log2(1+FPKM) Global 500 genes most variable driving PC 2 Replicate Replicate 10 stage 1 tissue 2 8 Hbb-bh1 stage Hba-x E9.5 6 Hoxa5 E10.5 Lix1 4 E11.5 Mogat2 E12.5 2 Hoxd8 tissue Rspo4 **ECT** 0 Hoxd9 MES Hoxa7 Jaml Crym Rarb Hoxb5 Hoxb6 Hoxb8 Nr6a1 Hgf Lin28a Prtg Cdx1 Wfikkn1 Irx3 Pkdcc Dlk1 Tubb6 Crabp1 Gap43 Peg10 Fndc3c1 Hoxd4 Igdcc3 Lin28b Ppp2r2c Zim1 Plxna2 Krt19 Krt18 Hoxc8 Cpz HapIn1 Met Meox1 Hoxc5 Hoxb2 Hoxc6 Hoxc4 Meis2 Meis1 Arg1 Rspo2 Cdh3 Dlx5 Sp9 Fbln5 Anxa2 Tbx1 Ambn Hoxc12 Cxcl14 Lgals7 Bcl11b Krt14 Krt17 Gjb2 Gabrp Anxa1 Wif1 Nfix Gdf5 Hbb-bt Prdm16 Cdh11 Vcam1 Itga11 Col9a1 Rprm Atp6v1g3 Gsn Ifitm1 Robo2 Islr Eva1a Serinc2 Chd3 Tfap2b Bcl11a Slc16a2 Pmaip1 Cbln1 Gja3 Hoxd11 Evx1 Zic3 Mcub Pdzd2 Nfia Evx2 Hoxd13 Hoxd12 Hoxa13 MES125_R2
MES125_R1
MES115_R2
MES115_R2
MES105_R2
MES095_R2
MES095_R1
ECT125_R1
ECT115_R2
ECT105_R2
ECT105_R2
ECT105_R2