

## Sepp1 Floxed Genotyping Protocol

Primers (5'->3')

WS1004 TCC TAG ATT GGC AGA GGA TAG AAT GAA

WS1005 TCA GAA ACA CCT TCC AAC TGT AAT GC

Reagents per reaction: 12.5uL GoTaq Master Mix (Promega catalog#M7123), 11.3uL water, 0.1uL of each primer, and 1uL of DNA.

Thermocycler temp parameters:

94 2 min

94 30 sec

58 30 sec

72 20 sec (rpt 2-4 for 35 cycles)

72 7 min

4 Hold

Run on 2% agarose gel

PCR product band sizes: Flox = 200bp; WT = 100bp