

Alignment of the matK gene sequences of 100 Meliaceae individuals (GenBank) and Cedrela odorata (MG724915; reference)

		20		40		60		80									
JN680342.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680335.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680328.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680341.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680340.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680338.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680336.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680333.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680332.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680331.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680330.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680329.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680339.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680337.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
JN680343.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
EU042835.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
EF489114.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
Cedrela odorata	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
EF489116.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACATGA	C	TTTCCTATAC	C	CACTTTCTTT	T	TTGGGAGTA	80
EU042836.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACATGA	C	TTTCCTATAC	C	CACTTTCTTT	T	TTGGGAGTA	80
EF489117.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
EU042834.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
FM179921.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
LC075517.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
EF489115.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
KF986530.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
KF860160.1	-	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	79
KF860159.1	A	TGGAGGAA	T	TTCAAGTATA	T	TTTAGAACTA	G	ATAGATCTC	A	AACAAACACGA	C	TTTCCTATAC	C	CACTTCCTTT	T	TTGGGAGTA	80
KX426058.1																	
AY128200.1																	
AY128184.1																	
AY128201.1																	
AY128190.1																	
AY128185.1																	
JX982143.1																	
AY128181.1																	
AB925000.1																	
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KP675830.1																	
KF555388.1																	
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AY128198.1																	
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AY128186.1																	
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AY128196.1																	
AB925001.1																	
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KC627568.1																	
JQ626387.1																	
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AB924764.1																	
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KC627552.1																	
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JQ588333.1																	
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KC627583.1																	
JQ588349.1																	
KR531576.1																	
JX517573.1																	
JX495726.1																	

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AB924836.1	-	-	-	-	-	-	-	-	-
AB924866.1	-	-	-	-	-	-	-	-	-
KR530585.1	-	-	-	-	-	-	-	-	-
JF270762.1	-	-	-	-	-	-	-	-	-
JX518246.1	-	-	-	-	-	-	-	-	-
KR531574.1	-	-	-	-	-	-	-	-	-
KJ012791.1	-	-	-	-	-	-	-	-	-
JX517565.1	-	-	-	-	-	-	-	-	-
KR531575.1	-	-	-	-	-	-	-	-	-

	100	120	140	160
JN680342.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680335.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680328.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680341.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680340.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680338.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680336.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680333.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680332.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680331.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680330.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680329.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680339.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680337.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
JN680343.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
EU042835.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
EF489114.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
Cedrele odorata	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
EF489116.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
EU042836.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
EF489117.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
EU042834.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
FM179921.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
LC075517.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
EF489115.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
KF986530.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
KF860160.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
KF860159.1	TATTTATGGA	CTTGCTGATG	ATCATGGTTT	AAATAGATCG
KX426058.1	-----	-----	-----	-----
AY128200.1	-----	-----	-----	-----
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AY128190.1	-----	-----	-----	-----
AY128185.1	-----	-----	-----	-----
JX982143.1	-----	-----	-----	-----
AY128181.1	-----	-----	-----	-----
AB925000.1	-----	-----	-----	-----
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KP675830.1	-----	-----	-----	-----
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MF418907.1	-----	-----	-----	-----
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MF418905.1	-----	-----	-----	-----
AY128186.1	-----	-----	-----	-----
MF418917.1	-----	-----	-----	-----
MF418906.1	-----	-----	-----	-----
MF418916.1	-----	-----	-----	-----
AY128196.1	-----	-----	-----	-----
AB925001.1	-----	-----	-----	-----
MF418921.1	-----	-----	-----	-----
KC627568.1	-----	-----	-----	-----
JQ626387.1	-----	-----	-----	-----
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AB924764.1	-----	-----	-----	-----
FJ514608.1	-----	-----	-----	-----
KC627552.1	-----	-----	-----	-----
LC052214.1	-----	-----	-----	-----
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KC627583.1	-----	-----	-----	-----
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KR531576.1	-----	-----	-----	-----
JX517573.1	-----	-----	-----	-----
JX495726.1	-----	-----	-----	-----

JQ588350.1	-	-	-	-	-	-	-	-	-
AB924836.1	-	-	-	-	-	-	-	-	-
AB924866.1	-	-	-	-	-	-	-	-	-
KR530585.1	-	-	-	-	-	-	-	-	-
JF270762.1	-	-	-	-	-	-	-	-	-
JX518246.1	-	-	-	-	-	-	-	-	-
KR531574.1	-	-	-	-	-	-	-	-	-
KJ012791.1	-	-	-	-	-	-	-	-	-
JX517565.1	-	-	-	-	-	-	-	-	-
KR531575.1	-	-	-	-	-	-	-	-	-

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JQ588350.1	-	-	-	-	-	-	-	-	-
AB924836.1	-	-	-	-	-	-	-	-	-
AB924866.1	-	-	-	-	-	-	-	-	-
KR530585.1	-	-	-	-	-	-	-	-	-
JF270762.1	-	-	-	-	-	-	-	-	-
JX518246.1	-	-	-	-	-	-	-	-	-
KR531574.1	-	-	-	-	-	-	-	-	-
KJ012791.1	-	-	-	-	-	-	-	-	-
JX517565.1	-	-	-	-	-	-	-	-	-
KR531575.1	-	-	-	-	-	-	-	-	-

			260		280		300		320
JN680342.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680335.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680328.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680341.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680340.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680338.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680336.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680333.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680332.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680331.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680330.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680329.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
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JN680337.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
JN680343.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
EU042835.1	AATCAATTTT	TTGGGCACAA	CTATAATTTT	GATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
EF489114.1	AATCAATTTT	TTGGGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
Cedrele odorata	AATCAATTTT	TTGGGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
EF489116.1	AATCGAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
EU042836.1	AATCGAATTTT	TTGTGTACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
EF489117.1	AATCAATTTT	TTGGGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
EU042834.1	AATCAATTTT	TTGGGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
FM179921.1	AATCAATTTT	TTGGGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
LC075517.1	AATCAATTTT	TTGTGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
EF489115.1	AATCAATTTT	TTGGGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
KF986530.1	AATCAATTTT	TTGGGCACAA	CTATAATTTT	TATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
KF860160.1	AATCAATTTT	TTGGGCACAA	CTATAATTTT	GATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	319
KF860159.1	AATCAATTTT	TTGGGCACAA	CTATAATTTT	GATTCTCAAA	TTCTATCAGA	GGTATTTTGA	GTCATTGTGG	AAATTCATT	320
KX426058.1	-	-	-	-	-	-	-	-	-
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AY128184.1	-	-	-	-	-	-	-	-	-
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AY128185.1	-	-	-	-	-	-	-	-	-
JX982143.1	-	-	-	-	-	-	-	-	-
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MF418921.1	-	-	-	-	-	-	-	-	-
KC627568.1	-	-	-	-	-	-	-	-	-
JQ626387.1	-	-	-	-	-	-	-	-	-
MF418918.1	-	-	-	-	-	-	-	-	-
AB924764.1	-	-	-	-	-	-	-	-	-
FJ514608.1	-	-	-	-	-	-	-	-	-
KC627552.1	-	-	-	-	-	-	-	-	-
LC052214.1	-	-	-	-	-	-	-	-	-
JQ588333.1	-	-	-	-	-	-	-	-	-
HM446747.1	-	-	-	-	-	-	-	-	-
JQ588351.1	-	-	-	-	-	-	-	-	-
JQ588332.1	-	-	-	-	-	-	-	-	-
JQ588335.1	-	-	-	-	-	-	-	-	-
KX146369.1	-	-	-	-	-	-	-	-	-
KC627583.1	-	-	-	-	-	-	-	-	-
JQ588349.1	-	-	-	-	-	-	-	-	-
KR531576.1	-	-	-	-	-	-	-	-	-
JX517573.1	-	-	-	-	-	-	-	-	-
JX495726.1	-	-	-	-	-	-	-	-	-

8

		340		360		380		400	
JN680342.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680335.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680328.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680341.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680340.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680338.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680336.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680333.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680332.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680331.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680330.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680329.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680339.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680337.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
JN680343.1	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
EU042835.1	TTGCTAGGA	CTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
EF489114.1	TTGCTAGGA	CTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
Cedrele odorata	TTGCTAGGA	TTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
EF489116.1	TTGCTAGGA	CTAGTATCTT	TTTTAGGAAGG	GAAAGGAATA	GAAAAATCTC	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
EU042836.1	TTGCTAGGA	CTAGTATCTT	TTTTAGGAAGG	GAAAGGAATA	GAAAAATCTC	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
EF489117.1	TTGCTAGGA	TTAGTAGCTT	TTTTAGGAAGG	GAAAGATATA	GAAAAATTTTC	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
EU042834.1	TTGCTAGGA	TTAGTAGCTT	TTTTAGGAAGG	GAAAGATATA	GAAAAATTTTC	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
FM179921.1	TTGCTAGGA	TTAGTAGCTT	TTTTAGGAAGG	GAAAGATATA	GAAAAATTTTC	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
LC075517.1	TTGCTAGGA	TTAGTAGCTT	TTTTAGGAAGG	GAAAGATATA	GAAAAATTTTC	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
EF489115.1	TTGCTAGGA	TTAGTAGCTT	TTTTAGGAAGG	GAAAGATATA	GAAAAATCTC	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
KF986530.1	TTGCTAGGA	TTAGTAGCTT	TTTTAGGAAGG	GAAAGATATA	GAAAAATCTC	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
KF860160.1	TTGCTAGGA	CTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	399
KF860159.1	TTGCTAGGA	CTAGTAGCTT	CTTTAGGAAGG	GAAAGAAATA	GAAAAATCTT	ATAAATTTACA	ATCAATTTCAT	TCAATATTTTC	400
KX426058.1									
AY128200.1									
AY128184.1									
AY128201.1									
AY128190.1									
AY128185.1									
JX982143.1									
AY128181.1									
AB925000.1									
AY128182.1									
KP675830.1									
KF555388.1									
AY128189.1									
AY128188.1									
AY128187.1									
AY128183.1									
AY128202.1									
AY128192.1									
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AY128178.1									
KU159154.1									
AY128198.1									
GQ982002.1									
MF418903.1									
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AB924764.1									
FJ514608.1									
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LC052214.1									
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JQ588335.1									
KX146369.1									
KC627583.1									
JQ588349.1									
KR531576.1									
JX517573.1									
JX495726.1									

10

JQ588350.1	-	-	-	-	-	-	-	-	-
AB924836.1	-	-	-	-	-	-	-	-	-
AB924866.1	-	-	-	-	-	-	-	-	-
KR530585.1	-	-	-	-	-	-	-	-	-
JF270762.1	-	-	-	-	-	-	-	-	-
JX518246.1	-	-	-	-	-	-	-	-	-
KR531574.1	-	-	-	-	-	-	-	-	-
KJ012791.1	-	-	-	-	-	-	-	-	-
JX517565.1	-	-	-	-	-	-	-	-	-
KR531575.1	-	-	-	-	-	-	-	-	-

JQ588350.1	- - - - -	- - - - -	- - - - -	- - -	T C C T C T T	T A C A T T T A T T	A C G G T T C T T T	C T C C A C G A G	A T T T T C	- - -	43
AB924836.1	- - - - -	- - - - -	- - - - -	- - -	G C C T C C T C T T	T A C A T T T A T T	A C G G T T C T T T	C T C C A C G A G	A T T T T	- - -	45
AB924866.1	- - - - -	- - - - -	- - - - -	- - -	G C C T C C T C T T	T A C A T T T A T T	A C G G T T C T T T	C T C C A C G A G	A T T T T	- - -	45
KR530585.1	- - - - -	- - - - -	- - - - -	- - -	C C T C C T C T T	T A C A T T T A T T	A C G G T T C T T T	C T C C A C G A G	A T T T T	- - -	44
JF270762.1	- - - - -	- - - - -	- - - - -	- - -	T C C T C T T	T A C A T T T A T T	A C G G T T C T T T	C T C C A C G A G	A T T T T	- - -	42
JX518246.1	- - - - -	- - - - -	- - - - -	- - -	T C C T C T T	T A C A T T T A T T	A C G G T T C T T T	C T C C A C G A G	A T T T T	- - -	42
KR531574.1	- - - - -	- - - - -	- - - - -	- - -	- - - - -	- - - - - A T T	A C G G T T C T T T	C T C C A C G A G	A T T T T	- - -	29
KJ012791.1	- - - - -	- - - - -	- - - - -	- - -	- - - - -	- - - C A T T T A T T	A C G G T T C T T T	C T C C A C G A G	A T T T T C	- - -	34
JX517565.1	- - - - -	- - - - -	- - - - -	- - -	T C C T C T T	T A C A T T T A T T	A C G G T T C T T T	C T C C A C G A G	A T T T T	- - -	42
KR531575.1	- - - - -	- - - - -	- - - - -	- - -	- - - - -	- - - - -	- - - - -	C C A C G A G	A T T T T	- - -	13

JQ588350.1	-	-	A	T	T	G	G	A	A	T	A	G	T	C	T	T	A	T	T	A	T	T	C	C	A	A	A	G	A	A	C	T	C	C	A	T	T	T	C	C	A	T	T	T	T	T	C	A	A	A	A	A	G	G	A	A	T	C	C	A	A	G	A	T	T	C	T	T	A	T	T	G	T	T	T	C	T	A	T	121
AB924836.1	-	A	A	T	T	G	G	A	A	T	A	G	T	C	T	T	A	T	T	A	T	T	C	C	A	A	A	G	A	A	C	T	C	C	A	T	T	T	C	C	A	T	T	T	T	T	C	A	A	A	A	A	G	G	A	A	T	C	C	A	A	G	A	T	T	C	T	T	A	T	T	G	T	T	T	C	T	A	T	124
AB924866.1	-	A	A	T	T	G	G	A	A	T	A	G	T	C	T	T	A	T	T	A	T	T	C	C	A	A	A	G	A	A	C	T	C	C	A	T	T	T	C	C	A	T	T	T	T	T	C	A	A	A	A	A	G	G	A	A	T	C	C	A	A	G	A	T	T	C	T	T	A	T	T	G	T	T	T	C	T	A	T	124
KR530585.1	-	A	A	T	T	G	G	A	A	T	A	G	T	C	T	T	A	T	T	A	T	T	C	C	A	A	A	G	A	A	C	T	C	C	A	T	T	T	C	C	A	T	T	T	T	T	C	A	A	A	A	A	G	G	A	A	T	C	C	A	A	G	A	T	T	C	T	T	A	T	T	G	T	T	T	C	T	A	T	123
JF270762.1	-	A	A	T	T	G	G	A	A	T	A	G	T	C	T	T	A	T	T	A	T	T	C	C	A	A	A	G	A	A	C	T	C	C	A	T	T	T	C	C	A	T	T	T	T	T	C	A	A	A	A	A	G	G	A	A	T	C	C	A	A	G	A	T	T	C	T	T	A	T	T	G	T	T	T	C	T	A	T	121
JX518246.1	-	A	A	T	T	G	G	A	A	T	A	G	T	C	T	T	A	T	T	A	T	T	C	C	A	A	A	G	A	A	C	T	C	C	A	T	T	T	C	T	A	T	T	T	T	T	C	A	A	A	A	A	G	G	A	A	T	C	C	A	A	G	A	T	T	C	T	T	A	T	T	G	T	T	T	C	T	A	T	121
KR531574.1	-	A	A	T	T	G	G	A	A	T	A	G	T	C	T	T	A	T	T	A	T	T	C	C	A	A	A	G	A	A	C	T	C	C	A	T	T	T	C	C	A	T	T	T	T	T	C	A	A	A	A	A	G	G	A	A	T	C	C	A	A	G	A	T	T	C	T	T	A	T	T	G	T	T	T	C	T	A	T	108
KJ012791.1	-	A	A	T	T	G	G	A	A	T	A	G	T	C	T	T	A	T	T	A	T	T	C	C	A	A	A	G	A	A	C	T	C	C	A	T	T	T	C	C	A	T	T	T	T	T	C	A	A	A	A	A	G	G	A	A	T	C	C	A	A	G	A	T	T	C	T	T	A	T	T	G	T	T	T	C	T	A	T	112
JX517565.1	-	A	A	T	T	G	G	A	A	T	A	G	T	C	T	T	A	T	T	A	T	T	C	C	A	A	A	G	A	A	C	T	C	C	A	T	T	T	C	C	A	T	T	T	T	T	C	A	A	A	A	A	G	G	A	A	T	C	C	A	A	G	A	T	T	C	T	T	A	T	T	G	T	T	T	C	T	A	T	121
KR531575.1	-	A	A	T	T	G	G	A	A	T	A	G	T	C	T	T	A	T	T	A	T	T	C	C	A	A	A	G	A	A	C	T	C	C	A	T	T	T	C	C	A	T	T	T	T	T	C	A	A	A	A	A	G	G	A	A	T	C	C	A	A	G	A	T	T	C	T	T	A	T	T	G	T	T	T	C	T	A	T	92

[illegible]

JQ588350.1	A	T	A	A	T	T	C	T	C	A	T	G	T	A	T	A	T	G	A	A	T	A	T	G	A	A	T	C	C	A	T	C	T	T	C	T	T	T	T	T	T	C	T	C	T	G	T	A	A	C	C	A	A	T	C	T	T	C	T	C	A	T	T	T	A	C	G	A	T	C	A	A	C	A	T	C	C	T	C	T	201
AB924836.1	A	T	A	A	T	T	A	T	C	A	T	G	T	A	T	A	T	G	A	A	T	A	T	G	A	A	T	C	C	A	T	C	T	T	C	T	T	T	T	T	T	C	T	C	T	G	T	A	A	C	C	A	A	T	C	T	T	C	T	C	A	T	T	T	A	C	G	A	T	C	A	A	C	A	T	C	C	T	C	T	204
AB924866.1	A	T	A	A	T	T	A	T	C	A	T	G	T	A	T	A	T	G	A	A	T	A	T	G	A	A	T	C	C	A	T	C	T	T	C	T	T	T	T	T	T	C	T	C	T	G	T	A	A	C	C	A	A	T	C	T	T	C	T	C	A	T	T	T	A	C	G	A	T	C	A	A	C	A	T	C	C	T	C	T	204
KR530585.1	A	T	A	A	T	T	A	T	C	A	T	G	T	A	T	A	T	G	A	A	T	A	T	G	A	A	T	C	C	A	T	C	T	T	C	T	T	T	T	T	T	C	T	C	T	G	T	A	A	C	C	A	A	T	C	T	T	C	T	C	A	T	T	T	A	C	G	A	T	C	A	A	C	A	T	C	C	T	C	T	203
JF270762.1	A	T	A	A	T	T	A	T	C	A	T	G	T	A	T	A	T	G	A	A	T	A	T	G	A	A	T	C	C	A	T	C	T	T	C	T	T	T	T	T	T	C	T	C	T	G	T	A	A	C	C	A	A	T	C	T	T	C	T	C	A	T	T	T	A	C	G	A	T	C	A	A	C	A	T	C	C	T	C	T	201
JX518246.1	A	T	A	A	T	T	A	T	C	A	T	G	T	A	T	A	T	G	A	A	T	A	T	G	A	A	T	C	C	A	T	C	T	T	C	T	T	T	T	T	T	C	T	C	T	G	T	A	A	C	C	A	A	T	C	T	T	C	T	C	A	T	T	T	A	C	G	A	T	C	A	A	C	A	T	C	C	T	C	T	201
KR531574.1	A	T	A	A	T	T	A	T	C	A	T	G	T	A	T	A	T	G	A	A	T	A	T	G	A	A	T	C	C	A	T	C	T	T	C	T	T	T	T	T	T	C	T	C	T	G	T	A	A	C	C	A	A	T	C	T	T	C	T	C	A	T	T	T	A	C	G	A	T	C	A	A	C	A	T	C	C	T	C	T	188
KJ012791.1	A	T	A	A	T	T	A	T	C	A	T	G	T	A	T	A	T	G	A	A	T	A	T	G	A	A	T	C	C	A	T	C	T	T	C	T	T	T	T	T	T	C	T	C	T	G	T	A	A	C	C	A	A	T	C	T	T	C	T	C	A	T	T	T	A	C	G	A	T	C	A	A	C	A	T	C	C	T	C	T	192
JX517565.1	A	T	A	A	T	T	A	T	C	A	T	G	T	A	T	A	T	G	A	A	T	A	T	G	A	A	T	C	C	A	T	C	T	T	C	T	T	T	T	T	T	C	T	C	T	G	T	A	A	C	C	A	A	T	C	T	T	C	T	C	A	T	T	T	A	C	G	A	T	C	A	A	C	A	T	C	C	T	C	T	201
KR531575.1	A	T	A	A	T	T	A	T	C	A	T	G	T	A	T	A	T	G	A	A	T	A	T	G	A	A	T	C	C	A	T	C	T	T	C	T	T	T	T	T	T	C	T	C	T	G	T	A	A	C	C	A	A	T	C	T	T	C	T	C	A	T	T	T	A	C	G	A	T	C	A	A	C	A	T	C	C	T	C	T	172

		740		760		780		800	
JN680342.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTCTA	ATGATTTTCA	788
JN680335.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680328.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680341.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680340.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680338.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680336.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680333.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680332.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680331.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680330.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680329.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680339.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680337.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JN680343.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
EU042835.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
EF489114.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
Cedrela odorata	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
EF489116.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
EU042836.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
EF489117.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
EU042834.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
FM179921.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
LC075517.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
EF489115.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KF986530.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KF860160.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KF860159.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KX426058.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128200.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128184.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128201.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128190.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128185.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JX982143.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128181.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AB925000.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128182.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KP675830.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KF555388.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128189.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128188.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128187.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128183.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128202.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128192.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128191.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128178.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KU159154.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128198.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
GQ982002.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418903.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418902.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418901.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418900.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418899.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418894.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418919.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418895.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418897.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418896.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418907.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418904.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418898.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418915.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418905.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128186.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418917.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418906.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418916.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AY128196.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AB925001.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418921.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KC627568.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JQ626387.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
MF418918.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
AB924764.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
FJ514608.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KC627552.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
LC052214.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JQ588333.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
HM446747.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JQ588351.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JQ588332.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JQ588335.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KX146369.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KC627583.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JQ588349.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
KR531576.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JX517573.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788
JA495726.1	GGAGTTCCTG	TTGAGCGAAT	ATTTTCTAT	AGAAAAGT	CGAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	788

JQ588350.1	GGAGTCTTCG	TTGAGCGAAT	ATATTTCTAT	AGAAAAGT	- - - -	GAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	275
AB924836.1	GGAGTCTTCG	TTGAGCGAAT	ATATTTCTAT	AGAAAAGT	- - - -	GAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	278
AB924866.1	GGAGTCTTCG	TTGAGCGAAT	ATATTTCTAT	AGAAAAGT	- - - -	GAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	278
KR530585.1	GGAGTCTTCG	TTGAGCGAAT	ATATTTCTAT	AGAAAAGT	- - - -	GAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	277
JF270762.1	GGAGTCTTCG	TTGAGCGAAT	ATATTTCTAT	AGAAAAGT	- - - -	GAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	275
JX518246.1	GGAGTCTTCG	TTGAGCGAAT	ATATTTCTAT	AGAAAAGT	- - - -	GAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	275
KR531574.1	GGAGTCTTCG	TTGAGCGAAT	ATATTTCTAT	AGAAAAGT	- - - -	GAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	262
KJ012791.1	GGAGTCTTCG	TTGAGCGAAT	ATATTTCTAT	AGAAAAGT	- - - -	GAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	266
JX517565.1	GGAGTCTTCG	TTGAGCGAAT	ATATTTCTAT	AGAAAAGT	- - - -	GAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	275
KR531575.1	GGAGTCTTCG	TTGAGCGAAT	ATATTTCTAT	AGAAAAGT	- - - -	GAAACA	TCTTGTGAA	GTCTTTTCTA	ATGATTTTCA	246

JQ588350.1	GGACATCTTA	TGGTTGTTCA	AGGATCCTTT	TATGCATTAT	GTTAGATATC	AAGGAAAAATC	CATTCTGGCT	TCAAAAGATA	355
AB924836.1	GGACATCTTA	TGGTTGTTCA	AGGATCCTTT	TATGCATTAT	GTTAGATATC	AAGGAAAAATC	CATTCTGGCT	TCAAAAGATA	358
AB924866.1	GGACATCTTA	TGGTTGTTCA	AGGATCCTTT	TATGCATTAT	GTTAGATATC	AAGGAAAAATC	CATTCTGGCT	TCAAAAGATA	358
KR530585.1	GGACATCTTA	TGGTTGTTCA	AGGATCCTTT	TATGCATTAT	GTTAGATATC	AAGGAAAAATC	CATTCTGGCT	TCAAAAGATA	357
JF270762.1	GGACATCTTA	TGGTTGTTCA	AGGATCCTTT	TATGCATTAT	GTTAGATATC	AAGGAAAAATC	CATTCTGGCT	TCAAAAGATA	355
JX518246.1	GGACATCTTA	TGGTTGTTCA	AGGATCCTTT	TATGCATTAT	GTTAGATATC	AAGGAAAAATC	CATTCTGGCT	TCAAAAGATA	355
KR531574.1	GGACATCTTA	TGGTTGTTCA	AGGATCCTTT	TATGCATTAT	GTTAGATATC	AAGGAAAAATC	CATTCTGGCT	TCAAAAGATA	342
KJ012791.1	GGACATCTTA	TGGTTGTTCA	AGGATCCTTT	TATGCATTAT	GTTAGATATC	AAGGAAAAATC	CATTCTGGCT	TCAAAAGATA	346
JX517565.1	GACAACTC	GGTTGTTCA	AGGATCCTTT	TATGCATTAT	GTTAGATATC	AAGGAAAAATC	CATTCTGGCT	TCAAAAGATA	355
KR531575.1	GGACATCTTA	TGGTTGTTCA	AGGATCCTTT	TATGCATTAT	GTTAGATATC	AAGGAAAAATC	CATTCTGGCT	TCAAAAGATA	326

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JQ588350.1	AGGGCTCATATA	TAAACCACTTT	AGACAAAGCAC	TCTATCAAACT	TTTTGGGCTA	TCTTTCCAGT	GTGGATTAA	ATNTTTTGGT	515
AB924836.1	AGGGCTCATATA	TAAACCACTTT	AGACAAAGCAC	TCTATCAAACT	TTTTGGGCTA	TCTTTCCAGT	GTGGATTAA	ATCTTTTGGT	518
AB924866.1	AGGGCTCATATA	TAAACCACTTT	AGACAAAGCAC	TCTATCAAACT	TTTTGGGCTA	TCTTTCCAGT	GTGGATTAA	ATCTTTTGGT	518
KR530585.1	AGGGCTCATATA	TAAACCACTTT	AGACAAAGCAC	TCTATCAAACT	TTTTGGGCTA	TCTTTCCAGT	GTGGATTAA	ATCTTTTGGT	517
JF270762.1	AGGGCTCATATA	TAAACCACTTT	AGACAAAGCAC	TCTATCAAACT	TTTTGGGCTA	TCTTTCCAGT	GTGGATTAA	ATCTTTTGGT	515
JX518246.1	AGGGCTCATATA	TAAACCACTTT	AGACAAAGCAC	TCTATCAAACT	TTTTGGGCTA	TCTTTCCAGT	GTGGATTAA	ATCTTTTGGT	515
KR531574.1	AGGGCTCATATA	TAAACCACTTT	AGACAAAGCAC	TCTATCAAACT	TTTTGGGCTA	TCTTTCCAGT	GTGGATTAA	ATCTTTTGGT	502
KJ012791.1	AGGGCTCATATA	TAAACCACTTT	AGACAAAGCAC	TCTATCAAACT	TTTTGGGCTA	TCTTTCCAGT	GTGGATTAA	ATCTTTTGGT	506
JX517565.1	AGGGCTCATATA	TAAACCACTTT	AGACAAAGCAC	TCTATCAAACT	TTTTGGGCTA	TCTTTCCAGT	GTGGATTAA	ATCTTTTGGT	515
KR531575.1	AGGGCTCATATA	TAAACCACTTT	AGACAAAGCAC	TCTATCAAACT	TTTTGGGCTA	TCTTTCCAGT	GTGGATTAA	ATCTTTTGGT	486

JQ588350.1	GGTACGGAGT	CAAAATGCTAG	AAAAATTCATT	TATAATAGAT	AATACTATGA	AGAAGGTGGA	TACAAACGTT	CAATTATT	595
AB924836.1	GGTACGGAGT	CAAAATGCTAG	AAAAATTCATT	TCTAATAGAT	AATACTATGA	AAAAGGTGGA	TACAAACGTT	CAATTATT	598
AB924866.1	GGTACGGAGT	CAAAATGCTAG	AAAAATTCATT	TCTAATAGAT	AATACTATGA	AAAAGGTGGA	TACAAACGTT	CAATTATT	598
KR530585.1	GGTACGGAGT	CAAAATGCTAG	AAAAATTCATT	TCTAATAGAT	AATACTATGA	AAAAGGTGGA	TACAAACGTT	CAATTATT	597
JF270762.1	GGTACGGAGT	CAAAATGCTAG	AAAAATTCATT	TATAATAGAT	AATACTATGA	AGAAGGTGGA	TACAAACGTT	CAATTATT	595
JX518246.1	GGTACGGAGT	CAAAATGCTAG	AAAAATTCATT	TATAATAGAT	AATACTATGA	AGAAGGTGGA	TACAAACGTT	CAATTATT	595
KR531574.1	GGTACGGAGT	CAAAATGCTAG	AAAAATTCATT	TATAATAGAT	AATACTATGA	AGAAGGTGGA	TACAAACGTT	CAATTATT	582
KJ012791.1	GGTACGGAGT	CAAAATGCTAG	AAAAATTCATT	TATAATAGAT	AATACTATGA	AGAAGGTGGA	TACAAACGTT	CAATTATT	586
JX517565.1	GGTACGGAGT	CAAAATGCTAG	AAAAATTCATT	TATAATAGAT	AATACTATGA	AGAAGGTGGA	TACAAACGTT	CAATTATT	595
KR531575.1	GGTACGGAGT	CAAAATGCTAG	AAAAATTCATT	TATAATAGAT	AATACTATGA	AGAAGGTGGA	TACAAACGTT	CAATTATT	566

JQ588350.1	A	T	C	T	G	A	T	T	G	G	A	T	C	A	T	T	G	A	C	T	A	A	G	G	C	A	C	G	G	T	T	T	T	G	T	A	A	T	G	C	G	T	T	A	G	G	G	C	A	T	C	C	C	A	T	C	A	G	T	A	A	G	C	C	G	A	C	C	T	G	G	G	C	C	G	A	T	T	T	C	675
AB924836.1	A	T	C	T	G	A	T	T	G	G	A	T	C	A	T	T	G	A	C	T	A	A	G	G	C	A	C	G	G	T	T	T	T	G	T	A	A	T	G	C	A	T	T	A	G	G	G	C	A	T	C	C	C	A	T	C	A	G	T	A	A	G	C	C	G	A	C	C	T	G	G	G	C	C	G	A	T	T	T	C	678
AB924866.1	A	T	C	T	G	A	T	T	G	G	A	T	C	A	T	T	G	A	C	T	A	A	G	G	C	A	C	G	G	T	T	T	T	G	T	A	A	T	G	C	A	T	T	A	G	G	G	C	A	T	C	C	C	A	T	C	A	G	T	A	A	G	C	C	G	A	C	C	T	G	G	G	C	C	G	A	T	T	T	C	678
KR530585.1	A	T	C	T	G	A	T	T	G	G	A	T	C	A	T	T	G	A	C	T	A	A	G	G	C	A	C	G	G	T	T	T	T	G	T	A	A	T	G	C	A	T	T	A	G	G	G	C	A	T	C	C	C	A	T	C	A	G	T	A	A	G	C	C	G	A	C	C	T	G	G	G	C	C	G	A	T	T	T	C	677
JF270762.1	A	T	C	T	G	A	T	T	G	G	A	T	C	A	T	T	G	A	C	T	A	A	G	G	C	A	C	G	G	T	T	T	T	G	T	A	A	T	G	C	A	T	T	A	G	G	G	C	A	T	C	C	C	A	T	C	A	G	T	A	A	G	C	C	G	A	C	C	T	G	G	G	C	C	G	A	T	T	T	C	675
JX518246.1	A	T	C	T	G	A	T	T	G	G	A	T	C	A	T	T	G	A	C	T	A	A	G	G	C	A	C	G	G	T	T	T	T	G	T	A	A	T	G	C	A	T	T	A	G	G	G	C	A	T	C	C	C	A	T	C	A	G	T	A	A	G	C	C	G	A	C	C	T	G	G	G	C	C	G	A	T	T	T	C	675
KR531574.1	A	T	C	T	G	A	T	T	G	G	A	T	C	A	T	T	G	A	C	T	A	A	G	G	C	A	C	G	G	T	T	T	T	G	T	A	A	T	G	C	A	T	T	A	G	G	G	C	A	T	C	C	C	A	T	C	A	G	T	A	A	G	C	C	G	A	C	C	T	G	G	G	C	C	G	A	T	T	T	C	662
KJ012791.1	A	T	C	T	G	A	T	T	G	G	A	T	C	A	T	T	G	A	C	T	A	A	G	G	C	A	C	G	G	T	T	T	T	G	T	A	A	T	G	C	A	T	T	A	G	G	G	C	A	T	C	C	C	A	T	C	A	G	T	A	A	G	C	C	G	A	C	C	T	G	G	G	C	C	G	A	T	T	T	C	666
JX517565.1	A	T	C	T	G	A	T	T	G	G	A	T	C	A	T	T	G	A	C	T	A	A	G	G	C	A	C	G	G	T	T	T	T	G	T	A	A	T	G	C	A	T	T	A	G	G	G	C	A	T	C	C	C	A	T	C	A	G	T	A	A	G	C	C	G	A	C	C	T	G	G	G	C	C	G	A	T	T	T	C	675
KR531575.1	A	T	C	T	G	A	T	T	G	G	A	T	C	A	T	T	G	A	C	T	A	A	G	G	C	A	C	G	G	T	T	T	T	G	T	A	A	T	G	C	A	T	T	A	G	G	G	C	A	T	C	C	C	A	T	C	A	G	T	A	A	G	C	C	G	A	C	C	T	G	G	G	C	C	G	A	T	T	T	C	646

JQ588350.1	N	GGAATTCT	ATAATTATCGA	CCGATTTTTTG	GGTATATGCA	GAAATCTTTC	TCAATTATTAC	AGTGGATCC	-----	746
AB924836.1	G	GGGATTCTC	ATATTATCGA	CCGATTTTTTG	GTATATGCA	GGAATCTTTC	TCAATTATTAC	AGTGGATCC	AAAAAAAAACA	758
AB924866.1	G	GGGATTCTC	ATATTATCGA	CCGATTTTTTG	GTATATGCA	GGAATCTTTC	TCAATTATTAC	AGTGGATCC	AAAAAAAAACA	758
KR530585.1	G	GGGATTCTC	ATATTATCGA	CCGATTTTTTG	GTATATGCA	GGAATCTTTC	TCAATTATTAC	AGTGGATCC	-----	748
JF270762.1	G	GGGATTCTC	ATAATTATCGA	CCGATTTTTTG	GTATATGCA	GAAATCTTTC	TCAATTATTAC	AGTGGATCC	-----	746
JX518246.1	G	GGGATTCTC	ATATTATCGA	CCGATTTTTTG	GTATATGCA	GAAATCTTTC	TCAATTATTAC	AGTGGATCC	-----	746
KR531574.1	G	GGGATTCTC	ATATTATCGA	CCGATTTTTTG	GTATATGCA	GAAATCTTTC	TCAATTATTAC	AGTGGATCC	-----	733
KJ012791.1	G	GGGATTCTC	ATATTATCGA	CCGATTTTTTG	GTATATGCA	GAAATCTTTC	TCAATTATTAC	AGTGG	-----	731
JX517565.1	G	GGGATTCTC	ATAATTATCGA	CCGATTTTTTG	GTATATGCA	GAAATCTTTC	TCAATTATTAC	AGTGGATCC	-----	746
KR531575.1	G	GGGATTCTC	ATAATTATCGA	CCGATTTTTTG	GTATATGCA	GAAATCTTTC	TCAATTATTAC	AGTGGATCC	-----	717

[illegible]

[illegible]

[illegible]

[illegible]

JN680342.1	T	C	A	T	G	A	A	T	G	A	1518
JN680335.1	T	C	A	T	G	A	A	T	G	A	1518
JN680328.1	T	C	A	T	G	A	A	T	G	A	1518
JN680341.1	T	C	A	T	G	A	A	T	G	A	1518
JN680340.1	T	C	A	T	G	A	A	T	G	A	1518
JN680338.1	T	C	A	T	G	A	A	T	G	A	1518
JN680336.1	T	C	A	T	G	A	A	T	G	A	1518
JN680333.1	T	C	A	T	G	A	A	T	G	A	1518
JN680332.1	T	C	A	T	G	A	A	T	G	A	1518
JN680331.1	T	C	A	T	G	A	A	T	G	A	1518
JN680330.1	T	C	A	T	G	A	A	T	G	A	1518
JN680329.1	T	C	A	T	G	A	A	T	G	A	1518
JN680339.1	T	C	A	T	G	A	A	T	G	A	1518
JN680337.1	T	C	A	T	G	A	A	T	G	A	1518
JN680343.1	T	C	A	T	G	A	A	T	G	A	1518
EU042835.1	T	C	A	T	G	A	A	T	G	A	1518
EF489114.1	T	C	A	T	G	A	A	T	G	A	1518
Cedrela odorata	T	A	A	T	G	A	A	T	G	A	1518
EF489116.1	T	C	A	T	G	A	A	T	G	A	1518
EU042836.1	T	-	-	-	-	-	-	-	-	-	1500
EF489117.1	T	C	A	T	G	A	A	T	G	A	1524
EU042834.1	T	C	A	T	G	A	A	T	G	A	1524
FM179921.1	T	C	A	T	G	A	A	T	G	A	1524
LC075517.1	T	C	A	T	G	A	A	T	G	A	1524
EF489115.1	T	C	A	T	G	A	A	T	G	A	1524
KF986530.1	T	C	A	T	G	A	A	T	G	A	1524
KF860160.1	-	-	-	-	-	-	-	-	-	-	1203
KF860159.1	-	-	-	-	-	-	-	-	-	-	1199
KX426058.1	-	-	-	-	-	-	-	-	-	-	868
AY128200.1	-	-	-	-	-	-	-	-	-	-	857
AY128184.1	-	-	-	-	-	-	-	-	-	-	836
AY128201.1	-	-	-	-	-	-	-	-	-	-	857
AY128190.1	-	-	-	-	-	-	-	-	-	-	857
AY128185.1	-	-	-	-	-	-	-	-	-	-	836
JX982143.1	-	-	-	-	-	-	-	-	-	-	881
AY128181.1	-	-	-	-	-	-	-	-	-	-	857
AB925000.1	-	-	-	-	-	-	-	-	-	-	867
AY128182.1	-	-	-	-	-	-	-	-	-	-	857
KP675830.1	-	-	-	-	-	-	-	-	-	-	837
KF555388.1	-	-	-	-	-	-	-	-	-	-	845
AY128189.1	-	-	-	-	-	-	-	-	-	-	836
AY128188.1	-	-	-	-	-	-	-	-	-	-	836
AY128187.1	-	-	-	-	-	-	-	-	-	-	836
AY128183.1	-	-	-	-	-	-	-	-	-	-	836
AY128202.1	-	-	-	-	-	-	-	-	-	-	836
AY128192.1	-	-	-	-	-	-	-	-	-	-	842
AY128191.1	-	-	-	-	-	-	-	-	-	-	836
AY128178.1	-	-	-	-	-	-	-	-	-	-	836
KU159154.1	-	-	-	-	-	-	-	-	-	-	822
AY128198.1	-	-	-	-	-	-	-	-	-	-	836
GQ982002.1	-	-	-	-	-	-	-	-	-	-	820
MF418903.1	-	-	-	-	-	-	-	-	-	-	827
MF418902.1	-	-	-	-	-	-	-	-	-	-	827
MF418901.1	-	-	-	-	-	-	-	-	-	-	827
MF418900.1	-	-	-	-	-	-	-	-	-	-	827
MF418899.1	-	-	-	-	-	-	-	-	-	-	827
MF418894.1	-	-	-	-	-	-	-	-	-	-	827
MF418919.1	-	-	-	-	-	-	-	-	-	-	825
MF418895.1	-	-	-	-	-	-	-	-	-	-	827
MF418897.1	-	-	-	-	-	-	-	-	-	-	827
MF418896.1	-	-	-	-	-	-	-	-	-	-	827
MF418907.1	-	-	-	-	-	-	-	-	-	-	827
MF418904.1	-	-	-	-	-	-	-	-	-	-	827
MF418898.1	-	-	-	-	-	-	-	-	-	-	827
MF418915.1	-	-	-	-	-	-	-	-	-	-	825
MF418905.1	-	-	-	-	-	-	-	-	-	-	827
AY128186.1	-	-	-	-	-	-	-	-	-	-	836
MF418917.1	-	-	-	-	-	-	-	-	-	-	827
MF418906.1	-	-	-	-	-	-	-	-	-	-	827
MF418916.1	-	-	-	-	-	-	-	-	-	-	827
AY128196.1	-	-	-	-	-	-	-	-	-	-	857
AB925001.1	-	-	-	-	-	-	-	-	-	-	849
MF418921.1	-	-	-	-	-	-	-	-	-	-	827
KC627568.1	-	-	-	-	-	-	-	-	-	-	813
JQ626387.1	-	-	-	-	-	-	-	-	-	-	795
MF418918.1	-	-	-	-	-	-	-	-	-	-	827
AB924764.1	-	-	-	-	-	-	-	-	-	-	792
FJ514608.1	-	-	-	-	-	-	-	-	-	-	788
KC627552.1	-	-	-	-	-	-	-	-	-	-	796
LC052214.1	-	-	-	-	-	-	-	-	-	-	786
JQ588333.1	-	-	-	-	-	-	-	-	-	-	772
HM446747.1	-	-	-	-	-	-	-	-	-	-	777
JQ588351.1	-	-	-	-	-	-	-	-	-	-	772
JQ588332.1	-	-	-	-	-	-	-	-	-	-	772
JQ588335.1	-	-	-	-	-	-	-	-	-	-	760
KX146369.1	-	-	-	-	-	-	-	-	-	-	795
KC627583.1	-	-	-	-	-	-	-	-	-	-	756
JQ588349.1	-	-	-	-	-	-	-	-	-	-	746
KR531576.1	-	-	-	-	-	-	-	-	-	-	748
JX517573.1	-	-	-	-	-	-	-	-	-	-	746
JX495726.1	-	-	-	-	-	-	-	-	-	-	744

JQ588350.1	- - - - -	746
AB924836.1	- - - - -	789
AB924866.1	- - - - -	777
KR530585.1	- - - - -	748
JF270762.1	- - - - -	746
JX518246.1	- - - - -	746
KR531574.1	- - - - -	733
KJ012791.1	- - - - -	731
JX517565.1	- - - - -	746
KR531575.1	- - - - -	717