

Species	Genome (Kb)	Coverage (X fold)	C	CG	CHG	CHH	CA	CC	CT
<i>Oryza sativa</i>	490.5	115	1.5%	4.4%	2.7%	.26%	ND	ND	ND
<i>Selaginella moellendorffii</i>	221.5	328	.09%	.11%	.08%	.08%	ND	ND	ND
<i>Physcomitrella patens</i>	105.3	363	.19%	.19%	.19%	.18%	ND	ND	ND
<i>Volvox carteri</i>	29.6	107	.11%	.29%	.06%	.07%	ND	ND	ND
<i>Tetraodon nigroviridis</i>	16.5	93	.13%	.13%	.16%	.11%	ND	ND	ND
<i>Ciona intestinalis</i>	14.8	52	.12%	.12%	.11%	.12%	ND	ND	ND
<i>Apis mellifera</i>	16.3	775	.09%	.09%	.06%	.09%	ND	ND	ND
<i>Tribolium castaneum</i>	15.9	557	3.6 %	3.3%	3.3%	3.7%	ND	ND	ND
<i>Bombyx mori</i>	15.7	127	.06%	.05%	.08%	.06%	ND	ND	ND
<i>Drosophila melanogaster</i>	19.5	517	.11%	.12%	.11%	.11%	ND	ND	ND
<i>Nematostella vectensis</i>	16.4	305	.10%	.09%	.15%	.10%	ND	ND	ND
<i>Phycomyces blakesleeanus</i>	168.7	56	.13%	.17%	ND	ND	.15%	.11%	.11%
<i>Coprinopsis cinerea</i>	42.4	55	.16%	.16%	ND	ND	.18%	.14%	.14%

Table S2. Bulk methylation statistics for the mitochondrial genome of indicated organisms. ND = not determined.