reconstructed (row−normalized)

Heatmap with annotation bars labeled **genotype** and **cluster** at top. Row labels (top to bottom): Malat1, Unc5b, Col18a1, Igfbp3, Ccnd1, Pkm, Eno1, Ppp1r14b, Serpinh1, Cotl1, Fscn1, Gng11, Cdkn1a, Ccnd2, Col4a1, Cdh13, Ctla2a, Cd38, Col4a2, Cd93, Sparc, Igfbp7, Plk2, Cdc42ep3, Mast4, Cdh5, Pecam1, Notch4, Apbb2, Itm2c, Sparcl1, Myo10, Mmrn2, Mxd4, Vwf, Cxcr4, Vim, Itgb1, Cav1, S100a11, Trp53i11, Col15a1, Ftl1, Lrrc58, Ppp1cc, Rhoc, Lpp, Lxn, Gnai2, Calm1, Gimap4, Actb, Actg1, Anxa5, Arpc5, Ifngr2, 4933426M11Rik, Ifnar1, Lpar6, Phlda3, Vasp, Piezo2, Pald1, Lamc1, Hspg2, Nid2, Lamb1, Mcam, Plxnd1, Rell1, Chst1, Cd34, Esm1, Angpt2, Ptpre, Nox4, F2r, Kcne3, Ext1, Endod1, Ptp4a3, Pxdn, Ctsl, Flt4, Ets2, Nid1, Lama4, Emcn, Jund, Myadm, Sox4, Tcf4, Akap13, Pcdh17, Pde4b, Anxa6, Sema7a, Pmepa1, Pdgfb, Myo1b

Legend — **genotype**: Control (green), Mutant (purple). **cluster**: 1 (black), 2 (dark yellow/gold), 3 (light blue), 4 (green), 5 (yellow), 6 (blue), 7 (orange). Color scale from −3 to 3.