

PCR protocol

RBRC 03899

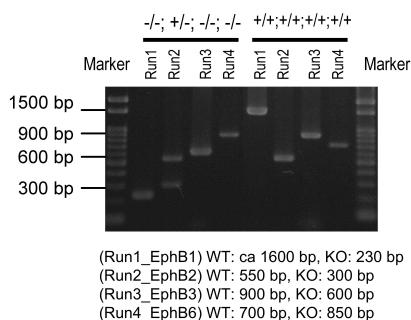
Strain name STOCK Ephb1 <tm1Cmn> Ephb2<tm1Paw> Ephb3<tm1Kln> EphB6<tm2Tom>

Primer	primer_name	primer_seq	length		
1	EphB1-3'	CCTTGCAGGCCACGCTGTTC	20		Depositor's primer
2	EIK5'	GTCCTTCCCATATGCCTCCTC	21		Depositor's primer
3	PCR-Neo-beta-2	TACCCGGTAGAATTGACCTGCAG	23		Depositor's primer
4	EphB2-F1	AAACCCTGATGGACTCTACGACAGC	25		Depositor's primer
5	Neo3	GTCAGTTTCATAGCCTGAAGAACG	24		Depositor's primer
6	N1B	GGGTACATCTCAGTGGTAGAATG	23		Depositor's primer
7	S44	CCAGCAACGCCGTGTGACCTGTG	23		Depositor's primer
8	S43	GCTCCCGATTGCGAGCGCATCG	22		Depositor's primer
9	S45	ACCAGGGAGCTGGTGTAGGTGGG	23		Depositor's primer
10	EphB6 F	GGAATAACTCCTACCAGACAAGAAGG	26		Depositor's primer
11	EphB6 R	CAGAGCTAGAACTGATGACCCTAG	24		Depositor's primer
12	Neo	AGCTCATTCTCCCACTCATGATC	24		Depositor's primer

Reaction Components

Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

Reaction Conditions

[illegible]

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 2	primer 1 or 3	ca1600, 230 bp	WT, KO (Eph B1)
primer 6	primer 4 or 5	550, 300 bp	WT, KO (Eph B2)
primer 7	primer 9 or 8	900, 600 bp	WT, KO (Eph B3)
primer 10	primer 11 or 12	700, 850 bp	WT, KO (Eph B6)

Comment