

PhyloGenes 1.0 Genomes Stats

This page includes information for the 29 plant genomes included in PhyloGenes v1.0

Detailed information about the [reference genomes and proteins from PANTHER 14.0](#) that are included in PhyloGenes can be found at PANTHERDB.

To cite PANTHER, [use this reference](#).

Scientific Name	Phylogenies Displayed Name	Genome Version	UniProt Reference Version	Total ACTUAL number of protein coding genes (PCG)	Total number of protein coding genes (PCG) in PANTHER families	% of Genes in PANTHER v14
<i>Amborella trichopoda</i>	<i>A. trichopoda</i>	AMTR1.0	2018_04	26308	15685	59.62%
<i>Arabidopsis thaliana</i>	<i>A. thaliana</i>	TAIR10.1	2018_04	27581	24368	88.35%
<i>Brachypodium distachyon</i>	<i>B. distachyon</i>	Brachypodium_distachyon_v3.0	2018_04	26492	23975	90.50%
<i>Brassica rapa</i> subsp. <i>Pekinensis</i>	Chinese cabbage	Brapa_1.0	2018_04	39719	33737	84.94%
<i>Chlamydomonas reinhardtii</i>	<i>C. reinhardtii</i>	Chlamydomonas_reinhardtii_v5.5	2018_04	17608	10573	60.05%
<i>Citrus sinensis</i>	orange	Citrus_sinensis_v1.0	2018_04	26581	21089	79.34%
<i>Cucumis sativus</i>	cucumber	ASM407v2	2018_04	22933	17927	78.17%
<i>Erythranthe guttata</i>	<i>E. guttata</i>	Mimgu1_0	2018_04	26339	23042	87.48%
<i>Glycine max</i>	soybean	Glycine_max_v2.0	2018_04	56626	48302	85.30%
<i>Gossypium hirsutum</i>	cotton	ASM98774v1	2018_04	58466	52336	89.52%
<i>Helianthus annuus</i>	sunflower	HanXRQr1.0	2018_04	49279	36322	73.71%
<i>Hordeum vulgare</i>	barley	IBSC v2	2018_04	34452	24913	72.31%
<i>Medicago truncatula</i>	<i>M. truncatula</i>	MedtrA17_4.0	2018_04	48096	29883	62.13%
<i>Musa acuminata</i>	banana	ASM31385v1	2018_04	35425	27552	77.78%
<i>Nicotiana tabacum</i>	tobacco	Ntab-TN90	2018_04	59342	50517	85.13%
<i>Oryza sativa</i>	rice	IRGSP-1.0	2018_04	43569	26454	60.72%
<i>Ostreococcus tauri</i>	<i>O. tauri</i>	140606	2018_04	7727	5479	70.91%
<i>Phoenix dactylifera</i>	date palm	DPv01	2018_04	24557	22921	93.34%
<i>Physcomitrella patens</i>	<i>P. patens</i>	Phypa V3	2018_04	30837	19132	62.04%
<i>Populus trichocarpa</i>	black cottonwood	Pop_tri_v3	2018_04	41010	34132	83.23%
<i>Prunus persica</i>	peach	Prunus_persica_NCBiv2	2018_04	25514	21587	84.61%
<i>Ricinus communis</i>	castor bean	JCVI_RCG_1.1	2018_04	30207	19859	65.74%
<i>Setaria italica</i>	foxtail millet	Setaria_italica_v2.0	2018_04	34187	25231	73.80%
<i>Solanum lycopersicum</i>	tomato	SL2.50	2018_04	33952	25861	76.17%
<i>Sorghum bicolor</i>	sorghum	Sorghum_bicolor_NCBiv3	2018_04	32590	24763	75.98%

<i>Theobroma cacao</i>	cocoa	Theobroma_cacao_20110822	2018_04	27935	20533	73.50%
<i>Triticum aestivum</i>	wheat	iwgsc_refseqv1.0	2018_04	96567	84371	87.37%
<i>Vitis vinifera</i>	grape	12X	2018_04	29851	23720	79.46%
<i>Zea mays</i>	corn	B73 RefGen_v4	2018_04	39442	32833	83.24%