

SHP-1 Sequence and restriction enzymes for Spin genotyping

acgctgagccttcagtggacttaaggctgggggtgccacgaggggggactcagccctgaagggtggccttacttgggtgc
ccttcagGGTGGACGCTATACTGTGGGTGGCTCAGAGACGTTTGACAGCCTCACAGACCTGGTGGAGCACTTCAAGAAGA
CAGGATTGAGGAGGCCTCGGGTGCCTTTGTCTACCTGCGGCAGtgagggggccgacatgcttgccctttccctgagcc
atcggagatgtggctttctgaggtctctcggccgctgacttctcgtcctccctcacctca

Primers:

Spin F acgctggagccttcagtggac

Spin R tgaggtgagggaggacga

Cycling conditions

94C 2min

35 x

94C 30seconds

55C 30seconds

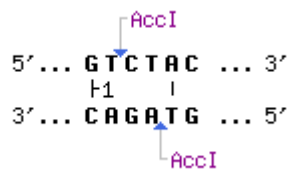
72C 45seconds

72C 7min

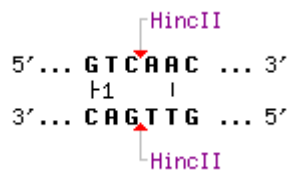
4C

SEQUENCE SIZE: 300

192 + 108 bp fragments after restriction digestion with AccI or HincII



C57BL/6



Spin