

BRC_No 01309

Strain name 抗糖鎖抗体遺伝子導入マウス

Primer			
primer_name	primer_seq	length	
1	L chain	TTGGTCCCAGCACCCGAACGTGAGT	24
2	L chain	TCTTTAAGGCAGCTGCCAGGAG	22
3	H chain	AGTCAAAGTAGGCCCGAGCTGTCC	24
4	H chain	TCTAGCAGTGGGATCCTGTCCTG	23
5	oIMR0042	CTAGGCCACAGAATTGAAAGATCT	24
6	oIMR0043	GTAGGTGGAAATTCTAGCATCATCC	25

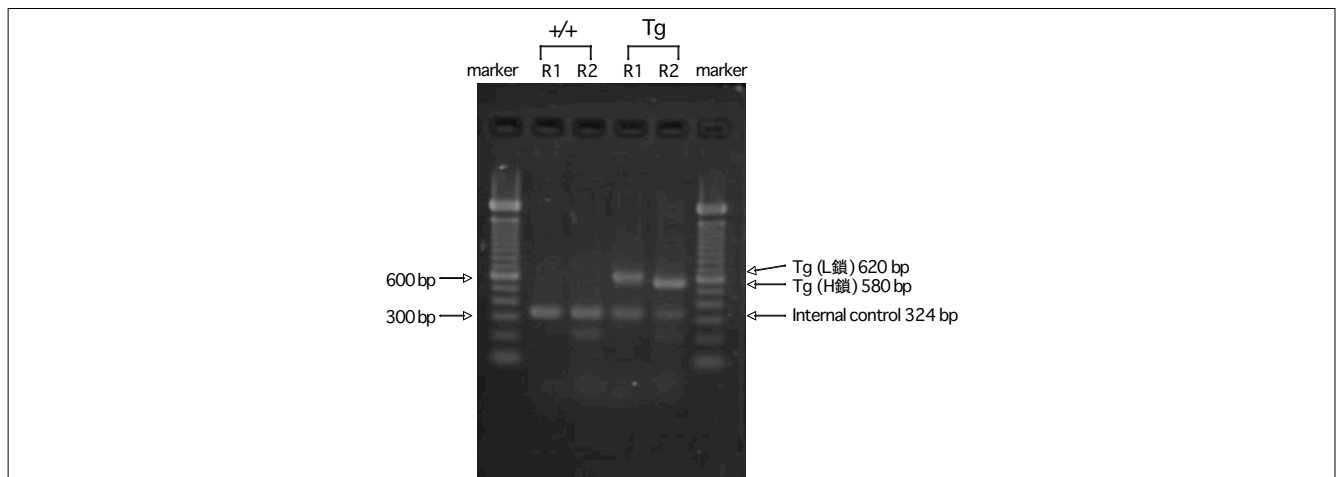
Reaction Components

Enzyme Roche Taq (Cat. No. BM1418432)

Reaction Conditions

Conc	Run 1	Run 2	Run 3
H2O	15.3	15.3	
PCR buffer	2.5	2.5	
dNTP	2.0	2.0	
primer 1	1.0	0	
primer 2	1.0	0	
primer 3	0	1.0	
primer 4	0	1.0	
primer 5	1.0	1.0	
primer 6	1.0	1.0	
DNA	1.0	1.0	
Taq	0.2	0.2	
total	25	25	

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	55	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	620 bp	Tg (L鎖)
primer 3	580 bp	Tg (H鎖)
primer 5	324 bp	internal control (IL-2)

Comment