

Table 2 Primers used for PCR amplification of promoters of target genes or gene clusters

Genes or gene cluster	Primers and sequences (5-3)
Rv0551c	0551cpf: AATTCTAGAGTTGGCCGCGCATCGTCGAC 0551cpr: GCATCGCTTCGTCCCCCGCAAGCGGGTGGT
Rv2590	2590pf: GCGCTCTAGAATCATCCGGCTACTGCCGCC 2590pr: TGCGGTACCTCGGCGTGCCGAAAGGGTG
Rv3504-3505	35045pf: ATAGTCTAGACGGCACCTCCTTACCCTGA 35045pr: TCTCAGTGCCTCCGATTGAATGATCGCGT
Rv3537-3538	35387pf: ATAGTCTAGACGGGATGGGCGGCGGTCAGT 35387pr: ACCACCACGACGTGAACTCCTGCACAGTC
Rv0467-0468	0467pf: ATATTCTAGATCGATCCGTGGGTTTACCTG 0467pr: TAGACAACTCCTTAACGGTCTTTTATTGCC
Rv0469	0469pf: GCGCTCTAGAGATCGCGGACAAGATGTTTCG 0469pr: TGCCGGCCGAACCTCTCATCTGTGTGATCGC
Rv3197A	3197Apf: GCATTCTAGAAACCGGGCCTGTACCGGCAA 3197Apr: GTCTGTTCACCTGCTTCCTGGTCTGGTG
Rv3132-3134c	3133cpf: GCGCTCTAGATACTCCGACGGCCCTAACG 3133cpr: TCGCCGTCTCCTTCGCTGGGGCGGATACAT
Rv2930-2939	2930pf: GCGCTCTAGAACTACCAATTCGTCACCGGC 2930pr: TCGCCTTGTAATCCCATTCGGCTTTCTGGC
Rv0244c	0244cpf: GCGCTCTAGACTAGAGCCGAGGACGTAGTT 0244cpr: CTGCCGATCCTCCTCGTTGAGAGTGCCACC
Rv3543c-3545c	354305pf: GCATTCTAGAGTGAAGGCCGGACTGGATGC 354305pr: CTAGCTGTCTAGTGAGGACCTTCTGCCAG
Rv3550-3552	35502pf: GATATCTAGATGCCGCTCCCGATCTCACC 35502pr: TTGCACTCCTGCGGGTTCGCTACCTAAGCA
Rv1094	1094pf: ATATTCTAGAGGCTTCGCGACACCGAGTT 1094pr: TGCGGTAACTGTAACCTCGCATACACAGATT
Rv1908c-1909c	1909cpf: ATATTCTAGAACCACTACCGGTTTACCC 1909cpr: ATATGACTCCCTTTCTGGAATCAGTCAAG
Rv3249c-3252c	32510cpf: TTCACAGCTCCGTGGGTGCCGTTACTTCCG 32510cpr: TATGCCAAACCTCCTCATGAGCCACACCAC
Rv1460-1466	14606pf: GCGATCTAGAACCGTTTGATTTCGTGACGG 14606pr: CATTGAGATCGCCTAAGCAATTCCCGGGCA
Rv0350-0353	03501pf: ATATTCTAGAACCGTCAGCACGCCAGTTCA 03501pr: TGGTGAATCCTCCTGAATATGTAGAGCTTC
Rv0440	0440pf: ATATTCTAGACCCGGTGCGGGGCTTCTTGC 0440pr: TTGCGAAGTGATTCTCCGGATCGGGGATG
Rv3417c-3418c	3417cf: ATATTCTAGAACCCGGACATTGCACCTGGC 3417cr: CGATTGGAGCCCTCCACTATTTGGATCAGA
Rv3874-3875	38745f: TATATCAGGTGACGTCGTTGTTTACG 38745r: GCTGGACTACTTCTCTCTTTACCT
Rv2031 promoter	2031pF: CCCGGCCGGAGTGGTCGGTCGCGTA 2031pR: CTAGGGACAGAAGTCCCCGAAGCGC
Rv2031 mutant promoter	2031pf: CCCGGCCGGAGTGGTCGGTCGCGTAAAG 2031pr: GTGATCCACAACCGGACCATTGACCTG