

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	sc2a_irf4_pos_vs_sc2a_irf4_neg neg.	18379	negative	0	0	0
2	sc2a_irf4_pos_vs_sc2a_irf4_neg pos.	18379	positive	0	0	0

Table 1: Summary of comparisons

The meanings of the columns are as follows.

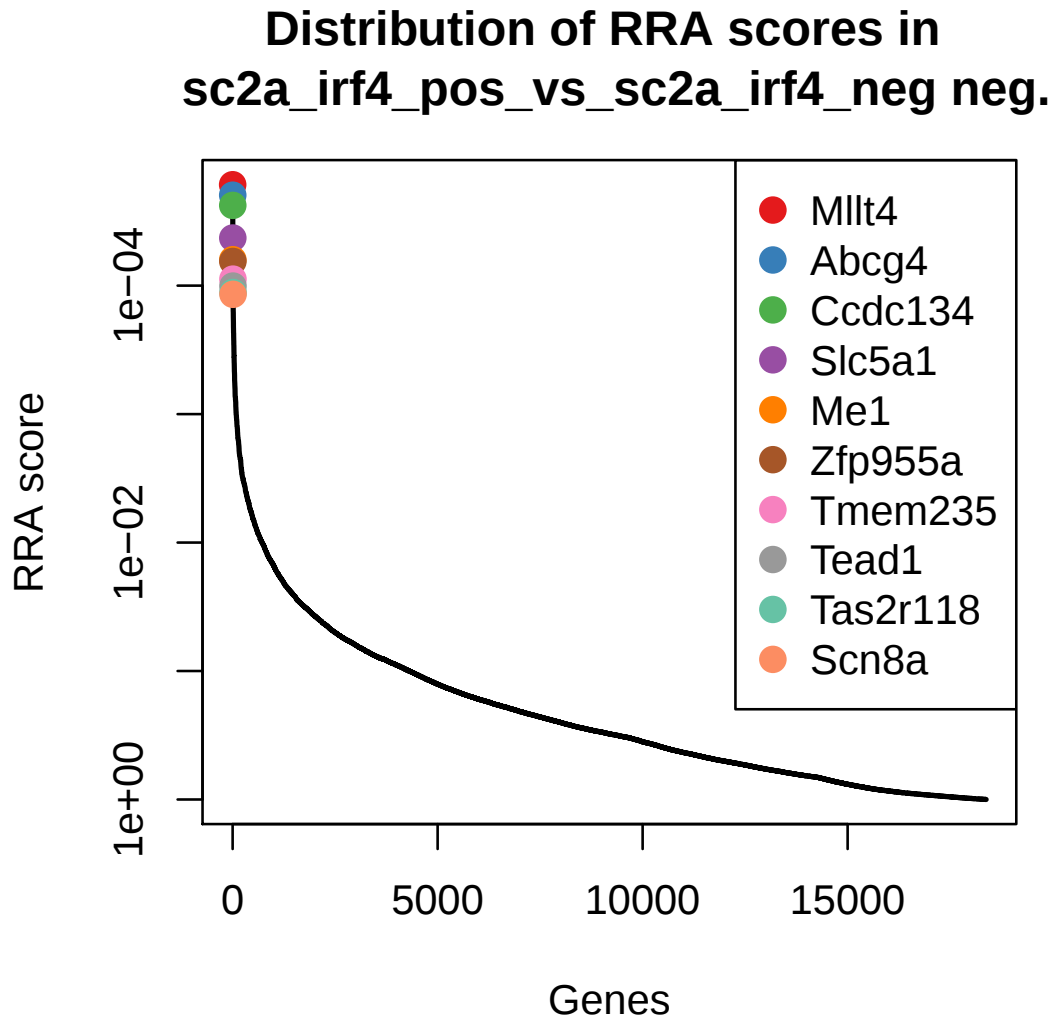
- **Comparison:** The label for comparisons;
- **Genes:** The number of genes in the library;
- **Selection:** The direction of selection, either positive selection or negative selection;
- **FDR1%:** The number of genes with $\text{FDR} < 1\%$;
- **FDR5%:** The number of genes with $\text{FDR} < 5\%$;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

The following figures show:

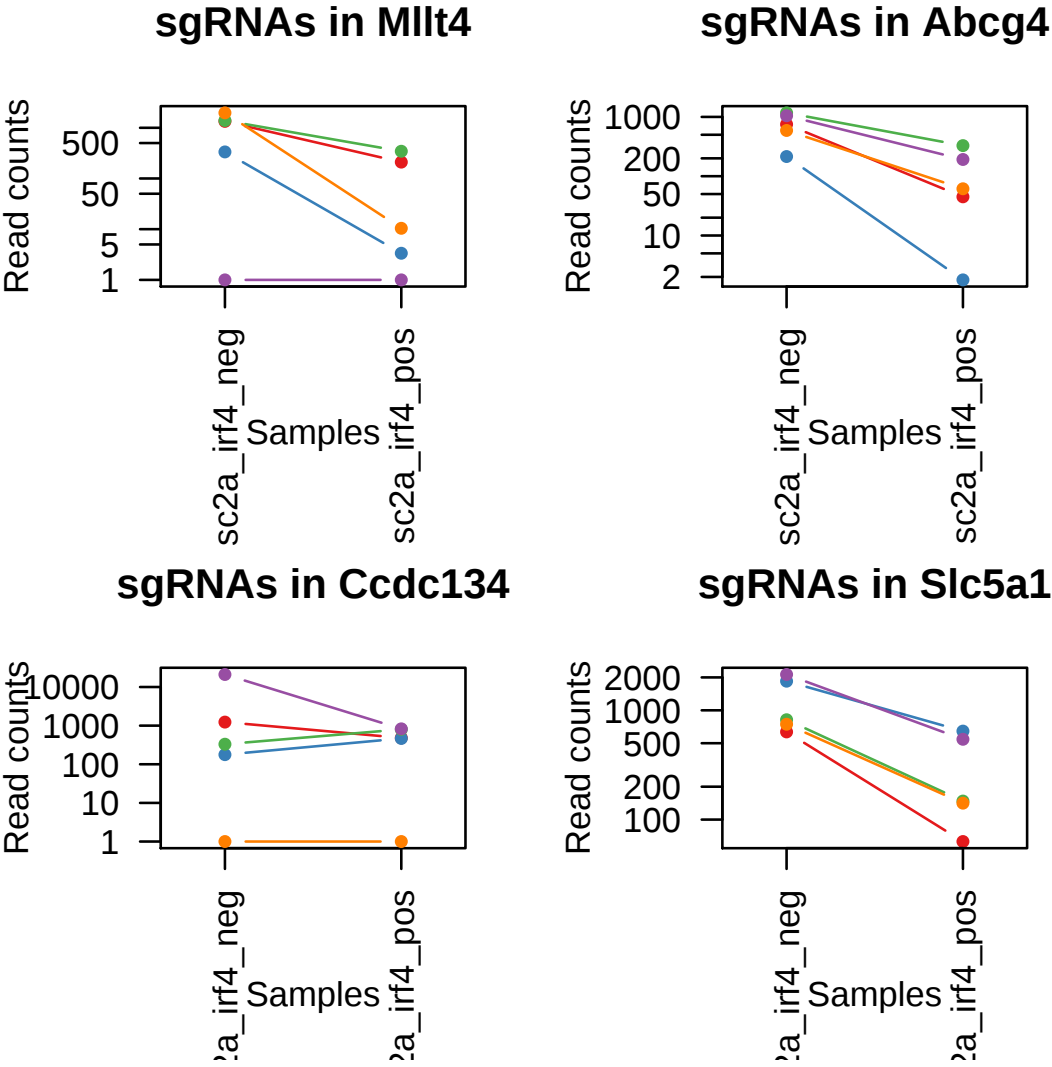
- Individual sgRNA read counts of selected genes in selected samples;
- The distribution of RRA scores and p values of all genes; and
- The RRA scores and p values of selected genes.

2 Comparison results of sc2a irf4 pos vs sc2a irf4 neg neg.

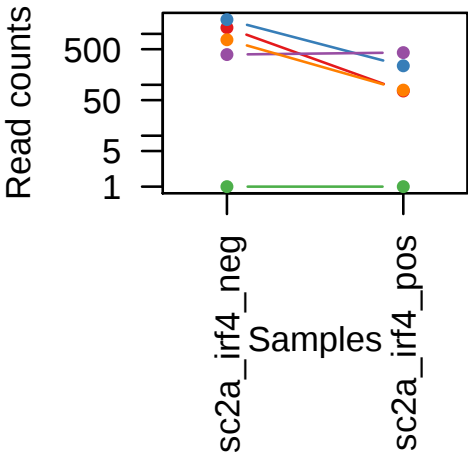
The following figure shows the distribution of RRA score in the comparison sc2a irf4 pos vs sc2a irf4 neg neg., and the RRA scores of 10 genes.



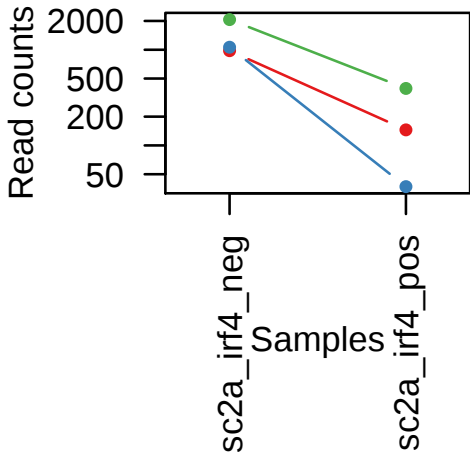
The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.



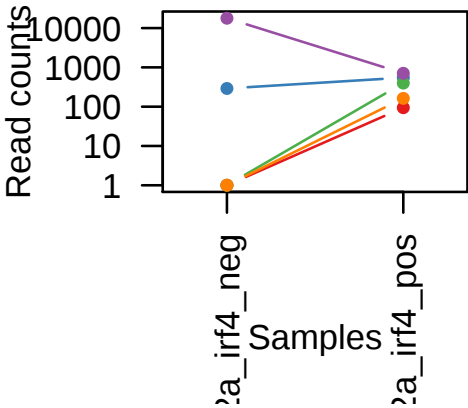
sgRNAs in Me1



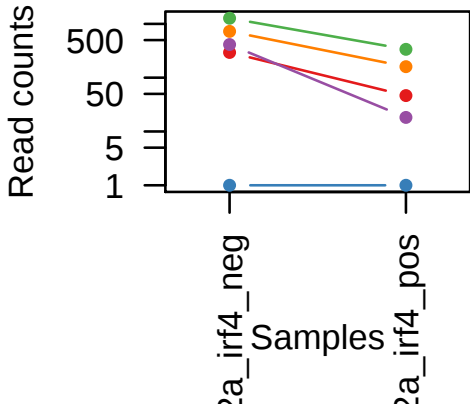
sgRNAs in Zfp955a



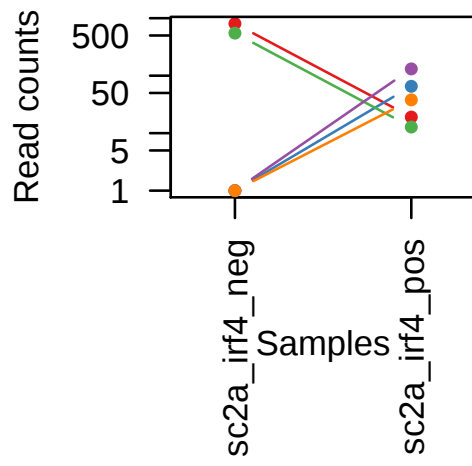
sgRNAs in Tmem235



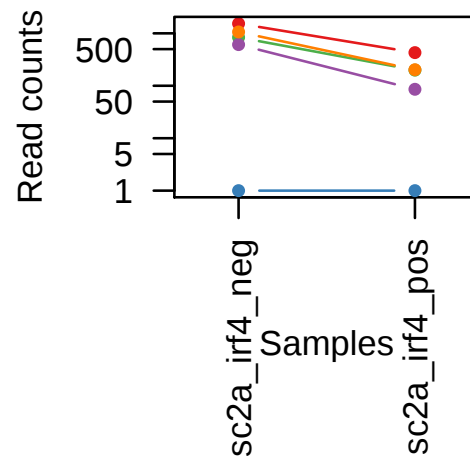
sgRNAs in Tead1



sgRNAs in Tas2r118

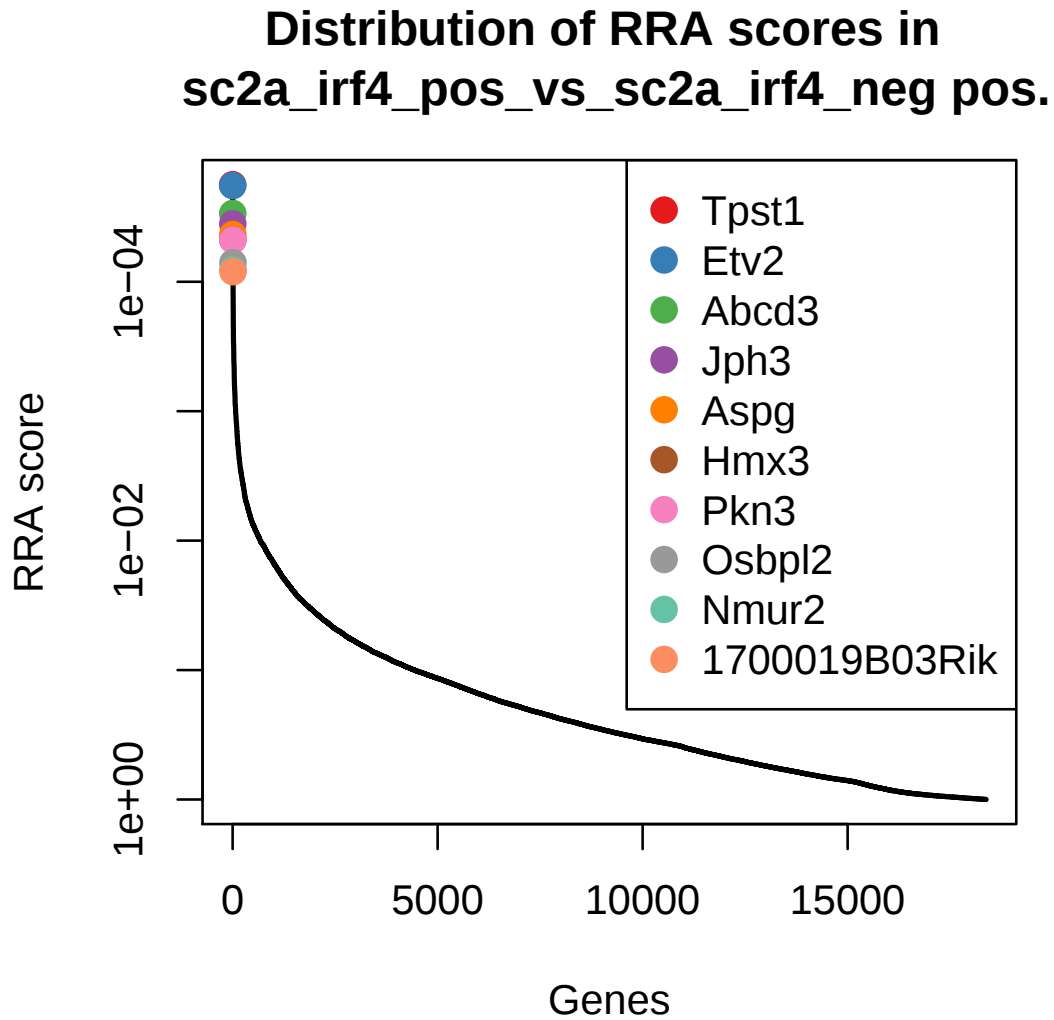


sgRNAs in Scn8a



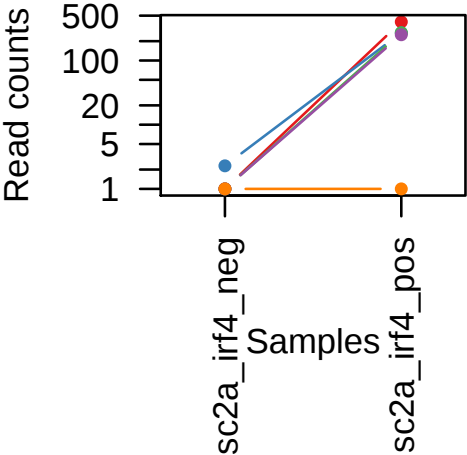
3 Comparison results of sc2a irf4 pos vs sc2a irf4 neg pos.

The following figure shows the distribution of RRA score in the comparison sc2a irf4 pos vs sc2a irf4 neg pos., and the RRA scores of 10 genes.

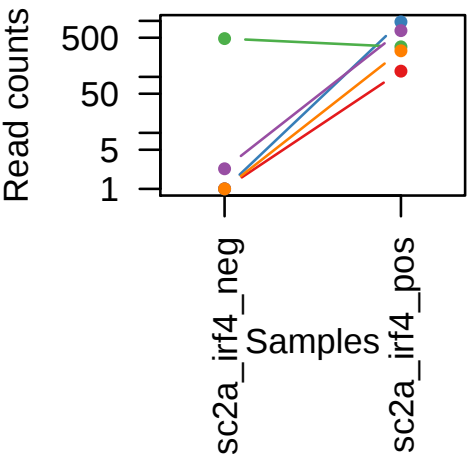


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

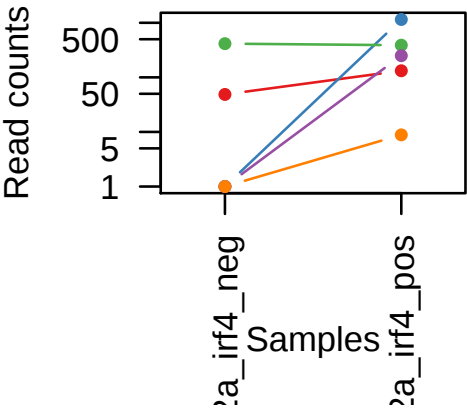
sgRNAs in Tpst1



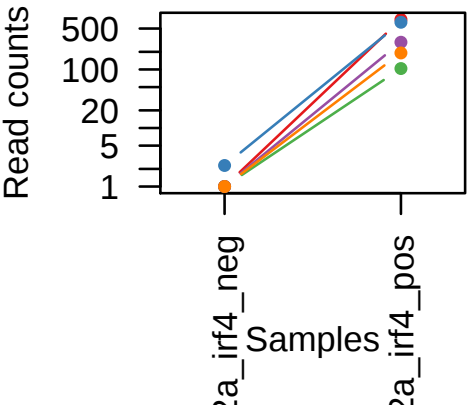
sgRNAs in Etv2



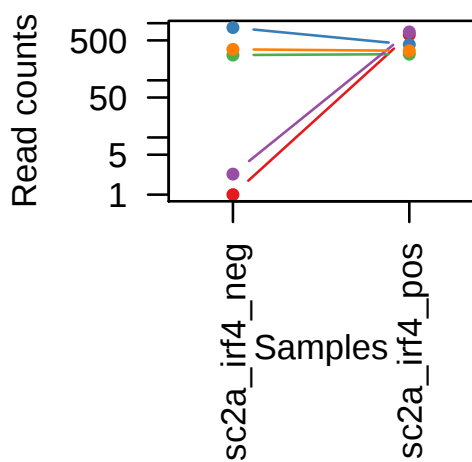
sgRNAs in Abcd3



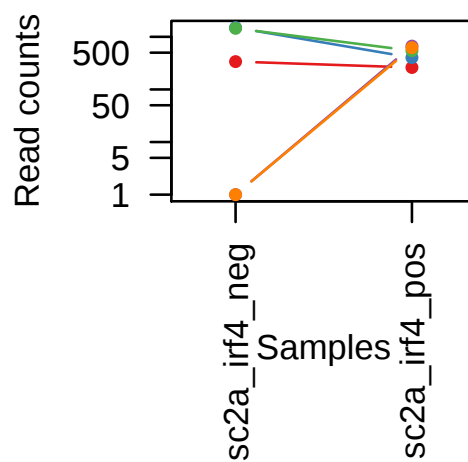
sgRNAs in Jph3



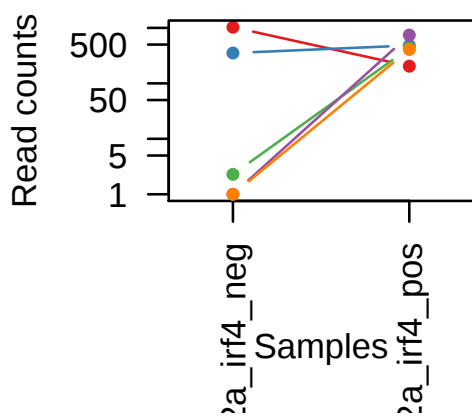
sgRNAs in Aspg



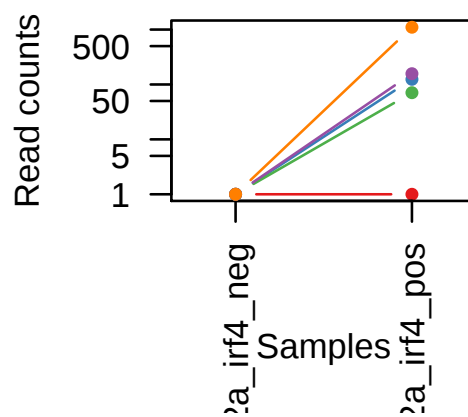
sgRNAs in Hmx3



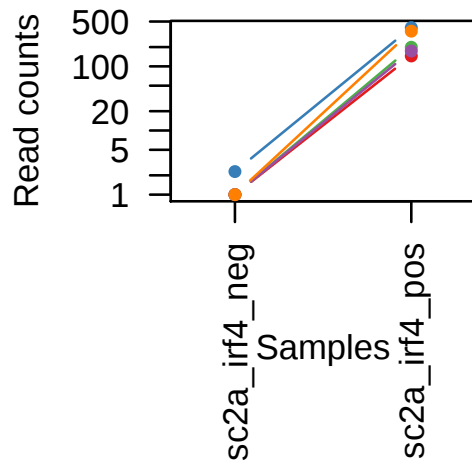
sgRNAs in Pkn3



sgRNAs in Osbp12



sgRNAs in Nmur2



sgRNAs in 1700019B03Ri

