

#	plant species	published	publication
2141	<i>Chrysosplenium macrophyllum</i> (Saxifragaceae)	2025-07-15	Xiang N, Yuan T, ..., Hong L, Chromosomal level genome assembly of medicinal plant Chrysosplenium macrophyllum. Sci Data. 12, 1224 (2025).
2140	<i>Hoya carnosa</i> (Apocynaceae)	2025-07-12	Kuang Y, Ouyang K, ..., Kang M, Near-complete reference genome assembly of Hoya carnosa. Sci Data. 2025 Jul 12 12(1): 1210.
2139	<i>Prunus cerasifera</i> (Rosaceae)	2025-07-11	Li H, Dong L, ..., Wang S, The chromosome-level genome assembly of Prunus cerasifera Atropurpurea. Sci Data. 2025 Jul 11 12(1): 1197.
2138	<i>Hordeum bulbosum</i> (Poaceae)	2025-07-09	Feng JW, Pidon H, ..., Mascher M, A haplotype-resolved pangenome of the barley wild relative Hordeum bulbosum. Nature. 2025 Jul 9. Epub ahead of print
2137	<i>Quercus fabri</i> (Fagaceae)	2025-07-09	Wu L, Cai Y, ..., Wang Y, Uncovering the genetic basis for enhanced mushroom flavor in Quercus fabri through genome sequencing and metabolic profiling. Hortic Res. 2025 Jul: uhaf156. eCollection 2025 July.
2136	<i>Caragana arborescens</i> (Fabaceae)	2025-07-08	Cui X, Li E, ..., Zhang Z, Ancient hybridization drives arid adaptation and species diversification in Caragana (Fabaceae). New Phytol. 2025 Jul 8. Epub ahead of print
2135	<i>Cercis chuniana</i> (Fabaceae)	2025-07-08	Gong W, Liu W, ..., Kong H, A chromosome-level genome assembly and annotation of Cercis chuniana (Fabaceae). Sci Data. 2025 Jul 8 12(1): 1163.
2134	<i>Mappia nimmoniana</i> (Icaciniaceae)	2025-07-08	Wang J, Ma X, ..., Yang Y, Chromosome-level genome assembly of Nothapodytes nimmoniana. Sci Data. 2025 Jul 8 12(1): 1158.
2133	<i>Zoysia sinica</i> (Poaceae)	2025-07-08	Park H, Bae E, ..., Shim D, Chromosome-level genome of Zoysia sinica in the intertidal zone reveals genomic insights into waterlogging stress adaptation. Plant Genome. 2025 Sep 18(3): e70070.
2132	<i>Cereus jamacaru</i> (Cactaceae)	2025-07-07	Amaral DT, Trier C, ..., Moraes EM, Chromosome-level genome assembly of the iconic South American mandacaru cactus (Cereus jamacaru DC, Tribe Cereeae, Cactaceae). Planta. 2025 Jul 7 262(2): 42.
2131	<i>Phyla nodiflora</i> (Verbenaceae)	2025-07-07	Wang L, Liu N, ..., Liu X, Multi-omics analyses provide insights into the molecular basis for salt tolerance of Phyla nodiflora. Plant J. 2025 Jul 123(1): e70325.
2130	<i>Sanicula chinensis</i> (Apiaceae)	2025-07-05	He W, Hu D, ..., Wang L, The telomere-to-telomere genome of Sanicula chinensis unveils genetic underpinnings of low furanocoumarin diversity and content in one basal lineage of Apiaceae. Plant J. 2025 Jul 123(1): e70311.
2129	<i>Alcea rosea</i> (Malvaceae)	2025-07-04	Chen X, Li X, ..., Shi X, Chromosome-level genome assembly of the ornamental plant Alcea rosea. Sci Data. 2025 Jul 4 12(1): 1145.
2128	<i>Hemerocallis middendorffii</i> (Asphodelaceae)	2025-07-04	Sun M, Han B, ..., Zhang J, The chromosome-level genome of Hemerocallis middendorffii provides new insights into the floral scents and color biosynthesis in Chinese native daylily. BMC Plant Biol. 2025 Jul 4 25(1): 874.
2127	<i>Hippophae salicifolia</i> (Elaeagnaceae)	2025-07-02	Chen M, Yang X, ..., Yang Y, The genome of Hippophae salicifolia provides new insights into the sexual differentiation of sea buckthorn. Gigascience. 2025 Jan 6 14: giae046.
2126	<i>Lilium regale</i> (Liliaceae)	2025-07-01	Sun J, Wang X, ..., Guo L, Genomic and epigenomic insight into giga-chromosome architecture and adaptive evolution of royal lily (Lilium regale). Nat Commun. 2025 Jul 1 16(1): 5617.
2125	<i>Nanhaia fordii</i> (Fabaceae)	2025-07-01	Li Z, Wang J, ..., Xu L, Multi-omics profiling of Nanhaia speciosa and Nanhaia fordii: insights into lectin dynamics, nodulation, and triterpenoid saponin biosynthesis. BMC Biol. 2025 Jul 1 23(1): 169.
2124	<i>Nanhaia speciosa</i> (Fabaceae)	2025-07-01	Li Z, Wang J, ..., Xu L, Multi-omics profiling of Nanhaia speciosa and Nanhaia fordii: insights into lectin dynamics, nodulation, and triterpenoid saponin biosynthesis. BMC Biol. 2025 Jul 1 23(1): 169.
2123	<i>Nardostachys jatamansi</i> (Caprifoliaceae)	2025-07-01	Li X, Liu Y, ..., Zhang S, Chromosome-level genome of Nardostachys jatamansi and comparative genomics analysis reveals its sesquiterpenoid biosynthesis. Phytochemistry. 2025 Jul 01:114607. Online ahead of print.
2122	<i>Rehmannia chingii</i> (Orobanchaceae)	2025-07-01	Wang F, Jiang Z, ..., Yuan Y, Analysis of the Rehmannia chingii genome identifies RcCYP72H7 as an epoxidase in iridoid glycoside biosynthesis. Nat Commun. 2025 Jul 1 16(1): 6035.
2121	<i>Zostera japonica</i> (Zosteraceae)	2025-06-30	Zhang X, Yu L, ..., Reusch TBH, Uncovering the Nanozostera japonica species complex suggests cryptic speciation and underestimated seagrass diversity. New Phytol. 2025 Jun 30. Epub ahead of print
2120	<i>Fittonia albivenis</i> (Acanthaceae)	2025-06-26	Wang L, Jia KH, ..., Qin X, A nearly complete haplotype-phased genome assembly of nerve plant (Fittonia albivenis) provides insights into leaf color evolution. Hortic Res. 2025 Jun: uhaf154. eCollection 2025 June.
2119	<i>Matthiola incana</i> (Brassicaceae)	2025-06-26	Chen D, Yang T, ..., Ge X, Largest genome assembly in Brassicaceae: retrotransposon-driven genome expansion and karyotype evolution in Matthiola incana. Plant Biotechnol J. 2025 Jun 26. Epub ahead of print
2118	<i>Narenga porphyrocoma</i> (Poaceae)	2025-06-26	Li H, Gui Y, ..., Liu X, Unveiling the Genome of the Diploid Wild Sugarcane Relative Narenga porphyrocoma (Hance) Bor. Int J Mol Sci. 2025 Jun 26 26(13): 6124.
2117	<i>Ormosia henryi</i> (Fabaceae)	2025-06-23	Zhou C, Wen Q, ..., Ouyang T, Chromosome-level genome assembly of the endangered tree species Ormosia henryi Prain. Sci Data. 2025 Jun 23 12(1): 1065.
2116	<i>Boechera falcata</i> (Brassicaceae)	2025-06-20	Zilov D, Mandakova T, ..., Brukhin V, Genome structure and molecular phylogeny of the only Eurasian Boechera species, Boechera falcata (Brassicaceae). G3 (Bethesda). 2025 Jul 9 15(7): jkaf117.
2115	<i>Mussaenda lancipetala</i> (Rubiaceae)	2025-06-20	Yuan S, Barrett SCH, ..., Luo S, Genomic evidence unveils the genetic architecture and evolution of the S-locus controlling heterostyly in Rubiaceae. New Phytol. 2025 Jun 20. Epub ahead of print
2114	<i>Poa arachnifera</i> (Poaceae)	2025-06-20	Boerman NA, Robbins MD, ..., Bushman BS, Measuring genetic diversity of Texas bluegrass and allele sharing with Kentucky bluegrass interspecific hybrids using genome-wide markers. G3 (Bethesda). 2025 Jun 20: jkaf133. Epub ahead of print
2113	<i>Nicotiana alata</i> (Solanaceae)	2025-06-18	Liu Y, Wang J, ..., Huang C, Identification of a gene conferring broad-spectrum orthotospovirus resistance in Solanaceae. Sci Adv. 2025 Jun 20 11(25): eadw4333. Epub 2025 Jun 18.
2112	<i>Aquilegia eximia</i> (Ranunculaceae)	2025-06-10	Johns J, Escalona M, ..., Hodges S, A near chromosome-level assembly of the serpentine endemic columbine, Aquilegia eximia. J Hered. 2025 Jun 10: esaf035. Epub ahead of print
2111	<i>Vitis piasezkii</i> (Vitaceae)	2025-06-10	Zhao L, Hu Y, ..., Wen YQ, Chromosome-Level Reference Genome of Vitis piasezkii var. pagnucii provides insights into a new locus of resistance to grapevine powdery mildew. Hortic Res. 2025 Jun: uhaf146. eCollection 2025 June.
2110	<i>Populus x canadensis</i> (Salicaceae)	2025-06-09	Zhong S, Zhang W, ..., Su X, Genomic Analysis Reveals the Fast-Growing Trait and Improvement Potential for Stress Resistance in the Elite Poplar Variety Populus x euramericana Bofeng-3 Int J Mol Sci. 2025 Jun 9 26(12): 5526.
2109	<i>Phytolacca icosandra</i> (Phytolaccaceae)	2025-06-06	Li X, Jin T, ..., Xu J, Integrated genomic, transcriptomic, and metabolomic analyses provide novel insights into high cadmium accumulation in Phytolacca icosandra L. Plant Physiol Biochem. 2025 Jun 6 227: 110140. Epub ahead of print
2108	<i>Pinus radiata</i> (Pinaceae)	2025-06-05	Sturrock S, Frickey T, ..., Slavov G, Pinus radiata genome reveals a downward demographic trajectory and opportunities for genomics-assisted breeding. G3 (Bethesda). 2025 Jun 5: jkaf125. Epub ahead of print
2107	<i>Selenicereus stenopterus</i> (Cactaceae)	2025-06-05	Chen J, Li F, ..., Qin Y, Gap-free genome and efficient transcript purification system reveals the genomes diversity and chlorophyll degradation mechanism in pitaya. J Integr Plant Biol. 2025 Jun 5. Epub ahead of print

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2106	<i>Macrotyloma geocarpum</i> (Fabaceae)	2025-06-04	Cheung TY, Kafoutchoni KM, ..., Chapman MA, Exceptionally low genomic diversity in the underutilised legume Kersting's groundnut. Nat Commun. 2025 Jun 4 16(1): 5183.
2105	<i>Teucrium chamaedrys</i> (Lamiaceae)	2025-06-03	Bryson AE, Childs KL, ..., Hamberger B, A high-quality genome assembly of the tetraploid <i>Teucrium chamaedrys</i> unveils a recent whole genome duplication and a large biosynthetic gene cluster for diterpenoid metabolism. Plant Commun. 2025 Jun 3: 101393. Epub ahead of print
2104	<i>Liquidambar formosana</i> (Altingiaceae)	2025-05-30	Liu PL, Jing ZY, ..., Lin J, Genomic insights into the evolution of Chinese sweetgum and its autumn leaf coloration. Plant Physiol. 2025 May 30 198(2): kiaf218.
2103	<i>Phyllostachys violascens</i> (Poaceae)	2025-05-30	Wang H, Ding H, ..., Peng Y, Chromosome-level genome assembly and annotation of <i>Phyllostachys violascens</i> 'Prevernalis'. Sci Data. 2025 May 30 12(1): 912.
2102	<i>Pinus massoniana</i> (Pinaceae)	2025-05-30	Chen H, Qin X, ..., Yang Z, Chromosome-level genome assembly of <i>Pinus massoniana</i> provides insights into conifer adaptive evolution. Gigascience. 2025 Jan 6 14: giaf056.
2101	<i>Flemingia macrophylla</i> (Fabaceae)	2025-05-26	Ding Y, Zhao Y, ..., Zhang P, High-quality assembly of the chromosomal genome for <i>Flemingia macrophylla</i> reveals genomic structural characteristics. BMC Genomics. 2025 May 26 26(1): 535.
2100	<i>Solanum nigrum</i> (Solanaceae)	2025-05-26	Franco Ortega S, James S, ..., Harper AL, Assembly and annotation of <i>Solanum dulcamara</i> and <i>Solanum nigrum</i> plant genomes, two nightshades with contrasting susceptibilities to <i>Ralstonia solanacearum</i> . G3 (Bethesda). 2025 May 26: jkaf119. Epub ahead of print
2099	<i>Mangifera persiciforma</i> (Anacardiaceae)	2025-05-24	Wu J, Bao RX, ..., Li BJ, Gap-free telomere-to-telomere assembly of the <i>Mangifera persiciforma</i> genome and its evolutionary insights on resistance. Plant Biotechnol J. 2025 May 24. Epub ahead of print
2098	<i>Oxalis articulata</i> (Oxalidaceae)	2025-05-23	Yang W, Jiang C, ..., Wang Z, A haplotype-resolved chromosomal-level genome assembly of <i>Oxalis articulata</i> . Sci Data. 2025 May 23 12(1): 856.
2097	<i>Taxodium distichum</i> (Cupressaceae)	2025-05-23	Yang Y, Yu C, ..., Yin Y, The baldcypress genome provides insights into the adaptive evolution of flooding stress tolerance. New Phytol. 2025 May 23. Epub ahead of print
2096	<i>Apera spica-venti</i> (Poaceae)	2025-05-22	Lemas J, Necajeva J, ..., Patterson E, The Genome of <i>Apera spica-venti</i> : A Major Grass Weed. Genome Biol Evol. 2025 May 30 17(6): evaf096.
2095	<i>Scirpus x mariqueter</i> (Cyperaceae)	2025-05-22	Ning Y, Li Y, ..., Wang YF, Chromosome-level genome assembly for ciubrush (<i>Scirpus x mariqueter</i>) endemic to China. Sci Data. 2025 May 22 12(1): 839.
2094	<i>Pectocarya recurvata</i> (Boraginaceae)	2025-05-21	Northing PC, Pelosi JA, ..., Dlugosch KM, Chromosome-scale reference genome of <i>Pectocarya recurvata</i> , the species with the smallest reported genome size in Boraginaceae. Appl Plant Sci. 2025 May 21: e70008.
2093	<i>Strobilanthes sarcorrhiza</i> (Acanthaceae)	2025-05-21	Shi Y, Li P, ..., Zeng W, De-novo assembly and comparative analysis of the complete mitogenome of traditional Chinese medicine <i>Strobilanthes sarcorrhiza</i> . BMC Plant Biol. 2025 May 21 25(1): 675.
2092	<i>Castanopsis sieboldii</i> (Fagaceae)	2025-05-20	Tokumoto Y and Kijidani Y, Genome assembly of the evergreen broad-leaved tree <i>Castanopsis sieboldii</i> (Makino) Hatus. ex T. Yamaz. et Mashiba subsp. <i>sieboldii</i> (Fagaceae). J Forest Res. 2025, 1-8.
2091	<i>Elsholtzia splendens</i> (Lamiaceae)	2025-05-20	Moon SJ, Lee SH, ..., Shim S, Haplotype-resolved chromosome-level genome sequence of <i>Elsholtzia splendens</i> (Nakai ex F.Maek.). Sci Data. 2025 May 20 12(1): 827.
2090	<i>Ficus benjamina</i> (Moraceae)	2025-05-20	Liao S, Zhang Z, ..., Deng Y, A chromosome-level genome assembly of <i>Ficus benjamina</i> , a fig tree with great ecological and ornamental value. Sci Data. 2025 May 20 12(1): 824.
2089	<i>Glycyrrhiza glabra</i> (Fabaceae)	2025-05-19	Li Y, Xia C, ..., Wang Y, Comparative genomics of three medicinal <i>Glycyrrhiza</i> species unveiled novel candidates for the production of important bioactive compounds. Plant J. 2025 May 122(4): e70223.
2088	<i>Glycyrrhiza inflata</i> (Fabaceae)	2025-05-19	Li Y, Xia C, ..., Wang Y, Comparative genomics of three medicinal <i>Glycyrrhiza</i> species unveiled novel candidates for the production of important bioactive compounds. Plant J. 2025 May 122(4): e70223.
2087	<i>Gypsophila vaccaria</i> (Caryophyllaceae)	2025-05-19	Zhang C, Zhang J, ..., Li J, Chromosome-level genome assembly and annotation of <i>Gypsophila vaccaria</i> . Sci Data. 2025 May 19 12(1): 818.
2086	<i>Camellia petelotii</i> (Theaceae)	2025-05-18	Wang XF, Liu TJ, ..., Yan HF, A telomere-to-telomere genome assembly of <i>Camellia nitidissima</i> . Sci Data. 2025 May 18 12(1): 815.
2085	<i>Orobanche gracilis</i> (Orobanchaceae)	2025-05-18	Burger M, Soco CF, ..., Leyva A, Three <i>Orobanche</i> genomes reveal distinct molecular repertoires in species with different host ranges. Plant Cell Physiol. 2025 May 18: pcaf047. Epub ahead of print
2084	<i>Orobanche hederæ</i> (Orobanchaceae)	2025-05-18	Burger M, Soco CF, ..., Leyva A, Three <i>Orobanche</i> genomes reveal distinct molecular repertoires in species with different host ranges. Plant Cell Physiol. 2025 May 18: pcaf047. Epub ahead of print
2083	<i>Orobanche minor</i> (Orobanchaceae)	2025-05-18	Burger M, Soco CF, ..., Leyva A, Three <i>Orobanche</i> genomes reveal distinct molecular repertoires in species with different host ranges. Plant Cell Physiol. 2025 May 18: pcaf047. Epub ahead of print
2082	<i>Prunus mahaleb</i> (Rosaceae)	2025-05-17	Fu C, Li M, ..., Wang Z, Haplotype-resolved chromosomal-level genome assembly of <i>Prunus mahaleb</i> . Sci Data. 2025 May 17 12(1): 805.
2081	<i>Ligustrum vulgare</i> (Oleaceae)	2025-05-16	Goodwin ZA, Bell D, ..., Hart ML, The genome sequence of wild privet, <i>Ligustrum vulgare</i> L. Wellcome Open Res. 2025 May 16 10: 240.eCollection 2025.
2080	<i>Ormosia purpureiflora</i> (Fabaceae)	2025-05-16	Wang ZF, Yu EP, ..., Cao HL, Chromosome-scale assemblies of three <i>Ormosia</i> species: repetitive sequences distribution and structural rearrangement. Gigascience. 2025 Jan 6 14: giaf047.
2079	<i>Annona squamosa</i> (Annonaceae)	2025-05-15	Bisht MS, Mahajan S, ..., Sharma VK, A high-quality genome assembly of <i>Annona squamosa</i> (custard apple) provides functional insights into an emerging fruit crop. DNA Res. 2025 May 28 32(3): dsaf007.
2078	<i>Lupinus luteus</i> (Fabaceae)	2025-05-14	Martinez-Hernandez JE, Salvo-Garrido H, ..., Larama G, Genomic structure of yellow lupin (<i>Lupinus luteus</i>): genome organization, evolution, gene family expansion, metabolites and protein synthesis. BMC Genomics. 2025 May 14 26(1): 477.
2077	<i>Salix variegata</i> (Salicaceae)	2025-05-13	Zhang H, Zuo Y, ..., Deng H, The chromosome-scale genome provides clues to understanding the sex variation of a willow plant <i>Salix variegata</i> Franch. Ind Crops Prod. 2025 Sep, 231: 121130.
2076	<i>Cistanthe cachinalensis</i> (Montiaceae)	2025-05-10	Chomentowska A, Raimondeau P, ..., Edwards EJ, A high-quality genome of the Atacama Desert plant <i>Cistanthe cachinalensis</i> and its photosynthetic behavior related to drought and life history. New Phytol. 2025 May 10. Epub ahead of print
2075	<i>Lupinus cosentinii</i> (Fabaceae)	2025-05-10	Susek K, Vincenzi L, ..., Jackson SA, The unexplored diversity of rough-seeded lupins provides rich genomic resources and insights into lupin evolution. Nat Commun. 2025 May 10 16(1): 4358.
2074	<i>Lupinus digitatus</i> (Fabaceae)	2025-05-10	Susek K, Vincenzi L, ..., Jackson SA, The unexplored diversity of rough-seeded lupins provides rich genomic resources and insights into lupin evolution. Nat Commun. 2025 May 10 16(1): 4358.
2073	<i>Bostrychia moritziana</i> (Rhodometaceae)	2025-05-08	Petroll R, West JA, ..., Borg M, The expanded <i>Bostrychia moritziana</i> genome unveils evolution in the most diverse and complex order of red algae. Curr Biol. 2025 May 7: S0960-9822(25)00508-1. Epub ahead of print
2072	<i>Opuntia basilaris</i> (Cactaceae)	2025-05-08	Fawcett S, Escalona M, ..., Majure LC, A Chromosome-level Genome Assembly of the Beavertail Cactus, <i>Opuntia basilaris</i> . J Hered. 2025 May 8: esaf027. Epub ahead of print

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2071	<i>Aulacomnium turgidum</i> (Aulacomniaceae)	2025-04-29	Zeng Y, Cai Y, ..., Liu Y, Chromosome-level genomes of Arctic and Antarctic mosses: Aulacomnium turgidum and Polytrichastrum alpinum. Sci Data. 2025 Apr 29 12(1): 705.
2070	<i>Polytrichastrum alpinum</i> (Polytrichaceae)	2025-04-29	Zeng Y, Cai Y, ..., Liu Y, Chromosome-level genomes of Arctic and Antarctic mosses: Aulacomnium turgidum and Polytrichastrum alpinum. Sci Data. 2025 Apr 29 12(1): 705.
2069	<i>Oryza grandiglumis</i> (Poaceae)	2025-04-28	Fornasiero A, Feng T, ..., Wing RA, Oryza genome evolution through a tetraploid lens. Nat Genet. 2025 May, 57(5): 1287-1297. Epub 2025 Apr 28.
2068	<i>Oryza latifolia</i> (Poaceae)	2025-04-28	Fornasiero A, Feng T, ..., Wing RA, Oryza genome evolution through a tetraploid lens. Nat Genet. 2025 May, 57(5): 1287-1297. Epub 2025 Apr 28.
2067	<i>Oryza longiglumis</i> (Poaceae)	2025-04-28	Fornasiero A, Feng T, ..., Wing RA, Oryza genome evolution through a tetraploid lens. Nat Genet. 2025 May, 57(5): 1287-1297. Epub 2025 Apr 28.
2066	<i>Oryza meyeriana</i> (Poaceae)	2025-04-28	Fornasiero A, Feng T, ..., Wing RA, Oryza genome evolution through a tetraploid lens. Nat Genet. 2025 May, 57(5): 1287-1297. Epub 2025 Apr 28.
2065	<i>Oryza minuta</i> (Poaceae)	2025-04-28	Fornasiero A, Feng T, ..., Wing RA, Oryza genome evolution through a tetraploid lens. Nat Genet. 2025 May, 57(5): 1287-1297. Epub 2025 Apr 28.
2064	<i>Oryza ridleyi</i> (Poaceae)	2025-04-28	Fornasiero A, Feng T, ..., Wing RA, Oryza genome evolution through a tetraploid lens. Nat Genet. 2025 May, 57(5): 1287-1297. Epub 2025 Apr 28.
2063	<i>Oryza schlechteri</i> (Poaceae)	2025-04-28	Fornasiero A, Feng T, ..., Wing RA, Oryza genome evolution through a tetraploid lens. Nat Genet. 2025 May, 57(5): 1287-1297. Epub 2025 Apr 28.
2062	<i>Bauhinia purpurea</i> (Fabaceae)	2025-04-25	Mu W, Darian JC, ..., Tsui SK, The haplotype-resolved T2T genome for Bauhinia x blakeana sheds light on the genetic basis of flower heterosis. Gigascience. 2025 Jan 6 14: giaf044.
2061	<i>Bauhinia x blakeana</i> (Fabaceae)	2025-04-25	Mu W, Darian JC, ..., Tsui SK, The haplotype-resolved T2T genome for Bauhinia x blakeana sheds light on the genetic basis of flower heterosis. Gigascience. 2025 Jan 6 14: giaf044.
2060	<i>Morus mongolica</i> (Moraceae)	2025-04-25	Yang J, Peng Y, ..., Kong W, The telomere-to-telomere genome assembly of the wild mulberry, Morus mongolica. Sci Data. 2025 Apr 25 12(1): 694.
2059	<i>Alisma plantago-aquatica</i> (Alismataceae)	2025-04-23	Christenhusz MJM, Mian S and Leitch IJ, The genome sequence of the common water plantain, Alisma plantago-aquatica L. (Alismataceae). Wellcome Open Res. 2025 Apr 23 10: 209. eCollection 2025.
2058	<i>Azolla caroliniana</i> (Salviniaceae)	2025-04-19	Song MJ, Rizzieri YC, ..., Rothfels CJ, The genome assembly of the duckweed fern, Azolla caroliniana. J Hered. 2025 Apr 19: esaf022. Epub ahead of print
2057	<i>Callicarpa nudiflora</i> (Lamiaceae)	2025-04-18	Huang S, Zhang Y, ..., Ma Z, Chromosome-level genome assembly of an important ethnic medicinal plant Callicarpa nudiflora. Sci Data. 2025 Apr 18 12(1): 655.
2056	<i>Dendrobium devonianum</i> (Orchidaceae)	2025-04-16	Wang J, Zhou Y, ..., Duan B, Resolving floral development dynamics using genome and single-cell temporal transcriptome of Dendrobium devonianum. Plant Biotechnol J. 2025 Apr 16. Epub ahead of print
2055	<i>Malus angustifolia</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2054	<i>Malus daochengensis</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2053	<i>Malus doumeri</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2052	<i>Malus florentina</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2051	<i>Malus halliana</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2050	<i>Malus honanensis</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2049	<i>Malus hupehensis</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2048	<i>Malus komarovii</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2047	<i>Malus ombrophila</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2046	<i>Malus rockii</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2045	<i>Malus sargentii</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2044	<i>Malus sikkimensis</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2043	<i>Malus spectabilis</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2042	<i>Malus toringo</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2041	<i>Malus toringoides</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2040	<i>Malus transitoria</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2039	<i>Malus x floribunda</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2038	<i>Malus x micromalus</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2037	<i>Malus x platycarpa</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2036	<i>Malus x zumi</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.
2035	<i>Malus yunnanensis</i> (Rosaceae)	2025-04-16	Li W, Chu C, ..., Han Z, Pan-genome analysis reveals the evolution and diversity of Malus. Nat Genet. 2025 May, 57(5): 1274-1286. Epub 2025 Apr 16.

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2034	<i>Nymphaea mexicana</i> (<i>Nymphaeaceae</i>)	2025-04-16	Wen X, Liang Y, ..., Zhang L, The genome of giant waterlilies provides insights into the origin of angiosperms, leaf gigantism, and stamen function innovation. Plant Commun. 2025 Apr 16: 101342. Epub ahead of print
2033	<i>Victoria cruziana</i> (<i>Nymphaeaceae</i>)	2025-04-16	Wen X, Liang Y, ..., Zhang L, The genome of giant waterlilies provides insights into the origin of angiosperms, leaf gigantism, and stamen function innovation. Plant Commun. 2025 Apr 16: 101342. Epub ahead of print
2032	<i>Avena barbata</i> (<i>Poaceae</i>)	2025-04-14	He Q, Xiao Y, ..., Du H, High-quality genome of allotetraploid Avena barbata provides insights into the origin and evolution of B subgenome in Avena. J Integr Plant Biol. 2025 Apr 14. Epub ahead of print
2031	<i>Anthurium amnicola</i> (<i>Araceae</i>)	2025-04-10	Lyu H, Sim SB, ..., Suzuki JY, Chromosome-level genome assembly and annotation of Anthurium amnicola. Sci Data. 2025 Apr 10 12(1): 605.
2030	<i>Erigeron bonariensis</i> (<i>Asteraceae</i>)	2025-04-04	Cortes Gomes A, Montgomery J, ..., Gaines TA, Chromosome-level assemblies of the allohexaploid genomes of Conyza sumatrensis and Conyza bonariensis. Genome Biol Evol. 2025 Apr 4: evaf065. Epub ahead of print
2029	<i>Erigeron sumatrensis</i> (<i>Asteraceae</i>)	2025-04-04	Cortes Gomes A, Montgomery J, ..., Gaines TA, Chromosome-level assemblies of the allohexaploid genomes of Conyza sumatrensis and Conyza bonariensis. Genome Biol Evol. 2025 Apr 4: evaf065. Epub ahead of print
2028	<i>Rosa persica</i> (<i>Rosaceae</i>)	2025-04-04	Cheng B, Zhao K, ..., Yu C, Phenotypic and genomic signatures across wild Rosa species open new horizons for modern rose breeding. Nat Plants. 2025 Apr 4. Epub ahead of print
2027	<i>Lindera aggregata</i> (<i>Lauraceae</i>)	2025-04-03	Shi Y, Chen Z, ..., Zeng W, Chromosome-level genome assembly of the traditional medicinal plant Lindera aggregata. Sci Data. 2025 Apr 3 12(1): 565.
2026	<i>Ageratina adenophora</i> (<i>Asteraceae</i>)	2025-04-02	Liu F, Du L, ..., Wan F, Chromosome-level genome assembly of the crofton weed (Ageratina adenophora). Sci Data. 2025 Apr 2 12(1): 560.
2025	<i>Marchantia quadrata</i> (<i>Marchantiaceae</i>)	2025-04-02	Potente G, Yasui Y, ..., Szovenyi P, Insights into convergent evolution of cosexuality in liverworts from the Marchantia quadrata genome. Cell Rep. 2025 Apr 2 44(4): 115503. Epub ahead of print
2024	<i>Campeioestachys nutans</i> (<i>Poaceae</i>)	2025-04-01	Xiong Y, Yuan S, ..., Ma X, Analysis of allohexaploid wheatgrass genome reveals its Y haplome origin in Triticeae and high-altitude adaptation. Nat Commun. 2025 Apr 1 16(1): 3104.
2023	<i>Lemna gibba</i> (<i>Araceae</i>)	2025-04-01	Ernst E, Abramson B, ..., Martienssen RA, Duckweed genomes and epigenomes underlie triploid hybridization and clonal reproduction. Curr Biol. 2025 Mar 28: S0960-9822(25)00298-2. Epub ahead of print
2022	<i>Lemna turionifera</i> (<i>Araceae</i>)	2025-04-01	Ernst E, Abramson B, ..., Martienssen RA, Duckweed genomes and epigenomes underlie triploid hybridization and clonal reproduction. Curr Biol. 2025 Mar 28: S0960-9822(25)00298-2. Epub ahead of print
2021	<i>Lemna x japonica</i> (<i>Araceae</i>)	2025-04-01	Ernst E, Abramson B, ..., Martienssen RA, Duckweed genomes and epigenomes underlie triploid hybridization and clonal reproduction. Curr Biol. 2025 Mar 28: S0960-9822(25)00298-2. Epub ahead of print
2020	<i>Selenicereus monacanthus</i> (<i>Cactaceae</i>)	2025-04-01	Li J, Luo W, ..., Sun Q, An chromosome-level haplotype-resolved genome assembly and annotation of pitaya (Selenicereus polyrhizus). Sci Data. 2025 Apr 1 12(1): 549.
2019	<i>Camellia meiocarpa</i> (<i>Theaceae</i>)	2025-03-31	Wang R, Li W, ..., Chen Y, Haplotype-resolved genome assembly of the tetraploid Youcha tree Camellia meiocarpa Hu. Sci Data. 2025 Mar 31 12(1): 541.
2018	<i>Hygroryza aristata</i> (<i>Poaceae</i>)	2025-03-28	Yang LY, Huang LK, ..., Huang BG, Haplotype-resolved and gap-free genome of a floating aquatic plant from the Oryzaceae tribe, Hygroryza aristata. BMC Genom Data. 2025 Mar 28 26(1): 23.
2017	<i>Trigonella balansae</i> (<i>Fabaceae</i>)	2025-03-26	Gaikwad AB, Yadav S, ..., Singh GP, Chromosome-scale genome assembly of Trigonella corniculata (L.)L. (Nagauri pan /Kasuri methi), an important spice. Sci Data. 2025 Mar 26 12(1): 509.
2016	<i>Hibiscus yunnanensis</i> (<i>Malvaceae</i>)	2025-03-25	Gurung B, Li J, ..., Chen G, Chromosome-level genome assembly of the threatened ornamental plant Hibiscus yunnanensis. Sci Data. 2025 Mar 25 12(1): 503.
2015	<i>Tetraselmis helgolandica</i> (<i>Chlorodendraceae</i>)	2025-03-25	Zhou Z, E J, ..., Fan J, Chromosome-level genome provides novel insights into the starch metabolism regulation and evolutionary history of Tetraselmis helgolandica. J Adv Res. 2025 Mar 25: S2090-1232(25)00182-1. Epub ahead of print
2014	<i>Prunus serrula</i> (<i>Rosaceae</i>)	2025-03-24	Zuo H, Liu S, ..., Zeng X, Chromosome-level assembly of Prunus serrula Franch genome. Sci Data. 2025 Mar 24 12(1): 494.
2013	<i>Dipteris shenzhenensis</i> (<i>Dipteridaceae</i>)	2025-03-21	Shu J, Zhang Y, ..., Yan Y, The chromosome-level genome assembly of Broad-Leaf Fern (Dipteris shenzhenensis). Sci Data. 2025 Mar 21 12(1): 475.
2012	<i>Dracocephalum rupestre</i> (<i>Lamiaceae</i>)	2025-03-21	Zhao Q, Fan Z, ..., Wang Z, The high-quality chromosome-level genome assembly of Dracocephalum rupestre Hance. Sci Data. 2025 Mar 21 12(1): 472.
2011	<i>Bryopsis corticulans</i> (<i>Bryopsidaceae</i>)	2025-03-20	Xu P, Liu X, ..., Jiao Y, The genomic insights of intertidal adaptation in Bryopsis corticulans. New Phytol. 2025 May 246(4): 1691-1709. Epub 2025 Mar 20.
2010	<i>Prunus tomentosa</i> (<i>Rosaceae</i>)	2025-03-20	Jiu S, Manzoor MA, ..., Zhang C, New insights into genome assembly at the chromosome-level of Prunus tomentosa in evolution and cold tolerance. Imeta. 2025 Mar 20 4(2): e70016. eCollection 2025 Apr.
2009	<i>Tinospora crispa</i> (<i>Menispermaceae</i>)	2025-03-20	Chen Z, Xun L, ..., Yang Y, The chromosome-scale genomes of two Tinospora species reveal differential regulation of the MEP pathway in terpenoid biosynthesis. BMC Biol. 2025 Mar 20 23(1): 84.
2008	<i>Tinospora sinensis</i> (<i>Menispermaceae</i>)	2025-03-20	Chen Z, Xun L, ..., Yang Y, The chromosome-scale genomes of two Tinospora species reveal differential regulation of the MEP pathway in terpenoid biosynthesis. BMC Biol. 2025 Mar 20 23(1): 84.
2007	<i>Zenia insignis</i> (<i>Fabaceae</i>)	2025-03-19	Chen SY, Yang ZY, ..., Yi TS, Chromosome-level reference genome assembly for the protected resource plant, Zenia insignis. Sci Data. 2025 Mar 19 12(1): 459.
2006	<i>Asclepias curassavica</i> (<i>Apocynaceae</i>)	2025-03-18	Feng H, Zhang J, ..., Strickler SR, Genome and Tissue-Specific Transcriptome of the Tropical Milkweed (Asclepias curassavica). Plant Direct. 2025 Mar 18 9(3): e70031. eCollection 2025 Mar.
2005	<i>Streptanthus diversifolius</i> (<i>Brassicaceae</i>)	2025-03-18	Davis JT, Li Q, ..., Maloof JN, A chromosome-level genome assembly of the varied leaved jewelflower, Streptanthus diversifolius, reveals a recent whole genome duplication. G3 (Bethesda). 2025 Mar 18: jka022. Epub ahead of print
2004	<i>Cymbidium tracyanum</i> (<i>Orchidaceae</i>)	2025-03-17	Tu M, Liu N, ..., Zhang SB, Integrative omics reveals mechanisms of biosynthesis and regulation of floral scent in Cymbidium tracyanum. Plant Biotechnol J. 2025 Mar 17. Epub ahead of print
2003	<i>Anethum graveolens</i> (<i>Apiaceae</i>)	2025-03-16	Wang YH, Liu PZ, ..., Xiong AS, Insights into dill (Anethum graveolens) flavor formation via integrative analysis of chromosomal-scale genome, metabolome and transcriptome. J Adv Res. 2025 Mar 16: S2090-1232(25)00184-5. Epub ahead of print
2002	<i>Hordeum brevisubulatum</i> (<i>Poaceae</i>)	2025-03-14	Feng H, Du Q, ..., Li R, Hordeum I genome unlocks adaptive evolution and genetic potential for crop improvement. Nat Plants. 2025 Mar 11(3): 438-452. Epub 2025 Mar 14.
2001	<i>Aegilops mutica</i> (<i>Poaceae</i>)	2025-03-13	Grewal S, Yang CY, ..., King J, Chromosome-level haplotype-resolved genome assembly of bread wheat's wild relative Aegilops mutica. Sci Data. 2025 Mar 13 12(1): 438.
2000	<i>Begonia fimbristipula</i> (<i>Begoniaceae</i>)	2025-03-12	Xiao TW, Wang ZF, ..., Yan HF, A chromosomal-level genome assembly of Begonia fimbristipula (Begoniaceae). Sci Data. 2025 Mar 12 12(1): 429.
1999	<i>Rhododendron concinnum</i> (<i>Ericaceae</i>)	2025-03-05	Wang X, Zhou P, ..., Song X, T2T genome, pan-genome analysis, and heat stress response genes in Rhododendron species. Imeta. 2025 Mar 5 4(2): e70010. eCollection 2025 Apr.
1998	<i>Rhododendron decorum</i> (<i>Ericaceae</i>)	2025-03-05	Wang X, Zhou P, ..., Song X, T2T genome, pan-genome analysis, and heat stress response genes in Rhododendron species. Imeta. 2025 Mar 5 4(2): e70010. eCollection 2025 Apr.

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1997	<i>Rhododendron liliiflorum</i> (Ericaceae)	2025-03-05	Wang X, Zhou P, ..., Song X, T2T genome, pan-genome analysis, and heat stress response genes in Rhododendron species. Imeta. 2025 Mar 5 4(2): e70010. eCollection 2025 Apr.
1996	<i>Rhododendron platypodum</i> (Ericaceae)	2025-03-05	Wang X, Zhou P, ..., Song X, T2T genome, pan-genome analysis, and heat stress response genes in Rhododendron species. Imeta. 2025 Mar 5 4(2): e70010. eCollection 2025 Apr.
1995	<i>Solanum abutiloides</i> (Solanaceae)	2025-03-05	Benoit M, Jenike KM, ..., Lippman ZB, Solanum pan-genetics reveals paralogues as contingencies in crop engineering. Nature. 2025 Apr 640(8057): 135-145. Epub 2025 Mar 5.
1994	<i>Solanum anguivi</i> (Solanaceae)	2025-03-05	Benoit M, Jenike KM, ..., Lippman ZB, Solanum pan-genetics reveals paralogues as contingencies in crop engineering. Nature. 2025 Apr 640(8057): 135-145. Epub 2025 Mar 5.
1993	<i>Solanum candidum</i> (Solanaceae)	2025-03-05	Benoit M, Jenike KM, ..., Lippman ZB, Solanum pan-genetics reveals paralogues as contingencies in crop engineering. Nature. 2025 Apr 640(8057): 135-145. Epub 2025 Mar 5.
1992	<i>Solanum citrullifolium</i> (Solanaceae)	2025-03-05	Benoit M, Jenike KM, ..., Lippman ZB, Solanum pan-genetics reveals paralogues as contingencies in crop engineering. Nature. 2025 Apr 640(8057): 135-145. Epub 2025 Mar 5.
1991	<i>Solanum giganteum</i> (Solanaceae)	2025-03-05	Benoit M, Jenike KM, ..., Lippman ZB, Solanum pan-genetics reveals paralogues as contingencies in crop engineering. Nature. 2025 Apr 640(8057): 135-145. Epub 2025 Mar 5.
1990	<i>Solanum havanense</i> (Solanaceae)	2025-03-05	Benoit M, Jenike KM, ..., Lippman ZB, Solanum pan-genetics reveals paralogues as contingencies in crop engineering. Nature. 2025 Apr 640(8057): 135-145. Epub 2025 Mar 5.
1989	<i>Solanum linearifolium</i> (Solanaceae)	2025-03-05	Benoit M, Jenike KM, ..., Lippman ZB, Solanum pan-genetics reveals paralogues as contingencies in crop engineering. Nature. 2025 Apr 640(8057): 135-145. Epub 2025 Mar 5.
1988	<i>Solanum pseudolulo</i> (Solanaceae)	2025-03-05	Benoit M, Jenike KM, ..., Lippman ZB, Solanum pan-genetics reveals paralogues as contingencies in crop engineering. Nature. 2025 Apr 640(8057): 135-145. Epub 2025 Mar 5.
1987	<i>Solanum quitoense</i> (Solanaceae)	2025-03-05	Benoit M, Jenike KM, ..., Lippman ZB, Solanum pan-genetics reveals paralogues as contingencies in crop engineering. Nature. 2025 Apr 640(8057): 135-145. Epub 2025 Mar 5.
1986	<i>Solanum robustum</i> (Solanaceae)	2025-03-05	Benoit M, Jenike KM, ..., Lippman ZB, Solanum pan-genetics reveals paralogues as contingencies in crop engineering. Nature. 2025 Apr 640(8057): 135-145. Epub 2025 Mar 5.
1985	<i>Solanum violaceum</i> (Solanaceae)	2025-03-05	Benoit M, Jenike KM, ..., Lippman ZB, Solanum pan-genetics reveals paralogues as contingencies in crop engineering. Nature. 2025 Apr 640(8057): 135-145. Epub 2025 Mar 5.
1984	<i>Actinidia callosa</i> (Actinidiaceae)	2025-03-03	Wu H, .. and Liu J, Construction of the super pan-genome for the genus Actinidia reveals structural variations linked to phenotypic diversity. Hortic Res. 2025 Mar: uhaf067. eCollection 2025 Mar.
1983	<i>Stewartia sinensis</i> (Theaceae)	2025-03-03	Cheng L, Han Q, ..., Zhao Y, Genome assembly of Stewartia sinensis reveals origin and evolution of orphan genes in Theaceae. Commun Biol. 2025 Mar 3 8(1): 354.
1982	<i>Hippophae neurocarpa</i> (Elaeagnaceae)	2025-03-02	Chen N, Zhang GY, ..., He CY, A chromosome-scale genome of Hippophae neurocarpa provides new insights into serotonin biosynthesis and chlorophyll-derived brown fruit coloration. Plant J. 2025 Mar 121(5): e70031.
1981	<i>Acacia melanoxylon</i> (Fabaceae)	2025-03-01	Zhang RP, .. and Fan CJ, A chromosome-scale genome assembly of Acacia melanoxylon provides new insights into its root nodule and heartwood formation. Ind Crops Prod. 2025 Mar, 226: 120677.
1980	<i>Chenopodium acuminatum</i> (Amaranthaceae)	2025-02-28	Jaggi KE, Krak K, ..., Maughan PJ, A panggenome reveals LTR repeat dynamics as a major driver of genome evolution in Chenopodium. Plant Genome. 2025 Mar 18(1): e70010.
1979	<i>Chenopodium ficifolium</i> (Amaranthaceae)	2025-02-28	Jaggi KE, Krak K, ..., Maughan PJ, A panggenome reveals LTR repeat dynamics as a major driver of genome evolution in Chenopodium. Plant Genome. 2025 Mar 18(1): e70010.
1978	<i>Chenopodium opulifolium</i> (Amaranthaceae)	2025-02-28	Jaggi KE, Krak K, ..., Maughan PJ, A panggenome reveals LTR repeat dynamics as a major driver of genome evolution in Chenopodium. Plant Genome. 2025 Mar 18(1): e70010.
1977	<i>Chenopodium pamiricum</i> (Amaranthaceae)	2025-02-28	Jaggi KE, Krak K, ..., Maughan PJ, A panggenome reveals LTR repeat dynamics as a major driver of genome evolution in Chenopodium. Plant Genome. 2025 Mar 18(1): e70010.
1976	<i>Chenopodium sosnowskyi</i> (Amaranthaceae)	2025-02-28	Jaggi KE, Krak K, ..., Maughan PJ, A panggenome reveals LTR repeat dynamics as a major driver of genome evolution in Chenopodium. Plant Genome. 2025 Mar 18(1): e70010.
1975	<i>Chenopodium vulvaria</i> (Amaranthaceae)	2025-02-28	Jaggi KE, Krak K, ..., Maughan PJ, A panggenome reveals LTR repeat dynamics as a major driver of genome evolution in Chenopodium. Plant Genome. 2025 Mar 18(1): e70010.
1974	<i>Funaria hygrometrica</i> (Funariaceae)	2025-02-28	Kirbis A, Rahmatpour N, ..., Szovenyi P, Comparative analysis using a chromosome-scale genome assembly for Funaria hygrometrica suggests greater collinearity in mosses than in seed plants. Commun Biol. 2025 Feb 28 8(1): 330.
1973	<i>Matricaria chamomilla</i> (Asteraceae)	2025-02-28	Cho W, Feng J, ..., Mascher M, An annotated haplotype-resolved genome sequence assembly of diploid German chamomile, Matricaria chamomilla. Sci Data. 2025 Feb 28 12(1): 358.
1972	<i>Pontederia elata</i> (Pontederiaceae)	2025-02-26	Yang J, Chen J, ..., Li Z, The Monochoria genome provides insights into the molecular mechanisms underlying floral heteranthery. J Genet Genomics. 2025 Feb 26: S1673-8527(25)00055-4. Epub ahead of print
1971	<i>Sporobolus maritimus</i> (Poaceae)	2025-02-26	Salmon A, Hao Y, ..., Ainouche M, On the way to diploidization and unexpected ploidy in the grass Sporobolus section Spartina mesopolyploids. Nat Commun. 2025 Feb 26 16(1): 1997.
1970	<i>Amaranthus retroflexus</i> (Amaranthaceae)	2025-02-24	Raiyemo DA, Montgomery JS, ..., Tranel PJ, Chromosome-level assemblies of Amaranthus palmeri, Amaranthus retroflexus, and Amaranthus hybridus allow for genomic comparisons and identification of a sex-determining region. Plant J. 2025 Feb 121(4): e70027.
1969	<i>Reynoutria japonica</i> (Polygonaceae)	2025-02-24	Wang F, Li M, ..., Du H, The mixed auto-/allooctoploid genome of Japanese knotweed (Reynoutria japonica) provides insights into its polyploid origin and invasiveness. Plant J. 2025 Feb 121(4): e70005.
1968	<i>Ligustrum lucidum</i> (Oleaceae)	2025-02-22	Li Y, Yuan MJ, ..., Pei NC, The gap-free genome assembly and multi-omics analyses illustrate the evolutionary history and the synthesis of medicinal components of Ligustrum lucidum. Plant J. 2025 Feb 121(4): e70029.
1967	<i>Riccia cavernosa</i> (Ricciaceae)	2025-02-21	Fu Y, Zhang X, ..., Xu B, Evidence for evolution of a new sex chromosome within the haploid-dominant Marchantiales plant lineage. J Integr Plant Biol. 2025 Feb 21. Epub ahead of print
1966	<i>Riccia fluitans</i> (Ricciaceae)	2025-02-21	Fu Y, Zhang X, ..., Xu B, Evidence for evolution of a new sex chromosome within the haploid-dominant Marchantiales plant lineage. J Integr Plant Biol. 2025 Feb 21. Epub ahead of print
1965	<i>Ricciocarpos natans</i> (Ricciaceae)	2025-02-21	Fu Y, Zhang X, ..., Xu B, Evidence for evolution of a new sex chromosome within the haploid-dominant Marchantiales plant lineage. J Integr Plant Biol. 2025 Feb 21. Epub ahead of print
1964	<i>Polyscias bisattenuata</i> (Araliaceae)	2025-02-19	Bai M, Yang X, ..., Simonsen HT, Genome sequencing of three Polyscias species reveals common features in terpene synthase gene family evolution in these species. Plant Genome. 2025 Mar 18(1): e20563.
1963	<i>Polyscias lallanii</i> (Araliaceae)	2025-02-19	Bai M, Yang X, ..., Simonsen HT, Genome sequencing of three Polyscias species reveals common features in terpene synthase gene family evolution in these species. Plant Genome. 2025 Mar 18(1): e20563.
1962	<i>Polyscias macgillivrayi</i> (Araliaceae)	2025-02-19	Bai M, Yang X, ..., Simonsen HT, Genome sequencing of three Polyscias species reveals common features in terpene synthase gene family evolution in these species. Plant Genome. 2025 Mar 18(1): e20563.

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1961	<i>Rubus</i> (subg. <i>Rubus</i>) sp. (Rosaceae)	2025-02-18	Paudel D, Parrish SB, ..., Deng Z, A chromosome-scale and haplotype-resolved genome assembly of tetraploid blackberry (<i>Rubus</i> L. subgenus <i>Rubus</i> Watson). Hortic Res. 2025 Feb 18 12(6): uhaf052. eCollection 2025 Jun.
1960	<i>Scrophularia ningpoensis</i> (Scrophulariaceae)	2025-02-17	Xu Q, Liu C, ..., Zhou C, A chromosome-scale genome assembly and Epigenomic profiling reveal temperature-dependent histone methylation in iridoid biosynthesis regulation in <i>Scrophularia ningpoensis</i> . Hortic Res. 2025 Mar 4 12(3): uhae328. eCollection 2025 Mar.
1959	<i>Rosa xanthina</i> (Rosaceae)	2025-02-15	Liang Z, Miao J, ..., Gao X, A chromosomal-scale reference genome for <i>Rosa hugonis</i> . Sci Data. 2025 Feb 15 12(1): 272.
1958	<i>Flaveria linearis</i> (Asteraceae)	2025-02-14	Lyu MA, Du H, ..., Zhu XG, A dominant role of transcriptional regulation during the evolution of C4 photosynthesis in <i>Flaveria</i> species. Nat Commun. 2025 Feb 14 16(1): 1643.
1957	<i>Flaveria ramosissima</i> (Asteraceae)	2025-02-14	Lyu MA, Du H, ..., Zhu XG, A dominant role of transcriptional regulation during the evolution of C4 photosynthesis in <i>Flaveria</i> species. Nat Commun. 2025 Feb 14 16(1): 1643.
1956	<i>Flaveria robusta</i> (Asteraceae)	2025-02-14	Lyu MA, Du H, ..., Zhu XG, A dominant role of transcriptional regulation during the evolution of C4 photosynthesis in <i>Flaveria</i> species. Nat Commun. 2025 Feb 14 16(1): 1643.
1955	<i>Flaveria sonorensis</i> (Asteraceae)	2025-02-14	Lyu MA, Du H, ..., Zhu XG, A dominant role of transcriptional regulation during the evolution of C4 photosynthesis in <i>Flaveria</i> species. Nat Commun. 2025 Feb 14 16(1): 1643.
1954	<i>Flaveria trinervia</i> (Asteraceae)	2025-02-14	Lyu MA, Du H, ..., Zhu XG, A dominant role of transcriptional regulation during the evolution of C4 photosynthesis in <i>Flaveria</i> species. Nat Commun. 2025 Feb 14 16(1): 1643.
1953	<i>Salvia plebeia</i> (Lamiaceae)	2025-02-13	Dai Y, He M, ..., Qin M, The chromosome-scale assembly of the <i>Salvia plebeia</i> genome provides insight into the biosynthesis and regulation of rosmarinic acid. Plant Biotechnol J. 2025 Feb 13. Epub ahead of print
1952	<i>Kappaphycus striatus</i> (Soleriaceae)	2025-02-12	Zhou Z, Ma Y, ..., Duan D, Chromosome-level assembly and gene annotation of <i>Kappaphycus striatus</i> genome. Sci Data. 2025 Feb 12 12(1): 249.
1951	<i>Dioscorea nipponica</i> (Dioscoreaceae)	2025-02-11	Hu K, Feng Y, ..., Lu RS, Haplotype-resolved genome and population genomics provide insights into dioscin biosynthesis and evolutionary history of the medicinal species <i>Dioscorea nipponica</i> . Plant J. 2025 Feb 121(3): e17237.
1950	<i>Quercus alba</i> (Fagaceae)	2025-02-11	Larson DA, Staton ME, ..., Nelson CD, A haplotype-resolved reference genome of <i>Quercus alba</i> sheds light on the evolutionary history of oaks. New Phytol. 2025 Apr 246(1): 331-348. Epub 2025 Feb 11.
1949	<i>Bracteacoccus bullatus</i> (Bracteacoccaceae)	2025-02-10	Liang H, Xu Y, ..., Wang S, Chromosome-level genomes of two Bracteacoccaceae highlight adaptations to biocrusts. Nat Commun. 2025 Feb 10 16(1): 1492.
1948	<i>Bracteacoccus minor</i> (Bracteacoccaceae)	2025-02-10	Liang H, Xu Y, ..., Wang S, Chromosome-level genomes of two Bracteacoccaceae highlight adaptations to biocrusts. Nat Commun. 2025 Feb 10 16(1): 1492.
1947	<i>Peganum multisetum</i> (Nitrariaceae)	2025-02-10	Xu H, Han Y, ..., Chen S, Integration of De Novo Chromosome-Level Genome and Population Resequencing of <i>Peganum</i> (Nitrariaceae): A Case Study of Speciation and Evolutionary Trajectories in Arid Central Asia. Mol Ecol Resour. 2025 May 25(4): e14078. Epub 2025 Feb 10.
1946	<i>Amorphophallus albus</i> (Araceae)	2025-02-07	Duan L, Qin J, ..., Qin B, Genomic, transcriptomic and metabolomic analyses of <i>Amorphophallus albus</i> provides insights into the evolution and resistance to southern blight pathogen. Front Plant Sci. 2025 Feb 7 15: 1518058. eCollection 2024.
1945	<i>Caragana korshinskii</i> (Fabaceae)	2025-02-06	Mei F, Yang T, ..., Wu S, Genomic insights into drought adaptation of the forage shrub <i>Caragana korshinskii</i> (Fabaceae) widely planted in drylands. Plant J. 2025 Feb 121(3): e17255.
1944	<i>Silene dioica</i> (Caryophyllaceae)	2025-02-06	Akagi T, Fujita N, ..., Charlesworth D, Rapid and dynamic evolution of a giant Y chromosome in <i>Silene latifolia</i> . Science. 2025 Feb 7 387(6734): 637-643. Epub 2025 Feb 6.
1943	<i>Silene vulgaris</i> (Caryophyllaceae)	2025-02-06	Akagi T, Fujita N, ..., Charlesworth D, Rapid and dynamic evolution of a giant Y chromosome in <i>Silene latifolia</i> . Science. 2025 Feb 7 387(6734): 637-643. Epub 2025 Feb 6.
1942	<i>Prunus speciosa</i> (Rosaceae)	2025-02-04	Fujiwara K, Toyoda A, ..., Koide T, A Near Complete Genome Assembly of the Oshima Cherry <i>Cerasus speciosa</i> . Sci Data. 2025 Feb 4 12(1): 162.
1941	<i>Micractinium tetrahymenae</i> (Chlorellaceae)	2025-02-03	Kelly JB, Carlson DE, ..., Becks L, Genomic signatures of adaptation to stress reveal shared evolutionary trends between <i>Tetrahymena utriculariae</i> and its algal endosymbiont, <i>Micractinium tetrahymenae</i> . Mol Biol Evol. 2025 Feb 3 42(2): msaf030.
1940	<i>Capsella orientalis</i> (Brassicaceae)	2025-01-31	Kasianova AM, Mityukov VD, ..., Logacheva MD, Chromosome-Scale Assembly of <i>Capsella orientalis</i> , Maternal Progenitor of Cosmopolitan Allotetraploid <i>C. bursa-pastoris</i> . Genome Biol Evol. 2025 Jan 6 17(1): evaf009.
1939	<i>Spergularia bocconeii</i> (Caryophyllaceae)	2025-01-30	Power D, Christenhusz MJM, ..., Leitch IJ, The genome sequence of Greek sea-spurrey, <i>Spergularia bocconeii</i> (Scheele) Graebn. (Caryophyllaceae). Wellcome Open Res. 2025 Jan 30 10: 34. eCollection 2025.
1938	<i>Pontederia cordata</i> (Pontederiaceae)	2025-01-29	Wang JL, Zhang WD, ..., Chen LY, Chromosome-level genome assembly of <i>Pontederia cordata</i> L. provides insights into its rapid adaptation and variation of flower colors. DNA Res. 2025 Mar 1 32(2): dsaf002.
1937	<i>Capsicum chacoense</i> (Solanaceae)	2025-01-28	Zhang K, Yu H, ..., Cheng F, Transposon proliferation drives genome architecture and regulatory evolution in wild and domesticated peppers. Nat Plants. 2025 Feb 11(2): 359-375. Epub 2025 Jan 28.
1936	<i>Capsicum eximium</i> (Solanaceae)	2025-01-28	Zhang K, Yu H, ..., Cheng F, Transposon proliferation drives genome architecture and regulatory evolution in wild and domesticated peppers. Nat Plants. 2025 Feb 11(2): 359-375. Epub 2025 Jan 28.
1935	<i>Salsola tragus</i> (Amaranthaceae)	2025-01-25	Lemas JM, Patterson EL, ..., Gaines TA, Assembly and Annotation of the Tetraploid <i>Salsola tragus</i> (Russian thistle) Genome. Genome Biol Evol. 2025 Feb 3 17(2): evaf014.
1934	<i>Stylosanthes angustifolia</i> (Fabaceae)	2025-01-24	Liu C, Zhang J, ..., Liu P, A chromosome-scale genome assembly of the pioneer plant <i>Stylosanthes angustifolia</i> : insights into genome evolution and drought adaptation. Gigascience. 2025 Jan 6 14: giae118.
1933	<i>Urochloa eminii</i> (Poaceae)	2025-01-24	Ryan C, Fraser F, ..., Vega JJ, A haplotype-resolved chromosome-level genome assembly of <i>Urochloa decumbens</i> cv. Basilisk resolves its allopolyploid ancestry and composition. G3 (Bethesda). 2025 Jan 24: jka005. Epub ahead of print
1932	<i>Bertholletia excelsa</i> (Lecythidaceae)	2025-01-22	Wang H, Caetano-Andrade V, ..., Roberts P, Long-term human influence on the demography and genetic diversity of the hyperdominant <i>Bertholletia excelsa</i> in the Amazon Basin. Curr Biol. 2025 Feb 3 35(3): 629-639.e4. Epub 2025 Jan 24.
1931	<i>Rosa laevigata</i> (Rosaceae)	2025-01-22	Wang Y, Yan H, ..., Jian H, A high-quality chromosome-scale genome assembly of the Cherokee rose (<i>Rosa laevigata</i>). Sci Data. 2025 Jan 22 12(1): 132.
1930	<i>Bergenia purpurascens</i> (Saxifragaceae)	2025-01-21	Liu XD, Twyford AD, ..., Tan SL, A Chromosome-level genome assembly of the alpine medicinal plant <i>Bergenia purpurascens</i> (Saxifragaceae). Sci Data. 2025 Jan 21 12(1): 121.
1929	<i>Cinchona calisaya</i> (Rubiaceae)	2025-01-21	Du C, Xiao Y, ..., Xie W, A near-complete genome assembly of <i>Cinchona calisaya</i> . Sci Data. 2025 Jan 21 12(1): 122.
1928	<i>Cyperus iria</i> (Cyperaceae)	2025-01-21	Yang S, Cao Q, ..., Zhu J, Chromosome-level genome assembly of <i>Cyperus iria</i> , an aggressive weed of rice. Sci Data. 2025 Jan 21 12(1): 120.
1927	<i>Tylosema esculentum</i> (Fabaceae)	2025-01-21	Li J and Cullis C, Genome assembly and population analysis of tetraploid marama bean reveal two distinct genome types. Sci Rep. 2025 Jan 21 15(1): 2665.

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1926	<i>Calochortus tolmiei</i> (Liliaceae)	2025-01-20	Landis JB, Harden JJ, ... Specht CD, Reference genome of <i>Calochortus tolmiei</i> Hook. & Arn. (Liliaceae), a cat's ear mariposa lily. G3 (Bethesda). 2025 Mar 18 15(3): jka008.
1925	<i>Bougainvillea glabra</i> (Nyctaginaceae)	2025-01-18	Lan L, Li H, ..., Niu J, Chromosome-level and haplotype-resolved genome assembly of <i>Bougainvillea glabra</i> . Sci Data. 2025 Jan 18 12(1): 107.
1924	<i>Dovyalis afra</i> (Salicaceae)	2025-01-15	Kariba R, Waweru B, ..., Shorinola O, Draft genome sequence of Kei apple, an underutilized African tree crop Sci Data. 2025 Jan 15 12(1): 70.
1923	<i>Riccia sorocarpa</i> (Ricciaceae)	2025-01-15	Krawczyk K, Szablinska-Piernik J, ..., Sawicki J, Chromosome-scale telomere to telomere genome assembly of common crystalwort (<i>Riccia sorocarpa</i> Bisch.). Sci Data. 2025 Jan 15 12(1): 77.
1922	<i>Lagerstroemia excelsa</i> (Lythraceae)	2025-01-11	Qiao Z, .. and Chen J, Genome assembly and multiomic analyses reveal insights into flower and bark colors of <i>Lagerstroemia excelsa</i> . Plant Physiol Biochem. 2025 Jan 11, Online ahead of print.
1921	<i>Dendrobium aphyllum</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1920	<i>Dendrobium crocatum</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1919	<i>Dendrobium crumenatum</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1918	<i>Dendrobium discolor</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1917	<i>Dendrobium ellipsophyllum</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1916	<i>Dendrobium formosum</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1915	<i>Dendrobium hercoglossum</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1914	<i>Dendrobium hybrid cv. CPS</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1913	<i>Dendrobium jenkinsii</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1912	<i>Dendrobium leonis</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1911	<i>Dendrobium lindleyi</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1910	<i>Dendrobium secundum</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1909	<i>Dendrobium smillieae</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1908	<i>Dendrobium tetragonum</i> (Orchidaceae)	2025-01-10	Li Y, Zhang B, ..., Yu H, Pangeneric genome analyses reveal the evolution and diversity of the orchid genus <i>Dendrobium</i> . Nat Plants. 2025 Mar 11(3): 421-437. Epub 2025 Jan 10.
1907	<i>Diospyros sp. deyangensis</i> (Ebenaceae)	2025-01-08	Guan C, Liu Y, ..., Zhao T, The haplotype-resolved and chromosome-level reference genome assembly of <i>Diospyros deyangensis</i> provides insights into the evolution and juvenile growth of persimmon. Hortic Res. 2025 Jan 8 12(4): uhaf001. eCollection 2025 Apr.
1906	<i>Ilex paraguariensis</i> (Aquifoliaceae)	2025-01-08	Vignale FA, Hernandez Garcia A, ..., Turjanski AG, Yerba mate (<i>Ilex paraguariensis</i>) genome provides new insights into convergent evolution of caffeine biosynthesis. Elife. 2025 Jan 8 14: e104759.
1905	<i>Citrus sp. xishuangbannaensis</i> (Rutaceae)	2025-01-06	Wang F, Wang S, ..., Liu R, Haplotype-resolved genome of a papeda provides insights into the geographical origin and evolution of <i>Citrus</i> . J Integr Plant Biol. 2025 Feb 67(2): 276-293. Epub 2025 Jan 6.
1904	<i>Salvia sclarea</i> (Lamiaceae)	2025-01-04	Choi S, Kang Y, ..., Kim C, Chromosome-level genome assembly of <i>Salvia sclarea</i> . Sci Data. 2025 Jan 4 12(1): 14.
1903	<i>Anthoceros fusiformis</i> (Anthocerotaceae)	2025-01-03	Schafran P, Hauser DA, ..., Li FW, Pan-phylum genomes of hornworts reveal conserved autosomes but dynamic accessory and sex chromosomes. Nat Plants. 2025 Jan 11(1): 49-62. Epub 2025 Jan 3.
1902	<i>Leiosporoceros dussii</i> (Leiosporocerotaceae)	2025-01-03	Schafran P, Hauser DA, ..., Li FW, Pan-phylum genomes of hornworts reveal conserved autosomes but dynamic accessory and sex chromosomes. Nat Plants. 2025 Jan 11(1): 49-62. Epub 2025 Jan 3.
1901	<i>Megaceros flagellaris</i> (Dendrocerotaceae)	2025-01-03	Schafran P, Hauser DA, ..., Li FW, Pan-phylum genomes of hornworts reveal conserved autosomes but dynamic accessory and sex chromosomes. Nat Plants. 2025 Jan 11(1): 49-62. Epub 2025 Jan 3.
1900	<i>Notothyas orbicularis</i> (Notothykladaceae)	2025-01-03	Schafran P, Hauser DA, ..., Li FW, Pan-phylum genomes of hornworts reveal conserved autosomes but dynamic accessory and sex chromosomes. Nat Plants. 2025 Jan 11(1): 49-62. Epub 2025 Jan 3.
1899	<i>Paraphymatoceros pearsonii</i> (Notothykladaceae)	2025-01-03	Schafran P, Hauser DA, ..., Li FW, Pan-phylum genomes of hornworts reveal conserved autosomes but dynamic accessory and sex chromosomes. Nat Plants. 2025 Jan 11(1): 49-62. Epub 2025 Jan 3.
1898	<i>Phaeoceros carolinianus</i> (Notothykladaceae)	2025-01-03	Schafran P, Hauser DA, ..., Li FW, Pan-phylum genomes of hornworts reveal conserved autosomes but dynamic accessory and sex chromosomes. Nat Plants. 2025 Jan 11(1): 49-62. Epub 2025 Jan 3.
1897	<i>Phaeoceros sp.</i> (Notothykladaceae)	2025-01-03	Schafran P, Hauser DA, ..., Li FW, Pan-phylum genomes of hornworts reveal conserved autosomes but dynamic accessory and sex chromosomes. Nat Plants. 2025 Jan 11(1): 49-62. Epub 2025 Jan 3.
1896	<i>Phaeomegaceros chiloensis</i> (Dendrocerotaceae)	2025-01-03	Schafran P, Hauser DA, ..., Li FW, Pan-phylum genomes of hornworts reveal conserved autosomes but dynamic accessory and sex chromosomes. Nat Plants. 2025 Jan 11(1): 49-62. Epub 2025 Jan 3.
1895	<i>Phymatoceros phymatodes</i> (Phymatocerotaceae)	2025-01-03	Schafran P, Hauser DA, ..., Li FW, Pan-phylum genomes of hornworts reveal conserved autosomes but dynamic accessory and sex chromosomes. Nat Plants. 2025 Jan 11(1): 49-62. Epub 2025 Jan 3.
1894	<i>Urtica dioica</i> (Urticaceae)	2025-01-03	Hirabayashi K, Dumigan CR, ..., Todesco M, A High-Quality Phased Genome Assembly of Stinging Nettle (<i>Urtica dioica</i> ssp. <i>dioica</i>). Plants (Basel). 2025 Jan 3 14(1): 124.
1893	<i>Gloriosa superba</i> (Colchicaceae)	2025-01-02	Liang Y, Gao Q, ..., Zhang L, The giant genome of lily provides insights into the hybridization of cultivated lilies. Nat Commun. 2025 Jan 2 16(1): 45.
1892	<i>Lilium sargentiae</i> (Liliaceae)	2025-01-02	Liang Y, Gao Q, ..., Zhang L, The giant genome of lily provides insights into the hybridization of cultivated lilies. Nat Commun. 2025 Jan 2 16(1): 45.
1891	<i>Aegilops comosa</i> (Poaceae)	2024-12-31	Li H, Rehman SU, ..., Chen S, Chromosome-scale assembly and annotation of the wild wheat relative <i>Aegilops comosa</i> . Sci Data. 2024 Dec 31 11(1): 1454.

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1890	<i>Palmaria palmata</i> (<i>Palmariaceae</i>)	2024-12-30	Rosignoli S. , and Sulpice R, Draft genome of <i>Palmaria palmata</i> and intraspecific genetic variations in the North-East Atlantic. Algal Res. 2024 Dec:103887
1889	<i>Isodon lophanthoides</i> (<i>Lamiaceae</i>)	2024-12-28	Liu J, Xu S. ,.. Wang J, Genome assembly and multi-omics analyses of <i>Isodon lophanthoides</i> provide insights into the distribution of medicinal metabolites induced by exogenous methyl jasmonate. BMC Plant Biol. 2024 Dec 28 24(1): 1270.
1888	<i>Persicaria tinctoria</i> (<i>Polygonaceae</i>)	2024-12-27	Li Q, Huang H. ,.. Wang Y, Chromosome-level genome assembly of the tetraploid medicinal and natural dye plant <i>Persicaria tinctoria</i> . Sci Data. 2024 Dec 27 11(1): 1440.
1887	<i>Lonicera caerulea</i> (<i>Caprifoliaceae</i>)	2024-12-26	Wang J, Wang X. ,.. Xu Z, <i>Lonicera caerulea</i> genome reveals molecular mechanisms of freezing tolerance and anthocyanin biosynthesis. J Adv Res. 2024 Dec 26: S2090-1232(24)00615-5. Epub ahead of print
1886	<i>Cardamine chenopodiifolia</i> (<i>Brassicaceae</i>)	2024-12-23	Emonet A, Awad M. ,.. Hay A, Polyplod genome assembly of <i>Cardamine chenopodiifolia</i> . GigaByte. 2024 Dec 23 2024: gigabyte145. eCollection 2024.
1885	<i>Pandanus amaryllifolius</i> (<i>Pandanaceae</i>)	2024-12-23	Sidek N. , and Teo CH, Whole Genome Assembly, Annotation, and Comparative Genomic Analysis of <i>Pandanus amaryllifolius</i> . Plant Mol Biol Rep. 2024 Dec
1884	<i>Firmiana hainanensis</i> (<i>Malvaceae</i>)	2024-12-19	Dong Z, Jin S. ,.. Fang L, High-quality genome of <i>Firmiana hainanensis</i> provides insights into the evolution of <i>Malvaceae</i> subfamilies and the mechanism of their wood density formation. J Genet Genomics. 2024 Dec 19: S1673-8527(24)00362-X. Epub ahead of print
1883	<i>Abeliophyllum distichum</i> (<i>Oleaceae</i>)	2024-12-18	Jang H, Cho A. ,.. Mun JH, Chromosome-level assemblies of the endemic Korean species <i>Abeliophyllum distichum</i> and <i>Forsythia ovata</i> . Sci Data. 2024 Dec 18 11(1): 1372.
1882	<i>Alopecurus aequalis</i> (<i>Poaceae</i>)	2024-12-18	Wright J, Baker K. ,.. MacGregor D, Chromosome-scale genome assembly and de novo annotation of <i>Alopecurus aequalis</i> . Sci Data. 2024 Dec 18 11(1): 1368.
1881	<i>Angraecum sesquipedale</i> (<i>Orchidaceae</i>)	2024-12-18	Jiang K, Moller BL. ,.. Huang WC, Genomic, transcriptomic, and metabolomic analyses reveal convergent evolution of oxime biosynthesis in Darwins orchid. Mol Plant. 2025 Mar 3 18(3): 392-415. Epub 2024 Dec 18.
1880	<i>Firmiana kwangsiensis</i> (<i>Malvaceae</i>)	2024-12-18	Wang B, Zhang R. ,.. Yang J, A nearly telomere-to-telomere diploid genome assembly of <i>Firmiana kwangsiensis</i> , a threatened species in China. Sci Data. 2024 Dec 18 11(1): 1394.
1879	<i>Forsythia ovata</i> (<i>Oleaceae</i>)	2024-12-18	Jang H, Cho A. ,.. Mun JH, Chromosome-level assemblies of the endemic Korean species <i>Abeliophyllum distichum</i> and <i>Forsythia ovata</i> . Sci Data. 2024 Dec 18 11(1): 1372.
1878	<i>Sphenostylis stenocarpa</i> (<i>Fabaceae</i>)	2024-12-18	Waweru B, Njaci I. ,.. Shorinola O, Chromosome-scale assembly of the African yam bean genome. Sci Data. 2024 Dec 18 11(1): 1384.
1877	<i>Trifolium alexandrinum</i> (<i>Fabaceae</i>)	2024-12-18	Sato MP, Arafa RA. ,.. Shirasawa K, Near-complete telomere-to-telomere de novo genome assembly in Egyptian clover (<i>Trifolium alexandrinum</i>). DNA Res. 2024 Dec 27 32(1): dsae036.
1876	<i>Acer pentaphyllum</i> (<i>Sapindaceae</i>)	2024-12-17	Li X, Jiang LS. ,.. Xu B, High-Resolution Genome Assembly and Population Genetic Study of the Endangered Maple <i>Acer pentaphyllum</i> (<i>Sapindaceae</i>): Implications for Conservation Strategies. Hortic Res. 2024 Dec 17 12(4): uhae357. eCollection 2025 Apr.
1875	<i>Pteroceltis tatarinowii</i> (<i>Cannabaceae</i>)	2024-12-16	Qiao Q. ,. and Gao Y, Chromosome-level genome assembly of <i>Pteroceltis tatarinowii</i> provides new insights into evolution and fiber biosynthesis. Ind Crops Prod. 2025 Feb, 224: 120316. Epub 2024 Dec 16.
1874	<i>Toona fargesii</i> (<i>Meliaceae</i>)	2024-12-15	Ma J. ,. and Zhang L, Chromosome-scale genomes of <i>Toona fargesii</i> provide insights into competency of root sprouting. J Syst Evol. 2024, Online ahead of print.
1873	<i>Coccomyxa elongata</i> (<i>Coccomyxaceae</i>)	2024-12-13	Kraege A, Chavarro-Carrero E. ,.. Rovenich H, High quality genome assembly and annotation (v1) of the eukaryotic freshwater microalga <i>Coccomyxa elongata</i> SAG 216-3b. G3 (Bethesda). 2025 Feb 5 15(2): jkae294.
1872	<i>Lobelia seguinii</i> (<i>Campanulaceae</i>)	2024-12-13	Zhang N, Zhao P. ,.. Chen L, A chromosome-level genome of <i>Lobelia seguinii</i> provides insights into the evolution of <i>Campanulaceae</i> and the lobeline biosynthesis. Genomics. 2025 Jan 117(1): 110979. Epub 2024 Dec 14.
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1870	<i>Selaginella silvestris</i> (<i>Selaginellaceae</i>)	2024-12-12	Alejo-Jacuinde G, Chavez Montes RA. ,.. Herrera-Estrella L, Gene family rearrangements and transcriptional priming drive the evolution of vegetative desiccation tolerance in <i>Selaginella</i> . Plant J. 2025 Jan 121(1): e17169. Epub 2024 Dec 12.
1869	<i>Ptychostomum knowltonii</i> (<i>Bryaceae</i>)	2024-12-10	Ma C, Zhou X. ,.. Peng T, Chromosome-level Genome Assembly and Annotation of the Arctic Moss <i>Ptychostomum knowltonii</i> . Genome Biol Evol. 2025 Jan 6 17(1): evae268.
1868	<i>Neltuma pallida</i> (<i>Fabaceae</i>)	2024-12-05	La Torre R, Hamilton JP. ,.. Orjeda G, A chromosome-level genome assembly of the Peruvian Algarrobo (<i>Neltuma pallida</i>) provides insights on its adaptation to its unique ecological niche. G3 (Bethesda). 2025 Feb 5 15(2): jkae283.
1867	<i>Avena sterilis</i> (<i>Poaceae</i>)	2024-12-03	He Q, Li W. ,.. Du H, The near-complete genome assembly of hexaploid wild oat reveals its genome evolution and divergence with cultivated oats. Nat Plants. 2024 Dec 10(12): 2062-2078. Epub 2024 Dec 3.
1866	<i>Berberis vulgaris</i> (<i>Berberidaceae</i>)	2024-12-03	Ruhsam M, The genome sequence of <i>Berberis vulgaris</i> L. Wellcome Open Res. 2024 Dec 3 9: 710. eCollection 2024.
1865	<i>Straminergon stramineum</i> (<i>Calliergonaceae</i>)	2024-12-03	Bell D, Kungu L and Long D, The genome sequence of the straw spear-moss, <i>Straminergon stramineum</i> (Dicks. ex Brid.) Hedenas, 1993. Wellcome Open Res. 2024 Dec 3 9: 712. eCollection 2024.
1864	<i>Ceratonía siliqua</i> (<i>Fabaceae</i>)	2024-12-02	Akutsu M, Shinozawa A. ,.. Hiwatashi Y, De novo sequencing allows genome-wide identification of genes involved in galactomannan synthesis in locust bean (<i>Ceratonía siliqua</i>). DNA Res. 2024 Dec 1 31(6): dsae033.
1863	<i>Zanthoxylum nitidum</i> (<i>Rutaceae</i>)	2024-12-02	Zhu Y, Tan G. ,.. Jiang J, A high-quality chromosome-level genome assembly of the traditional Chinese medicinal herb <i>Zanthoxylum nitidum</i> . Sci Data. 2024 Dec 2 11(1): 1311.
1862	<i>Isodon serra</i> (<i>Lamiaceae</i>)	2024-11-30	Hou L, Niu Z. ,.. Chen Q, The <i>Isodon serra</i> genome sheds light on tanshinone biosynthesis and reveals the recursive karyotype evolutionary histories within Lamiales. Plant J. 2025 Jan 121(1): e17170. Epub 2024 Nov 30.
1861	<i>Phellodendron amurense</i> (<i>Rutaceae</i>)	2024-11-29	Xu Z, Tian Y. ,.. Chen S, Convergent evolution of berberine biosynthesis. Sci Adv. 2024 Nov 29 10(48): eads3596. Epub 2024 Nov 29.
1860	<i>Bergenia scopulosa</i> (<i>Saxifragaceae</i>)	2024-11-28	Yang YX, Wang M. ,.. Li ZH, The chromosome-level genome assembly of an endangered herb <i>Bergenia scopulosa</i> provides insights into local adaptation and genomic vulnerability under climate change. Gigascience. 2024 Jan 2 13: giae091.
1859	<i>Centaurea solstitialis</i> (<i>Asteraceae</i>)	2024-11-27	Reatini B, Pelosi JA. ,.. Dlugosch KM, Chromosome-scale reference genome and RAD-based genetic map of yellow starthistle (<i>Centaurea solstitialis</i>) reveal putative structural variation and QTL associated with invader traits. Genome Biol Evol. 2024 Dec 4 16(12): evae243.
1858	<i>Iodes seguinii</i> (<i>Icacinaceae</i>)	2024-11-27	Gong X, Zhang H. ,.. Tang M, Chromosome-level genome assembly of <i>Iodes seguinii</i> and its metabonomic implications for rheumatoid arthritis treatment. Plant Genome. 2025 Mar 18(1): e20534. Epub 2024 Nov 27.
1857	<i>Solanum stoloniferum</i> (<i>Solanaceae</i>)	2024-11-25	Hosaka AJ, Sanetomo R. ,.. Hosaka K, Allotetraploid nature of a wild potato species, <i>Solanum stoloniferum</i> Schlecht. et Bche., as revealed by whole-genome sequencing. Plant J. 2025 Jan 121(1): e17158. Epub 2024 Nov 25.
1856	<i>Pellacalyx yunnanensis</i> (<i>Rhizophoraceae</i>)	2024-11-22	Shao S, Li Y. ,.. Xu S, Chromosomal-Level Genome Suggests Adaptive Constraints Leading to the Historical Population Decline in an Extremely Endangered Plant. Mol Ecol Resour. 2025 Apr 25(3): e14045. Epub 2024 Nov 22.

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1854	<i>Cibotium barometz</i> (<i>Cibotiaceae</i>)	2024-11-12	Qin G, .. and Song J, Chromosome-Scale Genome of the Fern <i>Cibotium barometz</i> Unveils a Genetic Resource of Medicinal Value. <i>Horticulturae</i> . 2024, 10(11), 1191
1853	<i>Salix tetrasperma</i> (<i>Salicaceae</i>)	2024-11-12	Wang Y, Zhang RG, ..., He L, Evolution of Sex-linked Genes and the Role of Pericentromeric Regions in Sex Chromosomes: Insights from Diploid Willows. <i>Mol Biol Evol</i> . 2024 Nov 1 41(11): msae235.
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1851	<i>Clinopodium gracile</i> (<i>Lamiaceae</i>)	2024-11-11	Gao Y, Chromosome-level assembly of the <i>Clinopodium gracile</i> genome. <i>Front Plant Sci</i> . 2024 Nov 11 15: 1489102. eCollection 2024.
1850	<i>Ribes nigrum</i> (<i>Grossulariaceae</i>)	2024-11-11	Ziegler FMR, Rosenthal V, ..., Usadel B, A full genome assembly reveals drought stress effects on gene expression and metabolite profiles in blackcurrant (<i>Ribes nigrum</i> L.). <i>Hortic Res</i> . 2024 Nov 11 12(2): uhae313. eCollection 2025 Feb.
1849	<i>Camellia indochinensis</i> (<i>Theaceae</i>)	2024-11-07	Lu Y, .. and Liang Y, Chromosome-scale assembly and analysis of yellow <i>Camellia</i> (<i>Camellia limonia</i>) genome reveal plant adaptation mechanism and flavonoid biosynthesis in karst region. <i>Glob Ecol Conserv</i> . 56: e03296
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1847	<i>Plinia cauliflora</i> (<i>Myrtaceae</i>)	2024-11-07	Zhao L, Li Z, ..., Xia Z, The telomere-to-telomere genome of <i>Jaboticaba</i> reveals the genetic basis of fruit color and citric acid content. <i>Int J Mol Sci</i> . 2024 Nov 7 25(22): 11951.
1846	<i>Uncaria rhynchophylla</i> (<i>Rubiaceae</i>)	2024-11-07	Hu T, Tuan L, ..., Zhang M, Haploid-Phased Chromosomal Telomere-to-Telomere Genome Assembly of Medicinal Plant <i>Uncaria rhynchophylla</i> Dissects Genetic Controls on the Biosynthesis of Bioactive Alkaloids. <i>Plant Cell Environ</i> . 2025 Mar 48(3): 1932-1946. Epub 2024 Nov 7.
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1844	<i>Vitis davidii</i> (<i>Vitaceae</i>)	2024-11-06	Luo Y, Liu Z, ..., Zhang Y, Phased T2T genome assemblies facilitate the mining of disease-resistance genes in <i>Vitis davidii</i> . <i>Hortic Res</i> . 2024 Nov 6 12(2): uhae306. eCollection 2025 Feb.
1843	<i>Vriesea erythrodactylon</i> (<i>Bromeliaceae</i>)	2024-11-06	Lyu X, Li P, ..., Zhang M, Tracing the evolutionary and genetic footprints of atmospheric tillandsioids transition from land to air. <i>Nat Commun</i> . 2024 Nov 6 15(1): 9599.
1842	<i>Cryptomeria japonica</i> (<i>Cupressaceae</i>)	2024-11-05	Fujino T, Yamaguchi K, ..., Kasahara M, A chromosome-level genome assembly of a model conifer plant, the Japanese cedar, <i>Cryptomeria japonica</i> D. Don. <i>BMC Genomics</i> . 2024 Nov 5 25(1): 1039.
1841	<i>Codonopsis pilosula</i> (<i>Campanulaceae</i>)	2024-11-04	Chen BZ, Yang ZJ, ..., Duan SC, Chromosome-scale genome assembly of <i>Codonopsis pilosula</i> and comparative genomic analyses shed light on its genome evolution. <i>Front Plant Sci</i> . 2024 Nov 4 15: 1469375. eCollection 2024.
1840	<i>Medicago arabica</i> (<i>Fabaceae</i>)	2024-11-04	Christenhusz MJM, Fay MF, ..., Leitch IJ, The genome sequence of spotted medick, <i>Medicago arabica</i> (L.) Huds. (<i>Fabaceae</i>) <i>Wellcome Open Res</i> . 2024 Nov 4 9: 116. eCollection 2024.
1839	<i>Salix cheilophila</i> (<i>Salicaceae</i>)	2024-11-04	Gao B, Sun PC, ..., Zhu FY, A telomere-to-telomere genome assembly of <i>Salix cheilophila</i> reveals its evolutionary signatures for environmental adaptation. <i>Plant Commun</i> . 2025 Feb 10 6(2): 101182. Epub 2024 Nov 5.
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1836	<i>Urtica urens</i> (<i>Urticaceae</i>)	2024-11-01	Christenhusz MJM and Twyford AD, The genome sequence of the small nettle, <i>Urtica urens</i> L. (<i>Urticaceae</i>). <i>Wellcome Open Res</i> . 2024 Nov 1 9: 639. eCollection 2024.
1835	<i>Dalbergia candenatensis</i> (<i>Fabaceae</i>)	2024-10-31	Shi M, Zhang Y, ..., Tu T, Chromosome-scale genome assembly of the mangrove climber species <i>Dalbergia candenatensis</i> . <i>Sci Data</i> . 2024 Oct 31 11(1): 1187.
1834	<i>Magnolia sieboldii</i> (<i>Magnoliaceae</i>)	2024-10-30	Lu X, Mei M, ..., Ai W, The Chromosome-Scale Genome of <i>Magnolia sieboldii</i> K. Koch Provides Insight Into the Evolutionary Position of Magnoliids and Seed Germination. <i>Mol Ecol Resour</i> . 2025 Jan 25(1): e14030. Epub 2024 Oct 30.
1833	<i>Curcuma petiolata</i> (<i>Zingiberaceae</i>)	2024-10-29	Liao X, Xie D, ..., Wang L, Inversions encounter relaxed genetic constraints and balance birth and death of TPS genes in <i>Curcuma</i> . <i>Nat Commun</i> . 2024 Oct 29 15(1): 9349.
1832	<i>Draba incana</i> (<i>Brassicaceae</i>)	2024-10-29	Ruhsam M, The genome sequence of Hoary Whitlowgrass, <i>Draba incana</i> L. <i>Wellcome Open Res</i> . 2024 Oct 29 9: 630. eCollection 2024.
1831	<i>Gaultheria prostrata</i> (<i>Ericaceae</i>)	2024-10-29	Lin YJ, Ding XY, ..., Lu L, First De Novo genome assembly and characterization of <i>Gaultheria prostrata</i> . <i>Front Plant Sci</i> . 2024 Oct 29 15: 1456102. eCollection 2024.
1830	<i>Lilium davidii</i> (<i>Liliaceae</i>)	2024-10-24	Xu S, Chen R, ..., Teng N, The evolutionary tale of lilies: Giant genomes derived from transposon insertions and polyploidization. <i>Innovation (Camb)</i> . 2024 Oct 24 5(6): 100726. eCollection 2024 Nov 4.
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1827	<i>Inga laevigata</i> (<i>Fabaceae</i>)	2024-10-17	Schley RJ, Pennington RT, ..., Michael TP, The genome sequence of <i>Inga leiocalycina</i> Benth. <i>Wellcome Open Res</i> . 2024 Oct 17 9: 606. eCollection 2024.
1826	<i>Inga oerstediana</i> (<i>Fabaceae</i>)	2024-10-17	Schley RJ, Pennington RT, ..., Michael TP, The genome sequence of <i>Inga oerstediana</i> Benth. <i>Wellcome Open Res</i> . 2024 Oct 17 9: 607. eCollection 2024.
1825	<i>Sambucus nigra</i> (<i>Viburnaceae</i>)	2024-10-17	Christenhusz MJM and Leitch IJ, The genome sequence of black elder, <i>Sambucus nigra</i> Linnaeus, 1753 (<i>Adoxaceae</i>). <i>Wellcome Open Res</i> . 2024 Oct 17 9: 609. eCollection 2024.
1824	<i>Beckmannia syzigachne</i> (<i>Poaceae</i>)	2024-10-16	Han Y, Wu J, ..., Li X, Assembling a reference-quality genome and resequencing diverse accessions of <i>Beckmannia syzigachne</i> provide insights into population structure and gene family evolution. <i>Plant Commun</i> . 2025 Jan 13 6(1): 101174. Epub 2024 Oct 16.
1823	<i>Arctium minus</i> (<i>Asteraceae</i>)	2024-10-15	Christenhusz MJM and Martin CA, The genome sequence of lesser burdock, <i>Arctium minus</i> (Hill) Bernh. (<i>Asteraceae</i>). <i>Wellcome Open Res</i> . 2024 Oct 15 9: 589. eCollection 2024.
1822	<i>Adansonia digitata</i> (<i>Malvaceae</i>)	2024-10-12	Kitony JK, Colt K, ..., Michael TP, Chromosome-level baobab genome illuminates its evolutionary trajectory and environmental adaptation. <i>Nat Commun</i> . 2024 Oct 12 15(1): 8833.
1821	<i>Rosa hybrid cv. Samantha</i> (<i>Rosaceae</i>)	2024-10-11	Zhang Z, Yang T, ..., Gao J, Haplotype-resolved genome assembly and resequencing provide insights into the origin and breeding of modern rose. <i>Nat Plants</i> . 2024 Nov 10(11): 1659-1671. Epub 2024 Oct 11.
1820	<i>Digitaria radicata</i> (<i>Poaceae</i>)	2024-10-10	Minoji K and Sakai T, A chromosome-scale genome assembly of Timorese crabgrass (<i>Digitaria radicata</i>): a useful genomic resource for the <i>Poaceae</i> . <i>G3 (Bethesda)</i> . 2024 Oct 10 14(12): jkae242. Epub ahead of print

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1818	<i>Malpighia emarginata</i> (Malpighiaceae)	2024-10-07	Shirasawa K, Harada K, ..., Nishizawa Y, Chromosome-scale genome assembly of acerola (<i>Malpighia emarginata</i> DC.). DNA Res. 2024 Dec 1 31(6): dsae029.
1817	<i>Liquidambar styraciflua</i> (Altingiaceae)	2024-10-03	Ma Y, Ding S, ..., Qiu Y, Chromosome-level genome assembly of American sweetgum (<i>Liquidambar styraciflua</i> , Altingiaceae). Sci Data. 2024 Oct 3 11(1): 1078.
1816	<i>Salvia divinorum</i> (Lamiaceae)	2024-10-01	Ford SA, Ness RW, ..., Phillips MA, A chromosome level reference genome of Diviner's sage (<i>Salvia divinorum</i>) provides insight into salvinorin A biosynthesis. BMC Plant Biol. 2024 Oct 1 24(1): 914.
1815	<i>Rosa gigantea</i> (Rosaceae)	2024-09-30	Zhou L, Wu S, ..., Zhang Q, Multi-omics analyzes of <i>Rosa gigantea</i> illuminate tea scent biosynthesis and release mechanisms. Nat Commun. 2024 Sep 30 15(1): 8469.
1814	<i>Rhododendron bailense</i> (Ericaceae)	2024-09-29	Wen S, .. and Shen X, Chromosome-level genome assembly of a rare karst-growing <i>Rhododendron</i> species provides insights into its evolution and environmental adaptation. J Syst Evol. 2024, Online ahead of print.
1813	<i>Cirsium nipponicum</i> (Asteraceae)	2024-09-27	Choi BY, Kim J, ..., Shim D, De Novo Genome Assembly and Phylogenetic Analysis of <i>Cirsium nipponicum</i> . Genes (Basel). 2024 Sep 27 15(10): 1269.
1812	<i>Ilex hylonoma</i> (Aquifoliaceae)	2024-09-27	Feng L, Yao Y, ..., Hu Q, Integrated genomic, transcriptomic, and metabolomic analyses of <i>Ilex hylonoma</i> provide insights into the triterpenoid saponin biosynthesis. Plant J. 2024 Nov 120(3): 1176-1189. Epub 2024 Sep 27.
1811	<i>Ziziphus mauritiana</i> (Rhamnaceae)	2024-09-26	Guo M, Bi G, ..., Zhao X, Genomes of autotetraploid wild and cultivated <i>Ziziphus mauritiana</i> reveal polyploid evolution and crop domestication. Plant Physiol. 2024 Dec 2 196(4): 2701-2720.
1810	<i>Citrus garrawayae</i> (Rutaceae)	2024-09-24	Nakandala U, Furtado A, ..., Henry RJ, The genomes of Australian wild limes. Plant Mol Biol. 2024 Sep 24 114(5): 102.
1809	<i>Fraxinus angustifolia</i> (Oleaceae)	2024-09-21	Liu JN, Yan L, ..., Fang H, Pan-genome analyses of eleven <i>Fraxinus</i> species provide insights into salt adaptation in ash trees. Plant Commun. 2025 Jan 13 6(1): 101137. Epub 2024 Sep 21.
1808	<i>Fraxinus baroniana</i> (Oleaceae)	2024-09-21	Liu JN, Yan L, ..., Fang H, Pan-genome analyses of eleven <i>Fraxinus</i> species provide insights into salt adaptation in ash trees. Plant Commun. 2025 Jan 13 6(1): 101137. Epub 2024 Sep 21.
1807	<i>Fraxinus chinensis</i> (Oleaceae)	2024-09-21	Liu JN, Yan L, ..., Fang H, Pan-genome analyses of eleven <i>Fraxinus</i> species provide insights into salt adaptation in ash trees. Plant Commun. 2025 Jan 13 6(1): 101137. Epub 2024 Sep 21.
1806	<i>Fraxinus hubeiensis</i> (Oleaceae)	2024-09-21	Liu JN, Yan L, ..., Fang H, Pan-genome analyses of eleven <i>Fraxinus</i> species provide insights into salt adaptation in ash trees. Plant Commun. 2025 Jan 13 6(1): 101137. Epub 2024 Sep 21.
1805	<i>Fraxinus mandshurica</i> (Oleaceae)	2024-09-21	Liu JN, Yan L, ..., Fang H, Pan-genome analyses of eleven <i>Fraxinus</i> species provide insights into salt adaptation in ash trees. Plant Commun. 2025 Jan 13 6(1): 101137. Epub 2024 Sep 21.
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1803	<i>Fraxinus sogdiana</i> (Oleaceae)	2024-09-21	Liu JN, Yan L, ..., Fang H, Pan-genome analyses of eleven <i>Fraxinus</i> species provide insights into salt adaptation in ash trees. Plant Commun. 2025 Jan 13 6(1): 101137. Epub 2024 Sep 21.
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1800	<i>Halimeda opuntia</i> (Halimedaceae)	2024-09-20	Zhang H, Wang X, ..., Lin Q, Genome of <i>Halimeda opuntia</i> reveals differentiation of subgenomes and molecular bases of multinucleation and calcification in algae. Proc Natl Acad Sci U S A. 2024 Sep 24 121(39): e2403222121. Epub 2024 Sep 20.
1799	<i>Antiaris toxicaria</i> (Moraceae)	2024-09-18	Miao K, Wang Y, ..., Ji Y, Haplotype-resolved genome assembly of the upas tree (<i>Antiaris toxicaria</i>). Sci Data. 2024 Sep 18 11(1): 1011.
1798	<i>Bromus sterilis</i> (Poaceae)	2024-09-18	Christenhusz MJM, The genome sequence of barren brome, <i>Bromus sterilis</i> L. (Poaceae). Wellcome Open Res. 2024 Nov 20 9: 534. eCollection 2024.
1797	<i>Coptis teeta</i> (Ranunculaceae)	2024-09-18	Wang Y, Liu Y, ..., Ji Y, A haplotype-resolved genome assembly of <i>Coptis teeta</i> , an endangered plant of significant medicinal value. Sci Data. 2024 Sep 18 11(1): 1012.
1796	<i>Madhuca longifolia</i> (Sapotaceae)	2024-09-18	Wang S, Lin H, ..., Zhang L, High-quality chromosome-level genomic insights into molecular adaptation to low-temperature stress in <i>Madhuca longifolia</i> in southern subtropical China. BMC Genomics. 2024 Sep 18 25(1): 877.
1795	<i>Rhododendron championiae</i> (Ericaceae)	2024-09-18	Xia XM, Du HL, ..., Wang XQ, Genomic insights into adaptive evolution of the species-rich cosmopolitan plant genus <i>Rhododendron</i> . Cell Rep. 2024 Oct 22 43(10): 114745. Epub 2024 Sep 18.
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1792	<i>Rhododendron neriflorum</i> (Ericaceae)	2024-09-18	Xia XM, Du HL, ..., Wang XQ, Genomic insights into adaptive evolution of the species-rich cosmopolitan plant genus <i>Rhododendron</i> . Cell Rep. 2024 Oct 22 43(10): 114745. Epub 2024 Sep 18.
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1790	<i>Lupinus mutabilis</i> (Fabaceae)	2024-09-12	Pancaldi F, Gulisano A, ..., Trindade LM, The genome of <i>Lupinus mutabilis</i> : Evolution and genetics of an emerging bio-based crop. Plant J. 2024 Nov 120(3): 881-900. Epub 2024 Sep 12.
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1786	<i>Chenopodium album</i> (Amaranthaceae)	2024-09-04	Mian S and Christenhusz MJM, The genome sequence of fat-hen, <i>Chenopodium album</i> L. Wellcome Open Res. 2024 Oct 15 9: 508. eCollection 2024.
1785	<i>Gongora gibba</i> (Orchidaceae)	2024-09-04	Guizar Amador MF, Darragh K, ..., Ramirez SR, The <i>Gongora gibba</i> genome assembly provides new insights into the evolution of floral scent in male euglossine bee-pollinated orchids. G3 (Bethesda). 2024 Nov 6 14(11): jkae211.
1784	<i>Sageretia thea</i> (Rhamnaceae)	2024-09-04	Jo J, Park JS, ..., Lee SA, The first chromosomal-level genome assembly of <i>Sageretia thea</i> using Nanopore long reads and Pore-C technology. Sci Data. 2024 Sep 4 11(1): 959.
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1781	<i>Clitoria ternatea</i> (Fabaceae)	2024-08-27	Yuan L, Lei L, ..., Fan W, The genomes of 5 underutilized Papilionoideae crops provide insights into root nodulation and disease resistance. Gigascience. 2024 Jan 2 13: giae063.
1780	<i>Crotalaria linifolia</i> (Fabaceae)	2024-08-27	Yuan L, Lei L, ..., Fan W, The genomes of 5 underutilized Papilionoideae crops provide insights into root nodulation and disease resistance. Gigascience. 2024 Jan 2 13: giae063.
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1743	<i>Reaumuria soongarica</i> (Tamaricaceae)	2024-07-22	Song M, Gong W, ..., Dang Z, Chromosome-level genome assembly and annotation of xerophyte secretohalophyte Reaumuria soongarica. Sci Data. 2024 Jul 22 11(1): 812.
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1737	<i>Gentiana straminea</i> (Gentianaceae)	2024-07-17	Kelsang GA, Ni L, ..., Zhao Z, Insights from the first chromosome-level genome assembly of the alpine gentian Gentiana straminea Maxim. (Insight from genome assembly of Gentiana straminea). DNA Res. 2024 Oct 1 31(5): dsae022.
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1735	<i>Magnolia kwangsiensis</i> (Magnoliaceae)	2024-07-13	Shi CY, Qin GL, ..., Gao LX, A high-quality chromosome-level genome assembly of the endangered tree Kmeria septentrionalis. Sci Data. 2024 Jul 13 11(1): 775.
1734	<i>Hibiscus sabdariffa</i> (Malvaceae)	2024-07-12	Kim T, Lee JH, ..., Kim SG, Genome assembly of Hibiscus sabdariffa L. provides insights into metabolisms of medicinal natural products. G3 (Bethesda). 2024 Aug 7 14(8): jkae134.
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1729	<i>Citrullus naudinianus</i> (Cucurbitaceae)	2024-07-08	Zhang Y, Zhao M, ..., He H, Telomere-to-telomere Citrullus super-pangenome provides direction for watermelon breeding. Nat Genet. 2024 Aug 56(8): 1750-1761. Epub 2024 Jul 8.
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1723	<i>Corymbia calophylla</i> (Myrtaceae)	2024-06-27	Ahrens CW, Murray K, ..., Rymer PD, Genomic determinants, architecture, and constraints in drought-related traits in Corymbia calophylla. BMC Genomics. 2024 Jun 27 25(1): 640.
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1717	<i>Cnidium monnieri</i> (Apiaceae)	2024-06-22	Wang Z, He J, ..., Xu D, Chromosome-level genome assembly of Cnidium monnieri, a highly demanded traditional Chinese medicine. Sci Data. 2024 Jun 22 11(1): 667.
1716	<i>Atractylodes lancea</i> (Asteraceae)	2024-06-21	Zhang C, Wang S, ..., Guo L, Genome resequencing reveals the genetic basis of Population Evolution, local adaptation, and rewiring of the rhizomes metabolome in Atractylodes lancea. Hortic Res. 2024 Jun 21 11(8): uhae167. eCollection 2024 Aug.
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1711	<i>Sinojackia xylocarpa</i> (Styracaceae)	2024-06-18	Zhu S, Wei XF, ..., Duan YF, The jacktree genome and population genomics provides insights for the mechanisms of the germination obstacle and the conservation of endangered ornamental plants. Hortic Res. 2024 Jun 18 11(8): uhae166. eCollection 2024 Aug.

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1709	<i>Ischnosiphon puberulus</i> (Marantaceae)	2024-06-17	Palma-Silva C, Mortati AF, ..., Andre T, Ecological transcriptomics reveals stress response pathways of a ground-herb species in a waterlogging gradient of Amazonian riparian forests. Mol Ecol. 2024 Jun 17: e17437. Epub ahead of print
1708	<i>Lepidium apetalum</i> (Brassicaceae)	2024-06-17	Yan H, Zhu Y, ..., Feng W, A chromosome-level genome assembly and annotation of the medicinal plant <i>Lepidium apetalum</i> . BMC Genom Data. 2024 Jun 17 25(1): 61.
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1705	<i>Cosmos bipinnatus</i> (Asteraceae)	2024-06-13	Wang H, Xu D, ..., Fan W, The genomes of <i>Dahlia pinnata</i> , <i>Cosmos bipinnatus</i> , and <i>Bidens alba</i> in tribe Coreopsideae provide insights into polyploid evolution and inulin biosynthesis. Gigascience. 2024 Jan 2 13: giae032.
1704	<i>Dahlia pinnata</i> (Asteraceae)	2024-06-13	Wang H, Xu D, ..., Fan W, The genomes of <i>Dahlia pinnata</i> , <i>Cosmos bipinnatus</i> , and <i>Bidens alba</i> in tribe Coreopsideae provide insights into polyploid evolution and inulin biosynthesis. Gigascience. 2024 Jan 2 13: giae032.
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1702	<i>Prasiola crispa</i> (Prasiolaceae)	2024-06-10	Kosugi M, Ohtani S, ..., Minagawa J, Characterization of the far-red light absorbing light-harvesting chlorophyll a/b binding complex, a derivative of the distinctive Lhca gene family in green algae. Front Plant Sci. 2024 Jun 10 15: 1409116. eCollection 2024.
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1700	<i>Camellia crapnelliana</i> (Theaceae)	2024-06-07	Zhang F, Feng LY, ..., Gao LZ, Chromosome-scale genome assembly of oil-tea tree <i>Camellia crapnelliana</i> . Sci Data. 2024 Jun 7 11(1): 599.
1699	<i>Deinandra increscens</i> (Asteraceae)	2024-06-07	McEvoy SL, Meyer RS, ..., Guilliams CM, The reference genome of an endangered Asteraceae, <i>Deinandra increscens</i> subsp. villosa, endemic to the Central Coast of California. G3 (Bethesda). 2024 Aug 7 14(8): jkae117.
1698	<i>Ancylonema nordenskiöldii</i> (Mesotaeniaceae)	2024-06-06	Bowles AMC, Williams TA, ..., Williamson CJ, Metagenome-assembled genome of the glacier alga <i>Ancylonema</i> yields insights into the evolution of streptophyte life on ice and land. New Phytol. 2024 Nov 244(4): 1629-1643. Epub 2024 Jun 6.
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1696	<i>Ehretia macrophylla</i> (Ehretiaceae)	2024-06-05	Cheng S, Zhang Q, ..., Feng S, Haplotype-resolved chromosome-level genome assembly of <i>Ehretia macrophylla</i> . Sci Data. 2024 Jun 5 11(1): 589.
1695	<i>Theobroma grandiflorum</i> (Malvaceae)	2024-06-05	Alves RM, de Abreu VAC, ..., Varani AM, Genomic decoding of <i>Theobroma grandiflorum</i> (cupuassu) at chromosomal scale: evolutionary insights for horticultural innovation. Gigascience. 2024 Jan 2 13: giae027.
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1693	<i>Syringa pinnatifolia</i> (Oleaceae)	2024-06-02	Gao J, Wang J, ..., Huang L, A <i>Syringa pinnatifolia</i> genome assembly reveals the zerumbone biosynthesis machinery with a cytochrome P450-catalysed epoxidation reaction in eudicots. Plant Biotechnol J. 2024 Sep 22(9): 2629-2631. Epub 2024 Jun 2.
1692	<i>Carex breviculmis</i> (Cyperaceae)	2024-06-01	Yuan T, Gao X, ..., Zhang G, The genome assembly of <i>Carex breviculmis</i> provides evidence for its phylogenetic localization and environmental adaptation. Ann Bot. 2024 Aug 22 134(3): 467-484.
1691	<i>Pseudocymodonia sinensis</i> (Rosaceae)	2024-05-31	Yang Y, Liu JF, ..., Jiang XF, A chromosome-level genome assembly of Chinese quince (<i>Pseudocymodonia sinensis</i>). Front Plant Sci. 2024 May 31 15: 1368861. eCollection 2024.
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1635	<i>Limnomonas spitsbergensis</i> (<i>C.incertae sedis</i>)	2024-04-25	Hulatt CJ, Suzuki H, ..., Posewitz MC, The genome of the Arctic snow-alga <i>Limnomonas spitsbergensis</i> (Chlamydomonadales). G3 (Bethesda). 2024 Jul 8 14(7): jkae086.
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1627	<i>Coffea eugenoides</i> (<i>Rubiaceae</i>)	2024-04-15	Salojarvi J, Rambani A, ..., Descombes P, The genome and population genomics of allopolyploid <i>Coffea arabica</i> reveal the diversification history of modern coffee cultivars. Nat Genet. 2024 Apr 56(4): 721-731. Epub 2024 Apr 15.
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1603	<i>Eucalyptus leucophloia</i> (<i>Myrtaceae</i>)	2024-04-08	Ferguson S, Jones A, ..., Borevitz J, Plant genome evolution in the genus <i>Eucalyptus</i> driven by structural rearrangements that promote sequence divergence. Genome Res. 2024 May 15 34(4): 606-619.
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1601	<i>Eucalyptus melliodora</i> x <i>sideroxylon</i> (<i>Myrtaceae</i>)	2024-04-08	Ferguson S, Jones A, ..., Borevitz J, Plant genome evolution in the genus <i>Eucalyptus</i> driven by structural rearrangements that promote sequence divergence. Genome Res. 2024 May 15 34(4): 606-619.

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1600	<i>Eucalyptus microcorys</i> (Myrtaceae)	2024-04-08	Ferguson S, Jones A. ..., Borevitz J, Plant genome evolution in the genus Eucalyptus driven by structural rearrangements that promote sequence divergence. Genome Res. 2024 May 15 34(4): 606-619.
1599	<i>Eucalyptus paniculata</i> (Myrtaceae)	2024-04-08	Ferguson S, Jones A. ..., Borevitz J, Plant genome evolution in the genus Eucalyptus driven by structural rearrangements that promote sequence divergence. Genome Res. 2024 May 15 34(4): 606-619.
1598	<i>Eucalyptus polyanthemos</i> (Myrtaceae)	2024-04-08	Ferguson S, Jones A. ..., Borevitz J, Plant genome evolution in the genus Eucalyptus driven by structural rearrangements that promote sequence divergence. Genome Res. 2024 May 15 34(4): 606-619.
1597	<i>Eucalyptus pumila</i> (Myrtaceae)	2024-04-08	Ferguson S, Jones A. ..., Borevitz J, Plant genome evolution in the genus Eucalyptus driven by structural rearrangements that promote sequence divergence. Genome Res. 2024 May 15 34(4): 606-619.
1596	<i>Eucalyptus regnans</i> (Myrtaceae)	2024-04-08	Ferguson S, Jones A. ..., Borevitz J, Plant genome evolution in the genus Eucalyptus driven by structural rearrangements that promote sequence divergence. Genome Res. 2024 May 15 34(4): 606-619.
1595	<i>Eucalyptus shirleyi</i> (Myrtaceae)	2024-04-08	Ferguson S, Jones A. ..., Borevitz J, Plant genome evolution in the genus Eucalyptus driven by structural rearrangements that promote sequence divergence. Genome Res. 2024 May 15 34(4): 606-619.
1594	<i>Eucalyptus tenuipes</i> (Myrtaceae)	2024-04-08	Ferguson S, Jones A. ..., Borevitz J, Plant genome evolution in the genus Eucalyptus driven by structural rearrangements that promote sequence divergence. Genome Res. 2024 May 15 34(4): 606-619.
1593	<i>Eucalyptus vitrix</i> (Myrtaceae)	2024-04-08	Ferguson S, Jones A. ..., Borevitz J, Plant genome evolution in the genus Eucalyptus driven by structural rearrangements that promote sequence divergence. Genome Res. 2024 May 15 34(4): 606-619.
1592	<i>Eucalyptus viminalis</i> (Myrtaceae)	2024-04-08	Ferguson S, Jones A. ..., Borevitz J, Plant genome evolution in the genus Eucalyptus driven by structural rearrangements that promote sequence divergence. Genome Res. 2024 May 15 34(4): 606-619.
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1588	<i>Corylus chinensis</i> (Betulaceae)	2024-04-02	Yang Z, Liang L. ..., Wang Z, Conservation genomics provides insights into genetic resilience and adaptation of the endangered Chinese hazelnut, Corylus chinensis. Plant Divers. 2024 Apr 2 46(3): 294-308. eCollection 2024 May.
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1586	<i>Quercus sichouensis</i> (Fagaceae)	2024-04-02	Liu X, Zhang W. ..., Cai J, Chromosome-scale genomes of Quercus sichouensis and Quercus rex provide insights into the evolution and adaptation of Fagaceae. J Genet Genomics. 2024 May 51(5): 554-565. Epub 2024 Apr 2.
1585	<i>Ammopiptanthus mongolicus</i> (Fabaceae)	2024-04-01	Feng L, Teng F. ..., He JX, A reference-grade genome of the xerophyte Ammopiptanthus mongolicus sheds light on its evolution history in legumes and drought tolerance mechanisms. Plant Commun. 2024 Jul 8 5(7): 100891. Epub 2024 Apr 1.
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1581	<i>Pinus albicaulis</i> (Pinaceae)	2024-03-25	Neale DB, Zimin AV. ..., Wegrzyn JL, A Genome Sequence for the Threatened Whitebark Pine. G3 (Bethesda). 2024 May 7 14(5): jkae061.
1580	<i>Epilobium angustifolium</i> (Onagraceae)	2024-03-20	Christenhusz MJM, Leitch AR. ..., Fay MF, The genome sequence of rosebay willowherb Chamaenerion angustifolium (L.) Scop., 1771 (syn. Epilobium angustifolium L., 1753) (Onagraceae). Wellcome Open Res. 2024 Mar 20 9: 163. eCollection 2024.
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1567	<i>Menispermum dauricum</i> (Menispermaceae)	2024-03-13	An Z, Gao R. ..., Xu Z, Lineage-Specific CYP80 Expansion and Benzylisoquinoline Alkaloid Diversity in Early-Diverging Eudicots. Adv Sci (Weinh). 2024 May 11(19): e2309990. Epub 2024 Mar 13.
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1557	<i>Calotropis procera</i> (Apocynaceae)	2024-03-05	Gaafar ARZ, .. and Al-Hashimi A, First draft of the nuclear genome assembly and annotation of the multi-stress tolerant desert giant milkweed Calotropis procera. S Afr J Bot. 2024 March, 166: 442-454. Epub 2024 Mar.
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1551	<i>Psophocarpus tetragonolobus</i> (Fabaceae)	2024-03-01	Ho WK, Tanzi AS, ..., Mayes S, A genomic toolkit for winged bean Psophocarpus tetragonolobus. Nat Commun. 2024 Mar 1 15(1): 1901.
1550	<i>Sherardia arvensis</i> (Rubiaceae)	2024-03-01	Christenhusz MJM, The genome sequence of field madder, Sherardia arvensis L., 1753 (Rubiaceae). Wellcome Open Res. 2024 Mar 1 9: 126. eCollection 2024.
1549	<i>Baccaurea ramiflora</i> (Phyllanthaceae)	2024-02-28	Huang J, Chen J, ..., Wu F, Genome assembly provides insights into the genome evolution of Baccaurea ramiflora Lour. Sci Rep. 2024 Feb 28 14(1): 4867.
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1539	<i>Stephania japonica</i> (Menispermaceae)	2024-02-20	Liu Z, Shen S, ..., Song X, The genome of Stephania japonica provides insights into the biosynthesis of cepharanthine. Cell Rep. 2024 Mar 26 43(3): 113832. Epub 2024 Feb 20.
1538	<i>Stephania yunnanensis</i> (Menispermaceae)	2024-02-20	Leng L, Xu Z, ..., Chen S, Cepharanthine analogs mining and genomes of Stephania accelerate anti-coronavirus drug discovery. Nat Commun. 2024 Feb 20 15(1): 1537.
1537	<i>Spiraea crenata</i> (Rosaceae)	2024-02-17	Laczko L, Jordan S, ..., Sramko G, The draft genome of Spiraea crenata L. (Rosaceae) - the first complete genome in tribe Spiraeeae. Sci Data. 2024 Feb 17 11(1): 219.
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1531	<i>Cymodocea nodosa</i> (Cymodoceaceae)	2024-01-26	Ma X, Vanneste S, ..., Peer Y, Seagrass genomes reveal ancient polyploidy and adaptations to the marine environment. Nat Plants. 2024 Feb 10(2): 240-255. Epub 2024 Jan 26.
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1528	<i>Thalassia testudinum</i> (<i>Hydrocharitaceae</i>)	2024-01-26	Ma X, Vanneste S, ..., Peer Y, Seagrass genomes reveal ancient polyploidy and adaptations to the marine environment. Nat Plants. 2024 Feb 10(2): 240-255. Epub 2024 Jan 26.
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1524	<i>Cryptocoryne crispatula</i> (<i>Araceae</i>)	2024-01-20	Qian ZH, Li W, ..., Chen JM, The chromosome-level genome of the submerged plant Cryptocoryne crispatula provides insights into the terrestrial-freshwater transition in Araceae. DNA Res. 2024 Feb 1 31(1): dsae003.
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1425	<i>Dipteronia dyeriana</i> (Sapindaceae)	2023-10-05	Feng Y, Comes HP, ..., Qiu Y, Genome sequences and population genomics provide insights into the demographic history, inbreeding, and mutation load of two living fossil tree species of Dipteronia. Plant J. 2024 Jan 117(1): 177-192. Epub 2023 Oct 5.

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1424	<i>Dipteronia sinensis</i> (Sapindaceae)	2023-10-05	Feng Y, Comes HP, ..., Qiu Y, Genome sequences and population genomics provide insights into the demographic history, inbreeding, and mutation load of two living fossil tree species of Dipteronia. Plant J. 2024 Jan 117(1): 177-192. Epub 2023 Oct 5.
1423	<i>Iris pallida</i> (Iridaceae)	2023-10-05	Bruccoleri RE, Oakeley EJ, ..., Wong J, Genome assembly of the bearded iris, Iris pallida. GigaByte. 2023 Oct 5 2023: gigabyte94. eCollection 2023.
1422	<i>Sesamum alatum</i> (Pedaliaceae)	2023-10-05	Miao H, Wang L, ..., Zhang H, Genomic evolution and insights into agronomic trait innovations of Sesamum Species. Plant Commun. 2024 Jan 8 5(1): 100729. Epub 2023 Oct 5.
1421	<i>Sesamum angolense</i> (Pedaliaceae)	2023-10-05	Miao H, Wang L, ..., Zhang H, Genomic evolution and insights into agronomic trait innovations of Sesamum Species. Plant Commun. 2024 Jan 8 5(1): 100729. Epub 2023 Oct 5.
1420	<i>Sesamum angustifolium</i> (Pedaliaceae)	2023-10-05	Miao H, Wang L, ..., Zhang H, Genomic evolution and insights into agronomic trait innovations of Sesamum Species. Plant Commun. 2024 Jan 8 5(1): 100729. Epub 2023 Oct 5.
1419	<i>Sesamum calycinum</i> (Pedaliaceae)	2023-10-05	Miao H, Wang L, ..., Zhang H, Genomic evolution and insights into agronomic trait innovations of Sesamum Species. Plant Commun. 2024 Jan 8 5(1): 100729. Epub 2023 Oct 5.
1418	<i>Sesamum latifolium</i> (Pedaliaceae)	2023-10-05	Miao H, Wang L, ..., Zhang H, Genomic evolution and insights into agronomic trait innovations of Sesamum Species. Plant Commun. 2024 Jan 8 5(1): 100729. Epub 2023 Oct 5.
1417	<i>Sesamum radiatum</i> (Pedaliaceae)	2023-10-05	Miao H, Wang L, ..., Zhang H, Genomic evolution and insights into agronomic trait innovations of Sesamum Species. Plant Commun. 2024 Jan 8 5(1): 100729. Epub 2023 Oct 5.
1416	<i>Aegle marmelos</i> (Rutaceae)	2023-10-02	Huang Y, He J, ..., Xu Q, Pangenome analysis provides insight into the evolution of the orange subfamily and a key gene for citric acid accumulation in citrus fruits. Nat Genet. 2023 Nov 55(11): 1964-1975. Epub 2023 Oct 2.
1415	<i>Citropsis gilletiana</i> (Rutaceae)	2023-10-02	Huang Y, He J, ..., Xu Q, Pangenome analysis provides insight into the evolution of the orange subfamily and a key gene for citric acid accumulation in citrus fruits. Nat Genet. 2023 Nov 55(11): 1964-1975. Epub 2023 Oct 2.
1414	<i>Citrus australasica</i> (Rutaceae)	2023-10-02	Huang Y, He J, ..., Xu Q, Pangenome analysis provides insight into the evolution of the orange subfamily and a key gene for citric acid accumulation in citrus fruits. Nat Genet. 2023 Nov 55(11): 1964-1975. Epub 2023 Oct 2.
1413	<i>Citrus linwuensis</i> (Rutaceae)	2023-10-02	Huang Y, He J, ..., Xu Q, Pangenome analysis provides insight into the evolution of the orange subfamily and a key gene for citric acid accumulation in citrus fruits. Nat Genet. 2023 Nov 55(11): 1964-1975. Epub 2023 Oct 2.
1412	<i>Citrus mangshanensis</i> (Rutaceae)	2023-10-02	Huang Y, He J, ..., Xu Q, Pangenome analysis provides insight into the evolution of the orange subfamily and a key gene for citric acid accumulation in citrus fruits. Nat Genet. 2023 Nov 55(11): 1964-1975. Epub 2023 Oct 2.
1411	<i>Luvunga scandens</i> (Rutaceae)	2023-10-02	Huang Y, He J, ..., Xu Q, Pangenome analysis provides insight into the evolution of the orange subfamily and a key gene for citric acid accumulation in citrus fruits. Nat Genet. 2023 Nov 55(11): 1964-1975. Epub 2023 Oct 2.
1410	<i>Isoetes sinensis</i> (Isoetaceae)	2023-09-30	Cui J, Zhu Y, ..., Liang Z, Chromosome-level reference genome of tetraploid Isoetes sinensis provides insights into evolution and adaption of lycophytes. Gigascience. 2022 Dec 28 12: giad079. Epub 2023 Sep 30.
1409	<i>Cornus wilsoniana</i> (Cornaceae)	2023-09-29	He Z, Chao H, ..., Chen D, A chromosome-level genome assembly provides insights into Cornus wilsoniana evolution, oil biosynthesis and floral bud development. Hortic Res. 2023 Sep 29 10(11): uhad196. eCollection 2023 Nov.
1408	<i>Fraxinus americana</i> (Oleaceae)	2023-09-29	Zhang H, Li Z, ..., Zhang Z, The chromosome-level genome assembly of Fraxinus americana provides insights into the evolution of Oleaceae plants. Int J Biol Macromol. 2023 Dec 31 253(Pt 5): 127132. Epub 2023 Sep 29.
1407	<i>Adenosma indiana</i> (Plantaginaceae)	2023-09-28	Huang H, Wang C, ..., Wang Y, A chromosome-level reference genome of an aromatic medicinal plant Adenosma buchneroides. Sci Data. 2023 Sep 28 10(1): 660.
1406	<i>Lactuca virosa</i> (Asteraceae)	2023-09-23	Xiong W, van Workum DM, ..., Schranz ME, Genome assembly and analysis of Lactuca virosa: implications for lettuce breeding. G3 (Bethesda). 2023 Nov 1 13(11): jkad204.
1405	<i>Balanophora fungosa</i> (Balanophoraceae)	2023-09-21	Chen X, Fang D, ..., Liu H, Balanophora genomes display massively convergent evolution with other extreme holoparasites and provide novel insights into parasite-host interactions. Nat Plants. 2023 Oct 9(10): 1627-1642. Epub 2023 Sep 21.
1404	<i>Balanophora subcupularis</i> (Balanophoraceae)	2023-09-21	Chen X, Fang D, ..., Liu H, Balanophora genomes display massively convergent evolution with other extreme holoparasites and provide novel insights into parasite-host interactions. Nat Plants. 2023 Oct 9(10): 1627-1642. Epub 2023 Sep 21.
1403	<i>Dalbergia cultrata</i> (Fabaceae)	2023-09-21	Huang P, Li C, ..., Zheng Y, Chromosome-level genome assembly and population genetic analysis of a near-threatened rosewood species (Dalbergia cultrata Pierre Graham ex Benth) provide insights into its evolutionary and cold stress responses. Front Plant Sci. 2023 Sep 21 14: 1212967. eCollection 2023.
1402	<i>Scurrula parasitica</i> (Loranthaceae)	2023-09-21	Chen X, Fang D, ..., Liu H, Balanophora genomes display massively convergent evolution with other extreme holoparasites and provide novel insights into parasite-host interactions. Nat Plants. 2023 Oct 9(10): 1627-1642. Epub 2023 Sep 21.
1401	<i>Selaginella kraussiana</i> (Selaginellaceae)	2023-09-15	Liu W, Cai G, ..., Xu L, Genome and transcriptome of Selaginella kraussiana reveal evolution of root apical meristems in vascular plants. Curr Biol. 2023 Oct 9 33(19): 4085-4097.e5. Epub 2023 Sep 15.
1400	<i>Chaenomeles speciosa</i> (Rosaceae)	2023-09-14	He S, Weng D, ..., Mei Z, A Telomere-to-telomere Reference Genome Provides Genetic Insight into the Pentacyclic Triterpenoid Biosynthesis in Chaenomeles speciosa. Hortic Res. 2023 Sep 14 10(10): uhad183. eCollection 2023 Oct.
1399	<i>Quercus rubra</i> (Fagaceae)	2023-09-14	Kapoor B, Jenkins J, ..., Staton M, A haplotype-resolved chromosome-scale genome for Quercus rubra L. provides insights into the genetics of adaptive traits for red oak species. G3 (Bethesda). 2023 Nov 1 13(11): jkad209.
1398	<i>Vitis x doaniana</i> (Vitaceae)	2023-09-14	Zou C, Sapkota S, ..., Cadle-Davidson L, A Multi-Tiered Haplotype Strategy to Enhance Phased Assembly and Fine-Mapping of a Disease Resistance Locus. Plant Physiol. 2023 Nov 22 193(4): 2321-2336.
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1396	<i>Hibiscus trionum</i> (Malvaceae)	2023-09-11	Koshimizu S, Masuda S, ..., Arita M, Genome and transcriptome analyses reveal genes involved in the formation of fine ridges on petal epidermal cells in Hibiscus trionum. DNA Res. 2023 Oct 1 30(5): dsad019.
1395	<i>Zantedeschia Elliottiana</i> (Araceae)	2023-09-09	Wang Y, Yang T, ..., Wei Z, Chromosome level genome assembly of colored calla lily (Zantedeschia Elliottiana) Sci Data. 2023 Sep 9 10(1): 605.
1394	<i>Aconitum Vilmorinianum</i> (Ranunculaceae)	2023-09-08	Zhao D, Zhang Y, ..., Cun Y, Multi-omics analysis reveals the evolutionary origin of diterpenoid alkaloid biosynthesis pathways in Aconitum. J Integr Plant Biol. 2023 Oct 65(10): 2320-2335.
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1391	<i>Saussurea involucreata</i> (Asteraceae)	2023-09-05	Sun Y, Zhang A, ..., Wang H, Genome assembly of the snow lotus species Saussurea involucreata provides insights into acacetin and rutin biosynthesis and tolerance to an alpine environment. Hortic Res. 2023 Sep 5 10(10): uhad180. eCollection 2023 Oct.
1390	<i>Phyllanthus emblica</i> (Phyllanthaceae)	2023-09-01	Mahajan S, Bisht MS, ..., Sharma VK, Genome of Phyllanthus emblica: the medicinal plant Amla with super antioxidant properties. Front Plant Sci. 2023 Sep 1 14: 1210078. eCollection 2023.
1389	<i>Vitis labrusca</i> (Vitaceae)	2023-08-31	Li B and Gschwend AR, Vitis labrusca genome assembly reveals diversification between wild and cultivated grapevine genomes. Front Plant Sci. 2023 Aug 31 14: 1234130. eCollection 2023.

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1388	<i>Malus fusca</i> (Rosaceae)	2023-08-28	Mansfeld BN, Yocca A, ..., Gottschalk C, A haplotype resolved chromosome-scale assembly of North American wild apple <i>Malus fusca</i> and comparative genomics of the fire blight Mfu10 locus. <i>Plant J.</i> 2023 Nov 116(4): 989-1002. Epub 2023 Aug 28.
1387	<i>Rheum officinale</i> (Polygonaceae)	2023-08-26	Zhang H, He Q, ..., Du H, The haplotype-resolved genome assembly of autotetraploid rhubarb <i>Rheum officinale</i> provides insights into the genome evolution and massive accumulation of anthraquinones. <i>Plant Commun.</i> 2024 Jan 8 5(1): 100677. Epub 2023 Aug 26.
1386	<i>Cenchrus alopecuroides</i> (Poaceae)	2023-08-23	Teng K, Guo Q, ..., Fan X, Chromosome-level reference genome assembly provides insights into the evolution of <i>Pennisetum alopecuroides</i> . <i>Front Plant Sci.</i> 2023 Aug 23 14: 1195479. eCollection 2023.
1385	<i>Rheum tanguticum</i> (Polygonaceae)	2023-08-23	Li Y, Wang Z, ..., Yang Y, A chromosome-scale Rhubarb (<i>Rheum tanguticum</i>) genome assembly provides insights into the evolution of anthraquinone biosynthesis. <i>Commun Biol.</i> 2023 Aug 23 6(1): 867.
1384	<i>Sophora flavescens</i> (Fabaceae)	2023-08-22	Kang YJ, Park H, ..., Kwak M, <i>Sophora</i> genomes provide insight into the evolution of alkaloid metabolites along with small-scale gene duplication. <i>BMC Genomics.</i> 2023 Aug 22 24(1): 475.
1383	<i>Sophora koreensis</i> (Fabaceae)	2023-08-22	Kang YJ, Park H, ..., Kwak M, <i>Sophora</i> genomes provide insight into the evolution of alkaloid metabolites along with small-scale gene duplication. <i>BMC Genomics.</i> 2023 Aug 22 24(1): 475.
1382	<i>Chloris gayana</i> (Poaceae)	2023-08-18	Maybery-Reupert K, Isenegger D, ..., Cogan N, Development of genomic resources for Rhodes Grass (<i>Chloris gayana</i>), draft genome and annotated variant discovery. <i>Front Plant Sci.</i> 2023 Sep 4 14: 1239290. eCollection 2023.
1381	<i>Chloris virgata</i> (Poaceae)	2023-08-17	Ferreira LAI, de Oliveira RS Jr, ..., Brunhara C, Evolution of ACCase-inhibitor resistance in <i>Chloris virgata</i> is conferred by a Trp2027-Cys mutation in the herbicide target site. <i>Pest Manag Sci.</i> 2023 Dec 79(12): 5220-5229. Epub 2023 Oct 5.
1380	<i>Dalbergia sissoo</i> (Fabaceae)	2023-08-17	Sahu SK, Liu M, ..., He C, Chromosome-scale genome of Indian rosewood (<i>Dalbergia sissoo</i>). <i>Front Plant Sci.</i> 2023 Aug 17 14: 1218515. eCollection 2023.
1379	<i>Portulaca oleracea</i> (Portulacaceae)	2023-08-17	Wang X, Ma X, ..., Zhang M, Gene duplications facilitate C4-CAM compatibility in common purslane. <i>Plant Physiol.</i> 2023 Nov 22 193(4): 2622-2639.
1378	<i>Fagopyrum homotropicum</i> (Polygonaceae)	2023-08-10	Fawcett JA, Takeshima R, ..., Yasui Y, Genome sequencing reveals the genetic architecture of heterostyly and domestication history of common buckwheat <i>Nat Plants.</i> 2023 Aug 9(8): 1236-1251. Epub 2023 Aug 10.
1377	<i>Takakia lepidiozoides</i> (Takakiaceae)	2023-08-09	Hu R, Li X, ..., He Y, Adaptive evolution of the enigmatic <i>Takakia</i> now facing climate change in Tibet. <i>Cell.</i> 2023 Aug 17 186(17): 3558-3576.e17. Epub 2023 Aug 9.
1376	<i>Dalbergia cochinchinensis</i> (Fabaceae)	2023-08-07	Hung TH, So T, ..., MacKay JJ, Range-wide differential adaptation and genomic offset in critically endangered Asian rosewoods. <i>Proc Natl Acad Sci U S A.</i> 2023 Aug 15 120(33): e2301603120. Epub 2023 Aug 7.
1375	<i>Dalbergia oliveri</i> (Fabaceae)	2023-08-07	Hung TH, So T, ..., MacKay JJ, Range-wide differential adaptation and genomic offset in critically endangered Asian rosewoods. <i>Proc Natl Acad Sci U S A.</i> 2023 Aug 15 120(33): e2301603120. Epub 2023 Aug 7.
1374	<i>Fragaria nipponica</i> (Rosaceae)	2023-08-03	Jin X, Du H, ..., Zhu A, Haplotype-resolved genomes of wild octoploid progenitors illuminate genomic diversifications from wild relatives to cultivated strawberry. <i>Nat Plants.</i> 2023 Aug 9(8): 1252-1266. Epub 2023 Aug 3.
1373	<i>Fragaria virginiana</i> (Rosaceae)	2023-08-03	Jin X, Du H, ..., Zhu A, Haplotype-resolved genomes of wild octoploid progenitors illuminate genomic diversifications from wild relatives to cultivated strawberry. <i>Nat Plants.</i> 2023 Aug 9(8): 1252-1266. Epub 2023 Aug 3.
1372	<i>Ochroma pyramidale</i> (Malvaceae)	2023-08-03	Sahu SK, Liu M, ..., Liu H, Chromosome-scale genomes of commercial timber trees (<i>Ochroma pyramidale</i> , <i>Mesua ferrea</i> , and <i>Tectona grandis</i>). <i>Sci Data.</i> 2023 Aug 3 10(1): 512.
1371	<i>Triticum monococcum</i> (Poaceae)	2023-08-02	Ahmed HI, Heuberger M, ..., Krattinger SG, Einkorn genomics sheds light on history of the oldest domesticated wheat. <i>Nature.</i> 2023 Aug 620(7975): 830-838. Epub 2023 Aug 2.
1370	<i>Prosopis alba</i> (Fabaceae)	2023-07-31	Kong W, ... and Paterson AH, Genome and evolution of <i>Prosopis alba</i> Griseb. a drought and salinity tolerant tree legume crop for arid climates. <i>Plants People Planet.</i> 2023 July 31, Epub 2023 Jul 31.
1369	<i>Robinia pseudoacacia</i> (Fabaceae)	2023-07-31	Wang Z, Zhang X, ..., Ru D, Chromosome-level genome assembly and population genomics of <i>Robinia pseudoacacia</i> reveal the genetic basis for its wide cultivation. <i>Commun Biol.</i> 2023 Jul 31 6(1): 797.
1368	<i>Hedera helix</i> (Araliaceae)	2023-07-26	Christenhusz MJM, Bell D, ..., Twyford AD, The genome sequence of common ivy, <i>Hedera helix</i> L., 1753. <i>Wellcome Open Res.</i> 2023 Jul 26 8: 325. eCollection 2023.
1367	<i>Tamarix chinensis</i> (Tamaricaceae)	2023-07-26	Liu JN, Fang H, ..., Wu D, Genomic analyses provide insights into the evolution and salinity adaptation of halophyte <i>Tamarix chinensis</i> . <i>Gigascience.</i> 2022 Dec 28 12: giad053. Epub 2023 Jul 26.
1366	<i>Ailanthus altissima</i> (Simaroubaceae)	2023-07-25	Schley RJ, Leitch IJ, ..., Christenhusz MJM, The genome sequence of the tree of heaven, <i>Ailanthus altissima</i> (Mill.) Swingle, 1916. <i>Wellcome Open Res.</i> 2023 Jul 25 8: 321. eCollection 2023.
1365	<i>A Armoracia rusticana</i> (Brassicaceae)	2023-07-25	Shen F, Xu S, ..., Lysak MA, The allotetraploid horseradish genome provides insights into subgenome diversification and formation of critical traits. <i>Nat Commun.</i> 2023 Jul 25 14(1): 4102.
1364	<i>Citrullus amarus</i> (Cucurbitaceae)	2023-07-25	Wu S, Sun H, ..., Fei Z, A <i>Citrullus</i> genus super-pangenome reveals extensive variations in wild and cultivated watermelons and sheds light on watermelon evolution and domestication. <i>Plant Biotechnol J.</i> 2023 Oct 21(10): 1926-1928. Epub 2023 Jul 25.
1363	<i>Citrullus colocynthis</i> (Cucurbitaceae)	2023-07-25	Wu S, Sun H, ..., Fei Z, A <i>Citrullus</i> genus super-pangenome reveals extensive variations in wild and cultivated watermelons and sheds light on watermelon evolution and domestication. <i>Plant Biotechnol J.</i> 2023 Oct 21(10): 1926-1928. Epub 2023 Jul 25.
1362	<i>Citrullus mucosospermus</i> (Cucurbitaceae)	2023-07-25	Wu S, Sun H, ..., Fei Z, A <i>Citrullus</i> genus super-pangenome reveals extensive variations in wild and cultivated watermelons and sheds light on watermelon evolution and domestication. <i>Plant Biotechnol J.</i> 2023 Oct 21(10): 1926-1928. Epub 2023 Jul 25.
1361	<i>Sparganium stoloniferum</i> (Typhaceae)	2023-07-25	Zou Y, Wei Z, ..., Xu X, Genomic analysis of the emergent aquatic plant <i>Sparganium stoloniferum</i> provides insights into its clonality, local adaptation and demographic history. <i>Mol Ecol Resour.</i> 2023 Nov 23(8): 1868-1879. Epub 2023 Jul 25.
1360	<i>Lagerstroemia indica</i> (Lythraceae)	2023-07-21	Zhou Y, Zheng T, ..., Zhang Q, Genome assembly and resequencing analyses provide new insights into the evolution and ornamental traits of crape myrtle. <i>Hortic Res.</i> 2023 Jul 21 10(9): uhad146. eCollection 2023 Sep.
1359	<i>Prunus tenella</i> (Rosaceae)	2023-07-21	Qin Y, Zhao H, ..., Li F, Chromosome-Level Genome Assembly and Population Genomic Analyses Reveal Geographic Variation and Population Genetic Structure of <i>Prunus tenella</i> . <i>Int J Mol Sci.</i> 2023 Jul 21 24(14): 11735.
1358	<i>Rhododendron x pulchrum</i> (Ericaceae)	2023-07-21	Shen JS, Lan L, ..., Jin SH, A haplotype-resolved genome for <i>Rhododendron x pulchrum</i> and the expression analysis of heat shock genes. <i>J Syst Evol.</i> 2024 May, 62(3): 489-504. Epub 2023 Jul 21.
1357	<i>Vigna hirtella</i> (Fabaceae)	2023-07-20	Pootakham W, Sonthirod C, ..., Thangphatsornruang S, Genome assemblies of <i>Vigna reflexo-pilosa</i> (creole bean) and its progenitors, <i>Vigna hirtella</i> and <i>Vigna trinervia</i> , revealed homoeolog expression bias and expression-level dominance in the allotetraploid. <i>Gigascience.</i> 2022 Dec 28 12: giad050. Epub 2023 Jul 20.
1356	<i>Vigna reflexopilosa</i> (Fabaceae)	2023-07-20	Pootakham W, Sonthirod C, ..., Thangphatsornruang S, Genome assemblies of <i>Vigna reflexo-pilosa</i> (creole bean) and its progenitors, <i>Vigna hirtella</i> and <i>Vigna trinervia</i> , revealed homoeolog expression bias and expression-level dominance in the allotetraploid. <i>Gigascience.</i> 2022 Dec 28 12: giad050. Epub 2023 Jul 20.
1355	<i>Brasenia schreberi</i> (Cabombaceae)	2023-07-19	Lu B, Shi T, ..., Chen J, Chromosome-level genome assembly of watershield (<i>Brasenia schreberi</i>). <i>Sci Data.</i> 2023 Jul 19 10(1): 467.
1354	<i>Lonicera macranthoides</i> (Caprifoliaceae)	2023-07-14	Yin X, Xiang Y, ..., Qi LW, Comparative genomics of the medicinal plants <i>Lonicera macranthoides</i> and <i>L. japonica</i> provides insight into genus genome evolution and hederagenin-based saponin biosynthesis. <i>Plant Biotechnol J.</i> 2023 Nov 21(11): 2209-2223. Epub 2023 Jul 14.

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1353	<i>Tiarella polyphylla</i> (Saxifragaceae)	2023-07-14	Liu L, Chen M, ..., Li P, Phylogenomic and syntenic data demonstrate complex evolutionary processes in early radiation of the rosids. Mol Ecol Resour. 2023 Oct 23(7): 1673-1688. Epub 2023 Jul 14.
1352	<i>Rhododendron vialii</i> (Ericaceae)	2023-07-12	Chang Y, Zhang R, ..., Sun W, A haplotype-resolved genome assembly of Rhododendron vialii based on PacBio HiFi reads and Hi-C data. Sci Data. 2023 Jul 12 10(1): 451.
1351	<i>Brassica gravinae</i> (Brassicaceae)	2023-07-11	Guerreiro R, Bonthala VS, ..., Stich B, A genomic panel for studying C3-C4 intermediate photosynthesis in the Brassiceae tribe. Plant Cell Environ. 2023 Nov 46(11): 3611-3627. Epub 2023 Jul 11.
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1349	<i>Brassica tournefortii</i> (Brassicaceae)	2023-07-11	Guerreiro R, Bonthala VS, ..., Stich B, A genomic panel for studying C3-C4 intermediate photosynthesis in the Brassiceae tribe. Plant Cell Environ. 2023 Nov 46(11): 3611-3627. Epub 2023 Jul 11.
1348	<i>Carrichtera annua</i> (Brassicaceae)	2023-07-11	Guerreiro R, Bonthala VS, ..., Stich B, A genomic panel for studying C3-C4 intermediate photosynthesis in the Brassiceae tribe. Plant Cell Environ. 2023 Nov 46(11): 3611-3627. Epub 2023 Jul 11.
1347	<i>Diplotaxis acris</i> (Brassicaceae)	2023-07-11	Guerreiro R, Bonthala VS, ..., Stich B, A genomic panel for studying C3-C4 intermediate photosynthesis in the Brassiceae tribe. Plant Cell Environ. 2023 Nov 46(11): 3611-3627. Epub 2023 Jul 11.
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1345	<i>Diplotaxis harra</i> (Brassicaceae)	2023-07-11	Guerreiro R, Bonthala VS, ..., Stich B, A genomic panel for studying C3-C4 intermediate photosynthesis in the Brassiceae tribe. Plant Cell Environ. 2023 Nov 46(11): 3611-3627. Epub 2023 Jul 11.
1344	<i>Diplotaxis muralis</i> (Brassicaceae)	2023-07-11	Guerreiro R, Bonthala VS, ..., Stich B, A genomic panel for studying C3-C4 intermediate photosynthesis in the Brassiceae tribe. Plant Cell Environ. 2023 Nov 46(11): 3611-3627. Epub 2023 Jul 11.
1343	<i>Diplotaxis tenuifolia</i> (Brassicaceae)	2023-07-11	Guerreiro R, Bonthala VS, ..., Stich B, A genomic panel for studying C3-C4 intermediate photosynthesis in the Brassiceae tribe. Plant Cell Environ. 2023 Nov 46(11): 3611-3627. Epub 2023 Jul 11.
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1341	<i>Diplotaxis viminea</i> (Brassicaceae)	2023-07-11	Guerreiro R, Bonthala VS, ..., Stich B, A genomic panel for studying C3-C4 intermediate photosynthesis in the Brassiceae tribe. Plant Cell Environ. 2023 Nov 46(11): 3611-3627. Epub 2023 Jul 11.
1340	<i>Eutrema japonicum</i> (Brassicaceae)	2023-07-11	Tanaka H, Hori T, ..., Itoh T, Haplotype-resolved chromosomal-level assembly of wasabi (Eutrema japonicum) genome. Sci Data. 2023 Jul 11 10(1): 441.
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1249	<i>Solanum neorickii</i> (<i>Solanaceae</i>)	2023-04-06	Li N, He Q, ..., Yu Q, Super-pangenome analyses highlight genomic diversity and structural variation across wild and cultivated tomato species. Nat Genet. 2023 May 55(5): 852-860. Epub 2023 Apr 6.
1248	<i>Solanum peruvianum</i> (<i>Solanaceae</i>)	2023-04-06	Li N, He Q, ..., Yu Q, Super-pangenome analyses highlight genomic diversity and structural variation across wild and cultivated tomato species. Nat Genet. 2023 May 55(5): 852-860. Epub 2023 Apr 6.
1247	<i>Tagetes erecta</i> (<i>Asteraceae</i>)	2023-04-05	Qi X, .. and Deng Y, Chromosome-scale genome assembly of marigold (<i>Tagetes erecta</i> L.): an ornamental plant and feedstock for industrial lutein production. Hortic Plant J. 2023 Apr, 9(6): 1119-1130

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1246	<i>Antirrhinum hispanicum</i> (Plantaginaceae)	2023-04-04	Zhu S, Zhang Y, ..., Xue Y, The snapdragon genomes reveal the evolutionary dynamics of the S locus supergene. Mol Biol Evol. 2023 Apr 4 40(4): msad080.
1245	<i>Antirrhinum linkianum</i> (Plantaginaceae)	2023-04-04	Zhu S, Zhang Y, ..., Xue Y, The snapdragon genomes reveal the evolutionary dynamics of the S locus supergene. Mol Biol Evol. 2023 Apr 4 40(4): msad080.
1244	<i>Misopates orontium</i> (Plantaginaceae)	2023-04-04	Zhu S, Zhang Y, ..., Xue Y, The snapdragon genomes reveal the evolutionary dynamics of the S locus supergene. Mol Biol Evol. 2023 Apr 4 40(4): msad080.
1243	<i>Przewalskia tangutica</i> (Solanaceae)	2023-04-04	Wu Y, Yang J, ..., Liu J, The genome sequence and demographic history of <i>Przewalskia tangutica</i> (Solanaceae), an endangered alpine plant on the Qinghai-Tibet Plateau. DNA Res. 2023 Apr 1 30(2): dsad005.
1242	<i>Citrus australis</i> (Rutaceae)	2023-04-03	Nakandala U, Masouleh AK, ..., Henry RJ, Haplotype resolved chromosome level genome assembly of <i>Citrus australis</i> reveals disease resistance and other citrus specific genes. Hortic Res. 2023 Apr 3 10(5): uhad058. eCollection 2023 May.
1241	<i>Poa pratensis</i> (Poaceae)	2023-04-01	Phillips AR, Seetharam AS, ..., Ross-Ibarra J, A happy accident: a novel turfgrass reference genome. G3 (Bethesda). 2023 Jun 1 13(6): jkad073.
1240	<i>Zygophyllum mongolicum</i> (Zygophyllaceae)	2023-03-31	Liu B, Zhao X, ..., Yang P, Chromosome-level genome assembly of the endangered plant <i>Tetraena mongolica</i> . DNA Res. 2023 Apr 1 30(2): dsad004.
1239	<i>Tripidium rufipilum</i> (Poaceae)	2023-03-30	Wang T, Wang B, ..., Zhang J, A complete gap-free diploid genome in <i>Saccharum</i> complex and the genomic footprints of evolution in the highly polyploid <i>Saccharum</i> genus. Nat Plants. 2023 Apr 9(4): 554-571. Epub 2023 Mar 30.
1238	<i>Citrus polytrifolia</i> (Rutaceae)	2023-03-29	Zhang S, Chen J, ..., Yang W, Insights into identifying resistance genes for cold and disease stresses through chromosome-level reference genome analyses of <i>Poncirus polyandra</i> . Genomics. 2023 May 115(3): 110617. Epub 2023 Mar 30.
1237	<i>Lactuca saligna</i> (Asteraceae)	2023-03-29	Xiong W, Berke L, ..., Schranz ME, The genome of <i>Lactuca saligna</i> , a wild relative of lettuce, provides insight into non-host resistance to the downy mildew <i>Bremia lactucae</i> . Plant J. 2023 Jul 115(1): 108-126. Epub 2023 Apr 21.
1236	<i>Ambrosia artemisiifolia</i> (Asteraceae)	2023-03-27	Battlay P, Wilson J, ..., Hodgins KA, Large haploblocks underlie rapid adaptation in the invasive weed <i>Ambrosia artemisiifolia</i> . Nat Commun. 2023 Mar 27 14(1): 1717.
1235	<i>Bromus tectorum</i> (Poaceae)	2023-03-27	Revolinski SR, Maughan PJ, ..., Burke IC, Preadapted to adapt: underpinnings of adaptive plasticity revealed by the downy brome genome. Commun Biol. 2023 Mar 27 6(1): 326.
1234	<i>Casuarina cunninghamiana</i> (Casuarinaceae)	2023-03-27	Zhang Y, Wei Y, ..., Gu L, Chromosome-scale de novo genome assembly and annotation of three representative <i>Casuarina</i> species: <i>C. equisetifolia</i> , <i>C. glauca</i> , and <i>C. cunninghamiana</i> . Plant J. 2023 Jun 114(6): 1490-1505. Epub 2023 Apr 6.
1233	<i>Alnus rubra</i> (Betulaceae)	2023-03-26	Hixson KK, Fajardo DA, ..., Bell CJ, Annotated genome sequence of a fast-growing diploid clone of red alder (<i>Alnus rubra</i> Bong.). G3 (Bethesda). 2023 Jun 1 13(6): jkad060.
1232	<i>Quillaja saponaria</i> (Quillajaceae)	2023-03-24	Reed J, Orme A, ..., Osbourn A, Elucidation of the pathway for biosynthesis of saponin adjuvants from the soapbark tree. Science. 2023 Mar 24 379(6638): 1252-1264. Epub 2023 Mar 23.
1231	<i>Rhododendron irroratum</i> (Ericaceae)	2023-03-21	Wu X, Zhang L, ..., Wang J, Evolutionary history of two evergreen <i>Rhododendron</i> species as revealed by chromosome-level genome assembly. Front Plant Sci. 2023 Mar 21 14: 1123707. eCollection 2023.
1230	<i>Costus lasius</i> (Costaceae)	2023-03-16	Harencar J, Vargas OM, ..., Kay KM, Genome assemblies and comparison of two neotropical spiral gingers: <i>Costus pulverulentus</i> and <i>C. lasius</i> . J Hered. 2023 May 25 114(3): 286-293.
1229	<i>Costus pulverulentus</i> (Costaceae)	2023-03-16	Harencar J, Vargas OM, ..., Kay KM, Genome assemblies and comparison of two neotropical spiral gingers: <i>Costus pulverulentus</i> and <i>C. lasius</i> . J Hered. 2023 May 25 114(3): 286-293.
1228	<i>Atropa belladonna</i> (Solanaceae)	2023-03-15	Zhang F, Qiu F, ..., Liao Z, Revealing evolution of tropane alkaloid biosynthesis by analyzing two genomes in the Solanaceae family. Nat Commun. 2023 Mar 15 14(1): 1446.
1227	<i>Reynoutria multiflora</i> (Polygonaceae)	2023-03-15	Zhao Y, Yang Z, ..., Peng H, The first chromosome-level <i>Fallopia multiflora</i> genome assembly provides insights into stilbene biosynthesis. Hortic Res. 2023 Mar 15 10(5): uhad047. eCollection 2023 May.
1226	<i>Torreya grandis</i> (Taxaceae)	2023-03-10	Lou H, Song L, ..., Wu J, The <i>Torreya grandis</i> genome illuminates the origin and evolution of gymnosperm-specific sciadonic acid biosynthesis. Nat Commun. 2023 Mar 10 14(1): 1315.
1225	<i>Lindera megaphylla</i> (Lauraceae)	2023-03-08	Tian XC, Guo JF, ..., Lin J, Unique gene duplications and conserved microsynteny potentially associated with resistance to wood decay in the Lauraceae. Front Plant Sci. 2023 Mar 8 14: 1122549. eCollection 2023.
1224	<i>Vicia faba</i> (Fabaceae)	2023-03-08	Jayakodi M, Golicz AA, ..., Andersen SU, The giant diploid faba genome unlocks variation in a global protein crop. Nature. 2023 Mar 615(7953): 652-659. Epub 2023 Mar 8.
1223	<i>Actinidia arguta</i> (Actinidiaceae)	2023-03-06	Akagi T, Varkonyi-Gasic E, ..., Kataoka I, Recurrent neo-sex chromosome evolution in kiwifruit. Nat Plants. 2023 Mar 9(3): 393-402. Epub 2023 Mar 6.
1222	<i>Actinidia polygama</i> (Actinidiaceae)	2023-03-06	Akagi T, Varkonyi-Gasic E, ..., Kataoka I, Recurrent neo-sex chromosome evolution in kiwifruit. Nat Plants. 2023 Mar 9(3): 393-402. Epub 2023 Mar 6.
1221	<i>Actinidia rufa</i> (Actinidiaceae)	2023-03-06	Akagi T, Varkonyi-Gasic E, ..., Kataoka I, Recurrent neo-sex chromosome evolution in kiwifruit. Nat Plants. 2023 Mar 9(3): 393-402. Epub 2023 Mar 6.
1220	<i>Petrea volubilis</i> (Verbenaceae)	2023-03-03	Hamilton JP, Vaillancourt B, ..., Buell CR, Chromosome-scale assembly of the Verbenaceae species Queen's Wreath (<i>Petrea volubilis</i> L.). BMC Genom Data. 2023 Mar 3 24(1): 14.
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1218	<i>Commiphora wightii</i> (Burseraceae)	2023-02-28	Banerjee RP, Tiwari GJ, ..., Barik SK, De Novo Hybrid Assembled Draft Genome of <i>Commiphora wightii</i> (Arnott) Bhandari Reveals Key Enzymes Involved in Phytosterol Biosynthesis. Life (Basel). 2023 Feb 28 13(3): 662.
1217	<i>Annona cherimola</i> (Annonaceae)	2023-02-21	Talavera A, ... and Bombarely A, Genomics in neglected and underutilized fruit crops: A chromosome-scale genome sequence of cherimoya (<i>Annona cherimola</i>). Plants People Planet. 2023: 1-16
1216	<i>Cymbidium crassifolium</i> (Orchidaceae)	2023-02-21	Fan W, He ZS, ..., Li DZ, High-quality <i>Cymbidium mannii</i> genome and multifaceted regulation of crassulacean acid metabolism in epiphytes. Plant Commun. 2023 Sep 11 4(5): 100564. Epub 2023 Feb 21.
1215	<i>Cyperus esculentus</i> (Cyperaceae)	2023-02-21	Zhao X, Yi L, ..., Lu Z, Chromosome-scale genome assembly of the yellow nutsedge (<i>Cyperus esculentus</i>). Genome Biol Evol. 2023 Mar 3 15(3): evad027.
1214	<i>Musa beccarii</i> (Musaceae)	2023-02-21	Wang ZF, Rouard M, ..., Ge XJ, Genome assembly of <i>Musa beccarii</i> shows extensive chromosomal rearrangements and genome expansion during evolution of Musaceae genomes. Gigascience. 2022 Dec 28 12: giad005. Epub 2023 Feb 21.
1213	<i>Oldenlandia corymbosa</i> (Rubiaceae)	2023-02-21	Julca I, Mutwil-Anderwald D, ..., Mutwil M, Genomic, transcriptomic, and metabolomic analysis of <i>Oldenlandia corymbosa</i> reveals the biosynthesis and mode of action of anti-cancer metabolites. J Integr Plant Biol. 2023 Jun 65(6): 1442-1466. Epub 2023 Apr 4.
1212	<i>Acacia pachyceras</i> (Fabaceae)	2023-02-16	Habibi N, Al Salameen F, ..., Doaj B, Genome survey and genetic characterization of <i>Acacia pachyceras</i> O. Schwartz. Front Plant Sci. 2023 Feb 16 14: 1062401. eCollection 2023.
1211	<i>Quercus dentata</i> (Fagaceae)	2023-02-15	Wang WB, He XF, ..., Mao JF, Chromosome-scale genome assembly and insights into the metabolome and gene regulation of leaf color transition in an important oak species, <i>Quercus dentata</i> . New Phytol. 2023 Jun 238(5): 2016-2032. Epub 2023 Mar 28.

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1209	<i>Prunus campanulata</i> (<i>Rosaceae</i>)	2023-02-14	Nie C, Zhang Y, ..., Wang N, Genome assembly, resequencing and genome-wide association analyses provide novel insights into the origin, evolution and flower colour variations of flowering cherry. Plant J. 2023 May 114(3): 519-533. Epub 2023 Mar 30.
1208	<i>Magnolia obovata</i> (<i>Magnoliaceae</i>)	2023-02-10	Zhou L, Hou F, ..., Gao J, The genome of Magnolia hypoleuca provides a new insight into cold tolerance and the evolutionary position of magnoliids. Front Plant Sci. 2023 Feb 10 14: 1108701. eCollection 2023.
1207	<i>Euphorbia peplus</i> (<i>Euphorbiaceae</i>)	2023-02-09	Johnson AR, Yue Y, ..., Frank MH, Chromosome-level genome assembly of Euphorbia peplus, a model system for plant latex, reveals that relative lack of Ty3 transposons contributed to its small genome size. Genome Biol Evol. 2023 Mar 3 15(3): evad018.
1206	<i>Sphagnum angustifolium</i> (<i>Sphagnaceae</i>)	2023-02-06	Healey AL, Piatkowski B, ..., Shaw AJ, Newly identified sex chromosomes in the Sphagnum (peat moss) genome alter carbon sequestration and ecosystem dynamics. Nat Plants. 2023 Feb 9(2): 238-254. Epub 2023 Feb 6.
1205	<i>Sphagnum divinum</i> (<i>Sphagnaceae</i>)	2023-02-06	Healey AL, Piatkowski B, ..., Shaw AJ, Newly identified sex chromosomes in the Sphagnum (peat moss) genome alter carbon sequestration and ecosystem dynamics. Nat Plants. 2023 Feb 9(2): 238-254. Epub 2023 Feb 6.
1204	<i>Engelhardia roxburghiana</i> (<i>Juglandaceae</i>)	2023-02-04	Ding YM, Pang XX, ..., Bai WN, Genome structure-based Juglandaceae phylogenies contradict alignment-based phylogenies and substitution rates vary with DNA repair genes. Nat Commun. 2023 Feb 4 14(1): 617.
1203	<i>Rhoiptelea chiliantha</i> (<i>Juglandaceae</i>)	2023-02-04	Ding YM, Pang XX, ..., Bai WN, Genome structure-based Juglandaceae phylogenies contradict alignment-based phylogenies and substitution rates vary with DNA repair genes. Nat Commun. 2023 Feb 4 14(1): 617.
1202	<i>Salix integra</i> (<i>Salicaceae</i>)	2023-02-02	Hyden B, Feng K, ..., Muchero W, De Novo Assembly and Annotation of 11 Diverse Shrub Willow (Salix) Genomes Reveals Novel Gene Organization in Sex-Linked Regions. Int J Mol Sci. 2023 Feb 2 24(3): 2904.
1201	<i>Salix koriyanagi</i> (<i>Salicaceae</i>)	2023-02-02	Hyden B, Feng K, ..., Muchero W, De Novo Assembly and Annotation of 11 Diverse Shrub Willow (Salix) Genomes Reveals Novel Gene Organization in Sex-Linked Regions. Int J Mol Sci. 2023 Feb 2 24(3): 2904.
1200	<i>Salix purpurea</i> (<i>Salicaceae</i>)	2023-02-02	Hyden B, Feng K, ..., Muchero W, De Novo Assembly and Annotation of 11 Diverse Shrub Willow (Salix) Genomes Reveals Novel Gene Organization in Sex-Linked Regions. Int J Mol Sci. 2023 Feb 2 24(3): 2904.
1199	<i>Salix udensis</i> (<i>Salicaceae</i>)	2023-02-02	Hyden B, Feng K, ..., Muchero W, De Novo Assembly and Annotation of 11 Diverse Shrub Willow (Salix) Genomes Reveals Novel Gene Organization in Sex-Linked Regions. Int J Mol Sci. 2023 Feb 2 24(3): 2904.
1198	<i>Codonopsis lanceolata</i> (<i>Campanulaceae</i>)	2023-02-01	Jang W, Kang JN, ..., Kim CK, The chromosome-level genome assembly of lance asiabell (Codonopsis lanceolata), a medicinal and vegetable plant of the Campanulaceae family. Front Genet. 2023 Feb 1 14: 1100819. eCollection 2023.
1197	<i>Melastoma malabathricum</i> (<i>Melastomataceae</i>)	2023-01-27	Zhong Y, Wu W, ..., Zhou R, Chromosomal-level genome assembly of Melastoma candidum provides insights into trichome evolution. Front Plant Sci. 2023 Jan 27 14: 1126319. eCollection 2023.
1196	<i>Plantago ovata</i> (<i>Plantaginaceae</i>)	2023-01-27	Herliana L, Schwerdt JG, ..., Burton RA, A chromosome-level genome assembly of Plantago ovata. Sci Rep. 2023 Jan 27 13(1): 1528.
1195	<i>Vitis adenoclada</i> (<i>Vitaceae</i>)	2023-01-25	Cheng G, Wu D, ..., Zhou S, Chromosome-scale genomics, metabolomics, and transcriptomics provide insight into the synthesis and regulation of phenols in Vitis adenoclada grapes. Front Plant Sci. 2023 Jan 25 14: 1124046. eCollection 2023.
1194	<i>Cleome gynandra</i> (<i>Cleomeaceae</i>)	2023-01-24	Hoang NV, Sogbohossou EOD, ..., Schranz ME, The Gynandropsis gynandra genome provides insights into whole-genome duplications and the evolution of C4 photosynthesis in Cleomeaceae. Plant Cell. 2023 Apr 20 35(5): 1334-1359.
1193	<i>Medakamo hakoo</i> (<i>Coccomyaceae</i>)	2023-01-23	Kato S, Misumi O, ..., Matsunaga S, Genomic analysis of an ultrasmall freshwater green alga, Medakamo hakoo. Commun Biol. 2023 Jan 23 6(1): 89.
1192	<i>Coleus barbatus</i> (<i>Lamiaceae</i>)	2023-01-20	Bryson AE, Lanier ER, ..., Hamberger B, Uncovering a mitradiene biosynthetic gene cluster in the Lamiaceae reveals a dynamic evolutionary trajectory. Nat Commun. 2023 Jan 20 14(1): 343.
1191	<i>Leonotis leonurus</i> (<i>Lamiaceae</i>)	2023-01-20	Bryson AE, Lanier ER, ..., Hamberger B, Uncovering a mitradiene biosynthetic gene cluster in the Lamiaceae reveals a dynamic evolutionary trajectory. Nat Commun. 2023 Jan 20 14(1): 343.
1190	<i>Prunella vulgaris</i> (<i>Lamiaceae</i>)	2023-01-20	Bryson AE, Lanier ER, ..., Hamberger B, Uncovering a mitradiene biosynthetic gene cluster in the Lamiaceae reveals a dynamic evolutionary trajectory. Nat Commun. 2023 Jan 20 14(1): 343.
1189	<i>Chenopodium berlandieri</i> (<i>Amaranthaceae</i>)	2023-01-19	Samuels ME, Lapointe C, ..., Worley AC, Genomic Sequence of Canadian Chenopodium berlandieri: A North American Wild Relative of Quinoa. Plants (Basel). 2023 Jan 19 12(3): 467.
1188	<i>Rhodomyrtus tomentosa</i> (<i>Myrtaceae</i>)	2023-01-19	Li F, Xu S, ..., Wang J, Gap-free genome assembly and comparative analysis reveal the evolution and anthocyanin accumulation mechanism of Rhodomyrtus tomentosa. Hortic Res. 2023 Jan 19 10(3): uhad005. eCollection 2023 Mar.
1187	<i>Cardamine occulta</i> (<i>Brassicaceae</i>)	2023-01-18	Li LZ, Xu ZG, ..., Wang JW, Common evolutionary trajectory of short life-cycle in Brassicaceae ruderal weeds. Nat Commun. 2023 Jan 18 14(1): 290.
1186	<i>Herpetospermum pedunculosum</i> (<i>Cucurbitaceae</i>)	2023-01-18	Yang Y, Zhang B, ..., Zhao Q, Chromosome-Level Genome Assembly of Herpetospermum pedunculosum (Cucurbitaceae). Genome Biol Evol. 2023 Feb 3 15(2): evad005.
1185	<i>Lathyrus sativus</i> (<i>Fabaceae</i>)	2023-01-17	Rajarammohan S, Kaur L, ..., Kandoth PK, Genome sequencing and assembly of Lathyrus sativus - a nutrient-rich hardy legume crop. Sci Data. 2023 Jan 17 10(1): 32.
1184	<i>Closterium sp. NIES-67</i> (<i>Closteriaceae</i>)	2023-01-09	Sekimoto H, Komiya A, ..., Nishiyama T, A divergent RWP-RK transcription factor determines mating type in heterothallic Closterium. New Phytol. 2023 Mar 237(5): 1636-1651. Epub 2023 Jan 9.
1183	<i>Closterium sp. NIES-68</i> (<i>Closteriaceae</i>)	2023-01-09	Sekimoto H, Komiya A, ..., Nishiyama T, A divergent RWP-RK transcription factor determines mating type in heterothallic Closterium. New Phytol. 2023 Mar 237(5): 1636-1651. Epub 2023 Jan 9.
1182	<i>Turnera subulata</i> (<i>Passifloraceae</i>)	2023-01-07	Henning PM, Roalson EH, ..., Shore JS, Annotation of the Turnera subulata (Passifloraceae) Draft Genome Reveals the S-Locus Evolved after the Divergence of Turneroideae from Passifloroideae in a Stepwise Manner. Plants (Basel). 2023 Jan 7 12(2): 286.
1181	<i>Nepeta tenuifolia</i> (<i>Lamiaceae</i>)	2023-01-06	Liu C, Smit SJ, ..., Lichman BR, A chromosome-level genome assembly reveals that a bipartite gene cluster formed via an inverted duplication controls monoterpenoid biosynthesis in Japanese catnip. Mol Plant. 2023 Mar 6 16(3): 533-548. Epub 2023 Jan 6.
1180	<i>Saururus chinensis</i> (<i>Saururaceae</i>)	2023-01-05	Xue JY, Li Z, ..., Peer Y, The Saururus chinensis genome provides insights into the evolution of pollination strategies and herbaceousness in magnoliids. Plant J. 2023 Mar 113(5): 1021-1034. Epub 2023 Feb 9.
1179	<i>Cyanidium caldarium</i> (<i>Cyanidiaceae</i>)	2023-01-04	Cho CH, Park SI, ..., Yoon HS, Genome-wide signatures of adaptation to extreme environments in red algae. Nat Commun. 2023 Jan 4 14(1): 10.
1178	<i>Actinidia latifolia</i> (<i>Actinidiaceae</i>)	2022-12-31	Han X, Zhang Y, ..., He H, Two haplotype-resolved, gap-free genome assemblies of Actinidia latifolia and Actinidia chinensis shed light on regulation mechanisms of vitamin C and sucrose metabolism in kiwifruit. Mol Plant. 2023 Feb 6 16(2): 452-470. Epub 2022 Dec 31.
1177	<i>Pinellia pedatisecta</i> (<i>Araceae</i>)	2022-12-30	Qian Z, Ding J, ..., Chen J, The high-quality Pinellia pedatisecta genome reveals a key role of tandem duplication in the expansion of its agglutinin genes. Hortic Res. 2022 Dec 30 10(3): uhac289. eCollection 2023 Mar.

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1175	<i>Poa annua</i> (<i>Poaceae</i>)	2022-12-28	Robbins MD, Bushman BS, ... Maughan PJ, Chromosome-scale Genome Assembly and Annotation of Allotetraploid Annual Bluegrass (<i>Poa annua</i> L.) Genome Biol Evol. 2023 Jan 4 15(1): evac180.
1174	<i>Marsdenia tenacissima</i> (<i>Apocynaceae</i>)	2022-12-27	Zhou Y, Fan W, ... Long G, The genome of <i>Marsdenia tenacissima</i> provides insights into calcium adaptation and tenacissoside biosynthesis. Plant J. 2023 Mar 113(6): 1146-1159. Epub 2023 Feb 16.
1173	<i>Melia azedarach</i> (<i>Meliaceae</i>)	2022-12-26	Cui G, Li Y, ... Zhong G, <i>Meliaceae</i> genomes provide insights into wood development and limonoids biosynthesis. Plant Biotechnol J. 2023 Mar 21(3): 574-590. Epub 2022 Dec 26.
1172	<i>Cornus controversa</i> (<i>Cornaceae</i>)	2022-12-15	Dong C, Wang S, ... Li M, Karyotype evolution of the Asterids insights from the first genome sequences of the family Cornaceae. DNA Res. 2023 Feb 1 30(1): dsac051.
1171	<i>Isodon rubescens</i> (<i>Lamiaceae</i>)	2022-12-13	Sun Y, Shao J, ... Wang Y, A chromosome-level genome of <i>Isodon rubescens</i> reveals that tandem-duplicated CYP706V oxidase genes control oridonin biosynthesis in shoot apex. Mol Plant. 2023 Mar 6 16(3): 517-532. Epub 2022 Dec 13.
1170	<i>Paspalum vaginatum</i> (<i>Poaceae</i>)	2022-12-13	Sun G, Wase N, ... Schnable JC, Genome of <i>Paspalum vaginatum</i> and the role of trehalose mediated autophagy in increasing maize biomass. Nat Commun. 2022 Dec 13 13(1): 7731.
1169	<i>Artocarpus hirsutus</i> (<i>Moraceae</i>)	2022-12-12	Patil AB, ... Vijay N, Jack of all trades: Genome assembly of Wild Jack and comparative genomics of <i>Artocarpus</i> . Front Plant Sci. 2022 Dec 12, 13: 1029540. eCollection 2022.
1168	<i>Carex myosuroides</i> (<i>Cyperaceae</i>)	2022-12-12	Ning Y, Li Y, ... Xia XF, The chromosome-scale genome of <i>Kobresia myosuroides</i> sheds light on karyotype evolution and recent diversification of a dominant herb group on the Qinghai-Tibet Plateau. DNA Res. 2023 Feb 1 30(1): dsac049.
1167	<i>Amaranthus tricolor</i> (<i>Amaranthaceae</i>)	2022-12-06	Wang H, Xu D, ... Fan W, Chromosome-scale <i>Amaranthus tricolor</i> genome provides insights into the evolution of the genus <i>Amaranthus</i> and the mechanism of betalain biosynthesis. DNA Res. 2023 Feb 1 30(1): dsac050.
1166	<i>Gossypium sturtianum</i> (<i>Malvaceae</i>)	2022-12-06	Wang M, Li J, ... Zhang X, Genomic innovation and regulatory rewiring during evolution of the cotton genus <i>Gossypium</i> . Nat Genet. 2022 Dec 54(12): 1959-1971. Epub 2022 Dec 6.
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1076	<i>Camelina laxa</i> (Brassicaceae)	2022-08-17	Martin SL, Lujan Toro B, ..., Laforest M, Insights from the genomes of four diploid Camelina spp. G3 (Bethesda). 2022 Dec 1 12(12): jkac182.
1075	<i>Camelina neglecta</i> (Brassicaceae)	2022-08-17	Martin SL, Lujan Toro B, ..., Laforest M, Insights from the genomes of four diploid Camelina spp. G3 (Bethesda). 2022 Dec 1 12(12): jkac182.
1074	<i>Carex cristatella</i> (Cyperaceae)	2022-08-17	Planta J, Liang YY, ..., Childs KL, Chromosome scale genome assemblies and annotations for Poales species Carex cristatella, Carex scoparia, Juncus effusus and Juncus inflexus. G3 (Bethesda). 2022 Sep 30 12(10): jkac211.
1073	<i>Carex scoparia</i> (Cyperaceae)	2022-08-17	Planta J, Liang YY, ..., Childs KL, Chromosome scale genome assemblies and annotations for Poales species Carex cristatella, Carex scoparia, Juncus effusus and Juncus inflexus. G3 (Bethesda). 2022 Sep 30 12(10): jkac211.
1072	<i>Juncus inflexus</i> (Juncaceae)	2022-08-17	Planta J, Liang YY, ..., Childs KL, Chromosome scale genome assemblies and annotations for Poales species Carex cristatella, Carex scoparia, Juncus effusus and Juncus inflexus. G3 (Bethesda). 2022 Sep 30 12(10): jkac211.
1071	<i>Salvia officinalis</i> (Lamiaceae)	2022-08-16	Li CY, Yang L, ..., Chen XY, The sage genome provides insight into the evolutionary dynamics of diterpene biosynthesis gene cluster in plants. Cell Rep. 2022 Aug 16 40(7): 111236.
1070	<i>Vaccinium caesariense</i> (Ericaceae)	2022-08-13	Mengist MF, Bostan H, ..., Iorizzo M, Autopolyploid inheritance and a heterozygous reciprocal translocation shape chromosome genetic behavior in tetraploid blueberry (Vaccinium corymbosum). New Phytol. 2023 Feb 237(3): 1024-1039. Epub 2022 Sep 3.

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1069	<i>Adiantum nelumboides</i> (Pteridaceae)	2022-08-10	Zhong Y, Liu Y, ... Schneider H, Genomic insights into genetic diploidization in the homosporous fern <i>Adiantum nelumboides</i> . Genome Biol Evol. 2022 Aug 10 14(8): evac127. Epub ahead of print
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1067	<i>Dendrobium hybrid cv. EM</i> (Orchidaceae)	2022-08-09	Sherpa R, Devadas R, ..., Nikam TD, First De novo whole genome sequencing and assembly of mutant <i>Dendrobium</i> hybrid cultivar Emma White. GigaByte. 2022 Aug 9 2022: gigabyte66. eCollection 2022.
1066	<i>Gossypium bickii</i> (Malvaceae)	2022-08-09	Sheng K, Sun Y, ..., Zhao T, A reference-grade genome assembly for <i>Gossypium bickii</i> and insights into its genome evolution and formation of pigment gland and gossypol. Plant Commun. 2023 Jan 9 4(1): 100421. Epub 2022 Aug 10.
1065	<i>Veratrum dahuricum</i> (Melanthiaceae)	2022-08-09	Zeng P, Tian Z, ..., Cai J, Comparison of ONT and CCS sequencing technologies on the polyploid genome of a medicinal plant showed that high error rate of ONT reads are not suitable for self-correction. Chin Med. 2022 Aug 9 17(1): 94.
1064	<i>Oxytropis ochrocephala</i> (Fabaceae)	2022-08-06	Zhang L, Wu R, ..., He W, Assembly of high-quality genomes of the locoweed <i>Oxytropis ochrocephala</i> and its endophyte <i>Alternaria oxytropis</i> provides new evidence for their symbiotic relationship and swainsonine biosynthesis. Mol Ecol Resour. 2023 Jan 23(1): 253-272. Epub 2022 Aug 21.
1063	<i>Triadica sebifera</i> (Euphorbiaceae)	2022-08-04	Luo J, Ren W, ..., Wang N, The chromosome-scale genome sequence of <i>Triadica sebifera</i> provides insight into fatty acids and anthocyanin biosynthesis. Commun Biol. 2022 Aug 4 5(1): 786.
1062	<i>Juncus effusus</i> (Juncaceae)	2022-08-03	Hofstatter PG, Thangavel G, ..., Marques A, Repeat-based holocentromeres influence genome architecture and karyotype evolution. Cell. 2022 Aug 18 185(17): 3153-3168.e18. Epub 2022 Aug 3.
1061	<i>Rhynchospora breviuscula</i> (Cyperaceae)	2022-08-03	Hofstatter PG, Thangavel G, ..., Marques A, Repeat-based holocentromeres influence genome architecture and karyotype evolution. Cell. 2022 Aug 18 185(17): 3153-3168.e18. Epub 2022 Aug 3.
1060	<i>Rhynchospora pubera</i> (Cyperaceae)	2022-08-03	Hofstatter PG, Thangavel G, ..., Marques A, Repeat-based holocentromeres influence genome architecture and karyotype evolution. Cell. 2022 Aug 18 185(17): 3153-3168.e18. Epub 2022 Aug 3.
1059	<i>Rhynchospora tenuis</i> (Cyperaceae)	2022-08-03	Hofstatter PG, Thangavel G, ..., Marques A, Repeat-based holocentromeres influence genome architecture and karyotype evolution. Cell. 2022 Aug 18 185(17): 3153-3168.e18. Epub 2022 Aug 3.
1058	<i>Stellera chamaejasme</i> (Thymelaeaceae)	2022-08-03	Hu H, Yang Y, ..., Liu J, Genomic divergence of <i>Stellera chamaejasme</i> through local selection across the Qinghai-Tibet plateau and northern China. Mol Ecol. 2022 Sep 31(18): 4782-4796. Epub 2022 Aug 3.
1057	<i>Monoraphidium minutum</i> (Selenastraceae)	2022-08-01	Calhoun S, .. and Grigoriev IV, Multi-omics profiling of the cold tolerant <i>Monoraphidium minutum</i> 26B-AM in response to abiotic stress. Algal Res. 2022 Jul 66: 102794
1056	<i>Prosopis cineraria</i> (Fabaceae)	2022-07-31	Sudalaimuthuasari N, Ali R, ..., Amiri KMA, The Genome of the Mimosoid Legume <i>Prosopis cineraria</i> , a Desert Tree. Int J Mol Sci. 2022 Jul 31 23(15): 8503.
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1054	<i>Ipomoea cairica</i> (Convolvulaceae)	2022-07-27	Jiang F, Wang S, ..., Fan W, A chromosome-level reference genome of a Convolvulaceae species <i>Ipomoea cairica</i> . G3 (Bethesda). 2022 Aug 25 12(9): jkac187.
1053	<i>Chenopodium giganteum</i> (Amaranthaceae)	2022-07-26	Jarvis DE, Sproul JS, ..., Maughan PJ, Chromosome-scale genome assembly of the hexaploid Taiwanese goosefoot <i>djulis</i> (<i>Chenopodium formosanum</i>). Genome Biol Evol. 2022 Aug 3 14(8): evac120.
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1051	<i>Aeluropus litoralis</i> (Poaceae)	2022-07-25	Hashemi-Petroudi SH, Arab M, ..., Kuhlmann M, Initial Description of the Genome of <i>Aeluropus litoralis</i> , a Halophile Grass. Front Plant Sci. 2022 Jul 11 13: 906462. eCollection 2022.
1050	<i>Eustoma grandiflorum</i> (Gentianaceae)	2022-07-25	Liang Y, Li F, ..., Wang J, The genome of <i>Eustoma grandiflorum</i> reveals the whole-genome triplication event contributing to ornamental traits in cultivated <i>lisianthus</i> . Plant Biotechnol J. 2022 Oct 20(10): 1856-1858. Epub 2022 Aug 25.
1049	<i>Avena nuda</i> (Poaceae)	2022-07-18	Peng Y, Yan H, ..., Ren C, Reference genome assemblies reveal the origin and evolution of allohexaploid oat. Nat Genet. 2022 Aug 54(8): 1248-1258. Epub 2022 Jul 18.
1048	<i>Lindenbergia luchunensis</i> (Orobanchaceae)	2022-07-18	Xu Y, Zhang J, ..., Wu J, Comparative genomics of orobanchaceous species with different parasitic lifestyles reveals the origin and stepwise evolution of plant parasitism. Mol Plant. 2022 Aug 1 15(8): 1384-1399. Epub 2022 Jul 18.
1047	<i>Orobanche aegyptiaca</i> (Orobanchaceae)	2022-07-18	Xu Y, Zhang J, ..., Wu J, Comparative genomics of orobanchaceous species with different parasitic lifestyles reveals the origin and stepwise evolution of plant parasitism. Mol Plant. 2022 Aug 1 15(8): 1384-1399. Epub 2022 Jul 18.
1046	<i>Orobanche cumana</i> (Orobanchaceae)	2022-07-18	Xu Y, Zhang J, ..., Wu J, Comparative genomics of orobanchaceous species with different parasitic lifestyles reveals the origin and stepwise evolution of plant parasitism. Mol Plant. 2022 Aug 1 15(8): 1384-1399. Epub 2022 Jul 18.
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1044	<i>Rhododendron molle</i> (Ericaceae)	2022-07-15	Zhou GL, Li Y, ..., Zhu P, Chromosome-scale genome assembly of <i>Rhododendron molle</i> provides insights into its evolution and terpenoid biosynthesis. BMC Plant Biol. 2022 Jul 15 22(1): 342.
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1042	<i>Acorus calamus</i> (Acoraceae)	2022-07-14	Shi T, Huneau C, ..., Wang Q, The slow-evolving <i>Acorus tatarinowii</i> genome sheds light on ancestral monocot evolution. Nat Plants. 2022 Jul 8(7): 764-777. Epub 2022 Jul 14.
1041	<i>Lindera glauca</i> (Lauraceae)	2022-07-14	Xiong B, Zhang L, ..., Zhang Z, Genome of <i>Lindera glauca</i> provides insights into the evolution of biosynthesis genes for aromatic compounds. iScience. 2022 Jul 14 25(8): 104761. eCollection 2022 Aug 19.
1040	<i>Eucalyptus albens</i> (Myrtaceae)	2022-07-10	Ferguson S, Jones A, ..., Borevitz JO, Interspecies genome divergence is predominantly due to frequent small scale rearrangements in <i>Eucalyptus</i> . Mol Ecol. 2023 Mar 32(6): 1271-1287. Epub 2022 Jul 21.
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1038	<i>Eucalyptus sideroxylon</i> (Myrtaceae)	2022-07-10	Ferguson S, Jones A, ..., Borevitz JO, Interspecies genome divergence is predominantly due to frequent small scale rearrangements in <i>Eucalyptus</i> . Mol Ecol. 2023 Mar 32(6): 1271-1287. Epub 2022 Jul 21.
1037	<i>Syzygium aromaticum</i> (Myrtaceae)	2022-07-09	Ouadi S, Siervo N, ..., Ivanov NV, The clove (<i>Syzygium aromaticum</i>) genome provides insights into the eugenol biosynthesis pathway. Commun Biol. 2022 Jul 9 5(1): 684.
1036	<i>Acer rubrum</i> (Sapindaceae)	2022-07-08	Lu X, Chen Z, ..., Ren J, The chromosome-scale genome provides insights into pigmentation in <i>Acer rubrum</i> . Plant Physiol Biochem. 2022 Sep 1 186: 322-333. Epub 2022 Jul 8.
1035	<i>Bletilla striata</i> (Orchidaceae)	2022-07-04	Jiang L, Lin M, ..., Cao Y, Haplotype-resolved genome assembly of <i>Bletilla striata</i> (Thunb.) Reich.f. to elucidate medicinal values. Plant J. 2022 Sep 111(5): 1340-1353. Epub 2022 Jul 29.

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1034	<i>Picea engelmannii</i> (<i>Pinaceae</i>)	2022-07-04	Gagalova KK, Warren RL, ..., Birol I, Spruce giga-genomes: structurally similar yet distinctive with differentially expanding gene families and rapidly evolving genes. <i>Plant J.</i> 2022 Sep 111(5): 1469-1485. Epub 2022 Jul 16.
1033	<i>Picea sitchensis</i> (<i>Pinaceae</i>)	2022-07-04	Gagalova KK, Warren RL, ..., Birol I, Spruce giga-genomes: structurally similar yet distinctive with differentially expanding gene families and rapidly evolving genes. <i>Plant J.</i> 2022 Sep 111(5): 1469-1485. Epub 2022 Jul 16.
1032	<i>Solanum verrucosum</i> (<i>Solanaceae</i>)	2022-07-01	Hosaka AJ, Sanetomo R, ..., Hosaka K, A de novo genome assembly of <i>Solanum verrucosum</i> Schlechtendal, a Mexican diploid species geographically isolated from other diploid A-genome species of potato relatives. <i>G3 (Bethesda).</i> 2022 Jul 29 12(8): jkac166.
1031	<i>Boesenbergia rotunda</i> (<i>Zingiberaceae</i>)	2022-06-30	Taheri S, Teo CH, ..., Harikrishna JA, Genome Assembly and Analysis of the Flavonoid and Phenylpropanoid Biosynthetic Pathways in Fingerroot Ginger (<i>Boesenbergia rotunda</i>). <i>Int J Mol Sci.</i> 2022 Jun 30 23(13): 7269.
1030	<i>Populus qionghdaoensis</i> (<i>Salicaceae</i>)	2022-06-30	Li Y, Wang D, ..., Ma T, A chromosome-level <i>Populus qionghdaoensis</i> genome assembly provides insights into tropical adaptation and a cryptic turnover of sex determination. <i>Mol Ecol.</i> 2023 Mar 32(6): 1366-1380. Epub 2022 Jun 30.
1029	<i>Ulva compressa</i> (<i>Ulvaceae</i>)	2022-06-30	Osorio H, Tapia-Reyes P, ..., Moenne A, The Genome of the Marine Alga <i>Ulva compressa</i> (Chlorophyta) Reveals Protein-Coding Genes with Similarity to Plants and Green Microalgae, but also to Animal, Bacterial, and Fungal Genes. <i>Int J Mol Sci.</i> 2022 Jun 30 23(13): 7279.
1028	<i>Vaccinium bracteatum</i> (<i>Ericaceae</i>)	2022-06-29	Yang L, .. and Xiao J, Chromosome-level genome assembly and annotation of the native Chinese wild blueberry <i>Vaccinium bracteatum</i> . <i>Fruit Res.</i> 2022 2: 8
1027	<i>Scalesia atractylodes</i> (<i>Asteraceae</i>)	2022-06-28	Cerca J, Petersen B, ..., Martin MD, The genomic basis of the plant island syndrome in Darwin's giant daisies. <i>Nat Commun.</i> 2022 Jun 28 13(1): 3729.
1026	<i>Cichorium intybus</i> (<i>Asteraceae</i>)	2022-06-25	Fan W, Wang S, ..., Zhang Y, The genomes of chicory, endive, great burdock and yacon provide insights into Asteraceae paleo-polyploidization history and plant inulin production. <i>Mol Ecol Resour.</i> 2022 Nov 22(8): 3124-3140. Epub 2022 Jul 4.
1025	<i>Nymphoides indica</i> (<i>Menyanthaceae</i>)	2022-06-25	Yang JS, Qian ZH, ..., Chen JM, Chromosome-level genome assembly of the aquatic plant <i>Nymphoides indica</i> reveals transposable element bursts and NBS-LRR gene family expansion shedding light on its invasiveness. <i>DNA Res.</i> 2022 Jun 25 29(4): dsac022.
1024	<i>Oryza australiensis</i> (<i>Poaceae</i>)	2022-06-25	Phillips AL, Ferguson S, ..., Atwell BJ, The first long-read nuclear genome assembly of <i>Oryza australiensis</i> , a wild rice from northern Australia. <i>Sci Rep.</i> 2022 Jun 25 12(1): 10823.
1023	<i>Smallanthus sonchifolius</i> (<i>Asteraceae</i>)	2022-06-25	Fan W, Wang S, ..., Zhang Y, The genomes of chicory, endive, great burdock and yacon provide insights into Asteraceae paleo-polyploidization history and plant inulin production. <i>Mol Ecol Resour.</i> 2022 Nov 22(8): 3124-3140. Epub 2022 Jul 4.
1022	<i>Crataegus pinnatifida</i> (<i>Rosaceae</i>)	2022-06-24	Zhang T, Qiao Q, ..., Dong W, Cultivated hawthorn (<i>Crataegus pinnatifida</i> var. major) genome sheds light on the evolution of Maleae (apple tribe). <i>J Integr Plant Biol.</i> 2022 Aug 64(8): 1487-1501. Epub 2022 Jul 25.
1021	<i>Tanacetum coccineum</i> (<i>Asteraceae</i>)	2022-06-24	Yamashiro T, Shiraishi A, ..., Satake H, Draft Genome of <i>Tanacetum Coccineum</i> : Genomic Comparison of Closely Related <i>Tanacetum</i> -Family Plants. <i>Int J Mol Sci.</i> 2022 Jun 24 23(13): 7039.
1020	<i>Abrus melanospermus</i> (<i>Fabaceae</i>)	2022-06-22	Xu S, Li F, ..., Wang J, Complete genome sequence and phylogenetic analysis of medicinal plant <i>Abrus cantoniensis</i> for evolutionary research and germplasm utilization. <i>Plant Genome.</i> 2022 Sep 15(3): e20236. Epub 2022 Jun 24.
1019	<i>Solanum galapagense</i> (<i>Solanaceae</i>)	2022-06-20	Yu X, Qu M, ..., Gao L, Chromosome-scale genome assemblies of wild tomato relatives <i>Solanum habrochaites</i> and <i>S. galapagense</i> reveal structural variants associated with stress tolerance and terpene biosynthesis. <i>Hortic Res.</i> 2022 Jun 20 9: uhac139. eCollection 2022.
1018	<i>Solanum habrochaites</i> (<i>Solanaceae</i>)	2022-06-20	Yu X, Qu M, ..., Gao L, Chromosome-scale genome assemblies of wild tomato relatives <i>Solanum habrochaites</i> and <i>S. galapagense</i> reveal structural variants associated with stress tolerance and terpene biosynthesis. <i>Hortic Res.</i> 2022 Jun 20 9: uhac139. eCollection 2022.
1017	<i>Elaeagnus angustifolia</i> (<i>Elaeagnaceae</i>)	2022-06-18	Mao Y, Cui X, ..., Shen X, De novo assembly provides new insights into the evolution of <i>Elaeagnus angustifolia</i> L.. <i>Plant Methods.</i> 2022 Jun 18 18(1): 84.
1016	<i>Pohlia nutans</i> (<i>Mniaceae</i>)	2022-06-17	Liu S, Fang S, ..., Zhang P, The Antarctic Moss <i>Pohlia nutans</i> Genome Provides Insights Into the Evolution of Bryophytes and the Adaptation to Extreme Terrestrial Habitats. <i>Front Plant Sci.</i> 2022 Jun 17 13: 920138. eCollection 2022.
1015	<i>Curcuma alismatifolia</i> (<i>Zingiberaceae</i>)	2022-06-15	Dong Q, Zou QC, ..., Ding HQ, The Chromosome-Scale Assembly of the <i>Curcuma alismatifolia</i> Genome Provides Insight Into Anthocyanin and Terpenoid Biosynthesis. <i>Front Plant Sci.</i> 2022 Jun 15 13: 899588. eCollection 2022.
1014	<i>Artocarpus nanchuanensis</i> (<i>Moraceae</i>)	2022-06-14	He J, Bao S, ..., Chen C, A chromosome-level genome assembly of <i>Artocarpus nanchuanensis</i> (Moraceae), an extremely endangered fruit tree. <i>Gigascience.</i> 2022 Jun 14 11: giac042.
1013	<i>Fagopyrum cymosum</i> (<i>Polygonaceae</i>)	2022-06-14	He M, He Y, ..., Zhou M, Comparison of buckwheat genomes reveals the genetic basis of metabolomic divergence and ecotype differentiation. <i>New Phytol.</i> 2022 Sep 235(5): 1927-1943. Epub 2022 Jul 5.
1012	<i>Striga hermonthica</i> (<i>Orobanchaceae</i>)	2022-06-14	Qiu S, Bradley JM, ..., Scholes JD, Genome-enabled discovery of candidate virulence loci in <i>Striga hermonthica</i> , a devastating parasite of African cereal crops. <i>New Phytol.</i> 2022 Oct 236(2): 622-638. Epub 2022 Jul 7.
1011	<i>Prunus kansuensis</i> (<i>Rosaceae</i>)	2022-06-13	Cao K, Peng Z, ..., Wang L, Chromosome-level genome assemblies of four wild peach species provide insights into genome evolution and genetic basis of stress resistance. <i>BMC Biol.</i> 2022 Jun 13 20(1): 139.
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1009	<i>Boswellia sacra</i> (<i>Burseraceae</i>)	2022-06-10	Khan AL, Al-Harrasi A, ..., Wang XY, Genome structure and evolutionary history of frankincense producing <i>Boswellia sacra</i> . <i>iScience.</i> 2022 Jun 10 25(7): 104574. eCollection 2022 Jul 15.
1008	<i>Cichorium endivia</i> (<i>Asteraceae</i>)	2022-06-09	Zhang B, Wang Z, ..., Li D, The chromosome-scale assembly of endive (<i>Cichorium endivia</i>) genome provides insights into the sesquiterpenoid biosynthesis. <i>Genomics.</i> 2022 Jul 114(4): 110400. Epub 2022 Jun 9.
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1006	<i>Solanum boliviense</i> (<i>Solanaceae</i>)	2022-06-08	Tang D, ..., ..., Huang S, Genome evolution and diversity of wild and cultivated potatoes. <i>Nature.</i> 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
1005	<i>Solanum brevicaulle</i> (<i>Solanaceae</i>)	2022-06-08	Tang D, ..., ..., Huang S, Genome evolution and diversity of wild and cultivated potatoes. <i>Nature.</i> 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
1004	<i>Solanum buesii</i> (<i>Solanaceae</i>)	2022-06-08	Tang D, ..., ..., Huang S, Genome evolution and diversity of wild and cultivated potatoes. <i>Nature.</i> 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
1003	<i>Solanum bulbocastanum</i> (<i>Solanaceae</i>)	2022-06-08	Tang D, ..., ..., Huang S, Genome evolution and diversity of wild and cultivated potatoes. <i>Nature.</i> 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
1002	<i>Solanum burkartii</i> (<i>Solanaceae</i>)	2022-06-08	Tang D, ..., ..., Huang S, Genome evolution and diversity of wild and cultivated potatoes. <i>Nature.</i> 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
1001	<i>Solanum cajamarquense</i> (<i>Solanaceae</i>)	2022-06-08	Tang D, ..., ..., Huang S, Genome evolution and diversity of wild and cultivated potatoes. <i>Nature.</i> 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.

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1000	<i>Solanum candolleianum</i> (Solanaceae)	2022-06-08	Tang D, ... , Huang S, Genome evolution and diversity of wild and cultivated potatoes. Nature. 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
999	<i>Solanum chromatophilum</i> (Solanaceae)	2022-06-08	Tang D, ... , Huang S, Genome evolution and diversity of wild and cultivated potatoes. Nature. 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
998	<i>Solanum etuberosum</i> (Solanaceae)	2022-06-08	Tang D, ... , Huang S, Genome evolution and diversity of wild and cultivated potatoes. Nature. 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
997	<i>Solanum jamesii</i> (Solanaceae)	2022-06-08	Tang D, ... , Huang S, Genome evolution and diversity of wild and cultivated potatoes. Nature. 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
996	<i>Solanum lignicaule</i> (Solanaceae)	2022-06-08	Tang D, ... , Huang S, Genome evolution and diversity of wild and cultivated potatoes. Nature. 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
995	<i>Solanum morelliforme</i> (Solanaceae)	2022-06-08	Tang D, ... , Huang S, Genome evolution and diversity of wild and cultivated potatoes. Nature. 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
994	<i>Solanum multiinterruptum</i> (Solanaceae)	2022-06-08	Tang D, ... , Huang S, Genome evolution and diversity of wild and cultivated potatoes. Nature. 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
993	<i>Solanum neorossii</i> (Solanaceae)	2022-06-08	Tang D, ... , Huang S, Genome evolution and diversity of wild and cultivated potatoes. Nature. 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
992	<i>Solanum palustre</i> (Solanaceae)	2022-06-08	Tang D, ... , Huang S, Genome evolution and diversity of wild and cultivated potatoes. Nature. 2022 Jun, 606(7914): 535-541. Epub 2022 Jun 8.
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955	<i>Avicennia officinalis</i> (Acanthaceae)	2022-04-28	He Z, Feng X. ..., Shi S, Evolution of coastal forests based on a full set of mangrove genomes. Nat Ecol Evol. 2022 Jun 6(6): 738-749. Epub 2022 Apr 28.
954	<i>Avicennia rumphiana</i> (Acanthaceae)	2022-04-28	He Z, Feng X. ..., Shi S, Evolution of coastal forests based on a full set of mangrove genomes. Nat Ecol Evol. 2022 Jun 6(6): 738-749. Epub 2022 Apr 28.
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926	<i>Sonneratia ovata</i> (<i>Lythraceae</i>)	2022-04-28	He Z, Feng X, ..., Shi S, Evolution of coastal forests based on a full set of mangrove genomes. Nat Ecol Evol. 2022 Jun 6(6): 738-749. Epub 2022 Apr 28.
925	<i>Swietenia macrophylla</i> (<i>Meliaceae</i>)	2022-04-28	He Z, Feng X, ..., Shi S, Evolution of coastal forests based on a full set of mangrove genomes. Nat Ecol Evol. 2022 Jun 6(6): 738-749. Epub 2022 Apr 28.
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900	<i>Streptocarpus rexii</i> (<i>Gesneriaceae</i>)	2022-04-03	Nishii K, Hart M, ..., Moller M, The first genome for the Cape Primrose <i>Streptocarpus rexii</i> (Gesneriaceae), a model plant for studying meristem-driven shoot diversity. Plant Direct. 2022 Apr 3 6(4): e388. eCollection 2022 Apr.
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898	<i>Bupleurum chinense</i> (<i>Apiaceae</i>)	2022-03-31	Zhang Q, Li M, ..., Zhang Y, Chromosome-Level Genome Assembly of <i>Bupleurum chinense</i> DC Provides Insights Into the Saikosaponin Biosynthesis. Front Genet. 2022 Mar 31 13: 878431. eCollection 2022.
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890	<i>Solanum muricatum</i> (Solanaceae)	2022-03-16	Song X, Liu H, ..., Duan W, Chromosome-level pepino genome provides insights into genome evolution and anthocyanin biosynthesis in Solanaceae. Plant J. 2022 May 110(4): 1128-1143. Epub 2022 Mar 29.
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846	<i>Begonia loranthoides</i> (Begoniaceae)	2022-01-08	Li L, Chen X, ..., Liu H, Genomes shed light on the evolution of <i>Begonia</i> , a mega-diverse genus. <i>New Phytol.</i> 2022 Apr 234(1): 295-310. Epub 2022 Feb 9.
845	<i>Begonia masoniana</i> (Begoniaceae)	2022-01-08	Li L, Chen X, ..., Liu H, Genomes shed light on the evolution of <i>Begonia</i> , a mega-diverse genus. <i>New Phytol.</i> 2022 Apr 234(1): 295-310. Epub 2022 Feb 9.
844	<i>Begonia peltatifolia</i> (Begoniaceae)	2022-01-08	Li L, Chen X, ..., Liu H, Genomes shed light on the evolution of <i>Begonia</i> , a mega-diverse genus. <i>New Phytol.</i> 2022 Apr 234(1): 295-310. Epub 2022 Feb 9.
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840	<i>Bidens hawaiiensis</i> (Asteraceae)	2022-01-04	Bellinger MR, Datlof EM, ..., Knope ML, A genome for <i>Bidens hawaiiensis</i> : a member of a hexaploid Hawaiian plant adaptive radiation. <i>J Hered.</i> 2022 May 16 113(2): 205-214.
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837	<i>Synsepalum dulcificum</i> (Sapotaceae)	2022-01-03	Yang Z, Liu Z, ..., Ding Y, The Chromosome-Level Genome of Miracle Fruit (<i>Synsepalum dulcificum</i>) Provides New Insights Into the Evolution and Function of Miraculin. <i>Front Plant Sci.</i> 2022 Jan 3 12: 804662. eCollection 2021.
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832	<i>Aegilops speltoides</i> (Poaceae)	2022-01-01	Li LF, Zhang ZB, ..., Liu B, Genome sequences of the five Sitopsis species of <i>Aegilops</i> and the origin of polyploid wheat B-subgenome. <i>Mol Plant.</i> 2022 Mar 7 15(3): 488-503. Epub 2022 Jan 1.
831	<i>Acer negundo</i> (Sapindaceae)	2021-12-29	McEvoy SL, Sezen UU, ..., Swenson NG, Strategies of tolerance reflected in two North American maple genomes. <i>Plant J.</i> 2022 Mar 109(6): 1591-1613. Epub 2022 Feb 25.
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827	<i>Taraxacum mongolicum</i> (Asteraceae)	2021-12-17	Lin T, Xu X, ..., Li J, Extensive sequence divergence between the reference genomes of <i>Taraxacum kok-saghyz</i> and <i>Taraxacum mongolicum</i> . <i>Sci China Life Sci.</i> 2022 Mar 65(3): 515-528. Epub 2021 Dec 17.
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824	<i>Phragmites australis</i> (Poaceae)	2021-12-11	Oh DH, Kowalski KP, ..., Clay K, Novel genome characteristics contribute to the invasiveness of <i>Phragmites australis</i> (common reed). <i>Mol Ecol.</i> 2022 Feb 31(4): 1142-1159. Epub 2021 Dec 11.
823	<i>Acer catalpifolium</i> (Sapindaceae)	2021-12-08	Yu T, Hu Y, ..., Yi X, Whole-genome sequencing of <i>Acer catalpifolium</i> reveals evolutionary history of endangered species. <i>Genome Biol Evol.</i> 2021 Dec 1 13(12): evab271.
822	<i>Lemna minuta</i> (Araceae)	2021-12-06	Abramson BW, Novotny M, ..., Michael TP, The genome and preliminary single-nuclei transcriptome of <i>Lemna minuta</i> reveals mechanisms of invasiveness. <i>Plant Physiol.</i> 2022 Feb 4 188(2): 879-897.
821	<i>Trapa natans</i> (Lythraceae)	2021-12-03	Lu RS, Chen Y, ..., Qiu YX, Genome sequencing and transcriptome analyses provide insights into the origin and domestication of water caltrop (<i>Trapa</i> spp., Lythraceae). <i>Plant Biotechnol J.</i> 2022 Apr 20(4): 761-776. Epub 2021 Dec 11.
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570	<i>Cyanidiococcus yangmingshanensis</i> (<i>Cyanidioschyzonaceae</i>)	2020-07-29	Liu SL, Chiang YR, ..., Fu HY. Comparative genome analysis reveals <i>Cyanidiococcus</i> gen. nov., a new extremophilic red algal genus sister to <i>Cyanidioschyzon</i> (Cyanidioschyzonaceae, Rhodophyta). <i>J Phycol</i> . 2020 Dec 56(6): 1428-1442. Epub 2020 Oct 21.
569	<i>Allium sativum</i> (<i>Amaryllidaceae</i>)	2020-07-27	Sun X, Zhu S, ..., Liu T. A chromosome-level genome assembly of garlic (<i>Allium sativum</i> L.) provides insights into genome evolution and alliin biosynthesis. <i>Mol Plant</i> . 2020 Sep 7 13(9): 1328-1339. Epub 2020 Jul 28.
568	<i>Setaria viridis</i> (<i>Poaceae</i>)	2020-07-21	Thielen PM, Pendleton AL, ..., Wisecaver JH. Reference Genome for the Highly Transformable <i>Setaria viridis</i> ME034V. <i>G3 (Bethesda)</i> . 2020 Oct 5 10(10): 3467-3478.

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566	<i>Chiococca alba</i> (<i>Rubiaceae</i>)	2020-07-08	Lau KH, Bhat WW, ..., Buell CR, Genome assembly of <i>Chiococca alba</i> uncovers key enzymes involved in the biosynthesis of unusual terpenoids. DNA Res. 2020 Jun 1 27(3): dsaa013.
565	<i>Microthlaspi erraticum</i> (<i>Brassicaceae</i>)	2020-07-03	Mishra B, Ploch S, ..., Thines M, The Genome of <i>Microthlaspi erraticum</i> (Brassicaceae) Provides Insights Into the Adaptation to Highly Calcareous Soils. Front Plant Sci. 2020 Jul 3 11: 943. eCollection 2020.
564	<i>Chlamydomonas</i> sp. ICE-L (<i>Chlamydomonadaceae</i>)	2020-07-02	Zhang Z, Qu C, ..., Miao J, Adaptation to Extreme Antarctic Environments Revealed by the Genome of a Sea Ice Green Alga. Curr Biol. 2020 Sep 7 30(17): 3330-3341.e7. Epub 2020 Jul 2.
563	<i>Echinochloa haploclada</i> (<i>Poaceae</i>)	2020-07-02	Ye CY, Wu D, ..., Fan L, The Genomes of the Allohexaploid <i>Echinochloa crus-galli</i> and Its Progenitors Provide Insights into Polyploidization-Driven Adaptation. Mol Plant. 2020 Sep 7 13(9): 1298-1310. Epub 2020 Jul 2.
562	<i>Echinochloa oryzoides</i> (<i>Poaceae</i>)	2020-07-02	Ye CY, Wu D, ..., Fan L, The Genomes of the Allohexaploid <i>Echinochloa crus-galli</i> and Its Progenitors Provide Insights into Polyploidization-Driven Adaptation. Mol Plant. 2020 Sep 7 13(9): 1298-1310. Epub 2020 Jul 2.
561	<i>Aquilegia oxysepala</i> (<i>Ranunculaceae</i>)	2020-07-01	Xie J, Zhao H, ..., Xu G, A chromosome-scale reference genome of <i>Aquilegia oxysepala</i> var. kansuensis. Hortic Res. 2020 Jul 1 7(1): 113. eCollection 2020.
560	<i>Platycodon grandiflorus</i> (<i>Campanulaceae</i>)	2020-07-01	Kim J, Kang SH, ..., Kim CK, Whole-genome, transcriptome, and methylome analyses provide insights into the evolution of platycoside biosynthesis in <i>Platycodon grandiflorus</i> , a medicinal plant. Hortic Res. 2020 Jul 1 7: 112. eCollection 2020.
559	<i>Salix viminalis</i> (<i>Salicaceae</i>)	2020-06-30	Almeida P, Proux-Wera E, ..., Mank JE, Genome assembly of the basket willow, <i>Salix viminalis</i> , reveals earliest stages of sex chromosome expansion. BMC Biol. 2020 Jun 30 18(1): 78.
558	<i>Prasinoderma coloniale</i> (<i>Prasinodermataceae</i>)	2020-06-22	Li L, Wang S, ..., Liu H, The Genome of <i>Prasinoderma Coloniale</i> Unveils the Existence of a Third Phylum Within Green Plants. Nat Ecol Evol. 2020 Sep 4(9): 1220-1231. Epub 2020 Jun 22.
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556	<i>Carex littledalei</i> (<i>Cyperaceae</i>)	2020-06-11	Can M, Wei W, ..., Qu G, Genome Sequencing of <i>Kobresia Littledalei</i> , the First Chromosome-Level Genome in the Family Cyperaceae. Sci Data. 2020 Jun 11 7(1): 175.
555	<i>Chimonanthus salicifolius</i> (<i>Calycanthaceae</i>)	2020-06-10	Lv Q, Qiu J, ..., Cheng K, The <i>Chimonanthus Salicifolius</i> Genome Provides Insight Into Magnoliid Evolution and Flavonoid Biosynthesis. Plant J. 2020 Aug 103(5): 1910-1923. Epub 2020 Jul 10.
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553	<i>Averrhoa carambola</i> (<i>Oxalidaceae</i>)	2020-06-01	Fan Y, Sahu SK, ..., Liu H, Dissecting the genome of star fruit (<i>Averrhoa carambola</i> L.). Hortic Res. 2020 Jun 1 7(1): 94. eCollection 2020.
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551	<i>Atriplex hortensis</i> (<i>Amaranthaceae</i>)	2020-05-25	Hunt SP, Jarvis DE, ..., Maughan PJ, A Chromosome-Scale Assembly of the Garden Orach (<i>Atriplex hortensis</i> L.) Genome Using Oxford Nanopore Sequencing. Front Plant Sci. 2020 May 25 11: 624. eCollection 2020.
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548	<i>Medicago sativa</i> (<i>Fabaceae</i>)	2020-05-19	Chen H, Zeng Y, ..., Qiu Q, Allele-aware Chromosome-Level Genome Assembly and Efficient Transgene-Free Genome Editing for the Autotetraploid Cultivated Alfalfa. Nat Commun. 2020 May 19 11(1): 2494.
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546	<i>Coix lacryma-jobi</i> (<i>Poaceae</i>)	2020-05-18	Kang SH, Kim B, ..., Kim CK, Genome Assembly and Annotation of Soft-Shelled Adlay (<i>Coix lacryma-jobi</i> Variety ma-yuen), a Cereal and Medicinal Crop in the Poaceae Family. Front Plant Sci. 2020 May 18 11: 630. eCollection 2020.
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536	<i>Drosera spatulata</i> (<i>Droseraceae</i>)	2020-05-11	Palfalvi G, Hackl T, ..., Hedrich R, Genomes of the Venus Flytrap and Close Relatives Unveil the Roots of Plant Carnivory. Curr Biol. 2020 Jun 22 30(12): 2312-2320.e5. Epub 2020 May 14.
535	<i>Kandelia obovata</i> (<i>Rhizophoraceae</i>)	2020-05-02	Hu MJ, Sun WH, ..., Liu ZJ, Chromosome-scale assembly of the <i>Kandelia obovata</i> genome. Hortic Res. 2020 May 2 7(1): 75. eCollection 2020.
534	<i>Eragrostis nindensis</i> (<i>Poaceae</i>)	2020-04-23	Pardo J, Man Wai C, ..., VanBuren R, Intertwined signatures of desiccation and drought tolerance in grasses. Proc Natl Acad Sci U S A. 2020 May 5 117(18): 10079-10088. Epub 2020 Apr 23.
533	<i>Gossypium darwinii</i> (<i>Malvaceae</i>)	2020-04-20	Chen ZJ, Sreedasyam A, ..., Schmutz J, Genomic diversifications of five <i>Gossypium</i> allopolyploid species and their impact on cotton improvement. Nat Genet. 2020 May 52(5): 525-533. Epub 2020 Apr 20.
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526	<i>Litsea cubeba</i> (<i>Lauraceae</i>)	2020-04-03	Chen YC, Li Z, ..., Wang YD, The <i>Litsea</i> genome and the evolution of the laurel family. <i>Nat Commun.</i> 2020 Apr 3 11(1): 1675.
525	<i>Asparagus setaceus</i> (<i>Asparagaceae</i>)	2020-04-01	Li SF, Wang J, ..., Gao WJ, Chromosome-level genome assembly, annotation and evolutionary analysis of the ornamental plant <i>Asparagus setaceus</i> . <i>Hortic Res.</i> 2020 Apr 1 7(1): 48. eCollection 2020.
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523	<i>Nymphaea thermarum</i> (<i>Nymphaeaceae</i>)	2020-03-31	Povilus RA, DaCosta JM, ..., Friedman WE, Water lily (<i>Nymphaea thermarum</i>) genome reveals variable genomic signatures of ancient vascular cambium losses. <i>Proc Natl Acad Sci U S A.</i> 2020 Apr 14 117(15): 8649-8656. Epub 2020 Mar 31.
522	<i>Lonicera japonica</i> (<i>Caprifoliaceae</i>)	2020-03-18	Pu X, Li Z, ..., Song J, The honeysuckle genome provides insight into the molecular mechanism of carotenoid metabolism underlying dynamic flower coloration. <i>New Phytol.</i> 2020 Aug 227(3): 930-943. Epub 2020 Apr 18.
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518	<i>Puccinellia tenuiflora</i> (<i>Poaceae</i>)	2020-03-12	Zhang W, Liu J, ..., Huang X, A high-quality genome sequence of alkaligrass provides insights into halophyte stress tolerance. <i>Sci China Life Sci.</i> 2020 Sep 63(9): 1269-1282. Epub 2020 Mar 12.
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513	<i>Dioscorea dumetorum</i> (<i>Dioscoreaceae</i>)	2020-03-04	Siadjeu C, Pucker B, ..., Weisshaar B, High Contiguity De Novo Genome Sequence Assembly of Trifoliate Yam (<i>Dioscorea dumetorum</i>) Using Long Read Sequencing. <i>Genes (Basel).</i> 2020 Mar 4 11(3): 274.
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510	<i>Oryza rhizomatis</i> (<i>Poaceae</i>)	2020-03-03	Shenton M, Kobayashi M, ..., Kurata N, Evolution and diversity of the wild rice <i>Oryza officinalis</i> complex, across continents genome types, and ploidy levels. <i>Genome Biol Evol.</i> 2020 Apr 1 12(4): 413-428.
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505	<i>Avicennia marina</i> (<i>Acanthaceae</i>)	2020-02-20	He Z, Xu S, ..., Shi S, Convergent adaptation of the genomes of woody plants at the land-sea interface. <i>Natl Sci Rev.</i> 2020 Jun 7(6): 978-993. Epub 2020 Feb 20.
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496	<i>Fragaria nilgerrensis</i> (<i>Rosaceae</i>)	2020-01-31	Zhang J, Lei Y, ..., Zhang Z, The high-quality genome of diploid strawberry (<i>Fragaria nilgerrensis</i>) provides new insights into anthocyanin accumulation. <i>Plant Biotechnol J.</i> 2020 Sep 18(9): 1908-1924. Epub 2020 Feb 15.
495	<i>Ficus erecta</i> (<i>Moraceae</i>)	2020-01-24	Shirasawa K, Yakushiji H, ..., Isebe S, The <i>Ficus erecta</i> genome towards <i>Ceratocystis</i> canker resistance breeding in common fig (<i>F. carica</i>). <i>Plant J.</i> 2020 Jun 102(6): 1313-1322. Epub 2020 Feb 24.
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492	<i>Carpinus fangiana</i> (<i>Betulaceae</i>)	2020-01-21	Yang X, Wang Z, ..., Yang Y, A Chromosome-Level Reference Genome of the Hornbeam, <i>Carpinus Fangiana</i> . Sci Data. 2020 Jan 21 7(1): 24.
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489	<i>Eucalyptus pauciflora</i> (<i>Myrtaceae</i>)	2020-01-02	Wang W, Das A, ..., Lanfear R, The draft nuclear genome assembly of <i>Eucalyptus pauciflora</i> : a pipeline for comparing de novo assemblies. Gigascience. 2020 Jan 1 9(1): giz160.
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485	<i>Luffa cylindrica</i> (<i>Cucurbitaceae</i>)	2019-12-23	Zhang T, Ren X, ..., Sun Z, Long-read sequencing and de novo assembly of the <i>Luffa cylindrica</i> (L.) Roem. Genome. Mol Ecol Resour. 2020 Mar 20(2): 511-519. Epub 2020 Jan 16.
484	<i>Diospyros oleifera</i> (<i>Ebenaceae</i>)	2019-12-18	Zhu QG, Xu Y, ..., Yin XR, The persimmon (<i>Diospyros oleifera</i> Cheng) genome provides new insights into the inheritance of astringency and ancestral evolution. Hortic Res. 2019 Dec 18 6: 138. eCollection 2019.
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481	<i>Chlorokybus atmophyticus</i> (<i>Chlorokybaceae</i>)	2019-12-16	Wang S, Li L, ..., Liu X, Genomes of early-diverging streptophyte algae shed light on plant terrestrialization. Nat Plants. 2020 Feb 6(2): 95-106. Epub 2019 Dec 16.
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478	<i>Coriandrum sativum</i> (<i>Apiaceae</i>)	2019-12-04	Song X, Wang J, ..., Wang X, Deciphering the High Quality Genome Sequence of Coriander that Causes Controversial Feelings. Plant Biotechnol J. 2020 Jun 18(6): 1444-1456. Epub 2020 Feb 5.
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472	<i>Leptospermum scoparium</i> (<i>Myrtaceae</i>)	2019-11-25	Thrimawithana AH, .. and Schwinn KE, A whole genome assembly of <i>Leptospermum scoparium</i> (Myrtaceae) for manuka research. New Zealand J Crop Hort Sci. 2019 Nov 25, Epub ahead of print
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469	<i>Avena atlantica</i> (<i>Poaceae</i>)	2019-11-22	Maughan PJ, Lee R, ..., Jellen EN, Genomic insights from the first chromosome-scale assemblies of oat (<i>Avena</i> spp.) diploid species. BMC Biol. 2019 Nov 22 17(1): 92.
468	<i>Avena eriantha</i> (<i>Poaceae</i>)	2019-11-22	Maughan PJ, Lee R, ..., Jellen EN, Genomic insights from the first chromosome-scale assemblies of oat (<i>Avena</i> spp.) diploid species. BMC Biol. 2019 Nov 22 17(1): 92.
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465	<i>Trochodendron aralioides</i> (<i>Trochodendraceae</i>)	2019-11-18	Strijk JS, Hinsinger DD, ..., Cao K, <i>Trochodendron aralioides</i> , the first chromosome-level draft genome in Trochodendrales and a valuable resource for basal eudicot research. Gigascience. 2019 Nov 1 8(11): giz136.
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460	<i>Chenopodium pallidicaule</i> (<i>Amaranthaceae</i>)	2019-11-08	Mangelson H, Jarvis DE, ..., Maughan PJ, The genome of <i>Chenopodium pallidicaule</i> : An emerging Andean super grain. Appl Plant Sci. 2019 Nov 8 7(11): e11300. eCollection 2019 Nov.
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455	<i>Messastrum gracile</i> (<i>Selenastraceae</i>)	2019-10-18	Teh KY, Afifudeen CLW, ..., Cha TS, De novo whole genome sequencing data of two mangrove-isolated microalgae from Terengganu coastal waters. Data Brief. 2019 Oct 18 27: 104680. eCollection 2019 Dec.
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452	<i>Solanum chilense</i> (<i>Solanaceae</i>)	2019-10-11	Stam R, Nosenko T, ..., Tellier A, The de Novo Reference Genome and Transcriptome Assemblies of the Wild Tomato Species <i>Solanum chilense</i> Highlights Birth and Death of NLR Genes Between Tomato Species. G3 (Bethesda). 2019 Dec 3 9(12): 3933-3941.
451	<i>Solanum aethiopicum</i> (<i>Solanaceae</i>)	2019-10-01	Song B, Song Y, ..., Liu X, Draft genome sequence of <i>Solanum aethiopicum</i> provides insights into disease resistance, drought tolerance, and the evolution of the genome. Gigascience. 2019 Oct 1 8(10): giz115.
450	<i>Amaranthus tuberculatus</i> (<i>Amaranthaceae</i>)	2019-09-30	Kreiner JM, Giacomini DA, ..., Wright SI, Multiple modes of convergent adaptation in the spread of glyphosate-resistant <i>Amaranthus tuberculatus</i> . Proc Natl Acad Sci U S A. 2019 Oct 15 116(42): 21076-21084. Epub 2019 Sep 30.
449	<i>Asclepias syriaca</i> (<i>Apocynaceae</i>)	2019-09-20	Weitemier K, Straub SCK, ..., Liston A, A draft genome and transcriptome of common milkweed (<i>Asclepias syriaca</i>) as resources for evolutionary, ecological, and molecular studies in milkweeds and Apocynaceae. PeerJ. 2019 Sep 20 7: e7649. eCollection 2019.
448	<i>Bassia scoparia</i> (<i>Amaranthaceae</i>)	2019-09-13	Patterson EL, Saski CA, ..., Gaines TA, The Draft Genome of <i>Kochia scoparia</i> and the Mechanism of Glyphosate Resistance via Transposon-Mediated EPSPS Tandem Gene Duplication. Genome Biol Evol. 2019 Oct 1 11(10): 2927-2940.
447	<i>Gossypium australe</i> (<i>Malvaceae</i>)	2019-09-13	Cai Y, Cai X, ..., Liu F, Genome sequencing of the Australian wild diploid species <i>Gossypium australe</i> highlights disease resistance and delayed gland morphogenesis. Plant Biotechnol J. 2020 Mar 18(3): 814-828. Epub 2019 Sep 13.
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445	<i>Suaeda aralocaspica</i> (<i>Amaranthaceae</i>)	2019-09-12	Wang L, Ma G, ..., Zhang Y, A draft genome assembly of halophyte <i>Suaeda aralocaspica</i> , a plant that performs C4 photosynthesis within individual cells. Gigascience. 2019 Sep 1 8(9): giz116.
444	<i>Arabis nemorensis</i> (<i>Brassicaceae</i>)	2019-09-11	Dittberner H, Becker C, ..., Meaux J, Strengths and potential pitfalls of hay transfer for ecological restoration revealed by RAD-seq analysis in floodplain <i>Arabis</i> species. Mol Ecol. 2019 Sep 28(17): 3887-3901. Epub 2019 Sep 11.
443	<i>Striga asiatica</i> (<i>Orobanchaceae</i>)	2019-09-10	Yoshida S, Kim S, ..., Shirasu K, Genome Sequence of <i>Striga asiatica</i> Provides Insight into the Evolution of Plant Parasitism. Curr Biol. 2019 Sep 23 29(18): 3041-3052.e4. Epub 2019 Sep 12.
442	<i>Chloropicon primus</i> (<i>Chloropiceaceae</i>)	2019-09-06	Lemieux C, Turmel M, ..., Pombert JF, A streamlined and predominantly diploid genome in the tiny marine green alga <i>Chloropicon primus</i> . Nat Commun. 2019 Sep 6 10(1): 4061.
441	<i>Pisum sativum</i> (<i>Fabaceae</i>)	2019-09-02	Kreplak J, Madoui MA, ..., Burstin J, A reference genome for pea provides insight into legume genome evolution. Nat Genet. 2019 Sep 51(9): 1411-1422. Epub 2019 Sep 2.
440	<i>Gossypium turneri</i> (<i>Malvaceae</i>)	2019-08-28	Udall JA, Long E, ..., Wendel JF, De novo genome sequence assemblies of <i>Gossypium raimondii</i> and <i>G. turneri</i> . G3 (Bethesda). 2019 Oct 7 9(10): 3079-3085.
439	<i>Gelsemium elegans</i> (<i>Gelsemiaceae</i>)	2019-08-16	Liu Y, Tang Q, ..., Liu Z, Whole-genome sequencing and analysis of the Chinese herbal plant <i>Gelsemium elegans</i> . Acta Pharm Sin B. 2020 Feb 10(2): 374-382. Epub 2019 Aug 16.
438	<i>Phytolacca americana</i> (<i>Phytolaccaceae</i>)	2019-08-08	Neller KCM, Diaz CA, ..., Hudak KA, De novo Assembly of the Pokeweed Genome Provides Insight Into Pokeweed Antiviral Protein (PAP) Gene Expression. Front Plant Sci. 2019 Aug 6 10: 1002. eCollection 2019.
437	<i>Persea americana</i> (<i>Lauraceae</i>)	2019-08-06	Rendon-Anaya M, Ibarra-Laclette E, ..., Herrera-Estrella L, The avocado genome informs deep angiosperm phylogeny, highlights introgressive hybridization, and reveals pathogen-influenced gene space adaptation. Proc Natl Acad Sci U S A. 2019 Aug 20 116(34): 17081-17089. Epub 2019 Aug 6.
436	<i>Pyrus betulifolia</i> (<i>Rosaceae</i>)	2019-08-01	Dong X, Wang Z, ..., Cao Y, De novo assembly of a wild pear (<i>Pyrus betulifolia</i>) genome. Plant Biotechnol J. 2020 Feb 18(2): 581-595. Epub 2019 Aug 12.
435	<i>Asterochloris glomerata</i> (<i>Trebouxiaceae</i>)	2019-07-23	Armaleo D, Muller O, ..., Xavier BB, The lichen symbiosis re-viewed through the genomes of <i>Cladonia grayi</i> and its algal partner <i>Asterochloris glomerata</i> . BMC Genomics. 2019 Jul 23 20(1): 605.
434	<i>Vitis riparia</i> (<i>Vitaceae</i>)	2019-07-19	Girollet N, Rubio B, ..., Bert PF, De Novo Phased Assembly of the <i>Vitis Riparia</i> Grape Genome. Sci Data. 2019 Jul 19 6(1): 127.
433	<i>Vigna marina</i> (<i>Fabaceae</i>)	2019-07-18	Singh AK, .. and Singh S, Draft genome sequence of a less-known wild <i>Vigna</i> : Beach pea (<i>V. marina</i> cv. ANBp-14-03) Crop Journal (2019), epub ahead of print
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427	<i>Spatholobus suberectus</i> (<i>Fabaceae</i>)	2019-07-04	Qin S, Wu L, ..., Zhang Z, A draft genome for <i>Spatholobus suberectus</i> . Sci Data. 2019 Jul 4 6(1): 113.
426	<i>Xanthoceras sorbifolium</i> (<i>Sapindaceae</i>)	2019-06-26	Liang Q, Li H, ..., Yang L, The genome assembly and annotation of yellowhorn (<i>Xanthoceras sorbifolium</i> Bunge). Gigascience. 2019 Jun 1 8(6): giz071.
425	<i>Abies alba</i> (<i>Pinaceae</i>)	2019-06-20	Mosca E, Cruz F, ..., Neale DB, A Reference Genome Sequence for the European Silver Fir (<i>Abies alba</i> Mill.): A Community-Generated Genomic Resource. G3 (Bethesda). 2019 Jul 9 9(7): 2039-2049.
424	<i>Marchantia inflexa</i> (<i>Marchantiaceae</i>)	2019-06-19	Marks RA, Smith JJ, ..., McLetchie DN, Genome of the tropical plant <i>Marchantia inflexa</i> : implications for sex chromosome evolution and dehydration tolerance. Sci Rep. 2019 Jun 19 9(1): 8722.
423	<i>Digenea simplex</i> (<i>Rhodomelaceae</i>)	2019-06-17	Chekan JR, McKinnie SMK, ..., Moore BS, Scalable Biosynthesis of the Seaweed Neurochemical, Kainic Acid. Angew Chem Int Ed Engl. 2019 Jun 17 58(25): 8454-8457. Epub 2019 May 10.

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421	<i>Sedum album</i> (Crassulaceae)	2019-06-14	Wai CM, Weise SE, ..., VanBuren R, Time of day and network reprogramming during drought induced CAM photosynthesis in Sedum album. PLoS Genet. 2019 Jun 14 15(6): e1008209. eCollection 2019 Jun.
420	<i>Trichopus zeylanicus</i> (Dioscoreaceae)	2019-06-12	Vadakkemukadiyil Chellappan B, Pr S, ..., Nair AS, High Quality Draft Genome of Arogyapacha (Trichopus zeylanicus), an Important Medicinal Plant Endemic to Western Ghats of India. G3 (Bethesda). 2019 Aug 8 9(8): 2395-2404.
419	<i>Bonia amplexicaulis</i> (Poaceae)	2019-05-27	Guo ZH, Ma PF, ..., Li DZ, Genome sequences provide insights into the reticulate origin and unique traits of woody bamboos. Mol Plant. 2019 Oct 7 12(10): 1353-1365. Epub 2019 May 27.
418	<i>Guadua angustifolia</i> (Poaceae)	2019-05-27	Guo ZH, Ma PF, ..., Li DZ, Genome sequences provide insights into the reticulate origin and unique traits of woody bamboos. Mol Plant. 2019 Oct 7 12(10): 1353-1365. Epub 2019 May 27.
417	<i>Olyra latifolia</i> (Poaceae)	2019-05-27	Guo ZH, Ma PF, ..., Li DZ, Genome sequences provide insights into the reticulate origin and unique traits of woody bamboos. Mol Plant. 2019 Oct 7 12(10): 1353-1365. Epub 2019 May 27.
416	<i>Raddia gulanensis</i> (Poaceae)	2019-05-27	Guo ZH, Ma PF, ..., Li DZ, Genome sequences provide insights into the reticulate origin and unique traits of woody bamboos. Mol Plant. 2019 Oct 7 12(10): 1353-1365. Epub 2019 May 27.
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414	<i>Mercurialis annua</i> (Euphorbiaceae)	2019-05-24	Veltsos P, Ridout KE, ..., Pannell JR, Early Sex-chromosome Evolution in the Diploid Dioecious Plant Mercurialis annua. Genetics. 2019 Jul 212(3): 815-835. Epub 2019 May 21.
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412	<i>Beta patula</i> (Amaranthaceae)	2019-05-18	Rodriguez Del Rio A, Minoche AE, ..., Dohm JC, Genomes of the wild beets Beta patula and Beta vulgaris ssp. maritima. Plant J. 2019 Sep 99(6): 1242-1253. Epub 2019 Jul 15.
411	<i>Carya cathayensis</i> (Juglandaceae)	2019-05-02	Huang Y, Xiao L, ..., Huang J, The genomes of pecan and Chinese hickory provide insights into Carya evolution and nut nutrition. Gigascience. 2019 May 1 8(5): giz036.
410	<i>Carya illinoensis</i> (Juglandaceae)	2019-05-02	Huang Y, Xiao L, ..., Huang J, The genomes of pecan and Chinese hickory provide insights into Carya evolution and nut nutrition. Gigascience. 2019 May 1 8(5): giz036.
409	<i>Trifolium occidentale</i> (Fabaceae)	2019-04-25	Griffiths AG, Moraga R, ..., Andersen SU, Breaking Free: The Genomics of Allopolyploidy-Facilitated Niche Expansion in White Clover. Plant Cell. 2019 Jul 31(7): 1466-1487. Epub 2019 Apr 25.
408	<i>Trifolium pallescens</i> (Fabaceae)	2019-04-25	Griffiths AG, Moraga R, ..., Andersen SU, Breaking Free: The Genomics of Allopolyploidy-Facilitated Niche Expansion in White Clover. Plant Cell. 2019 Jul 31(7): 1466-1487. Epub 2019 Apr 25.
407	<i>Trifolium repens</i> (Fabaceae)	2019-04-25	Griffiths AG, Moraga R, ..., Andersen SU, Breaking Free: The Genomics of Allopolyploidy-Facilitated Niche Expansion in White Clover. Plant Cell. 2019 Jul 31(7): 1466-1487. Epub 2019 Apr 25.
406	<i>Vigna unguiculata</i> (Fabaceae)	2019-04-24	Lonardi S, Munoz-Amatriain M, ..., Close TJ, The genome of cowpea (Vigna unguiculata (L.) Walp.). Plant J. 2019 Jun 98(5): 767-782.
405	<i>Pistacia vera</i> (Anacardiaceae)	2019-04-18	Zeng L, Tu XL, ..., Wu DD, Whole genomes and transcriptomes reveal adaptation and domestication of pistachio. Genome Biol. 2019 Apr 18 20(1): 79.
404	<i>Scutellaria baicalensis</i> (Lamiaceae)	2019-04-15	Zhao Q, Yang J, ..., Martin C, The Reference Genome Sequence of Scutellaria baicalensis Provides Insights into the Evolution of Wogonin Biosynthesis. Mol Plant. 2019 Jul 1 12(7): 935-950. Epub 2019 Apr 15.
403	<i>Actinidia eriantha</i> (Actinidiaceae)	2019-04-03	Tang W, Sun X, ..., Liu Y, Chromosome-scale genome assembly of kiwifruit Actinidia eriantha with single-molecule sequencing and chromatin interaction mapping. Gigascience. 2019 Apr 1 8(4): giz027.
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400	<i>Arachis hypogaea</i> (Fabaceae)	2019-03-19	Chen X, Lu Q, ..., Liang X, Sequencing of Cultivated Peanut, Arachis hypogaea, Yields Insights into Genome Evolution and Oil Improvement. Mol Plant. 2019 Jul 1 12(7): 920-934. Epub 2019 Mar 19.
399	<i>Eleusine indica</i> (Poaceae)	2019-03-08	Zhang H, Hall N, ..., McElroy JS, Development of a goosegrass (Eleusine indica) draft genome and application to weed science research. Pest Manag Sci. 2019 Oct 75(10): 2776-2784. Epub 2019 Apr 10.
398	<i>Fragaria x ananassa</i> (Rosaceae)	2019-02-25	Edger PP, Poorten TJ, ..., Knapp SJ, Origin and evolution of the octoploid strawberry genome. Nat Genet. 2019 Mar 51(3): 541-547. Epub 2019 Feb 25.
397	<i>Alloteropsis semialata</i> (Poaceae)	2019-02-20	Dunning LT, Olofsson JK, ..., Christin PA, Lateral transfers of large DNA fragments spread functional genes among grasses. Proc Natl Acad Sci U S A. 2019 Mar 5 116(10): 4416-4425. Epub 2019 Feb 20.
396	<i>Larix sibirica</i> (Pinaceae)	2019-02-05	Kuzmin DA, Feranchuk SI, ..., Krutovsky KV, Stepwise large genome assembly approach: a case of Siberian larch (Larix sibirica Ledeb). BMC Bioinformatics. 2019 Feb 5 20(Suppl 1): 37.
395	<i>Broussonetia papyrifera</i> (Moraceae)	2019-01-31	Peng X, Liu H, ..., Shen S, A Chromosome-Scale Genome Assembly of Paper Mulberry (Broussonetia papyrifera) Provides New Insights into Its Forage and Papermaking Usage. Mol Plant. 2019 May 6 12(5): 661-677. Epub 2019 Feb 26.
394	<i>Antirrhinum majus</i> (Plantaginaceae)	2019-01-28	Li M, Zhang D, ..., Xue Y, Genome structure and evolution of Antirrhinum majus L. Nat Plants. 2019 Feb 5(2): 174-183. Epub 2019 Jan 28.
393	<i>Chrysanthemum seticuspe</i> (Asteraceae)	2019-01-27	Hirakawa H, Sumitomo K, ..., Isobe SN, De novo whole-genome assembly in Chrysanthemum seticuspe, a model species of Chrysanthemums, and its application to genetic and gene discovery analysis. DNA Res. 2019 Jun 1 26(3): 195-203.
392	<i>Panicum miliaceum</i> (Poaceae)	2019-01-25	Zou C, Li L, ..., Zhang H, The genome of broomcorn millet. Nat Commun. 2019 Jan 25 10(1): 436.
391	<i>Malania oleifera</i> (Olacaceae)	2019-01-24	Xu CQ, Liu H, ..., Mao JF, Genome sequence of Malania oleifera, a tree with great value for nervonic acid production. Gigascience. 2019 Feb 1 8(2): giy164.
390	<i>Picocystis sp.</i> (Picocystaceae)	2019-01-24	Junkins EN, Stamps BW, ..., Stevenson BS, Draft Genome Sequence of Picocystis sp. Strain ML, Cultivated from Mono Lake, California. Microbiol Resour Announc. 2019 Jan 24 8(4): e01353-18. eCollection 2019 Jan.
389	<i>Cinnamomum kanehirae</i> (Lauraceae)	2019-01-09	Chaw SM, Liu YC, ..., Tsai IJ, Stout camphor tree genome fills gaps in understanding of flowering plant genome evolution. Nat Plants. 2019 Jan 5(1): 63-73. Epub 2019 Jan 9.
388	<i>Cucurbita argyrosperma</i> (Cucurbitaceae)	2019-01-07	Barrera-Redondo J, Ibarra-Laclette E, ..., Eguarte LE, The genome of Cucurbita argyrosperma (silver-seed gourd) reveals faster rates of protein-coding gene and long noncoding RNA turnover and neofunctionalization within Cucurbita. Mol Plant. 2019 Apr 1 12(4): 506-520. Epub 2019 Jan 8.
387	<i>Jaltomata sinuosa</i> (Solanaceae)	2019-01-04	Wu M, Kostyun JL, ..., Moyle LC, Genome sequence of Jaltomata addresses rapid reproductive trait evolution and enhances comparative genomics in the hyper-diverse Solanaceae. Genome Biol Evol. 2019 Feb 1 11(2): 335-349.

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386	<i>Ostrya chinensis</i> (<i>Betulaceae</i>)	2018-12-21	Yang Y, Ma T, ..., Liu J, Genomic effects of population collapse in a critically endangered ironwood tree <i>Ostrya rehderiana</i> . Nat Commun. 2018 Dec 21 9(1): 5449.
385	<i>Ostrya rehderiana</i> (<i>Betulaceae</i>)	2018-12-21	Yang Y, Ma T, ..., Liu J, Genomic effects of population collapse in a critically endangered ironwood tree <i>Ostrya rehderiana</i> . Nat Commun. 2018 Dec 21 9(1): 5449.
384	<i>Primula vulgaris</i> (<i>Primulaceae</i>)	2018-12-18	Cocker JM, Wright J, ..., Gilmartin PM, <i>Primula vulgaris</i> (primrose) genome assembly, annotation and gene expression, with comparative genomics on the heterostyly supergene. Sci Rep. 2018 Dec 18 8(1): 17942.
383	<i>Liriodendron chinense</i> (<i>Magnoliaceae</i>)	2018-12-17	Chen J, Hao Z, ..., Shi J, <i>Liriodendron</i> genome sheds light on angiosperm phylogeny and species-pair differentiation. Nat Plants. 2019 Jan 5(1): 18-25. Epub 2018 Dec 17.
382	<i>Dracaena cambodiana</i> (<i>Asparagaceae</i>)	2018-12-14	Ding X, Mei W, ..., Dai H, Genome survey sequencing for the characterization of genetic background of <i>Dracaena cambodiana</i> and its defense response during dragon's blood formation. PLoS One. 2018 Dec 14 13(12): e0209258. eCollection 2018.
381	<i>Faidherbia albida</i> (<i>Fabaceae</i>)	2018-12-07	Chang Y, Liu H, ..., Liu X, The draft genomes of five agriculturally important African orphan crops. Gigascience. 2019 Mar 1 8(3): gij152.
380	<i>Lablab purpureus</i> (<i>Fabaceae</i>)	2018-12-07	Chang Y, Liu H, ..., Liu X, The draft genomes of five agriculturally important African orphan crops. Gigascience. 2019 Mar 1 8(3): gij152.
379	<i>Sclerocarya birrea</i> (<i>Anacardiaceae</i>)	2018-12-07	Chang Y, Liu H, ..., Liu X, The draft genomes of five agriculturally important African orphan crops. Gigascience. 2019 Mar 1 8(3): gij152.
378	<i>Vigna subterranea</i> (<i>Fabaceae</i>)	2018-12-07	Chang Y, Liu H, ..., Liu X, The draft genomes of five agriculturally important African orphan crops. Gigascience. 2019 Mar 1 8(3): gij152.
377	<i>Panicum hallii</i> (<i>Poaceae</i>)	2018-12-06	Lovell JT, Jenkins J, ..., Juenger TE, The genomic landscape of molecular responses to natural drought stress in <i>Panicum hallii</i> . Nat Commun. 2018 Dec 6 9(1): 5213.
376	<i>Haematococcus pluvialis</i> (<i>Haematococcaceae</i>)	2018-11-29	Luo Q, Bian C, ..., Hu Z, Genome and Transcriptome Sequencing of the Astaxanthin-Producing Green Microalga, <i>Haematococcus pluvialis</i> . Genome Biol Evol. 2019 Jan 1 11(1): 166-173.
375	<i>Nicotiana knightiana</i> (<i>Solanaceae</i>)	2018-11-29	Sierro N, Battey JND, ..., Ivanov NV, The impact of genome evolution on the allotetraploid <i>Nicotiana rustica</i> - an intriguing story of enhanced alkaloid production. BMC Genomics. 2018 Nov 29 19(1): 855.
374	<i>Nicotiana paniculata</i> (<i>Solanaceae</i>)	2018-11-29	Sierro N, Battey JND, ..., Ivanov NV, The impact of genome evolution on the allotetraploid <i>Nicotiana rustica</i> - an intriguing story of enhanced alkaloid production. BMC Genomics. 2018 Nov 29 19(1): 855.
373	<i>Nicotiana rustica</i> (<i>Solanaceae</i>)	2018-11-29	Sierro N, Battey JND, ..., Ivanov NV, The impact of genome evolution on the allotetraploid <i>Nicotiana rustica</i> - an intriguing story of enhanced alkaloid production. BMC Genomics. 2018 Nov 29 19(1): 855.
372	<i>Nicotiana undulata</i> (<i>Solanaceae</i>)	2018-11-29	Sierro N, Battey JND, ..., Ivanov NV, The impact of genome evolution on the allotetraploid <i>Nicotiana rustica</i> - an intriguing story of enhanced alkaloid production. BMC Genomics. 2018 Nov 29 19(1): 855.
371	<i>Gossypium aridum</i> (<i>Malvaceae</i>)	2018-11-23	Grover CE, Arick MA 2nd, ..., Wendel JF, Insights into the Evolution of the New World Diploid Cottons (<i>Gossypium</i> , Subgenus <i>Houzingenia</i>) Based on Genome Sequencing. Genome Biol Evol. 2019 Jan 1 11(1): 53-71.
370	<i>Gossypium gossypoides</i> (<i>Malvaceae</i>)	2018-11-23	Grover CE, Arick MA 2nd, ..., Wendel JF, Insights into the Evolution of the New World Diploid Cottons (<i>Gossypium</i> , Subgenus <i>Houzingenia</i>) Based on Genome Sequencing. Genome Biol Evol. 2019 Jan 1 11(1): 53-71.
369	<i>Gossypium harknessii</i> (<i>Malvaceae</i>)	2018-11-23	Grover CE, Arick MA 2nd, ..., Wendel JF, Insights into the Evolution of the New World Diploid Cottons (<i>Gossypium</i> , Subgenus <i>Houzingenia</i>) Based on Genome Sequencing. Genome Biol Evol. 2019 Jan 1 11(1): 53-71.
368	<i>Gossypium klotzschianum</i> (<i>Malvaceae</i>)	2018-11-23	Grover CE, Arick MA 2nd, ..., Wendel JF, Insights into the Evolution of the New World Diploid Cottons (<i>Gossypium</i> , Subgenus <i>Houzingenia</i>) Based on Genome Sequencing. Genome Biol Evol. 2019 Jan 1 11(1): 53-71.
367	<i>Gossypium laxum</i> (<i>Malvaceae</i>)	2018-11-23	Grover CE, Arick MA 2nd, ..., Wendel JF, Insights into the Evolution of the New World Diploid Cottons (<i>Gossypium</i> , Subgenus <i>Houzingenia</i>) Based on Genome Sequencing. Genome Biol Evol. 2019 Jan 1 11(1): 53-71.
366	<i>Gossypium lobatum</i> (<i>Malvaceae</i>)	2018-11-23	Grover CE, Arick MA 2nd, ..., Wendel JF, Insights into the Evolution of the New World Diploid Cottons (<i>Gossypium</i> , Subgenus <i>Houzingenia</i>) Based on Genome Sequencing. Genome Biol Evol. 2019 Jan 1 11(1): 53-71.
365	<i>Gossypium schwendimanii</i> (<i>Malvaceae</i>)	2018-11-23	Grover CE, Arick MA 2nd, ..., Wendel JF, Insights into the Evolution of the New World Diploid Cottons (<i>Gossypium</i> , Subgenus <i>Houzingenia</i>) Based on Genome Sequencing. Genome Biol Evol. 2019 Jan 1 11(1): 53-71.
364	<i>Gossypium thurberi</i> (<i>Malvaceae</i>)	2018-11-23	Grover CE, Arick MA 2nd, ..., Wendel JF, Insights into the Evolution of the New World Diploid Cottons (<i>Gossypium</i> , Subgenus <i>Houzingenia</i>) Based on Genome Sequencing. Genome Biol Evol. 2019 Jan 1 11(1): 53-71.
363	<i>Gossypium trilobum</i> (<i>Malvaceae</i>)	2018-11-23	Grover CE, Arick MA 2nd, ..., Wendel JF, Insights into the Evolution of the New World Diploid Cottons (<i>Gossypium</i> , Subgenus <i>Houzingenia</i>) Based on Genome Sequencing. Genome Biol Evol. 2019 Jan 1 11(1): 53-71.
362	<i>Osmanthus fragrans</i> (<i>Oleaceae</i>)	2018-11-20	Yang X, Yue Y, ..., Wang L, The chromosome-level quality genome provides insights into the evolution of the biosynthesis genes for aroma compounds of <i>Osmanthus fragrans</i> . Hortic Res. 2018 Nov 20 5: 72. eCollection 2018.
361	<i>Andrographis paniculata</i> (<i>Acanthaceae</i>)	2018-11-16	Sun W, Leng L, ..., Chen S, The medicinal plant <i>Andrographis paniculata</i> genome provides insight into biosynthesis of the bioactive diterpenoid neoandrographolide. Plant J. 2019 Mar 97(5): 841-857. Epub 2019 Jan 2.
360	<i>Casuarina equisetifolia</i> (<i>Casuarinaceae</i>)	2018-11-14	Ye G, Zhang H, ..., Gu L, De novo genome assembly of the stress tolerant forest species <i>Casuarina equisetifolia</i> provides insight into secondary growth. Plant J. 2019 Feb 97(4): 779-794. Epub 2019 Jan 22.
359	<i>Scenedesmus quadricauda</i> (<i>Scenedesmaceae</i>)	2018-11-09	Nag Dasgupta C, Nayaka S, ..., Mohapatra A, Draft genome sequence and detailed characterization of biofuel production by oleaginous microalga <i>Scenedesmus quadricauda</i> LWG002611. Biotechnol Biofuels. 2018 Nov 9 11: 308. eCollection 2018.
358	<i>Ipomoea triloba</i> (<i>Convolvulaceae</i>)	2018-11-02	Wu S, Lau KH, ..., Fei Z, Genome sequences of two diploid wild relatives of cultivated sweetpotato reveal targets for genetic improvement. Nat Commun. 2018 Nov 2 9(1): 4580.
357	<i>Musa schizocarpa</i> (<i>Musaceae</i>)	2018-11-02	Belser C, Istace B, ..., Aury JM, Chromosome-scale assemblies of plant genomes using nanopore long reads and optical maps. Nat Plants. 2018 Nov 4(11): 879-887. Epub 2018 Nov 2.
356	<i>Populus tremula</i> (<i>Salicaceae</i>)	2018-10-29	Lin YC, Wang J, ..., Street NR, Functional and evolutionary genomic inferences in <i>Populus</i> through genome and population sequencing of American and European aspen Proc Natl Acad Sci U S A. 2018 Nov 13 115(46): E10970-E10978. Epub 2018 Oct 29.
355	<i>Populus tremuloides</i> (<i>Salicaceae</i>)	2018-10-29	Lin YC, Wang J, ..., Street NR, Functional and evolutionary genomic inferences in <i>Populus</i> through genome and population sequencing of American and European aspen Proc Natl Acad Sci U S A. 2018 Nov 13 115(46): E10970-E10978. Epub 2018 Oct 29.
354	<i>Linderniella brevidens</i> (<i>Linderniaceae</i>)	2018-10-25	VanBuren R, Man Wai C, ..., Bartels D, Desiccation tolerance evolved through gene duplication and network rewiring in <i>Lindernia</i> . Plant Cell. 2018 Dec 30(12): 2943-2958. Epub 2018 Oct 25.
353	<i>Vandellia subracemosa</i> (<i>Linderniaceae</i>)	2018-10-25	VanBuren R, Man Wai C, ..., Bartels D, Desiccation tolerance evolved through gene duplication and network rewiring in <i>Lindernia</i> . Plant Cell. 2018 Dec 30(12): 2943-2958. Epub 2018 Oct 25.
352	<i>Chrysanthemum nankingense</i> (<i>Asteraceae</i>)	2018-10-18	Song C, Liu Y, ..., Chen S, The <i>Chrysanthemum nankingense</i> Genome Provides Insights into the Evolution and Diversification of <i>Chrysanthemum</i> Flowers and Medicinal Traits. Mol Plant. 2018 Dec 3 11(12): 1482-1491. Epub 2018 Oct 18.
351	<i>Aquilegia coerulea</i> (<i>Ranunculaceae</i>)	2018-10-16	Filialt DL, Ballerini ES, ..., Nordborg M, The <i>Aquilegia</i> genome provides insight into adaptive radiation and reveals an extraordinarily polymorphic chromosome with a unique history. Elife. 2018 Oct 16 7: e36426.
350	<i>Gelsemium sempervirens</i> (<i>Gelsemiaceae</i>)	2018-10-09	Franke J, Kim J, ..., O'Connor SE, Gene Discovery in <i>Gelsemium</i> Highlights Conserved Gene Clusters in Monoterpene Indole Alkaloid Biosynthesis. Chembiochem. 2019 Jan 2 20(1): 83-87. Epub 2018 Nov 13.

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348	<i>Prototheca zopfii</i> (Chlorellaceae)	2018-10-02	Severgnini M, Lazzari B, ..., Cremonesi P, Genome sequencing of <i>Prototheca zopfii</i> genotypes 1 and 2 provides evidence of a severe reduction in organellar genomes. Sci Rep. 2018 Oct 2 8(1): 14637.
347	<i>Lavandula angustifolia</i> (Lamiaceae)	2018-09-29	Malli RPN, Adal AM, ..., Mahmoud SS, De novo sequencing of the <i>Lavandula angustifolia</i> genome reveals highly duplicated and optimized features for essential oil production. Planta. 2019 Jan 249(1): 251-256. Epub 2018 Sep 29.
346	<i>Ulva mutabilis</i> (Ulveaceae)	2018-09-24	De Clerck O, Kao SM, ..., Bothwell JH, Insights into the Evolution of Multicellularity from the Sea Lettuce Genome. Curr Biol. 2018 Sep 24 28(18): 2921-2933.e5. Epub 2018 Sep 13.
345	<i>Prunus x yedoensis</i> (Rosaceae)	2018-09-04	Baek S, Choi K, ..., Mun JH, Draft genome sequence of wild <i>Prunus yedoensis</i> reveals massive inter-specific hybridization between sympatric flowering cherries. Genome Biol. 2018 Sep 4 19(1): 127.
344	<i>Picochlorum costavermella</i> (C. incertae sedis)	2018-09-01	Krasovec M, Vancaester E, ..., Piganeau G, Genome Analyses of the Microalga <i>Picochlorum</i> Provide Insights into the Evolution of Thermotolerance in the Green Lineage. Genome Biol Evol. 2018 Sep 1 10(9): 2347-2365.
343	<i>Papaver somniferum</i> (Papaveraceae)	2018-08-30	Guo L, Winzer T, ..., Ye K, The opium poppy genome and morphinan production. Science. 2018 Oct 19 362(6412): 343-347. Epub 2018 Aug 30.
342	<i>Vernicia fordii</i> (Euphorbiaceae)	2018-08-21	Cui P, Lin Q, ..., Lu S, Tung tree (<i>Vernicia fordii</i> , Hemsl.) genome and transcriptome sequencing reveals coordinate upregulation of fatty acid beta-oxidation and triacylglycerol biosynthesis pathways during eleostearic acid accumulation in seeds. Plant Cell Physiol. 2018 Oct 1 59(10): 1990-2003.
341	<i>Calamus simplicifolius</i> (Arecaceae)	2018-08-07	Zhao H, Wang S, ..., Jiang Z, The chromosome-level genome assemblies of two rattans (<i>Calamus simplicifolius</i> and <i>Daemonorops jenkinsiana</i>) Gigascience. 2018 Sep 1 7(9): giy097.
340	<i>Daemonorops jenkinsiana</i> (Arecaceae)	2018-08-07	Zhao H, Wang S, ..., Jiang Z, The chromosome-level genome assemblies of two rattans (<i>Calamus simplicifolius</i> and <i>Daemonorops jenkinsiana</i>) Gigascience. 2018 Sep 1 7(9): giy097.
339	<i>Populus alba</i> (Salicaceae)	2018-07-25	Ma J, Wan D, ..., Ma T, Genome sequence and genetic transformation of a widely distributed and cultivated poplar Plant Biotechnol J. 2019 Feb 17(2): 451-460. Epub 2018 Oct 24.
338	<i>Alnus glutinosa</i> (Betulaceae)	2018-07-13	Griesmann M, Chang Y, ..., Cheng S, Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science. 2018 Jul 13 361(6398): eaat1743. Epub 2018 May 24.
337	<i>Begonia fuchsioides</i> (Begoniaceae)	2018-07-13	Griesmann M, Chang Y, ..., Cheng S, Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science. 2018 Jul 13 361(6398): eaat1743. Epub 2018 May 24.
336	<i>Casuarina glauca</i> (Casuarinaceae)	2018-07-13	Griesmann M, Chang Y, ..., Cheng S, Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science. 2018 Jul 13 361(6398): eaat1743. Epub 2018 May 24.
335	<i>Cercis canadensis</i> (Fabaceae)	2018-07-13	Griesmann M, Chang Y, ..., Cheng S, Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science. 2018 Jul 13 361(6398): eaat1743. Epub 2018 May 24.
334	<i>Chamaecrista fasciculata</i> (Fabaceae)	2018-07-13	Griesmann M, Chang Y, ..., Cheng S, Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science. 2018 Jul 13 361(6398): eaat1743. Epub 2018 May 24.
333	<i>Datisca glomerata</i> (Datisceae)	2018-07-13	Griesmann M, Chang Y, ..., Cheng S, Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science. 2018 Jul 13 361(6398): eaat1743. Epub 2018 May 24.
332	<i>Dryas drummondii</i> (Rosaceae)	2018-07-13	Griesmann M, Chang Y, ..., Cheng S, Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science. 2018 Jul 13 361(6398): eaat1743. Epub 2018 May 24.
331	<i>Mimosa pudica</i> (Fabaceae)	2018-07-13	Griesmann M, Chang Y, ..., Cheng S, Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science. 2018 Jul 13 361(6398): eaat1743. Epub 2018 May 24.
330	<i>Nissolia schottii</i> (Fabaceae)	2018-07-13	Griesmann M, Chang Y, ..., Cheng S, Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science. 2018 Jul 13 361(6398): eaat1743. Epub 2018 May 24.
329	<i>Ochetophila trinervis</i> (Rhannaceae)	2018-07-13	Griesmann M, Chang Y, ..., Cheng S, Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science. 2018 Jul 13 361(6398): eaat1743. Epub 2018 May 24.
328	<i>Chara braunii</i> (Characeae)	2018-07-12	Nishiyama T, Sakayama H, ..., Rensing SA, The Chara Genome: Secondary Complexity and Implications for Plant Terrestrialization. Cell. 2018 Jul 12 174(2): 448-464.e24.
327	<i>Cuscuta australis</i> (Convolvulaceae)	2018-07-11	Sun G, Xu Y, ..., Wu J, Large-scale gene losses underlie the genome evolution of parasitic plant <i>Cuscuta australis</i> . Nat Commun. 2018 Jul 11 9(1): 2683.
326	<i>Myrica rubra</i> (Myricaceae)	2018-07-10	Jia HM, Jia HJ, ..., Gao ZS, The red bayberry genome and genetic basis of sex determination Plant Biotechnol J. 2019 Feb 17(2): 397-409. Epub 2018 Aug 10.
325	<i>Saccharum x sp.</i> (Poaceae)	2018-07-06	Garsmeur O, Droc G, ..., D'Hont A, A mosaic monoploid reference sequence for the highly complex genome of sugarcane. Nat Commun. 2018 Jul 6 9(1): 2638.
324	<i>Azolla filiculoides</i> (Salvinaceae)	2018-07-02	Li FW, Brouwer P, ..., Pryer KM, Fern genomes elucidate land plant evolution and cyanobacterial symbioses. Nat Plants. 2018 Jul 4(7): 460-472. Epub 2018 Jul 2.
323	<i>Salvinia cucullata</i> (Salvinaceae)	2018-07-02	Li FW, Brouwer P, ..., Pryer KM, Fern genomes elucidate land plant evolution and cyanobacterial symbioses. Nat Plants. 2018 Jul 4(7): 460-472. Epub 2018 Jul 2.
322	<i>Oryza granulata</i> (Poaceae)	2018-06-29	Wu Z, Fang D, ..., Luo Q, De novo genome assembly of <i>Oryza granulata</i> reveals rapid genome expansion and adaptive evolution. Commun Biol. 2018 Jun 29 1: 84. eCollection 2018.
321	<i>Cuscuta campestris</i> (Convolvulaceae)	2018-06-28	Vogel A, Schwacke R, ..., Krause K, Footprints of parasitism in the genome of the parasitic flowering plant <i>Cuscuta campestris</i> . Nat Commun. 2018 Jun 28 9(1): 2515.
320	<i>Salvia splendens</i> (Lamiaceae)	2018-06-19	Dong AX, Xin HB, ..., Mao JF, High quality assembly of the reference genome for scarlet sage, <i>Salvia splendens</i> , an economically important ornamental plant. Gigascience. 2018 Jul 1 7(7): giy068.
319	<i>Ammopiptanthus nanus</i> (Fabaceae)	2018-06-18	Gao F, Wang X, ..., Zhou Y, Long-read sequencing and de novo genome assembly of <i>Ammopiptanthus nanus</i> , a desert shrub. Gigascience. 2018 Jul 1 7(7): giy074.
318	<i>Quercus robur</i> (Fagaceae)	2018-06-18	Plomion C, Aury JM, ..., Salse J, Oak genome reveals facets of long lifespan. Nat Plants. 2018 Jul 4(7): 440-452. Epub 2018 Jun 18.
317	<i>Citrus reticulata</i> (Rutaceae)	2018-06-06	Wang L, He F, ..., Xu Q, Genome of wild mandarin and domestication history of mandarin Mol Plant. 2018 Aug 6 11(8): 1024-1037. Epub 2018 Jun 6.
316	<i>Arachis monticola</i> (Fabaceae)	2018-06-01	Yin D, Ji C, ..., Zhang J, Genome of an allotetraploid wild peanut <i>Arachis monticola</i> : a de novo assembly. Gigascience. 2018 Jun 1 7(6): giy066.
315	<i>Fagus sylvatica</i> (Fagaceae)	2018-05-28	Mishra B, Gupta DK, ..., Thines M, A reference genome of the European Beech (<i>Fagus sylvatica</i> L.) Gigascience. 2018 Jun 1 7(6): giy063.
314	<i>Tectona grandis</i> (Lamiaceae)	2018-05-24	Yasodha R, Vasudeva R, ..., Dev SA, Draft genome of a high value tropical timber tree, Teak (<i>Tectona grandis</i> L. f.): insights into SSR diversity, phylogeny and conservation. DNA Res. 2018 Aug 1 25(4): 409-419.

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312	<i>Juglans hindsii</i> (Juglandaceae)	2018-05-23	Stevens KA, Woeste K, ..., Langley CH, Genomic Variation Among and Within Six Juglans Species. G3 (Bethesda). 2018 Jul 2 8(7): 2153-2165.
311	<i>Juglans microcarpa</i> (Juglandaceae)	2018-05-23	Stevens KA, Woeste K, ..., Langley CH, Genomic Variation Among and Within Six Juglans Species. G3 (Bethesda). 2018 Jul 2 8(7): 2153-2165.
310	<i>Juglans nigra</i> (Juglandaceae)	2018-05-23	Stevens KA, Woeste K, ..., Langley CH, Genomic Variation Among and Within Six Juglans Species. G3 (Bethesda). 2018 Jul 2 8(7): 2153-2165.
309	<i>Juglans sigillata</i> (Juglandaceae)	2018-05-23	Stevens KA, Woeste K, ..., Langley CH, Genomic Variation Among and Within Six Juglans Species. G3 (Bethesda). 2018 Jul 2 8(7): 2153-2165.
308	<i>Pterocarya stenoptera</i> (Juglandaceae)	2018-05-23	Stevens KA, Woeste K, ..., Langley CH, Genomic Variation Among and Within Six Juglans Species. G3 (Bethesda). 2018 Jul 2 8(7): 2153-2165.
307	<i>Raphidocelis subcapitata</i> (Selenastraceae)	2018-05-23	Suzuki S, Yamaguchi H, ..., Kawachi M, Raphidocelis subcapitata (=Pseudokirchneriella subcapitata) provides an insight into genome evolution and environmental adaptations in the Sphaeropleales. Sci Rep. 2018 May 23 8(1): 8058.
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305	<i>Selaginella tamariscina</i> (Selaginellaceae)	2018-05-16	Xu Z, Xin T, ..., Chen S, Genome analysis of the ancient tracheophyte Selaginella tamariscina reveals evolutionary features relevant to the acquisition of desiccation tolerance. Mol Plant. 2018 Jul 2 11(7): 983-994. Epub 2018 May 17.
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303	<i>Parasponia andersonii</i> (Cannabaceae)	2018-05-01	van Velzen R, Holmer R, ..., Geurts R, Comparative genomics of the nonlegume Parasponia reveals insights into evolution of nitrogen-fixing rhizobium symbioses. Proc Natl Acad Sci U S A. 2018 May 15 115(20): E4700-E4709. Epub 2018 May 1.
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298	<i>Gracilariopsis chorda</i> (Gracilariaceae)	2018-04-23	Lee J, Yang EC, ..., Yoon HS, Analysis of the draft genome of the red seaweed Gracilariopsis chorda provides insights into genome size evolution in Rhodophyta. Mol Biol Evol. 2018 Aug 1 35(8): 1869-1886.
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292	<i>Yamagishiella unicocca</i> (Volvocaceae)	2018-03-08	Hamaji T, Kawai-Toyooka H, ..., Nozaki H, Anisogamy evolved with a reduced sex-determining region in volvocine green algae. Commun Biol. 2018 Mar 8 1: 17. eCollection 2018.
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277	<i>Oryza coarctata</i> (<i>Poaceae</i>)	2017-12-15	Mondal TK, Rawal HC, ..., Singh NK, First de novo draft genome sequence of <i>Oryza coarctata</i> , the only halophytic species in the genus <i>Oryza</i> . F1000Res. 2017 Sep 25 6: 1750. eCollection 2017.
276	<i>Handroanthus impetiginosus</i> (<i>Bignoniaceae</i>)	2017-12-13	Silva-Junior OB, Grattapaglia D, ..., Collevatti RG, Genome assembly of the Pink Ipe (<i>Handroanthus impetiginosus</i> , Bignoniaceae), a highly-valued ecologically keystone Neotropical timber forest tree Gigascience. 2018 Jan 1 7(1): 1-16.
275	<i>Calotropis gigantea</i> (<i>Apocynaceae</i>)	2017-12-12	Hoopes GM, Hamilton JP, ..., Buell CR, Genome Assembly and Annotation of the Medicinal Plant <i>Calotropis gigantea</i> , a Producer of Anti-Cancer and Anti-Malarial Cardenolides G3 (Bethesda). 2018 Feb 2 8(2): 385-391.
274	<i>Eucommia ulmoides</i> (<i>Eucommiaceae</i>)	2017-12-08	Wuyun TN, Wang L, ..., Du H, The hardy rubber tree genome provides insights into the evolution of polyisoprene biosynthesis. Mol Plant. 2018 Mar 5 11(3): 429-442. Epub 2017 Dec 9.
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271	<i>Chlorella sorokiniana</i> (<i>Chlorellaceae</i>)	2017-11-27	Arriola MB, Velmurugan N, ..., Barney BM, Genome Sequences of <i>Chlorella sorokiniana</i> UTEX 1602 and <i>Micractinium conductrix</i> SAG 241.80: Implications to Maltose Excretion by a Green Alga Plant J. 2018 Feb 93(3): 566-586. Epub 2018 Jan 10.
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269	<i>Boehmeria nivea</i> (<i>Urticaceae</i>)	2017-11-15	Liu C, Zeng L, ..., Liu T, Draft genome analysis provides insights into the fiber yield, crude protein biosynthesis, and vegetative growth of domesticated ramie (<i>Boehmeria nivea</i> L. Gaud) DNA Res. 2018 Apr 1 25(2): 173-181.
268	<i>Cucurbita pepo</i> (<i>Cucurbitaceae</i>)	2017-11-07	Montero-Pau J, Blanca J, ..., Canizares J, De novo assembly of the zucchini genome reveals a whole genome duplication associated with the origin of the <i>Cucurbita</i> genus. Plant Biotechnol J. 2018 Jun 16(6): 1161-1171. Epub 2017 Dec 4.
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266	<i>Capsicum baccatum</i> (<i>Solanaceae</i>)	2017-11-01	Kim S, Park J, ..., Choi D, New reference genome sequences of hot pepper reveal the massive evolution of plant disease-resistance genes by retroduplication Genome Biol. 2017 Nov 1 18(1): 210.
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264	<i>Dunaliella salina</i> (<i>Dunaliellaceae</i>)	2017-10-26	Polle JE, Barry K, ..., Magnuson J, Draft Nuclear Genome Sequence of the Halophilic and Beta-Carotene-Accumulating Green Alga <i>Dunaliella salina</i> Strain CCAP19/18. Genome Announc. 2017 Oct 26 5(43): e01105-17.
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254	<i>Cenchrus americanus</i> (<i>Poaceae</i>)	2017-09-18	Varshney RK, ..., Xu X, Pearl millet genome sequence provides a resource to improve agronomic traits in arid environments. Nat Biotechnol. 2017 Oct 35(10):969-976. Epub 2017 Sep 18.
253	<i>Apostasia shenzhenica</i> (<i>Orchidaceae</i>)	2017-09-13	Zhang GQ, Liu KW, ..., Liu ZJ, The <i>Apostasia</i> genome and the evolution of orchids Nature. 2017 Sep 21 549(7672): 379-383. Epub 2017 Sep 13.
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246	<i>Rhododendron delavayi</i> (<i>Ericaceae</i>)	2017-08-26	Zhang L, Xu P, ..., Wang J, The draft genome assembly of <i>Rhododendron delavayi</i> Franch. var. <i>delavayi</i> Gigascience. 2017 Oct 1 6(10): 1-11.
245	<i>Taraxacum kok-saghyz</i> (<i>Asteraceae</i>)	2017-08-25	Lin T, ..., Li J, Genome analysis of <i>Taraxacum kok-saghyz</i> Rodin provides new insights into rubber biosynthesis National Science Review. nwx101
244	<i>Ipomoea batatas</i> (<i>Convolvulaceae</i>)	2017-08-21	Yang J, Moinezhadeh MH, ..., Vingron M, Haplotype-resolved sweet potato genome traces back its hexaploidization history. Nat Plants. 2017 Sep 3(9): 696-703. Epub 2017 Aug 21.
243	<i>Erythranthe luteus</i> (<i>Phrymaceae</i>)	2017-08-16	Edger PP, Smith R, ..., Puzey JR, Subgenome Dominance in an Interspecific Hybrid, Synthetic Allopolyploid, and a 140-Year-Old Naturally Established Neo-Allopolyploid Monkeyflower. Plant Cell. 2017 Sep 29(9): 2150-2167. Epub 2017 Aug 16.

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224	<i>Botryococcus braunii</i> (Botryococcaceae)	2017-04-20	Browne DR, Jenkins J, ..., Devarenne TP, Draft Nuclear Genome Sequence of the Liquid Hydrocarbon-Accumulating Green Microalga <i>Botryococcus braunii</i> Race B (Showa) Genome Announc. 2017 Apr 20 5(16): e00215-17.
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221	<i>Atalantia buxifolia</i> (Rutaceae)	2017-04-10	Wang X, Xu Y, ..., Xu Q, Genomic analyses of primitive, wild and cultivated citrus provide insights into asexual reproduction Nat Genet. 2017 May 49(5): 765-772. Epub 2017 Apr 10.
220	<i>Citrus cavaleriei</i> (Rutaceae)	2017-04-10	Wang X, Xu Y, ..., Xu Q, Genomic analyses of primitive, wild and cultivated citrus provide insights into asexual reproduction Nat Genet. 2017 May 49(5): 765-772. Epub 2017 Apr 10.
219	<i>Citrus maxima</i> (Rutaceae)	2017-04-10	Wang X, Xu Y, ..., Xu Q, Genomic analyses of primitive, wild and cultivated citrus provide insights into asexual reproduction Nat Genet. 2017 May 49(5): 765-772. Epub 2017 Apr 10.
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215	<i>Dimocarpus longan</i> (Sapindaceae)	2017-03-28	Lin Y, Min J, ..., Lai Z, Genome-wide sequencing of longan (<i>Dimocarpus longan</i> Lour.) provides insights into molecular basis of its polyphenol-rich characteristics Gigascience. 2017 May 1 6(5): 1-14.
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210	<i>Cephalotus follicularis</i> (Cephalotaceae)	2017-02-06	Fukushima K, Fang X, ..., Hasebe M, Genome of the pitcher plant <i>Cephalotus</i> reveals genetic changes associated with carnivory Nat Ecol Evol. 2017 Feb 6 1(3): 59.
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208	<i>Corchorus olitorius</i> (Malvaceae)	2017-01-30	Islam MS, Saito JA, ..., Alam M, Comparative genomics of two jute species and insight into fibre biogenesis. Nat Plants. 2017 Jan 30 3: 16223.
207	<i>Ruellia speciosa</i> (Acanthaceae)	2017-01-27	Zhuang Y and Tripp EA, The draft genome of <i>Ruellia speciosa</i> (Beautiful Wild Petunia: Acanthaceae). DNA Res. 2017 Apr 1 24(2): 179-192.

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203	<i>Momordica charantia</i> (Cucurbitaceae)	2016-12-27	Urasaki N, Takagi H, ..., Matsumura H, Draft genome sequence of bitter melon (<i>Momordica charantia</i>), a vegetable and medicinal plant in tropical and subtropical regions. DNA Res. 2017 Feb 1 24(1): 51-58.
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196	<i>Ipomoea nil</i> (Convolvulaceae)	2016-11-08	Hoshino A, Jayakumar V, ..., Sakakibara Y, Genome sequence and analysis of the Japanese morning glory <i>Ipomoea nil</i> Nat Commun. 2016 Nov 8 7: 13295.
195	<i>Siralta grosvenorii</i> (Cucurbitaceae)	2016-11-07	Itkin M, Davidovich-Rikanati R, ..., Schaffer A, The biosynthetic pathway of the nonsugar, high-intensity sweetener mogrosidin V from <i>Siralta grosvenorii</i> . Proc Natl Acad Sci U S A. 2016 Nov 22 113(47): E7619-E7628. Epub 2016 Nov 7.
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167	<i>Zoysia matrella</i> (Poaceae)	2016-03-14	Tanaka H, Hirakawa H, ..., Sato S, Sequencing and comparative analyses of the genomes of Zoysiagrasses DNA Res. 2016 Apr 23(2): 171-80. Epub 2016 Mar 14.
166	<i>Zoysia pacifica</i> (Poaceae)	2016-03-14	Tanaka H, Hirakawa H, ..., Sato S, Sequencing and comparative analyses of the genomes of Zoysiagrasses DNA Res. 2016 Apr 23(2): 171-80. Epub 2016 Mar 14.
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146	<i>Picea glauca</i> (Pinaceae)	2015-05-28	Warren RL, Keeling CI, ..., Bohlmann J, Improved white spruce (<i>Picea glauca</i>) genome assemblies and annotation of large gene families of conifer terpenoid and phenolic defense metabolism. Plant J. 2015 Jul 83(2): 189-212. Epub 2015 Jun 19.
145	<i>Dorcoceas hygrometrica</i> (Gesneriaceae)	2015-04-20	Xiao L, Yang G, ..., He Y, The resurrection genome of <i>Boea hygrometrica</i> : A blueprint for survival of dehydration Proc Natl Acad Sci U S A. 2015 May 5 112(18): 5833-7. Epub 2015 Apr 20.
144	<i>Gossypium hirsutum</i> (Malvaceae)	2015-04-20	Li F, Fan G, ..., Yu S, Genome sequence of cultivated Upland cotton (<i>Gossypium hirsutum</i> TM-1) provides insights into genome evolution. Nat Biotechnol. 2015 May 33(5): 524-30. Epub 2015 Apr 20.
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142	<i>Catharanthus roseus</i> (Apocynaceae)	2015-04-11	Kellner F, Kim J, ..., O'Connor SE, Genome-guided investigation of plant natural product biosynthesis. Plant J. 2015 May 82(4): 680-92. Epub 2015 Apr 11.
141	<i>Ipomoea trifida</i> (Convolvulaceae)	2015-03-24	Hirakawa H, Okada Y, ..., Isobe SN, Survey of genome sequences in a wild sweet potato, <i>Ipomoea trifida</i> (H. B. K.) G. Don. DNA Res. 2015 Apr 22(2): 171-9. Epub 2015 Mar 24.
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137	<i>Thlaspi arvense</i> (Brassicaceae)	2015-01-27	Dorn KM, Fankhauser JD, ..., Marks MD, A draft genome of field pennycress (<i>Thlaspi arvense</i>) provides tools for the domestication of a new winter biofuel crop. DNA Res. 2015 Apr 22(2): 121-31. Epub 2015 Jan 27.
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134	<i>Phalaenopsis equestris</i> (<i>Orchidaceae</i>)	2014-11-24	Cai J, Liu X, ..., Liu ZJ, The genome sequence of the orchid <i>Phalaenopsis equestris</i> Nat Genet. 2015 Jan 47(1): 65-72. Epub 2014 Nov 24.
133	<i>Humulus lupulus</i> (<i>Cannabaceae</i>)	2014-11-20	Natsume S, Takagi H, ..., Ono E, The Draft Genome of Hop (<i>Humulus lupulus</i>), an Essence for Brewing. Plant Cell Physiol. 2015 Mar 56(3): 428-41. Epub 2014 Nov 20.
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126	<i>Ziziphus jujuba</i> (<i>Rhamnaceae</i>)	2014-10-28	Liu MJ, Zhao J, ..., Luo LH, The complex jujube genome provides insights into fruit tree biology. Nat Commun. 2014 Oct 28 5: 5315.
125	<i>Solanum melongena</i> (<i>Solanaceae</i>)	2014-09-18	Hirakawa H, Shirasawa K, ..., Fukuoka H, Draft Genome Sequence of Eggplant (<i>Solanum melongena</i> L.): the Representative <i>Solanum</i> Species Indigenous to the Old World DNA Res. 2014 Dec 21(6): 649-60. Epub 2014 Sep 18.
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29	<i>Solanum tuberosum</i> (Solanaceae)	2011-07-10	Xu X, Pan S, ... Visser RG, Genome sequence and analysis of the tuber crop potato. Nature. 2011 Jul 10 475(7355): 189-95.
28	<i>Phoenix dactylifera</i> (Arecaceae)	2011-05-29	Al-Dous EK, George B, ... Malek JA, De novo genome sequencing and comparative genomics of date palm (<i>Phoenix dactylifera</i>). Nat Biotechnol. 2011 May 29 29(6): 521-7.
27	<i>Selaginella moellendorffii</i> (Selaginellaceae)	2011-05-05	Banks JA, Nishiyama T, ... Grigoriev IV, The <i>Selaginella</i> genome identifies genetic changes associated with the evolution of vascular plants. Science. 2011 May 20 332(6032): 960-3. Epub 2011 May 5.
26	<i>Arabidopsis lyrata</i> (Brassicaceae)	2011-04-10	Hu TT, Pattyn P, ... Guo YL, The <i>Arabidopsis lyrata</i> genome sequence and the basis of rapid genome size change. Nat Genet. 2011 May 43(5): 476-81. Epub 2011 Apr 10.

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25	<i>Fragaria vesca</i> (Rosaceae)	2010-12-26	Shulaev V, Sargent DJ, ..., Folta KM, The genome of woodland strawberry (<i>Fragaria vesca</i>). Nat Genet. 2011 Feb 43(2): 109-16. Epub 2010 Dec 26.
24	<i>Theobroma cacao</i> (Malvaceae)	2010-12-26	Argout X, Salse J, ..., Lanaud C, The genome of <i>Theobroma cacao</i> . Nat Genet. 2011 Feb 43(2): 101-8. Epub 2010 Dec 26.
23	<i>Jatropha curcas</i> (Euphorbiaceae)	2010-12-13	Sato S, Hirakawa H, ..., Fukui K, Sequence analysis of the genome of an oil-bearing tree, <i>Jatropha curcas</i> L. DNA Res. 2011 Feb 18(1): 65-76. Epub 2010 Dec 13.
22	<i>Chlorella variabilis</i> (Chlorellaceae)	2010-09-17	Blanc G, Duncan G, ..., Etten JL, The <i>Chlorella variabilis</i> NC64A genome reveals adaptation to photosymbiosis, coevolution with viruses, and cryptic sex. Plant Cell. 2010 Sep 22(9): 2943-55. Epub 2010 Sep 17.
21	<i>Malus domestica</i> (Rosaceae)	2010-08-29	Velasco R, ..., Viola R, The genome of the domesticated apple (<i>Malus x domestica</i> Borkh.). Nat Genet. 2010 Oct 42(10):833-9. Epub 2010 Aug 29.
20	<i>Ricinus communis</i> (Euphorbiaceae)	2010-08-22	Chan AP, Crabtree J, ..., Rabinowicz PD, Draft genome sequence of the oilseed species <i>Ricinus communis</i> . Nat Biotechnol. 2010 Sep 28(9): 951-6. Epub 2010 Aug 22.
19	<i>Volvox carteri</i> (Volvocaceae)	2010-07-09	Prochnik SE, Umen J, ..., Rokhsar DS, Genomic analysis of organismal complexity in the multicellular green alga <i>Volvox carteri</i> . Science. 2010 Jul 9 329(5988): 223-6.
18	<i>Brachypodium distachyon</i> (Poaceae)	2010-02-11	International Brachypodium Initiative, Genome sequencing and analysis of the model grass <i>Brachypodium distachyon</i> . Nature. 2010 Feb 11 463(7282):763-8.
17	<i>Glycine max</i> (Fabaceae)	2010-01-14	Schmutz J, Cannon SB, ..., Jackson SA, Genome sequence of the palaeopolyploid soybean. Nature. 2010 Jan 14 463(7278): 178-83.
16	<i>Zea mays</i> (Poaceae)	2009-11-20	Schnable PS, Ware D, ..., Wilson RK, The B73 maize genome: complexity, diversity, and dynamics. Science. 2009 Nov 20 326(5956): 1112-5.
15	<i>Cucumis sativus</i> (Cucurbitaceae)	2009-11-01	Huang S, Li R, ..., Li S, The genome of the cucumber, <i>Cucumis sativus</i> L. Nat Genet. 2009 Dec 41(12): 1275-81. Epub 2009 Nov 1.
14	<i>Micromonas commoda</i> (Mamiellaceae)	2009-04-10	Worden AZ, Lee JH, ..., Grigoriev IV, Green evolution and dynamic adaptations revealed by genomes of the marine picoeukaryotes <i>Micromonas</i> . Science. 2009 Apr 10 324(5924): 268-72.
13	<i>Micromonas pusilla</i> (Mamiellaceae)	2009-04-10	Worden AZ, Lee JH, ..., Grigoriev IV, Green evolution and dynamic adaptations revealed by genomes of the marine picoeukaryotes <i>Micromonas</i> . Science. 2009 Apr 10 324(5924): 268-72.
12	<i>Sorghum bicolor</i> (Poaceae)	2009-01-29	Paterson AH, Bowers JE, ..., Rokhsar DS, The <i>Sorghum bicolor</i> genome and the diversification of grasses. Nature. 2009 Jan 29 457(7229): 551-6.
11	<i>Lotus japonicus</i> (Fabaceae)	2008-05-28	Sato S, Nakamura Y, ..., Tabata S, Genome structure of the legume, <i>Lotus japonicus</i> . DNA Res. 2008 Aug 15(4): 227-39. Epub 2008 May 28.
10	<i>Carica papaya</i> (Caricaceae)	2008-04-24	Ming R, Hou S, ..., Alam M, The draft genome of the transgenic tropical fruit tree papaya (<i>Carica papaya</i> Linnaeus). Nature. 2008 Apr 24 452(7190): 991-6.
9	<i>Physcomitrium patens</i> (Funariaceae)	2007-12-13	Rensing SA, Lang D, ..., Boore JL, The <i>Physcomitrella</i> genome reveals evolutionary insights into the conquest of land by plants. Science. 2008 Jan 4 319(5859): 64-9. Epub 2007 Dec 13.
8	<i>Chlamydomonas reinhardtii</i> (Chlamydomonadaceae)	2007-10-12	Merchant SS, Prochnik SE, ..., Grossman AR, The <i>Chlamydomonas</i> genome reveals the evolution of key animal and plant functions. Science. 2007 Oct 12 318(5848): 245-50.
7	<i>Vitis vinifera</i> (Vitaceae)	2007-08-26	Jaillon O, Aury JM, ..., Wincker P, The grapevine genome sequence suggests ancestral hexaploidization in major angiosperm phyla. Nature. 2007 Sep 27 449(7161): 463-7. Epub 2007 Aug 26.
6	<i>Ostreococcus lucimarinus</i> (Bathycoccaceae)	2007-04-25	Palenik B, Grimwood J, ..., Grigoriev IV, The tiny eukaryote <i>Ostreococcus</i> provides genomic insights into the paradox of plankton speciation. Proc Natl Acad Sci U S A. 2007 May 1 104(18): 7705-10. Epub 2007 Apr 25.
5	<i>Populus trichocarpa</i> (Salicaceae)	2006-09-15	Tuskan GA, Difazio S, ..., Rokhsar D, The genome of black cottonwood, <i>Populus trichocarpa</i> (Torr. & Gray). Science. 2006 Sep 15 313(5793): 1596-604.
4	<i>Ostreococcus tauri</i> (Bathycoccaceae)	2006-07-25	Derelle E, Ferraz C, ..., Moreau H, Genome analysis of the smallest free-living eukaryote <i>Ostreococcus tauri</i> unveils many unique features. Proc Natl Acad Sci U S A. 2006 Aug 1 103(31): 11647-52. Epub 2006 Jul 25.
3	<i>Cyanidioschyzon merolae</i> (Cyanidioschyzonaceae)	2004-04-08	Matsuzaki M, Misumi O, ..., Kuroiwa T, Genome sequence of the ultrasmall unicellular red alga <i>Cyanidioschyzon merolae</i> 10D. Nature. 2004 Apr 8 428(6983): 653-7.
2	<i>Oryza sativa</i> (Poaceae)	2002-04-05	Goff SA, Ricke D, ..., Briggs S, A draft sequence of the rice genome (<i>Oryza sativa</i> L. ssp. <i>japonica</i>). Science. 2002 Apr 5 296(5565): 92-100.
1	<i>Arabidopsis thaliana</i> (Brassicaceae)	2000-12-14	Arabidopsis Genome Initiative, Analysis of the genome sequence of the flowering plant <i>Arabidopsis thaliana</i> . Nature. 2000 Dec 14 408(6814):796-815.