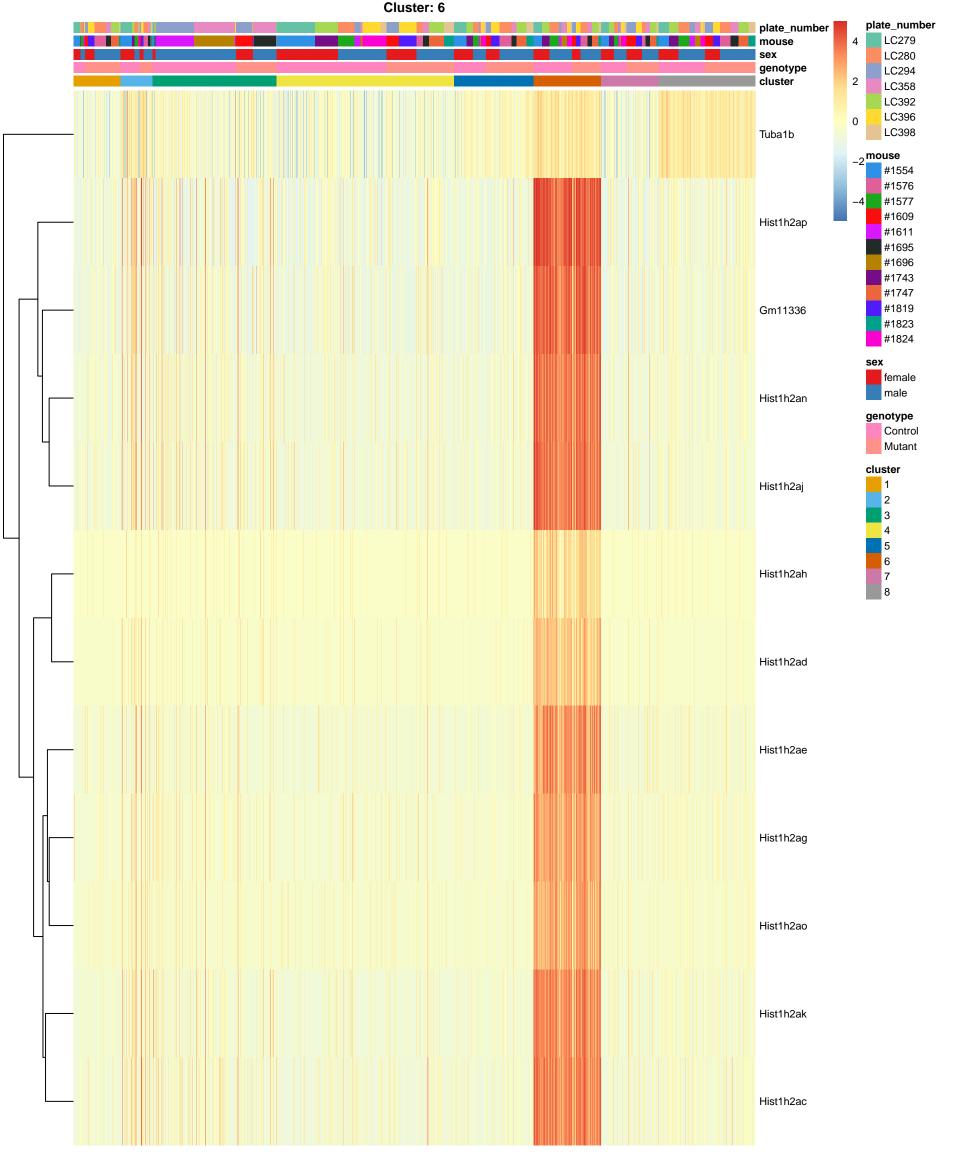
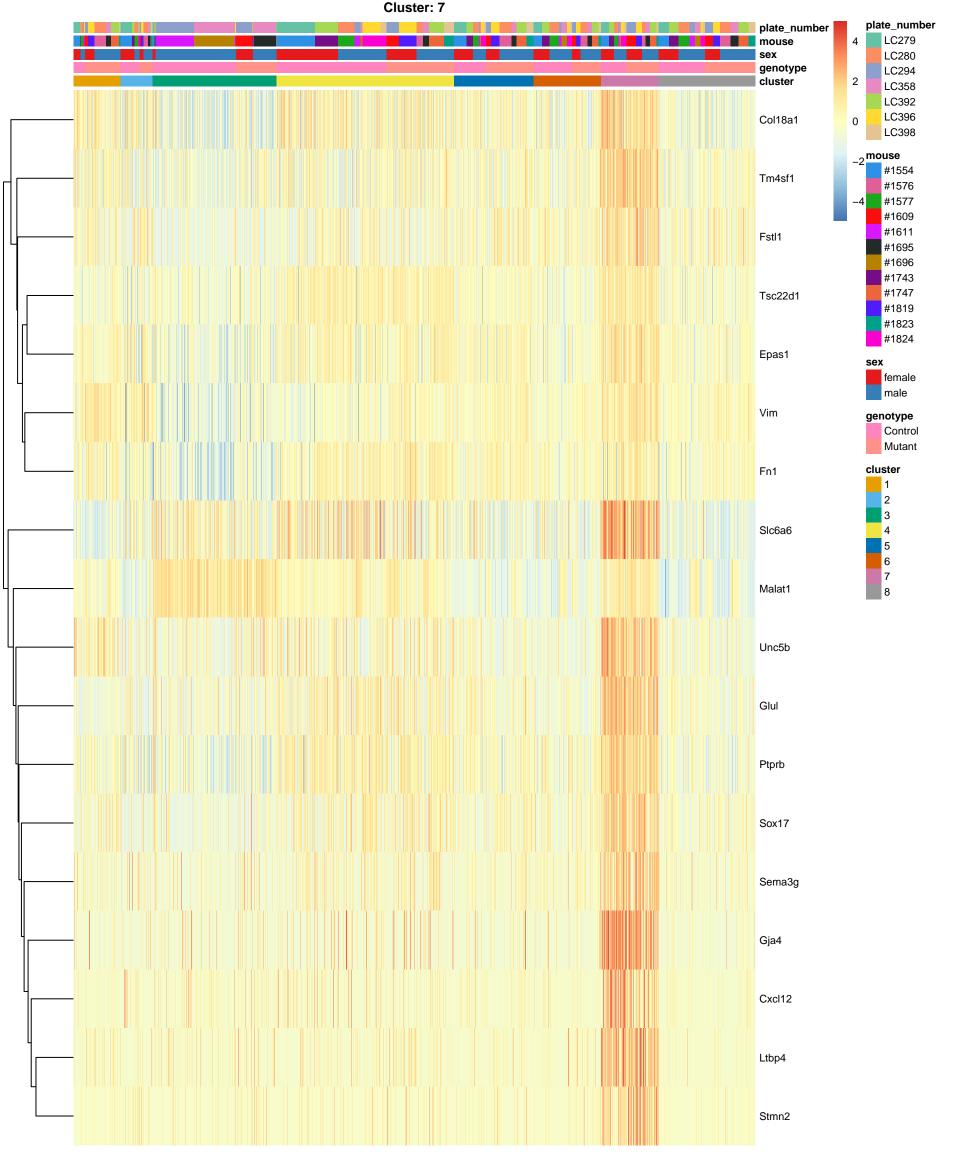
Cluster: 1 plate_number plate_number LC279 mouse sex LC280 genotype LC294 cluster 2 LC358 LC392 Malat1 LC396 0 LC398 Jund -2 mouse Cdkn1a #1554 #1576 #1577 Mmrn2 #1609 #1611 lgfbp3 #1695 #1696 Col15a1 #1743 #1747 Ccnd1 #1819 #1823 Apln #1824 Hspg2 sex female male Lamc1 genotype Lamb1 Control Mutant Mcam cluster Fscn1 2 3 Serpinh1 4 5 Trp53i11 6 7 Pcdh17 Tmsb10 Gm3788 Zfand5 Vim ENSMUSG00000106558.1 Cxcr4 Pald1 Ubtd1 Actb Chst1 Slfn5 Anxa6 Sparcl1 Sparc Cd93 Col4a1 Col4a2

Cluster: 2 plate_number plate_number LC279 mouse sex LC280 genotype LC294 cluster 2 LC358 LC392 Hist1h2ap LC396 0 LC398 mt-Rnr2 -2 mouse mt-Nd4 #1554 #1576 mt-Cytb #1577 Gm10925 #1609 #1611 Gm29216 #1695 #1696 mt-Nd1 #1743 #1747 Gm28661 #1819 #1823 mt-Co2 #1824 Tuba1b sex female ENSMUSG00000112926.1 male Top2a genotype Control 2810417H13Rik Mutant Tubb5 cluster Sparc 2 3 Rpl4 4 5 Gnas 6 7 Npm1 Mif Gm6061 Gm9234 Rps2-ps10 Gm6139 ENSMUSG00000114184.1 Rps2 Gm14173 Gm4613 Rpl38-ps2 Tmsb10 Actb Tmsb4x Rplp1 Rpl41 Gm10076 Rps5 Rpsa-ps10 ENSMUSG00000114738.1 ENSMUSG00000112007.1

Cluster: 3 plate_number plate_number LC279 mouse sex LC280 genotype LC294 cluster 2 LC358 Slc7a5 LC392 LC396 Slco1c1 0 LC398 Krit1 -2 mouse Smchd1 #1554 Ppp1r10 #1576 Tubb4b-ps2 #1577 Rps2-ps5 #1609 #1611 Ccnj #1695 Cisd3 #1696 Camk2b #1743 Dhrs11 #1747 Tm4sf5 #1819 #1823 Itpk1 #1824 Tmem236 2610528J11Rik sex female Plscr1 male Pak1 genotype Gfi1b Control Cebpa Mutant Homer2 cluster Ripk3 Eci3 2 3 Ampd3 4 Ppp1r14c 5 Gprc5c 6 Cdcp1 7 Chmp4c 8 Spire2 Blnk Shroom3 Trim40 Rab27b Myo7b Vdr Slc16a6 Zc3h4 Enpp2 Ocln Krt8 Cd24a Lgals4 Sh2d6 Cdhr5 Vil1 Lgals2 Plac8 Malat1 Ceacam2 Tm4sf4 Plcg2 Chdh Tspan8 Misp Dsp Cldn3 Muc13

Cluster: 5 plate_number plate_number LC279 mouse sex LC280 genotype LC294 cluster 2 LC358 Hmgn2 LC392 LC396 Gm3788 0 LC398 Gm9844 -2 mouse Gm17541 #1554 ENSMUSG00000112007.1 #1576 #1577 Gm4149 #1609 Rps6-ps3 #1611 Ptma #1695 #1696 Gm8730 #1743 Eef1a1 #1747 Rps2 #1819 #1823 ENSMUSG00000114184.1 #1824 Rps2-ps10 sex Gm12922 female Gm11687 male Gm5430 genotype ENSMUSG00000115593.1 Control Mutant Gm9234 cluster Gm13493 Gm6061 2 Ppia 3 4 Gm10123 5 Aplnr 6 7 Pglyrp1 Tfrc Slc7a1 Bsg Col18a1 Malat1 Mxd4 Slfn5 Sparcl1 Cldn5 Col4a2 Cd93 Sparc Igfbp7 Zfand5 Prkd2 Ftl1 Myl6 Tmsb10 Tmsb4x Actb Rnf215 Itga5 D5Ertd579e Sgk1 Rhob Btg1 Junb





Cluster: 8 plate_number plate_number LC279 mouse sex LC280 genotype LC294 cluster 2 LC358 LC392 Hmgb2 LC396 0 ENSMUSG00000112808.1 LC398 Gm13232 -2 mouse #1554 Gm13237 #1576 Gm13461 #1577 #1609 Ran #1611 Hmgb1 #1695 #1696 ENSMUSG00000115593.1 #1743 #1747 Gm9234 #1819 Ppia #1823 #1824 Gm6061 sex Gm13493 female Ptma male Rps2 genotype Control Tmsb4x Mutant Tmsb10 cluster Hmgn2 2 2700094K13Rik 3 4 Gm8203 5 H2afz 6 7 ENSMUSG00000114547.1 Tuba1b ENSMUSG00000112926.1 Ccna2 Cenpa Ccnb2 Cdc20 Knstrn ApInr Slfn5 Arf4 Emp1 Dynll1 Prkd2 Cyb5b Ptms Nrros Zfp281 Ubtd1 Stxbp3a Rpa3 Gm12372 Cep89 Actb