

A

1 10 20 30 40 50
 ATGACCTCTTCTCATCTTATCGACACCGAGCAGCTTCTGGCTGACCAACTCGCACAG

60 70 80 90 100 110
 GGAGCCCGGATCTGCTGCGCGGGCTGCTCTCGACGTTTCATCGCCGCCCTTGATGGGG
 IS1081_F1

120 130 140 150 160 170
 GCTGAAGCCGACGCCCTGTGCGGGGCGGGCTACCGCGAACGCAGCGATGAGCGGTCC
 IS1081_P1 IS1081_R1

180 190 200 210 220
 AATCAGCGCAACGGCTACCGCCACCGTGATTTTCGACACCCGTGCCGCAACCATCGAC
 IS1081_R1

230 240 250 260 270 280
 GTCGCGATCCCCAAGCTGCGCCAGGGCAGCTATTTCCCGGACTGGCTGCTGCAGCGC
 IS1081_F2

290 300 310 320 330 340
 CGCAAGCGAGCTGAACGCGCACTGACCAGCGTGGTGGCGACCTGCTACCTGCTGGGA
 IS1081_P2 IS1081_R2

350 360 370 380 390
 GTATCCACTCGCCGGATGGAGCGCCTGGTCGAAACACTTGGTGTGACAAAGCTTTCC
 IS1081_R2

400 410 420 430 440 450
 AAGTCGCAAGTGTGATCATGGCCAAAGAGCTCGACGAAGCCGTAGAGGC GTTTTCGG

460 470 480 490 500 510
 ACCCGCCCGCTCGATGCGGGCCCGTATACCTTTCCTCGCCGCCGACGCCCTGGTGCTC

520 530 540 550 560 570
 AAGGTGCGCGAGGCAGGCCGCGTCTCGGAGTGCACACCTTGATCGCCACCGGCGTCT

580 590 600 610 620
 AACGCCGAGGGCTACCGAGAGATCCTGGGCATCCAGGTCACTCCGCCGAGGACGGG
 IS1081_F3 IS1081_P3

630 640 650 660 670 680
 GCCGGCTGGCTGGCGTTCTTCCGCGACCTGGTCCGCCGCGGCCCTGTCCGGGGTCCGG
 IS1081_R3

690 700 710 720 730 740
 CTGGTCAACAGCGACGCCACGCCGGCC TGGTGGCCGCGATCGGCGCCACCCCTGCC

750 760 770 780 783
 GCAGCGGCCCTGGCAGCGCTGCAGAACCCACTACGCAGCCAAAT

B

