFs			introns ²	#of introns			
1	1.110.245	807.030	72.10	541	2.05	530	11	7	33	36	6525	0	CP002497
2	1.601.921	1.172.903	72.82	823	1.95	799	24	13	31	33	6329	1	CP002498
3	1.193.613	876.657	73.16	622	1.99	598	24	16	27	28	3364	1	CP002499
	1.541.034												
4	+rDNA repeat 1.385.851	1.152.108	74.34	792	1.95	767	25	7	38	39	6554	2	CP002500
5	+TY3	1.040.071	74.75	679	2.04	662	17	5	20	20	4127	2	CP002501
6	959.278	687.803	71.31	491	1.95	475	16	7	20	20	3713	1	CP002502
7	980.088	717.760	72.62	480	2.04	466	14	4	31	31	5988	0	CP002503
8	897.456	663.863	73.58	427	2.10	415	12	7	24	25	3471	2	CP002504
total	9.669.486	7.118.195	73.62	4855	2.05	4712	143	66	224	232	40.071	9/16	

1) The values in coding (bp) and % encoding refer to protein encoding genes, while gene density calculations also include tRNA genes.

2) The number of genes with introns refers to protein coding genes. There are also 44 tRNAs with introns.