

***Chlamydomonas reinhardtii* (Cr)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Chlorophyta | Chlorophyceae | Chlamydomonadales | Chlamydomonadaceae | Chlamydomonas

Reference:

Phytozome: *Chlamydomonas reinhardtii* (Green algae)

<http://www.phytozome.net/chlamy.php>

Publication:

Merchant SS *et. al.* , *Science* , **318** , 245 (2007).

***Volvox carteri f. nagariensis* (Vc)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Chlorophyta | Chlorophyceae | Chlamydomonadales | Volvocaceae | Volvox | Volvox carteri

Reference:

Phytozome: *Volvox carteri*

<http://www.phytozome.net/volvox.php>

Publication:

Prochnik SE *et. al.* , *Science* , **329** , 223 (2010).

***Ostreococcus RCC809* (Ost)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Chlorophyta | Mamiellophyceae | Mamiellales

Reference

DOE Joint Genome Institute: *Ostreococcus* sp. RCC809 2.0

http://genome.jgi-psf.org/OstRCC809_2/OstRCC809_2.home.html

***Bathycoccus* (Bah)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Chlorophyta | Mamiellophyceae | Mamiellales

Reference

Bioinformatics & Evolutionary Genomics: *Bathycoccus*

<http://bioinformatics.psb.ugent.be/webtools/bogas/overview/Bathy>

Publication:

Monier A *et. al.* , *Environ Microbiol* , **14** , 162 (2012).

***Micromonas pusilla NOUM17* (Mip_b)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Chlorophyta | Mamiellophyceae | Mamiellales | Micromonas

Reference

DOE Joint Genome Institute: *Micromonas pusilla* NOUM17

<http://genome.jgi-psf.org/MicpuN2/MicpuN2.home.html>

Publication:

Worden AZ *et. al.* , *Science* , **324** , 268 (2009).

***Micromonas pusilla CCMP1545* (Mip_a)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Chlorophyta | Mamiellophyceae | Mamiellales | Micromonas | Micromonas pusilla

Reference

DOE Joint Genome Institute: *Micromonas pusilla* CCMP1545

<http://genome.jgi-psf.org/MicpuC2/MicpuC2.home.html>

Publication:

Worden AZ *et. al.* , *Science* , **324** , 268 (2009).

***Ostreococcus lucimarinus* (Osl)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Chlorophyta | Mamiellophyceae | Mamiellales | *Ostreococcus*

Reference

DOE Joint Genome Institute: *Ostreococcus lucimarinus*

http://genome.jgi-psf.org/Ost9901_3/Ost9901_3.home.html

Publication:

Palenik B *et. al.* , *Proc Natl Acad Sci U S A* , **104** , 7705 (2007).

***Ostreococcus tauri* (Ot)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Chlorophyta | Mamiellophyceae | Mamiellales | *Ostreococcus*

Reference

DOE Joint Genome Institute: *Ostreococcus tauri*

<http://genome.jgi-psf.org/Ostva4/Ostva4.home.html>

Publication:

Derelle E *et. al.* , *Proc Natl Acad Sci U S A* , **103** , 11647 (2006).

***Chlorella vulgaris* (Chv)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Chlorophyta | Trebouxiophyceae | Chlorellales | Chlorellaceae | *Chlorella*

Reference

DOE Joint Genome Institute: *Chlorella vulgaris*

<http://genome.jgi-psf.org/Chlvu1/Chlvu1.home.html>

***Asterochloris* sp. Cgr/DA1pho (Ahs)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Chlorophyta | Trebouxiophyceae | Microthamniales | *Asterochloris*

Reference

DOE Joint Genome Institute: *Asterochloris* sp. Cgr/DA1pho v1.0

<http://genome.jgi.doe.gov/Astpho1/Astpho1.home.html>

***Chlorella* NC64A (Chl)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Chlorophyta | Trebouxiophyceae | Prasiolales | Prasiolales incertae sedis

Reference

DOE Joint Genome Institute: Chlorella NC64A

http://genome.jgi-psf.org/ChlNC64A_1/ChlNC64A_1.home.html

Publication:

Blanc G *et. al.* , *Plant Cell* , **22** , 2943 (2010).

***Physcomitrella patens* (Php)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Bryophyta | Bryophytina | Bryopsida | Funariidae | Funariales | Funariaceae | Physcomitrella

Reference

Phytozome: Physcomitrella patens (Moss)

<http://www.phytozome.net/physcomitrella.php>

Publication:

Rensing SA *et. al.* , *Science* , **319** , 64 (2008).

***Phoenix dactylifera* (Phd)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Arecales | Arecaceae | Coryphoideae | Phoenixaceae | Phoenix

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=ACYX02000001>

Publication:

Al-Dous EK *et. al.* , *Nat Biotechnol* , **29** , 521 (2011).

***Oryza sativa Indica group* (Os_b)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Poales | Poaceae | BEP clade | Ehrhartoideae | Oryzeae | Oryza

Reference

Beijing Genomics Institute: Rice Information System

<http://rice.genomics.org.cn/rice/index2.jsp>

Publication/s:

Xie K *et. al.* , *Sci China C Life Sci* , **48** , 445 (2005).

Zhang J *et. al.* , *Plant J* , **42** , 772 (2005).

Yu J *et. al.* , *PLoS Biol* , **3** , e38 (2005).

Matsumoto T *et. al.* , *Nature* , **436** , 793 (2005).

Feng Q *et. al.* , *Nature* , **420** , 316 (2002).

Yu J *et. al.* , *Science* , **296** , 79 (2002).

***Oryza brachyantha* (Orb)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Poales | Poaceae | BEP clade | Ehrhartoideae | Oryzeae | Oryza

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=AGAT01000001>

***Oryza glaberrima* (Org)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Poales | Poaceae | BEP clade | Ehrhartoideae | Oryzeae | Oryza

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=ADWL01000001>

***Oryza sativa Japonica group* (Os_a)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Poales | Poaceae | BEP clade | Ehrhartoideae | Oryzeae | Oryza | Oryza sativa

Reference

Phytozome: Oryza sativa (Rice)

<http://www.phytozome.net/rice.php>

Publication/s:

Yamamoto T *et. al.* , *BMC Genomics* , **11** , 267 (2010).

Yu J *et. al.* , *PLoS Biol* , **3** , e38 (2005).

Jantasuriyarat C *et. al.* , *Plant Physiol* , **138** , 105 (2005).

Matsumoto T *et. al.* , *Nature* , **436** , 793 (2005).

Kikuchi S *et. al.* , *Science* , **301** , 376 (2003).

Sasaki T *et. al.* , *Nature* , **420** , 312 (2002).

Goff SA *et. al.* , *Science* , **296** , 92 (2002).

***Brachypodium distachyon* Bd21 (Bd)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Poales | Poaceae | BEP clade | Pooideae | Brachypodieae | Brachypodium

Reference

Phytozome: Brachypodium distachyon (Purple false brome)

<http://www.phytozome.net/brachy.php>

Publication:

International Brachypodium Initiative *et. al.* , *Nature* , **463** , 763 (2010).

***Hordeum vulgare subsp. vulgare* (Hv)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Poales | Poaceae | BEP clade | Pooideae | Triticeae | Hordeum | Hordeum vulgare

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=CAJV010000001>

Publication:

Mayer KF *et. al.* , *Nature* , **491** , 711 (2012).

***Sorghum bicolor* (Sob)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Poales | Poaceae | PACMAD clade | Panicoideae | Andropogoneae | Sorghum

Reference

Phytozome: Sorghum bicolor (Cereal grass)

<http://www.phytozome.net/sorghum.php>

Publication:

Paterson AH *et. al.* , *Nature* , **457** , 551 (2009).

***Zea mays B73* (Zm)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Poales | Poaceae | PACMAD clade | Panicoideae | Andropogoneae | Zea

Reference

Phytozome: Zea mays (Corn)

<http://www.phytozome.net/maize.php>

Publication:

Schnable PS *et. al.* , *Science* , **326** , 1112 (2009).

***Panicum virgatum* (Pnv)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Poales | Poaceae | PACMAD clade | Panicoideae | Paniceae | Panicum

Reference

Phytozome: Panicum virgatum (Switchgrass)

<http://www.phytozome.org/panicumvirgatum.php>

***Setaria italica* (Sei)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Poales | Poaceae | PACMAD clade | Panicoideae | Paniceae | Setaria

Reference

Phytozome: Setaria italica (Foxtail millet)

<http://www.phytozome.net/foxtailmillet.php>

Publication/s:

Bennetzen JL *et. al.* , *Nat Biotechnol* , **30** , 555 (2012).

Liu X *et. al.* , *GigaScience*

***Musa acuminata subsp. malaccensis* (Mua)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | Liliopsida | commelinids | Zingiberales | Musaceae | Musa | Musa acuminata

Reference

Genoscope: Banana Genome

<http://banana-genome.cirad.fr/index.html>

Publication:

D'Hont A *et. al.* , *Nature* , **488** , 213 (2012).

***Amborella trichopoda* (Abt)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | basal Magnoliophyta | Amborellales | Amborellaceae | Amborella

Reference

Amborella Genome Database

<http://www.amborella.org/>

***Beta vulgaris* (Bev)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | Caryophyllales | Amaranthaceae | Beta

Reference

Max Planck Institute for Molecular Genetics: The Beta vulgaris Resource

<http://bvseq.molgen.mpg.de/index.shtml>

Publication/s:

Herwig R *et. al.* , *Plant J* , **32** , 845 (2002).

***Lactuca sativa* (Las)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | asterids | campanulids | Asterales | Asteraceae | Cichorioideae | Cichorieae | Lactucinae | Lactuca

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=AFSA01000001>

***Mimulus guttatus* (Mig)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | asterids | lamiids | Lamiales | Phrymaceae | Mimulus

Reference

Phytozome: *Mimulus guttatus* (Monkey flower)

<http://www.phytozome.net/mimulus.php>

***Nicotiana benthamiana* (Nb)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | asterids | lamiids | Solanales | Solanaceae | Nicotianoideae | Nicotianeae | Nicotiana

Reference

Boyce Thompson Institute: sol genomics network

http://solgenomics.net/organism/Nicotiana_benthamiana/genome

***Solanum tuberosum* (St)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | asterids | lamiids | Solanales | Solanaceae | Solanoideae | Solaneae | Solanum

Reference

(GIGA)nDB: Potato

<http://gigadb.org/potato/>

Publication/s:

Xu X *et. al.* , *Nature* , **475** , 189 (2011).

Potato Genome Sequencing Consortium *et. al.* , *GigaScience*

***Lycopersicon esculentum* (Le)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | asterids | lamiids | Solanales | Solanaceae | Solanoideae | Solaneae | Solanum | Lycopersicon

Reference

Kazusa DNA Research Institute: Tomato SBM Database

<http://www.kazusa.or.jp/tomato/>

Publication:

, *Nature* , **485** , 635 (2012).

***Solanum pimpinellifolium* (Sop)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | asterids | lamiids | Solanales | Solanaceae | Solanoideae | Solaneae | Solanum | Lycopersicon

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=AGFK01000001>

***Citrullus lanatus* (Ctl)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Cucurbitales | Cucurbitaceae | Benincaseae | Citrullus

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=AGCB01000001>

Publication/s:

Guo S *et. al.* , *Nat Genet* , **45** , 51 (2012).

***Cucumis melo* (Cum)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Cucurbitales | Cucurbitaceae | Benincaseae | Cucumis

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=CAJI01000001>

Publication/s:

Garcia-Mas J *et. al.* , *Proc Natl Acad Sci U S A* , **109** , 11872 (2012).

***Cucumis sativus* (Cus)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Cucurbitales | Cucurbitaceae | Benincaseae | Cucumis

Reference

Phytozome: *Cucumis sativus* (Cucumber)

<http://www.phytozome.net/cucumber.php>

Publication/s:

Huang S *et. al.* , *GigaScience* Huang S *et. al.* , *Nat Genet* , **41** , 1275 (2009).

***Cajanus cajan* (Cjc)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Fabales | Fabaceae | Papilionoideae | Phaseoleae | Cajanus

Reference

(GIGA)nDB: Pigeonpea

<http://gigadb.org/pigeonpea/>

Publication/s:

Varshney RK *et. al.* , *Nat Biotechnol* , **30** , 83 (2012).

Varshney RK *et. al.* , *GigaScience* , (2011).

***Glycine max* (Glm)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Fabales | Fabaceae | Papilionoideae | Phaseoleae | Glycine

Reference

Phytozome: Glycine max (Soybean)

<http://www.phytozome.net/soybean.php>

Publication/s:

Schmutz J *et. al.* , *Nature* , **463** , 178 (2010).

Kim MY *et. al.* , *Proc Natl Acad Sci U S A* , **107** , 22032 (2010).

***Phaseolus vulgaris* (Phv)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Fabales | Fabaceae | Papilionoideae | Phaseoleae | Phaseolus

Reference

Phytozome: Phaseolus vulgaris (Common bean)

<http://www.phytozome.org/commonbean.php>

***Medicago truncatula* (Mt)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Fabales | Fabaceae | Papilionoideae | Trifolieae | Medicago

Reference

Phytozome: Medicago truncatula (Barrel medic)

<http://www.phytozome.net/medicago.php>

Publication/s:

Young ND *et. al.* , *Nature* , **480** , 520 (2011).

***Betula nana* (Ben)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Fagales | Betulaceae | Betula

Reference

Data from: Genome sequence of dwarf birch (*Betula nana*) and cross-species RAD markers

<http://datadryad.org/resource/doi:10.5061/dryad.v5gd2>

***Ricinus communis* (Ric)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Malpighiales | Euphorbiaceae | Acalyphoideae | Acalypheae | Ricinus

Reference

Phytozome: Ricinus communis (Castor bean plant)

<http://www.phytozome.org/ricinus.php>

Publication/s:

Chan AP *et. al.* , *Nat Biotechnol* , **28** , 951 (2010).

***Jatropha curcas* (Jc)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Malpighiales | Euphorbiaceae | Crotonoideae | Jatrophaeae | Jatropha

Reference

Kazusa DNA Research Institute: Jatropha Genome DataBase

<http://www.kazusa.or.jp/jatropha/>

Publication/s:

Sato S *et. al.* , *DNA Res* , **18** , 65 (2011).

***Manihot esculenta* (Me)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Malpighiales | Euphorbiaceae | Crotonoideae | Manihoteae | Manihot

Reference

Phytozome: Manihot esculenta (cassava)

<http://www.phytozome.net/cassava.php>

***Linum usitatissimum* (Lu)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Malpighiales | Linaceae | Linum

Reference

Phytozome: Linum usitatissimum (Flax)

<http://www.phytozome.org/flax.php>

Publication/s:

Wang Z *et. al.* , *Plant J* , **72** , 461 (2012).

***Populus trichocarpa* (Pot)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Malpighiales | Salicaceae | Saliceae | Populus

Reference

Phytozome: Populus trichocarpa (Western poplar)

<http://www.phytozome.net/poplar.php>

Publication:

Tuskan GA *et. al.* , *Science* , **313** , 1596 (2006).

***Cannabis sativa* (Cns)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Rosales | Cannabaceae | Cannabis

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=AGQN01000001>

Publication:

van Bakel H *et. al.* , *Genome Biol* , **12** , R102 (2011).

***Prunus persica* (Pup)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Rosales | Rosaceae | Amygdaloideae | Amygdaleae | Prunus

Reference

Phytozome: *Prunus persica* (Peach)

<http://www.phytozome.net/peach>

***Malus x domestica* (Mad)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Rosales | Rosaceae | Amygdaloideae | Maleae | Malus

Reference

Phytozome: *Malus domestica* (apple)

<http://www.phytozome.org/apple.php>

Publication/s:

Velasco R *et. al.* , *Nat Genet* , **42** , 833 (2010).

***Pyrus x bretschneideri* (Pxb)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Rosales | Rosaceae | Amygdaloideae | Maleae | Pyrus

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=AJSU01000001>

***Fragaria vesca* (Frv)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | fabids | Rosales | Rosaceae | Rosoideae | Potentilleae | Fragariinae | Fragaria

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=AEMH01000001>

Publication:

Shulaev V *et. al.* , *Nat Genet* , **43** , 109 (2010).

***Brassica rapa subsp. pekinensis* (Brsp)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Brassicales | Brassicaceae | Brassiceae | Brassica | Brassica rapa

Reference

Phytozome: *Brassica rapa* (Turnip mustard)

<http://www.phytozome.org/napacabbage.php>

Publication/s:

Wang X *et. al.* , *Nat Genet* , **43** , 1035 (2011).

Wang X *et. al.* , *GigaScience* , (2011).

Mun JH *et. al.* , *Genome Biol* , **11** , R94 (2010).

***Arabidopsis lyrata* (Arl)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Brassicales | Brassicaceae | Camelineae | Arabidopsis

Reference

Phytozome: *Arabidopsis lyrata* (Lyrate rockcress)

<http://www.phytozome.net/alyrata.php>

Publication:

Hu TT *et. al.* , *Nat Genet* , **43** , 476 (2011).

***Arabidopsis thaliana* (At)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Brassicales | Brassicaceae | Camelineae | Arabidopsis

Reference

Phytozome: *Arabidopsis thaliana* (Thale cress)

<http://www.phytozome.net/arabidopsis.php>

Publication/s:

Schmid KJ *et. al.* , *Genome Res* , **13** , 1250 (2003).

Seki M *et. al.* , *Science* , **296** , 141 (2002).

Tabata S *et. al.* , *Nature* , **408** , 823 (2000).

Asamizu E *et. al.* , *DNA Res* , **7** , 175 (2000).

Theologis A *et. al.* , *Nature* , **408** , 816 (2000).

Arabidopsis Genome Initiative , *Nature* , **408** , 796 (2000).

Salanoubat M *et. al.* , *Nature* , **408** , 820 (2000).

Lin X *et. al.* , *Nature* , **402** , 761 (1999).

Mayer K *et. al.* , *Nature* , **402** , 769 (1999).

***Capsella rubella* (Cpr)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Brassicales | Brassicaceae | Camelineae | Capsella

Reference

Phytozome: *Capsella rubella* (Red shepherd's purse)

<http://www.phytozome.org/capsella.php>

***Eutrema parvulum* (Eup)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Brassicales | Brassicaceae | Eutremeae | Eutrema

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=AFAN01000001>

Publication:

Dassanayake M *et. al.* , *Nat Genet* , **43** , 913 (2011).

***Eutrema halophilum* (Euh)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Brassicales | Brassicaceae | Eutremeae | Eutrema

Reference

Phytozome: *Thellungiella halophila* (Salt cress)

<http://www.phytozome.net/thellungiella.php>

***Eutrema salsugineum* (Ets)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Brassicales | Brassicaceae | Eutremeae | Eutrema

Reference

GenBank - NIH genetic sequence database:

<http://www.ncbi.nlm.nih.gov/Traces/wgs/?val=AHIU01000001>

Publication:

Wu HJ *et. al.* , *Proc Natl Acad Sci U S A* , **109** , 12219 (2012).

***Carica papaya* (Cip)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Brassicales | Caricaceae | Carica

Reference

Phytozome: *Carica papaya* (Papaya)

<http://www.phytozome.net/papaya.php>

Publication:

Ming R *et. al.* , *Nature* , **452** , 991 (2008).

***Theobroma cacao* (The)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Malvales | Malvaceae | Byttnerioideae | Theobroma

Reference

Cacao Genome Database: Cacao Genome Sequencing

<http://www.cacaogenomedb.org/>

Publication:

Argout X *et. al.* , *Nat Genet* , **43** , 101 (2011).

***Gossypium raimondii* (Gor)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Malvales | Malvaceae | Malvoideae | Gossypium

Reference

Phytozome: *Gossypium raimondii*

<http://www.phytozome.net/cotton.php>

Publication/s:

Paterson AH *et. al.* , *Nature* , **492** , 423 (2012).

Wang K *et. al.* , *Nat Genet* , **44** , 1098 (2012).

***Eucalyptus grandis* (Eug)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Myrtales | Myrtaceae | Eucalyptus

Reference

Phytozome: *Eucalyptus grandis* (Eucalyptus)

<http://www.phytozome.net/eucalyptus.php>

***Eucalyptus camaldulensis* (Euc)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Myrtales | Myrtaceae | Eucalyptus

Reference

Kazusa DNA Research Institute: *Eucalyptus camaldulensis* Genome Database

<http://www.kazusa.or.jp/eucaly/>

Publication:

Hirakawa H *et. al.* , *Plant Biotechnol* , **28** , 471 (2011).

***Citrus sinensis* (Cts)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons |

core eudicotyledons | rosids | malvids | Sapindales | Rutaceae | Citrus

Reference

Phytozome: Citrus sinensis (Sweet orange)

<http://www.phytozome.net/citrus.php>

Publication:

Xu Q *et. al.* , *Nat Genet* , **45** , 59 (2012).

***Citrus clementina* (Cic)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | malvids | Sapindales | Rutaceae | Citrus

Reference

Phytozome: Citrus clementina (Clementine)

<http://www.phytozome.net/clementine.php>

***Vitis vinifera* (Vv)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | core eudicotyledons | rosids | rosids incertae sedis | Vitales | Vitaceae | Vitis

Reference

Phytozome: Vitis vinifera (Wine grape)

<http://www.phytozome.net/grape.php>

Publication/s:

Velasco R *et. al.* , *PLoS ONE* , **2** , e1326 (2007).

Jaillon O *et. al.* , *Nature* , **449** , 463 (2007).

***Aquilegia coerulea* (Aqc)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Euphyllophyta | Spermatophyta | Magnoliophyta | eudicotyledons | stem eudicotyledons | Ranunculales | Ranunculaceae | Aquilegia

Reference

Phytozome: Aquilegia coerulea (Colorado blue columbine)

<http://www.phytozome.net/aquilegia.php>

***Selaginella moellendorffii* (Sem)**

Taxonomy:

cellular organisms | Eukaryota | Viridiplantae | Streptophyta | Streptophytina | Embryophyta | Tracheophyta | Lycopodiophyta | Isoetopsida | Selaginellales | Selaginellaceae | Selaginella

Reference

Phytozome: Selaginella moellendorffii (Spikemoss)

<http://www.phytozome.net/selaginella.php>

Publication:

Banks JA *et. al.* , *Science* , **332** , 960 (2011).