

SUPPLEMENTAL MATERIAL

Table 1. Oligonucleotides used in this study

Oligonucleotides (mutation, restriction site)	Oligonucleotides (Individual or annealed) ^a
SC69/70 (<i>b</i> _{I76C} , + <i>Nde</i> I)	SC69 - 5' GCCCAGGTCATATGCGAGCAGGCGAACAAACGCCGC 3' SC70 - 3' CGGGTCCAGTATACGCTCGTCCGCTTGTGGCGCG 5'
SC71/72 (<i>b</i> _{R83C} , + <i>Bgl</i> II)	SC71 - 5' CATCGAGCAGGCGAACAAACGCTGCTCGCAGATCTTAGACGAAGCG 3' SC72 - 3' GTAGCTCGTCCGCTTGTGGCGACGAGCGTCTAGAATCTGCTTCGC 5'
SC73/74 (<i>b</i> _{A90C} , + <i>Bgl</i> II)	SC73 - 5' CGCCGCTCGCAGATCTTAGACGAATGCAAAGCTGAGGCAGAACAG 3' SC74 - 3' GCGGCGAGCGTCTAGAATCTGCTTACGTTTCGACTCCGCTTTGTC 5'
SC75/76 (<i>b</i> _{E97C} , + <i>Bts</i> I)	SC75 - 5' GCTGAGGCAGAGCAGTCCCGTACTAAAATCGTGGCCCG 3' SC76 - 3' CGACTCCGTCTCGTCACGGCATGATTTAGCACCGGGTC 5'
MP7/8 (<i>Tb</i> _{A83C} , + <i>Mlu</i> I)	MP7 - 5' CGTGAAGATGCTCTGACGCGTTGCAAAGCTGTTCTAGACGAAGC 3' MP8 - 3' GCACCTTCTACGAGACTGCGCAACGTTTCGACAAGATCTGCTTCG 5'
MP9/10 (<i>Tb</i> _{A90C} , + <i>Mlu</i> I)	MP9 - 5' GATGCTCTGACGCGTGCTAAAGCTGTTCTAGACGAATGCAAAGCTGAGGC 3' MP10 - 3' CTACGAGACTGCGCACGATTCGACAAGATCTGCTTACGTTTCGACTCCG 5'
MP11/12 (<i>Tb</i> ' _{A83C} , + <i>Mlu</i> I)	MP11 - 5' GGCTCAGGCTCTGATCGAAGAAGCAGCGTGAATGTCAGAAAATCTAGACG 3' MP12 - 3' CCGAGTCCGAGACTAGCTTCTTCGTGCGCAACTTACAGTCTTTAAGATCTGC 5'
MP13/14 (<i>Tb</i> ' _{A90C} , + <i>Mlu</i> I)	MP13 - 3' CGAAGAAGCAGCGTGAAGCTCAGAAAATCTAGACGAATGTAAGCTGAGGC 5' MP14 - 5' GCTTCTTCGTGCGCAACTTCGAGTCTTTAAGATCTGCTTACATTCGACTCCG 3'
SD101 (<i>Tb</i> _{D53-Fwd} , + <i>Nde</i> I)	SD101 - 5' GGATTCATATGTCTTACGTTGCCGCGC 3'
SD102 (<i>Tb</i> ' _{D53-Fwd} , + <i>Nde</i> I)	SD102 - 5' GGATTCATAIGTCTTACCAGGCTACTGAGCTAG 3'
SD103 (<i>b</i> _{K122-Rev} , +GGGC, <i>Hind</i> III)	SD103 - 5' CCGGAAGCTTAACAACCACCACCCTTACGCAGCTCTTC 3'
SD104 (<i>b</i> _{L156-Rev} , + <i>Hind</i> III)	SD104 - 5' CCTGGAAGCTTAGAGCTCAGCGACAAGTTTATCCAC 3'

a – Added restriction sites are underlined