

附录1 石松类和蕨类植物已发表的质体基因组统计(* 表示不完整的质体基因组。数据获取日期: 2019年3月1日)

Appendix 1 Published plastomes of lycophytes and ferns (* indicate partial plastome. accessed on 2019-03-01)

序号 No.	基因库登录名 GenBank accession no.	物种名 Species	目 Order	科 Family	基因组大小 Genome size (bp)	GC 含量 GC content	参考文献 Reference
1	KY609860	<i>Huperzia serrata</i> f. <i>longipetiolata</i>	Lycopodiales	Lycopodiaceae	154,415	36.40%	Zhang et al, 2017
2	MH549639	<i>Huperzia lucidula</i>	Lycopodiales	Lycopodiaceae	154,368	36.30%	Mower et al, 2019
3	NC006861	<i>Huperzia lucidula</i>	Lycopodiales	Lycopodiaceae	154,373	36.20%	Wolf et al, 2005
4	NC033874	<i>Huperzia serrata</i>	Lycopodiales	Lycopodiaceae	154,176	36.30%	Guo et al, 2016
5	NC040923	<i>Dendrolycopodium obscurum</i>	Lycopodiales	Lycopodiaceae	160,877	35.00%	Mower et al, 2019
6	NC040993	<i>Diphasiastrum digitatum</i>	Lycopodiales	Lycopodiaceae	159,614	35.70%	Mower et al, 2019
7	NC040994	<i>Lycopodium clavatum</i>	Lycopodiales	Lycopodiaceae	151,819	34.50%	Mower et al, 2019
8	MG019394	<i>Isoetes cangae</i>	Isoetales	Isoetaceae	143,412	37.70%	Nunes et al, 2018
9	MG599108	<i>Isoetes flaccida</i> var. <i>chapmanii</i>	Isoetales	Isoetaceae	145,096	38.00%	Schafran et al, 2018
10	MG668893	<i>Isoetes flaccida</i> var. <i>flaccida</i>	Isoetales	Isoetaceae	145,126	38.00%	Schafran et al, 2018
11	MG668894	<i>Isoetes lithophila</i>	Isoetales	Isoetaceae	144,978	38.00%	Schafran et al, 2018
12	MG668895	<i>Isoetes melanopoda</i> subsp. <i>melanopoda</i>	Isoetales	Isoetaceae	145,075	38.00%	Schafran et al, 2018
13	MG668896	<i>Isoetes melanopoda</i> subsp. <i>silvatica</i>	Isoetales	Isoetaceae	145,109	38.00%	Schafran et al, 2018
14	MG668898	<i>Isoetes mississippiensis</i>	Isoetales	Isoetaceae	145,061	38.00%	Schafran et al, 2018
15	MG668900	<i>Isoetes piedmontana</i>	Isoetales	Isoetaceae	144,931	38.00%	Schafran et al, 2018
16	MG668901	<i>Isoetes tegetiformans</i>	Isoetales	Isoetaceae	144,996	38.00%	Schafran et al, 2018
17	MG668903	<i>Isoetes echinospora</i>	Isoetales	Isoetaceae	145,186	38.10%	Schafran et al, 2018
18	MG792131	<i>Isoetes butleri</i>	Isoetales	Isoetaceae	145,029	38.10%	Schafran et al, 2018
19	MG792133	<i>Isoetes graniticola</i>	Isoetales	Isoetaceae	145,029	38.00%	Schafran et al, 2018
20	MG792134	<i>Isoetes graniticola</i>	Isoetales	Isoetaceae	145,127	38.00%	Schafran et al, 2018
21	MG792135	<i>Isoetes hyemalis</i>	Isoetales	Isoetaceae	145,133	38.00%	Schafran et al, 2018
22	MG792136	<i>Isoetes louisianensis</i>	Isoetales	Isoetaceae	145,156	38.00%	Schafran et al, 2018
23	MG792137	<i>Isoetes louisianensis</i>	Isoetales	Isoetaceae	145,209	38.00%	Schafran et al, 2018
24	MG792138	<i>Isoetes louisianensis</i>	Isoetales	Isoetaceae	145,152	38.00%	Schafran et al, 2018
25	MG792139	<i>Isoetes louisianensis</i>	Isoetales	Isoetaceae	145,119	38.00%	Schafran et al, 2018
26	MG792140	<i>Isoetes louisianensis</i>	Isoetales	Isoetaceae	145,041	38.00%	Schafran et al, 2018

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27	MG792142	<i>Isoetes piedmontana</i>	Isoetales	Isoetaceae	145,034	38.00%	Schafran et al, 2018
28	MG792143	<i>Isoetes virginica</i>	Isoetales	Isoetaceae	145,128	38.00%	Schafran et al, 2018
29	MK047605	<i>Isoetes yunguiensis</i>	Isoetales	Isoetaceae	145,355	38.00%	Feng et al, 2019
30	NC014675	<i>Isoetes flaccida</i>	Isoetales	Isoetaceae	145,303	37.90%	Karol et al, 2010
31	NC038071	<i>Isoetes butleri</i>	Isoetales	Isoetaceae	144,912	38.00%	Schafran et al, 2018
32	NC038072	<i>Isoetes melanospora</i>	Isoetales	Isoetaceae	145,045	38.00%	Schafran et al, 2018
33	NC038073	<i>Isoetes nuttallii</i>	Isoetales	Isoetaceae	144,680	38.20%	Schafran et al, 2018
34	NC038074	<i>Isoetes valida</i>	Isoetales	Isoetaceae	145,132	38.00%	Schafran et al, 2018
35	NC038080	<i>Isoetes engelmannii</i>	Isoetales	Isoetaceae	144,817	38.00%	Schafran et al, 2018
36	NC039392	<i>Isoetes cangae</i>	Isoetales	Isoetaceae	143,380	37.70%	Nunes et al, 2018
37	NC039393	<i>Isoetes serracarajensis</i>	Isoetales	Isoetaceae	143,380	37.70%	Nunes et al, 2018
38	NC039703	<i>Isoetes mattaponica</i>	Isoetales	Isoetaceae	145,065	38.00%	Schafran et al, 2018
39	NC039821	<i>Isoetes graniticola</i>	Isoetales	Isoetaceae	145,118	38.00%	Schafran et al, 2018
40	NC040924	<i>Isoetes malinverniana</i>	Isoetales	Isoetaceae	145,535	38.00%	Mower et al, 2019
41	NC040925	<i>Isoetes piedmontana</i>	Isoetales	Isoetaceae	145,030	38.00%	Mower et al, 2019
42	AB197035	<i>Selaginella uncinata</i>	Selaginellales	Selaginellaceae	144,170	54.80%	Tsuji et al, 2007
43	HM173080	<i>Selaginella moellendorffii</i>	Selaginellales	Selaginellaceae	143,775	51.00%	Banks et al, 2011
44	MG272482	<i>Selaginella vardei</i>	Selaginellales	Selaginellaceae	121,254	53.20%	Zhang et al, 2019
45	MK156801	<i>Selaginella indica</i>	Selaginellales	Selaginellaceae	122,460	53.60%	Zhang et al, 2019
46	NC013086	<i>Selaginella moellendorffii</i>	Selaginellales	Selaginellaceae	143,780	51.00%	Smith, 2009
47	NC040926	<i>Selaginella kraussiana</i>	Selaginellales	Selaginellaceae	129,971	52.30%	Mower et al, 2019
48	NC040927	<i>Selaginella lepidophylla</i>	Selaginellales	Selaginellaceae	114,693	51.90%	Mower et al, 2019
49	JN968380	<i>Equisetum arvense</i>	Equisetales	Equisetaceae	132,726	33.40%	Kim & Kim, 2014
50	NC014699	<i>Equisetum arvense</i>	Equisetales	Equisetaceae	133,309	33.40%	Karol et al, 2010
51	NC020146	<i>Equisetum hyemale</i>	Equisetales	Equisetaceae	131,760	33.70%	Grewe et al, 2013
52	KC117179	<i>Psilotum nudum</i>	Psilotales	Psilotaceae	138,909	36.00%	Grewe et al, 2013
53	KJ569699	<i>Tmesipteris elongata</i>	Psilotales	Psilotaceae	139,736	36.10%	Zhong et al, 2014
54	NC003386	<i>Psilotum nudum</i>	Psilotales	Psilotaceae	138,829	36.00%	Wakasugi et al, 未发表

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55	KM817788	<i>Helminthostachys zeylanica</i>	Ophioglossales	Ophioglossaceae	145,120	43.50%	Kim et al, 2014
56	KM817789	<i>Botrychium ternatum</i>	Ophioglossales	Ophioglossaceae	139,127	44.80%	Kim et al, 2014
57	KP205433	<i>Mankyua chejuensis</i>	Ophioglossales	Ophioglossaceae	146,225	38.00%	Kim et al, 2014
58	NC017006	<i>Mankyua chejuensis</i>	Ophioglossales	Ophioglossaceae	146,221	38.00%	Kim et al, 未发表
59	NC020147	<i>Ophioglossum californicum</i>	Ophioglossales	Ophioglossaceae	138,270	42.20%	Grewe et al, 2013
60	NC008829	<i>Angiopteris evecta</i>	Marattiales	Marattiaceae	153,901	35.50%	Roper et al, 2007
61	NC026300	<i>Angiopteris angustifolia</i>	Marattiales	Marattiaceae	153,596	35.50%	Zhu et al, 2016
62	NC024157	<i>Osmundastrum cinnamomeum</i>	Osmundales	Osmundaceae	142,812	40.20%	Kim et al, 2014
63	MH265125	<i>Callistopteris apiifolia</i>	Hymenophyllales	Hymenophyllaceae	144,918	38.00%	Kuo et al, 2018
64	MH348274	<i>Trichomanes trollii</i>	Hymenophyllales	Hymenophyllaceae	150,965	38.10%	Lehtonen & Cardenas, 2019
65	NC039753	<i>Hymenophyllum holochilum</i>	Hymenophyllales	Hymenophyllaceae	142,214	37.60%	Kuo et al, 2018
66	NC041000	<i>Vandenboschia speciosa</i>	Hymenophyllales	Hymenophyllaceae	146,874	37.50%	Ruiz-Ruano et al, 2019
67	KP136829	<i>Dipteris conjugata</i>	Gleicheniales	Dipteridaceae	123,674*	45.80%	Marchant et al, 未发表
68	NC024158	<i>Diplopterygium glaucum</i>	Gleicheniales	Gleicheniaceae	151,007	40.20%	Kim et al, 2014
69	KF225593	<i>Lygodium japonicum</i>	Schizaeales	Lygodiaceae	157,142	40.70%	Kim et al, 2014
70	NC022136	<i>Lygodium japonicum</i>	Schizaeales	Lygodiaceae	157,260	40.60%	Gao et al, 2013
71	NC039378	<i>Lygodium microphyllum</i>	Schizaeales	Lygodiaceae	158,891	40.70%	McCulloch et al, 2018
72	KU764518	<i>Actinostachys pennula</i>	Schizaeales	Schizaeaceae	134,946	41.40%	Labiak et al, 未发表
73	NC035807	<i>Schizaea elegans</i>	Schizaeales	Schizaeaceae	156,603	43.30%	Labiak & Karol, 2017
74	NC035808	<i>Schizaea pectinata</i>	Schizaeales	Schizaeaceae	156,392	44.40%	Labiak et al, 2017
75	MF177088	<i>Azolla mexicana</i>	Salviniales	Salviniaceae	147,232	42.00%	Robison et al, 未发表
76	MF177089	<i>Azolla microphylla</i>	Salviniales	Salviniaceae	147,136	42.00%	Robison et al, 未发表
77	MF177090	<i>Azolla nilotica</i>	Salviniales	Salviniaceae	146,797	40.90%	Robison et al, 未发表
78	MF177091	<i>Azolla rubra</i>	Salviniales	Salviniaceae	147,692	42.20%	Robison et al, 未发表
79	MF177092	<i>Azolla caroliniana</i>	Salviniales	Salviniaceae	147,498	42.20%	Robison et al, 未发表
80	MF177093	<i>Azolla caroliniana</i>	Salviniales	Salviniaceae	147,574	42.20%	Robison et al, 未发表
81	MF177094	<i>Azolla filiculoides</i>	Salviniales	Salviniaceae	147,665	42.20%	Robison et al, 未发表

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82	MF177095	<i>Salvinia cucullata</i>	Salviniales	Salviniaceae	150,958	41.90%	Robison et al, 未发表
83	KC536646	<i>Marsilea crenata</i>	Salviniales	Marsileaceae	151,628	42.20%	Gao et al, 2013
84	KY863504	<i>Pilularia americana</i>	Salviniales	Marsileaceae	153,076	40.60%	Robison et al, 未发表
85	NC022137	<i>Marsilea crenata</i>	Salviniales	Marsileaceae	151,628	42.20%	Gao et al, 2013
86	KP136831	<i>Plagiogyria glauca</i>	Cyatheales	Plagiogyriaceae	127,710*	43.00%	Marchant et al, 未发表
87	NC037893	<i>Cibotium barometz</i>	Cyatheales	Cibotiaceae	166,027	41.70%	Liu et al, 2018
88	KJ569698	<i>Dicksonia squarrosa</i>	Cyatheales	Dicksoniaceae	168,244	41.50%	Zhong et al, 2014
89	NC012818	<i>Alsophila spinulosa</i>	Cyatheales	Cyatheaceae	156,661	40.40%	Gao et al, 2009
90	NC038150	<i>Alsophila podophylla</i>	Cyatheales	Cyatheaceae	166,151	41.90%	Liu et al, 2018
91	MG913608	<i>Odontosoria chinensis</i>	Polypodiales	Lindsaeaceae	156,293	40.40%	Xu et al, 2018
92	KM052729	<i>Ceratopteris richardii</i>	Polypodiales	Pteridaceae	148,444	36.80%	Marchant et al, 未发表
93	LT615217	<i>Adiantum hispidulum</i>	Polypodiales	Pteridaceae	151,327	42.00%	Belenikin et al, 未发表
94	MH173077	<i>Jamesonia brasiliensis</i>	Polypodiales	Pteridaceae	139,531*	41.10%	Robison et al, 2018
95	MH500228	<i>Pteris vittata</i>	Polypodiales	Pteridaceae	154,130	41.70%	Zeng et al, 2018
96	NC004766	<i>Adiantum capillus-veneris</i>	Polypodiales	Pteridaceae	150,568	42.00%	Wolf et al, 2003
97	NC014592	<i>Myriopteris lindheimeri</i>	Polypodiales	Pteridaceae	155,770	42.70%	Wolf et al, 2011
98	NC037478	<i>Adiantum shastense</i>	Polypodiales	Pteridaceae	150,414	44.30%	Song et al, 2018
99	NC039724	<i>Myriopteris covillei</i>	Polypodiales	Pteridaceae	155,548	42.70%	Robison et al, 2018
100	NC040171	<i>Pentagramma triangularis</i>	Polypodiales	Pteridaceae	153,445	41.80%	Robison et al, 2018
101	NC040172	<i>Adiantum tricholepis</i>	Polypodiales	Pteridaceae	150,470	42.50%	Robison et al, 2018
102	NC040173	<i>Hemionitis subcordata</i>	Polypodiales	Pteridaceae	165,631	42.80%	Robison et al, 2018
103	NC040174	<i>Cheilanthes micropteris</i>	Polypodiales	Pteridaceae	157,257	41.40%	Robison et al, 2018
104	NC040175	<i>Vaginularia trichoidea</i>	Polypodiales	Pteridaceae	147,102	39.20%	Robison et al, 2018
105	NC040176	<i>Antrophyum semicostatum</i>	Polypodiales	Pteridaceae	150,274	40.10%	Robison et al, 2018
106	NC040202	<i>Pellaea truncata</i>	Polypodiales	Pteridaceae	150,713	42.50%	Robison et al, 2018
107	NC040203	<i>Notholaena standleyi</i>	Polypodiales	Pteridaceae	159,556	42.40%	Robison et al, 2018
108	NC040204	<i>Pteris vittata</i>	Polypodiales	Pteridaceae	149,424	36.70%	Robison et al, 2018
109	NC040205	<i>Onychium japonicum</i>	Polypodiales	Pteridaceae	150,156	41.20%	Robison et al, 2018

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110	NC040206	<i>Bommeria hispida</i>	Polypodiales	Pteridaceae	156,749	42.60%	Robison et al, 2018
111	NC040207	<i>Pityrogramma trifoliata</i>	Polypodiales	Pteridaceae	148,156	40.00%	Robison et al, 2018
112	NC040208	<i>Tryonia myriophylla</i>	Polypodiales	Pteridaceae	156,327	40.00%	Robison et al, 2018
113	NC040209	<i>Adiantum aleuticum</i>	Polypodiales	Pteridaceae	157,519	45.30%	Robison et al, 2018
114	NC040210	<i>Anogramma chaerophylla</i>	Polypodiales	Pteridaceae	148,099	40.30%	Robison et al, 2018
115	NC040211	<i>Cryptogramma acrostichoides</i>	Polypodiales	Pteridaceae	150,162	42.30%	Robison et al, 2018
116	NC040212	<i>Ceratopteris cornuta</i>	Polypodiales	Pteridaceae	154,106	41.70%	Robison et al, 2018
117	NC040213	<i>Myriopteris scabra</i>	Polypodiales	Pteridaceae	162,051	42.10%	Robison et al, 2018
118	NC040214	<i>Calciophlopteris ludens</i>	Polypodiales	Pteridaceae	157,068	43.50%	Robison et al, 2018
119	NC040215	<i>Haplopteris elongata</i>	Polypodiales	Pteridaceae	156,002	40.10%	Robison et al, 2018
120	NC040216	<i>Llavea cordifolia</i>	Polypodiales	Pteridaceae	149,387	41.90%	Robison et al, 2018
121	NC040217	<i>Vittaria graminifolia</i>	Polypodiales	Pteridaceae	151,035	40.10%	Robison et al, 2018
122	NC040218	<i>Scoliosorus ensiformis</i>	Polypodiales	Pteridaceae	145,327	40.00%	Robison et al, 2018
123	NC040219	<i>Vittaria appalachiana</i>	Polypodiales	Pteridaceae	149,531	40.10%	Robison et al, 2018
124	NC014348	<i>Pteridium aquilinum</i> subsp. <i>aquilinum</i>	Polypodiales	Dennstaedtiaceae	152,362	41.50%	Der et al, 2011
125	NC040220	<i>Histiopteris incisa</i>	Polypodiales	Dennstaedtiaceae	160,567	43.00%	Sun et al, 2018
126	KP136830	<i>Cystopteris protrusa</i>	Polypodiales	Cystopteridaceae	131,837*	42.70%	Marchant et al, 未发表
127	NC035843	<i>Cystopteris chinensis</i>	Polypodiales	Cystopteridaceae	151,269	42.90%	Wei et al, 2017
128	NC035862	<i>Rhachidosorus consimilis</i>	Polypodiales	Rhachidosoraceae	152,642	43.50%	Wei et al, 2017
129	NC035847	<i>Diplaziopsis cavalieriana</i>	Polypodiales	Diplaziopsidaceae	151,934	43.10%	Wei et al, 2017
130	NC035848	<i>Diplaziopsis javanica</i>	Polypodiales	Diplaziopsidaceae	151,496	42.60%	Wei et al, 2017
131	NC035855	<i>Homalosorus pycnocarpus</i>	Polypodiales	Diplaziopsidaceae	152,159	43.20%	Wei et al, 2017
132	NC035837	<i>Asplenium pekinense</i>	Polypodiales	Aspleniaceae	152,479	41.20%	Wei et al, 2017
133	NC035838	<i>Asplenium prolongatum</i>	Polypodiales	Aspleniaceae	151,115	40.80%	Wei et al, 2017
134	NC035856	<i>Hymenasplenium unilaterale</i>	Polypodiales	Aspleniaceae	151,723	42.00%	Wei et al, 2017
135	NC035864	<i>Woodsia macrochlaena</i>	Polypodiales	Woodsiaceae	150,987	42.70%	Wei et al, 2017
136	NC035865	<i>Woodsia polystichoides</i>	Polypodiales	Woodsiaceae	150,685	42.60%	Wei et al, 2017
137	NC035859	<i>Matteuccia struthiopteris</i>	Polypodiales	Onocleaceae	151,003	44.30%	Wei et al, 2017

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138	NC035860	<i>Onoclea sensibilis</i>	Polypodiales	Onocleaceae	148,395	44.40%	Wei et al, 2017
139	NC028543	<i>Woodwardia unigemmata</i>	Polypodiales	Blechnaceae	153,717	43.20%	Lu et al, 2015
140	NC035840	<i>Austroblechnum melanocaulon</i>	Polypodiales	Blechnaceae	150,202	43.70%	Wei et al, 2017
141	NC035738	<i>Athyrium anisopterum</i>	Polypodiales	Athyriaceae	151,284	44.00%	Wei et al, 2017
142	NC035836	<i>Athyrium sheareri</i>	Polypodiales	Athyriaceae	151,068	43.50%	Wei et al, 2017
143	NC035839	<i>Athyrium sinense</i>	Polypodiales	Athyriaceae	151,319	43.80%	Wei et al, 2017
144	NC035841	<i>Athyrium opacum</i>	Polypodiales	Athyriaceae	150,979	43.70%	Wei et al, 2017
145	NC035844	<i>Deparia lancea</i>	Polypodiales	Athyriaceae	151,011	43.90%	Wei et al, 2017
146	NC035845	<i>Deparia pycnosora</i>	Polypodiales	Athyriaceae	151,126	44.00%	Wei et al, 2017
147	NC035846	<i>Deparia viridifrons</i>	Polypodiales	Athyriaceae	150,939	43.80%	Wei et al, 2017
148	NC035849	<i>Diplazium bellum</i>	Polypodiales	Athyriaceae	151,601	42.60%	Wei et al, 2017
149	NC035850	<i>Diplazium dilatatum</i>	Polypodiales	Athyriaceae	151,114	43.90%	Wei et al, 2017
150	NC035851	<i>Diplazium dushanense</i>	Polypodiales	Athyriaceae	150,179	43.20%	Wei et al, 2017
151	NC035852	<i>Diplazium striatum</i>	Polypodiales	Athyriaceae	150,779	43.80%	Wei et al, 2017
152	NC035853	<i>Diplazium unilobum</i>	Polypodiales	Athyriaceae	127,840*	43.60%	Wei et al, 2017
153	MH500229	<i>Mesopteris tonkinensis</i>	Polypodiales	Thelypteridaceae	161,380	43.50%	Ding et al, 2018
154	MH500230	<i>Macrothelypteris torresiana</i>	Polypodiales	Thelypteridaceae	151,150	43.10%	Zhou et al, 2018
155	NC035835	<i>Ampelopteris prolifera</i>	Polypodiales	Thelypteridaceae	151,772	42.40%	Wei et al, 2017
156	NC035842	<i>Christella appendiculata</i>	Polypodiales	Thelypteridaceae	151,571	42.50%	Wei et al, 2017
157	NC035858	<i>Macrothelypteris torresiana</i>	Polypodiales	Thelypteridaceae	151,130	43.10%	Wei et al, 2017
158	NC035861	<i>Pseudophegopteris aurita</i>	Polypodiales	Thelypteridaceae	149,917	43.10%	Wei et al, 2017
159	NC035863	<i>Stegnogramma sagittifolia</i>	Polypodiales	Thelypteridaceae	151,132	43.00%	Wei et al, 2017
160	NC035857	<i>Hypodematium crenatum</i>	Polypodiales	Hypodemiaceae	149,794	41.10%	Wei et al, 2017
161	KP189363	<i>Cyrtomium falcatum</i>	Polypodiales	Dryopteridaceae	151,628	42.30%	Choi et al, 未发表
162	KX418656	<i>Dryopteris fragrans</i>	Polypodiales	Dryopteridaceae	151,978	43.10%	Gao et al, 2018
163	LT618774	<i>Dryopteris filix-mas</i>	Polypodiales	Dryopteridaceae	148,568	43.20%	Belenikin et al, 未发表
164	LT827127	<i>Dryopteris blanfordii</i>	Polypodiales	Dryopteridaceae	152,945	43.40%	Belenikin et al, 未发表
165	LT905144	<i>Dryopteris villarii</i>	Polypodiales	Dryopteridaceae	148,727	43.20%	Belenikin et al, 未发表

序号 No.	基因库登录名 GenBank accession no.	物种名 Species	目 Order	科 Family	基因组大小 Genome size (bp)	GC 含量 GC content	参考文献 Reference
166	NC028542	<i>Cyrtomium devexiscapulae</i>	Polypodiales	Dryopteridaceae	151,684	42.30%	Lu et al, 2015
167	NC028705	<i>Cyrtomium falcatum</i>	Polypodiales	Dryopteridaceae	151,628	42.30%	Choi et al, 未发表
168	NC035854	<i>Dryopteris decipiens</i>	Polypodiales	Dryopteridaceae	150,987	42.70%	Wei et al, 2017
169	NC037510	<i>Cyrtomium fortunei</i>	Polypodiales	Dryopteridaceae	151,699	42.30%	Li et al, 2018
170	KP136832	<i>Polypodium glycyrrhiza</i>	Polypodiales	Polypodiaceae	129,223*	40.10%	Marchant et al, 未发表
171	KY075853	<i>Aglaomorpha fortunei</i>	Polypodiales	Polypodiaceae	154,305	40.90%	Sun et al, 2017
172	NC035739	<i>Lepisorus clathratus</i>	Polypodiales	Polypodiaceae	156,998	41.80%	Wei et al, 2017
173	NC040177	<i>Leptochilus hemionitideus</i>	Polypodiales	Polypodiaceae	156,083	44.20%	Min et al, 2018
174	NC040221	<i>Goniophlebium niponicum</i>	Polypodiales	Polypodiaceae	152,551	42.40%	Zhang et al, 2018
175	NC040226	<i>Pyrrosia bonii</i>	Polypodiales	Polypodiaceae	158,174	41.60%	Cai et al, 2018

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