

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	sx4_IRF4_pos_vs_sx4_IRF4_neg neg.	17865	negative	0	0	0
2	sx4_IRF4_pos_vs_sx4_IRF4_neg pos.	17865	positive	0	0	0

Table 1: Summary of comparisons

The meanings of the columns are as follows.

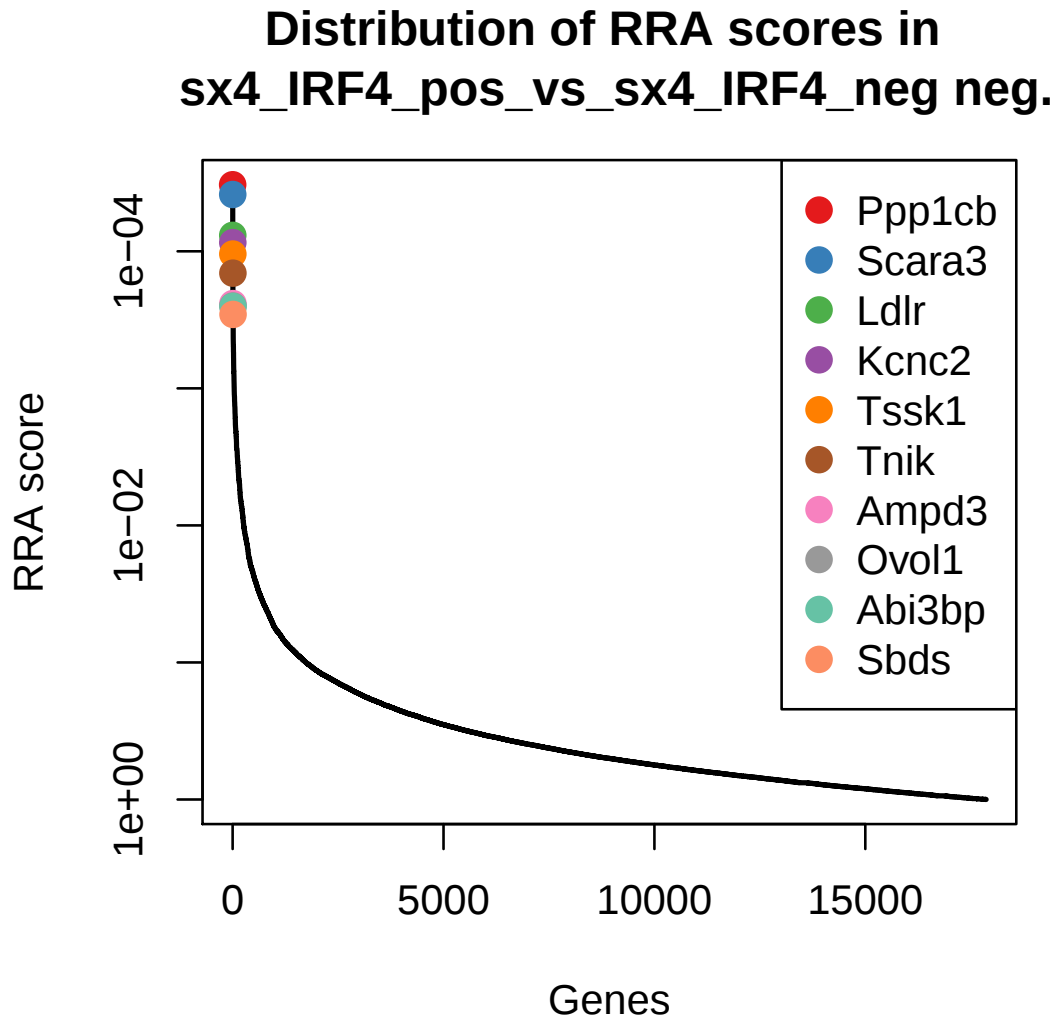
- **Comparison:** The label for comparisons;
- **Genes:** The number of genes in the library;
- **Selection:** The direction of selection, either positive selection or negative selection;
- **FDR1%:** The number of genes with $\text{FDR} < 1\%$;
- **FDR5%:** The number of genes with $\text{FDR} < 5\%$;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

The following figures show:

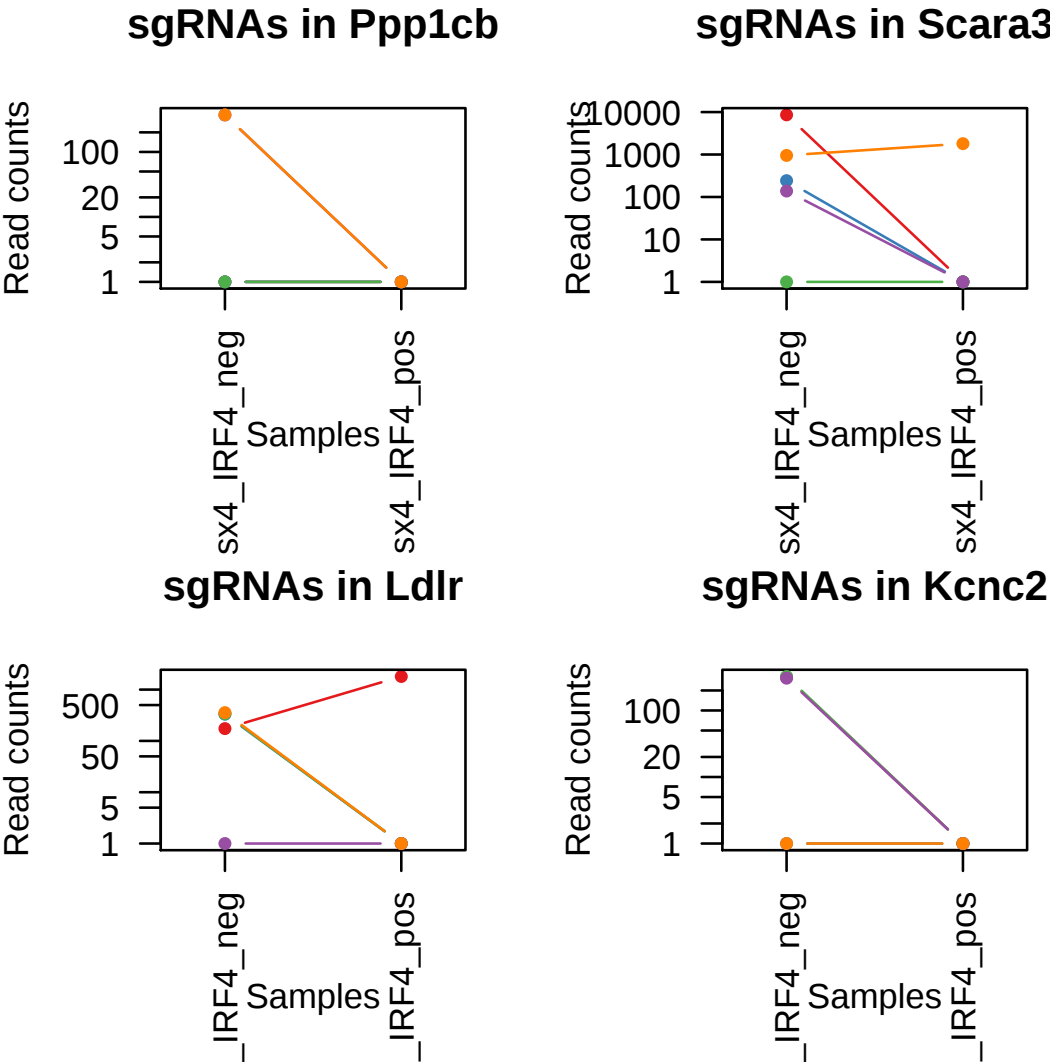
- Individual sgRNA read counts of selected genes in selected samples;
- The distribution of RRA scores and p values of all genes; and
- The RRA scores and p values of selected genes.

2 Comparison results of sx4 IRF4 pos vs sx4 IRF4 neg neg.

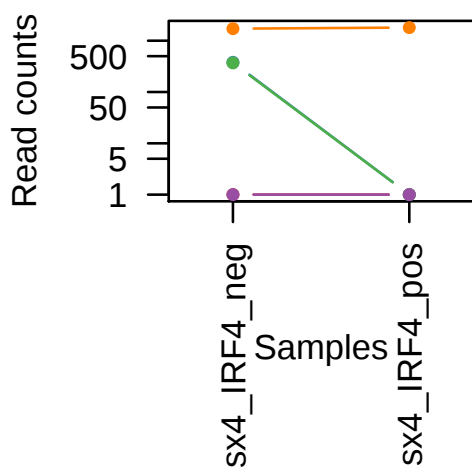
The following figure shows the distribution of RRA score in the comparison sx4 IRF4 pos vs sx4 IRF4 neg neg., and the RRA scores of 10 genes.



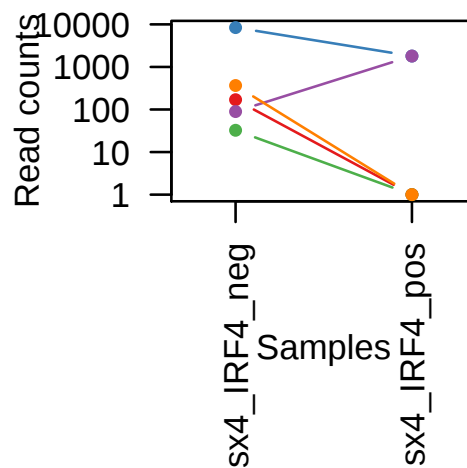
The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.



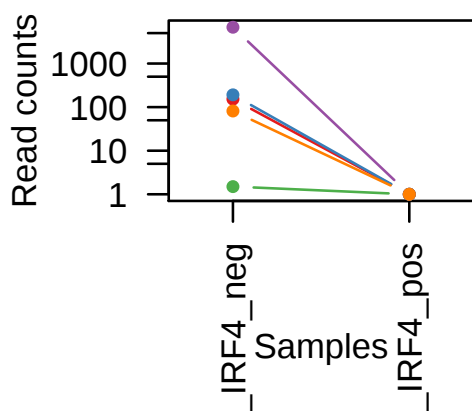
sgRNAs in Tssk1



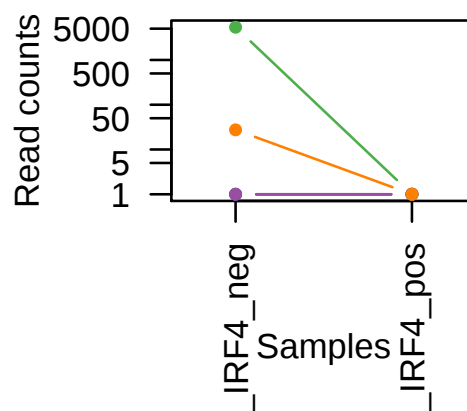
sgRNAs in Tnik



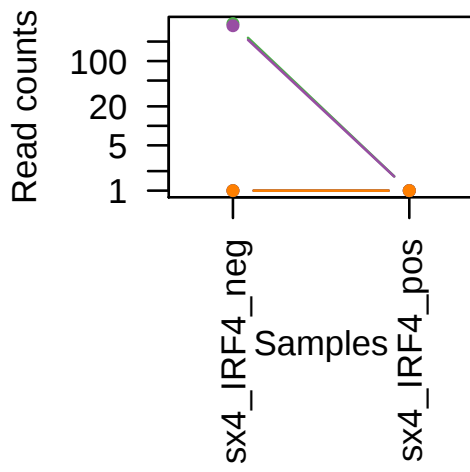
sgRNAs in Ampd3



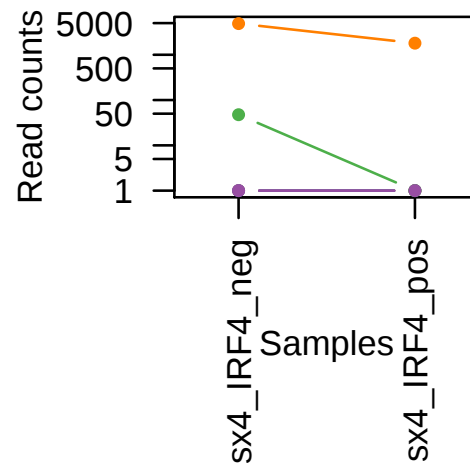
sgRNAs in Ovol1



sgRNAs in Abi3bp

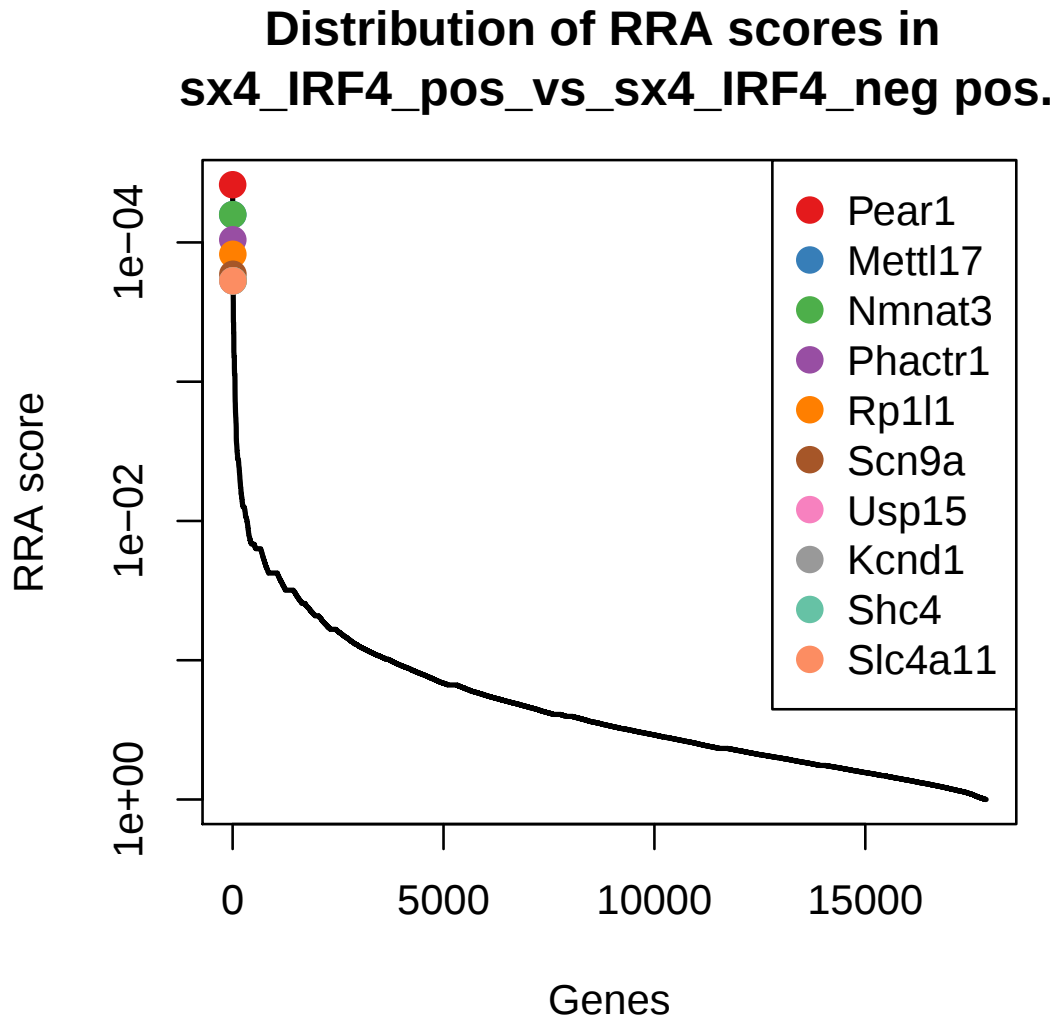


sgRNAs in Sbds



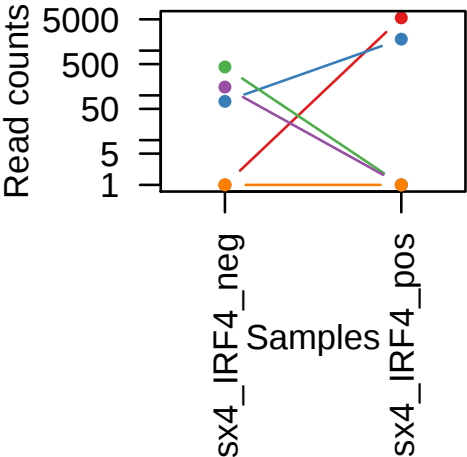
3 Comparison results of sx4 IRF4 pos vs sx4 IRF4 neg pos.

The following figure shows the distribution of RRA score in the comparison sx4 IRF4 pos vs sx4 IRF4 neg pos., and the RRA scores of 10 genes.

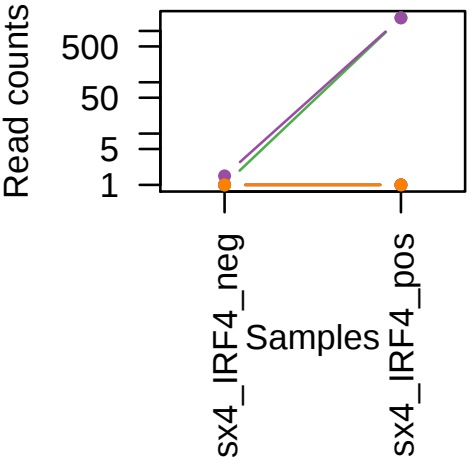


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

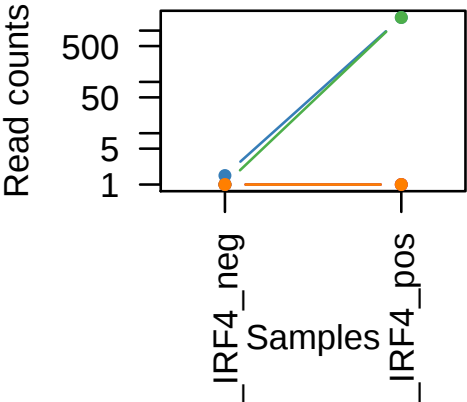
sgRNAs in Pear1



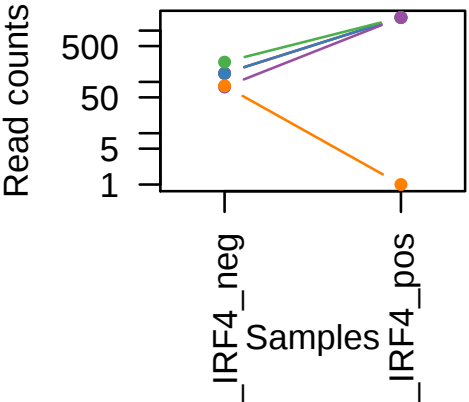
sgRNAs in Mettl17



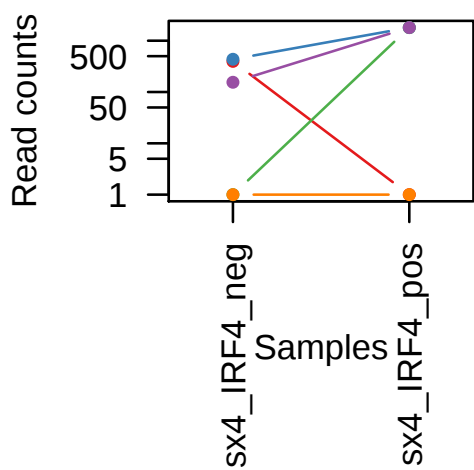
sgRNAs in Nmnat3



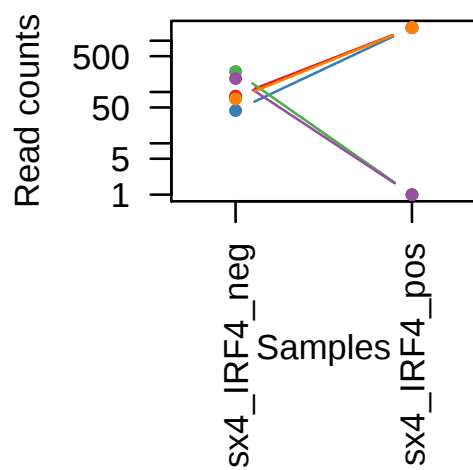
sgRNAs in Phactr1



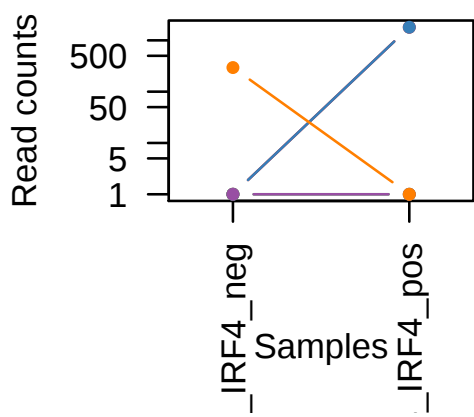
sgRNAs in Rp1l1



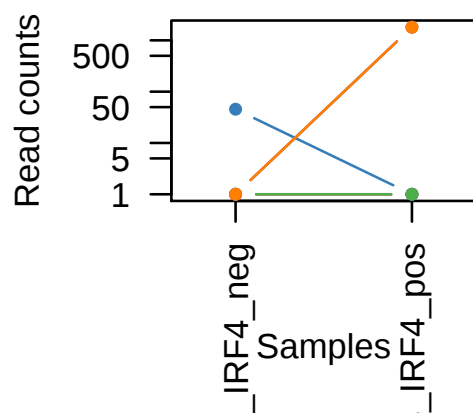
sgRNAs in Scn9a



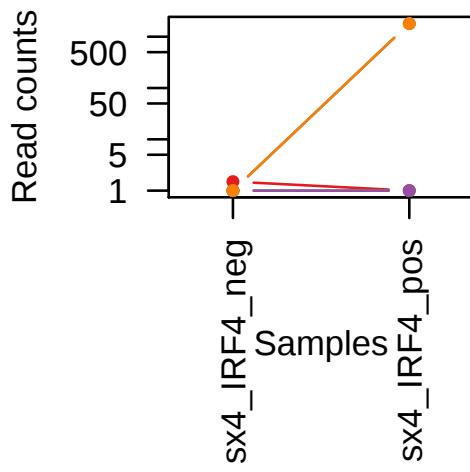
sgRNAs in Usp15



sgRNAs in Kcnd1



sgRNAs in Shc4



sgRNAs in Slc4a11

