

TABLE S2. Regions removed from the aligned analyses for the chloroplast (cpDNA) and PHYA regions with justification for the removal

Position - cpDNA	Justification
428	poly A region
646-650	poly T region
846-850	poly A region
868-1300	AT repeat rich region of uncertain homology
1455-1460	AT repeat rich region of uncertain homology
1490-1495	poly G region
1547-1570	poly T region/ region of uncertain homology
1679-1680	poly T region
1920-1928	poly A region
1934-1939	poly A region
2024-2028	poly T region
2032-2033	region of uncertain homology
2057-2069	region of uncertain homology
2161-2179	poly A region/ region of uncertain homology
2236-2241	poly A/ repeat region
2336-2393	poly T region/ region of uncertain homology
2454-2497	AT repeat /poly T region
2644-2646	poly T region
2727-2729	region of uncertain homology
3730-3732	poly T region
3739-3744	poly A region
4938-4971	region of uncertain homology
5026-5049	poly A region/ region of uncertain homology
5192-5246	poly A /repeat region
5263-5299	poly A /repeat region
5368-5432	poly T region of uncertain homology
5444-5445	poly T region of uncertain homology
5526-5541	repeat region
5775-5785	region of uncertain homology
5982-5983	poly T region of uncertain homology
6032-6037	region of uncertain homology
6252-6260	poly A /repeat region
6319-6733	region of uncertain homology
6879-6885	AT repeat region
6833-6845	poly T region
6931-6933	poly A region
7159-7203	poly T region
7227-7249	region of uncertain homology
7434-7538	poly T region/ region of uncertain homology
7717-7737	AT repeat region
7855-7860	poly G region
7972-8022	region of uncertain homology

8168-8170	region of uncertain homology
Position - PHYA	Justification
8601-8648	region of uncertain homology
8708-8713	region of uncertain homology
8778-8819	repeat region
8884-8970	repeat region and region of uncertain homology
9031-9081	repeat region
9151-9166	region of uncertain homology
9193-9202	region of uncertain homology