

## RBRC05951 B6.Cg-Lrrc32&lt;tm1.1Hfuj&gt;

## PCR Condition Data Sheet

| reaction mixtures             | tube 1       | cycling condition |         |            |
|-------------------------------|--------------|-------------------|---------|------------|
| DW                            | 3.15 $\mu$ l | 94 $^{\circ}$ C   | 2 min   | × 32 cycle |
| 10 $\times$ LA PCRBuffer      | 1 $\mu$ l    | 94 $^{\circ}$ C   | 20 sec  |            |
| 2.5 mM dNTP                   | 1.6 $\mu$ l  | 60 $^{\circ}$ C   | 30 sec  |            |
| primer #1 5 pmol/ $\mu$ l     | 0.8 $\mu$ l  | 72 $^{\circ}$ C   | 2.5 min |            |
| Primer #2 5 pmol/ $\mu$ l     | 0.8 $\mu$ l  | 72 $^{\circ}$ C   | 10 min  |            |
| 25 mM MgCl <sub>2</sub>       | 1.0 $\mu$ l  |                   |         |            |
| Taq polymerase (5 U/ $\mu$ l) | 0.05 $\mu$ l |                   |         |            |
| DNA                           | 1.6 $\mu$ l  |                   |         |            |
| total                         | 10 $\mu$ l   |                   |         |            |

Taq product name (company)

LA Taq (Takara)

primer #1 name GARP3 (26452) (21 mer)  
sequence 5' GTCCCTCTGTCACCTGAGCAC 3'

primer #2 name A1 (26450) (25 mer)  
sequence 5' CTCCACTTTGCCTATGGTACTCTTG 3'

| primer set |              | product size | wild or mutant band |
|------------|--------------|--------------|---------------------|
| primer #1  | ⇔ primer # 2 | 3.3 kbp      | wild                |
| primer # 1 | ⇔ primer # 2 | 3.1 kbp      | deleted             |

## Figures (Construction Map, Electrophoretogram) :

