

RBRC05952 C57BL/6-Tg(CD2-Lrrc32, GFP) 1Hfuj

PCR Condition Data Sheet

reaction mixtures	tube 1		cycling condition			
DW	5.8	μl	94 °C	2	min	× 28 cycle
10 × PCR Buffer Mg2+ (+)	1	μl	94 °C	20	sec	
2.5 mM dNTP	0.8	μl	60 °C	30	sec	
primer #1 5 pmol/μl	0.8	μl	72 °C	30	sec	
Primer #2 5 pmol/μl	0.8	μl	72 °C	10	min	
Taq polymerase (5 U/μl)	0.05	μl				
DNA	0.8	μl				
total	10	μl				

Taq product name (company)

rTaq (Takara)

primer #1 name GFP-62 (26008) (24 mer)
 sequence 5' CGACGTAACGGCCACAAGTTCAG 3'

primer #2 name GFP reverse (25082) (20 mer)
 sequence 5' ATGCCGTTCTTCTGCTTGTC 3'

primer set		product size	wild or mutant band
primer #1 ⇔ primer # 2	no amplification	bp	wild
primer # 1 ⇔ primer # 2	400	bp	transgenic

Figures (Construction Map, Electrophoretogram) :

