Old vs Young across time&type ECs (31|194) FAPs (144|175) M1 (9|11) M2 (9|20) Neutro (21|10) sCs (134|282) 20 Sparc / Col3a1 Fn1 15 Bcat1 Col22a1 Thbs4 Sorl1 Chrdl2 Grid2 • H3c11 Galnt15 Ces1d H3c11 GaInt15 Ces1d Add2 H2bc3 Scin H2bc8 H3c3 Dpyd Clic6 Neil3/mem200aDiaph3Acss8 Kcna2 H2ac15 Col26a1 Mest Snhg11 Col26a1 Dpy Wrus2 Iggap2 Ric3 Thre Svzb Dook3 H3c11 Robo1 Fhdc1 Kcnd3 10 Slit3 • Igsf9b Spock2 • Carcna2d1 • Lhfpl3 Plag1 • Prkaa2 Pa2g7 • • Acta2 -- • • Mmp19 20 Slc38a4 Inhba Wnt8a Myh11 ltga8 Sorbs2 Ryr2 Myl9 Synpo2 Ntrk3 15 Shtn1 H4c12 \ H1f3 Bmpr1a Robo1 Tpm2 Adey5 Slc6a17 H2ac15 Tuba4a 3 Timp3 Rgs7bp Enpp5 lgfbp3 Hs6st2 H1f5 10 Pla1a Entpd3 Prdx2 Cadm4 Marchf3 Bmpr1a Gdf15 Ccl8 Fmod Cipc Gm3336 Rnasek 2a Ccr111 C4h Pi16 Ncam Hsd11b1 Bmpr1a H2ac7 Arl4c Lvrn Dpyd H2bc7 Mmm \$11b St6galnac5 H2-Q7 Plxha2 + 1e-20Gm4951 5 Sox11 Cdh9330159F19Rik DEsignificant Pou5f1 • FDR < 1e-10 - log10(padj -Postn Jr@olfa1 Dcx Gpc3 Islr FDR <= 0.05 Not Sig Fbn2 Adam12 Mrc2 Tuba4a Gpr153 Trp53i11 Hpgd Mfap4 AW530982b Xirp1 Megf6 Hpgd Npas3 Slc2a13 Cavin4 Islr2 Sdk2 Prrg4 Xirp2 Fn1 Hr Gbp4 Comp / Dbx1 Cd34 Epha3 Il33 10 Adgri3 Scara5 * Ccl9 Cd4 Ncam1 Serpinb1a Myoc Sox11 Sdk2 Ugt1a7 Mboat2 Pixna2 Adamts17 Adamts Bhah6 Ifi213 Cd2d2b Spon1 • Serpine2 20 Tĥy1 Dbx1 Apod H2-Q7 Abcc9 15 Mmp16 Spp1 Prex2 Fam102a 10 Mboat2 Adam22 Trpc3 Mbnl3 Slc1a1 H2-Eb1 Col28a1 Fmod Col22a1 Adamts17 Acod1 Serpina3f Bm

-8

log2FoldChange

-8

0

-8

-8

vertical lines: ABS(log2FoldChange)=1.2

(DOWN | UP) regulated genes
labels only for genes padj < 0.0005