

Estimates of **gene number** and **genome size**.

Evolutionary lineage	Organism	Gene number	Genome size (Mbp)
Prokaryota	<i>Mycoplasma genitalium</i>	473	0.58
	<i>Haemophilus influenzae</i>	1709	1.83
	<i>Bacillus subtilis</i>	4000	4.2
	<i>Escherichia coli</i>	4200	4.6
Fungi	<i>Saccharomyces cerevisiae</i>	6241	13.5
Protoctista	<i>Oxytrichia similis</i>	12000	600
Arthropoda	<i>Drosophila melanogaster</i>	13601	180
Nematoda	<i>Caenorhabditis elegans</i>	18424	97
Chordata	<i>Fugu rubripes</i>	70000	400
	<i>Mus musculus</i>	70000	3500
	<i>Homo sapiens</i>	70000	3500
Plantae	<i>Arabidopsis thaliana</i>	16,000 - 33,000	70-145
	<i>Nicotiana tabacum</i>	43,000	4,500

