

MAGeCK Comparison Report

Wei Li

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1 Summary

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

	Comparison	Genes	Selection	FDR1%	FDR5%	FDR25%
1	sc2b_xbp1_pos_vs_sc2b_xbp1_neg neg.	18382	negative	0	0	2
2	sc2b_xbp1_pos_vs_sc2b_xbp1_neg pos.	18382	positive	0	0	1

Table 1: Summary of comparisons

The meanings of the columns are as follows.

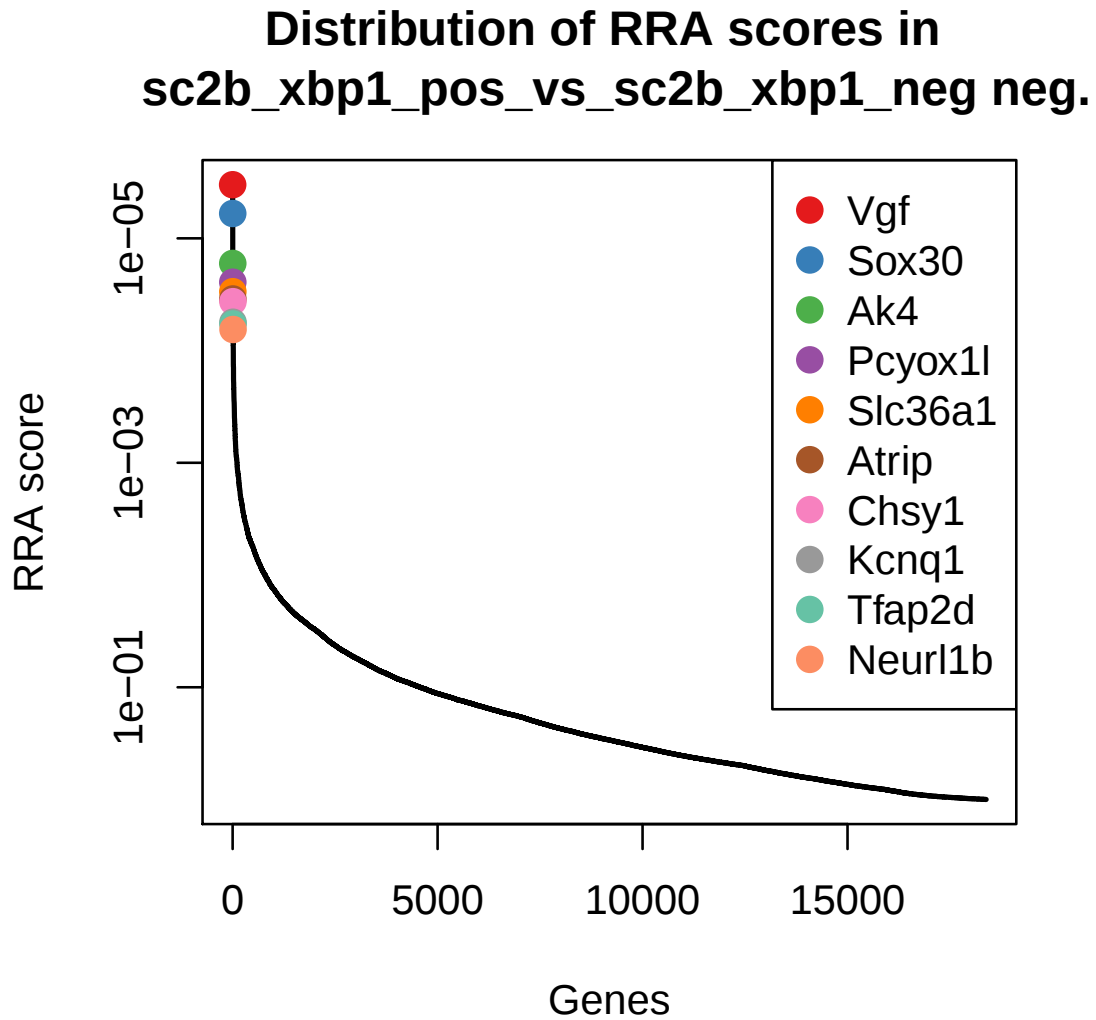
- **Comparison:** The label for comparisons;
- **Genes:** The number of genes in the library;
- **Selection:** The direction of selection, either positive selection or negative selection;
- **FDR1%:** The number of genes with $\text{FDR} < 1\%$;
- **FDR5%:** The number of genes with $\text{FDR} < 5\%$;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

The following figures show:

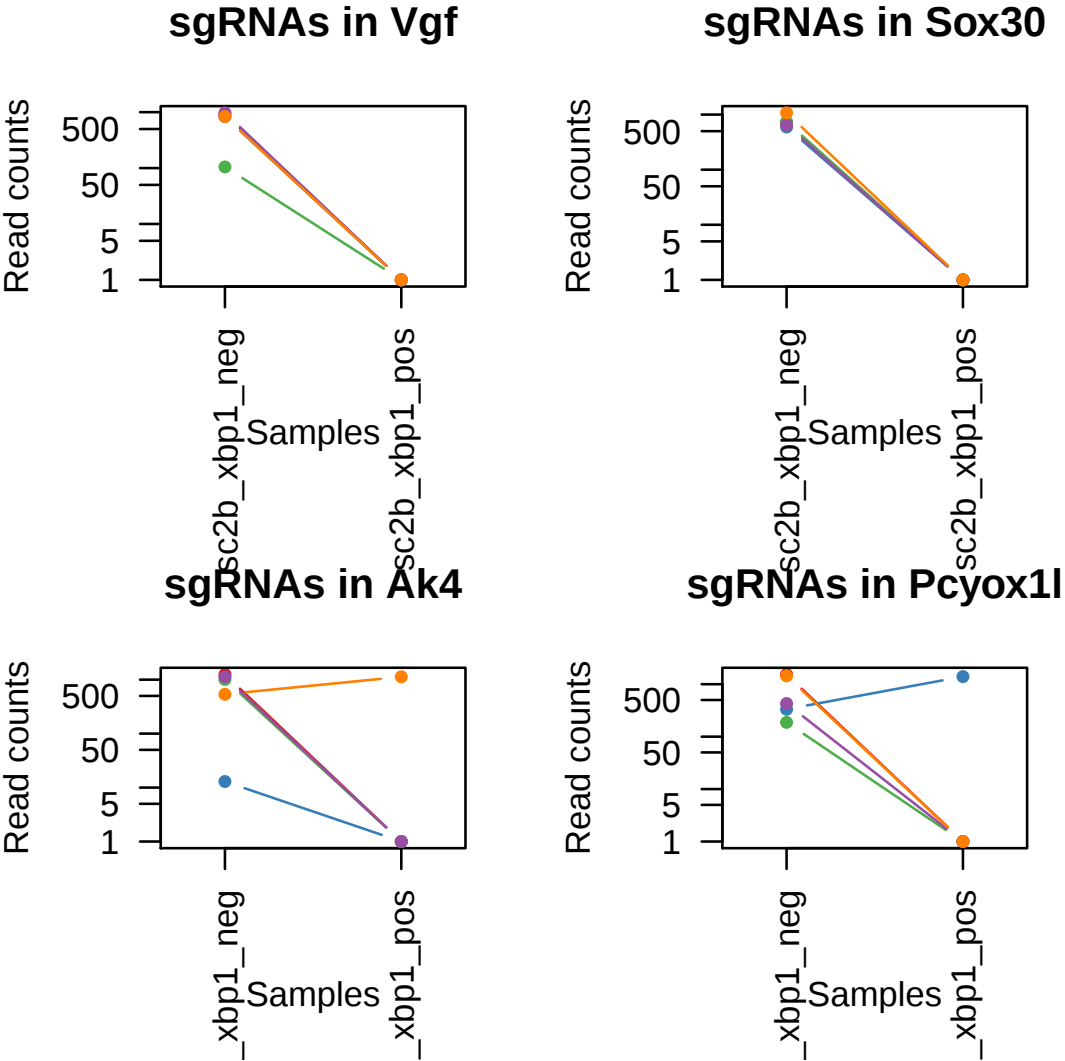
- Individual sgRNA read counts of selected genes in selected samples;
- The distribution of RRA scores and p values of all genes; and
- The RRA scores and p values of selected genes.

2 Comparison results of sc2b xbp1 pos vs sc2b xbp1 neg neg.

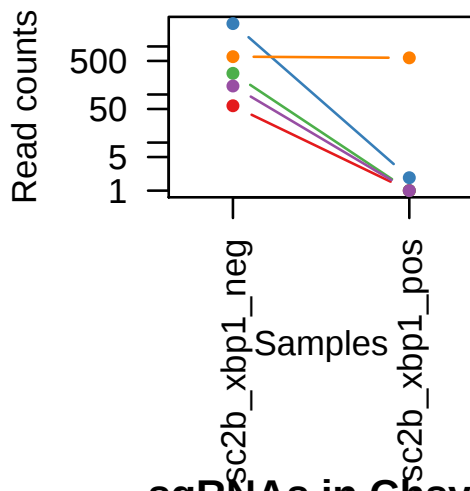
The following figure shows the distribution of RRA score in the comparison sc2b xbp1 pos vs sc2b xbp1 neg neg., and the RRA scores of 10 genes.



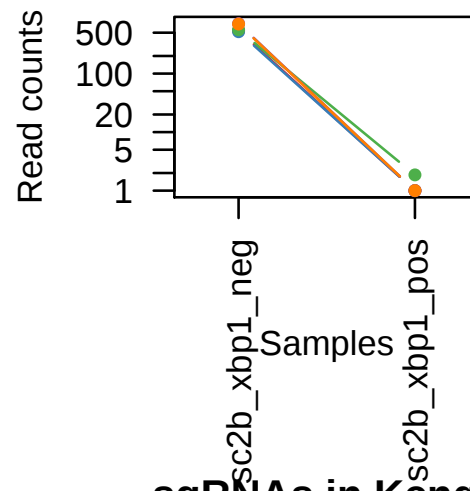
The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.



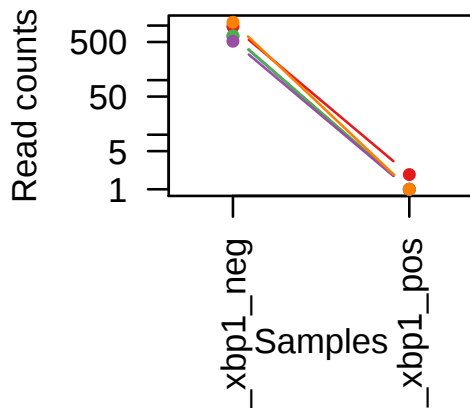
sgRNAs in Slc36a1



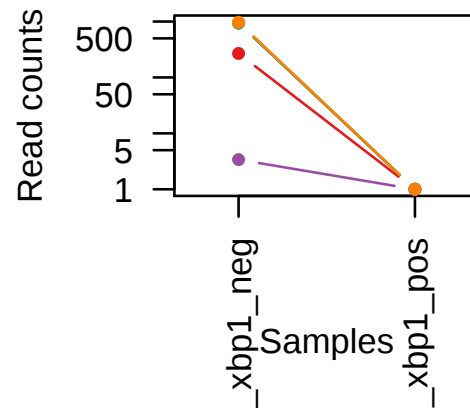
sgRNAs in Atrip



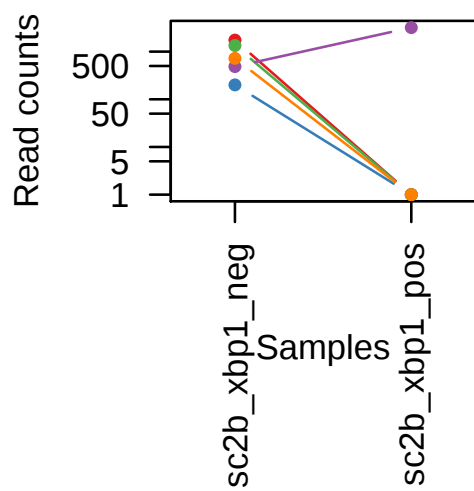
sgRNAs in Chsy1



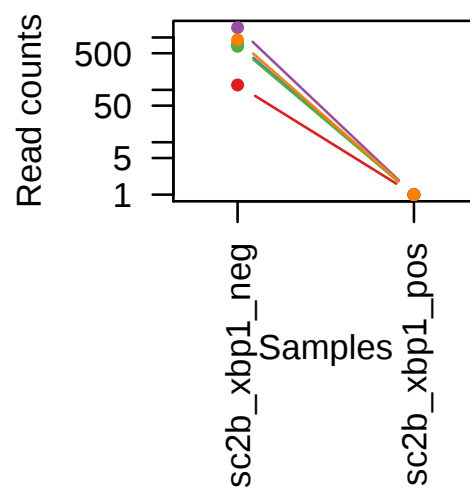
sgRNAs in Kcnq1



sgRNAs in Tfap2d

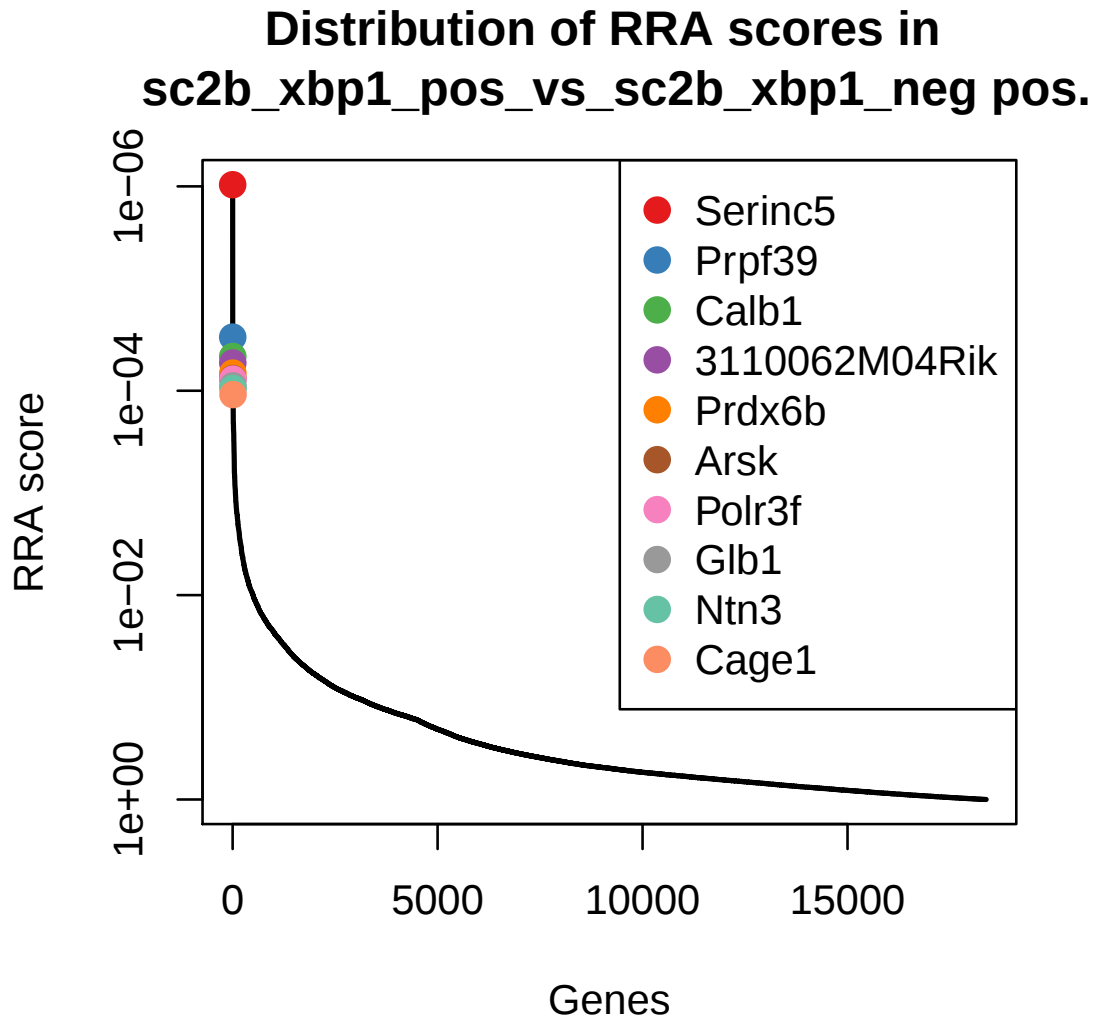


sgRNAs in Neurl1b

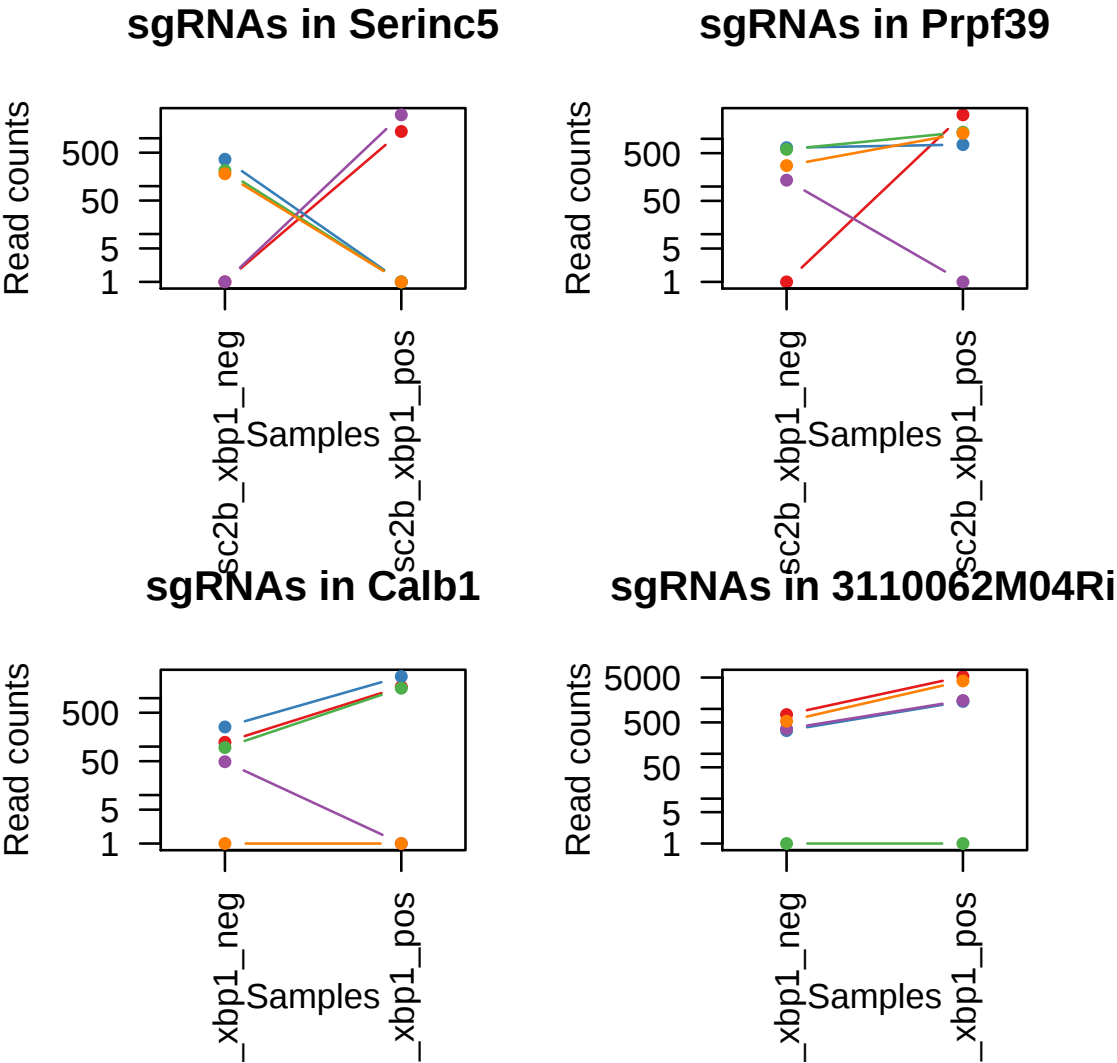


3 Comparison results of sc2b xbp1 pos vs sc2b xbp1 neg pos.

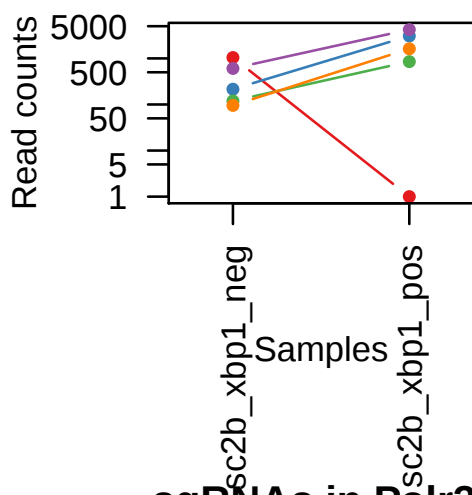
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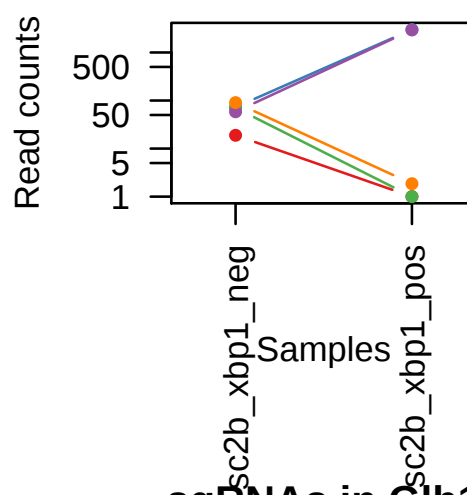
The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.



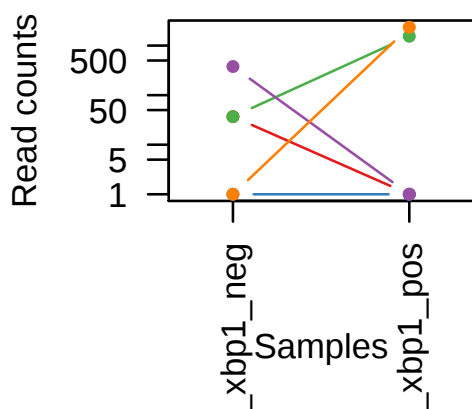
sgRNAs in Prdx6b



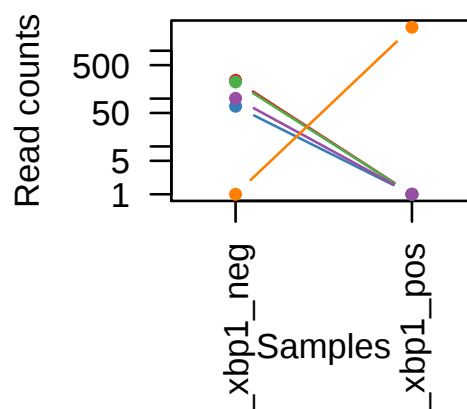
sgRNAs in Arsk



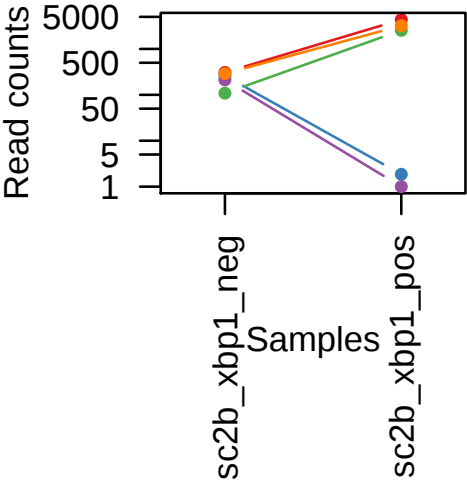
sgRNAs in Polr3f



sgRNAs in Glb1



sgRNAs in Ntn3



sgRNAs in Cage1

