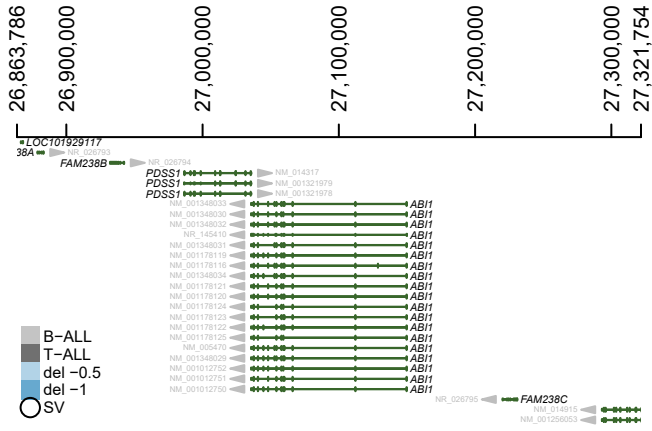


# Supplementary Dataset 2

Focal deletions (< 5Mb) in driver or putative driver genes

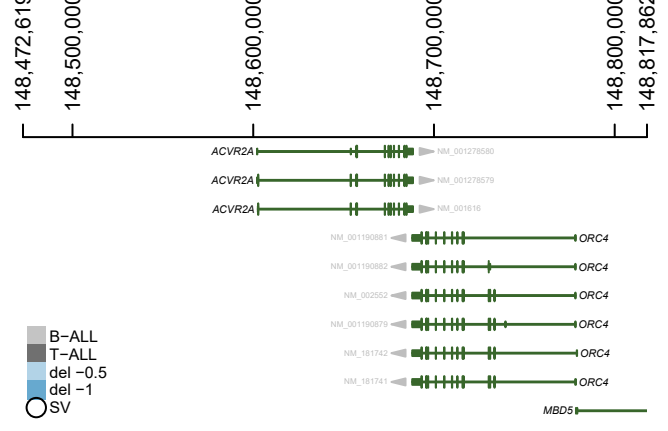
## ABI1 focal deletions

chr10 position



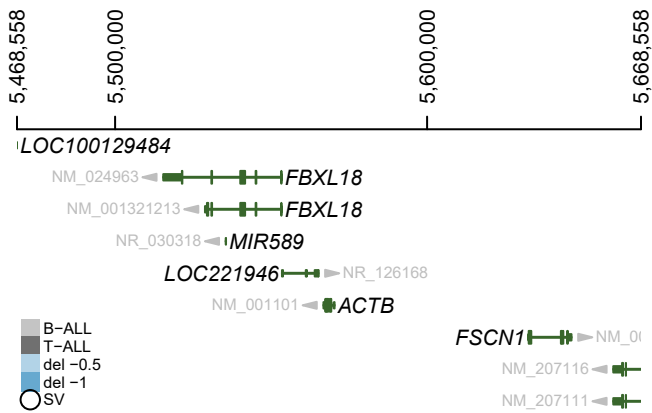
## ACVR2A focal deletions

chr 2 position



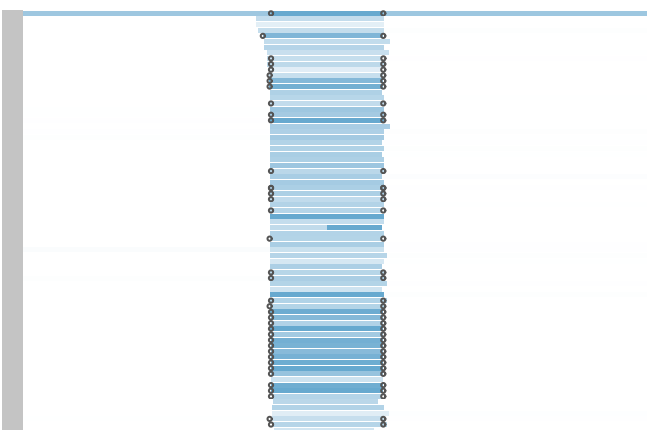
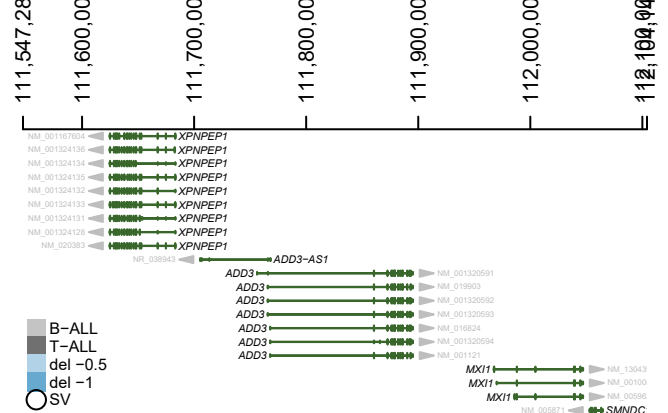
## ACTB focal deletions

chr 7 position



## ADD3 focal deletions

chr10 position

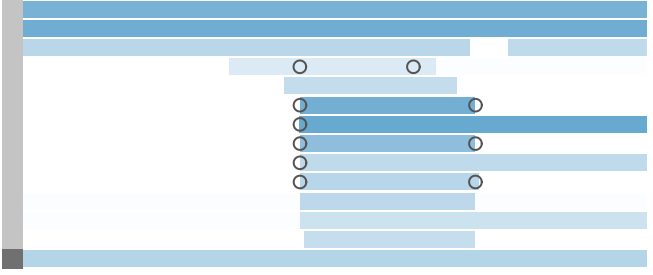


### AMN1 focal deletions

chr12 position

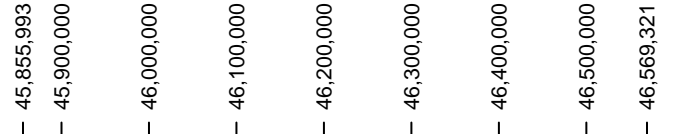


B-ALL  
T-ALL  
del -0.5  
del -1  
SV

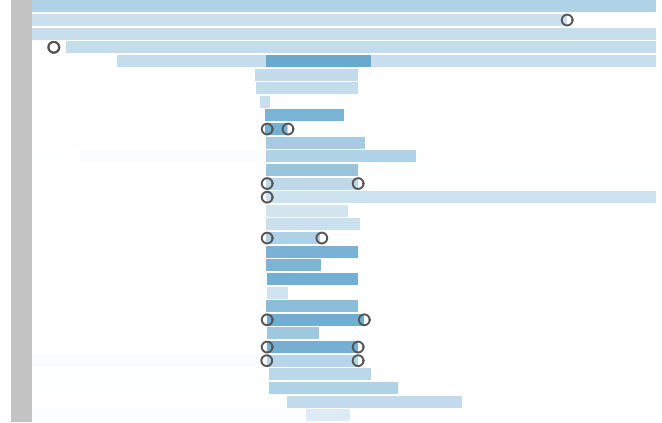


### ARID2 focal deletions

chr12 position

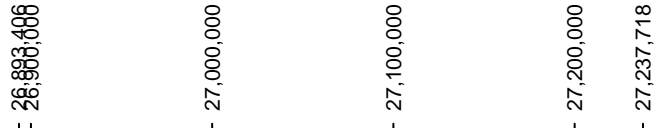


B-ALL  
T-ALL  
del -0.5  
del -1  
SV

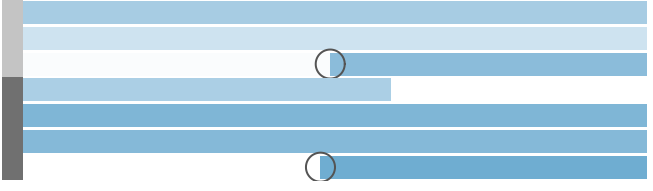


### ARID1A focal deletions

chr 1 position

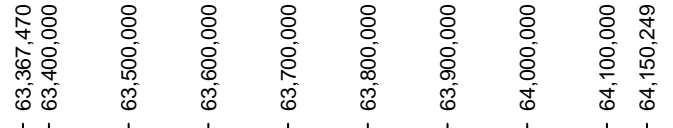


B-ALL  
T-ALL  
del -0.5  
del -1  
SV

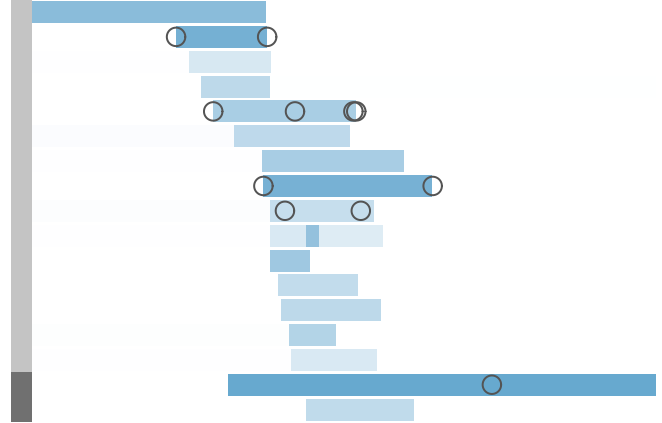


### ARID5B focal deletions

chr10 position



B-ALL  
T-ALL  
del -0.5  
del -1  
SV



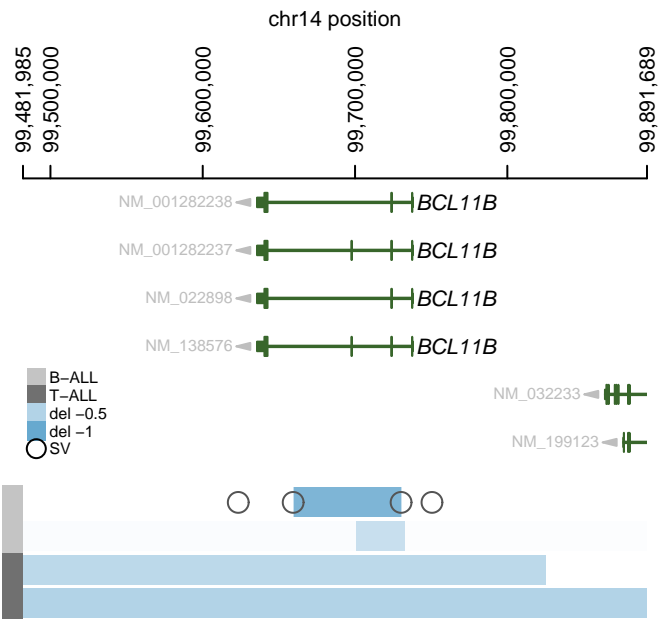
ZNF365H  
ZNF365H  
ZNF365H



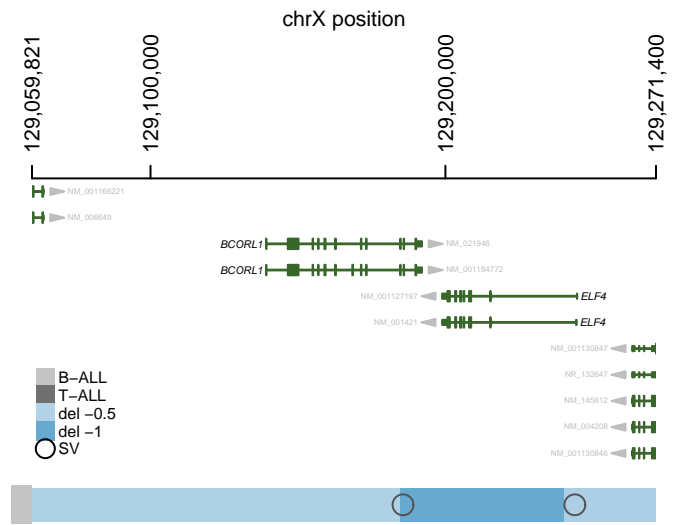




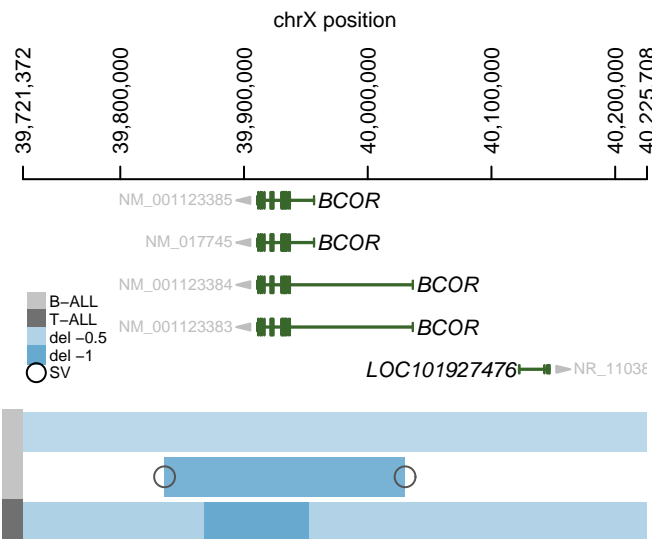
### BCL11B focal deletions



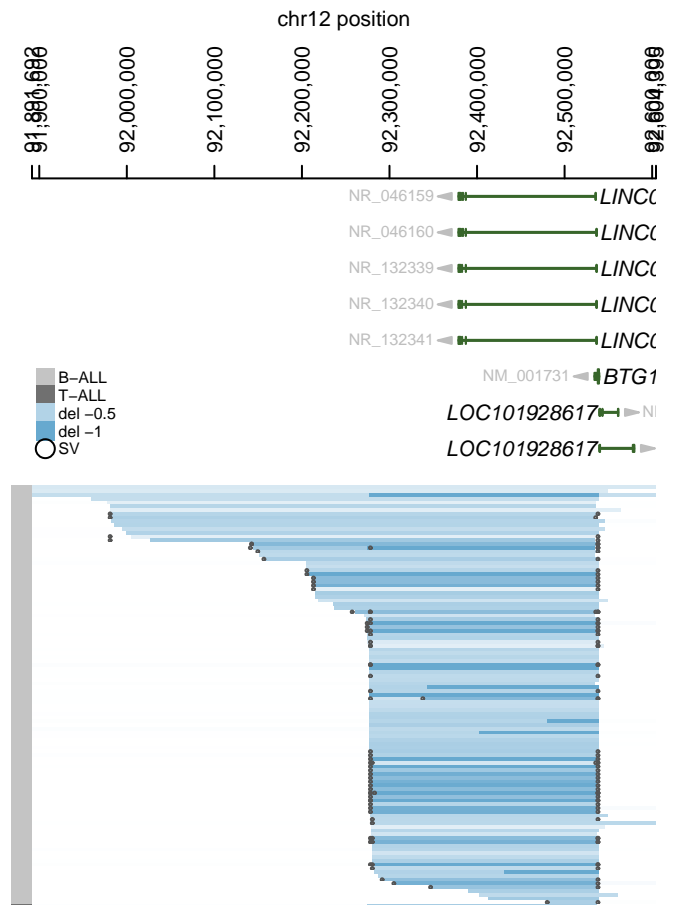
### BCORL1 focal deletions



### BCOR focal deletions



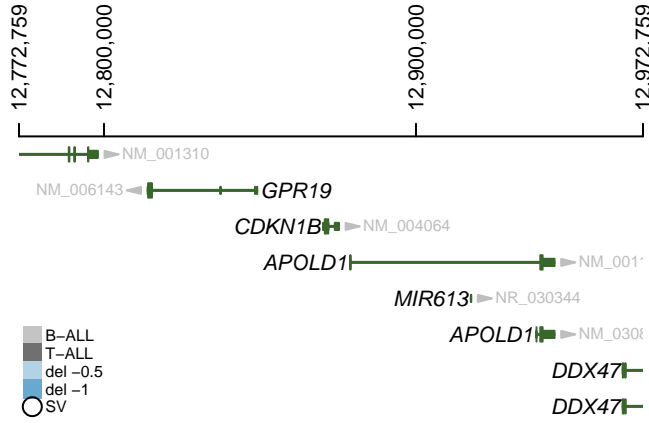
### BTG1 focal deletions





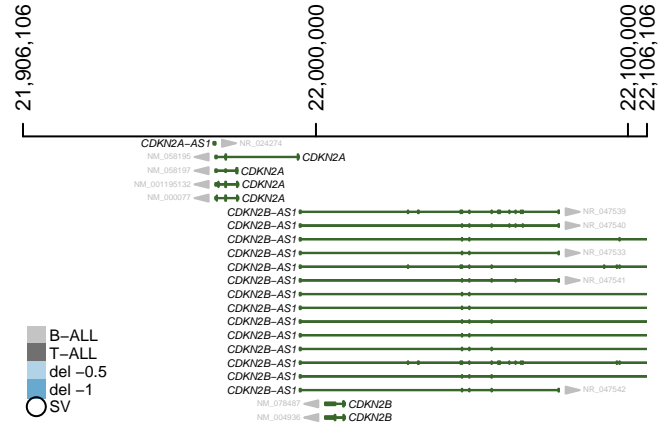
### CDKN1B focal deletions

chr12 position



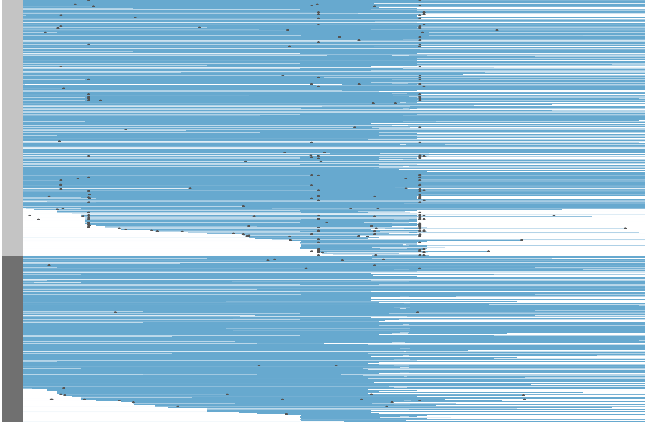
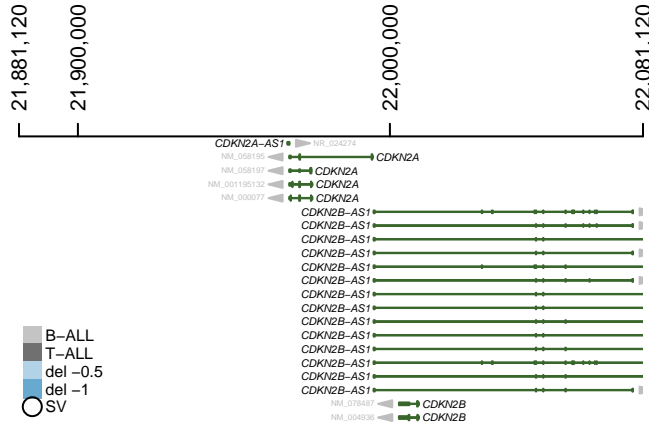
### CDKN2B focal deletions

chr 9 position



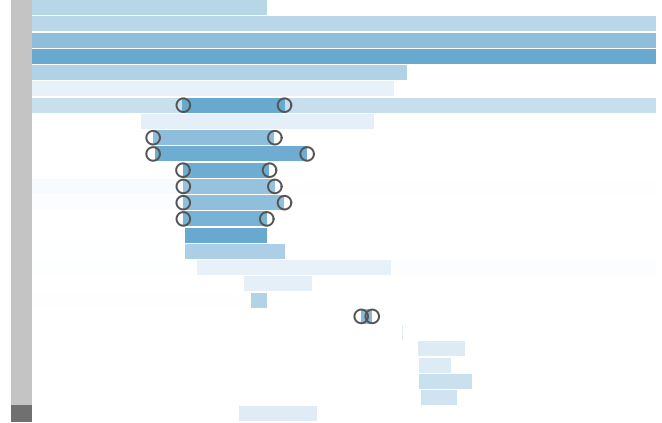
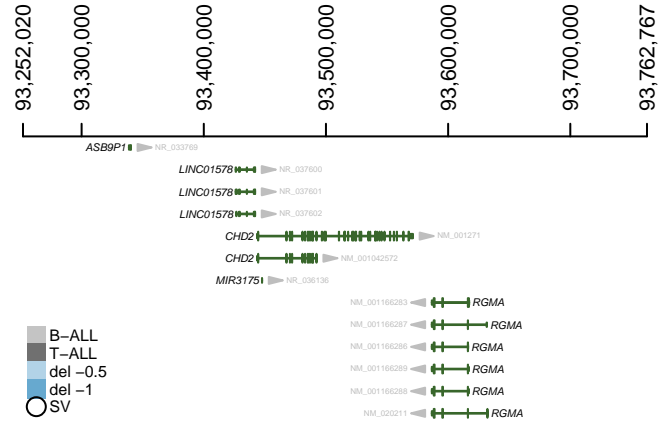
### CDKN2A focal deletions

chr 9 position



### CHD2 focal deletions

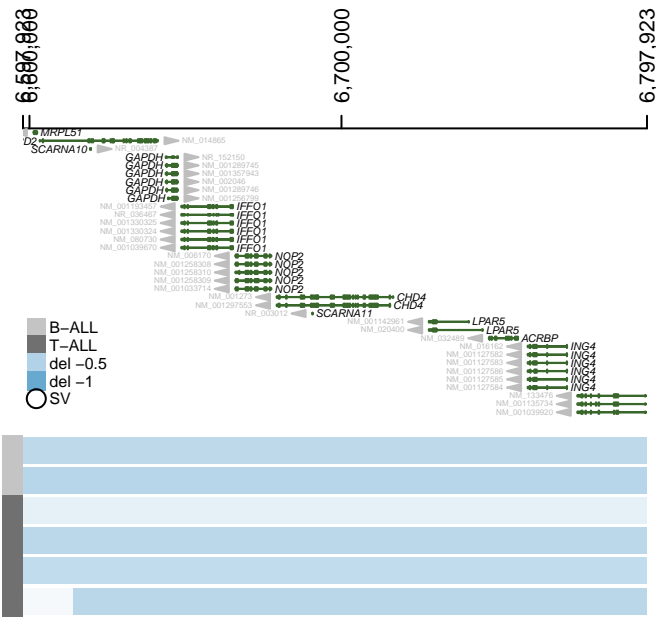
chr15 position





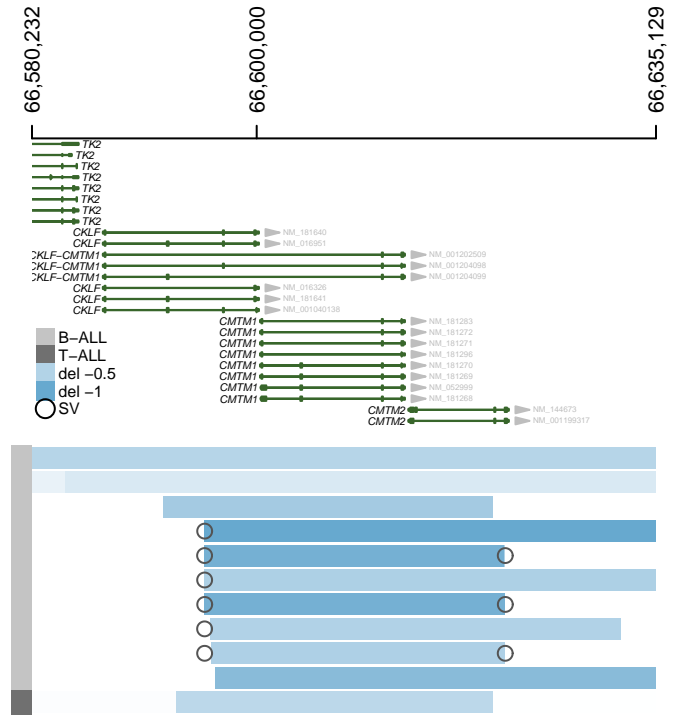
### CHD4 focal deletions

chr12 position



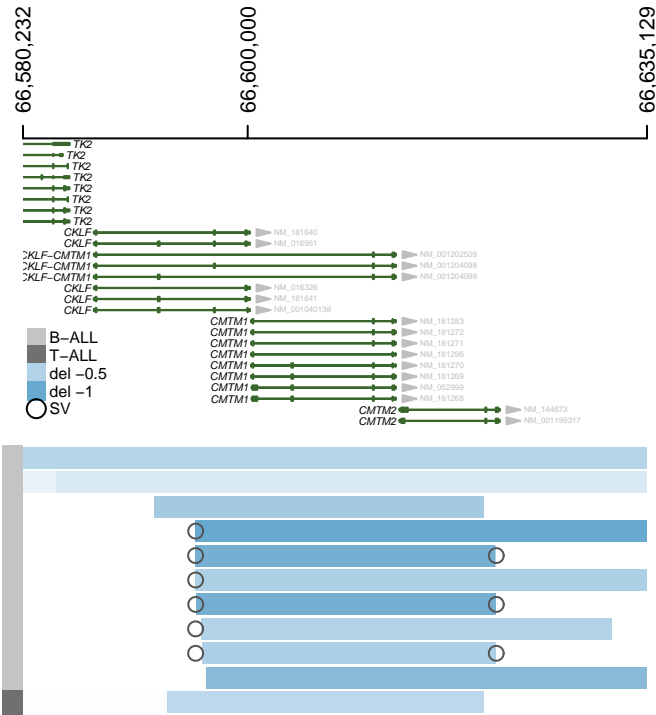
### CMTM1 focal deletions

chr16 position



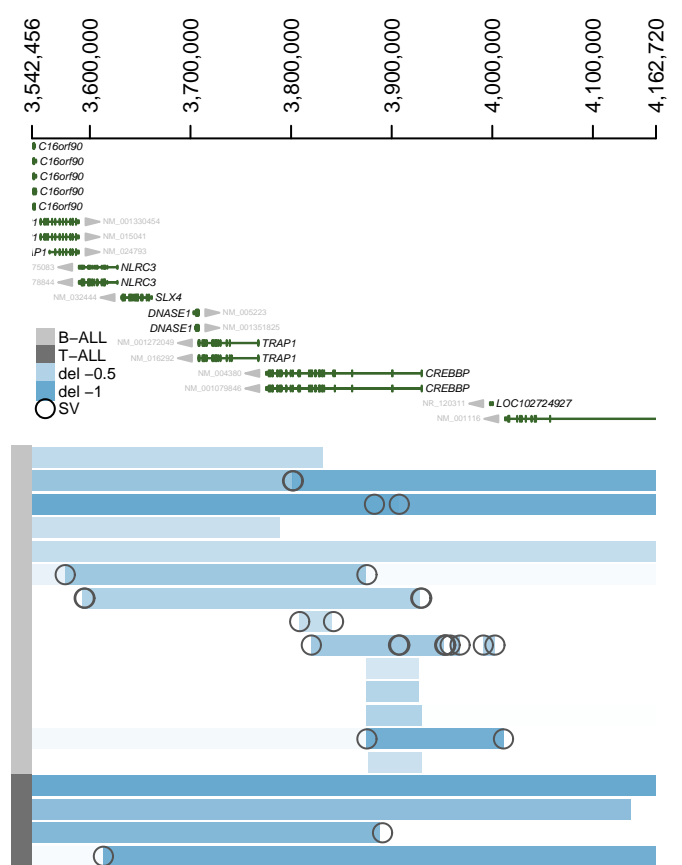
### CKLF focal deletions

chr16 position



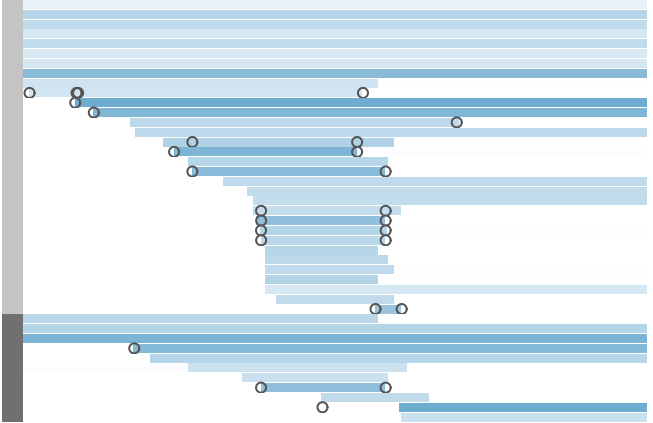
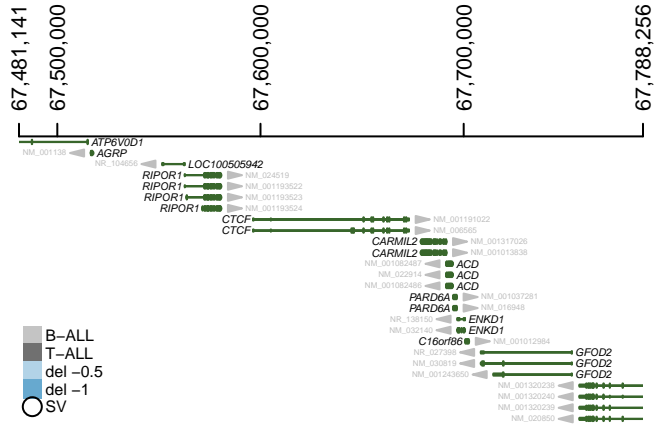
### CREBBP focal deletions

chr16 position



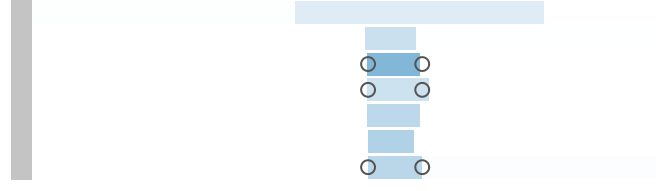
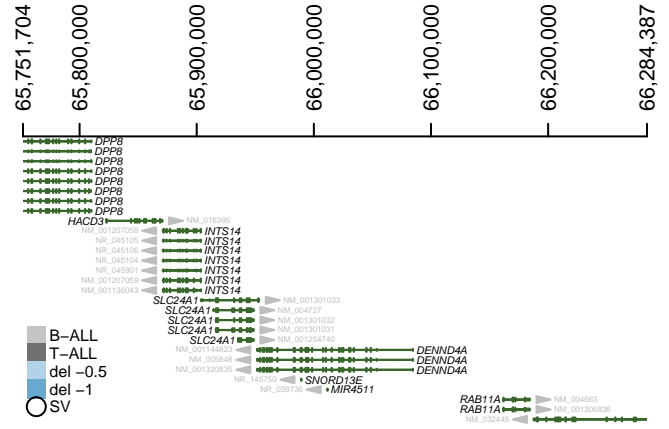
### CTCF focal deletions

chr16 position



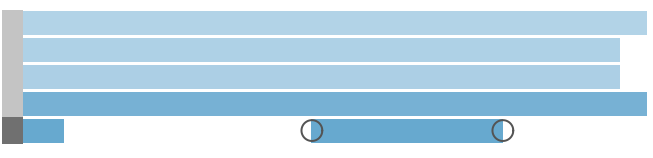
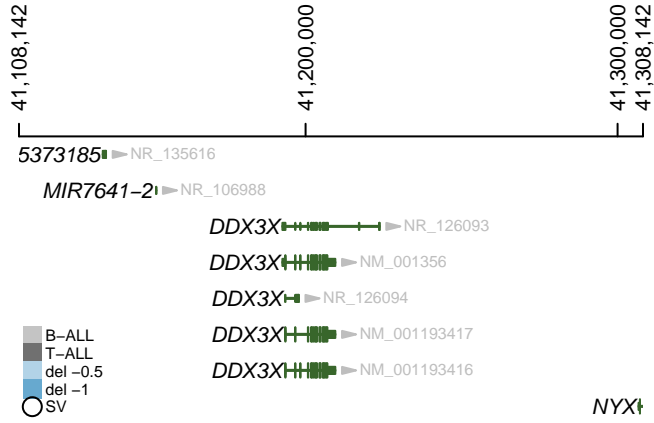
### DENND4A focal deletions

chr15 position



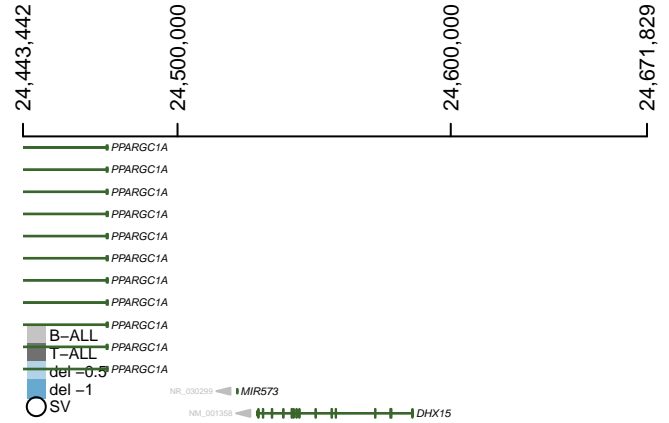
### DDX3X focal deletions

chrX position



### DHX15 focal deletions

chr 4 position

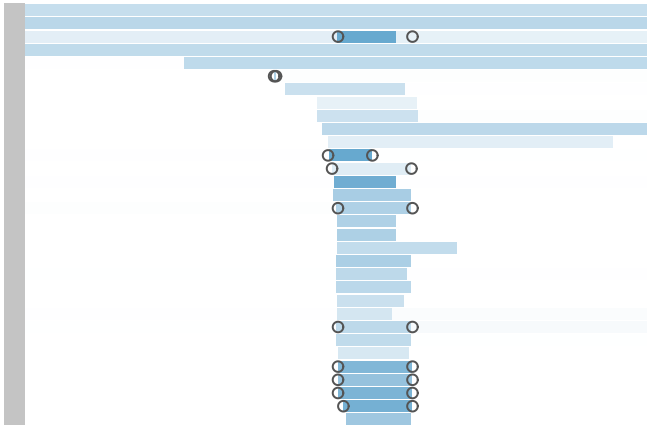
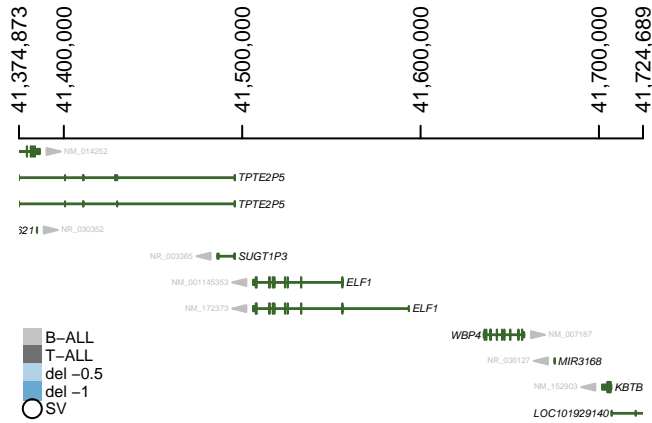






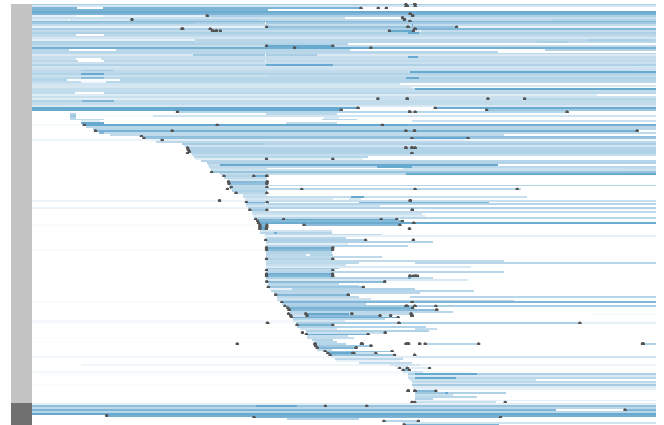
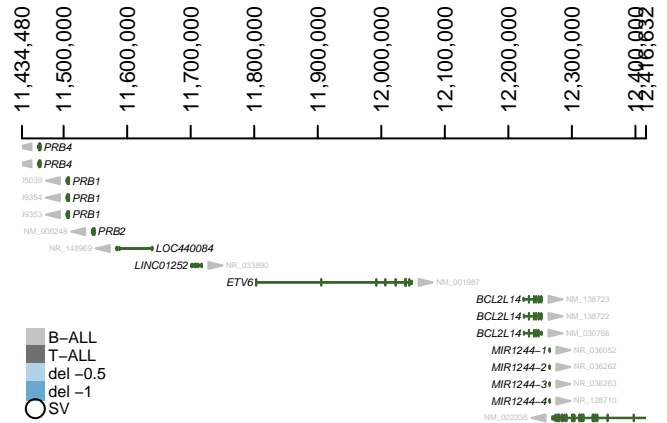
### ELF1 focal deletions

chr13 position



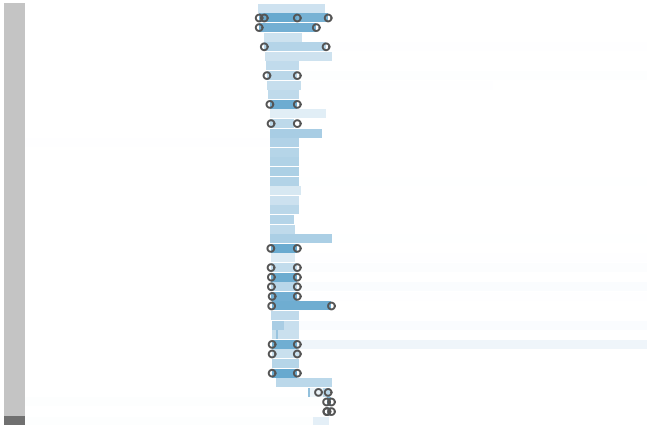
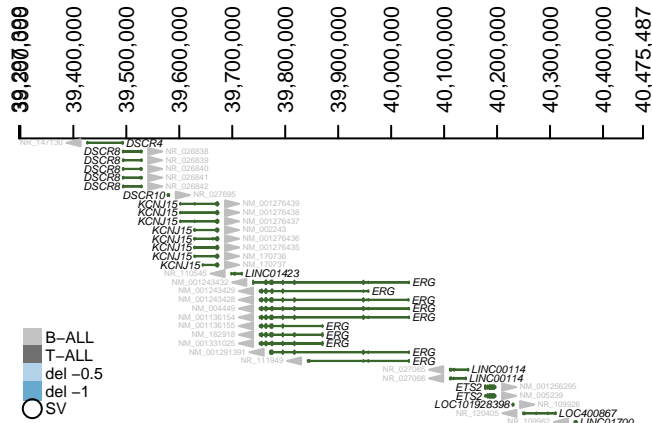
### ETV6 focal deletions

chr12 position



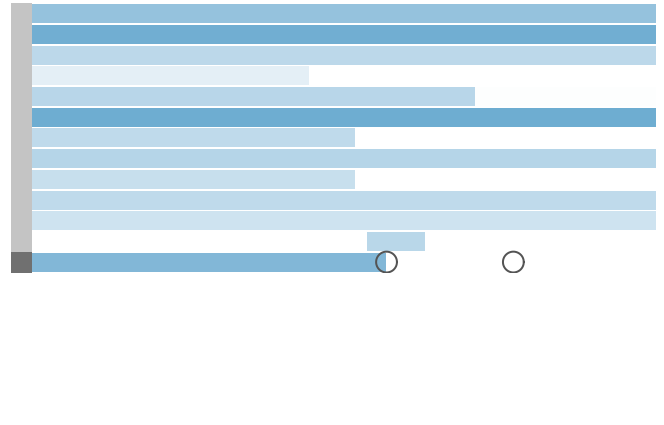
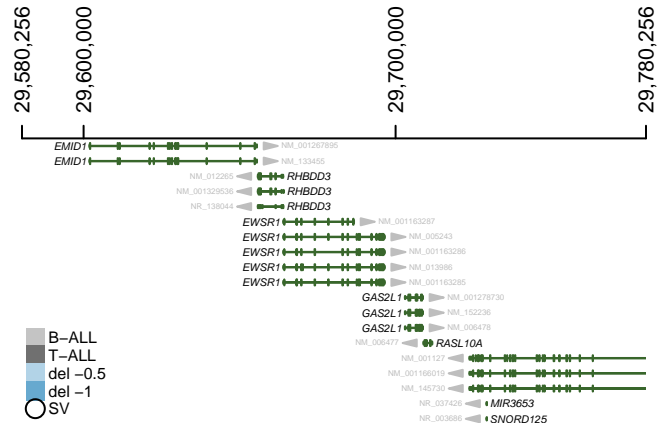
### ERG focal deletions

chr21 position

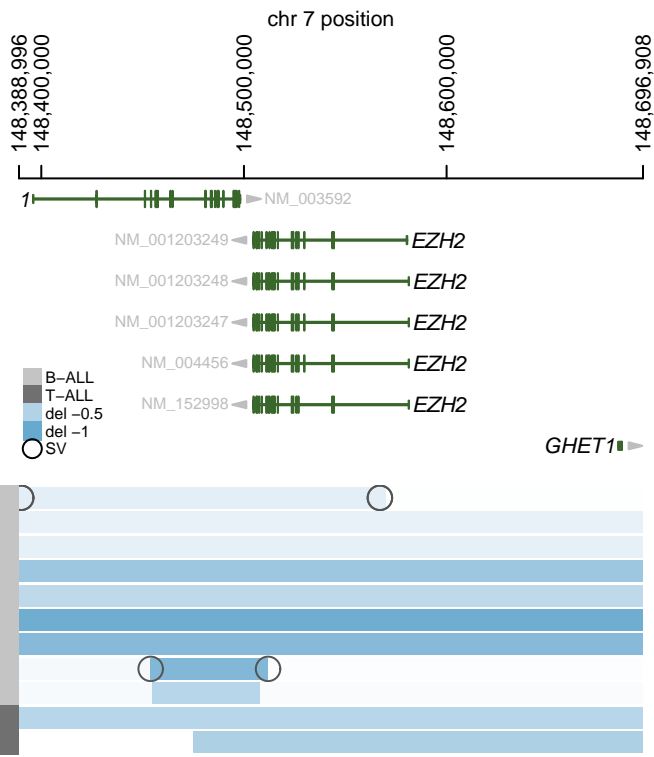


### EWSR1 focal deletions

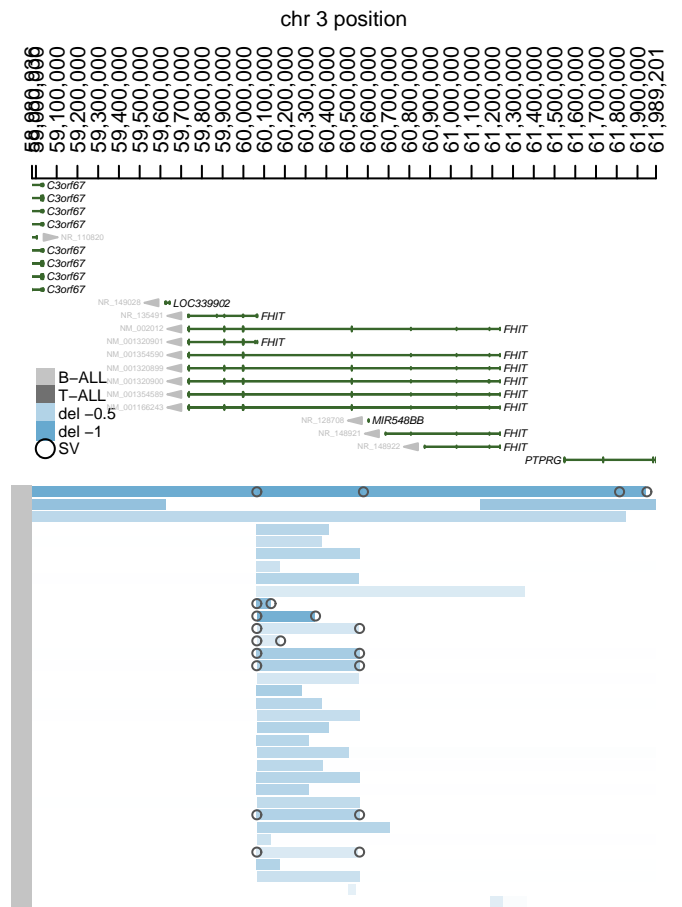
chr22 position



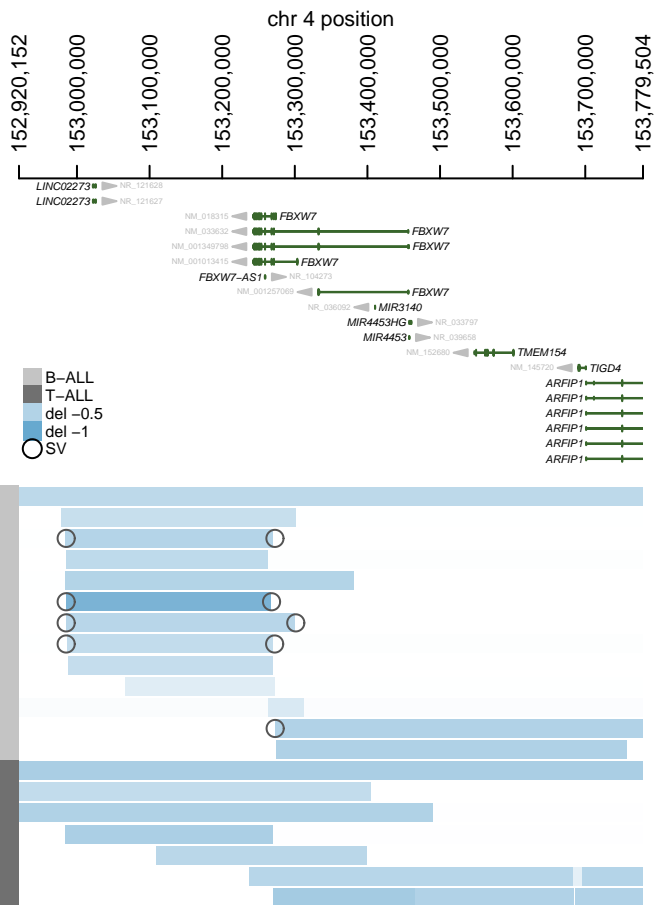
### EZH2 focal deletions



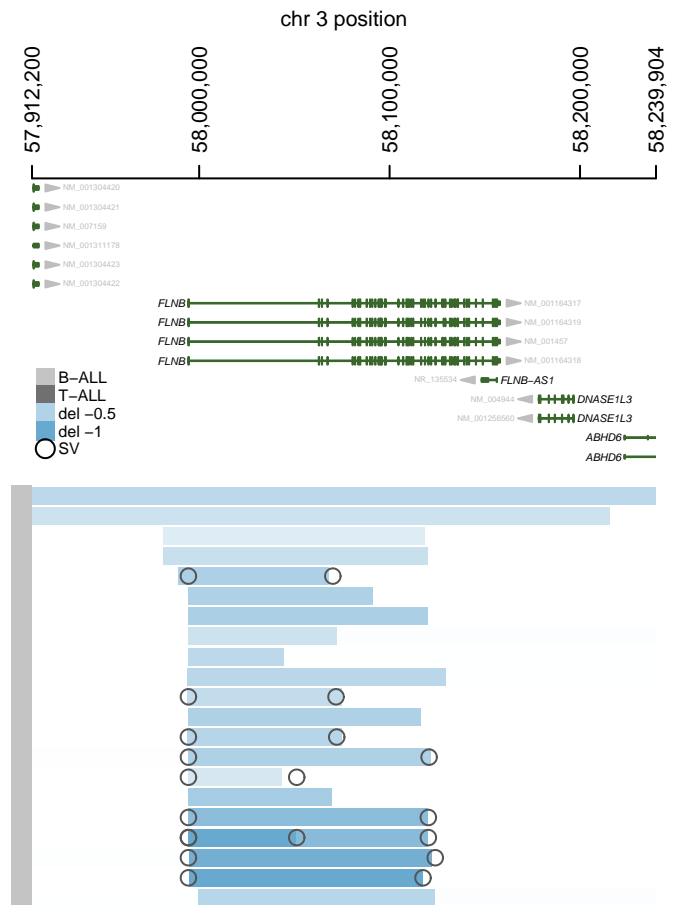
### FHIT focal deletions



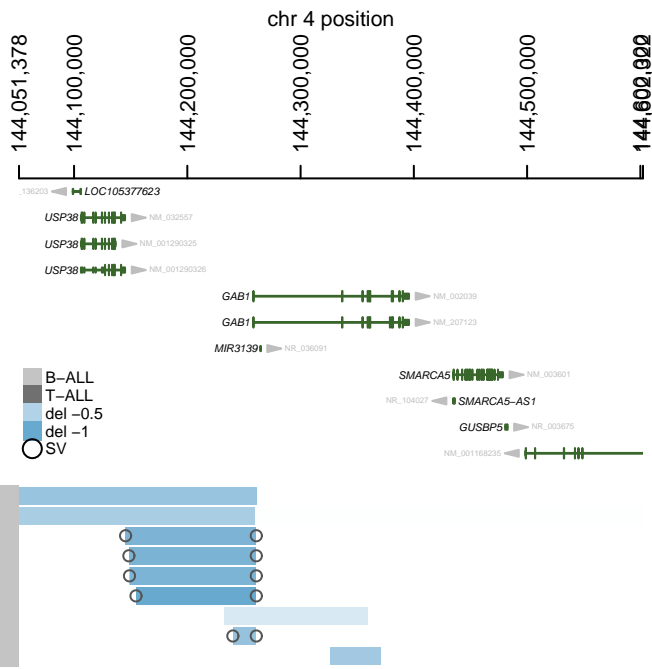
### FBXW7 focal deletions



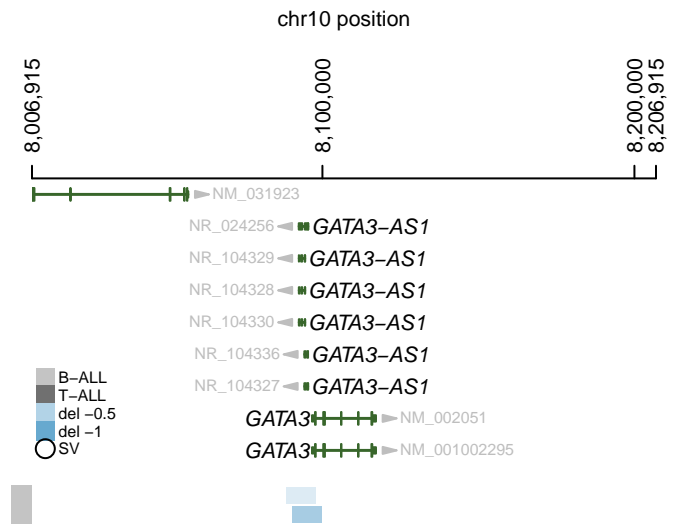
### FLNB focal deletions



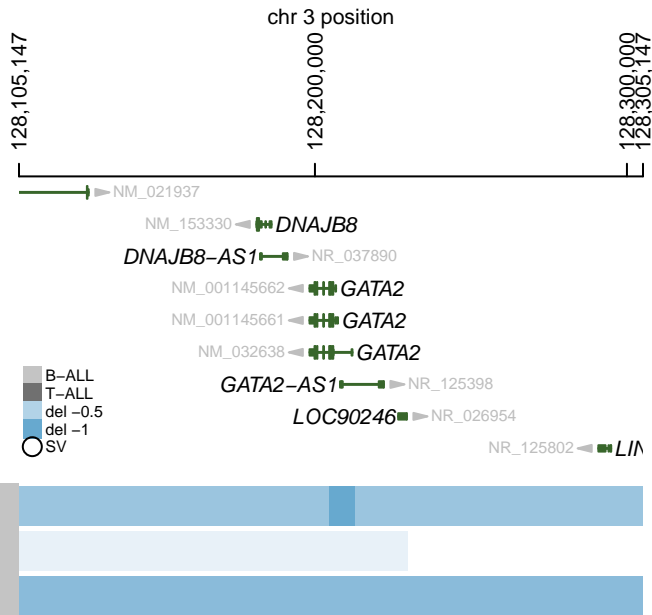
### GAB1 focal deletions



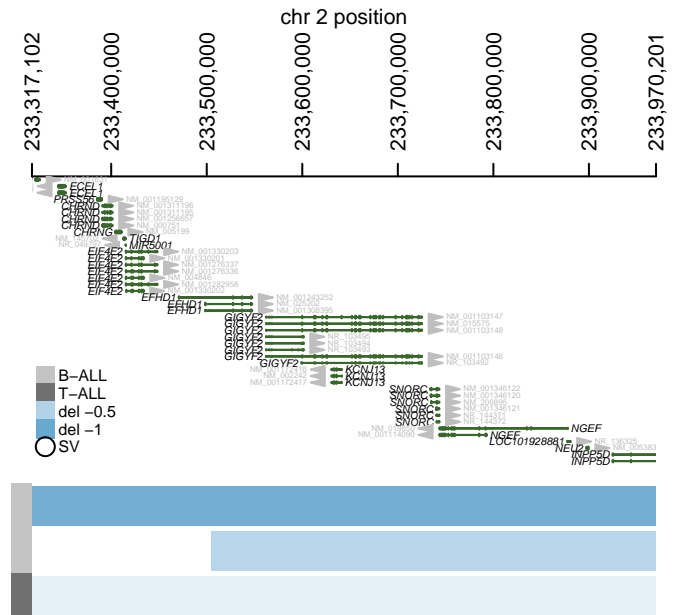
### GATA3 focal deletions



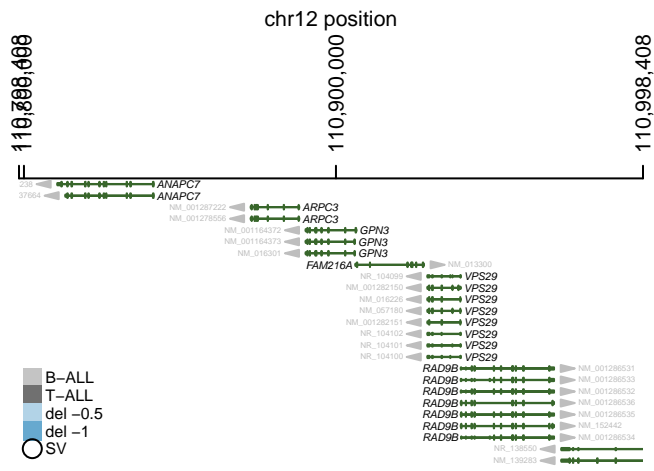
### GATA2 focal deletions



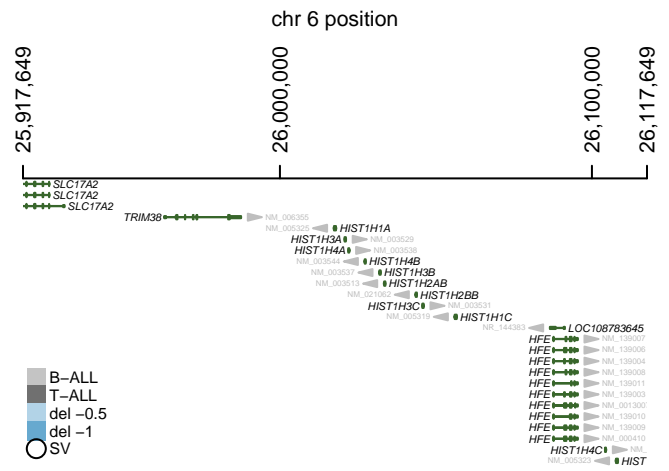
### GIGYF2 focal deletions



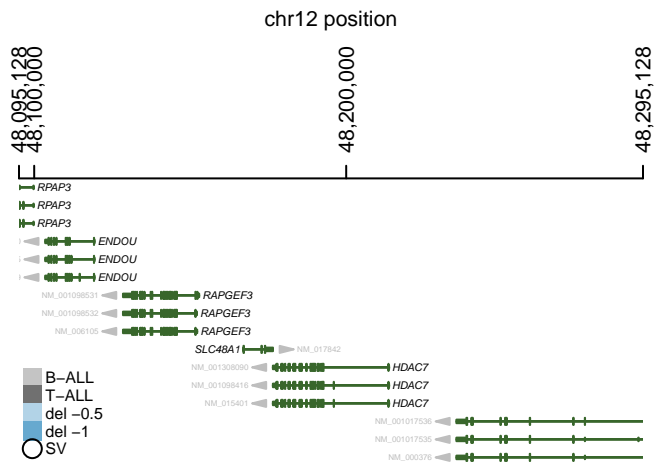
### GPN3 focal deletions



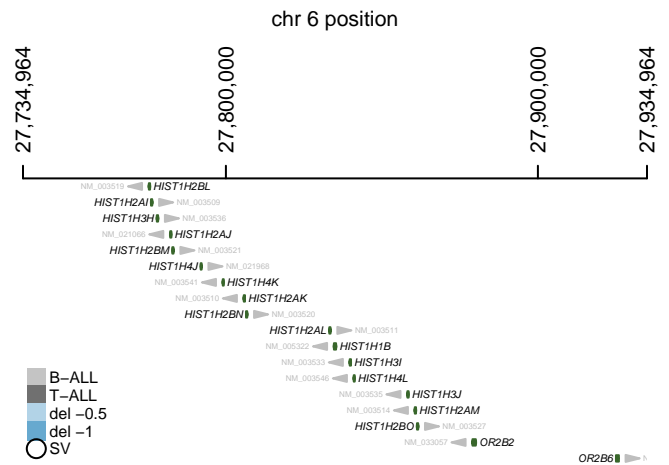
### HIST1H1A focal deletions



### HDAC7 focal deletions



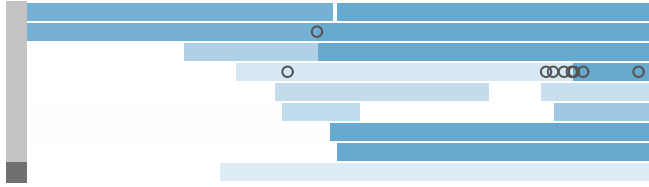
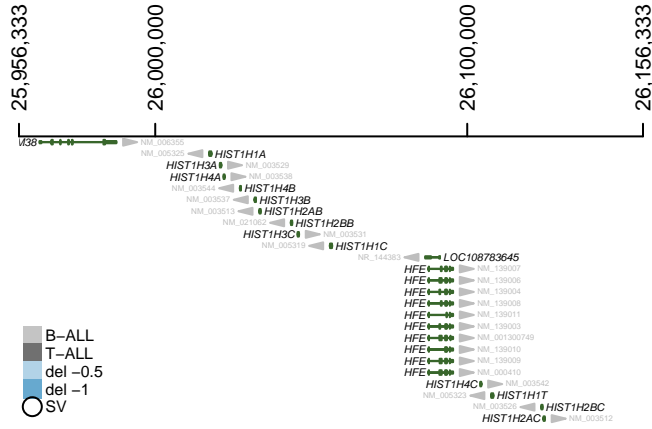
### HIST1H1B focal deletions





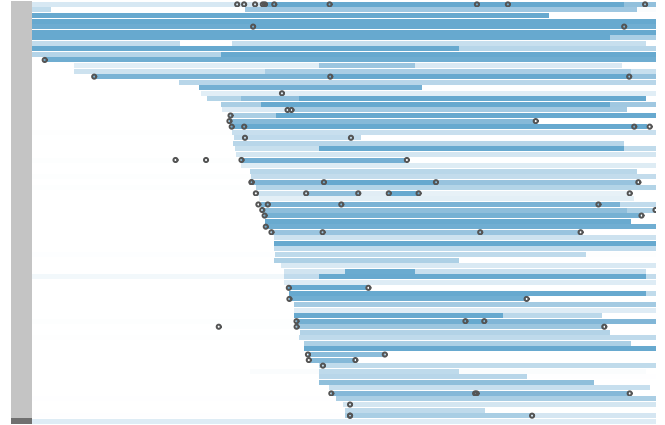
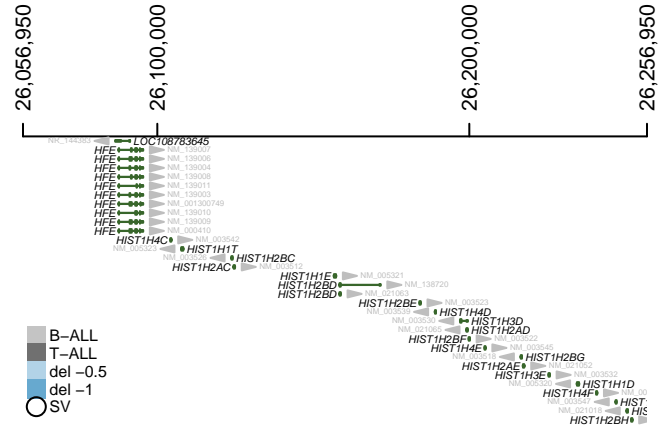
### HIST1H1C focal deletions

chr 6 position



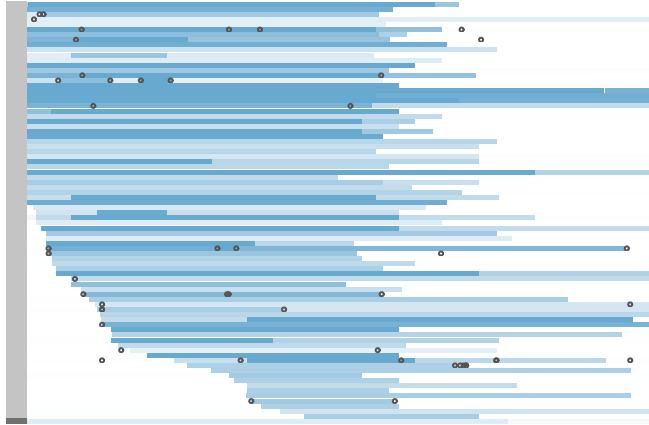
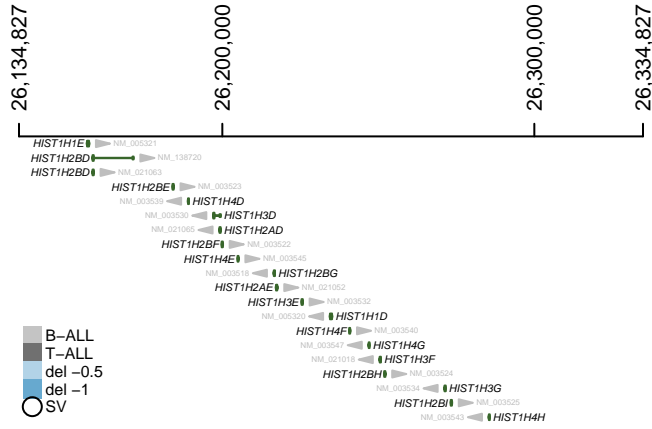
### HIST1H1E focal deletions

chr 6 position



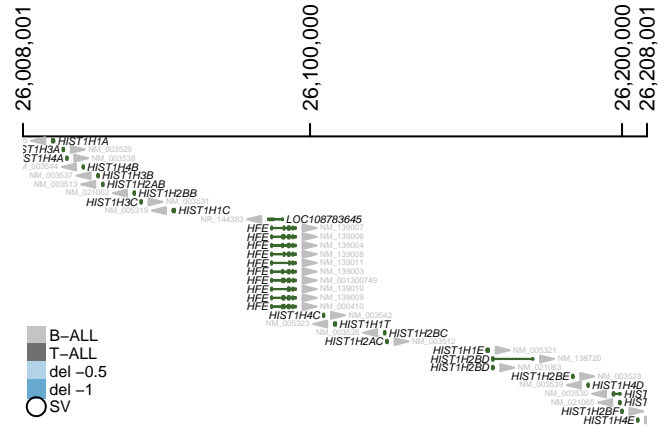
### HIST1H1D focal deletions

chr 6 position



### HIST1H1T focal deletions

chr 6 position

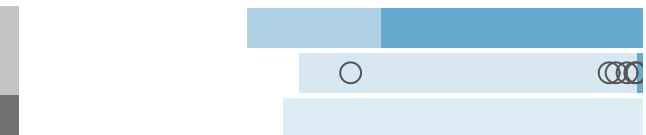


### HIST1H2AB focal deletions

chr 6 position



B-ALL  
T-ALL  
del -0.5  
del -1  
SV

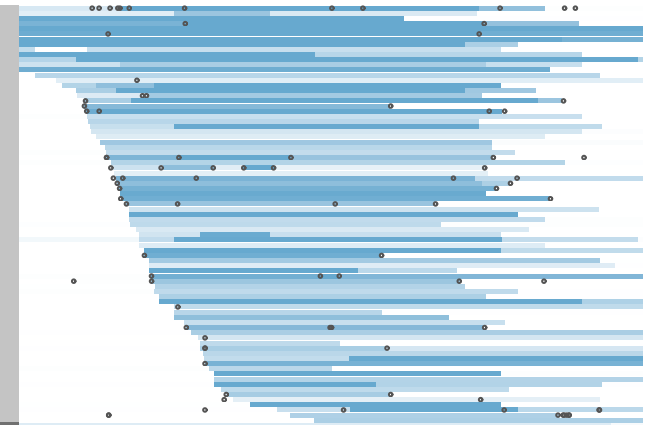


### HIST1H2AD focal deletions

chr 6 position



B-ALL  
T-ALL  
del -0.5  
del -1  
SV

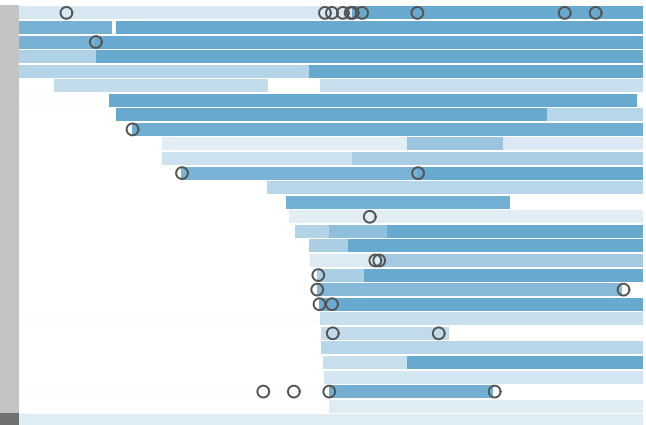


### HIST1H2AC focal deletions

chr 6 position



B-ALL  
T-ALL  
del -0.5  
del -1  
SV

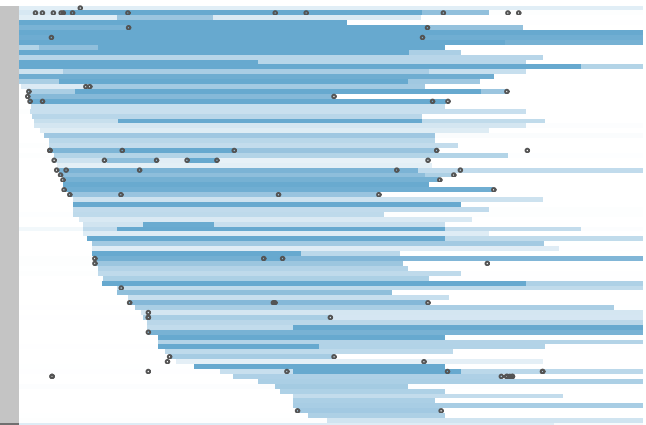


### HIST1H2AE focal deletions

chr 6 position

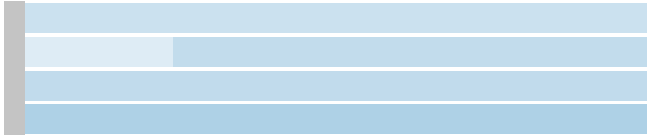
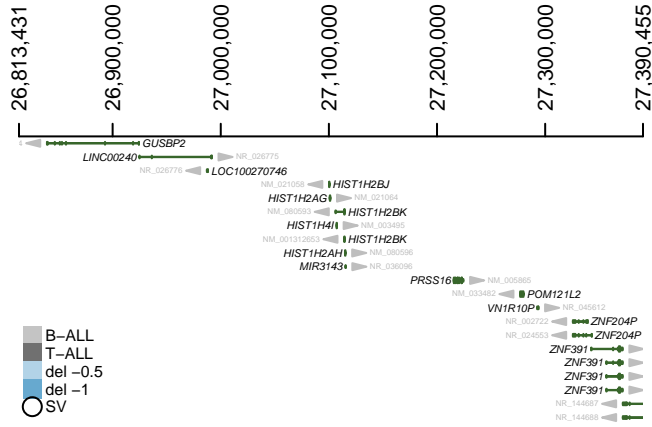


B-ALL  
T-ALL  
del -0.5  
del -1  
SV



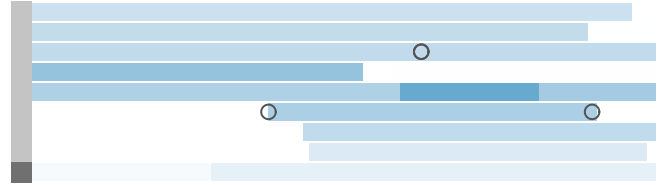
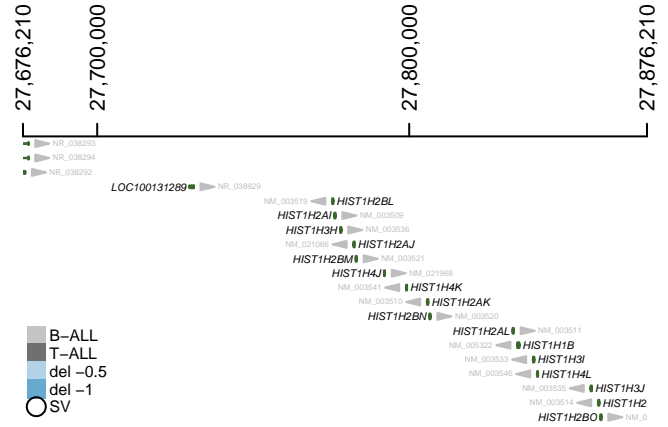
### HIST1H2AG focal deletions

chr 6 position



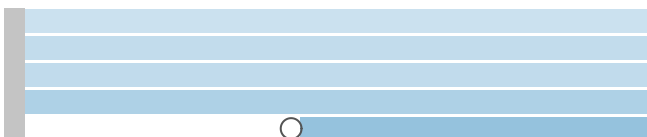
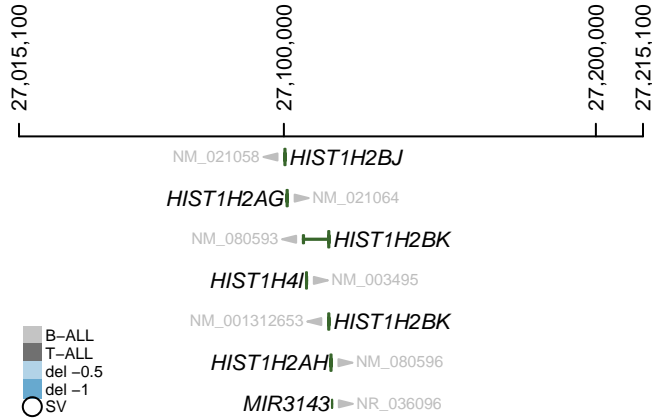
### HIST1H2AI focal deletions

chr 6 position



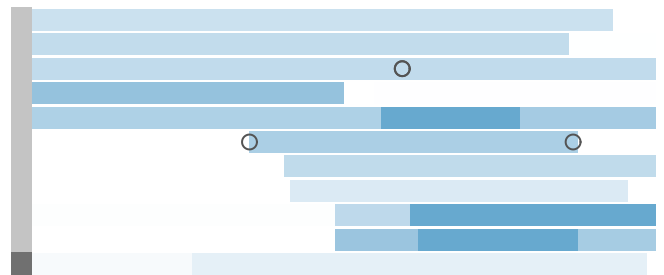
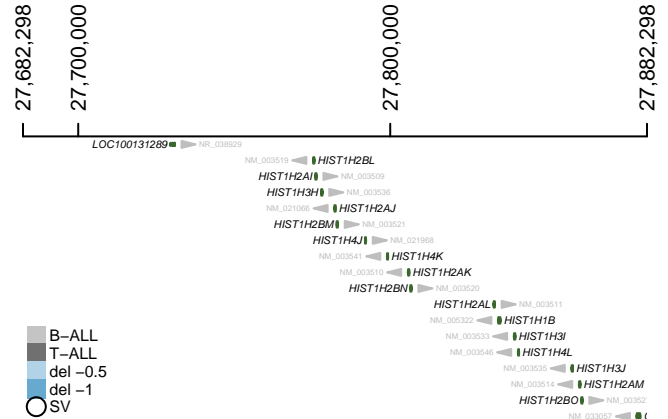
### HIST1H2AH focal deletions

chr 6 position



### HIST1H2AJ focal deletions

chr 6 position



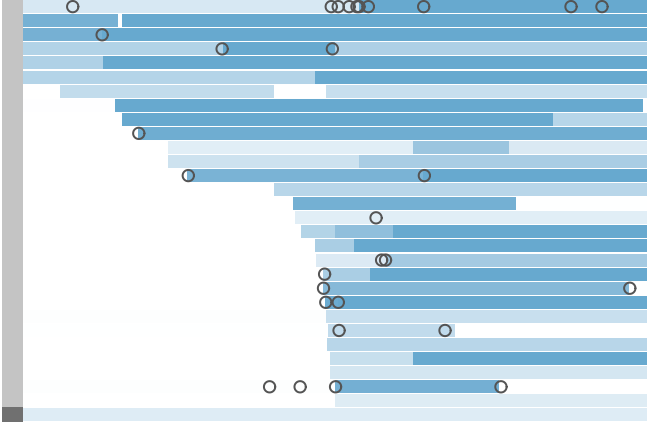


### HIST1H2BC focal deletions

chr 6 position



B-ALL  
T-ALL  
del -0.5  
del -1  
SV

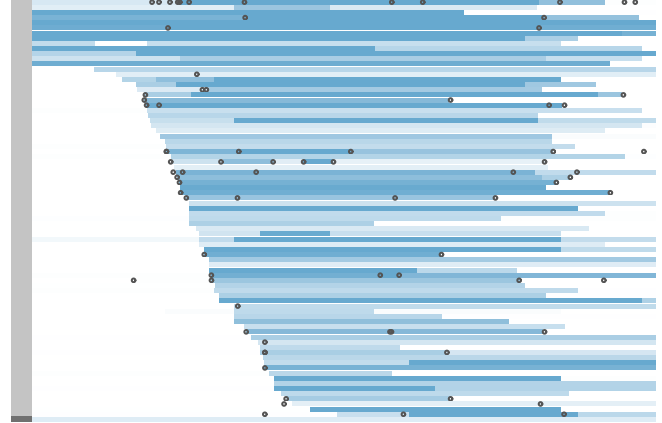


### HIST1H2BE focal deletions

chr 6 position



B-ALL  
T-ALL  
del -0.5  
del -1  
SV

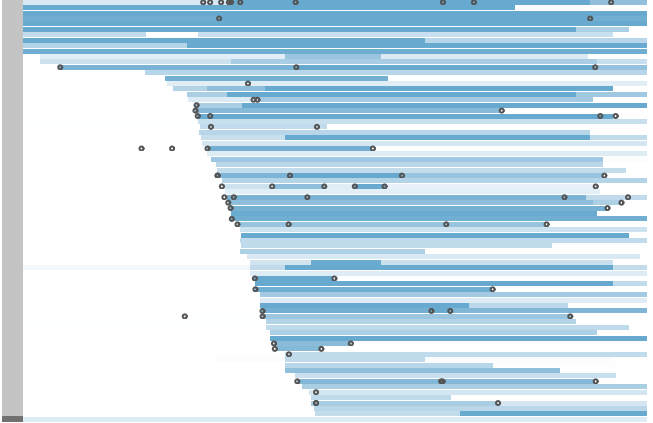


### HIST1H2BD focal deletions

chr 6 position

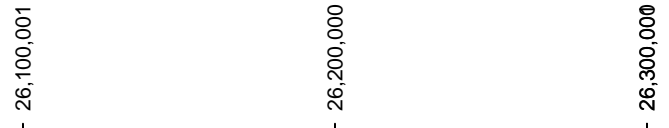


B-ALL  
T-ALL  
del -0.5  
del -1  
SV

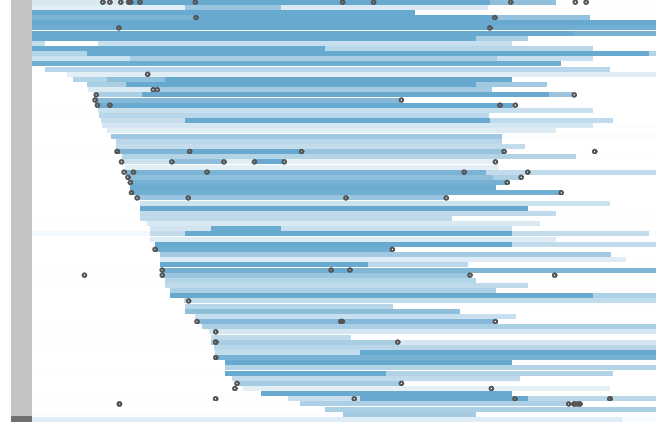


### HIST1H2BF focal deletions

chr 6 position

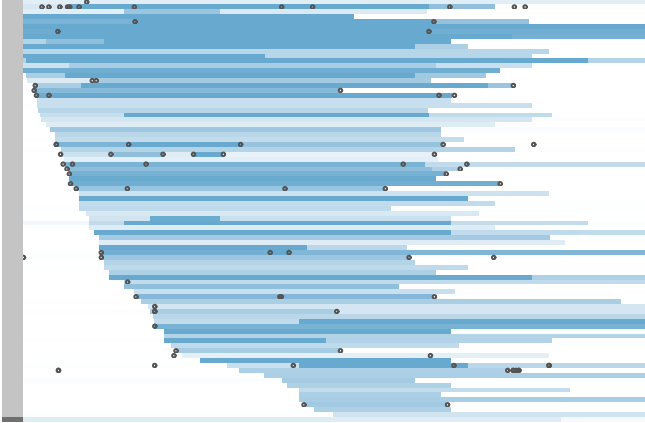
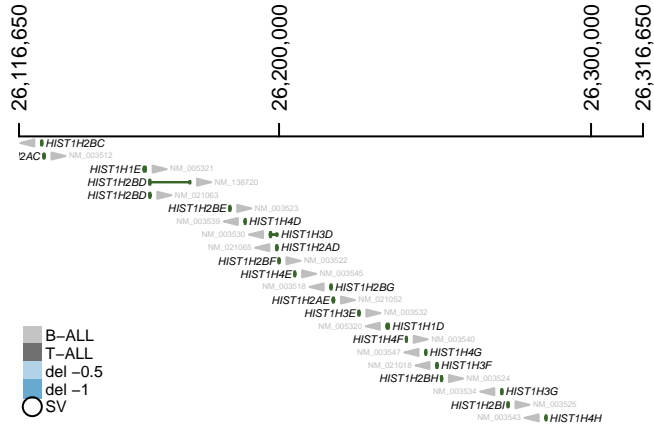


B-ALL  
T-ALL  
del -0.5  
del -1  
SV



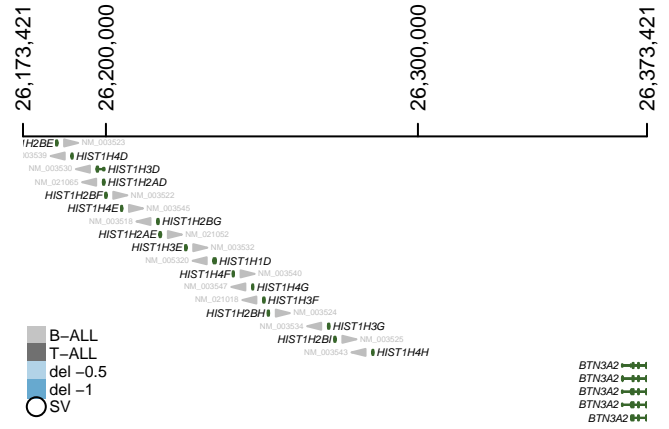
### HIST1H2BG focal deletions

chr 6 position



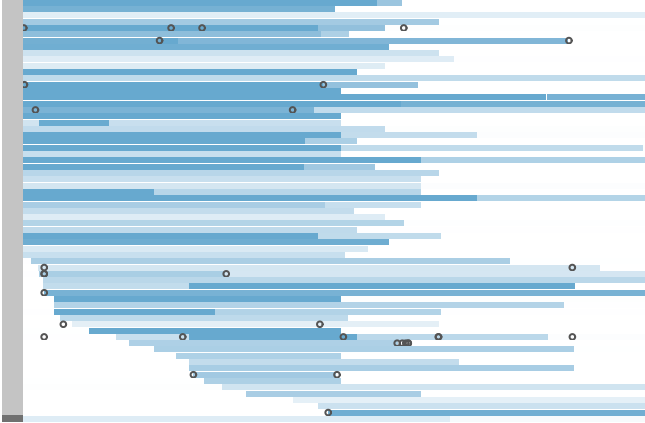
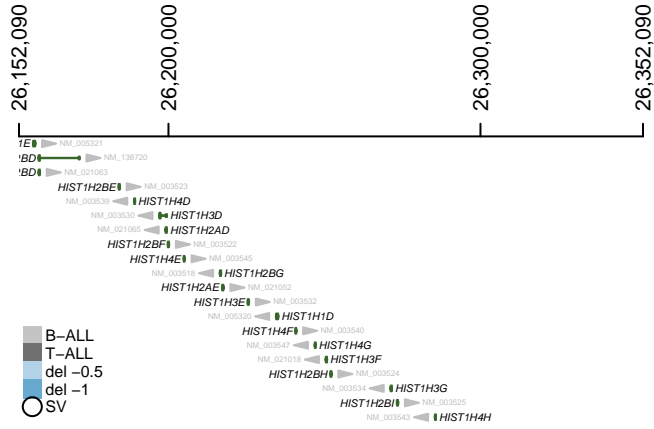
### HIST1H2BI focal deletions

chr 6 position



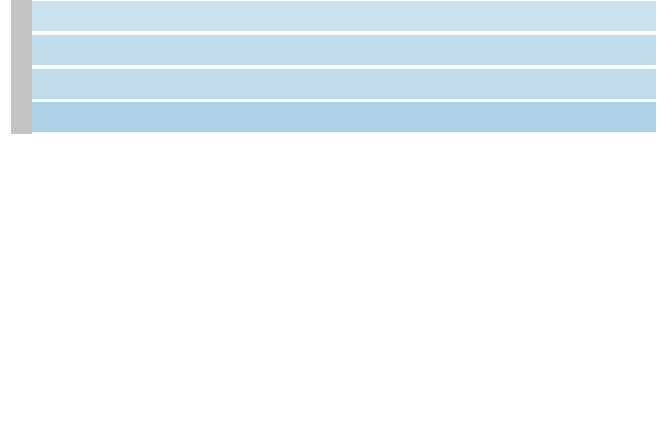
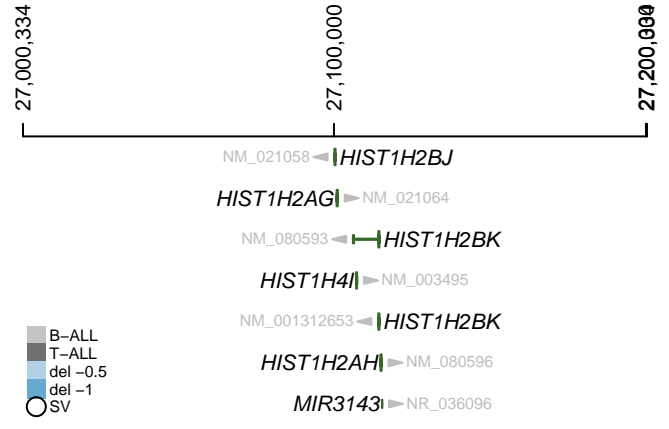
### HIST1H2BH focal deletions

chr 6 position

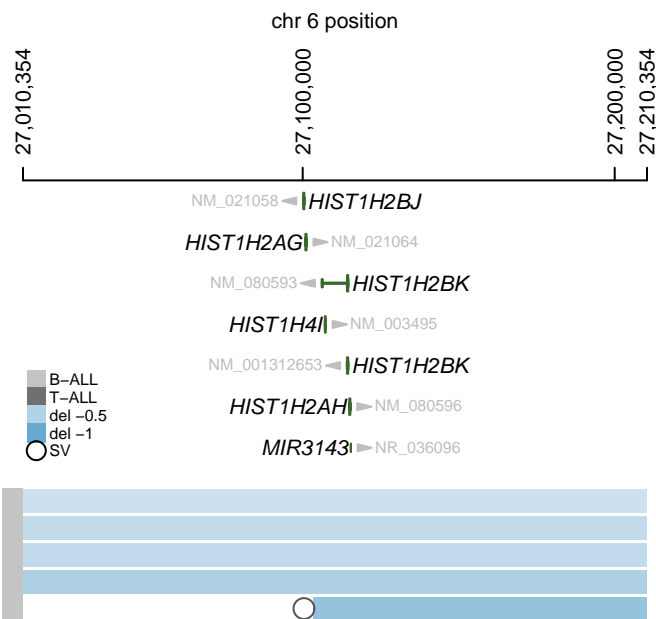


### HIST1H2BJ focal deletions

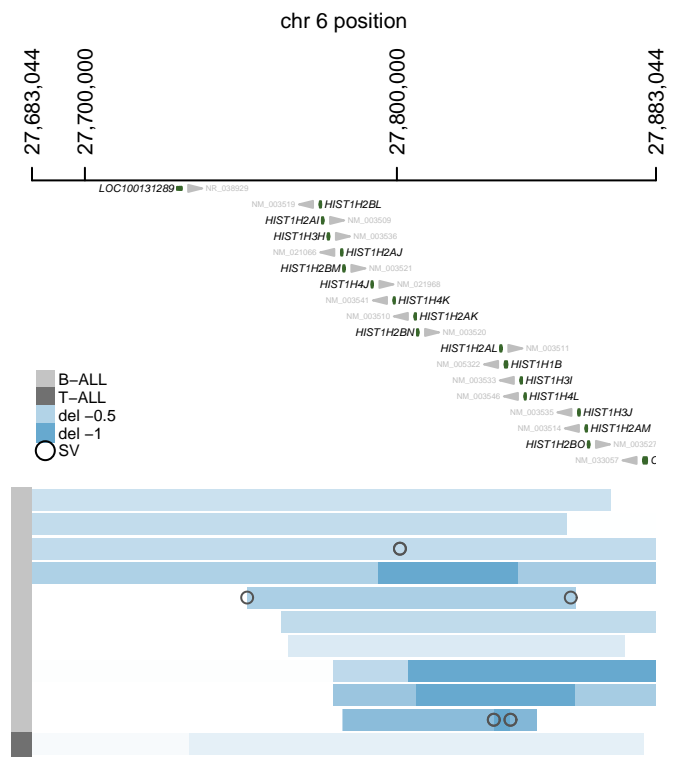
chr 6 position



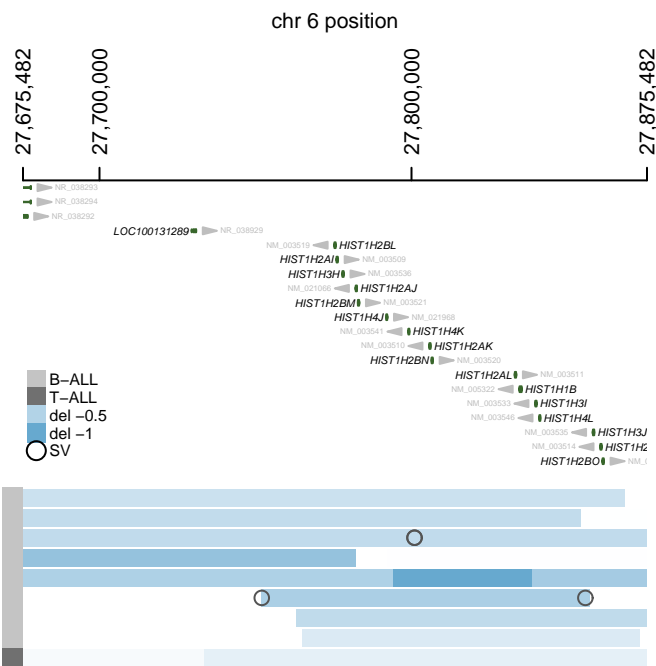
### HIST1H2BK focal deletions



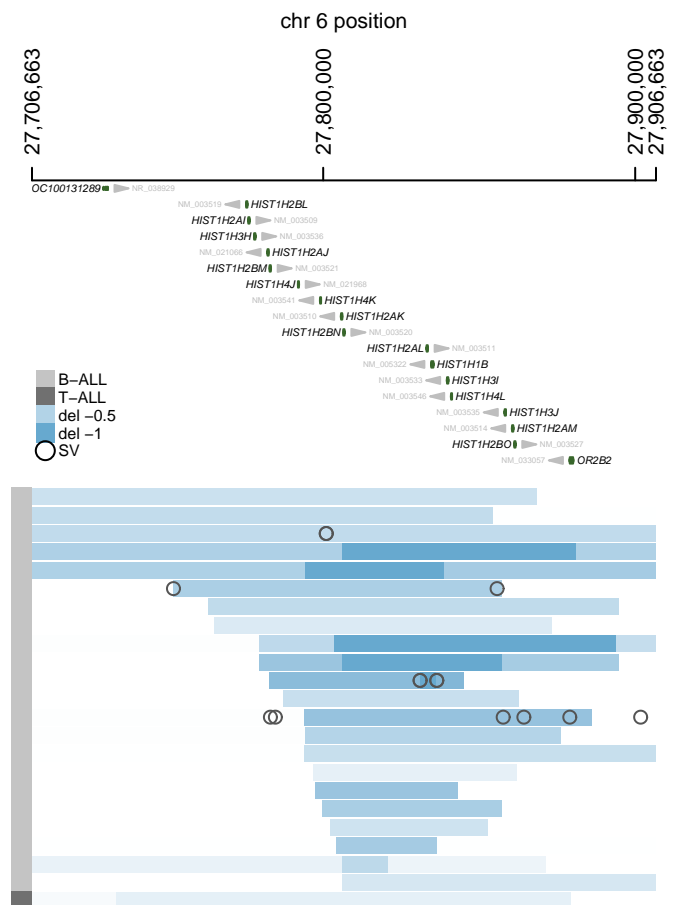
### HIST1H2BM focal deletions



### HIST1H2BL focal deletions

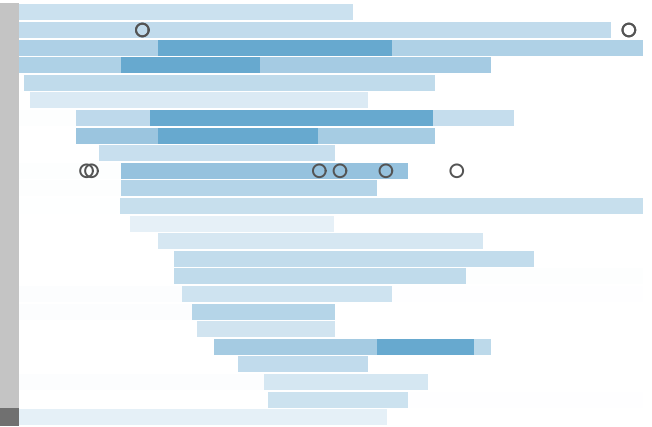
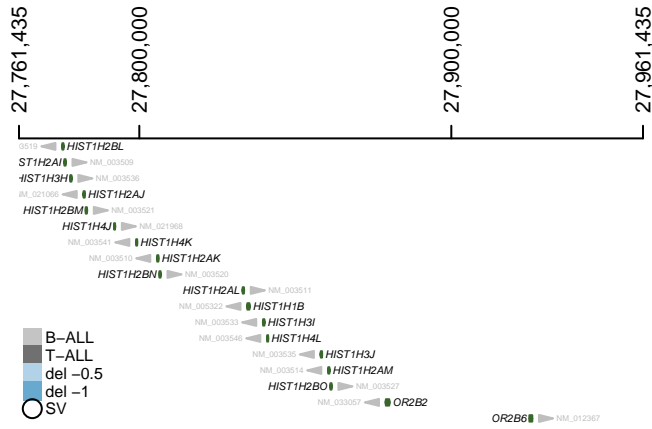


### HIST1H2BN focal deletions



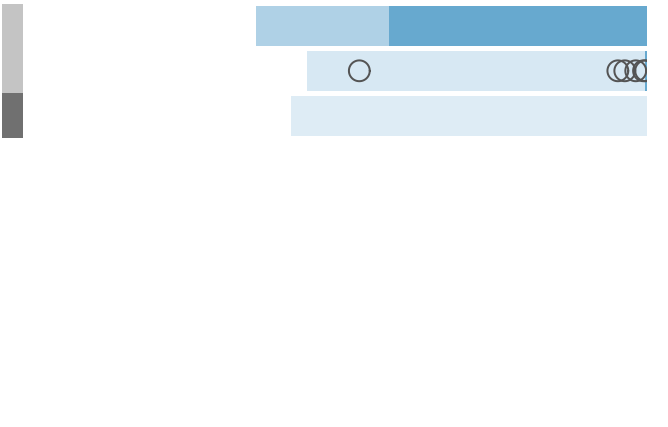
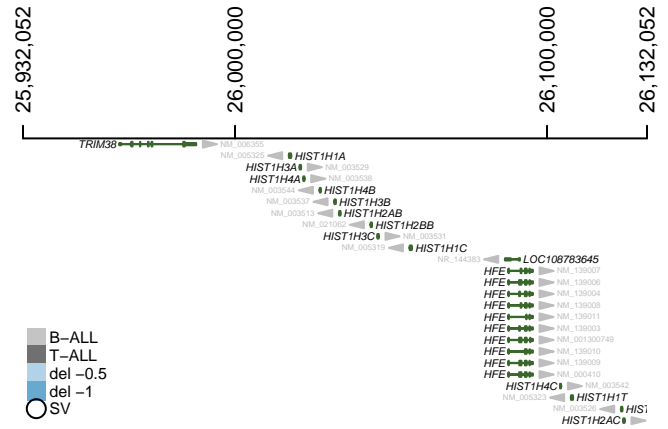
### HIST1H2BO focal deletions

chr 6 position



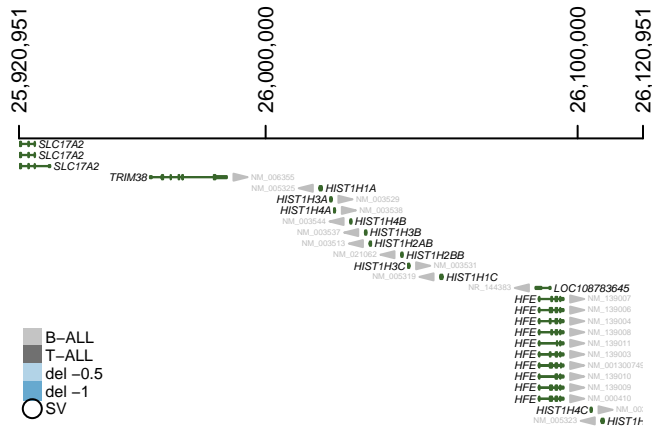
### HIST1H3B focal deletions

chr 6 position



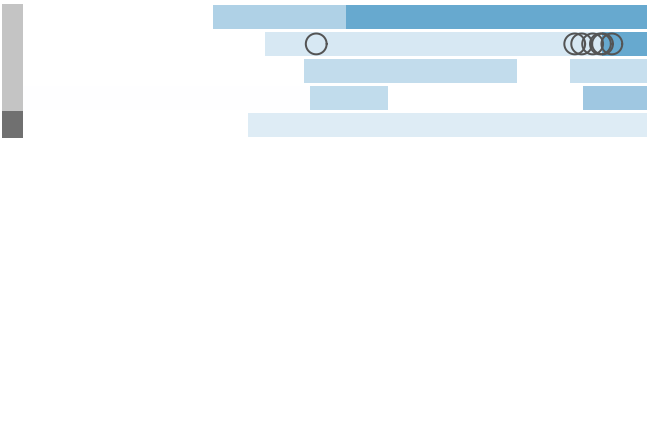
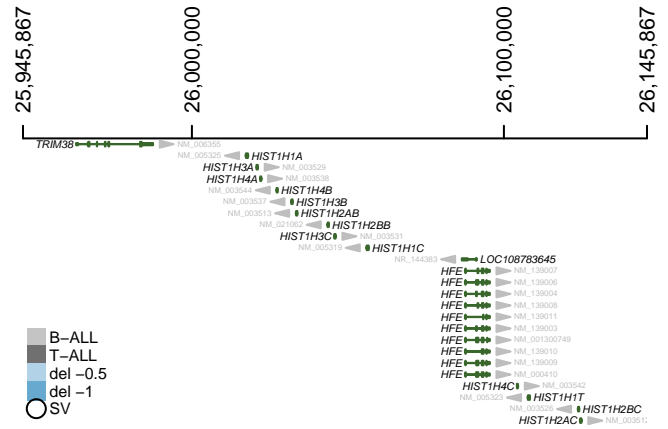
### HIST1H3A focal deletions

chr 6 position



### HIST1H3C focal deletions

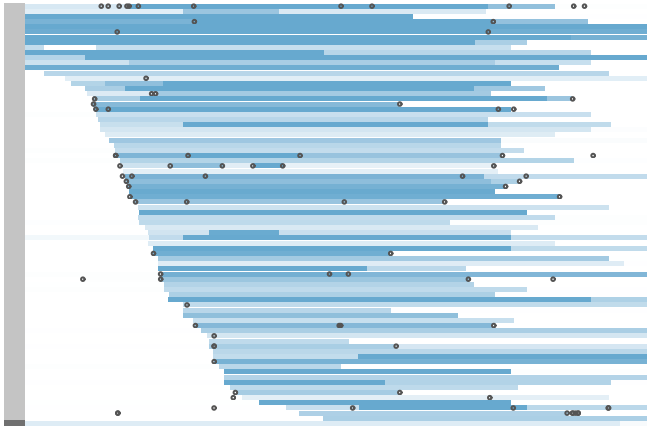
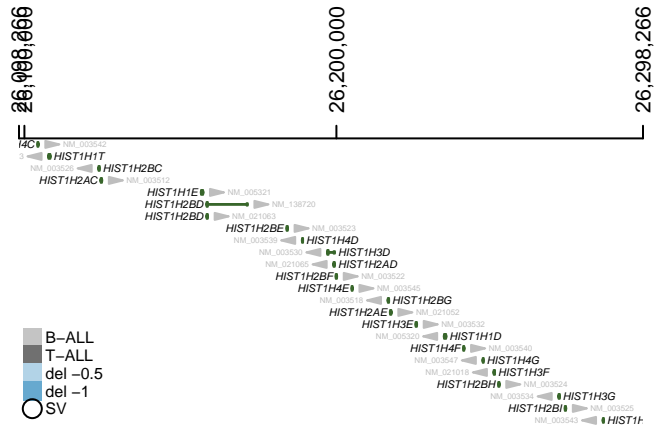
chr 6 position





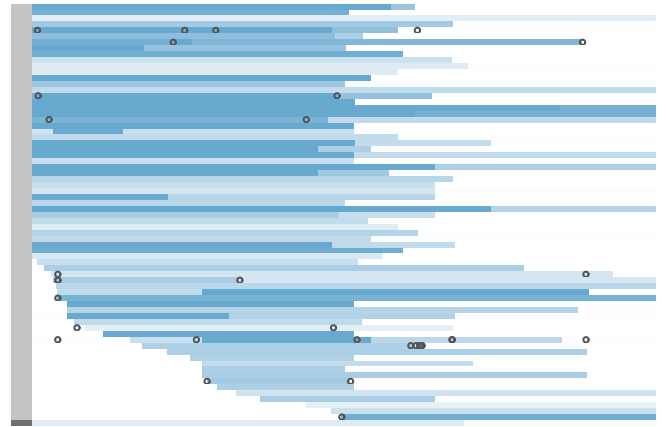
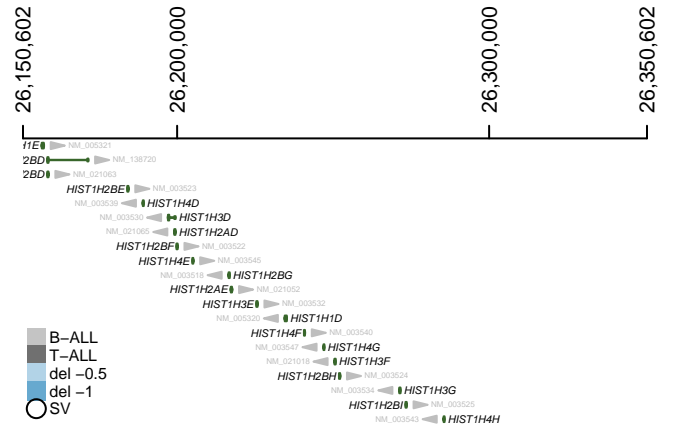
### HIST1H3D focal deletions

chr 6 position



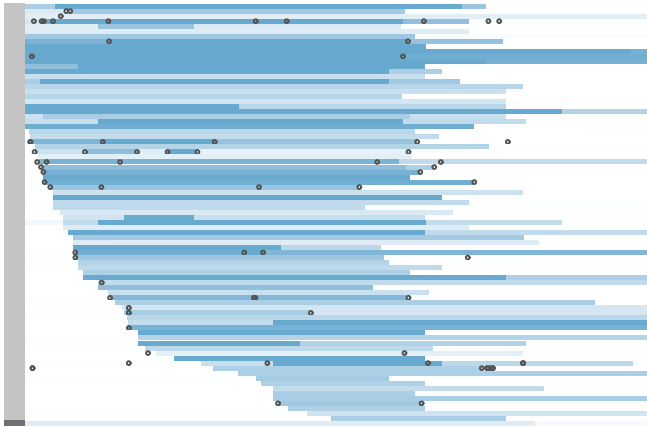
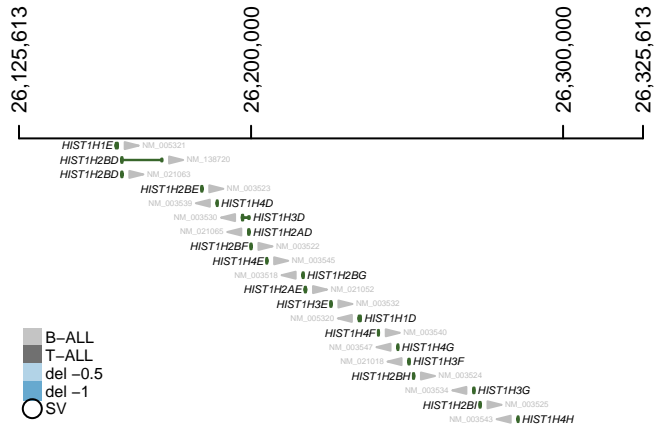
### HIST1H3F focal deletions

chr 6 position



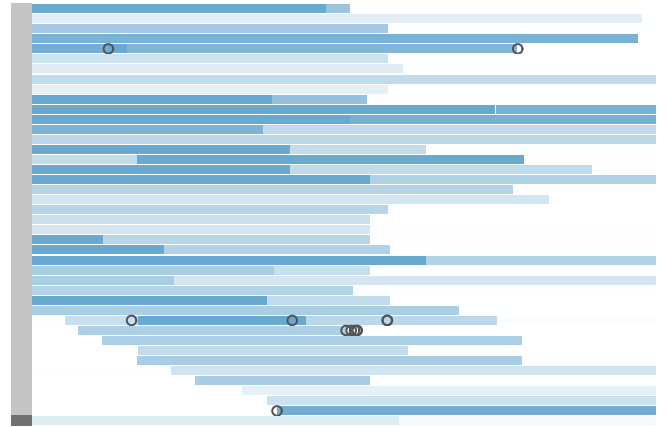
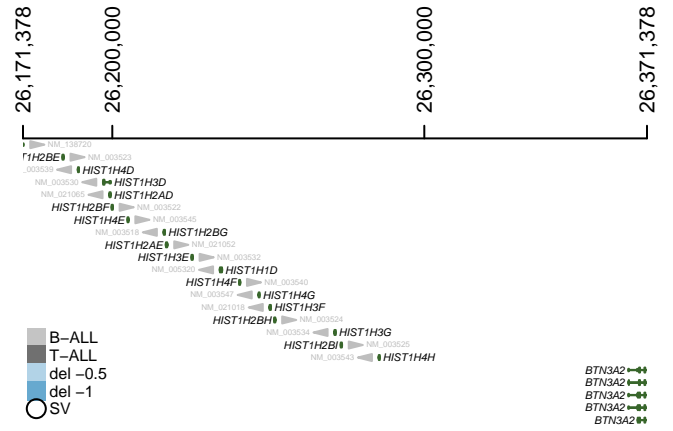
### HIST1H3E focal deletions

chr 6 position



### HIST1H3G focal deletions

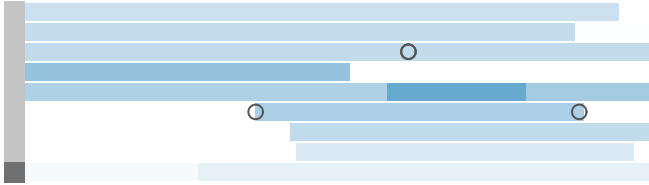
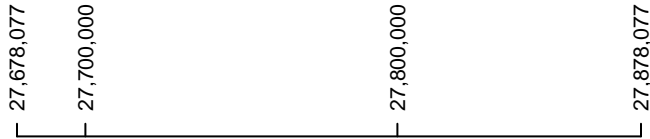
chr 6 position



BTN3A2  
BTN3A2  
BTN3A2  
BTN3A2  
BTN3A2

### HIST1H3H focal deletions

chr 6 position



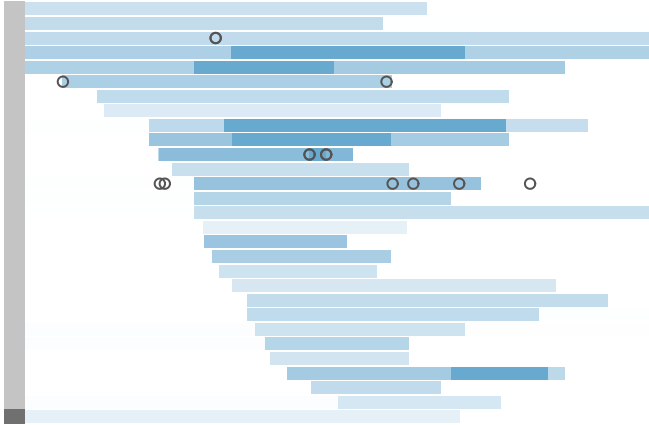
### HIST1H3J focal deletions

chr 6 position



### HIST1H3I focal deletions

chr 6 position



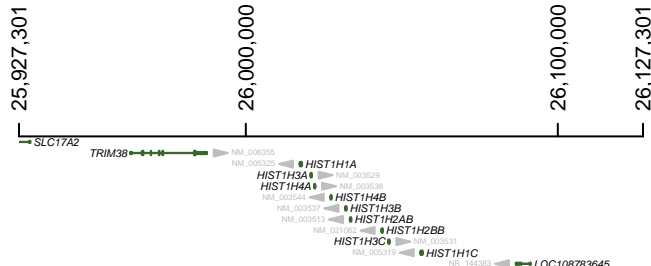
### HIST1H4A focal deletions

chr 6 position

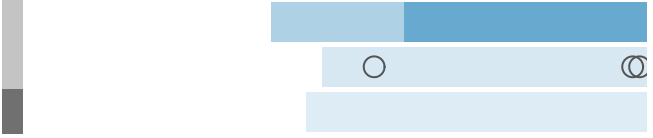


### HIST1H4B focal deletions

chr 6 position

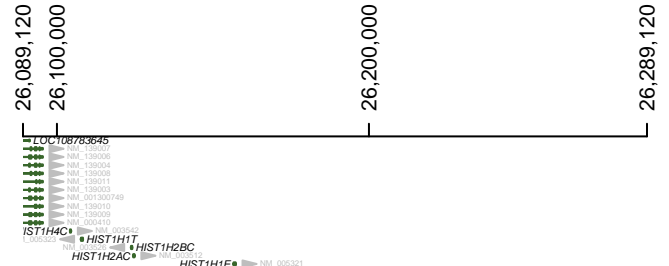


B-ALL  
 T-ALL  
 del -0.5  
 del -1  
 SV

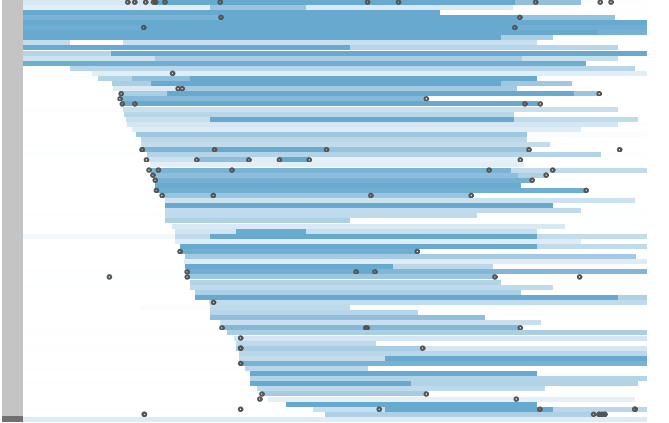


### HIST1H4D focal deletions

chr 6 position

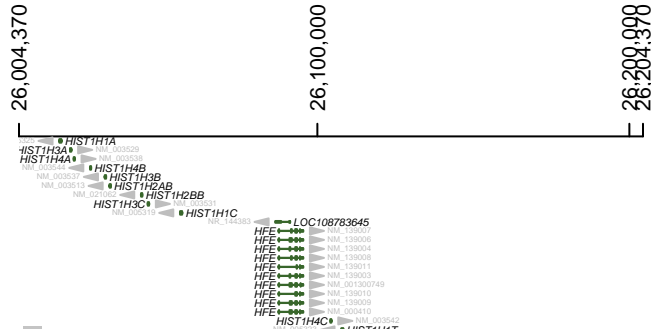


B-ALL  
 T-ALL  
 del -0.5  
 del -1  
 SV

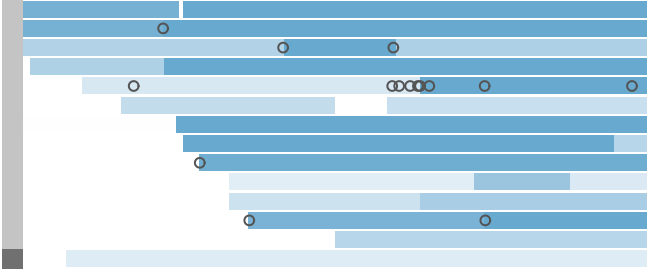


### HIST1H4C focal deletions

chr 6 position

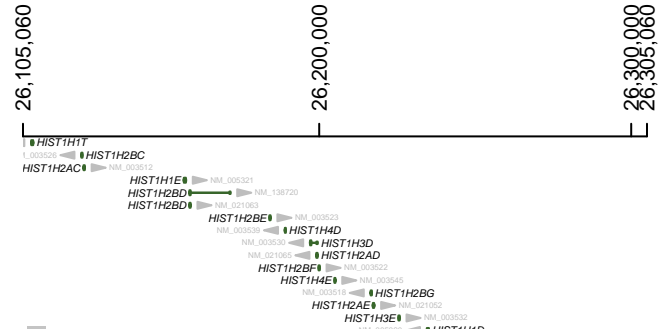


B-ALL  
 T-ALL  
 del -0.5  
 del -1  
 SV

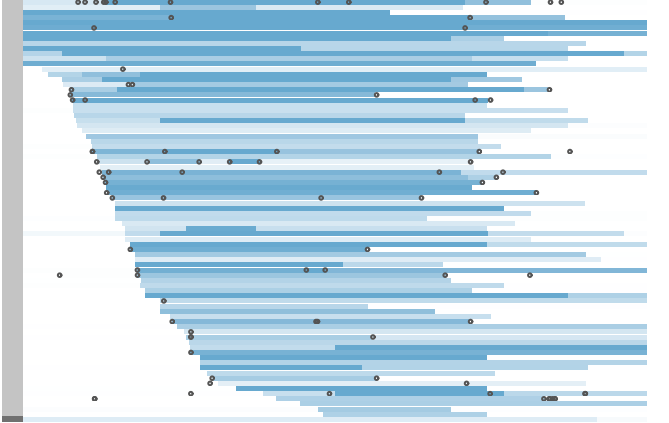


### HIST1H4E focal deletions

chr 6 position

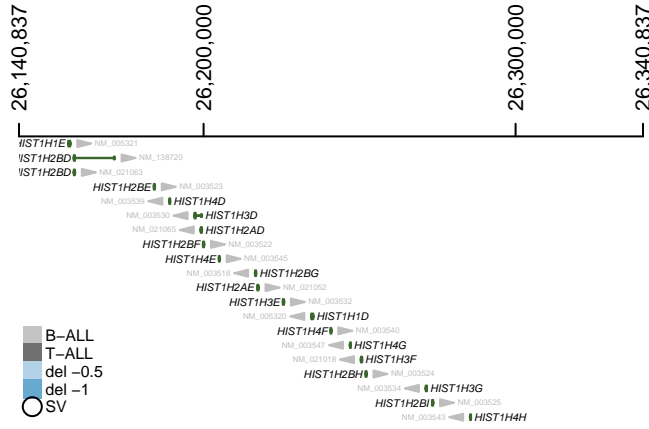


B-ALL  
 T-ALL  
 del -0.5  
 del -1  
 SV



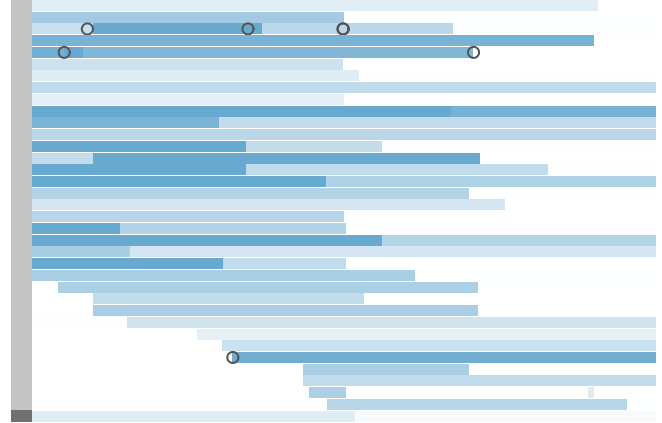
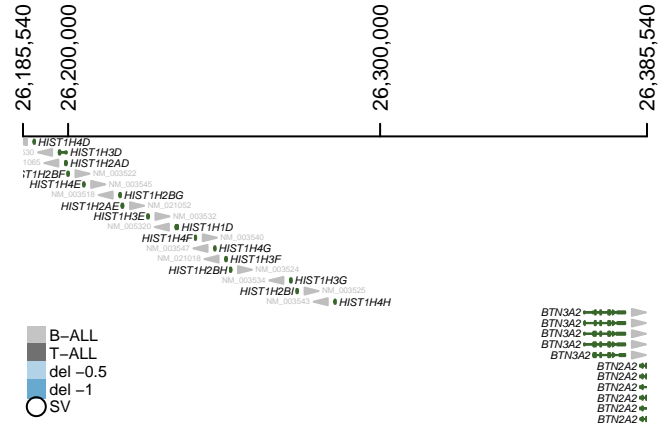
### HIST1H4F focal deletions

chr 6 position



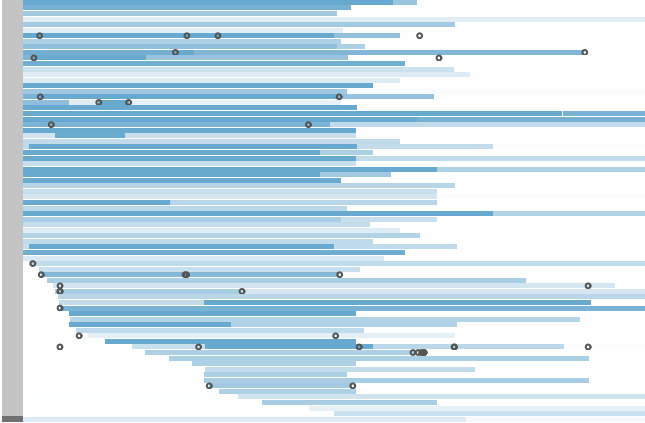
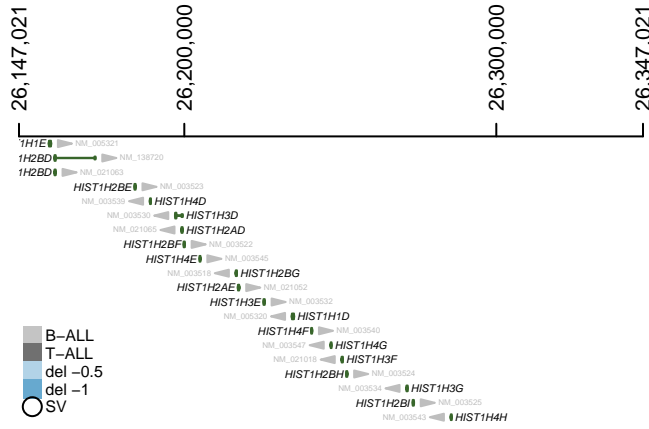
### HIST1H4H focal deletions

chr 6 position



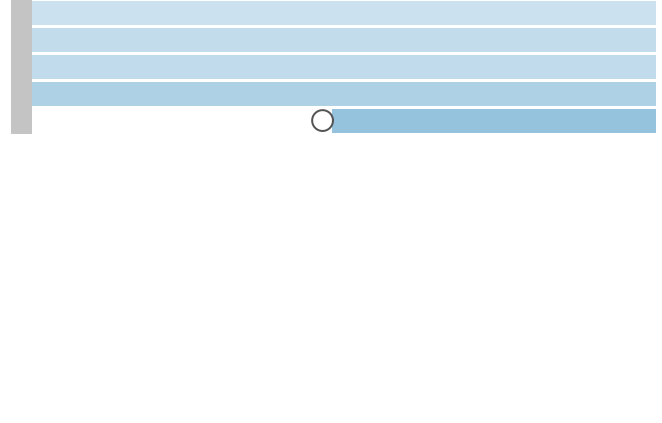
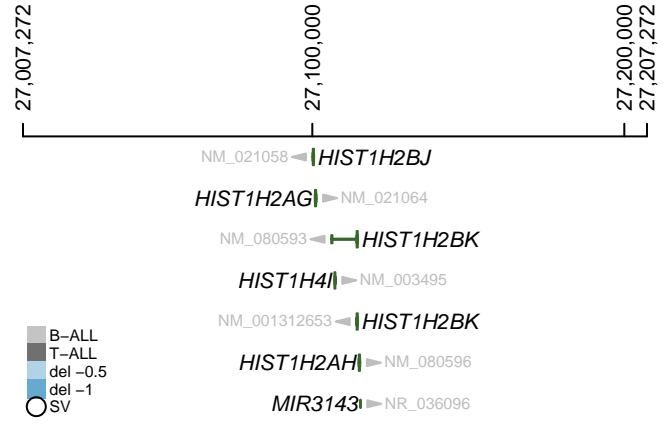
### HIST1H4G focal deletions

chr 6 position



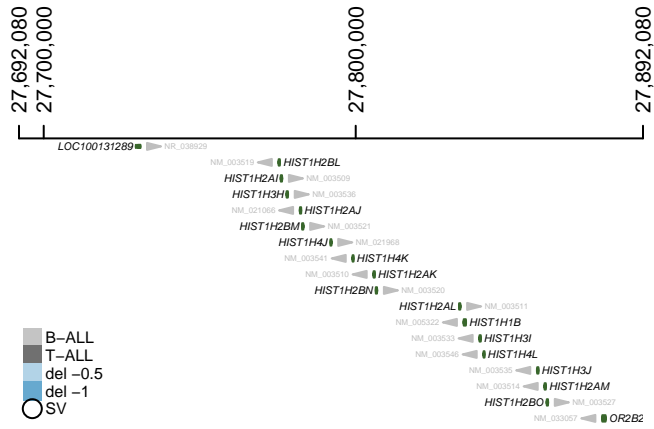
### HIST1H4I focal deletions

chr 6 position



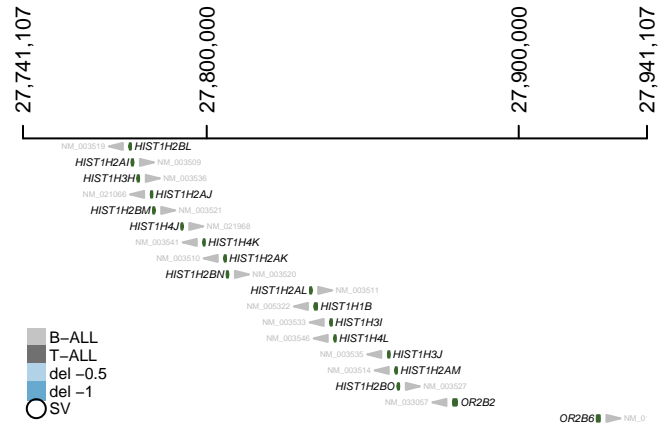
### HIST1H4J focal deletions

chr 6 position



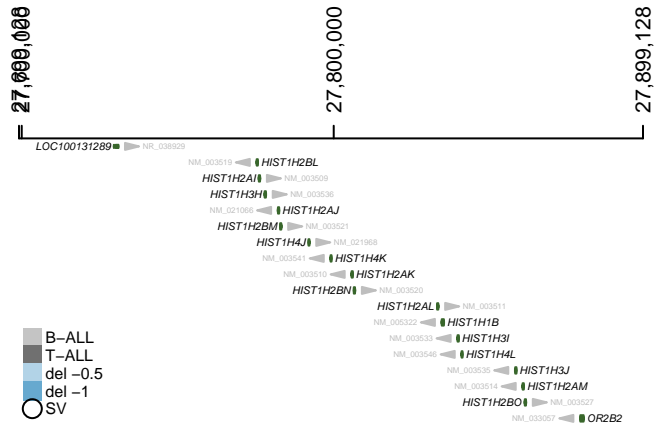
### HIST1H4L focal deletions

chr 6 position



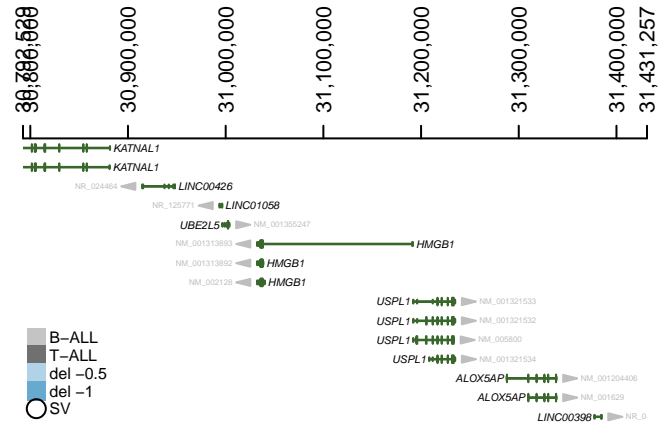
### HIST1H4K focal deletions

chr 6 position



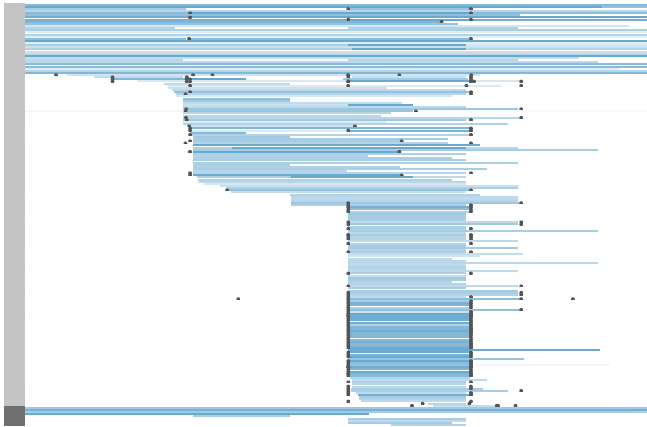
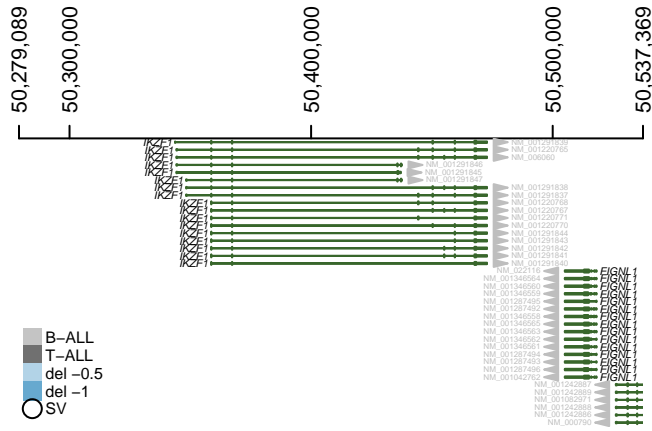
### HMGB1 focal deletions

chr13 position



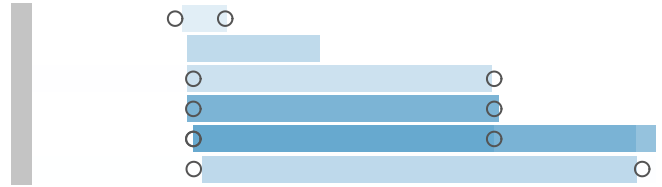
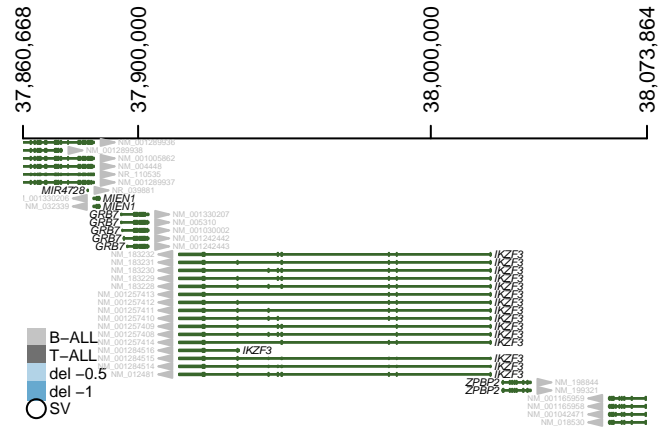
### IKZF1 focal deletions

chr 7 position



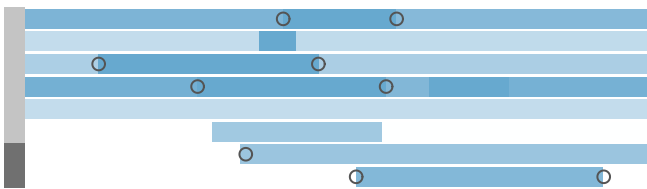
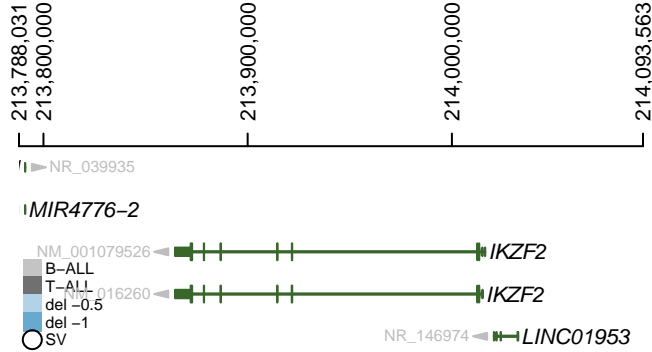
### IKZF3 focal deletions

chr17 position



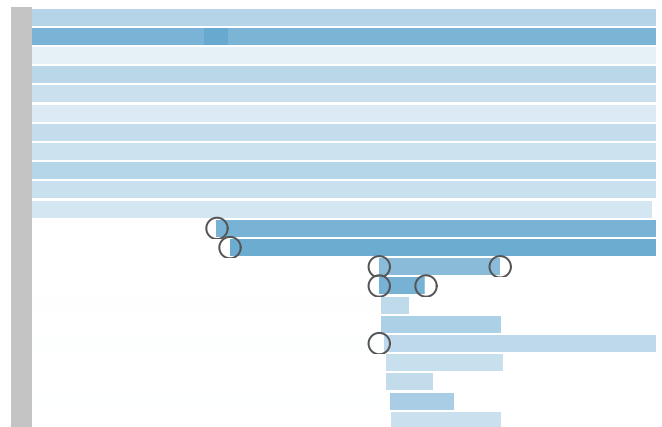
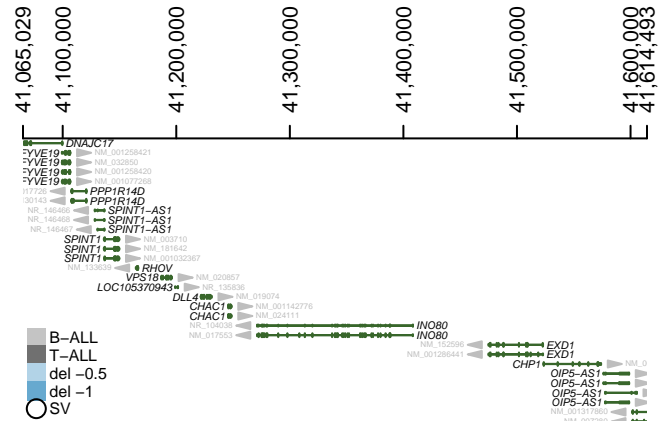
### IKZF2 focal deletions

chr 2 position

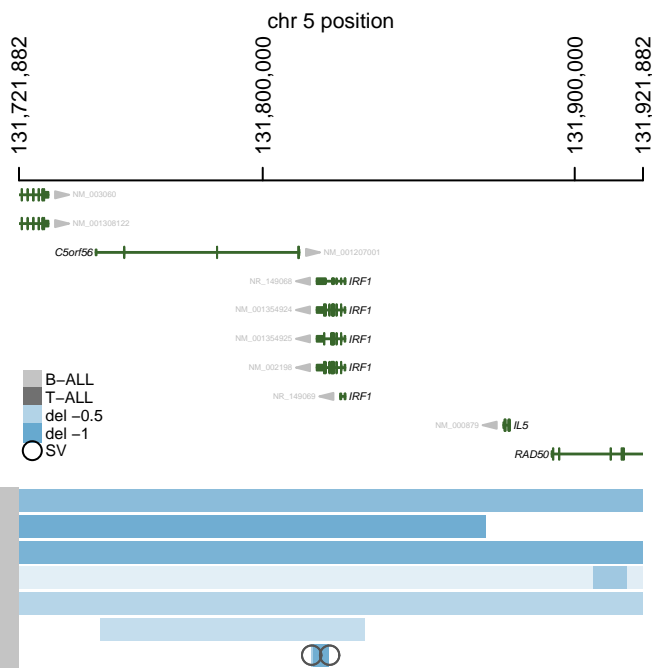


### INO80 focal deletions

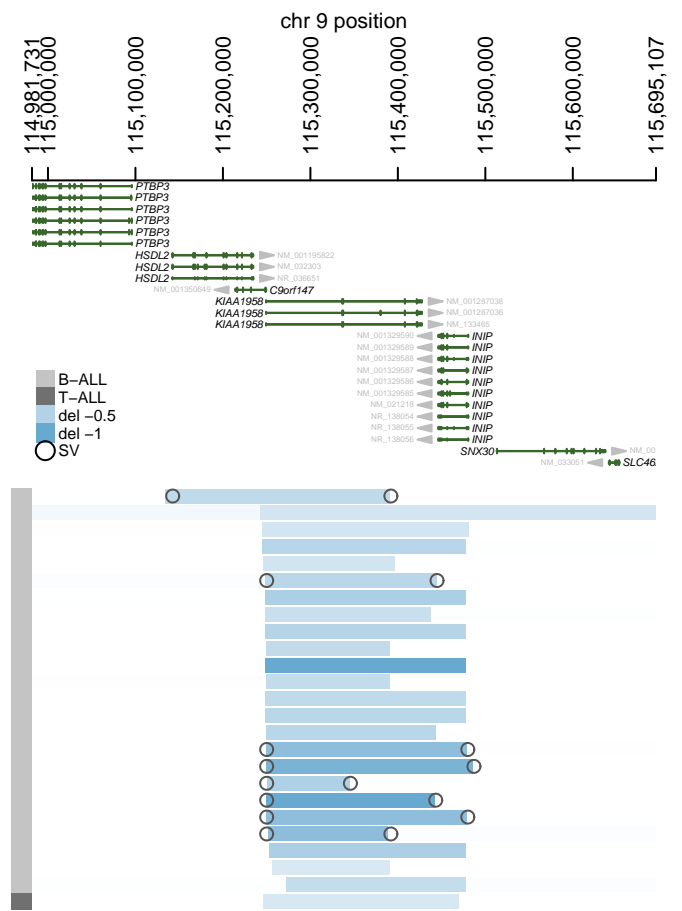
chr15 position



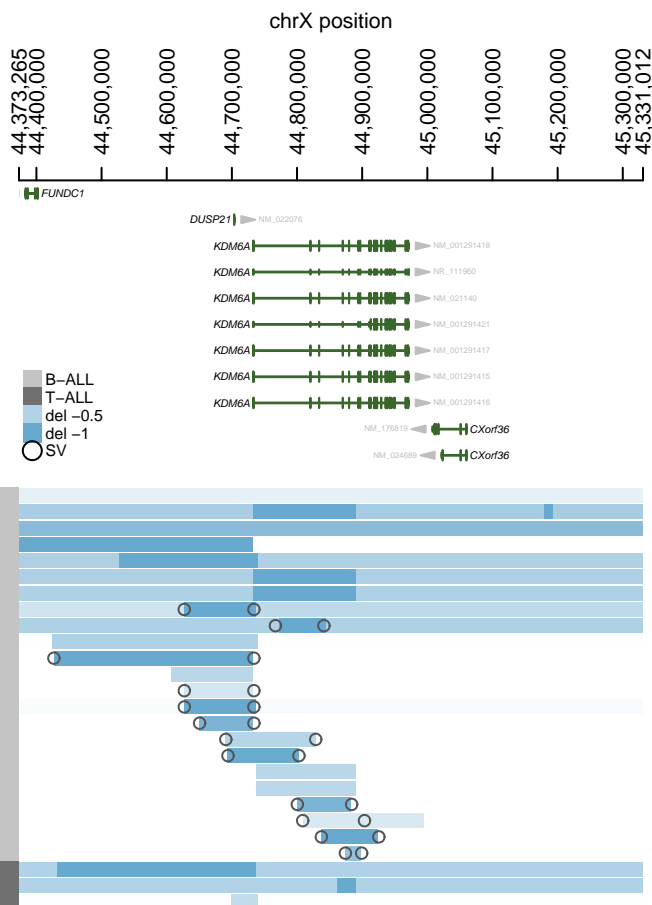
### IRF1 focal deletions



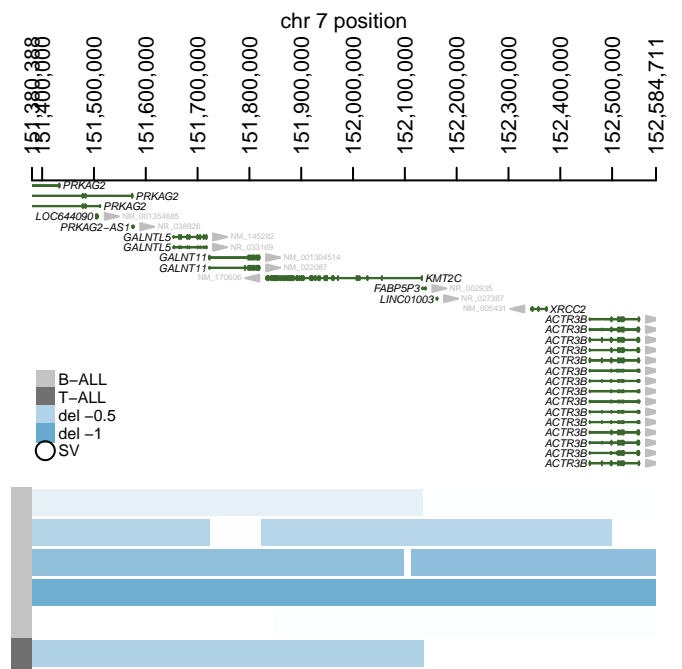
### KIAA1958 focal deletions



### KDM6A focal deletions

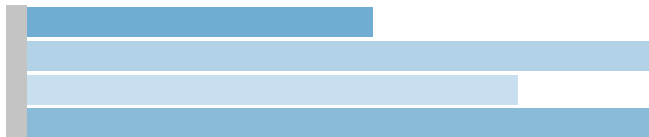
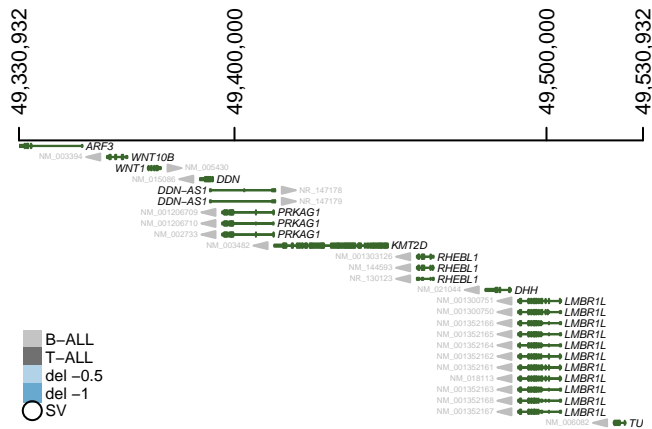


### KMT2C focal deletions



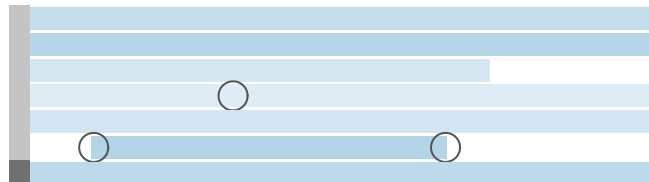
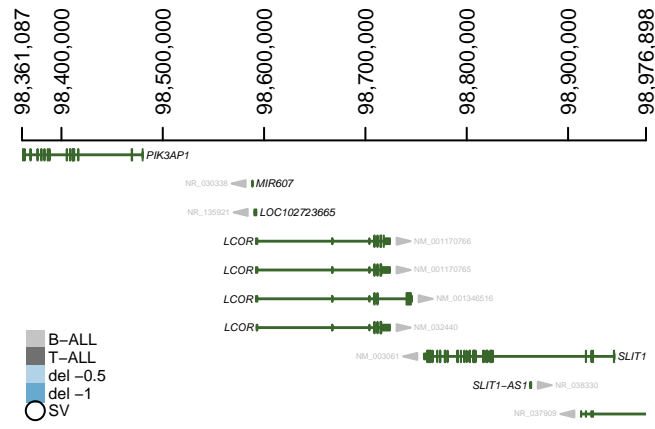
### KMT2D focal deletions

chr12 position



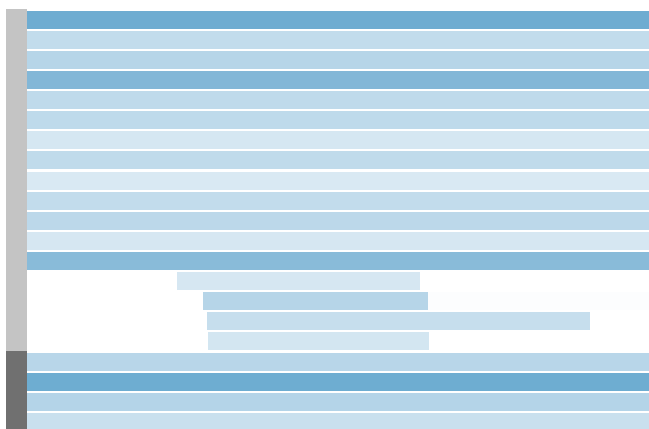
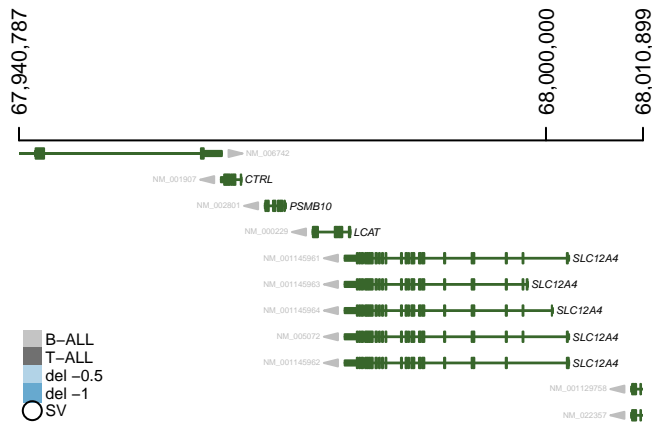
### LCOR focal deletions

chr10 position



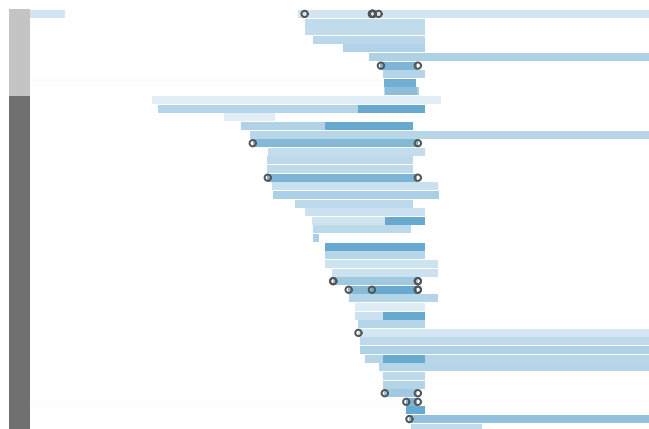
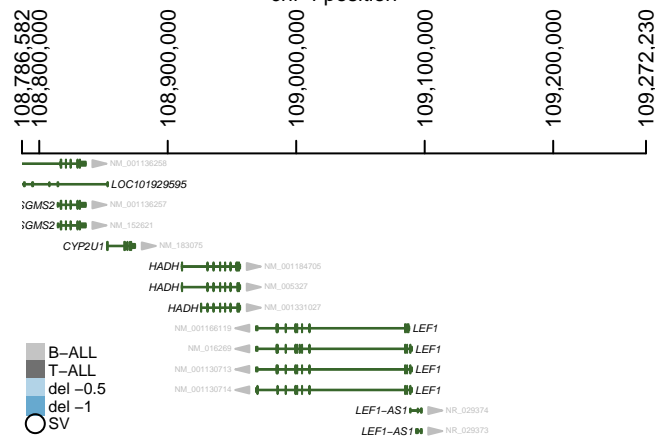
### LCAT focal deletions

chr16 position



### LEF1 focal deletions

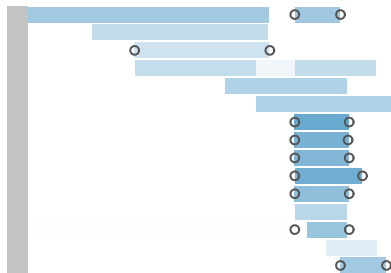
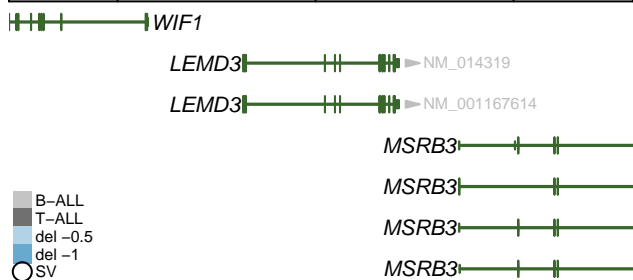
chr 4 position





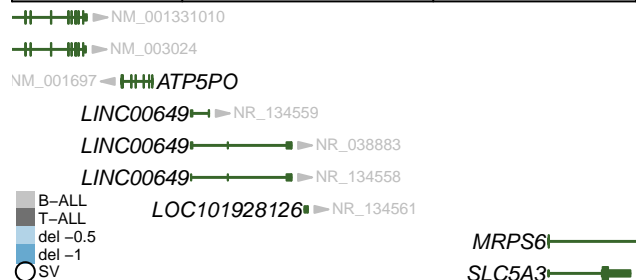
### LEMD3 focal deletions

chr12 position



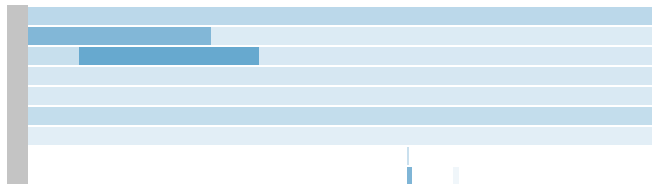
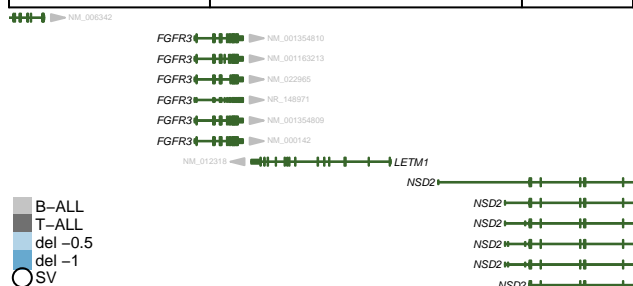
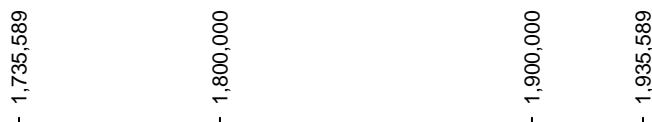
### LINC00649 focal deletions

chr21 position



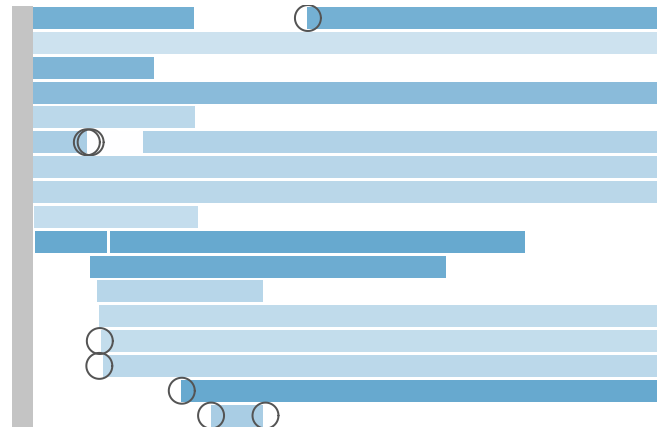
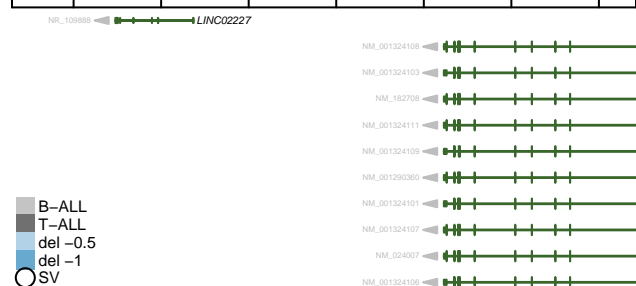
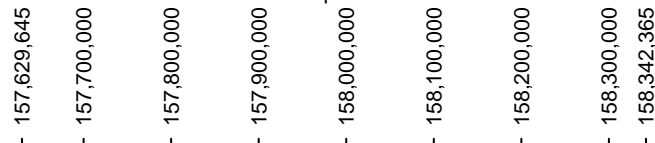
### LETM1 focal deletions

chr 4 position



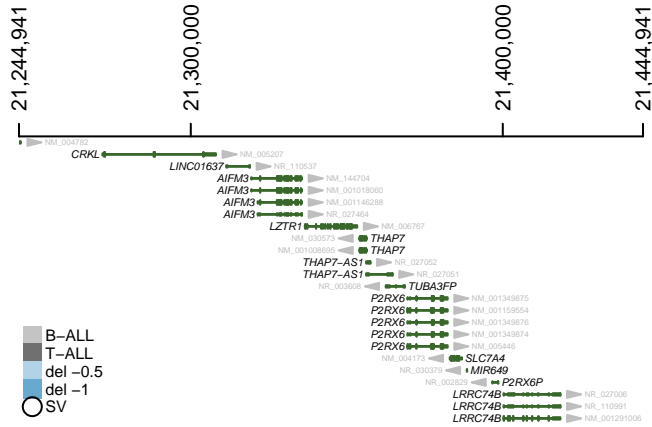
### LINC02227 focal deletions

chr 5 position



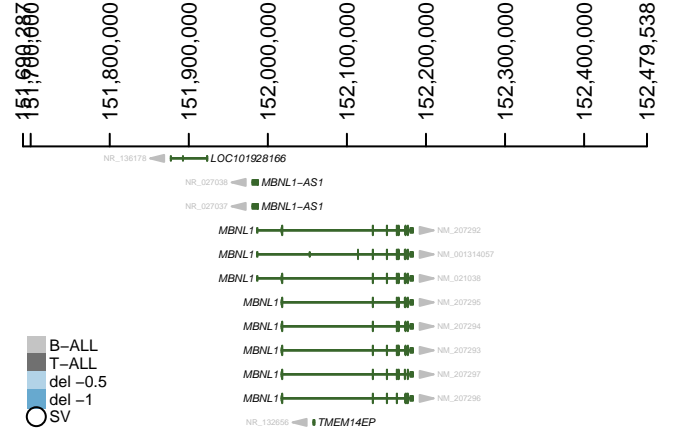
### LZTR1 focal deletions

chr22 position



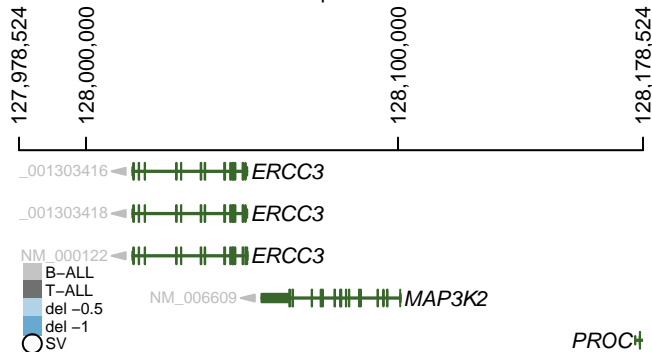
### MBNL1 focal deletions

chr 3 position



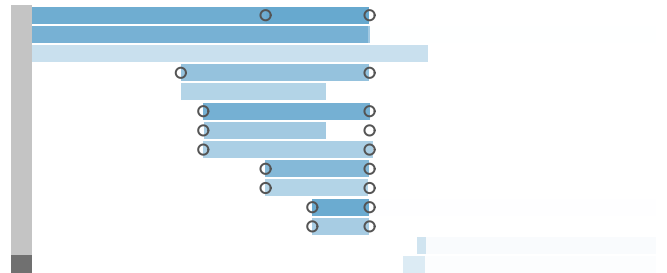
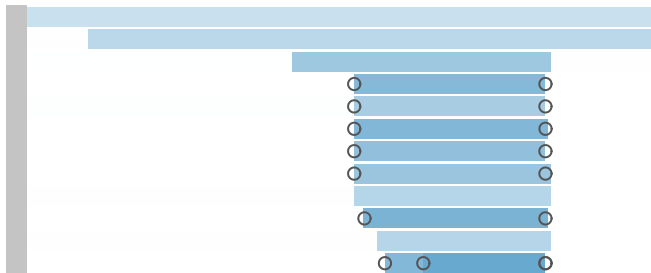
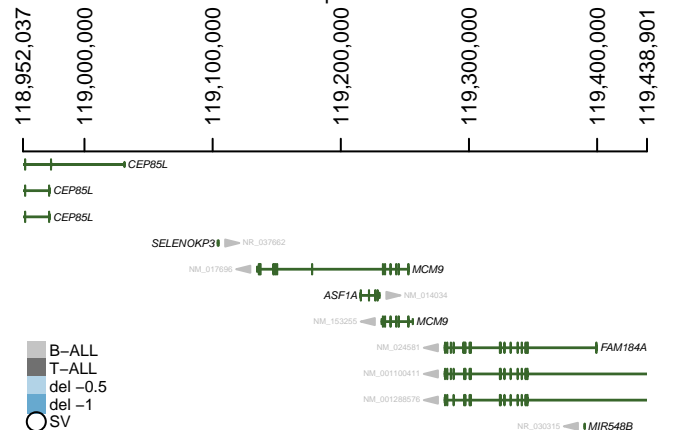
### MAP3K2 focal deletions

chr 2 position

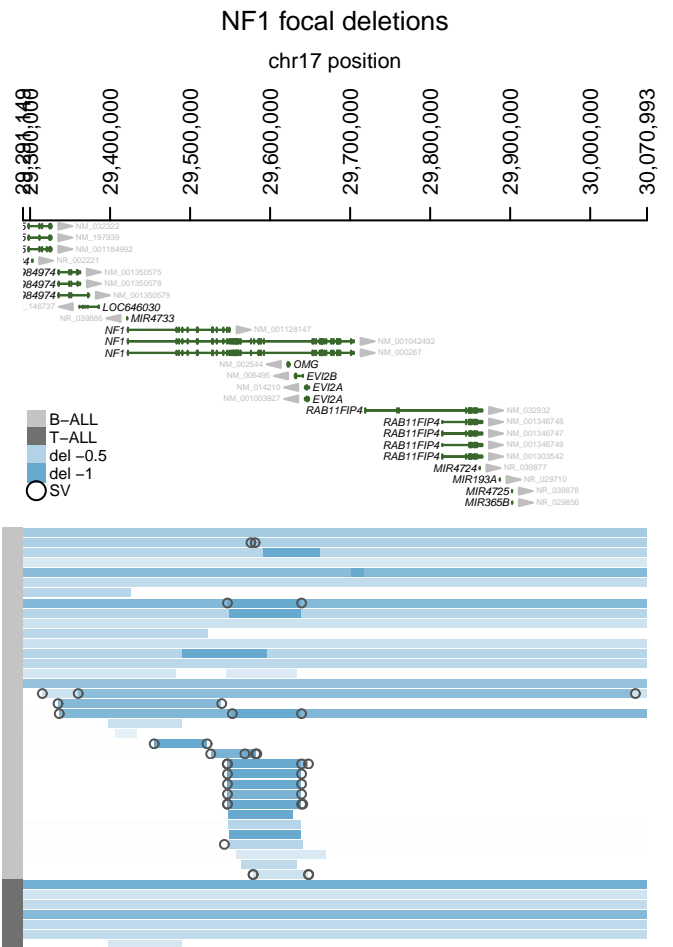
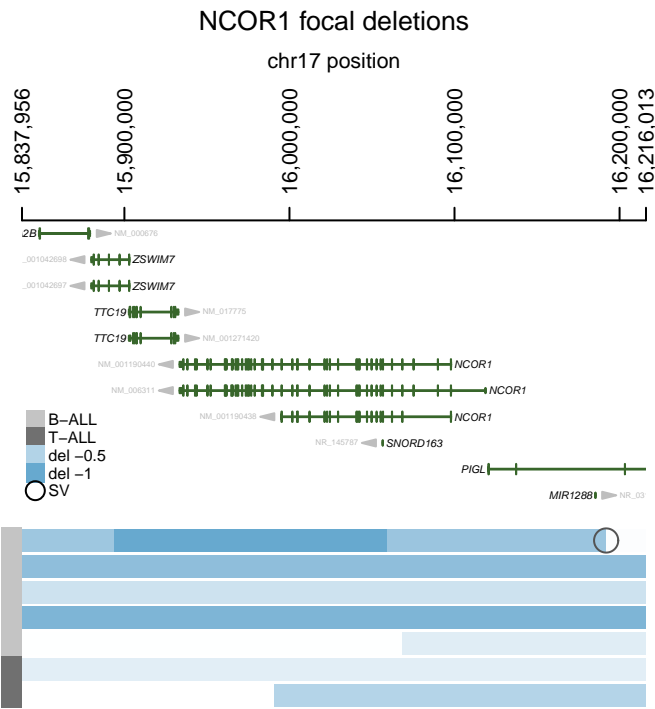
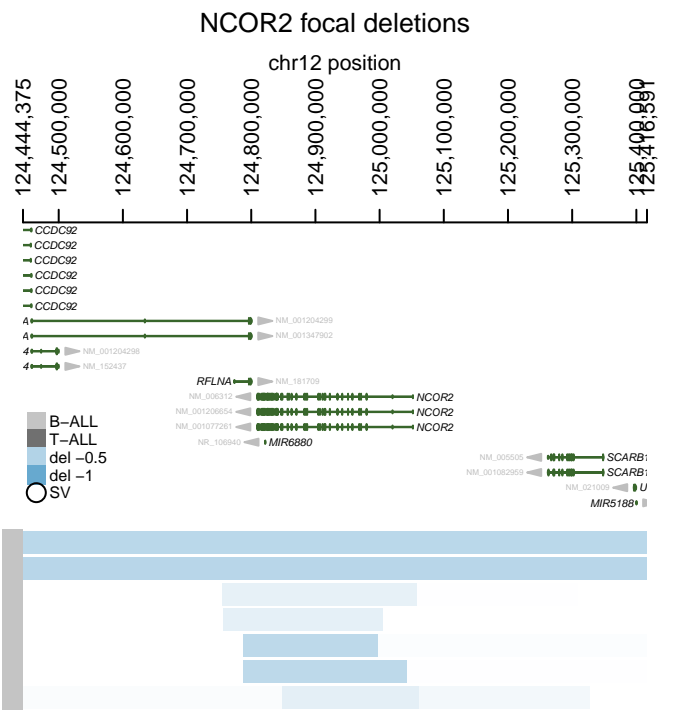
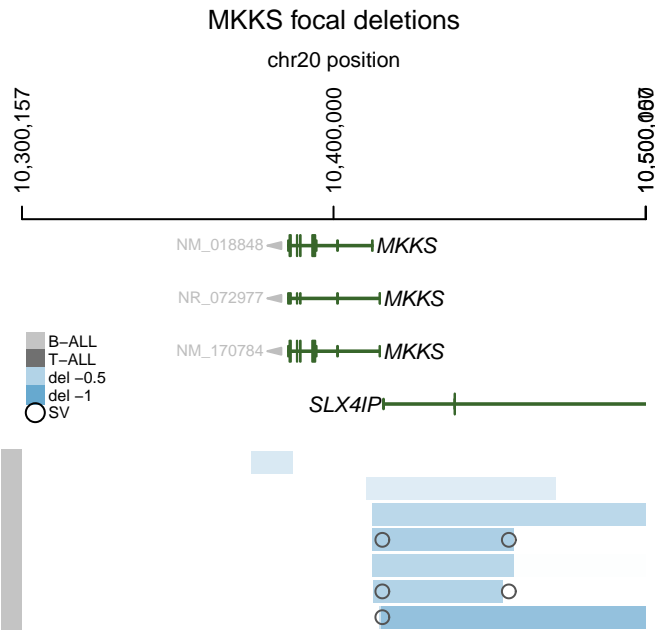


### MCM9 focal deletions

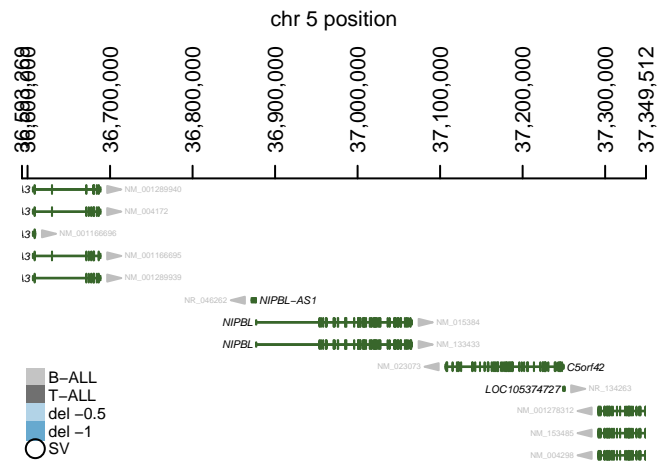
chr 6 position



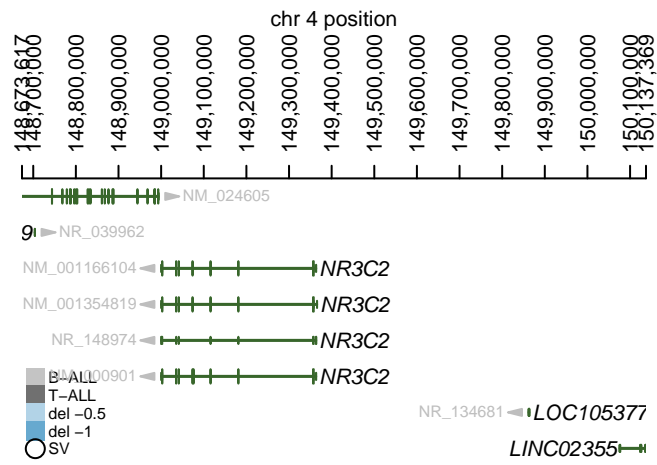




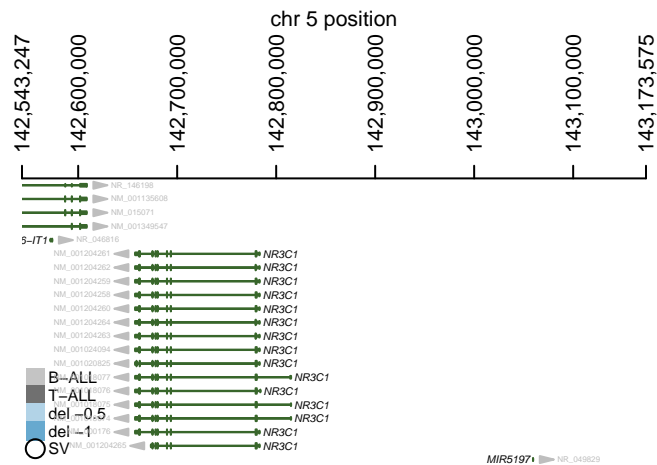
### NIPBL focal deletions



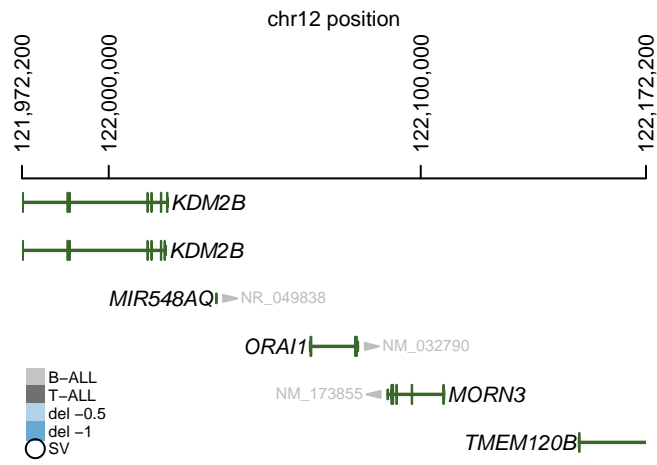
### NR3C2 focal deletions



### NR3C1 focal deletions

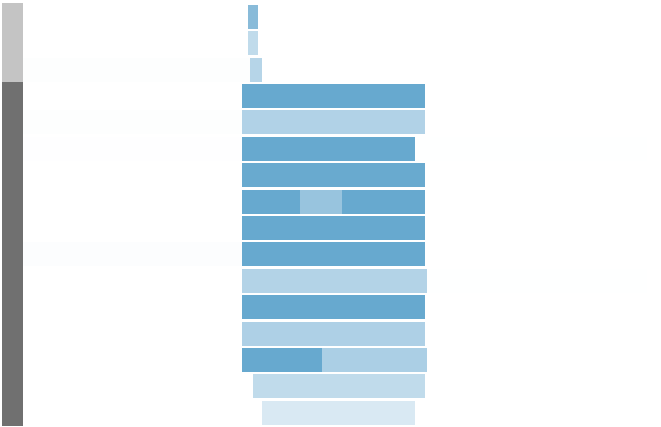
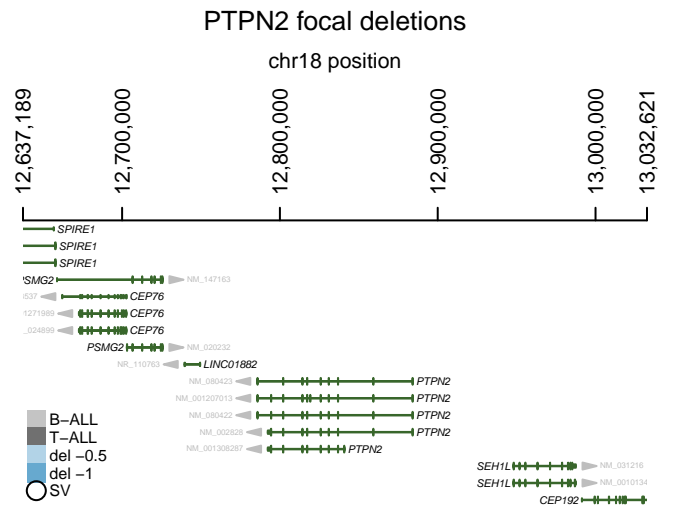
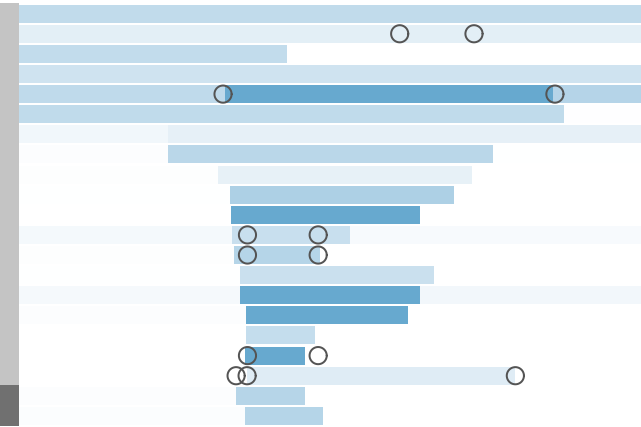
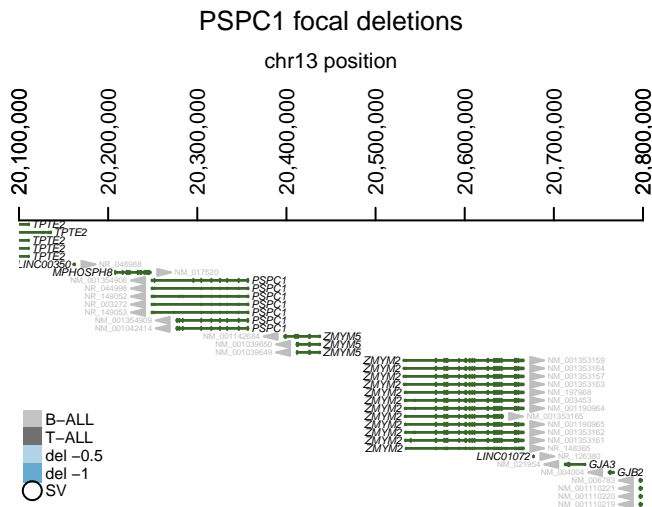
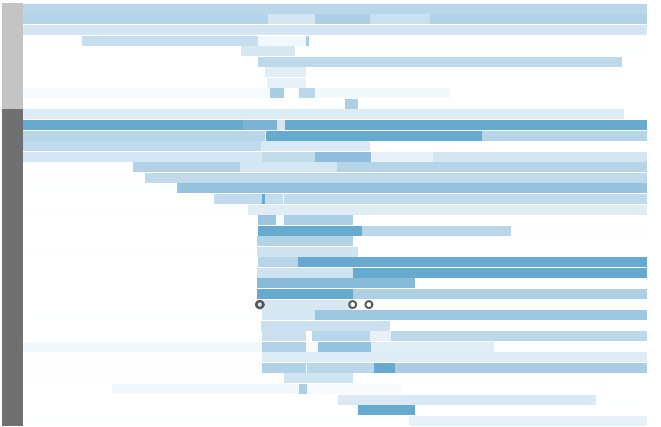
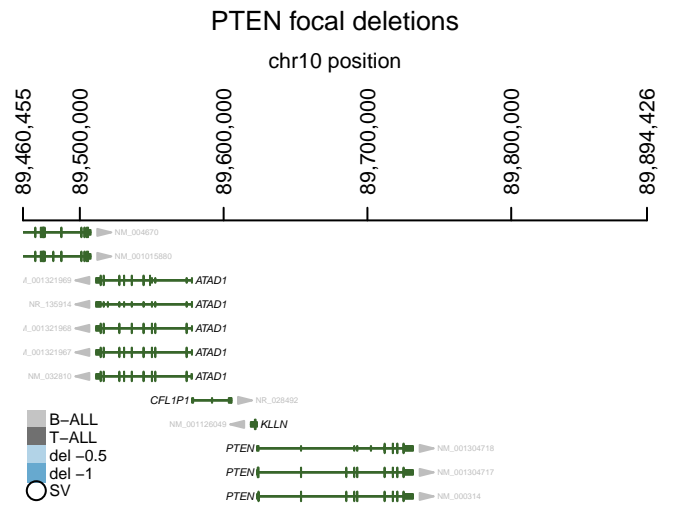
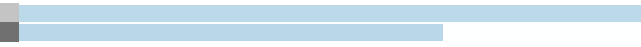
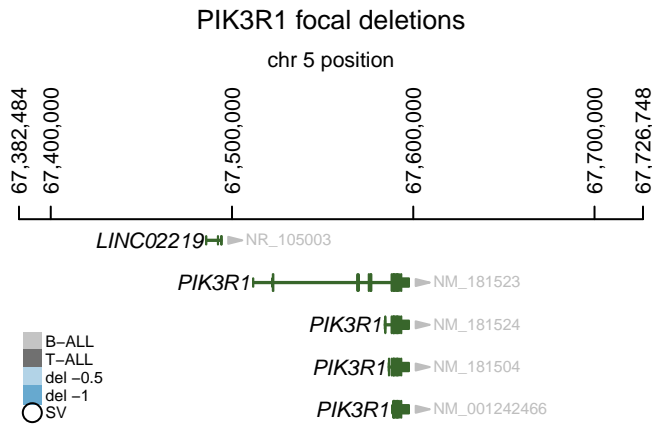


### ORAI1 focal deletions









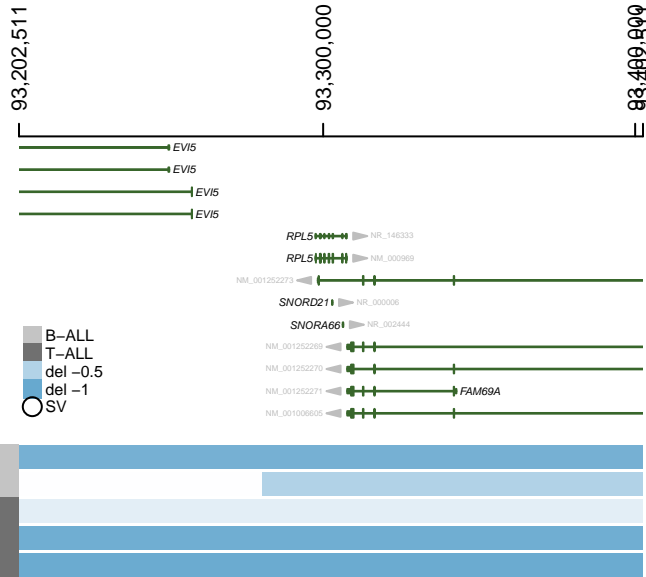






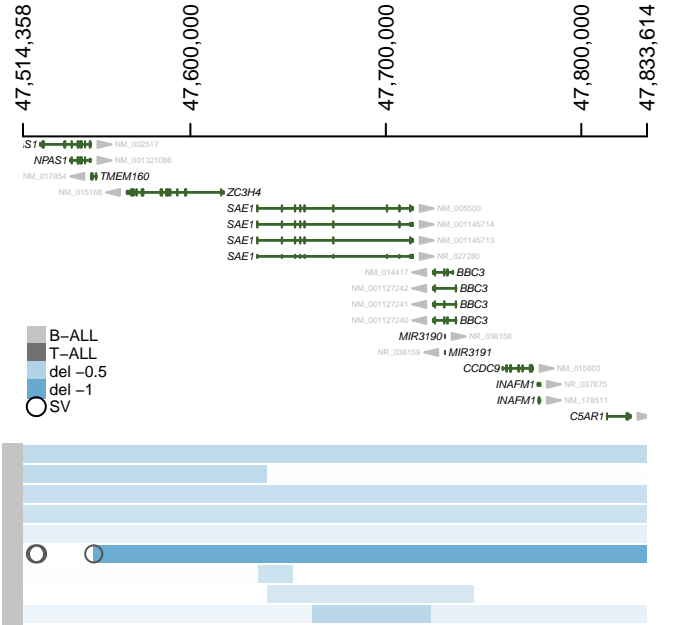
### RPL5 focal deletions

chr 1 position



### SAE1 focal deletions

chr19 position



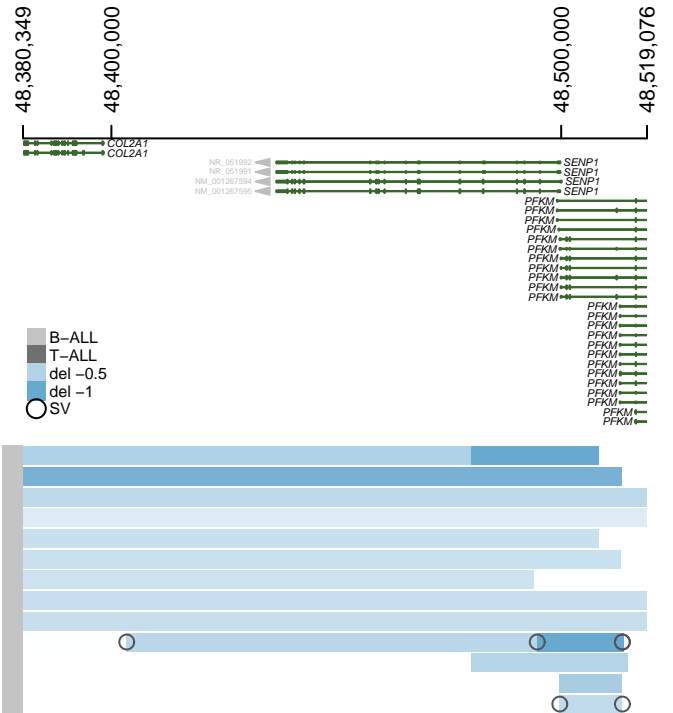
### RUNX1 focal deletions

chr21 position



### SEN1 focal deletions

chr12 position



### SERP2 focal deletions

chr13 position



B-ALL  
T-ALL  
del -0.5  
del -1  
SV

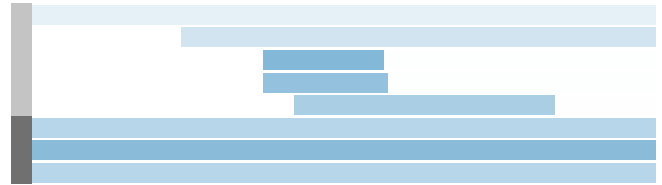


### SETD1B focal deletions

chr12 position



B-ALL  
T-ALL  
del -0.5  
del -1  
SV

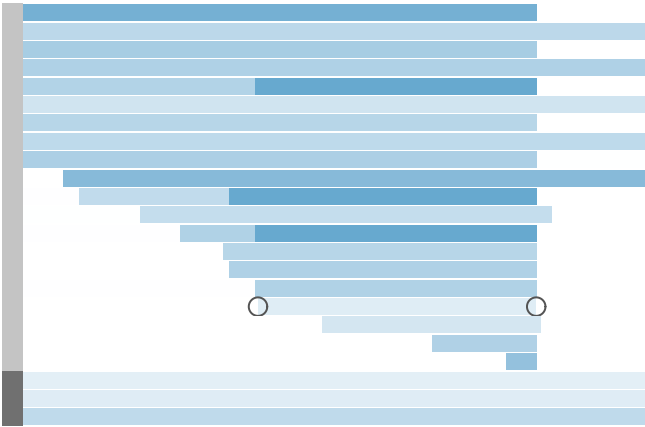


### SESN1 focal deletions

chr 6 position

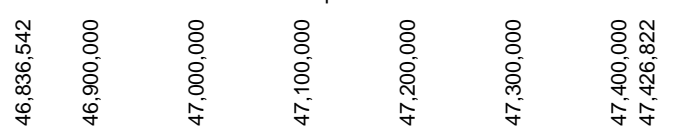


B-ALL  
T-ALL  
del -0.5  
del -1  
SV

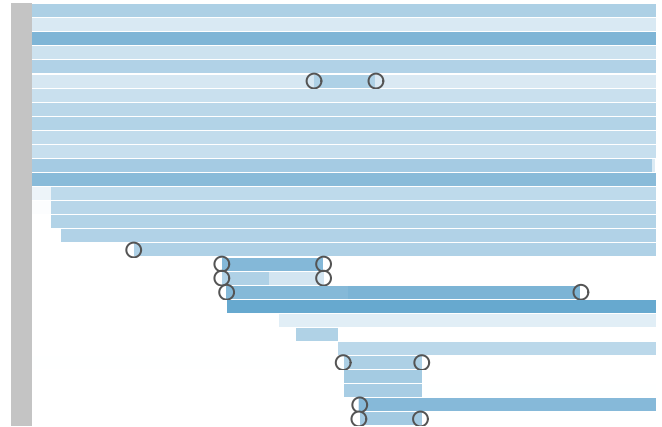


### SETD2 focal deletions

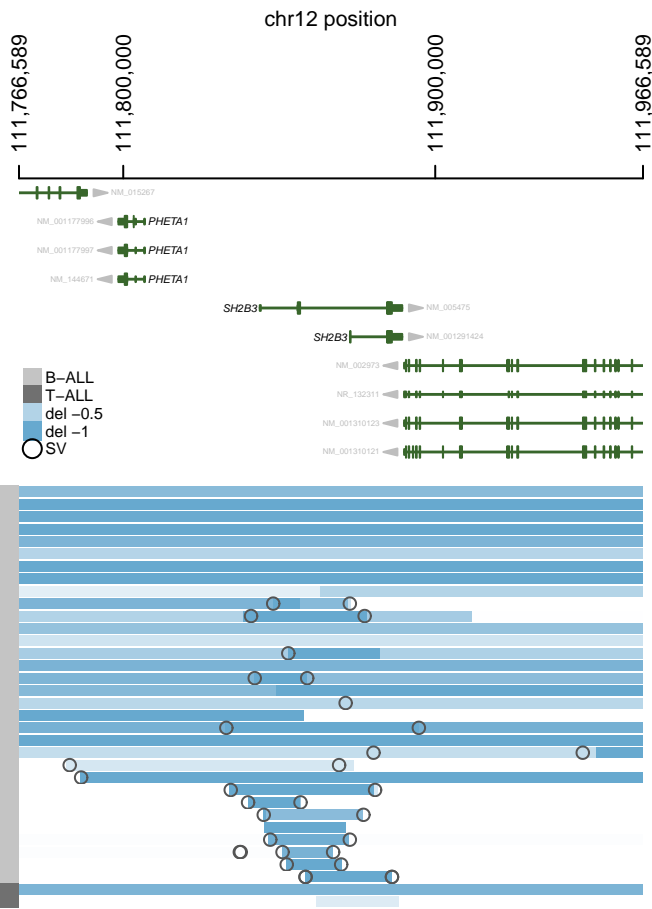
chr 3 position



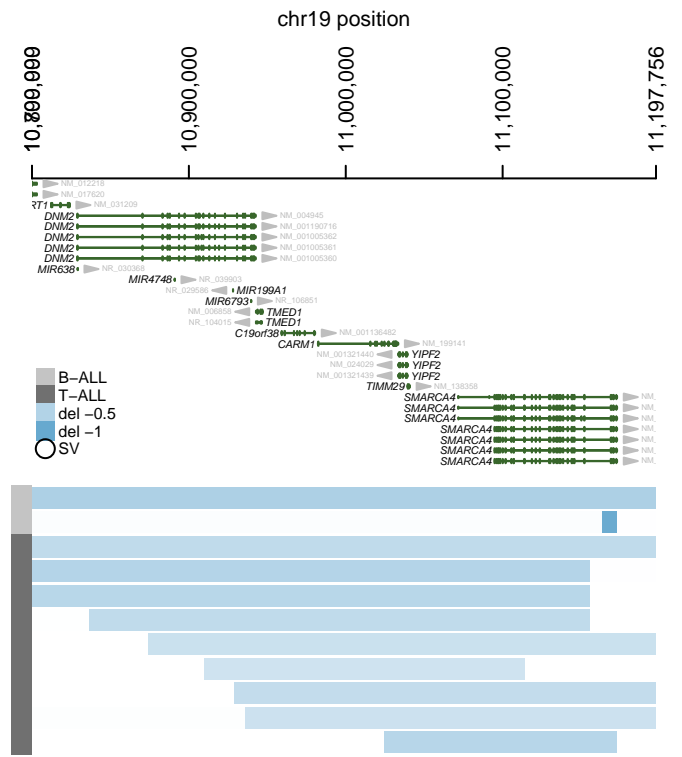
B-ALL  
T-ALL  
del -0.5  
del -1  
SV



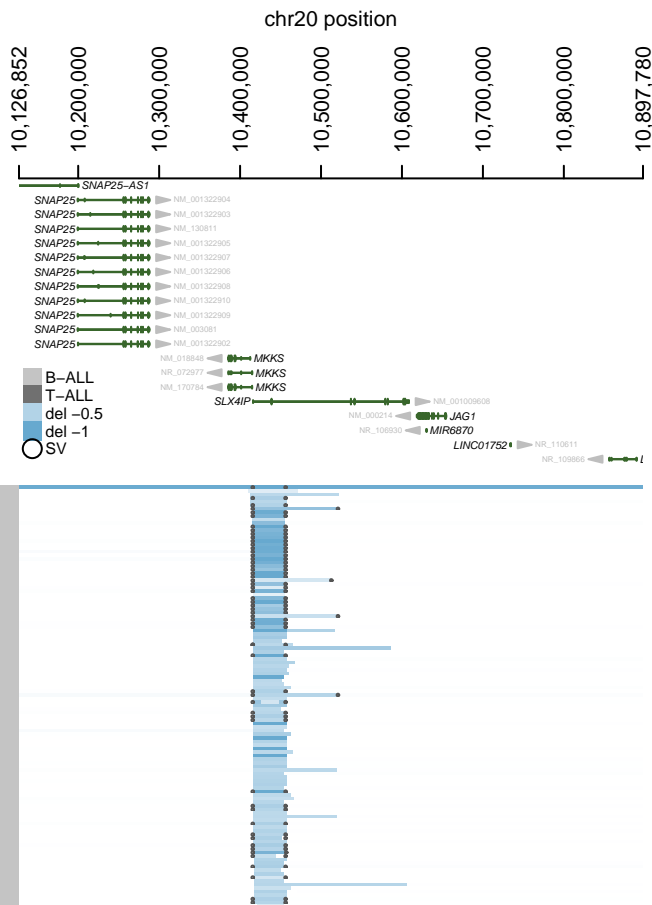
### SH2B3 focal deletions



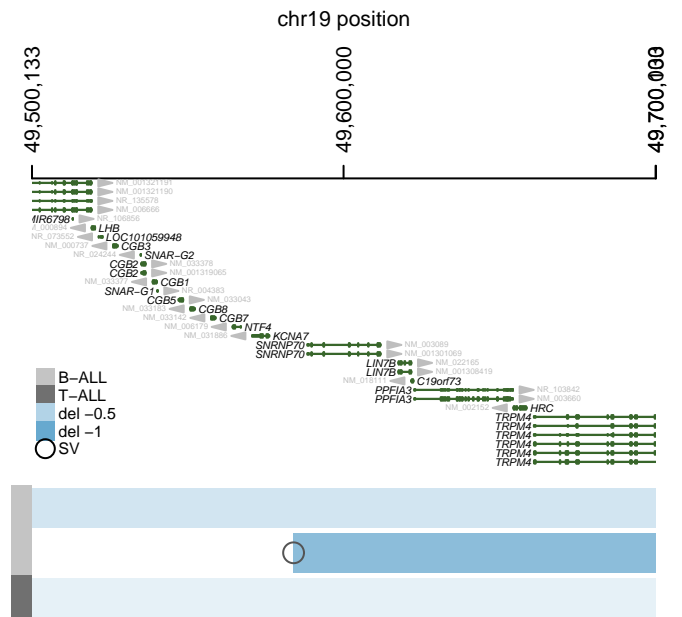
### SMARCA4 focal deletions



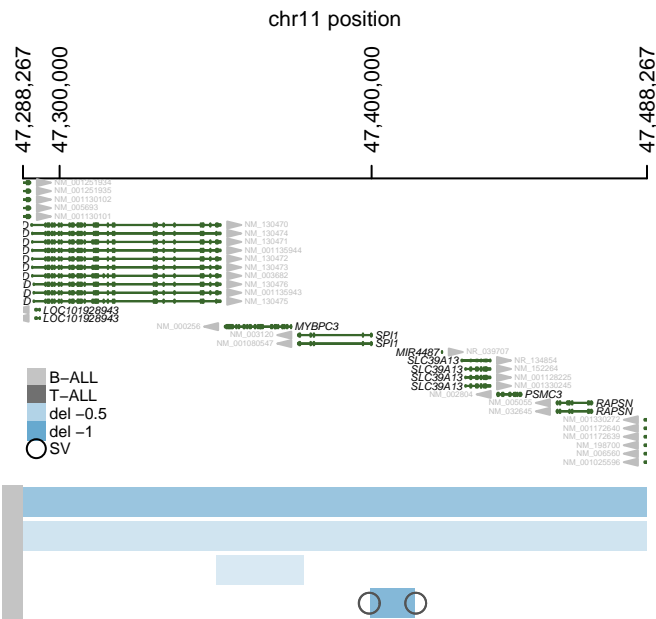
### SLX4IP focal deletions



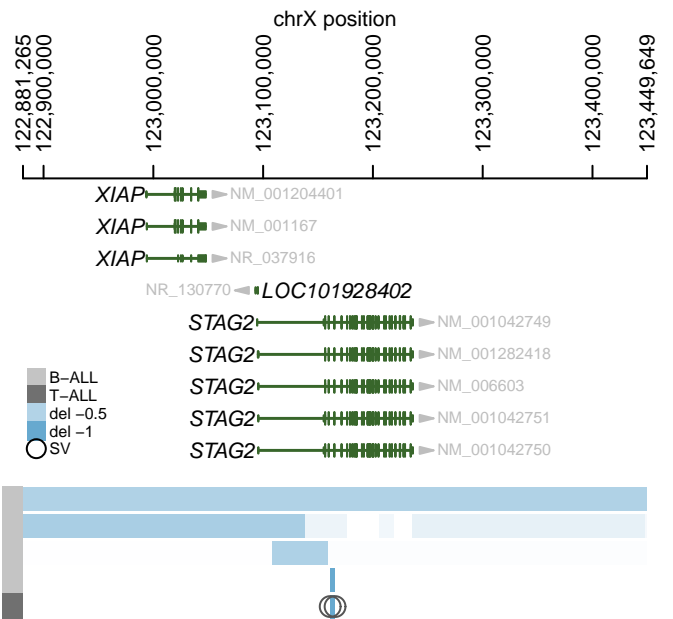
### SNRNP70 focal deletions



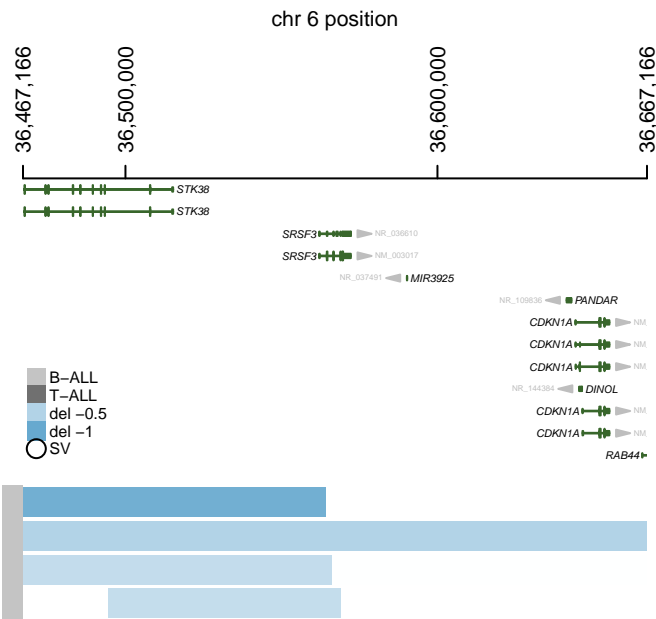
### SPI1 focal deletions



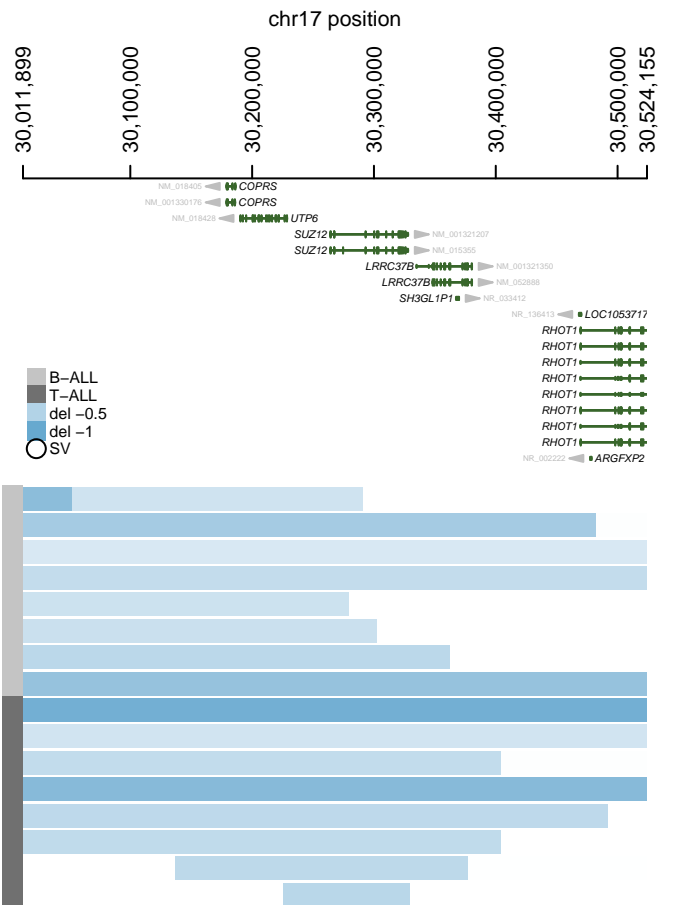
### STAG2 focal deletions



### SRSF3 focal deletions



### SUZ12 focal deletions





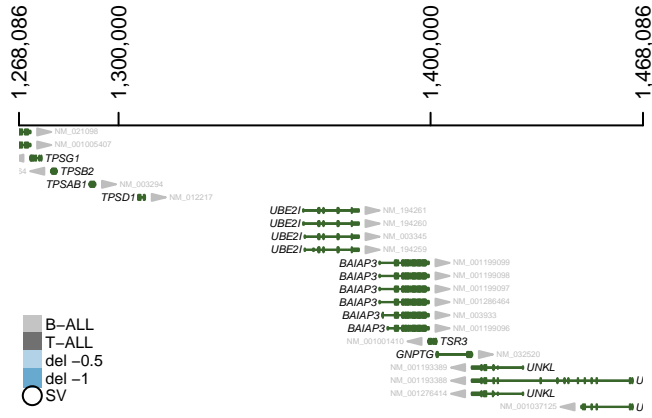






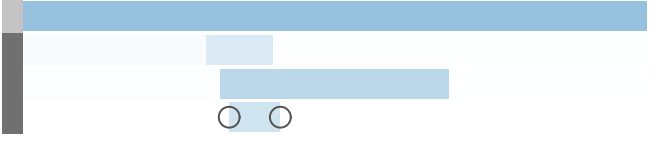
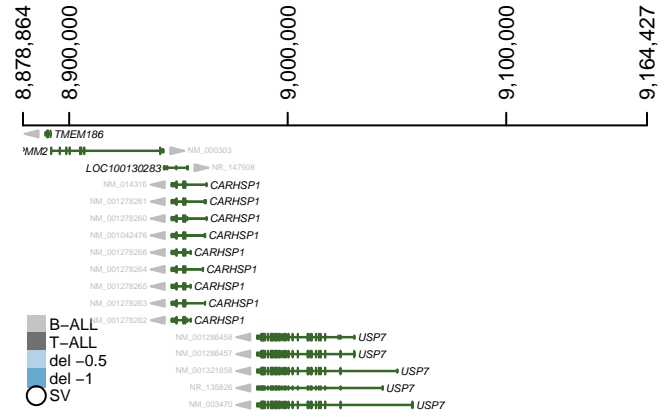
### UBE2I focal deletions

chr16 position



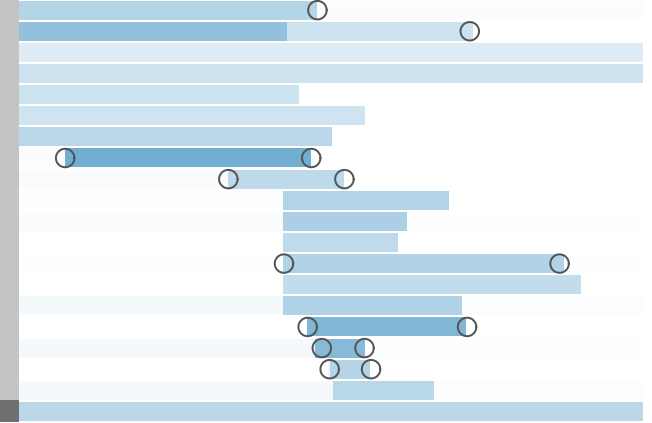
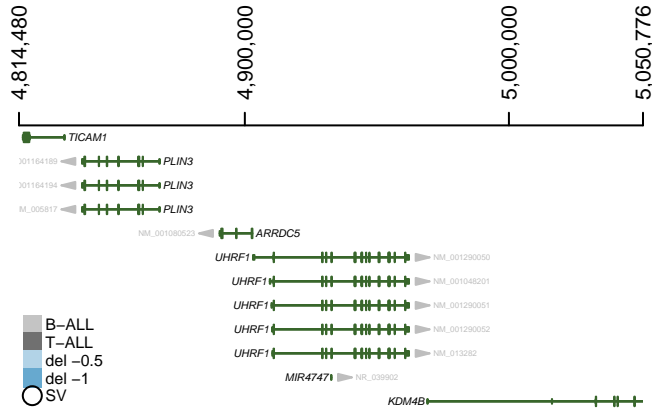
### USP7 focal deletions

chr16 position



### UHRF1 focal deletions

chr19 position



### USP9X focal deletions

chrX position

