reconstructed (row-normalized) genotype genotype 3 Control cluster SIc6a6 Egr1 Kif2 Kif4 Glul Glul Gga4 Cxcl12 Ltbp4 Sema3g Malatt Sic38a2 Fzd6 Gpcpd1 Ptbrb Utm Smarca2 Rsrp1 Ltm2b Utm Tsc22ct Malatt Gbcpd1 Ptbrb Utm Tsc2ct Malatt Gbcpd1 Ptbrb Utm Tsc2ct Malatt Gbcpd1 Htm2b Malatt Gbcpd1 Htm2b Malatt Gbcpd1 Htm2b Malatt Malatt Malatt Gbcpd1 Htm2b Malatt Mutant 2 1 0 -1 cluster 2 3 Mmin2 Vwf Cxcr4 Unc5b Col18a1 Vim Tm4st1 Fstl1 Dll4 ENSMUSG00000106558.1 Mast4 Notch1 Cdb5 Laotm4a 4 5 6 7 Laptm4a Notch4 Nisch lfitm3 Mecom Sox17 Fbln5 Stmn2 Vegfc Prex2 Efnb2 Ehd2 Liggap 1 Email 2 Email E Fblin2 Timem100 Ssfa2 Npr3 Ptn Entpd1 Azin1 Cthrc1 Nebl Tgfb2 Ccnd2 Sema7a Anxa6 Epas1 Flt1 Tgb2 Sema7a Anxa6 Epas1 Flt2 Sema7a Anxa6 Epas1 Flt3 Epas1 Flt3 Epas2 cluster