

Table S8. Genome status of organisms in Tables S6 and S7

Organism	Common name	Genome status
<i>Aedes aegypti</i>	mosquito	Assembly
<i>Ailuropoda melanoleuca</i>	giant panda	Assembly
<i>Anolis carolinensis</i>	anole	Assembly
<i>Anopheles gambiae</i> str. PEST	mosquito	Assembly
<i>Apis mellifera</i>	honey bee	Assembly
<i>Biomphalaria glabrata</i>	snail	In Progress
<i>Bos taurus</i>	cow	Assembly
<i>Callithrix jacchus</i>	marmoset	Assembly
<i>Camponotus floridanus</i>	ant	Assembly
<i>Canis lupus familiaris</i>	dog	Assembly
<i>Ciona intestinalis</i>	sea squirt	Assembly
<i>Danio rerio</i>	zebrafish	Assembly
<i>Daphnia pulex</i>	flea	Assembly
<i>Drosophila ananassae</i>	fly	Assembly
<i>Drosophila erecta</i>	fly	Assembly
<i>Drosophila grimshawi</i>	fly	Assembly
<i>Drosophila melanogaster</i>	fruit fly	Assembly
<i>Drosophila mojavensis</i>	fly	Assembly
<i>Drosophila persimilis</i>	fly	Assembly
<i>Drosophila pseudoobscura</i>	fly	Assembly
<i>Drosophila virilis</i>	fly	Complete
<i>Drosophila willistoni</i>	fly	Assembly
<i>Drosophila yakuba</i>	fly	Assembly
<i>Equus caballus</i>	horse	Assembly
<i>Gadus morhua</i>	Atlantic cod	In Progress
<i>Gallus gallus</i>	chicken	Assembly
<i>Gorilla gorilla</i>	gorilla	Assembly
<i>Harpegnathos saltator</i>	ant	Assembly
<i>Homo sapiens</i>	human	Complete
<i>Lemur catta</i>	lemur	In Progress
<i>Lutzomyia longipalpis</i>	sandfly	In Progress
<i>Macaca fascicularis</i>	macaque	In Progress
<i>Macaca mulata</i>	rhesus monkey	Assembly
<i>Meleagris gallopavo</i>	turkey	Assembly
<i>Monodelphis domestica</i>	opossum	Assembly
<i>Mus musculus</i>	mouse	Complete
<i>Nasonia vitripennis</i>	wasp	Assembly
<i>Nematostella vectensis</i>	sea anemone	Assembly
<i>Nomascus leucogenys</i>	gibbon	Assembly
<i>Ornithorhynchus anatinus</i>	platypus	Assembly
<i>Oryctolagus cuniculus</i>	rabbit	Assembly
<i>Ovis aries</i>	sheep	Assembly
<i>Pan paniscus</i>	bonobo	In Progress
<i>Pan troglodytes</i>	chimp	Complete
<i>Pediculus humanus corporis</i>	human body louse	Assembly
<i>Pongo abelii</i>	orangutan	Assembly
<i>Rattus norvegicus</i>	rat	Assembly
<i>Salmo salar</i>	salmon	Not Found
<i>Solenopsis invicta</i>	ant	Assembly
<i>Strongylocentrotus purpuratus</i>	sea urchin	Assembly
<i>Sus scrofa</i>	pig	Assembly
<i>Taeniopygia guttata</i>	songbird	Assembly
<i>Tetraodon nigroviridis</i>	pufferfish	Assembly
<i>Tribolium castaneum</i>	beetle	Assembly
<i>Xenopus laevis</i>	African clawed frog	Not Found
<i>Xenopus tropicalis</i>	western clawed frog	Assembly