reconstructed (row-normalized) genotype genotype 3 Control cluster Mutant Trp53i11 Lama4 2 Pcdh17 Pmepa1 1 Nid1 Lamc1 Hspg2 0 Nid2 Lamb1 -1 Col15a1 cluster Col4a1 Cdh13 Ccnd1 3 Serpinh1 4 Fscn1 5 Plxnd1 6 Lrrc58 7 Myadm Mcam Rhoc Flt4 Ctsl Pxdn Chst1 Clec1a Rell1 Ptp4a3 Lxn Kcne3 Piezo2 Cd34 Angpt2 Esm1 Ptpre Adm Pxdc1 Nox4 Plscr3 Olfml2b Pcsk6 Antxr2 Ednrb F2r Gpihbp1 Endod1 Ext1 Lpar6 Fam167b Calm1 Calu Anxa5 Arpc5 Lmna Emcn Cd81 cluster