

PhyloGenes 1.1 Genomes Stats

This page includes information for the 30 plant genomes included in PhyloGenes v1.1 and v1.2.

Detailed information about the [reference genomes and proteins from PANTHER 14.1](#) 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 v14.1
<i>Amborella trichopoda</i>	<i>A. trichopoda</i>	AMTR1.0	2018_04	27267	16875	62%
<i>Arabidopsis thaliana</i>	<i>A. thaliana</i>	TAIR10.1	2018_04	27581	24456	89%
<i>Brachypodium distachyon</i>	<i>B. distachyon</i>	Brachypodium_distachyon_v3.0	2018_04	26492	24067	91%
<i>Brassica rapa</i> subsp. <i>Pekinensis</i>	Chinese cabbage	Brapa_1.0	2018_04	40729	35404	87%
<i>Chlamydomonas reinhardtii</i>	<i>C. reinhardtii</i>	Chlamydomonas_reinhardtii_v5.5	2018_04	17608	10985	62%
<i>Citrus sinensis</i>	orange	Citrus_sinensis_v1.0	2018_04	27723	22558	81%
<i>Cucumis sativus</i>	cucumber	ASM407v2	2018_04	23702	18938	80%
<i>Erythranthe guttata</i>	<i>E. guttata</i>	Mimgu1_0	2018_04	27356	24424	89%
<i>Glycine max</i>	soybean	Glycine_max_v2.0	2018_04	56626	48900	86%
<i>Gossypium hirsutum</i>	cotton	ASM98774v1	2018_04	60302	54864	91%
<i>Helianthus annuus</i>	sunflower	HanXRQr1.0	2018_04	51001	38562	76%
<i>Hordeum vulgare</i>	barley	IBSC v2	2018_04	35505	26849	76%
<i>Medicago truncatula</i>	<i>M. truncatula</i>	MedtrA17_4.0	2018_04	49600	32242	65%
<i>Musa acuminata</i>	banana	ASM31385v1	2018_04	36352	28936	80%
<i>Nicotiana tabacum</i>	tobacco	Ntab-TN90	2018_04	61274	53108	87%
<i>Oryza sativa</i>	rice	IRGSP-1.0	2018_04	43569	26944	62%
<i>Ostreococcus tauri</i>	<i>O. tauri</i>	140606	2018_04	7743	5624	73%
<i>Phoenix dactylifera</i>	date palm	DPv01	2018_04	25519	24077	94%
<i>Physcomitrella patens</i>	<i>P. patens</i>	Phypa V3	2018_04	30837	19575	63%
<i>Populus trichocarpa</i>	black cottonwood	Pop_tri_v3	2018_04	41010	34416	84%
<i>Prunus persica</i>	peach	Prunus_persica_NCBIv2	2018_04	26620	22980	86%
<i>Ricinus communis</i>	castor bean	JCVI_RCG_1.1	2018_04	31097	20991	68%
<i>Setaria italica</i>	foxtail millet	Setaria_italica_v2.0	2018_04	35262	26749	76%
<i>Solanum lycopersicum</i>	tomato	SL2.50	2018_04	33952	26040	77%
<i>Sorghum bicolor</i>	sorghum	Sorghum_bicolor_NCBIv3	2018_04	33648	26247	78%

<i>Theobroma cacao</i>	cocoa	Theobroma_cacao_20110822	2018_04	28920	21759	75%
<i>Triticum aestivum</i>	wheat	iwgsc_refseqv1.0	2018_04	99998	89126	89%
<i>Vitis vinifera</i>	grape	12X	2018_04	29851	23804	80%
<i>Zea mays</i>	corn	B73 RefGen_v4	2018_04	39442	33695	85%
<i>Zostera marina</i>	eelgrass	Zosma_marina.v.2.1	2018_04	20330	17267	85%