Table S4. Location of mt-like nuclear genes in *G. raimondii* nuclear genome

Gene	Chr	Identity(%)	Length (bp)	Start	End
atp1	13	100	1,524	52,729,180	52,727,657
atp4	1	100	585	23,747,038	23,746,454
atp6	1	100	816	23,193,243	23,192,428
atp8	1	99.57	465	23,513,264	23,512,802
atp9	1	99.36	312	23,451,543	23,451,234
ccmB	1	99.03	621	23,619,970	23,619,356
ccmC	1	100	753	23,661,749	23,660,997
ccmFc-1	1	100	773	23,336,664	23,337,436
ccmFc-1	2	95.21	773	25,345,205	25,344,434
ccmFc-1	13	98.06	773	52,712,549	52,711,777
ccmFc-2	1	100	580	23,338,392	23,338,971
ccmFc-2	2	94.88	566	25,343,482	25,342,917
ccmFc-2	13	94.01	484	36,216,514	36,216,033
ccmFc-2	13	97.07	580	52,710,823	52,710,246
ccmFn	1	100	1,737	23,180,873	23,179,137
ccmFn	13	96.32	1,737	36,747,505	36,745,815
cob	1	99.92	1,179	23,296,849	23,295,671
cox1	1	100	1,593	23,367,206	23,368,798
cox1	13	98.49	1,593	52,744,877	52,743,285
cox2-1	1	100	698	23,267,015	23,266,318
cox2-2	1	100	85	23,264,813	23,264,729
cox3	1	99.62	798	23,364,995	23,365,791
cox3	13	98.12	798	52,746,969	52,746,172
matR	1	99.9	1,968	23,608,530	23,606,565
matR	5	97.17	1,023	17,921,974	17,922,994
mttB	1	100	801	23,693,899	23,693,099
nad1-1	1	100	387	23,500,432	23,500,046
nad1-1	13	98.19	387	52,691,726	52,692,112
nad1-2	1	100	81	23,233,466	23,233,386
nad1-3	1	100	192	23,234,623	23,234,432
nad1-3	10	91.05	190	15,060,569	15,060,758
nad1-4	1	98.31	59	23,609,249	23,609,192
nad1-4	10	96.43	56	30,338,062	30,338,117
nad1-5	1	100	259	23,605,759	23,605,501
nad2-1	1	100	153	23,757,694	23,757,542
nad2-1	5	96.08	153	17,810,435	17,810,586
nad2-2	1	100	392	23,759,308	23,758,917
nad2-3	1	100	161	23,548,599	23,548,439
nad2-4	1	100	572	23,545,975	23,545,404
nad2-5	1	100	189	23,544,056	23,543,868
nad4-1	1	100	460	23,680,296	23,679,837
nad4-2	1	100	516	23,682,240	23,681,725
nad4-3	1	100	423	23,685,581	23,685,159
nad4-4	1	100	89	23,688,398	23,688,310
nad4L	1	100	303	23,220,667	23,220,365
nad5-1	1	100	230	23,451,993	23,451,764
nad5-2	1	99.92	1,216	23,454,061	23,452,847
nad5-3	1	100	22	23,308,844	23,308,865
nad5-4	1	100	395	23,775,754	23,775,360
nad5-5	1	100	150	23,776,835	23,776,686

nad6	1	100	621	23,798,988	23,798,368
nad7-1	8	87.41	143	16,453,527	16,453,669
nad7-2	9	94.2	69	10,966,040	10,965,972
nad9	1	100	573	23,692,342	23,692,914
rpl10	1	100	489	23,479,164	23,478,676
rpl16	1	100	435	23,251,791	23,251,357
rpl2	1	99.9	1,005	23,312,065	23,311,062
rpl5	1	99.66	582	23,310,564	23,309,983
rpl5	8	89.19	582	18,687,244	18,687,796
rps10-1	1	99.2	250	23,369,917	23,370,164
rps10-1	13	97.58	248	52,742,208	52,741,961
rps10-2	1	100	83	23,368,985	23,369,067
rps10-2	13	97.59	83	52,743,099	52,743,017
rps14	1	99.67	303	23,294,320	23,294,019
rps3-1	1	100	75	23,248,065	23,247,991
rps3-2	1	99.69	1,632	23,251,385	23,249,758
rps4	1	99.27	1,098	23,279,262	23,278,173
rps7	1	99.78	447	23,587,982	23,587,537
sdh3	1	100	435	23,756,635	23,756,201
sdh4	1	100	399	23,364,669	23,365,067