

	Division or order	Family	Species	Common name	Source	# of ERT open reading frames	# of ERT loci	ERT loci / Mb
Green algae	Volvocales	Volvocaceae	<i>Volvox carteri</i>		Phytozome v11	0	0	NA
	Chlorophyta	Chlamydomonadaceae	<i>Chlamydomonas reinhardtii</i>		Phytozome v11	0	0	NA
	Chlorophyta	Coccomyxaceae	<i>Coccomyxa sp. C-169</i>		Phytozome v11	0	0	NA
	Charophyta	Characeae	<i>Chara braunii</i>		Phytozome v11	0	0	NA
Basal land plants	Lycophyta	Selaginellaceae	<i>Selaginella moellendorffii</i>		Phytozome v11	0	0	NA
	Bryophyta	Funariaceae	<i>Physcomitrella patens</i>	Spreading earthmoss	Phytozome v11	0	0	NA
Gymnosperms	Ginkgophyta	Ginkgoaceae	<i>Ginkgo biloba</i>	Ginkgo	http://gigadb.org/dataset/100209	187	571	0,056449648
	Pinales	Pinaceae	<i>Picea abies</i>	Norway spruce	http://congenie.org/	417	664	0,055248525
	Pinales	Pinaceae	<i>Picea glauca</i>	White spruce	http://congenie.org/	804	1396	0,055863526
	Pinales	Pinaceae	<i>Pinus taeda</i>	Loblolly pine	http://congenie.org/	1058	2364	0,115136272
Angiosperms	Amborellales	Amborellaceae	<i>Amborella trichopoda</i>	Amborella	Phytozome v11	422	698	1,044508136
	Alismatales	Zosteraceae	<i>Zostera marina</i>	Common eelgrass	https://bioinformatics.psb.ugent.be/gdb/zostera/annotation/v2.2/nuclear/	0	0	0
	Liliales	Dioscoreaceae	<i>Dioscorea alata</i>	Yam	https://www.ncbi.nlm.nih.gov/nuccore/CZHE00000000.2	63	94	0,15146657
	Asparagales	Orchidaceae	<i>Phalaenopsis equestris</i>	Orchid	https://www.ncbi.nlm.nih.gov/nuccore/APLD000000000.1 , another one is https://www.ncbi.nlm.nih.gov/genome/11403	17	44	0,044738057
	Poales	Poaceae	<i>Zea mays B73</i>	Maize	Ensembl 33	0	0	0
	Poales	Poaceae	<i>Setaria italica</i>	Foxtail millet	Phytozome v11	9	13	0,032426306
	Poales	Poaceae	<i>Brachypodium distachyon</i>	Purple false brome	Ensembl 33	13	19	0,070167346
	Poales	Poaceae	<i>Oryza sativa</i>	Rice	Phytozome v11	36	41	0,109755527
	Poales	Poaceae	<i>Oryza brachyantha</i>		Ensembl 33	0	0	0
	Zingiberales	Musaceae	<i>Musa acuminata</i>	Banana	http://banana-genome-hub.southgreen.fr/	22	22	0,054248897
	Areciales	Arecaceae	<i>Elaeis guineensis</i>	Oil palm	https://www.ncbi.nlm.nih.gov/nuccore/ASIS000000000.1	7	39	0,036898614
	Poales	Bromeliaceae	<i>Ananas comosus</i>	Pineapple	https://genomevolution.org/CoGe/NotebookView.pl?nid=937	10	12	0,031990854
	Brassicales	Brassicaceae	<i>Brassica rapa</i>	Oilseed	Ensembl 33	7	7	0,023434902
	Brassicales	Brassicaceae	<i>Schrenkiella parvula</i>		http://thellungiella.org/data/	0	0	0
	Brassicales	Brassicaceae	<i>Eutrema salsugineum</i>		Phytozome v11	44	54	0,226439532
	Brassicales	Brassicaceae	<i>Arabidopsis thaliana</i>	Thale cress	TAIR10	0	0	0
	Brassicales	Brassicaceae	<i>Arabidopsis lyrata</i>		Phytozome v11	28	31	0,168689923
	Brassicales	Brassicaceae	<i>Arabidopsis alpina</i>	Alpine rock-cress	https://www.ncbi.nlm.nih.gov/nuccore/JNGA000000000.1	12	16	0,056657708
	Brassicales	Brassicaceae	<i>Capella rubella</i>	Pink shepherd's purse	Phytozome v11	1	5	0,038439387
	Brassicales	Brassicaceae	<i>Tarenaya hassleriana</i>	Spider flower	https://www.ncbi.nlm.nih.gov/nuccore/AOUJ000000000.1	8	16	0,073009328
	Brassicales	Caricaceae	<i>Carica papaya</i>	Papaya	Phytozome v11	0	0	0
	Malvales	Sterculiaceae	<i>Theobroma cacao</i>	Cacao	Phytozome v11	4	26	0,078549162
	Malvales	Malvaceae	<i>Gossypium raimondii</i>	Cotton	Phytozome v11	51	151	0,201849661
	Sapindales	Rutaceae	<i>Citrus sinensis</i>	Sweet orange	Phytozome v11	332	575	2,277119658
	Myrtales	Myrtaceae	<i>Eucalyptus grandis</i>	Eucalypt	Phytozome v11	189	351	0,548040878
	Malpighiales	Salicaceae	<i>Populus trichocarpa</i>	Poplar	Phytozome v11	23	50	0,118221705
	Malpighiales	Euphorbiaceae	<i>Ricinus communis</i>	Castor bean	Phytozome v11	465	672	1,994323275
	Malpighiales	Euphorbiaceae	<i>Hevea brasiliensis</i>	Rubber tree	https://www.ncbi.nlm.nih.gov/nuccore/LVXX000000000.1	253	524	0,405079459
	Fagales	Fagaceae	<i>Quercus robur</i>	Oak	Piomion et al.	194	264	0,334066748
	Violales	Cucurbitaceae	<i>Cucumis sativus</i>	Cucumber	Phytozome v11	2	3	0,015600953
	Cucurbitales	Cucurbitaceae	<i>Citrullus lanatus</i>	Watermelon	ftp://www.icubi.org/pub/genome/watermelon/97103/	4	13	0,040453475
	Rosales	Rosaceae	<i>Fragaria vesca</i>	Strawberry	Phytozome v11	46	85	0,441156312
	Rosales	Rosaceae	<i>Malus x domestica</i>	Apple	Phytozome v11	127	187	0,214725449
	Rosales	Rosaceae	<i>Prunus persica</i>	Peach	Phytozome v11	75	95	0,422904579
	Rosales	Cannabaceae	<i>Cannabis sativa</i>	Cannabis	https://www.ncbi.nlm.nih.gov/nuccore/MNPR000000000.1	7	9	0,015362985
	Fabales	Fabaceae	<i>Cajanus cajan</i>	Pigeon pea	https://www.ncbi.nlm.nih.gov/nuccore/AGCT000000000.1	100	140	0,25072461
	Fabales	Fabaceae	<i>Lotus japonicus</i>		ftp://ftp.kazusa.or.jp/pub/lotus/lotus_r3.0/	104	101	0,256057493
	Fabales	Fabaceae	<i>Medicago truncatula</i>	Barrelclover	ftp://ftp.icvi.org/pub/data/m_truncatula/MT4.0/Assembly/	5	9	0,023135294
	Fabales	Fabaceae	<i>Glycine max</i>	Soybean	Phytozome v11	160	240	0,251202952
	Saxifragales	Crassulaceae	<i>Kalanchoe fedtschenkoi</i>		Phytozome v11	31	34	0,140871414
	Rhamnales	Vitaceae	<i>Vitis vinifera</i>	Grape	Phytozome v11	84	164	0,348785751
	Proteales	Nelumbonaceae	<i>Nelumbo nucifera</i>	Sacred lotus	https://www.ncbi.nlm.nih.gov/nuccore/AQOG000000000.1	1	16	0,022597262
	Solanales	Solanaceae	<i>Solanum pennellii</i>	Wild tomato	ftp://ftp.solgenomics.net/genomes/	239	398	0,454630826
	Solanales	Solanaceae	<i>Solanum lycopersicum</i>	Tomato	ftp://ftp.solgenomics.net/genomes/	154	369	0,500218863
	Solanales	Solanaceae	<i>Solanum tuberosum</i>	Potato	ftp://ftp.solgenomics.net/genomes/	164	340	0,536192857
	Solanales	Solanaceae	<i>Capsicum annuum - Zunla</i>	Bell pepper	https://www.ncbi.nlm.nih.gov/nuccore/ASJU000000000.1	967	1467	0,542243037
	Solanales	Solanaceae	<i>Solanum melongena</i>	Eggplant	ftp://ftp.solgenomics.net/genomes/	37	146	0,17524736
	Solanales	Solanaceae	<i>Petunia axillaris</i>	White moon petunia	ftp://ftp.solgenomics.net/genomes/	145	176	0,144508934
	Solanales	Solanaceae	<i>Petunia inflata</i>	Violet petunia	ftp://ftp.solgenomics.net/genomes/	149	182	0,151701508
	Solanales	Solanaceae	<i>Nicotiana tabacum</i>	Tobacco	https://www.ncbi.nlm.nih.gov/nuccore/AYMY000000000.1	414	776	0,219344693
	Solanales	Solanaceae	<i>Nicotiana sylvestris</i>	Woodland tobacco	https://www.ncbi.nlm.nih.gov/nuccore/493002186	246	421	0,205588152
	Solanales	Solanaceae	<i>Nicotiana tomentosiformis</i>		https://www.ncbi.nlm.nih.gov/nuccore/497187505	176	331	0,201517158
	Scrophulariales	Scrophulariaceae	<i>Mimulus guttatus</i>	Monkey flower	Phytozome v11	49	56	0,193178151
	Rubiales	Rubiaceae	<i>Coffea canephora</i>	Coffee	http://coffee-genome.org/coffeeacanephora	113	155	0,328866128
	Asterales	Asteraceae	<i>Conyza canadensis</i>	Horseweed	https://www.ncbi.nlm.nih.gov/nuccore/JSWR000000000.1	1	5	0,015329655
	Asterales	Asteraceae	<i>Lactuca sativa</i>	Lettuce	https://www.ncbi.nlm.nih.gov/nuccore/AFSA000000000.1	4	22	0,01940622
	Theales	Actinidiaceae	<i>Actinidia chinensis</i>	Kiwi fruit	https://www.ncbi.nlm.nih.gov/nuccore/AON500000000.1	53	91	0,150608106
	Ericales	Ericaceae	<i>Vaccinium corymbosum</i>	Blueberry	http://www.jgibquickload.org/blueberry/V_corymbosum_Aug_2015/	12	13	0,045512188
	Ericales	Ericaceae	<i>Vaccinium macrocarpon</i>	Cranberry	https://www.ncbi.nlm.nih.gov/nuccore/IOT000000000.1	4	12	0,028944927
	Caryophyllales	Amaranthaceae	<i>Beta vulgaris</i>	Sugar beet	http://bvseq.molgen.mpg.de/Genome/download/RefBeet-1.2/	15	20	0,038621505
	Ranunculales	Ranunculaceae	<i>Aquilegia caerulea</i>	Columbine	Phytozome v10	67	73	0,249083539
	Proteales	Proteaceae	<i>Macadamia integrifolia</i>	Macadamia nut	http://www.ebi.ac.uk/ena/data/view/FLKO01000000	13	27	0,06031307
Ferns	Polypodiopsida	Gleicheniales	<i>Dipteris conjugata</i>		http://digitalcommons.usu.edu/fern_genome/2/	11	50	no complete genome
	Polypodiopsida	Cyatheales	<i>Plagiogyria formosana</i>		http://digitalcommons.usu.edu/fern_genome/2/	3	10	no complete genome
	Polypodiopsida	Pteridaceae	<i>Ceratopteris richardii</i>		http://digitalcommons.usu.edu/fern_genome/2/	0	20	no complete genome
	Polypodiopsida	Dennstaedtiaceae	<i>Pteridium aquilinum</i>	Eagle fern	http://digitalcommons.usu.edu/fern_genome/2/	1	36	no complete genome
	Polypodiopsida	Eupolypods II	<i>Cystopteris protusa</i>	Lowland bladderfern	http://digitalcommons.usu.edu/fern_genome/2/	5	12	no complete genome
	Polypodiopsida	Eupolypods I	<i>Polypodium glycyrrhiza</i>	Licorice fern	http://digitalcommons.usu.edu/fern_genome/2/	1	6	no complete genome