

Integrin beta8-neo ID 914

Description: neo^r cassette replaces 45aa at C-terminus of Exon IV.

Generated: Reichardt's lab

Background: mixed (bl6xICR)

Housed: both clean and dirty side

Reference:

Genotyping:

DW56- AGAGGCCACTTGTGTAGCGCCAAG

DW94- GGAGGCATACAGTCTAAATTGT

DW74- ATTATCTGGTTGATGTGTCAGC

JZ153- AGAGAGGAACAAATATCCTTCCC

Expected size : DW56/94 ~500bp(mutant); DW74/JZ153 ~350bp(WT)

Can run two sets together in one reaction.

PCR conditions: new PCR machine and Ampli Taq

94Cx2' → [94Cx30'' – 65Cx30'' – 72Cx30''] x35 → 72Cx5'

Line: Tie2/lacZ

Description: lacZ under Tie2 promoter

Generated: Tom Sato lab

Background: ICR

Housed: both clean and dirty side

Reference:

Genotyping: lacZ primers

Tie/lacF- TCGTTTGCCGTCTGAATTTGACCTG

Tie/lacR- TGACCATGCAGAGGATGATGCTCG

Expected size: approx. 500bp

PCR conditions: new PCR machine and Ampli Taq

94Cx2' → [94Cx1' – 65Cx1' – 72Cx1'] x35 → 72Cx5'

Line: Smad/luciferase (T55)

Description: luciferase under Smad responsive element

Generated: Tony Wyss-Coray lab

Background: mixed

Housed: dirty side

Reference:

Genotyping: luciferase

LucI- CGCATGCCAGAGATCCTATT

LucII- TACCTGGCAGATGGAACCTC

Expected size: approx. 350bp

PCR conditions: new PCR machine and Ampli Taq
94Cx2' → [94Cx1' – 65Cx1' – 72Cx1'] x35 → 72Cx5'

Line: Smad/EGFP

Description: EGFP under Smad promoter

Generated: Hal Dietz lab

Background: mixed

Housed: both clean and dirty side

Reference:

Genotyping: EGFP

GFP-F305 AGGACGACGGCAACTACAAG
GFP-R614 TGGGTGCTCAGGTAGTGGTT

Expected size: approx. 309bp

PCR conditions: new PCR machine and Ampli Taq
94Cx2' → [94Cx45'' – 57Cx1' – 72Cx1'] x30 → 72Cx5'

Line: GFAP/TGF-beta1

Description: TGF-beta1 under GFAP promoter

Generated: Tony Wyss-coray lab

Background: mixed

Housed: dirty side

Reference:

Genotyping: SV40 splice region

SV40F- GGCTGTATTTAAGGACATCG
SV40R- GCAGCTTATAATGGTTAC

Expected size: approx. ~200bp

PCR conditions: new PCR machine and Ampli Taq
94Cx2' → [94Cx1' – 50Cx1' – 72Cx1'] x40 → 72Cx5'