

PCR protocol

RBRC 03105 Strain name SCG/ThpNkc

| Primer | primer_name | primer_seq | length | |
|--------|-------------|------------------------|--------|---------------------------------------|
| 1 | | AGGTTACAAAAGGTCACCC | 19 | Clin. Exp. Immunol., 116 (1): 153-163 |
| 2 | | GATACGAAGATCCTTTCCTGTG | 22 | Clin. Exp. Immunol., 116 (1): 153-163 |
| 3 | | CAAACGCAGTCAAATCTGCTC | 21 | Clin. Exp. Immunol., 116 (1): 153-163 |
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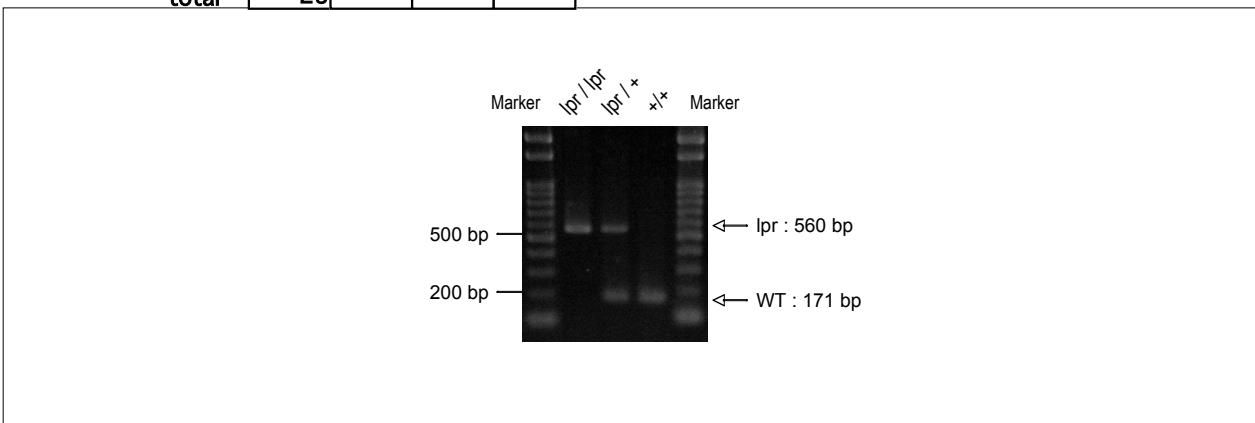
Reaction Components

| | |
|--------|---------------------------------|
| Enzyme | TaKaRa Ex Taq (Cat. No. RR001A) |
|--------|---------------------------------|

Reaction Conditions

| | Conc | Run 1 | Run 2 | Run 3 | Run 4 |
|------------|------------------|-------|-------|-------|-------|
| H2O | | 16.3 | | | |
| PCR buffer | 10 X | 2.5 | | | |
| dNTP | 2.5 mM | 2.0 | | | |
| primer 1 | 10 pmol/ μ l | 1.0 | | | |
| primer 2 | 10 pmol/ μ l | 1.0 | | | |
| primer 3 | 10 pmol/ μ l | 1.0 | | | |
| DNA | | 1.0 | | | |
| Taq | 5U/ μ l | 0.2 | | | |
| total | | 25 | | | |

| step | temp (°C) | time (sec) | note |
|------|-----------|------------|-----------------------|
| 1 | 94 | 180 | |
| 2 | 94 | 30* | |
| 3 | 60 | 30* | |
| 4 | 72 | 60* | *Repeat for 30 cycles |
| 5 | 72 | 300 | |
| | | | |
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Marker
Gene Ladder 100 (Wako, Cat. 316-06951)

Gel
2% agarose in 1 X TAE (100 V, 30 min)

PCR products

| primer_set | product_size | product |
|------------|--------------|---------|
| primer 1 | primer 3 | 171 bp |
| primer 1 | primer 2 | 560 bp |
| | | |
| | | |

Comment