

**TABLE S1****Eukaryotic genome data used in this study**

Species	Download Website
<i>Saccharomyces cerevisiae</i>	<a href="http://www.yeastgenome.org">http://www.yeastgenome.org</a>
<i>Caenorhabditis elegans</i>	<a href="http://genome.wustl.edu">http://genome.wustl.edu</a>
<i>Drosophila melanogaster</i>	<a href="http://flybase.bio.indiana.edu">http://flybase.bio.indiana.edu</a>
<i>Arabidopsis thaliana</i>	<a href="http://www.arabidopsis.org/">http://www.arabidopsis.org/</a>
<i>Oryza sativa</i>	<a href="http://rice.plantbiology.msu.edu/">http://rice.plantbiology.msu.edu/</a>
<i>Populus trichocarpa</i>	<a href="http://genome.jgi-psf.org/Poptr1_1/Poptr1_1.home.html">http://genome.jgi-psf.org/Poptr1_1/Poptr1_1.home.html</a>
<i>Vitis vinifera</i>	<a href="http://www.genoscope.cns.fr/externe/Download/Projets/Projet_ML/data/">http://www.genoscope.cns.fr/externe/Download/Projets/Projet_ML/data/</a>
<i>Danio rerio</i>	<a href="http://www.sanger.ac.uk">http://www.sanger.ac.uk</a>
<i>Gallus gallus</i>	<a href="http://www.ncbi.nlm.nih.gov/Genomes/">http://www.ncbi.nlm.nih.gov/Genomes/</a>
<i>Homo sapiens</i>	<a href="http://www.sanger.ac.uk">http://www.sanger.ac.uk</a>
<i>Pan troglodytes</i>	<a href="http://www.ncbi.nlm.nih.gov/Genomes/">http://www.ncbi.nlm.nih.gov/Genomes/</a>
<i>Mus musculus</i>	<a href="http://www.sanger.ac.uk">http://www.sanger.ac.uk</a>
<i>Rattus norvegicus</i>	<a href="http://www.ncbi.nlm.nih.gov/Genomes/">http://www.ncbi.nlm.nih.gov/Genomes/</a>