

**Table S5. Location of mt-like nuclear tRNA genes in *G. raimondii* nuclear genome**

<b>tRNA</b>	<b>Chr</b>	<b>Identity</b>	<b>Length (bp)</b>	<b>Start</b>	<b>End</b>
<b>trnW-CCA</b>	1	100	74	23,186,930	23,186,857
<b>trnS-GGA</b>	1	100	87	23,199,416	23,199,330
<b>trnS-GCT</b>	1	100	88	23,231,316	23,231,229
<b>trnF-GAA</b>	1	100	74	23,231,737	23,231,664
<b>trnP-UGG</b>	1	98.68	76	23,232,031	23,231,957
<b>trnM-CAU-1</b>	1	100	81	23,342,432	23,342,512
<b>trnM-CAU-cp</b>	1	100	73	23,419,701	23,419,629
<b>trnM-CAU-2</b>	1	100	73	23,450,444	23,450,372
<b>trnW-CCA</b>	1	98.65	74	23,474,675	23,474,748
<b>trnV-GAC</b>	1	98.61	72	23,483,961	23,483,890
<b>trnY-GUA</b>	1	100	83	23,549,199	23,549,117
<b>trnN-GUU</b>	1	100	72	23,550,166	23,550,095
<b>trnC-GCA</b>	1	100	71	23,552,368	23,552,298
<b>trnE-UUC</b>	1	100	72	23,580,669	23,580,598
<b>trnH-GUG</b>	1	100	74	23,582,754	23,582,681
<b>trnS-UGA</b>	1	100	87	23,616,081	23,615,995
<b>trnK-UUU</b>	1	100	73	23,616,989	23,616,917
<b>trnG-GCC</b>	1	100	72	23,645,773	23,645,702
<b>trnM-CAU-2</b>	1	98.63	73	23,651,459	23,651,387
<b>trnI-UAU</b>	1	100	86	23,661,010	23,660,925
<b>trnD-GUC</b>	1	100	74	23,676,388	23,676,315
<b>trnQ-UUG</b>	1	100	72	23,818,761	23,818,690
<b>trnH-GUG</b>	1	93.06	72	42,544,620	42,544,549
<b>trnH-GUG</b>	2	92	75	26,982,032	26,981,959
<b>trnM-CAU-2</b>	2	95.89	73	52,875,794	52,875,722
<b>trnM-CAU-2</b>	3	90.41	73	13,883,827	13,883,756
<b>trnD-GUC</b>	4	98.61	72	3,555,795	3,555,866
<b>trnS-GGA</b>	4	92.86	84	32,001,956	32,001,873
<b>trnS-GGA</b>	5	95.35	86	7,648,967	7,649,052
<b>trnW-CCA</b>	5	94.59	74	49,260,616	49,260,689
<b>trnM-CAU-2</b>	5	94.52	73	60,057,635	60,057,707
<b>trnD-GUC</b>	7	93.24	74	13,216,197	13,216,124
<b>trnK-UUU</b>	7	98.63	73	22,092,280	22,092,208
<b>trnS-GGA</b>	7	91.76	85	24,488,177	24,488,093
<b>trnM-CAU-cp</b>	7	98.59	71	44,344,852	44,344,922
<b>trnS-GGA</b>	8	96.55	87	26,955,720	26,955,634
<b>trnM-CAU-2</b>	9	95.89	73	22,125,081	22,125,153
<b>trnM-CAU-2</b>	10	91.43	70	28,957,917	28,957,848
<b>trnS-GGA</b>	11	94.32	88	24,281,095	24,281,009
<b>trnS-GGA</b>	13	89.66	87	16,190,205	16,190,119
<b>trnQ-UUG</b>	13	94.2	69	23,940,068	23,940,000
<b>trnW-CCA</b>	13	100	74	36,753,933	36,753,860
<b>trnM-CAU-1</b>	13	97.53	81	52,706,781	52,706,701
<b>trnS-GGA</b>	13	97.7	87	52,748,418	52,748,504