

Name	Kingdom	Phylum	Class	Divergence time	Database	Reason for inclusion
<i>H. sapiens</i>	<i>Animalia</i>	<i>Chordata</i>	<i>Mammalia</i>	0 Mya	ENSEMBL v. 56	Human
<i>M. musculus</i>	<i>Animalia</i>	<i>Chordata</i>	<i>Mammalia</i>	91 Mya	ENSEMBL v. 56	Rodent
<i>G. gallus</i>	<i>Animalia</i>	<i>Chordata</i>	<i>Aves</i>	324.5 Mya	ENSEMBL v. 56	Bird
<i>T. rubripes</i>	<i>Animalia</i>	<i>Chordata</i>	<i>Actinopterygii</i>	454.6 Mya	ENSEMBL v. 56	Fish
<i>C. intestinalis</i>	<i>Animalia</i>	<i>Chordata</i>	<i>Ascidacea</i>	797 Mya	ENSEMBL v. 56	Closest invertebrate
<i>D. melanogaster</i>	<i>Animalia</i>	<i>Arthropoda</i>	<i>Insecta</i>	910 Mya	ENSEMBL v. 56	Body symmetry
<i>C. elegans</i>	<i>Animalia</i>	<i>Nematoda</i>	<i>Secernentea</i>	867 Mya (*)	ENSEMBL v. 56	Organs
<i>N. vectensis</i>	<i>Animalia</i>	<i>Cnidaria</i>	<i>Anthozoa</i>	1036 Mya	JGI	Fixed morphology, nervous system
<i>T. adhaerens</i>	<i>Animalia</i>	<i>Placozoa</i>	<i>Tricoplacia</i>	1009 Mya (*)	JGI	First animal, protosynaptic system
<i>S. cerevisiae</i>	<i>Fungi</i>	<i>Ascomycota</i>	<i>Saccharomycetes</i>	1368 Mya	ENSEMBL v. 56	Yeast
<i>D. discoideum</i>	<i>Amoebozoa</i>	<i>Mycetozoa</i>	<i>Dictyostelia</i>	1628 Mya	Dictybase	Social amoeba
<i>A. thaliana</i>	<i>Plantae</i>	<i>Embryophyta</i>	<i>Rosids</i>	1628 Mya	Ensembl Plants	Plant