

VERSION #	Source	Gene name	Contig #	Identities	Gaps	query start	query stop	start	stop
AB249645.1	rDNA	Mitragyna speciosa genes for ITS1, 5.8S rRNA, ITS2	56	608/608	0	1	608	8051	7444
KC737658.1	DNA	NADH dehydrogenase subunit F	310	2080/2081	0	1	2081	2296	216
			203721	206/235	1	59	292	235	1
			125702	80/87	0	445	531	110	24
			287812	29/29	0	562	590	1	29
			251817	44/45	0	1892	1936	387	343
KC737719.1	DNA	ribulose-1,5-biphosphate carboxylase/oxygenase large subunit	125	1333/1335	0	76	1410	56874	58208
			368	220/227	0	76	302	6687	6461
			202841	102/111	0	1081	1191	255	145
LC170395.1	DNA	maturase K	125	838/838	0	1	838	3094	2257
LC170396.1	DNA	chloroplast genomic DNA	125	289/292	2	1	290	466	175
JN643922.1	mRNA	Mitragyna speciosa tryptophan decarboxylase	38773	1417/1523	4	1	1521	1894	374
			60114	804/874	7	651	1521	1	870
			96312	928/1103	4	67	1167	1101	1
			156830	443/443	0	1	443	443	1
JF412811.1	mRNA	1-deoxy-D-xylulose 5-phosphate synthase	144208	98/98	0	17	114	1382	1479
			96799	248/275	0	168	442	2277	2003
			101765	191/191	0	252	442	1	191
			101765	278/278	0	440	717	282	559
			101765	219/222	2	715	935	854	1074
JF412812.1	mRNA	1-deoxy-D-xylylose 5-phosphate reductoisomerase	147794	98/103	2	16	118	2248	2148
			147794	135/136	1	103	237	1467	1332
			147794	64/65	0	230	294	1261	1197
			147794	152/152	0	293	444	372	221
			289227	71/71	0	443	513	16	86
			158501	116/116	0	510	625	1210	1095
			158501	108/108	0	623	730	969	862
			158501	47/48	0	727	774	716	669
JF412813.1	mRNA	2-C-methyl-D-erythritol 4-phosphate cytidyltransferase	198793	48/49	0	4	52	1671	1623
			198793	56/56	0	52	107	993	938
			198793	83/83	0	105	187	646	564

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			198793	86/68	0	186	271	485	400
			235188	85/86	0	269	354	327	412
			3198	79/82	1	347	482	559	479
			73911	73/73	0	416	488	1666	1594
			73911	50/50	0	485	534	1432	1383
			73911	95/96	0	531	626	1063	968
JF412814.1	mRNA	4-(cytidine 5'-diphospho)-2-C-methyl-D-erythritol kinase	254239	208/211	2	179	387	731	521
			185460	94/95	0	386	480	1186	1092
			185460	101/102	0	479	580	1008	907
			153,743	100/101	0	580	680	2091	1991
JF412815.1	mRNA	2-C-methyl-D-erythritol 2,4-cyclodiphosphate synthase	204,450	306/398	36	1	398	717	356
			173466	231/234	0	490	723	1107	1340
JF412816.1	mRNA	4-hydroxy-3-methylbut-2-enyl diphosphate synthase	180,959	37/37	0	1	37	569	605
			180,960	58/59	0	58	116	949	891
			180960	124/125	0	112	236	200	76
			306,562	106/106	0	361	466	432	327
			306,532	37/37	0	463	499	37	1
JF412817.1	mRNA	4-hydroxy-3-methylbut-2-enyl diphosphate reductase	19268	125/133	0	2	134	1201	1333
			19268	88/93	0	135	227	1433	1525
			188791	68/68	0	224	291	288	221
			188791	42/42	0	186	227	439	398
JF412818.1	mRNA	geraniol 10-hydroxylase	135397	237/241	0	1	241	665	905
			135,397	428/429	0	240	668	1018	1446
JF412819.1	mRNA	10-hydroxygeraniol oxidoreductase	209,416	69/71	0	4	74	821	891
			209416	475/517	2	68	583	1762	2277
			76,340	217/217	0	367	583	1	217
			76,340	155/156	0	581	736	374	529
			76,340	38/40	0	737	776	636	675
JF412820.1	mRNA	secologanin synthase 1	69,711	101/103	0	1	103	537	639
			69711	379/389	0	100	488	1072	1460

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			114,787	236/239	0	250	488	465	227
			66,593	51/54	0	639	692	1	54
JF412821.1	mRNA	secologanin synthase 2	114,205	167/170	0	319	488	1	170
			155,127	308/392	5	100	488	1005	1394
			114205	204/206	0	487	692	976	1181
JF412822.1	mRNA	secologanin synthase 3	154,101	91/93	0	10	101	532	653
			154101	260/260	0	99	358	863	1122
			126262	321/368	0	100	467	269	664
JF412823.1	mRNA	strictosidine synthase	264438	62/62	0	14	75	216	155
			264438	65/66	0	70	135	66	1
			182348	408/417	0	342	758	529	113
JF412824.1	mRNA	strictosidine beta-D-glucosidase	151223	36/38	0	1	38	1604	1641
			151223	62/62	0	33	94	1748	1809
			250001	76/80	0	92	171	641	720
			151223	79/80	0	92	171	1929	2008
			151223	83/84	0	167	250	2096	2179
			151223	89/90	0	247	336	2287	2376
			155935	81/88	0	249	336	357	444
			151223	305/316	0	336	651	2539	2854
			151223	125/131	1	643	772	2959	3089
JN643922.1	mRNA	tryptophan decarboxylase	156830	443/443	0	1	443	443	1
			38773	1417/1523	4	1	1521	1894	374
			96312	928/1103	4	97	1167	1101	1
			60114	804/874	7	651	1521	1	870
JQ038372.1	mRNA	chloroplast 1-deoxy-D-xylulose 5-phosphate synthase 1	144208	143/145	1	1	145	432	575
			144208	132/132	0	137	268	889	1020
			144208	166/167	0	266	432	1110	1276
			144208	98/98	0	431	528	1382	1479
			96799	248/275	0	582	856	2277	2003
			101765	191/191	0	666	856	1	191

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			96799	259/278	0	854	1131	1912	1635
			101765	278/278	0	854	1131	282	559
			96799	283/309	0	1132	1440	1368	1060
			101765	297/297	0	1129	1425	854	1150
			96799	260/287	0	1435	1721	953	776
			258544	159/160	0	1713	1872	160	1
			258544	112/113	0	1610	1722	347	235
JQ038373.1	mRNA	chloroplast 1-deoxy-D-xylulose 5-phosphate synthase 2	55668	173/174	0	128	301	80	253
			234947	75/75	0	624	698	237	311
			201884	236/278	0	896	1173	488	211
			223932	168/168	0	1309	1476	1	168
			223931	153/163	0	1314	1476	1	163
JQ038374.1	mRNA	chloroplast 1-deoxy-D-xylulose 5-phosphate reductoisomerase	226504	114/118	1	1	117	249	366
			226505	49/53	1	66	117	1	53
			226505	46/46	0	102	147	495	540
			147794	146/146	0	125	270	2561	2416
			147794	99/103	2	268	370	2248	2148
			147794	135/136	1	355	489	1467	1332
			147794	64/65	0	482	546	1261	1197
			147794	152/152	0	545	696	372	221
			289227	71/71	0	695	765	16	86
			158501	116/116	0	762	877	1210	1095
			158501	108/108	0	875	982	969	862
			158501	126/126	0	979	1104	716	591
			158501	214/214	0	1104	1317	427	214
JQ775866.1	mRNA	anthranilate synthase alpha-subunit 2	218217	94/94	0	1	94	1595	1688
			327858	45/45	0	278	322	1	45
			327858	192/193	0	322	514	389	581
			149927	235/248	0	780	1027	2038	1791
			149927	146/158	2	1085	1241	1449	1293

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			163329	28/28	0	1235	1262	560	587
			219684	89/89	0	1318	1406	684	596
			219684	326/326	0	1403	1728	364	39
JQ775867.1	mRNA	anthranilate synthase alpha-subunit 1	191290	180/181	0	1	181	1104	924
			191290	188/188	0	180	367	838	651
			191290	193/193	0	366	558	528	336
			132965	153/153	0	556	708	436	284
			104708	68/68	0	757	824	1	68
			104708	251/252	1	825	1076	161	412
			104708	60/60	0	1069	1128	501	560
			104708	84/85	0	1128	1212	653	737
			104709	142/156	0	1128	1283	118	273
			158680	53/53	0	1231	1283	1	53
			158680	85/85	0	1280	1364	249	333
			104709	78/83	0	1280	1362	638	556
			158680	95/96	1	1357	1451	578	673
			158680	301/301	0	1450	1750	1275	1575