

Additional file 2: Plant protein databases used for comparative genomics analysis

species	annotation version	protein database link
cucumber	version 2.0	http://www.icugi.org/cgi-bin/ICuGI/genome/cucumber/download.cgi
Arabidopsis	TAIR version 10	ftp://ftp.arabidopsis.org/home/tair/Sequences/blast_datasets/TAIR10_blastsets/TAIR10_pep_20101214
poplar	phytozome v6.0	ftp://ftp.jgi-psf.org/pub/JGI_data/phytozome/v6.0/Ptrichocarpa/annotation/
apple	version 1.0	http://www.rosaceae.org/system/files/apple_genome/Malus_x_domestica.v1.0.consensus_peptide.fa.gz
strawberry	NA	https://strawberry.plantandfood.co.nz/gbrowse/navbar/strawberry/DownloadData/vescagenemodels2.faa
cacao	version 1	http://cocoagendb.cirad.fr/gbrowse/download/Theobroma_cacao_v1.pep.faa.gz
grape	NA	http://www.genoscope.cns.fr/externe/Download/Projets/Projet_ML/data/12X/annotation/Vitis_vinifera_peptide.fa.gz
papaya	phytozome v6.0	ftp://ftp.jgi-psf.org/pub/JGI_data/phytozome/v6.0/Cpapaya/annotation/Cpapaya_113_peptide.fa.gz
soybean	phytozome v6.0	ftp://ftp.jgi-psf.org/pub/JGI_data/phytozome/v6.0/Gmax/annotation/Gmax_109_peptide.fa.gz
castor bean	release 0.1	ftp://ftp.tigr.org/pub/data/castorbean/release_0.1/TIGR_castorWGS_release_0.1.aa.fsa.gz
Brachypodium	version 1.0	http://files.brachypodium.org/Annotation/Bradi_1.0.pep.faa.gz
maize	release-4a.53	http://ftp.maizesequence.org/release-4a.53/filtered-set/ZmB73_4a.53_filtered_translations.fasta.gz
rice	version 6.1	ftp://ftp.plantbiology.msu.edu/pub/data/Eukaryotic_Projects/o_sativa/annotation_dbs/pseudomolecules/version_6.1/all.dir/all.pep
aorghum	phytozome v6.0	ftp://ftp.jgi-psf.org/pub/JGI_data/phytozome/v6.0/Sbicolor/annotation/Sbicolor_79_peptide.faa.gz