

## Sepp1 U40S 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

Per reaction: 12.5uL GoTaq Green Master Mix, 11.3 uL water, 0.1 uL of each primer, and 1uL of DNA

Thermocycler temp parameters:

94 2 min

94 30 sec

58 30 sec

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

72 7 min

22 Hold

Run products on 2% agarose gel

PCR band sizes: Mutant = 198; WT = 116