

STRAIN: EM01398 (NOD.B6-C17-R2)

PRIMER 1: D17MIT28 5'- ACT-CAG-GAC-TCA-GAA-TGA-AGA-TCC-3'

PRIMER 2: D17MIT28 5'- ATT-CCT-AGA-TGA-AAA-GTC-TGT-GGC-3'

PRIMER 1: D17MIT28 15pm / total volume 30ul Tm: 70°C

PRIMER 2: D17MIT28 15pm / total volume 30ul Tm: 68°C

PCR MIX

DNTPS (2mM)	3ul
PCR BUFFER 10x	3ul
PRIMER 1: D17MIT28 (0.5pm/ul)	
PRIMER 2: D17MIT28 (0.5pm/ul)	
H2O	
TAQ POLYMERASE (5U/ul)	0.16ul
DNA	1ul
TOTAL	30ul

PCR PROGRAM:

- 1) 95°C x 2'00''
- 2) 95°C x 0'30''
- 3) 66°C x 0'30''
- 4) 72°C x 1'30''
- 5) step 2 to step 5 x 45 repeats
- 6) 72°C x 10'00''
- 7) 4°C forever
- 8) End

MUTATION(B6): 130 bp

WT(NOD): 110 bp