

**Table 1.** Transposable element contents of some model organisms

species	common name	genome size (Mb)	genomic proportion of		reference
			TEs (%)	DNA transposons (%)	
<i>Escherichia coli</i>	(eubacterium)	4.6	2.0	2.0	Blattner <i>et al.</i> , 1997
<i>Burkholderia mallei</i>	(eubacterium)	5.8	3.1	3.1	Nierman <i>et al.</i> , 2004
<i>Methanobacterium thermoautotrophicum</i>	(archaeon)	1.8	0	0	Smith <i>et al.</i> , 1997
<i>Sulfolobus solfataricus</i>	(archaeon)	3.0	10.5	10.5	She <i>et al.</i> , 2001
<i>Saccharomyces cerevisiae</i>	budding yeast	12	3.1	0	Kim <i>et al.</i> , 1998
<i>Schizosaccharomyces pombe</i>	fission yeast	14	0.35	0	Wood <i>et al.</i> , 2002
<i>Aspergillus oryzae</i>	(filamentous fungus)	36	1.4	0.7	Galagan <i>et al.</i> , 2005
<i>Magnaporthe grisea</i>	(fungal plant pathogen)	40	9.7	2.0	Dean <i>et al.</i> , 2005
<i>Arabidopsis thaliana</i>	mustard weed	125	10	3	Arabidopsis Genome Initiative., 2000, Haas <i>et al.</i> , 2005
<i>Oryza sativa</i>	rice	430	13*	7*	Yu <i>et al.</i> , 2005
<i>Aegilops tauschii</i>	Tausch's goatgrass	4000	>90*	13*	Li <i>et al.</i> , 2004
<i>Caenorhabditis elegans</i>	(nematode worm)	100	6.5	5.3	Lander <i>et al.</i> , 2001
<i>Drosophila melanogaster</i>	fruit fly	121	3.9†	0.3†	Biemont and Vieira, 2005
<i>Anopheles gambiae</i>	malaria mosquito	280	16†	?	Holt <i>et al.</i> , 2002
<i>Fugu rubripes</i>	torafugu (bufferfish)	370	<5	?	Aparicio <i>et al.</i> , 2002
<i>Gallus gallus</i>	chicken	1100	9	0.8	Hillier <i>et al.</i> , 2004
<i>Canis familiaris</i>	dog	2400	35	2.0	Lindblad-Toh <i>et al.</i> , 2005
<i>Mus musculus</i>	mouse	2500	39	0.9	Waterston <i>et al.</i> , 2002, Lindblad-Toh <i>et al.</i> , 2005
<i>Homo sapiens</i>	man	2900	46	3.0	Lander <i>et al.</i> , 2001, Lindblad-Toh <i>et al.</i> , 2005

\* estimate

† euchromatin only