

Amplicon 1

Allele specific upstream primer
5' **TTGAGAAGGTTCAAAGGCCAAATTC AAGTA** downstream primer
CATGCAGAGCAAGGACTGATACAATATCCAACA 3'

KJ660348 -----976 TTGAGAAGGTTCAAAGGCCAAATTC AAGTACATGCAGAGCAAGGACTGATACAATATCCAACA 1037-----
KM233116 -----946 TTGAGAAGGTTCAAAGGCCAAATTC AAGTACATGCAGAGCAAGGACTGATACAATATCCAACA 1008-----
KC242801 -----976 TTGAGAAGGTTCAAAGGCCAAATTC AAGTACATGCAGAGCAAGGACTGATACAATATCCAACA 1037-----

Allele specific upstream primer
5' **CAAGGGATGCACATGGTTGTC** downstream primer
GGGCATGATGCCAACGAYGCTGT 3'

KJ660348 -----1118 CAAGGGATGCACATGGTTGTC **CGG**ACATGATGCCAACGATGCTGT 1162-----
KM233116 -----1088 CAAGGGATGCACATGGTTGTC **CGG**ACATGATGCCAACGATGCTGT 1132-----
KC242801 -----1118 CAAGGGATGCACATGGTTGTC **CGG**CATGATGCCAACGATGCTGT 1162-----

Allele specific upstream primer
GAGGTGAACTCCTTTAAGGCTGCACT downstream primer
AGCTCCCTGGCCAAGCATGGAGAGTAT

KJ660348 -----1295 GAGGTGAACTCCTT**CA**AGGCTGCACT **CA**GCTCCCTGGCCAAGCATGGAGAGTAT 1348-----
KM233116 -----1265 GAGGTGAACTCCTT**CA**AGGCTGCACT **CA**GCTCCCTGGCCAAGCATGGAGAGTAT 1318-----
KC242801 -----1295 GAGGTGAACTCCTTTAAGGCTGCACT **CA**GCTCCCTGGCCAAGCATGGAGAGTAT 1348-----

Amplicon 2

Allele specific upstream primer
5' **TTGCATTTAGATATGAGTTTACAGCACCTTTTATA** downstream primer
GAATATTGCAACCGTTGCTATGGTGTTAAGAATGT 3'

KJ660346 ---13492 TTGCATTTAGGTATGAGTTTACAGCACCTTTTATA **A**GAATATTGCAACCGTTGCTATGGTGTTAAGAATGT 13562---
KM233116 ---13462 TTGCATTTAGGTATGAGTTTACAGCACCTTTTATA **A**GAATATTGCAACCGTTGCTATGGTGTTAAGAATGT 13532---
KC242801 ---13492 TTGCATTTAGATATGAGTTTACAGCACCTTTTATA **A**GAATATTGCAACCGTTGCTATGGTGTTAAGAATGT 13562---

Allele specific upstream primer
5' **CATTATACAATCCCACAGTGTATATGCATGTC** downstream primer
AGTGATTATTATAATCCACCACATAACCTCACACTGGT 3'

KJ660346 --- 13575 CATTATACAATCCCACAGTGTATATGCATGTC **CA**GTGATTATTATAATCCACC**G**CATAACCTCACACTGG 13645---
KM233116 ----13545 CATTATACAATCCCACAGTGTATATGCATGTC **CA**GTGATTATTATAATCCACC**G**CATAACCTCACACTGG 13615---
KC242801 ---- 13576 CATTATACAATCCCACAGTGTATATGCATGTC **CA**GTGATTATTATAATCCACCACATAACCTCACACTGG 13645---

Allele specific upstream primer
5' **GGGCCTAGTTCATACAGGGGTCATATG** downstream primer
GGAGGGATTGAAGGACTGCAACAAAACTCT 3'

KJ660346 ---- 13670 GGGCCTAGTTCATACAGGGGTCATAT **G**GGAGGGATTGAAGGACTGCAACAAAACTCT 13728---
KM233116 ---- 13639 GGGCCTAGTTCATACAGGGGTCATAT **G**GGAGGGATTGAAGGACTGCAACAAAACTCT 13697----
KC242801 -----13670 GGGCCTAGTTCATACAGGGGTCATAT **G**GGAGGGATTGAAGGACTGCAACAAAACTCT 13728---