

S2 Table. The MT genome sizes of fifteen yeasts

Species	All	Gene	Intron	Intergenic
Lmey	35864	13793(38%)	11157(31%)	10914(30%)
Ldas	26326	13940(53%)	5494(21%)	6892(26%)
Lthe	23584	13557(57%)	4326(18%)	5701(24%)
Lklu	51679	13768(27%)	8399(16%)	29512(57%)
Nbac	107123	13114(12%)	0(0%)	94009(88%)
Ccas	50294	13192(26%)	7931(16%)	29171(58%)
Ndel	37016	12971(35%)	5249(14%)	18796(51%)
Cgla	20063	13120(65%)	3989(20%)	2954(15%)
Ncas	25753	13027(51%)	1610(6%)	11116(43%)
Kser	30782	12781(42%)	5176(17%)	12825(42%)
Suva	63999	13565(21%)	8435(13%)	41999(66%)
Skud	72095	13766(19%)	11242(16%)	47087(65%)
Smik	73485	13823(19%)	18228(25%)	41434(56%)
Spar	71355	13531(19%)	11091(16%)	46733(65%)
Scer	85779	13951(16%)	18443(22%)	53385(62%)

Note: The size of genes, introns and intergenic regions in the mtDNA of *L. meyersii* (*Lmey*), *L. dasiensis* (*Ldas*), *L. thermotolerans* (*Lthe*), *L. kluyveri* (*Lklu*), *N. bacillisporus* (*Nbac*), *C. castellii* (*Ccas*), *N. delphensis* (*Ndel*), *C. glabrata* (*Cgla*), *N. castellii* (*Ncas*), *K. servazzii* (*Kser*), *S. uvarum* (*Suva*), *S. kudriavzevii* (*Skud*), *S. mikatae* (*Smik*), *S. paradoxus* (*Spar*), and *S. cerevisiae* (*Scer*).