

MAGeCK Comparison Report

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1 Summary

The statistics of comparisons is as indicated in the following table.

	Comparison	Genes	Selection	FDR1%	FDR5%	FDR25%
1	sc3_gata3_pos_vs_sc3_gata3_neg neg.	18385	negative	1	1	2
2	sc3_gata3_pos_vs_sc3_gata3_neg pos.	18385	positive	0	0	0

Table 1: Summary of comparisons

The meanings of the columns are as follows.

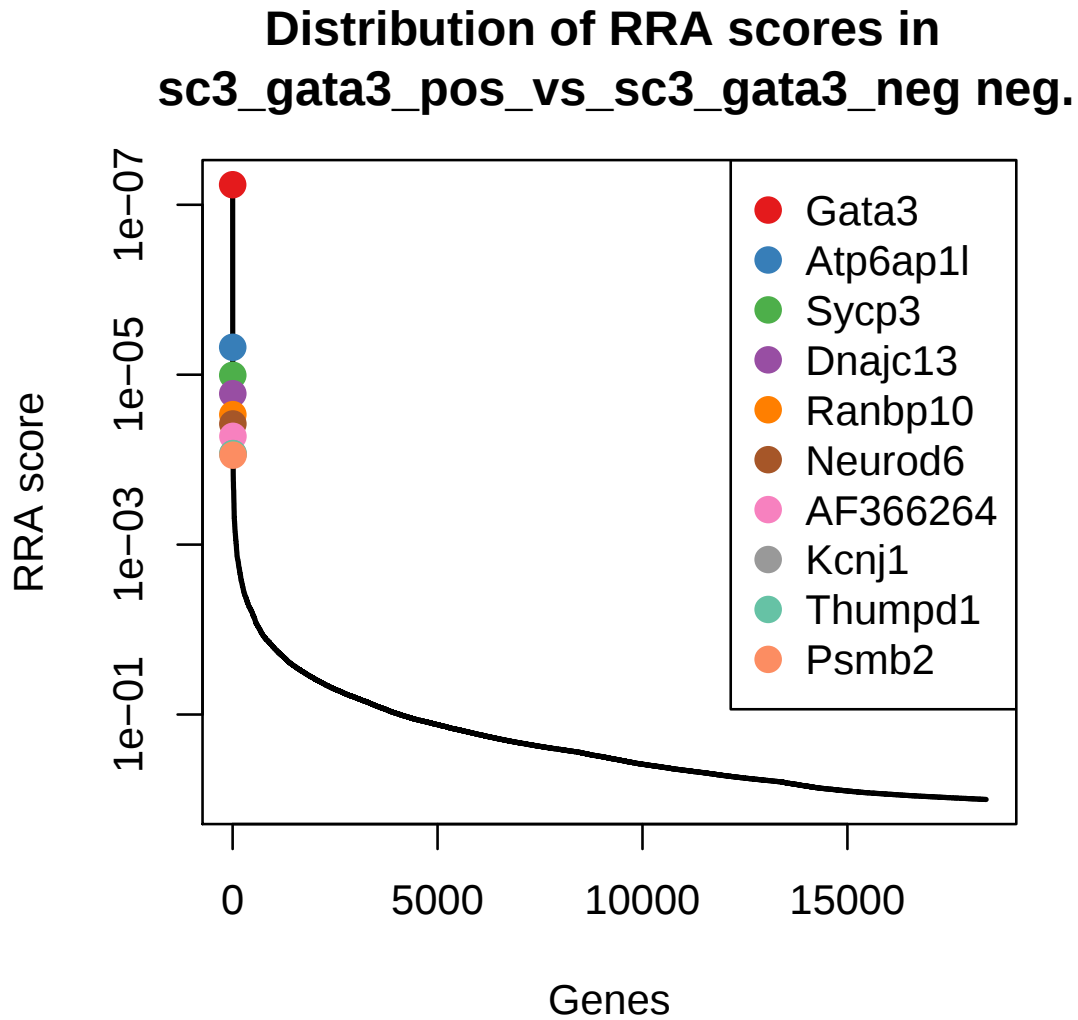
- **Comparison:** The label for comparisons;
- **Genes:** The number of genes in the library;
- **Selection:** The direction of selection, either positive selection or negative selection;
- **FDR1%:** The number of genes with $\text{FDR} < 1\%$;
- **FDR5%:** The number of genes with $\text{FDR} < 5\%$;
- **FDR25%:** The number of genes with $\text{FDR} < 25\%$;

The following figures show:

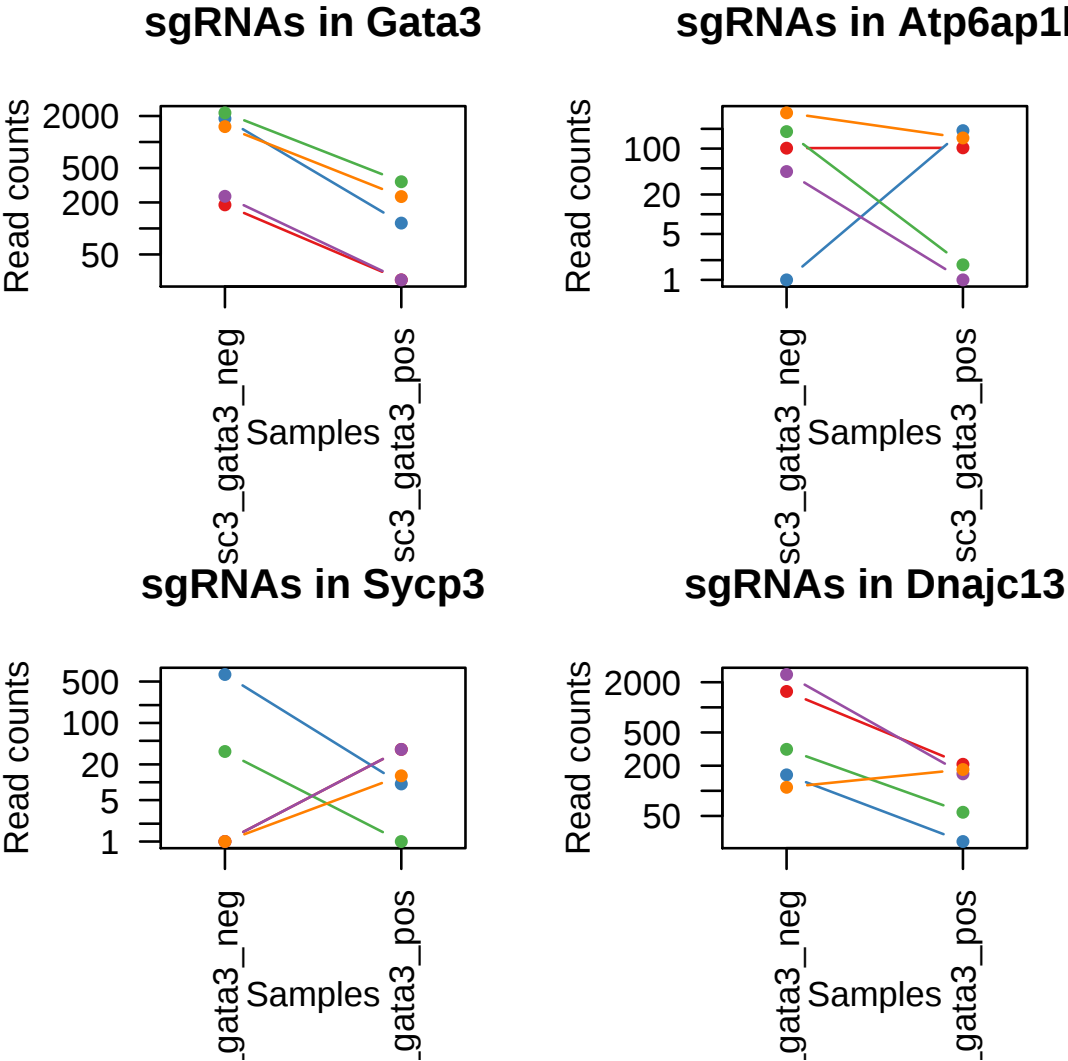
- Individual sgRNA read counts of selected genes in selected samples;
- The distribution of RRA scores and p values of all genes; and
- The RRA scores and p values of selected genes.

2 Comparison results of sc3 gata3 pos vs sc3 gata3 neg neg.

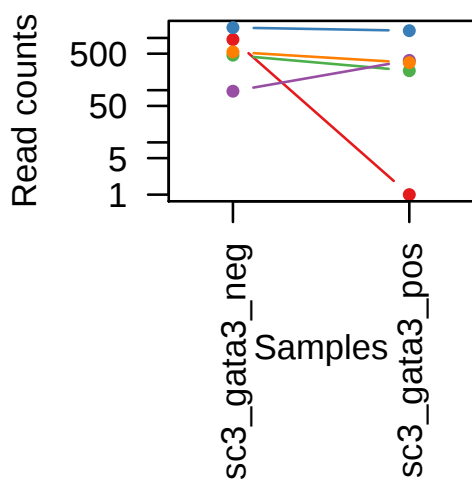
The following figure shows the distribution of RRA score in the comparison sc3 gata3 pos vs sc3 gata3 neg neg., and the RRA scores of 10 genes.



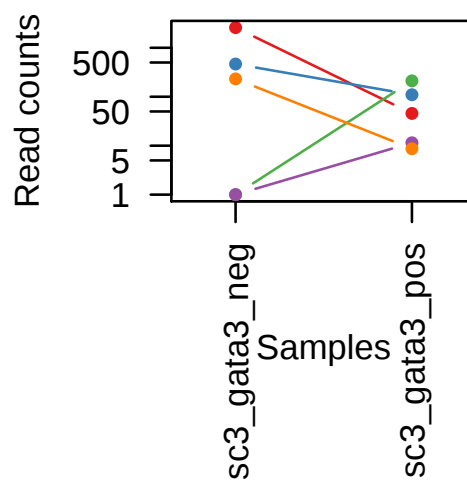
The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.



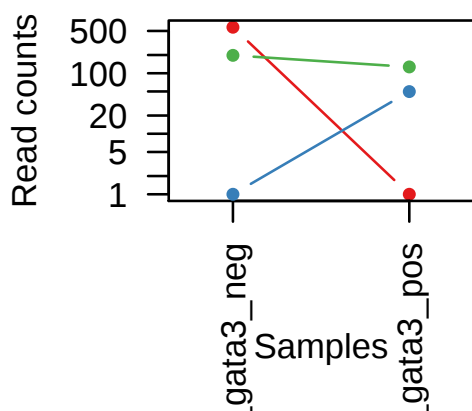
sgRNAs in Ranbp10



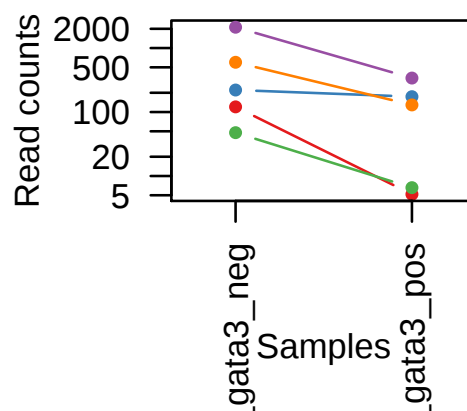
sgRNAs in Neurod6



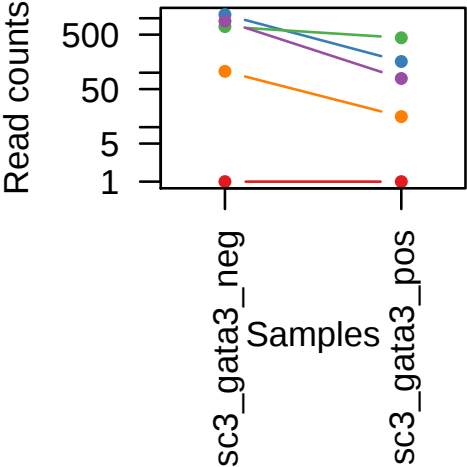
sgRNAs in AF366264



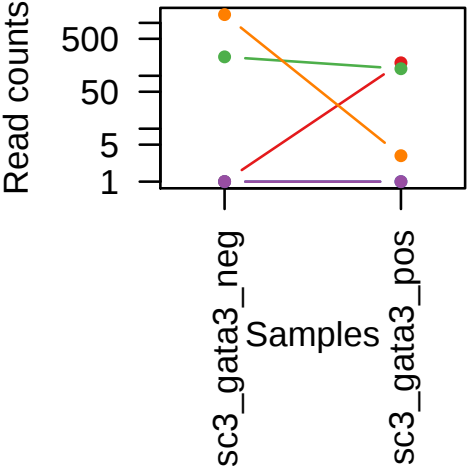
sgRNAs in Kcnj1



sgRNAs in Thumpd1

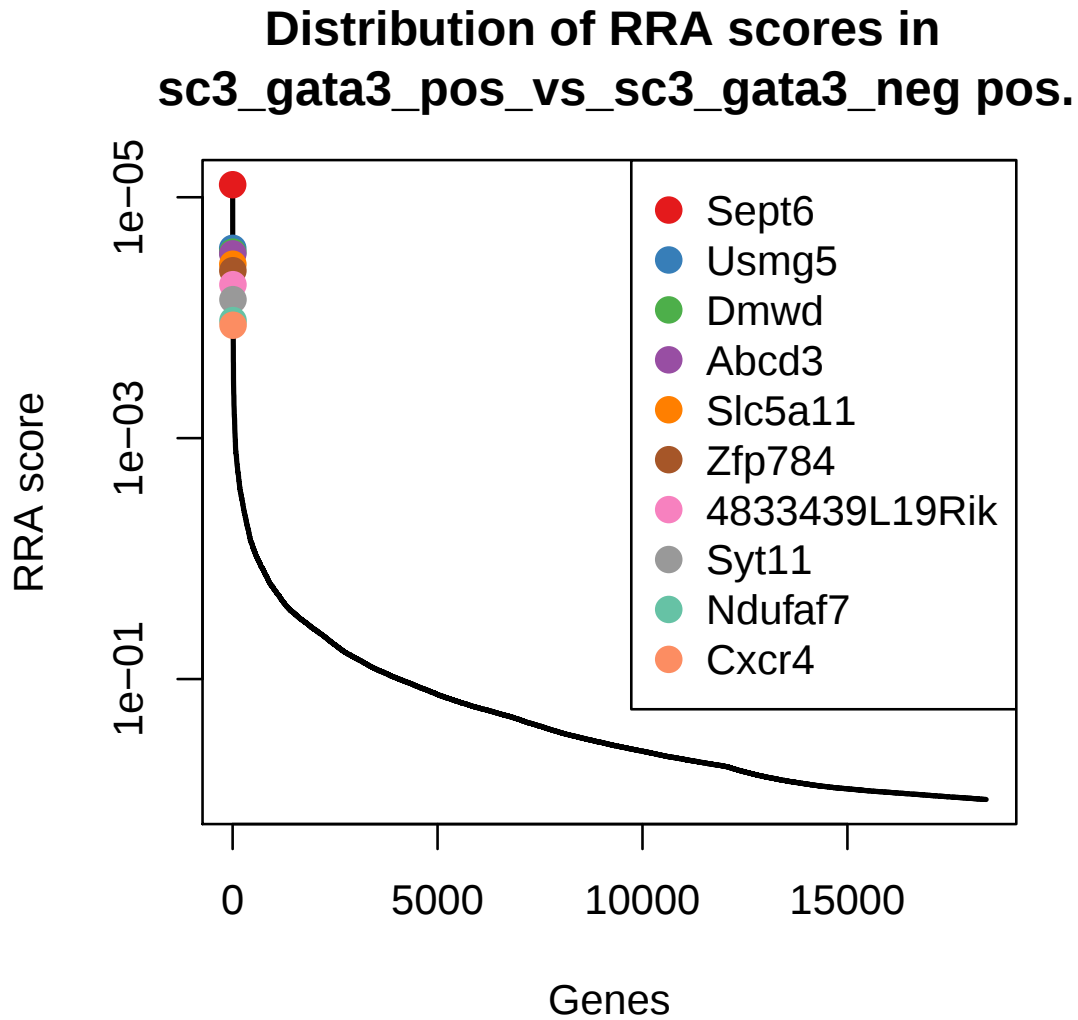


sgRNAs in Psmb2

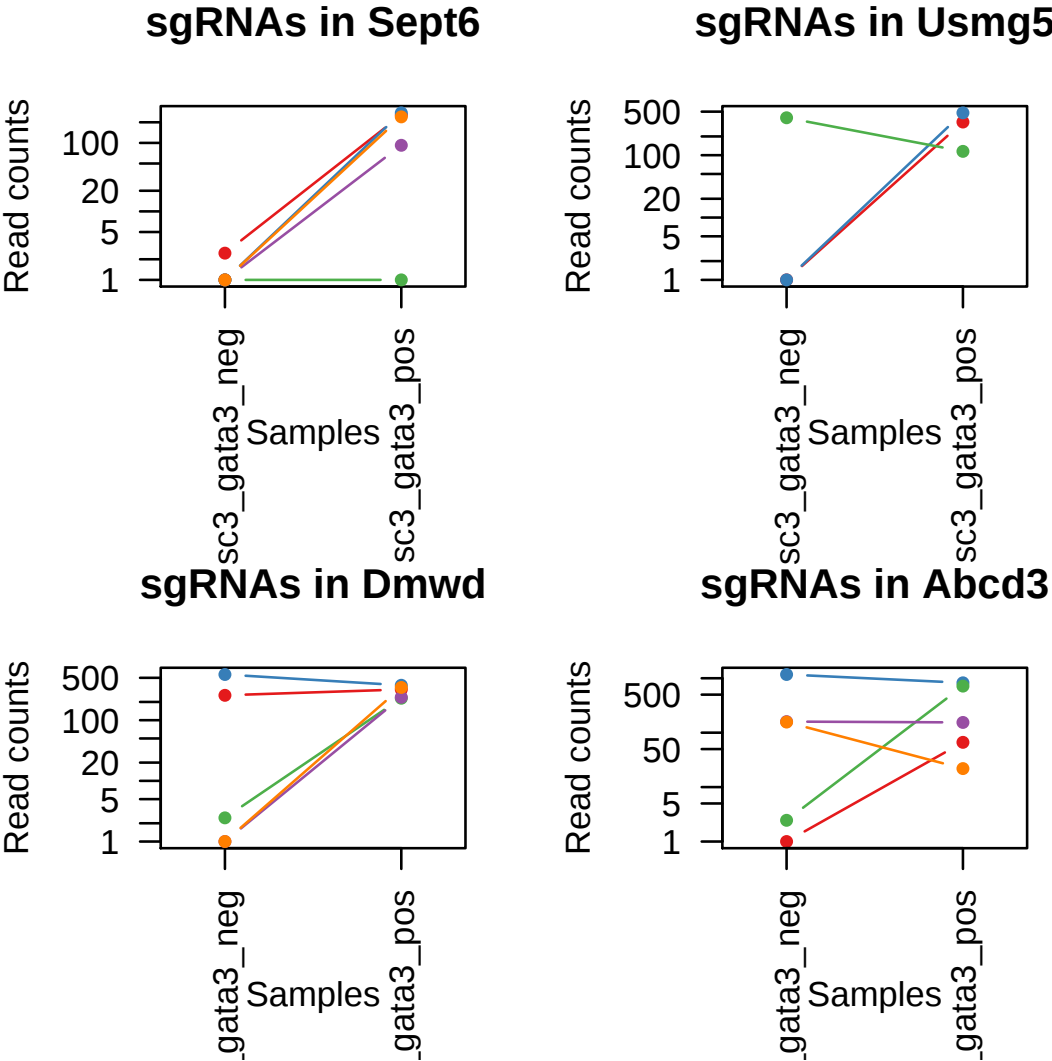


3 Comparison results of sc3 gata3 pos vs sc3 gata3 neg pos.

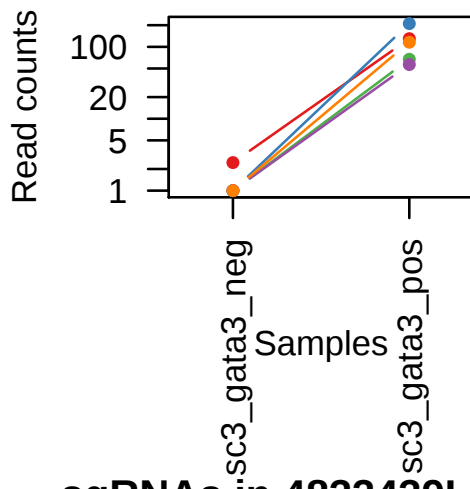
The following figure shows the distribution of RRA score in the comparison sc3 gata3 pos vs sc3 gata3 neg pos., and the RRA scores of 10 genes.



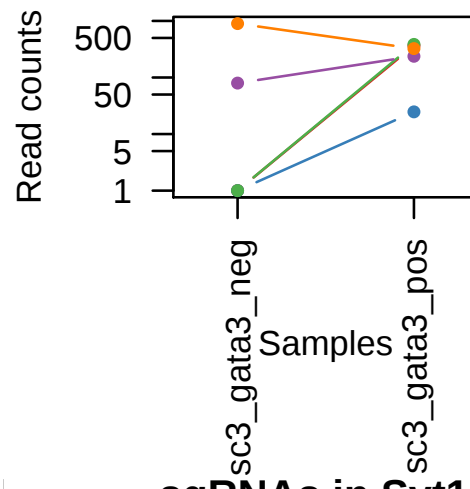
The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.



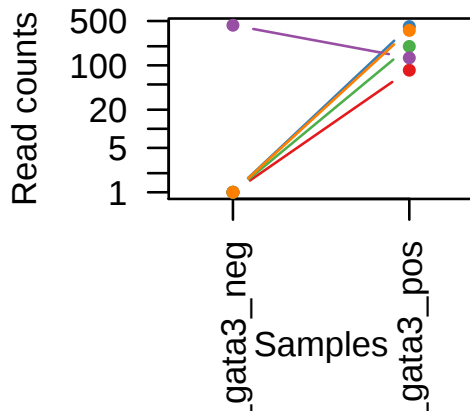
sgRNAs in Slc5a11



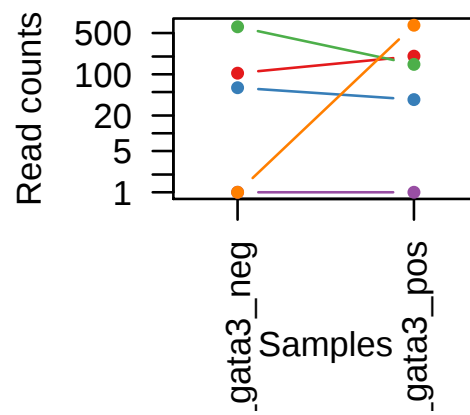
sgRNAs in Zfp784



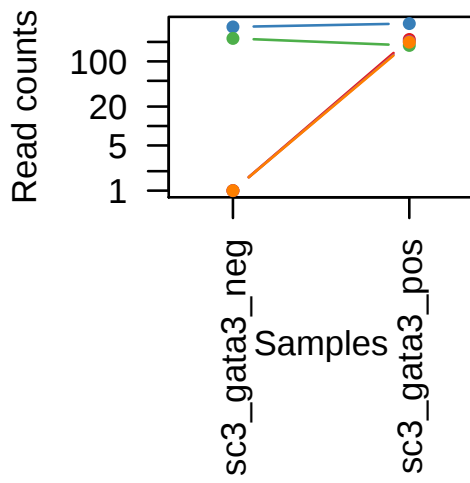
sgRNAs in 4833439L19Ri



sgRNAs in Syt11



sgRNAs in Ndufaf7



sgRNAs in Cxcr4

