

STRAIN: EM:01791 (NOD.B6-C1M)

PRIMER D1MIT26 5'-GAG/GAA/TCT/TGA/ATG/GGC/AA -3'

PRIMER D1MIT26 5'-CTG/ACA/ACA/CCC/TCT/GGC/TT -3'

PRIMER D1MIT26 15pm / total volume 30ul Tm: 58°C

PRIMER D1MIT26 15pm / total volume 30ul Tm: 62°C

PCR MIX

DNTPS (2mM)	3ul
PCR BUFFER 10x	3ul
PRIMER D1MIT26 (0.5pm/ul)	
PRIMER D1MIT26 (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) 56°C x 0'30''
- 4) 72°C x 1'30''
- 5) step 2 to step 5 x 40 repeats
- 6) 72°C x 10'00''
- 7) 4°C forever
- 8) End

MUTATION: 200BP(B6) WILD TYPE: 220 BP(NOD)