

**STRAIN: EM:01406 (CBA.NOD-C17S)**

**PRIMER 1: D17MIT152 5'- CCA/GTA/TTC/TAG/CTG/CCC/GA -3'**

**PRIMER 2: D17MIT152 5'- GAT/AAA/AAT/GAG/ATC/AAG/ATG/GGG -3'**

PRIMER 1: D17MIT152 15pm / total volume 30ul Tm: 62°C

PRIMER 2: D17MIT152 15pm / total volume 30ul Tm: 66°C

**PCR MIX**

DNTPS (2mM)	3ul
PCR BUFFER 10x	3ul
PRIMER 1: D17MIT152 (0.5pm/ul)	
PRIMER 2: D17MIT152 (0.5pm/ul)	
H2O	
TAQ POLYMERASE (5U/ul)	0.16ul
DNA	1ul
<b>TOTAL</b>	<b>30ul</b>

**PCR PROGRAM:**

- 1) 95°C x 2'00''
- 2) 95°C x 0'30''
- 3) 60°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(NOD): 100 bp

WT(CBA): 120 bp