

BRC_No 01493

Strain name NKTクローンマウス 24-F4-1

Primer

	primer_name	primer_seq	length
1		GACCCAAGTGGAGCAGAGTC	20
2		AGGTATGACAATCAGCTGAGTCC	23
3	Ja19330 right	GTCACGGCATTAGCAAGGTTGAGAA	25
4	Ja19330 Left	TGAGAGCTGTCTCCTACTATCGATT	25
5	Jβ7-ANTI	TGAGAGCTGTCTCCTACTATCGATT	25
6	Jβ8S2	GATACAAGGCCTCCAGACCA	20

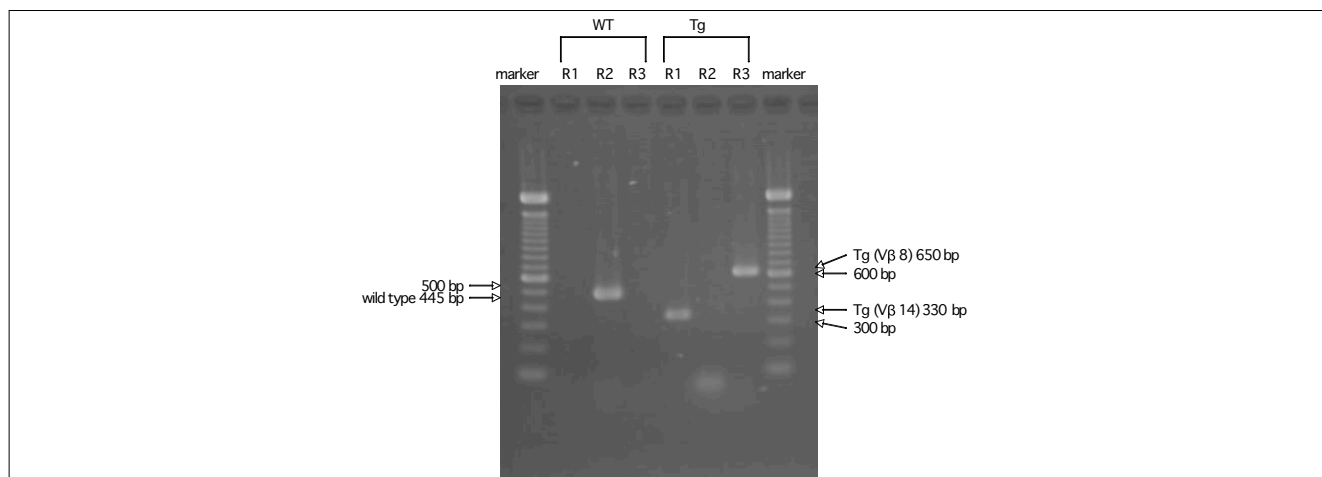
Reaction Components

Enzyme Roche Taq (Cat. No. BM1418432)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3
H2O		17.3	17.3	17.3
PCR buffer	10 X	2.5	2.5	2.5
dNTP	2.5 mM	2.0	2.0	2.0
primer 1	10 pmol/μl	1.0	0	0
primer 2	10 pmol/μl	1.0	0	0
primer 3	10 pmol/μl	0	1.0	0
primer 4	10 pmol/μl	0	1.0	0
primer 5	10 pmol/μl	0	0	1.0
primer 6	10 pmol/μl	0	0	1.0
DNA		1.0	1.0	1.0
Taq		0.2	0.2	0.2
total		25	25	25

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	60	30*	
4	72	60*	*Repeat for 35 cycles
5	72	300	



Marker

100 bp ladder (Invitrogen, Cat. 15628-050)

Gel

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

PCR products

primer_set	product_size	product
primer 1 primer 2	330 bp	Tg (Vα 14)
primer 3 primer 4	445 bp	wild
primer 5 primer 6	650 bp	Tg (Vβ 8)

Comment