

Figure S1

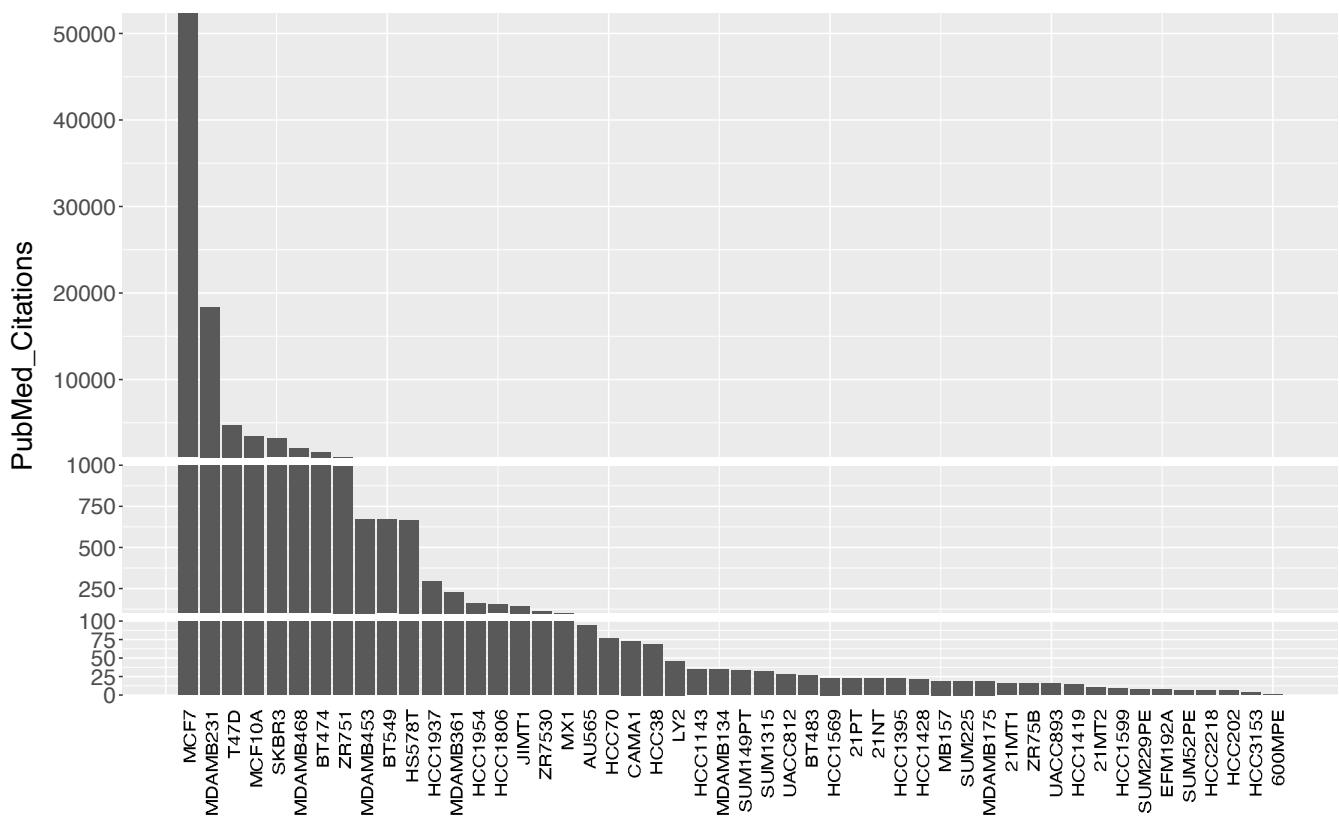
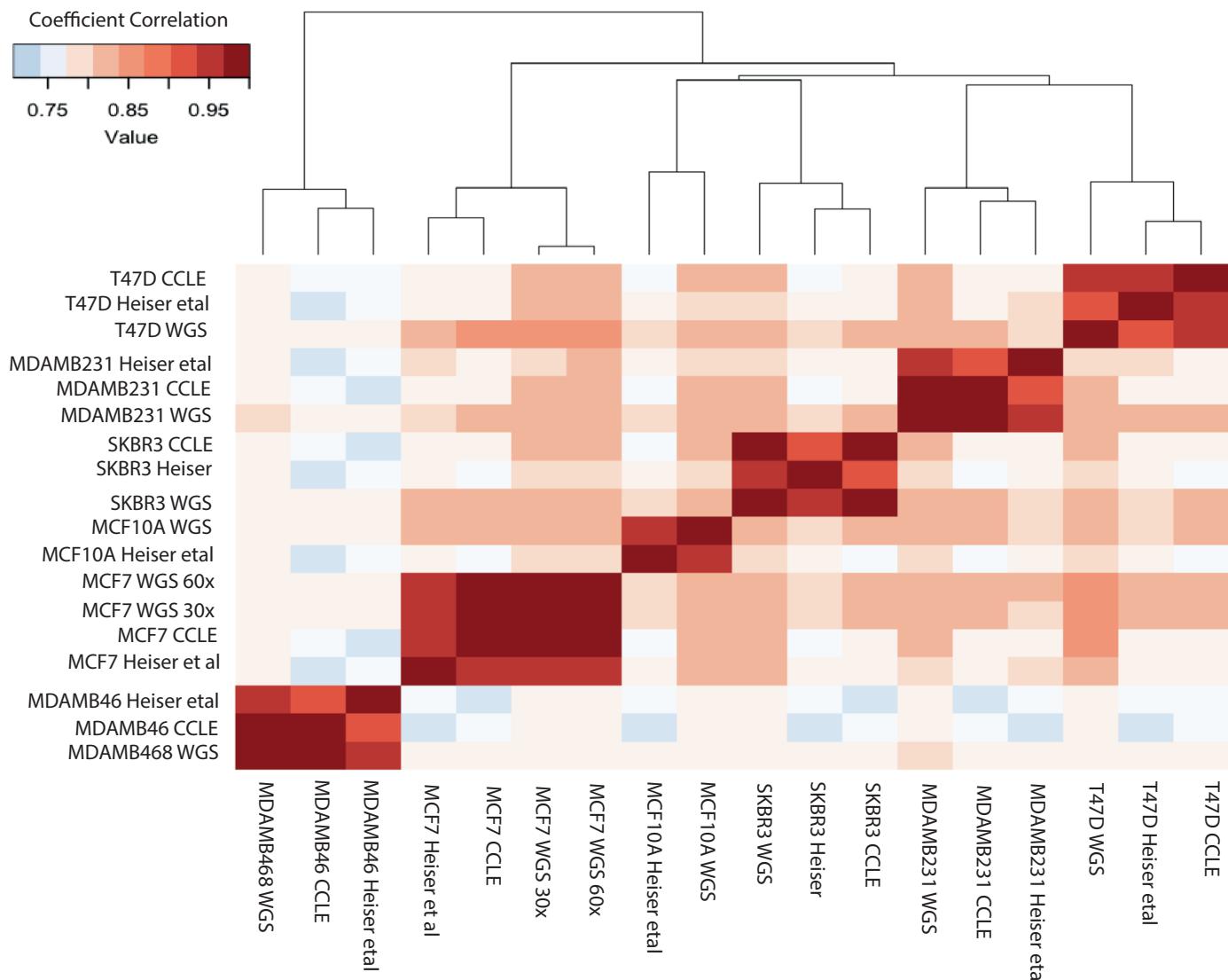
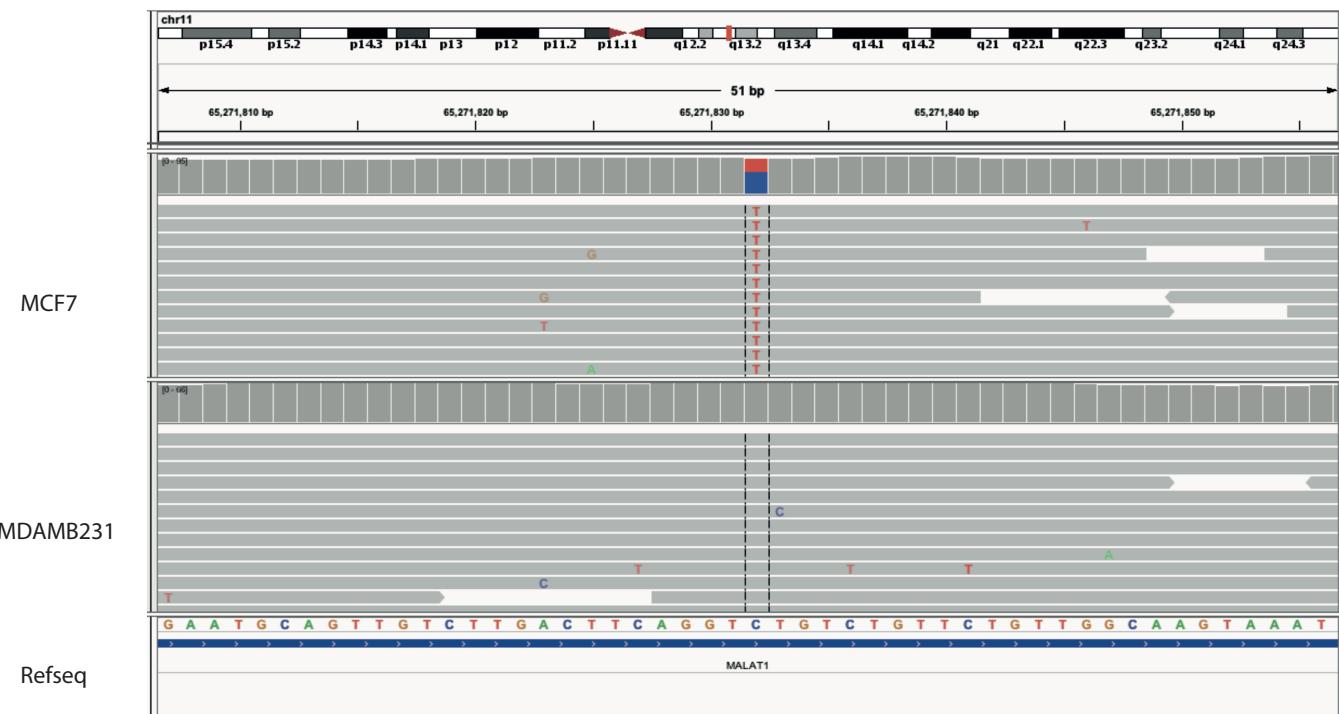


Figure S2





## Figure S4



## Figure S5

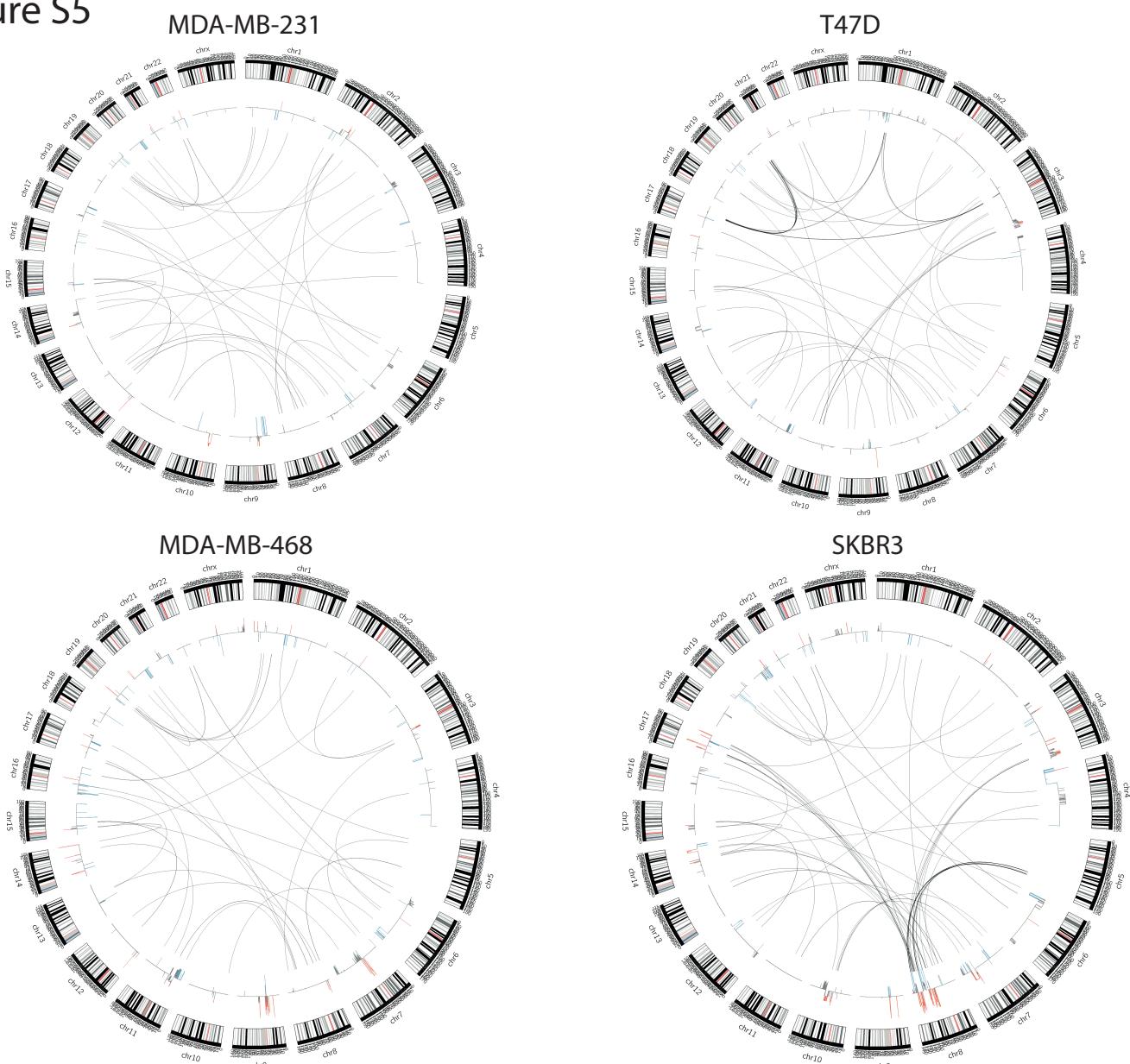
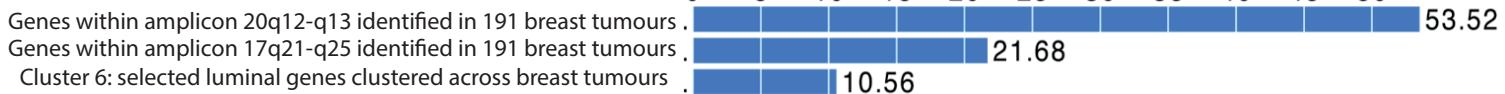


Figure S6

**MSigDB Perturbation**

MCF7

-log<sub>10</sub>(Binomial p value)



**MSigDB Perturbation**

T47D

-log<sub>10</sub>(Binomial p value)



**MSigDB Perturbation**

SKBR3

-log<sub>10</sub>(Binomial p value)

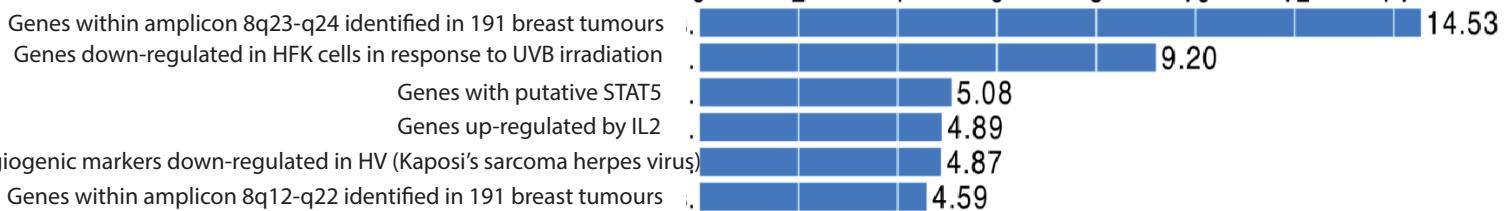
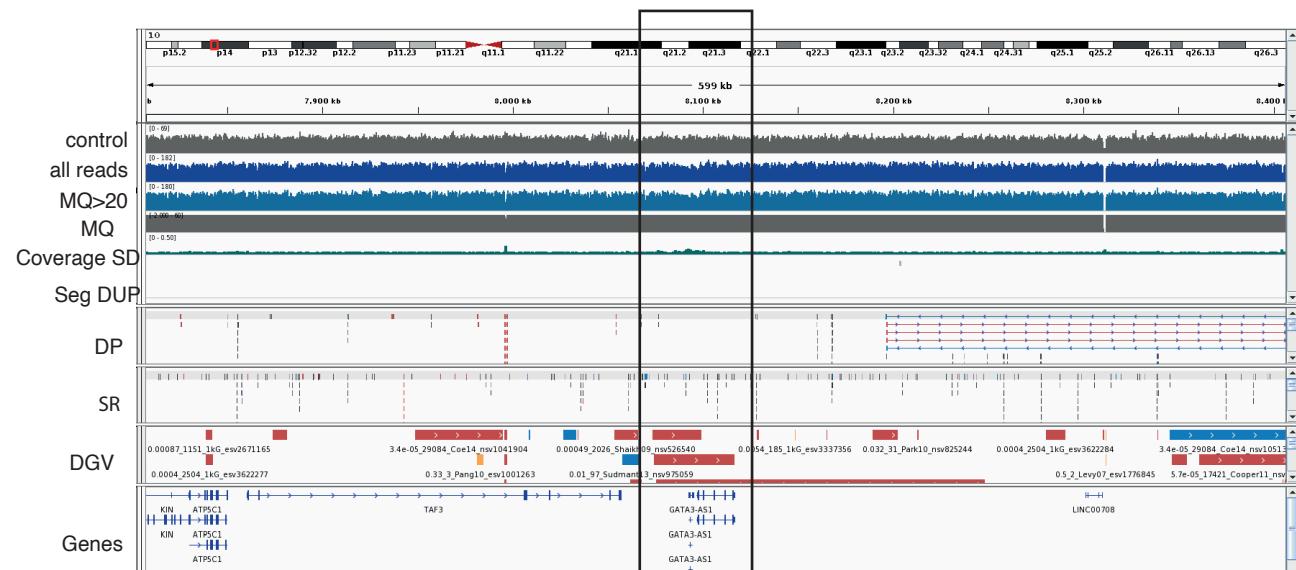


Figure S7

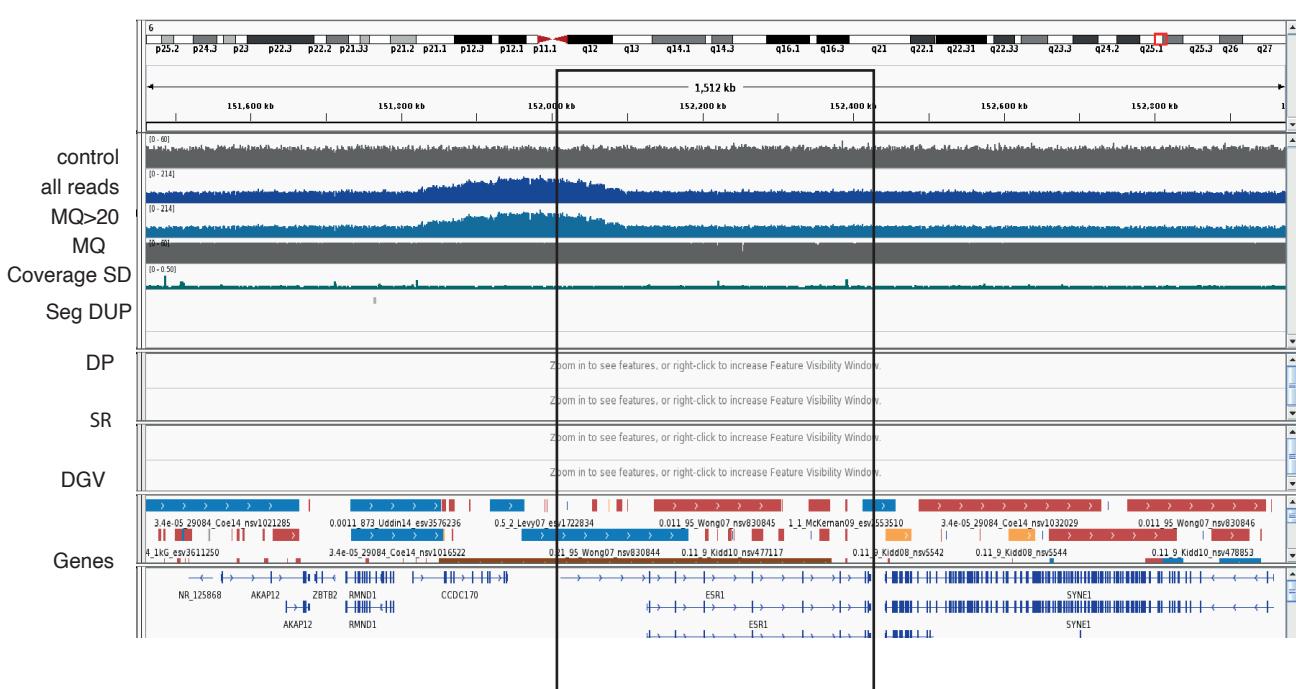
FOXA1- 8 copies, focal amplification



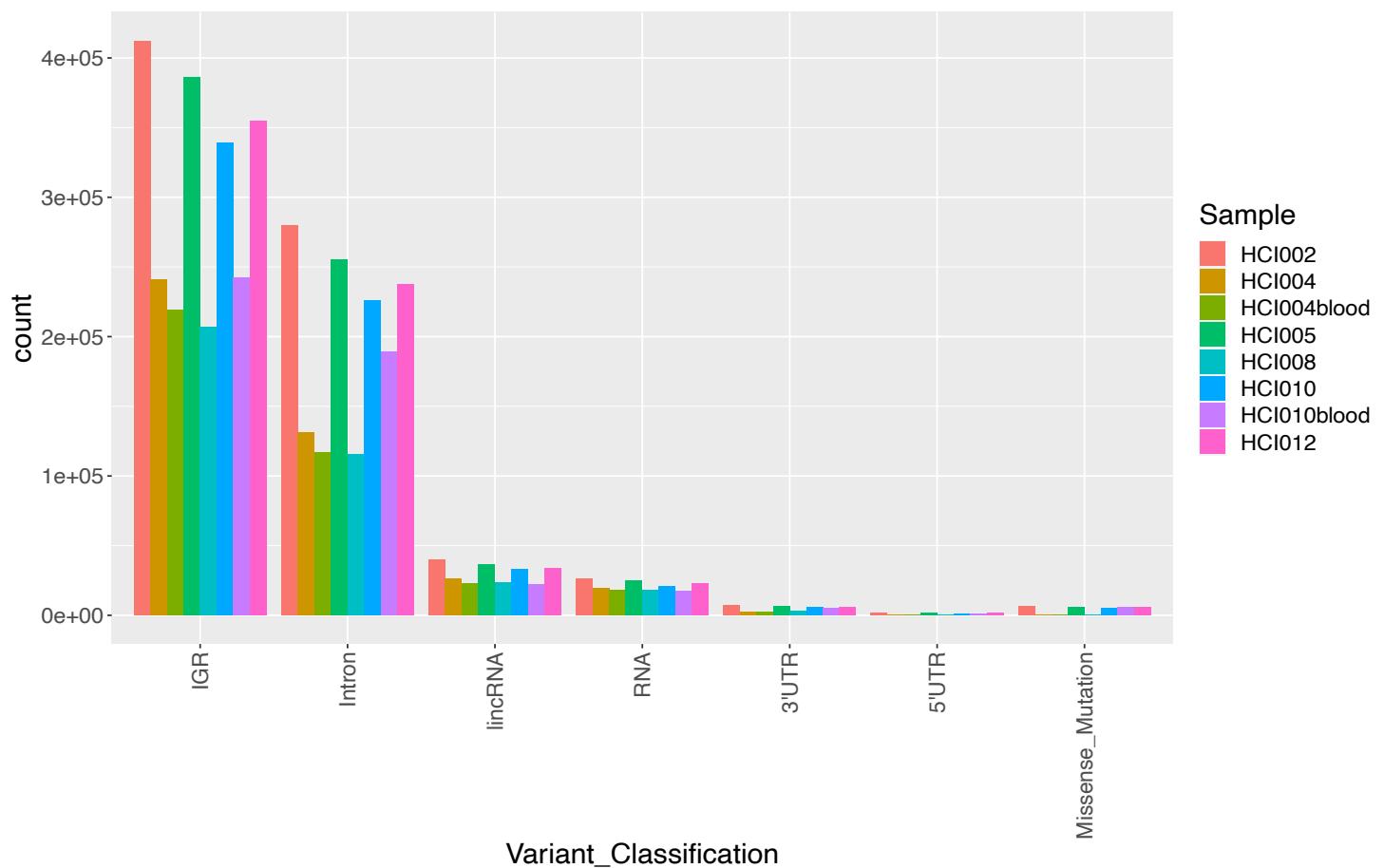
GATA3, broad gain, 4 copies



ESR1, partial gain



# Figure S8



# Figure S9

