reconstructed (row-normalized) genotype genotype 3 Control cluster SIc6a6 Glul Gja4 Cxcr4 Unc5b Malat1 Epas1 B2m Efr3b Mecom Hey1 TsC22d1 Ptprb Clk1 Utrn Fzd6 Mutant 2 1 0 cluster 2 3 4 5 6 7

