

cell number

600  
400  
200  
0

information\_component

- qualityCtrl
- zeroRatio
- effective\_sgRNA
- capture\_phenotype
- true\_information

knockout

TUBB  
DHODH  
ETS1  
GATA3  
RUNX1  
LCK  
MVD  
RELA  
NFATC3  
RELB  
NFAT5  
EGR3  
LAT  
NFKB2  
NFATC2  
EGR2  
ZAP70  
PTPN11  
JUND  
RUNX2  
EGR4  
PTPN6  
JUNB  
REL  
JUN  
NFKB1  
EGR1  
NR4A1  
DOK2  
BACH2  
NFATC1  
FOS  
CTRL