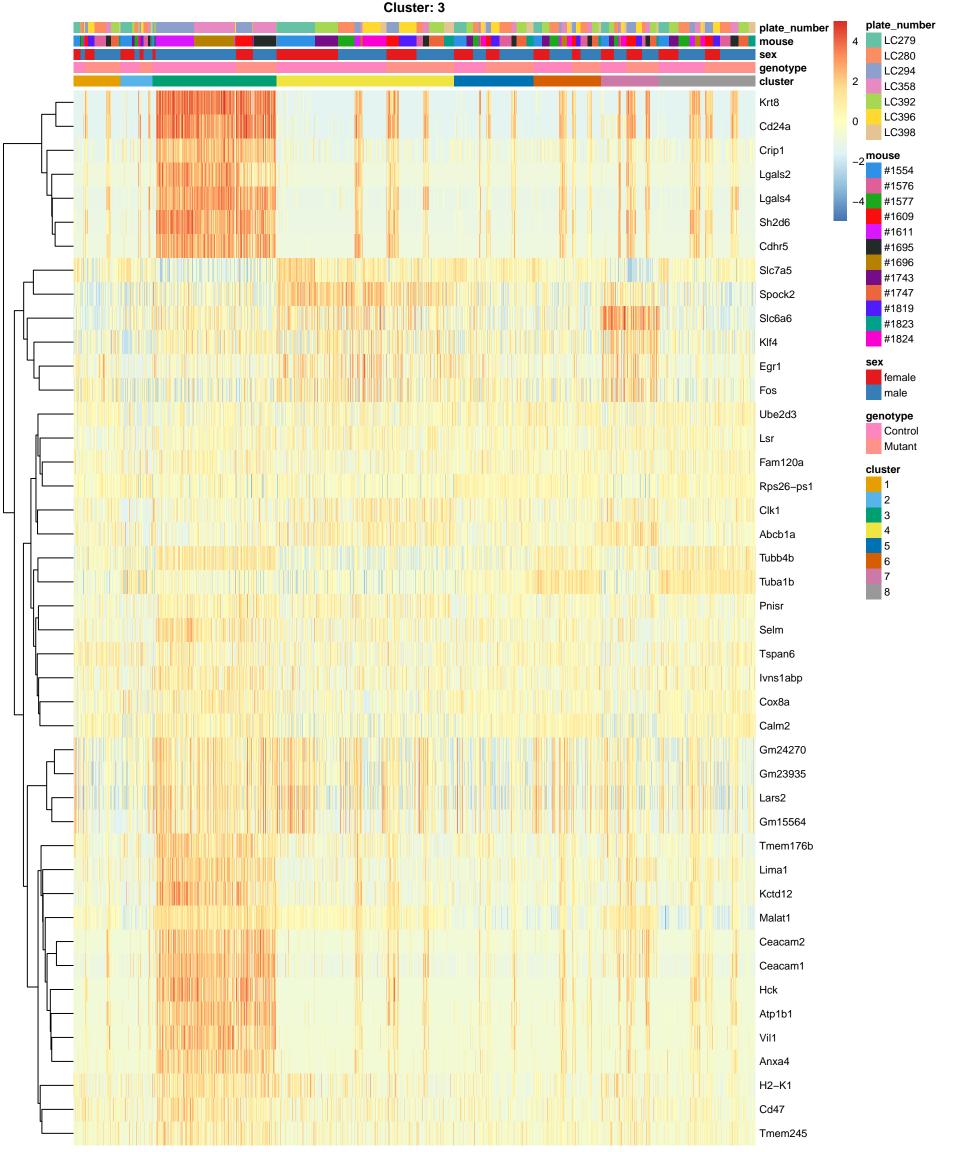
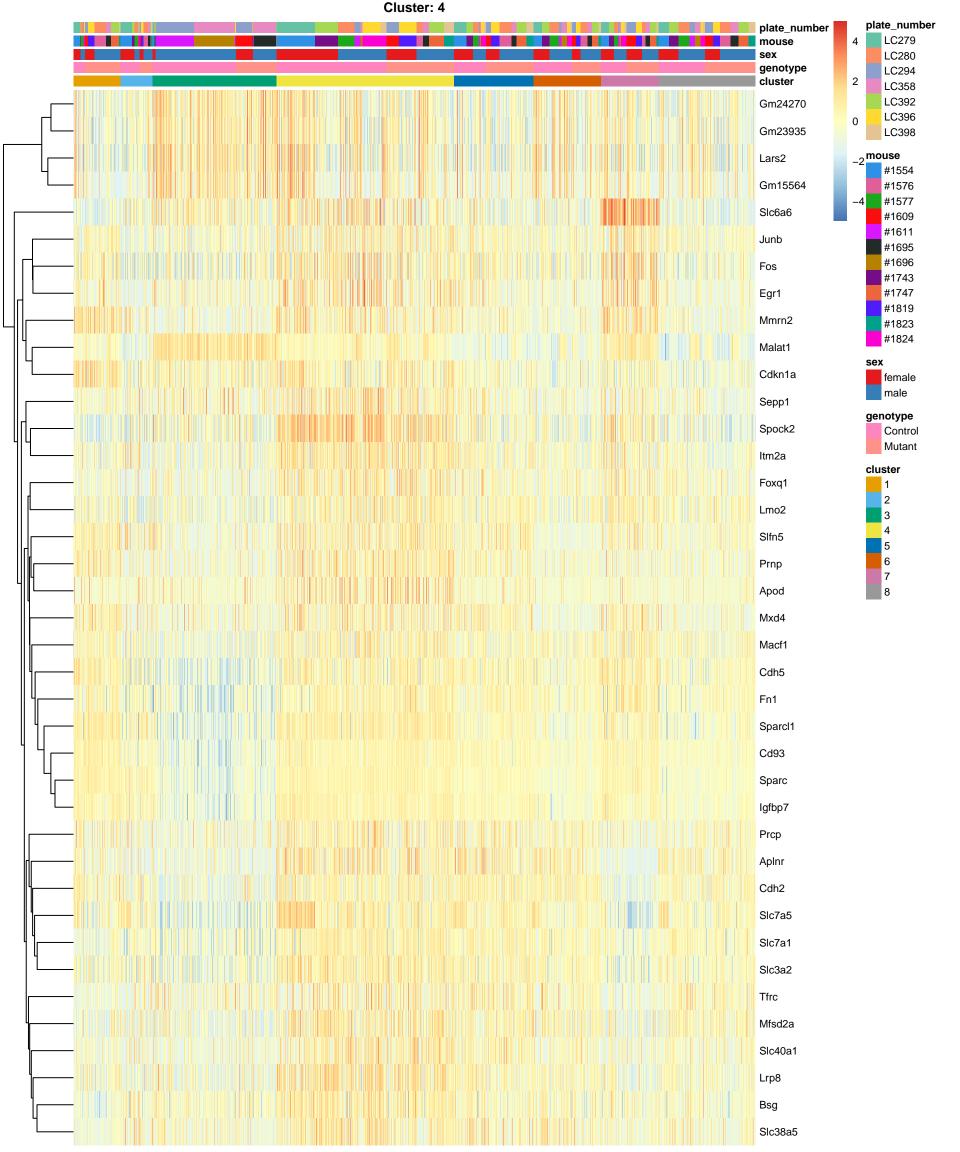
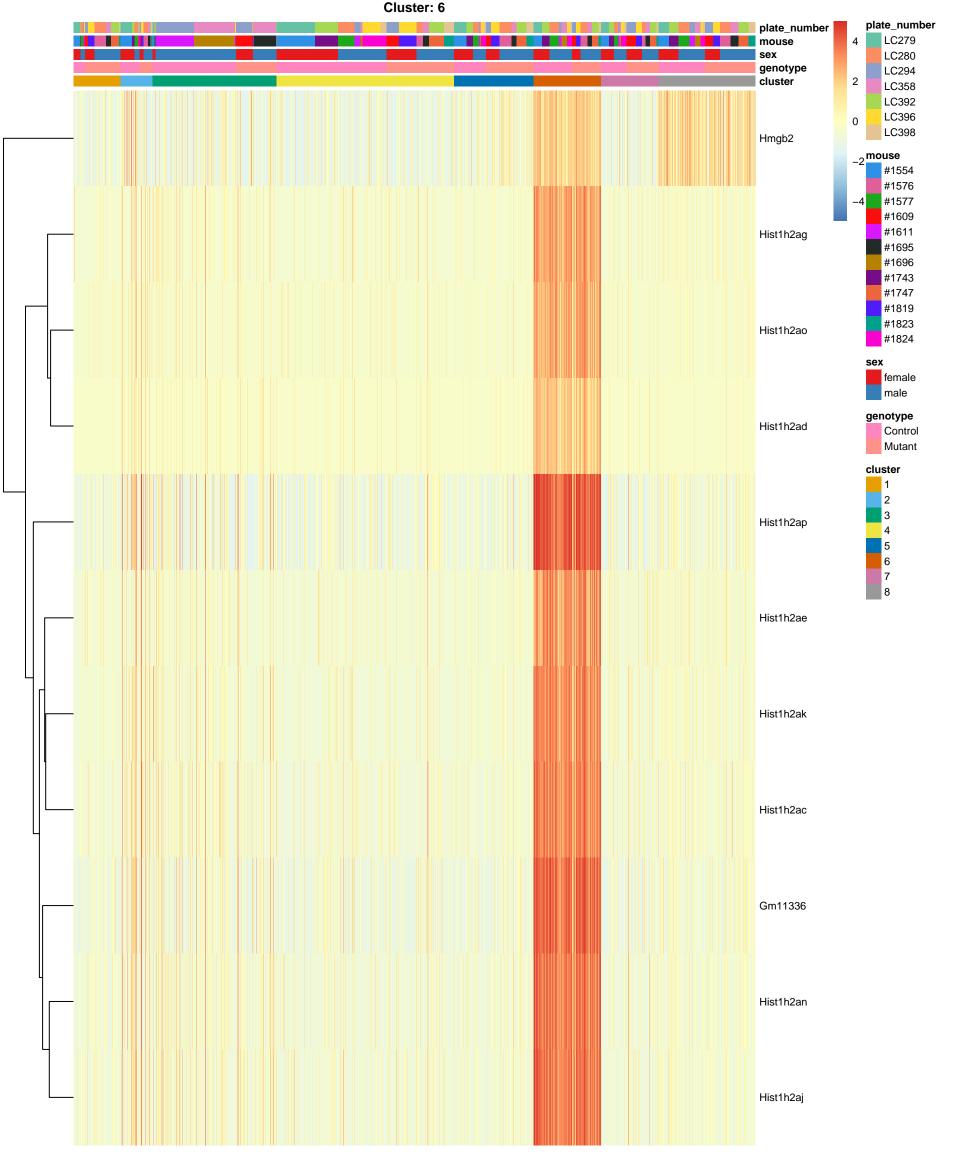


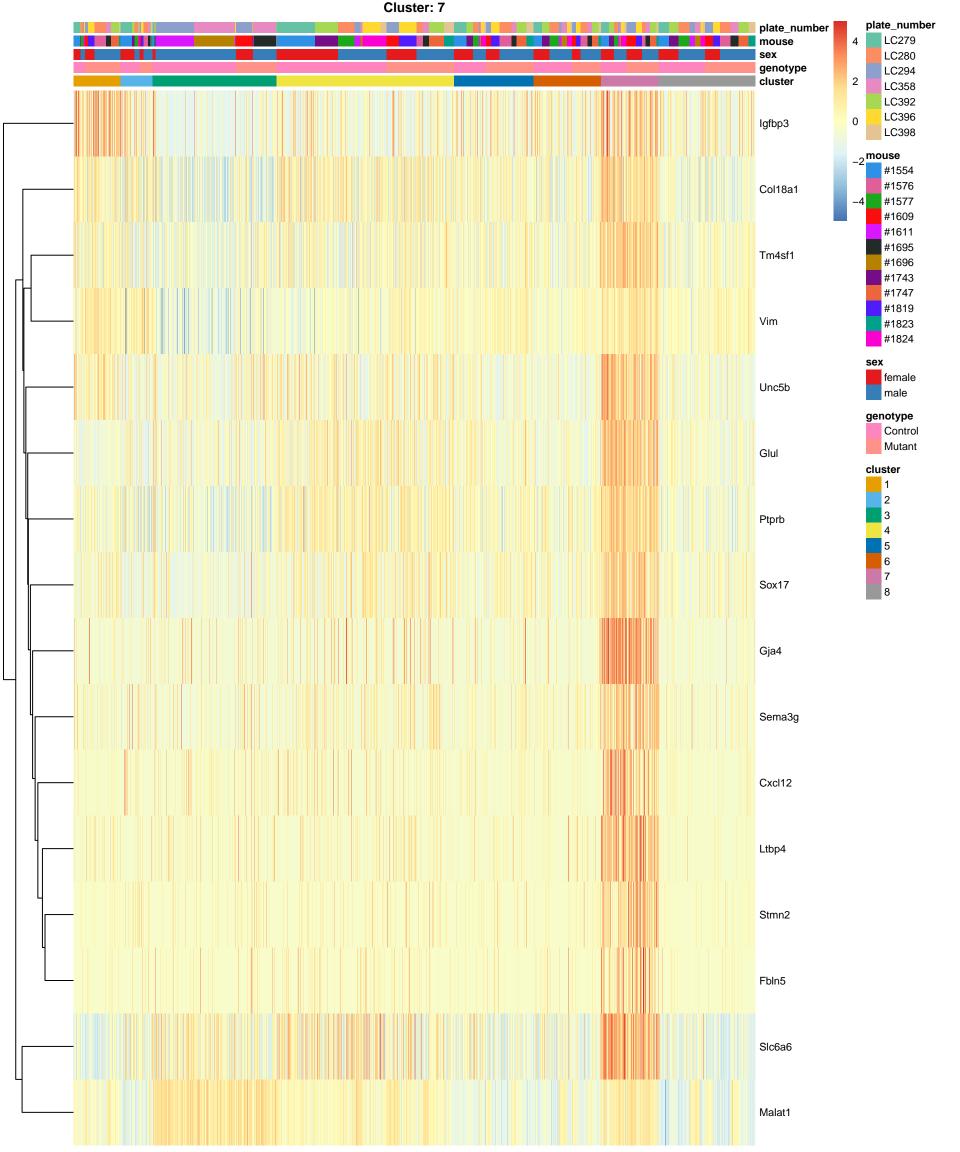
Cluster: 2 plate_number plate_number LC279 mouse sex LC280 genotype LC294 cluster 2 LC358 LC392 Hist1h2ap LC396 0 Gm11336 LC398 -2 mouse Hist1h2an #1554 Hist1h2aj #1576 #1577 Hist1h2ac #1609 Hist1h2ak #1611 #1695 Hmgb2 #1696 #1743 Tuba1b #1747 ENSMUSG00000112926.1 #1819 #1823 Pcna #1824 Tubb5 sex female 2810417H13Rik male Top2a genotype Ube2c Control Mutant Ran cluster Gm14681 2 Mif 3 Gm12366 4 5 Rps2-ps10 6 7 Gm12922 Gm11687 Gm6433 Rps2 ENSMUSG00000114184.1 Eno1 Ptms Gm4613 Gm14173 ENSMUSG00000112007.1 Tmsb10 Gm8213 Slc6a6 Ccnd2 Ccnd1 Trp53i11 Anxa5 Ptp4a3 Slfn5 Gpr116 Oaz2 Col18a1 lgfbp3





Cluster: 5 plate_number plate_number LC279 mouse sex LC280 genotype LC294 cluster 2 LC358 Ran LC392 LC396 0 Hmgn2 LC398 H2afz -2 mouse Txn-ps1 #1554 Gm4691 #1576 #1577 Gm12033 #1609 Gm17541 #1611 ENSMUSG00000112007.1 #1695 #1696 Rps2 #1743 Rps2-ps10 #1747 Gm12922 #1819 #1823 Gm11687 #1824 ENSMUSG00000115593.1 sex Gm13493 female Gm9234 male Ube2d3 genotype Control Pglyrp1 Mutant Gm3788 cluster Tmsb10 Gm9844 2 Cdh2 3 4 Aplnr 5 Slc7a5 6 7 Slc7a1 Mfsd2a Tfrc Slc40a1 Bsg Slc38a5 Ccnd1 Trp53i11 Lamb1 Fscn1 Mxd4 Slfn5 Prnp Nfkbia Rhob Sgk1 Tm6sf1 Emp1 Ccnd2 Srsf5 Ddx17 Btg1 Akap13 Spock2 Slc6a6 Col18a1 Fos Junb





Cluster: 8 plate_number plate_number LC279 mouse sex LC280 genotype LC294 cluster 2 LC358 LC392 ApInr LC396 0 LC398 Slfn5 -2 mouse #1554 Srsf5 #1576 #1577 Arf4 #1609 #1611 Emp1 #1695 #1696 Rap1b #1743 #1747 Dynll1 #1819 #1823 Strap #1824 Ube2d3 sex female male Hnrnph1 genotype Odc1 Control Mutant Hmgb2 cluster ENSMUSG00000112808.1 2 3 Gm13232 4 5 Gm13237 6 7 Nucks1 Ran Gm13461 Hmgn2 2700094K13Rik H2afz Gm8203 Gm12922 Gm9234 Gm13493 ENSMUSG00000114547.1 Tuba1b ENSMUSG00000112926.1 Ccna2 Ccnb2 Cenpa Txn-ps1 Tubb4b