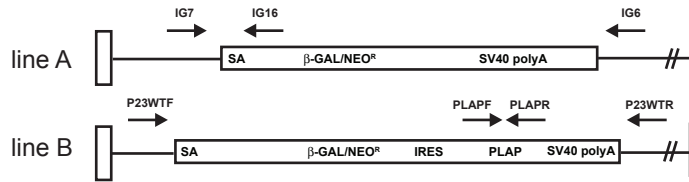


ALine A

WT allele: 750 bp PCR fragment

IG6 GCTGGGGATCTGAGTTCAAGGC**IG7** TTTCTAACCCTGTAACCTGGC

Gene-trapped allele: 830 bp

IG6 GCTGGGGATCTGAGTTCAAGGC**IG16** GCTTACCGGATACCTGTCCGCLine B

WT allele: 369 bp

P23WTF TCCCCCTTGAACCTCTACTCTTTC**P23WTR** AGTGTCCACGGAAGCCAGAAG

Gene-trapped allele: 391 bp

PLAPF AGGGGTGCCAGGACATCGCTAC**PLAPR** TCCACGAAGAGGAAGAAGCCGC**B**

SP-D:

GTTTGCCTTGAGGTCCTATG

GGGAGAACGTGGACTAAGTG

SP-C:

TTGTCGTGGTGATTGTAGGG

TAGGCGTTTCTGAGTTTCCG

SP-A:

CTCCCATTGTTTGCAGAATC

CACCTGGAGAACATGGAGAC

SP-B:

custom QuantiTect primer set (Qiagen)

GAPDH:

custom QuantiTect primer set (Qiagen)

Fig. 1S. PCR primers used in the study. (A) Sequences and combinations of the primers used for genotyping of mouse lines A and B. Schematic representation of the intron 1 of the *p23* gene with the gene trap insertions and the positions of the primers. (B) Primers used for quantitating surfactant gene expression by real-time PCR.