

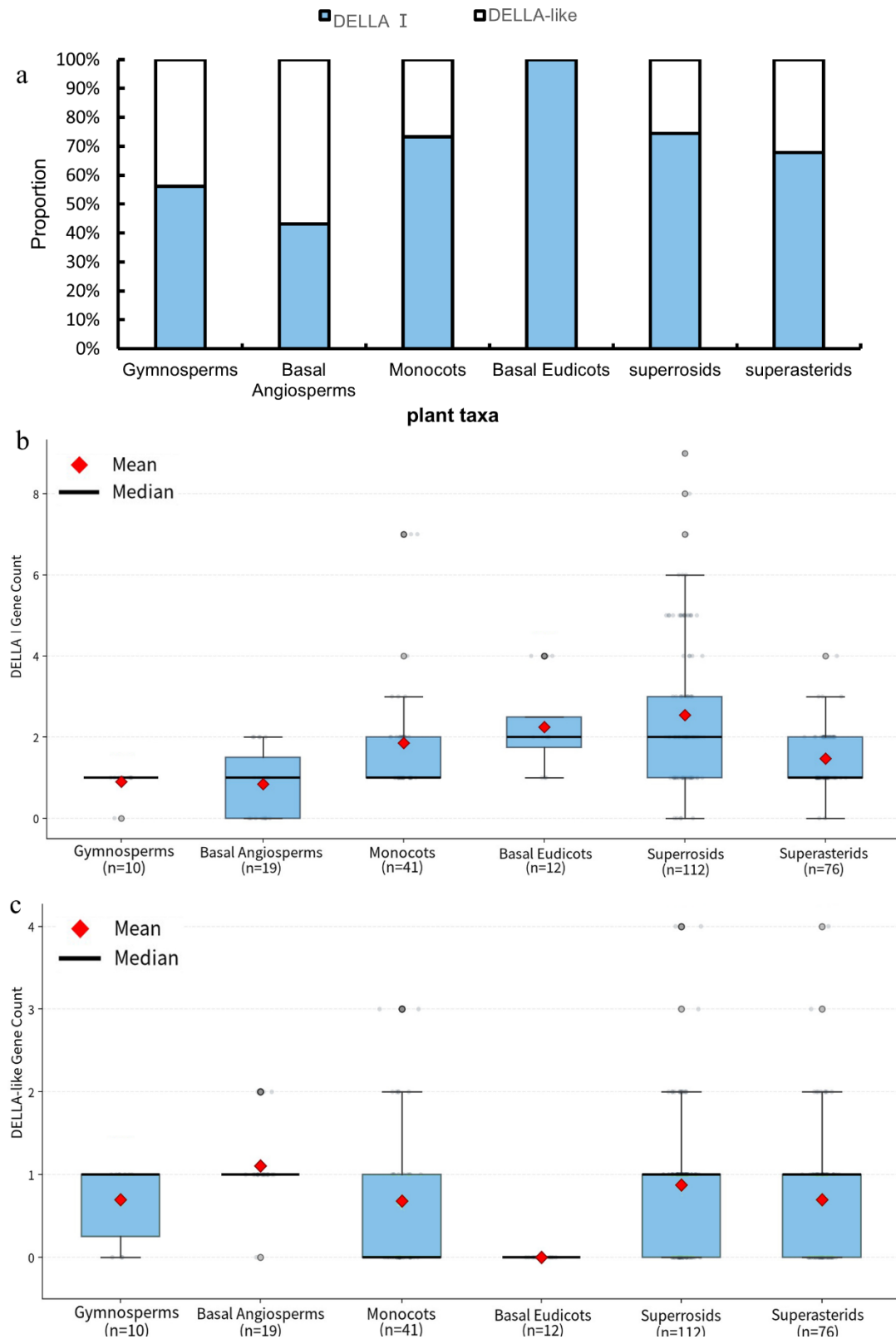


Figure s1. Numbers of DELLA I and DELLA-like proteins in different seed plant groups.

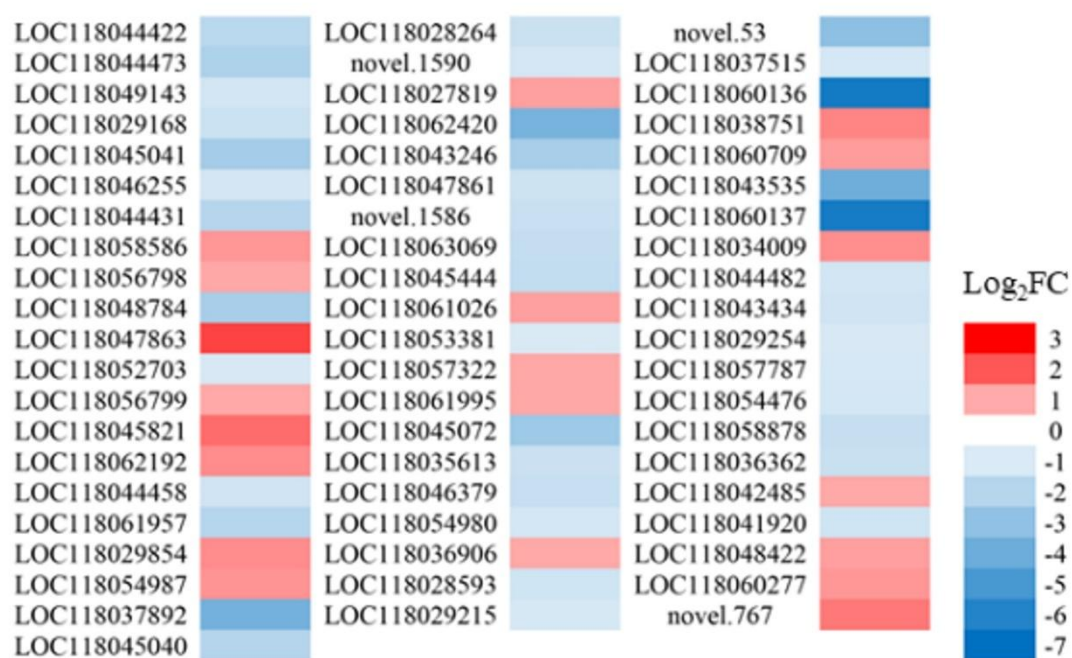


Figure s2. Heatmap of genes involved in cell wall remodeling and cell expansion.

Table s1. Primer sequences used in this study. Underlines indicate restriction sites. Italic text indicates homologous arms.

Primer name	Sequence (5'-3')
PmDELLA-like-F	ATGGGGCCCTATGGTTC
PmDELLA-like-R	TCAGAAGCATACTCGCCTGC
1300-PmDELLA-like-F	<i>CGACTCTAGTCTAGAAAGCTT</i> ATGGGGCCCTATGGTTC
1300-PmDELLA-like-R	<i>GCCCTTGCTCACCATGGTACC</i> TCAGAAGCATACTCGCCTGC
1300-F	TCGATACACCAAATCGACTCTAG
1300-R	CTGAACTTGTGGCCGTTTAC

Table s2. Numbers of DELLA proteins in each plant.

No.	Plant taxa	Species	Number of Pre- DELLA proteins	Number of DELLA Iproteins	Number of DELLA- like proteins	Total number
1	<i>Sphagnum magellanicum</i>	Bryophyta	2	0	0	2
2	<i>Sphagnum girgensohnii</i>	Bryophyta	2	0	0	2
3	<i>Calliergonella cuspidata</i>	Bryophyta	1	0	0	1
4	<i>Thamnobryum sandei</i>	Bryophyta	1	0	0	1
5	<i>Cratoneuron filicinum</i>	Bryophyta	1	0	0	1
6	<i>Hygrohypnum luridum</i>	Bryophyta	1	0	0	1
7	<i>Racomitrium nitidulum</i>	Bryophyta	1	0	0	1
8	<i>Pogonatum microstomum</i>	Bryophyta	1	0	0	1
9	<i>Bryoxiphium norvegicum</i>	Bryophyta	1	0	0	1
10	<i>Diphyscium fulvifolium</i>	Bryophyta	1	0	0	1
11	<i>Ricciocarpos natans</i>	Bryophyta	1	0	0	1
12	<i>Cyathodium cavernarum</i>	Bryophyta	1	0	0	1
13	<i>Phaeoceros laevis</i>	Bryophyta	1	0	0	1
14	<i>Schistostega pennata</i>	Bryophyta	1	0	0	1
15	<i>Notothylas yunnanensis</i>	Bryophyta	1	0	0	1
16	<i>Fissidens javanicus</i>	Bryophyta	1	0	0	1
17	<i>Fossombronina cristula</i>	Bryophyta	1	0	0	1
18	<i>Aulacomnium androgynum</i>	Bryophyta	1	0	0	1
19	<i>Ptychomitrium wilsonii</i>	Bryophyta	1	0	0	1
20	<i>Aerobryopsis subdivergens</i>	Bryophyta	1	0	0	1
21	<i>Pyrrhobryum spiniforme</i>	Bryophyta	1	0	0	1
22	<i>Philonotis turneriana</i>	Bryophyta	1	0	0	1
23	<i>Conocephalum conicum</i>	Bryophyta	1	0	0	1
24	<i>Folioceros fuciformis</i>	Bryophyta	1	0	0	1
25	<i>Kindbergia praelongum</i>	Bryophyta	1	0	0	1
26	<i>Rhytidiadelphus subpinnatus</i>	Bryophyta	1	0	0	1
27	<i>Noteroclada confluens</i>	Bryophyta	1	0	0	1
28	<i>Polytrichadelphus magellanicus</i>	Bryophyta	1	0	0	1
29	<i>Schistidium cupulare</i>	Bryophyta	1	0	0	1

30	Polytrichum strictum	Bryophyta	1	0	0	1
31	Lepyrodon lagurus	Bryophyta	1	0	0	1
32	Plagiomnium ciliare	Bryophyta	1	0	0	1
33	Mnium hornum	Bryophyta	1	0	0	1
34	Bryoandersonia illecebra	Bryophyta	1	0	0	1
35	Brachythecium laetum	Bryophyta	1	0	0	1
36	Fontinalis sullivantii	Bryophyta	1	0	0	1
37	Tetraphis pellucida	Bryophyta	1	0	0	1
38	Ulota hutchinsiae	Bryophyta	1	0	0	1
39	Pseudobryum cinclidioides	Bryophyta	1	0	0	1
40	Haplomitrium mnioides	Bryophyta	1	0	0	1
41	Splachnum ampullaceum	Bryophyta	1	0	0	1
42	Calliergon cordifolium	Bryophyta	1	0	0	1
43	Polytrichastrum ohioense	Bryophyta	1	0	0	1
44	Homaliodendron scalpellifolium	Bryophyta	1	0	0	1
45	Ceratodon purpureus	Bryophyta	1	0	0	1
46	Huperzia asiatica	lycophyte	7	0	0	7
47	Diphasiastrum complanatum	lycophyte	6	0	0	6
48	Azolla filiculoides	Ferns	4	0	0	4
49	Alsophila spinulosa	Ferns	4	0	0	4
50	Lygodium microphyllum	Ferns	3	0	0	3
51	Dipteris shenzhenensis	Ferns	2	0	0	2
52	Ceratopteris richardii	Ferns	2	0	0	2
53	Marsilea vestita	Ferns	1	0	0	1
54	Brainea insignis	Ferns	1	0	0	1
55	Basal_Angiosperms	Basal_Angiosperms_Amborella_trichopoda	0	0	1	1
56	Basal_Angiosperms	Basal_Angiosperms_Aristolochia_fimbriata	0	0	1	1
57	Basal_Angiosperms	Basal_Angiosperms_Asimina_triloba	0	1	1	2
58	Basal_Angiosperms	Basal_Angiosperms_Canella_winterana_var__001A	0	2	1	3

59	Basal_Angiosperms	Basal_Angiosperms_Chimonanthus_praecox	0	0	2	2
60	Basal_Angiosperms	Basal_Angiosperms_Chloranthus_sessilifolius	0	1	1	2
61	Basal_Angiosperms	Basal_Angiosperms_Cinnamomum_kanehirae	0	1	1	2
62	Basal_Angiosperms	Basal_Angiosperms_Lindera_aggregata	0	1	1	2
63	Basal_Angiosperms	Basal_Angiosperms_Liriodendron_tulipifera	0	2	1	3
64	Basal_Angiosperms	Basal_Angiosperms_Magnolia_sinica	0	2	1	3
65	Basal_Angiosperms	Basal_Angiosperms_Nymphaea_colorata	0	0	1	1
66	Basal_Angiosperms	Basal_Angiosperms_Persea_america	0	1	1	2
67	Basal_Angiosperms	Basal_Angiosperms_Piper_sarmentosum	0	0	2	2
68	Basal_Angiosperms	Basal_Angiosperms_Sarcandra_glabra	0	1	0	1
69	Basal_Angiosperms	Basal_Angiosperms_Saururus_chinensis	0	0	1	1
70	Basal_Angiosperms	Basal_Angiosperms_Schisandra_chinensis	0	0	1	1
71	Basal_Angiosperms	Basal_Angiosperms_Tasmannia_lanceolata	0	2	1	3
72	Basal_Angiosperms	Basal_Angiosperms_Victoria_cruziana	0	0	1	1

73	Basal_Angiosperms	Basal_Angiosperms_Warburgia_ugandensis	0	2	2	4
74	Basal_Eudicots	Basal_Eudicots_Aquilegia_conerulea	0	2	0	2
75	Basal_Eudicots	Basal_Eudicots_Buxus_sinica	0	1	0	1
76	Basal_Eudicots	Basal_Eudicots_Coptis_teeta_Hap1	0	2	0	2
77	Basal_Eudicots	Basal_Eudicots_Coptis_teeta_Hap2	0	2	0	2
78	Basal_Eudicots	Basal_Eudicots_Dillenia_turbinata	0	4	0	4
79	Basal_Eudicots	Basal_Eudicots_Kingdonia_uniflora	0	1	0	1
80	Basal_Eudicots	Basal_Eudicots_Macadamia_integrifolia	0	2	0	2
81	Basal_Eudicots	Basal_Eudicots_Menispermum_canadense	0	4	0	4
82	Basal_Eudicots	Basal_Eudicots_Myrothamnus_flabellifolia_var__SSDT_37_HAP2	0	1	0	1
83	Basal_Eudicots	Basal_Eudicots_Nelumbo_nucifera	0	2	0	2
84	Basal_Eudicots	Basal_Eudicots_Telopea_speciosissima	0	2	0	2
85	Basal_Eudicots	Basal_Eudicots_Tetracentron_sinense	0	4	0	4
86	Gymnosperms	Gymnosperms_Cryptomeria japonica	0	1	1	2
87	Gymnosperms	Gymnosperms_Ginkgo_biloba	0	0	1	1
88	Gymnosperms	Gymnosperms_Gnetum_montanum	0	1	0	1

89	Gymnosperms	Gymnosperms_Pinus_albicaulis	0	1	0	1
90	Gymnosperms	Gymnosperms_Pinus_densiflora_HA	0	1	1	2
91	Gymnosperms	Gymnosperms_Pinus_densiflora_HB	0	1	1	2
92	Gymnosperms	Gymnosperms_Pseudotaxus_chienii	0	1	1	2
93	Gymnosperms	Gymnosperms_Sequoiadendron_giganteum	0	1	1	2
94	Gymnosperms	Gymnosperms_Thuja_plicata	0	1	1	2
95	Gymnosperms	Gymnosperms_Welwitschia_mirabilis	0	1	0	1
96	Monocots	Monocots_Agave_tequilana_var__Webers_Blue_HAP2_925	0	3	3	6
97	Monocots	Monocots_Amorphophallus_konjac	0	1	0	1
98	Monocots	Monocots_Ananas_comosus	0	1	0	1
99	Monocots	Monocots_Anthurium_amnicola	0	2	0	2
100	Monocots	Monocots_Brachypodium_distachyon	0	1	0	1
101	Monocots	Monocots_Canna_indica	0	1	0	1
102	Monocots	Monocots_Carex_rostrata	0	1	1	2
103	Monocots	Monocots_Chasmanthium_laxum	0	1	0	1
104	Monocots	Monocots_Cryptocoryne_crispatula_var__balansae	0	2	2	4
105	Monocots	Monocots_Curcuma_longa	0	7	0	7

106	Monocots	Monocots_Dioscorea_cayenensis_subsp_rotundata	0	1	1	2
107	Monocots	Monocots_Dioscorea_zingiberensis	0	1	3	4
108	Monocots	Monocots_Dracaena_cambodiana.haplotypeA	0	2	1	3
109	Monocots	Monocots_Dracaena_cambodiana.haplotypeB	0	2	1	3
110	Monocots	Monocots_Elaeis_guineensis	0	2	2	4
111	Monocots	Monocots_Freycinetia_multiflora_var_ABG20040013	0	2	2	4
112	Monocots	Monocots_Hordeum_vulgare_Morex	0	1	0	1
113	Monocots	Monocots_Joinvillea_ascendens	0	1	0	1
114	Monocots	Monocots_Juncus_effusus	0	1	1	2
115	Monocots	Monocots_Oropetium_thomaeum	0	1	0	1
116	Monocots	Monocots_Oryza_sativa	0	1	0	1
117	Monocots	Monocots_Panicum_hallii	0	1	0	1
118	Monocots	Monocots_Paspalum_vaginatum	0	1	0	1
119	Monocots	Monocots_Phalaenopsis_equestris	0	3	0	3
120	Monocots	Monocots_Pharus_latifolius	0	2	0	2
121	Monocots	Monocots_Phoenix_dactylifera	0	2	2	4
122	Monocots	Monocots_Platanthera_ziziniensis	0	4	0	4

123	Monocots	Monocots_Setaria_viridis	0	1	0	1
124	Monocots	Monocots_Sorghum_bicolor	0	1	0	1
125	Monocots	Monocots_Spirodela_polyrhiza	0	1	1	2
126	Monocots	Monocots_Stemona_tuberosa	0	2	0	2
127	Monocots	Monocots_Stenotaphrum_secundatum_var_Raleigh	0	1	0	1
128	Monocots	Monocots_Tillandsia_duratii	0	2	1	3
129	Monocots	Monocots_Typha_angustifolia	0	2	2	4
130	Monocots	Monocots_Urochloa_fusca	0	1	0	1
131	Monocots	Monocots_Vriesea_erythrodactylon	0	2	1	3
132	Monocots	Monocots_Wolffia_australiana	0	1	0	1
133	Monocots	Monocots_Wurfbainia_villosa	0	7	0	7
134	Monocots	Monocots_Yucca_aloifolia	0	3	3	6
135	Monocots	Monocots_Zea_mays	0	2	0	2
136	Monocots	Monocots_Zostera_marina	0	2	1	3
137	superasterids	superasterids_Acanthus_ebracteatus	0	2	0	2
138	superasterids	superasterids_Actinidia_eriandra	0	2	4	6
139	superasterids	superasterids_Amaranthus_tricolor	0	1	0	1
140	superasterids	superasterids_Ancistrocladus_abbreviatus	0	0	2	2

141	superasterids	superasterids_Andrographis_paniculata	0	2	0	2
142	superasterids	superasterids_Apium_graveolens	0	1	1	2
143	superasterids	superasterids_Aralia_elata	0	2	1	3
144	superasterids	superasterids_Avicennia_mariana	0	2	0	2
145	superasterids	superasterids_Balanophora_fungosa_var__globosa	0	1	0	1
146	superasterids	superasterids_Bertholletia_excelsa	0	1	2	3
147	superasterids	superasterids_Beta_vulgaris_subsp__vulgaris	0	1	0	1
148	superasterids	superasterids_Bienertia_sinuspersici	0	1	0	1
149	superasterids	superasterids_Bougainvillea_glabra	0	2	0	2
150	superasterids	superasterids_Buddleja_alternifolia	0	2	0	2
151	superasterids	superasterids_Camellia_nitidissima	0	1	1	2
152	superasterids	superasterids_Camellia_sinensis	0	1	2	3
153	superasterids	superasterids_Cistanthe_cachinhalensis	0	1	0	1
154	superasterids	superasterids_Codonopsis_pilosula	0	1	1	2
155	superasterids	superasterids_Cordia_subcordata	0	1	1	2
156	superasterids	superasterids_Cornus_florida	0	1	1	2

157	superasterids	superasterids_Cynara_cardunc ulus_var__scolymus	0	1	1	2
158	superasterids	superasterids_Daucus_carota_ subsp__sativus	0	1	1	2
159	superasterids	superasterids_Dionaea_muscip ula	0	2	0	2
160	superasterids	superasterids_Diospyros_lotus	0	1	1	2
161	superasterids	superasterids_Drosera_capensi s	0	2	0	2
162	superasterids	superasterids_Ehretia_anacua	0	1	1	2
163	superasterids	superasterids_Erigeron_canad ensis	0	1	1	2
164	superasterids	superasterids_Erythranthe_gut tata	0	2	0	2
165	superasterids	superasterids_Escallonia_herre rae	0	1	2	3
166	superasterids	superasterids_Euryodendron_e xcelsum	0	2	2	4
167	superasterids	superasterids_Fagopyrum_tata ricum	0	2	1	3
168	superasterids	superasterids_Helianthus_ann uus	0	1	1	2
169	superasterids	superasterids_Helwingia_omei ensis	0	2	0	2
170	superasterids	superasterids_Henckelia_pumi la	0	1	0	1
171	superasterids	superasterids_Hoya_carnosa	0	1	1	2
172	superasterids	superasterids_Hydrangea_mac rophylla	0	1	0	1

173	superasterids	superasterids_Hydrocotyle_leucocephala_HAP2	0	1	1	2
174	superasterids	superasterids_Impatiens_glandulifera	0	1	2	3
175	superasterids	superasterids_Ipomoea_triloba	0	1	1	2
176	superasterids	superasterids_Jacaranda_mimosifolia	0	2	0	2
177	superasterids	superasterids_Lactuca_sativa	0	1	1	2
178	superasterids	superasterids_Lithospermum_erythrorhizon	0	2	0	2
179	superasterids	superasterids_Lobelia_seguinii	0	2	2	4
180	superasterids	superasterids_Lonicera_japonica	0	1	0	1
181	superasterids	superasterids_Malania_oleifera	0	1	1	2
182	superasterids	superasterids_Mimulus_laciniatus	0	2	0	2
183	superasterids	superasterids_Nepenthes_gracilis	0	4	1	5
184	superasterids	superasterids_Nothapodytes_nimmoniana	0	3	3	6
185	superasterids	superasterids_Nyssa_sinensis	0	2	1	3
186	superasterids	superasterids_Olea_europaea_var_sylvestris	0	2	0	2
187	superasterids	superasterids_Pectocarya_recurvata	0	1	0	1
188	superasterids	superasterids_Phломoides_rotata	0	1	0	1

189	superasterids	superasterids_Plantago_ovata	0	1	0	1
190	superasterids	superasterids_Portulaca_amilis	0	1	0	1
191	superasterids	superasterids_Primulina_tabacum	0	1	0	1
192	superasterids	superasterids_Rehmannia_glutinososa	0	2	0	2
193	superasterids	superasterids_Rhododendron_vialii	0	1	1	2
194	superasterids	superasterids_Rutidosia_leptorhynchoidea	0	1	1	2
195	superasterids	superasterids_Salvia_miltiorrhiza	0	2	0	2
196	superasterids	superasterids_Saponaria_officinalis	0	1	0	1
197	superasterids	superasterids_Sarracenia_purpurea_var__burkii	0	2	1	3
198	superasterids	superasterids_Saussurea_hypsipeta	0	1	1	2
199	superasterids	superasterids_Scurrula_parasitica	0	2	0	2
200	superasterids	superasterids_Scurrula_parasitica_var__graciliflora	0	2	0	2
201	superasterids	superasterids_Sesamum_indicum	0	2	0	2
202	superasterids	superasterids_Sideroxylon_spinosum_hap1	0	2	1	3
203	superasterids	superasterids_Sideroxylon_spinosum_hap2	0	2	1	3

204	superasterids	superasterids_Silene_latifolia	0	1	0	1
205	superasterids	superasterids_Simmondsia_chi nensis	0	1	1	2
206	superasterids	superasterids_Solanum_lycope rsicum	0	3	0	3
207	superasterids	superasterids_Solanum_tubero sum	0	3	0	3
208	superasterids	superasterids_Spinacia_olerac ea	0	1	0	1
209	superasterids	superasterids_Tamarix_chinen sis	0	2	2	4
210	superasterids	superasterids_Vaccinium_darr owii	0	1	1	2
211	superasterids	superasterids_Vaccinium_mac rocarpon	0	0	1	1
212	superasterids	superasterids_Vitellaria_parad oxa	0	2	1	3
213	superrosids	superrosids_Alnus_glutinosa	0	1	1	2
214	superrosids	superrosids_Anacardium_occ dentale	0	2	1	3
215	superrosids	superrosids_Aquilaria_yunnan ensis	0	1	1	2
216	superrosids	superrosids_Arabidopsis_thali ana	0	5	0	5
217	superrosids	superrosids_Begonia_fimbristi pula	0	5	1	6
218	superrosids	superrosids_Benincasa_hispid a	0	3	1	4
219	superrosids	superrosids_Betula_platyphyll a	0	0	1	1
220	superrosids	superrosids_Boechera_stricta	0	5	0	5

221	superrosids	superrosids_Brassica_rapa_su bsp__chinensis_var__commun is	0	5	0	5
222	superrosids	superrosids_Brassica_rapa_su bsp__trilocularis	0	5	0	5
223	superrosids	superrosids_Bretschneidera_si nensis	0	2	2	4
224	superrosids	superrosids_Cakile_maritima	0	5	0	5
225	superrosids	superrosids_Cannabis_sativa	0	1	1	2
226	superrosids	superrosids_Capsella_rubella	0	5	0	5
227	superrosids	superrosids_Carica_papaya	0	1	1	2
228	superrosids	superrosids_Carya_illinoinesi s	0	2	1	3
229	superrosids	superrosids_Castanea_sativa	0	1	1	2
230	superrosids	superrosids_Caulanthus_ampl exicaulis	0	9	0	9
231	superrosids	superrosids_Cephalotus_follic ularis	0	1	0	1
232	superrosids	superrosids_Cerasus_kanzakur a	0	2	0	2
233	superrosids	superrosids_Cerasus_kanzakur a_ATM	0	0	1	1
234	superrosids	superrosids_Cercis_canadensis	0	2	1	3
235	superrosids	superrosids_Chamaecrista_fas ciculata_var__ISC494698	0	3	1	4

236	superrosids	superrosids_Chamerion_angus tifolium	0	3	2	5
237	superrosids	superrosids_Chrysosplenium_ macrophyllum	0	3	0	3
238	superrosids	superrosids_Cicer_arietinum	0	2	1	3
239	superrosids	superrosids_Citrus_sinensis	0	1	1	2
240	superrosids	superrosids_Cleome_violacea	0	3	0	3
241	superrosids	superrosids_Corylus_avellana	0	1	1	2
242	superrosids	superrosids_Crambe_hispanic a	0	6	0	6
243	superrosids	superrosids_Crataegus_pinnati fida_var__major	0	2	2	4
244	superrosids	superrosids_Cucumis_sativus	0	3	1	4
245	superrosids	superrosids_Cucurbita_pepo_s ubsp__pepo	0	6	2	8
246	superrosids	superrosids_Dimocarpus_long an	0	1	1	2
247	superrosids	superrosids_Diptychocarpus_s trictus	0	5	0	5
248	superrosids	superrosids_Durio_zibethinus	0	3	3	6
249	superrosids	superrosids_Elaeocarpus_petio latus	0	1	1	2
250	superrosids	superrosids_Epilobium_hirsut um	0	4	2	6
251	superrosids	superrosids_Eruca_vesicaria	0	5	0	5

252	superrosids	superrosids_Erythroxylum_novogranatense	0	0	1	1
253	superrosids	superrosids_Eucalyptus_grandis	0	2	1	3
254	superrosids	superrosids_Euphorbia_lathyris	0	0	1	1
255	superrosids	superrosids_Eutrema_salsugineum	0	5	0	5
256	superrosids	superrosids_Fragaria_vesca	0	2	2	4
257	superrosids	superrosids_Gillenia_trifoliata	0	3	1	4
258	superrosids	superrosids_Glycine_max	0	4	0	4
259	superrosids	superrosids_Herrania_umbratica	0	1	1	2
260	superrosids	superrosids_Hevea_brasiliensis	0	2	1	3
261	superrosids	superrosids_Hibiscus_syriacus	0	5	4	9
262	superrosids	superrosids_Humulus_lupulus	0	2	1	3
263	superrosids	superrosids_Jatropha_curcas	0	1	1	2
264	superrosids	superrosids_Juglans_regia	0	2	1	3
265	superrosids	superrosids_Kalanchoe_laxiflora	0	2	1	3
266	superrosids	superrosids_Kandelia_obovata	0	2	1	3
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268	superrosids	superrosids_Linum_trigynum	0	0	2	2

269	superrosids	superrosids_Liquidambar_for mosana	0	2	1	3
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271	superrosids	superrosids_Lupinus_albus	0	4	0	4
272	superrosids	superrosids_Malcolmia_mariti ma	0	5	0	5
273	superrosids	superrosids_Malus_domestica	0	4	2	6
274	superrosids	superrosids_Malus_sieversii	0	8	4	12
275	superrosids	superrosids_Mangifera_indica	0	2	2	4
276	superrosids	superrosids_Manihot_esculent a	0	2	0	2
277	superrosids	superrosids_Medicago_truncat ula	0	1	0	1
278	superrosids	superrosids_Melastoma_candi dum	0	5	2	7
279	superrosids	superrosids_Mercurialis_annu a	0	1	1	2
280	superrosids	superrosids_Morella_rubra	0	1	1	2
281	superrosids	superrosids_Moringa_oleifera	0	1	1	2
282	superrosids	superrosids_Morus_notabilis	0	2	1	3
283	superrosids	superrosids_Pellacalyx_yunna nensis	0	1	1	2
284	superrosids	superrosids_Phaseolus_vulgari s	0	3	0	3
285	superrosids	superrosids_Pistacia_vera	0	1	1	2
286	superrosids	superrosids_Pisum_sativum_v ar__ZW6	0	1	0	1

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289	superrosids	superrosids_Populus_deltoides	0	2	0	2
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291	superrosids	superrosids_Prunus_mume	0	2	1	3
292	superrosids	superrosids_Punica_granatatum	0	1	1	2
293	superrosids	superrosids_Pyrus_bretschneideri	0	4	1	5
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295	superrosids	superrosids_Quillaja_saponaria	0	3	2	5
296	superrosids	superrosids_Raphanus_sativus	0	5	0	5
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301	superrosids	superrosids_Rosa_multiflora	0	2	2	4
302	superrosids	superrosids_Rubroshorea_leprosula	0	2	1	3
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304	superrosids	superrosids_Rubus_occidentalis	0	2	1	3
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308	superrosids	superrosids_Shorea_laevis	0	2	1	3
309	superrosids	superrosids_Sinapis_alba	0	5	0	5
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320	superrosids	superrosids_Vicia_faba	0	2	0	2
321	superrosids	superrosids_Vigna_unguiculata	0	2	0	2

322	superrosids	superrosids_Vitis_vinifera	0	2	1	3
323	superrosids	superrosids_Xanthoceras_sorbifolium	0	1	1	2
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Supplementary information data 1. DELLA protein sequences used to constructed phylogenetic tree.

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Supplementary information data 2. DELLA protein sequences in Rosaceae used to constructed phylogenetic tree.

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