

MAGeCK Comparison Report

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January 10, 2020

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1 Summary

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

	Comparison	Genes	Selection	FDR1%	FDR5%	FDR25%
1	s11_IL13_0_vs_s11_IL13_4 neg.	18388	negative	0	0	1
2	s11_IL13_0_vs_s11_IL13_4 pos.	18388	positive	0	0	0

Table 1: Summary of comparisons

The meanings of the columns are as follows.

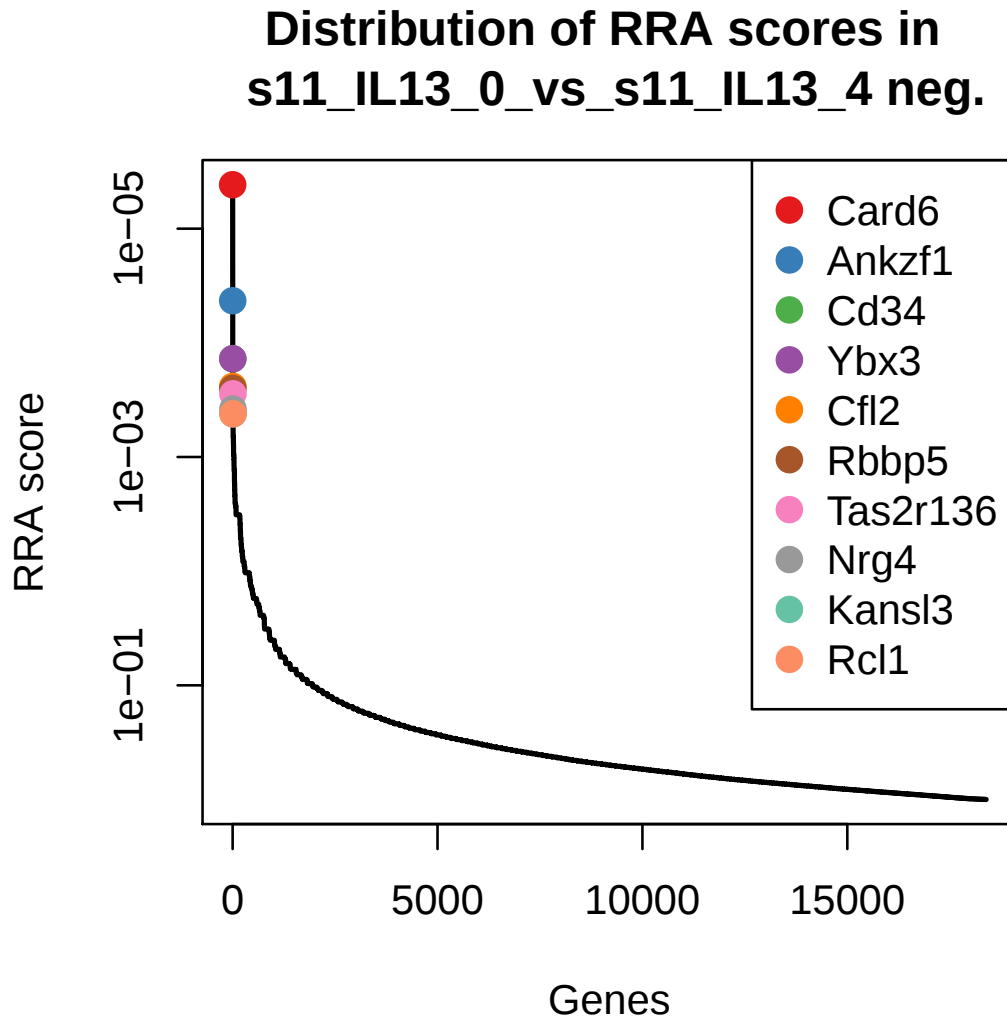
- **Comparison:** The label for comparisons;
- **Genes:** The number of genes in the library;
- **Selection:** The direction of selection, either positive selection or negative selection;
- **FDR1%:** The number of genes with $\text{FDR} < 1\%$;
- **FDR5%:** The number of genes with $\text{FDR} < 5\%$;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

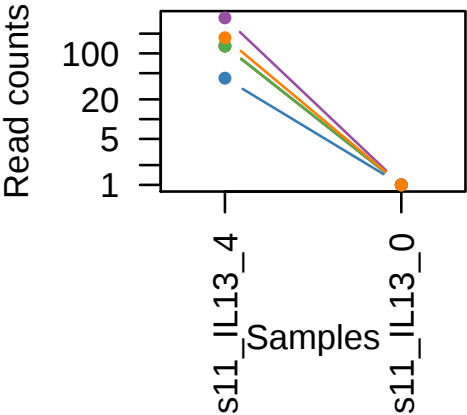
2 Comparison results of s11 IL13 0 vs s11 IL13 4 neg.

The following figure shows the distribution of RRA score in the comparison s11 IL13 0 vs s11 IL13 4 neg., and the RRA scores of 10 genes.

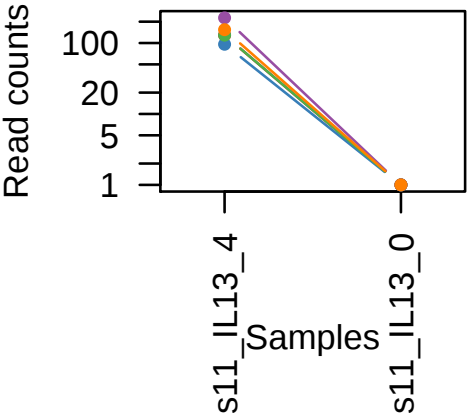


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

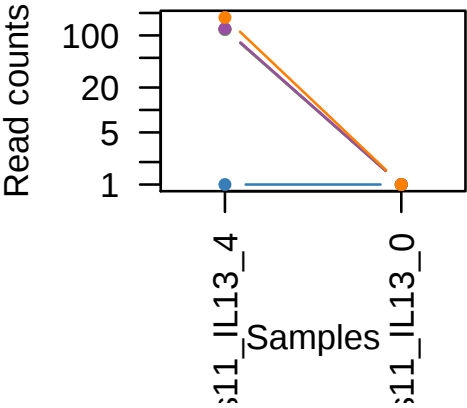
sgRNAs in Card6



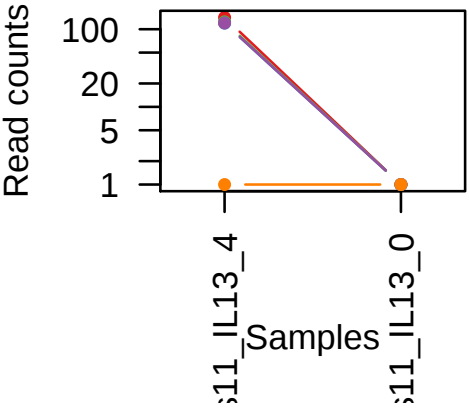
sgRNAs in Ankzf1



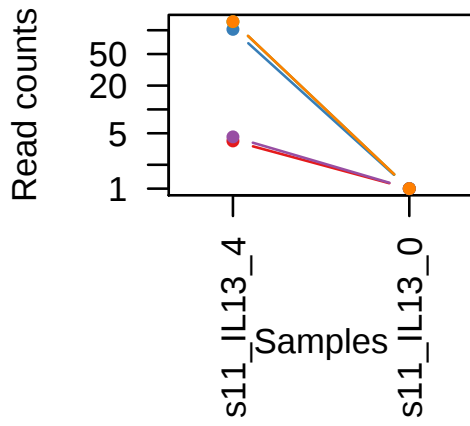
sgRNAs in Cd34



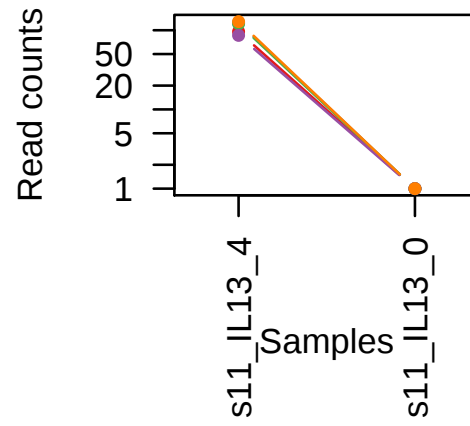
sgRNAs in Ybx3



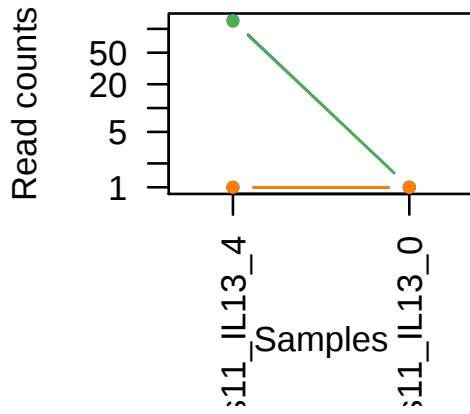
sgRNAs in Cfl2



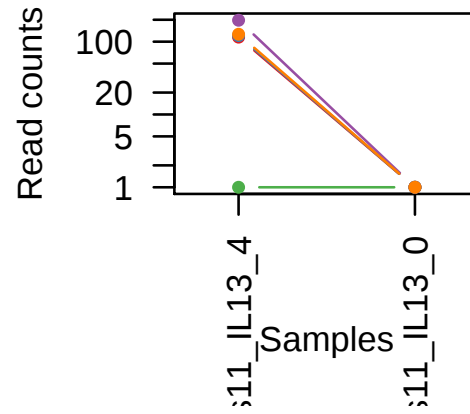
sgRNAs in Rbbp5



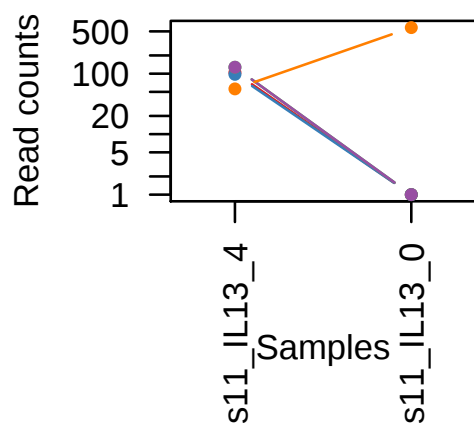
sgRNAs in Tas2r136



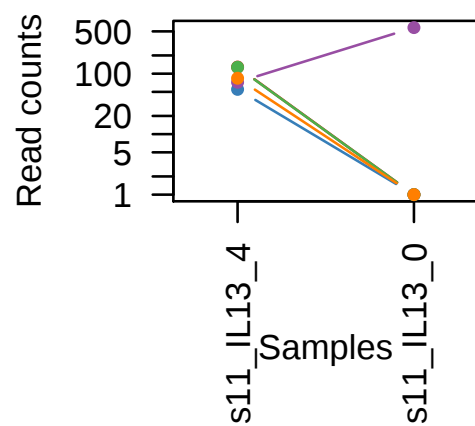
sgRNAs in Nrg4



sgRNAs in Kansl3

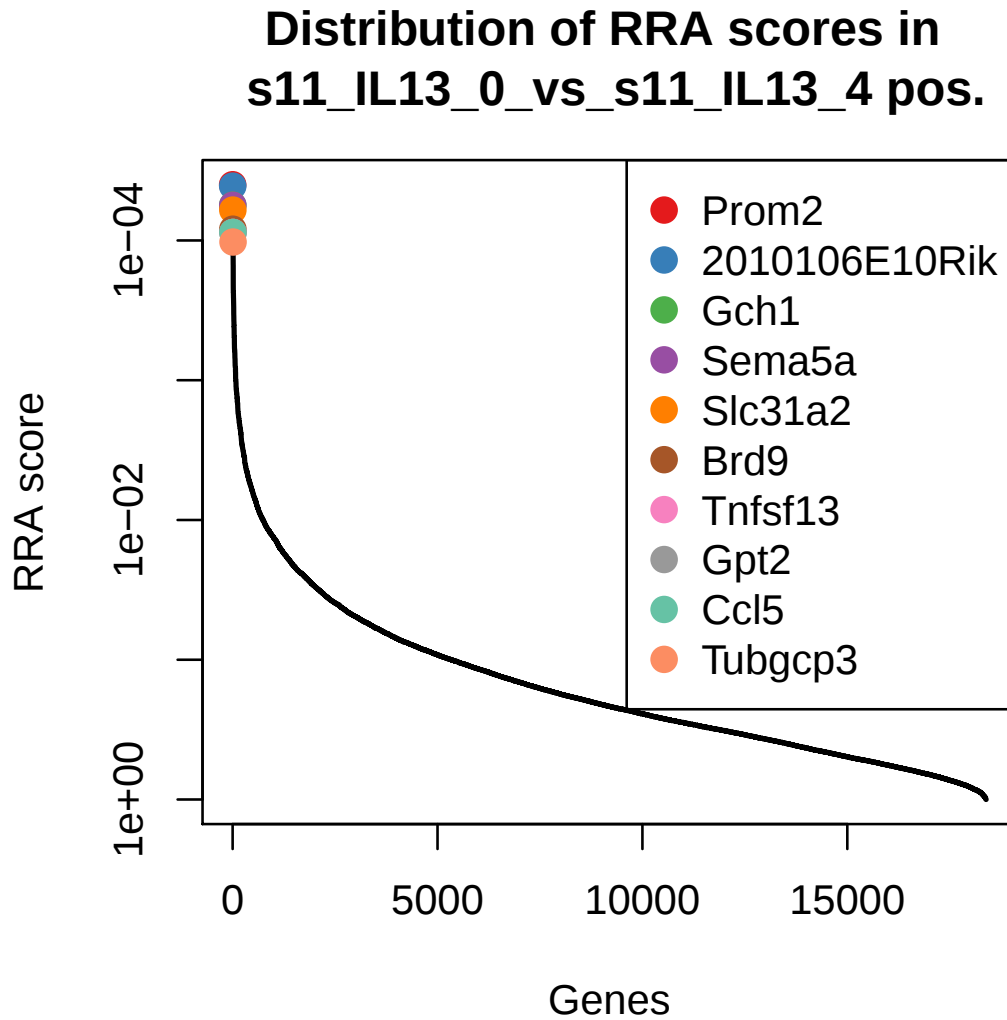


sgRNAs in Rcl1



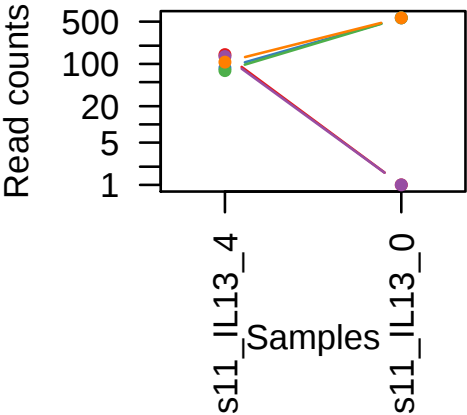
3 Comparison results of s11 IL13 0 vs s11 IL13 4 pos.

The following figure shows the distribution of RRA score in the comparison s11 IL13 0 vs s11 IL13 4 pos., and the RRA scores of 10 genes.

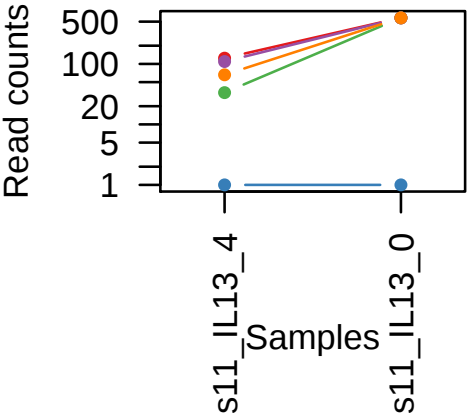


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

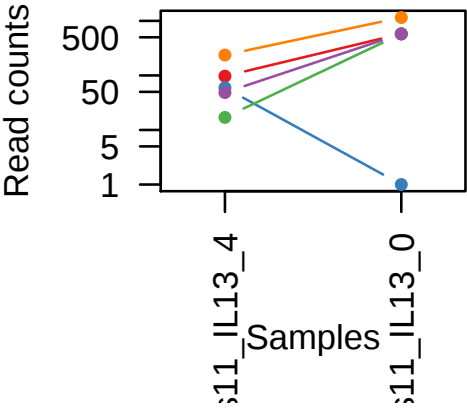
sgRNAs in Prom2



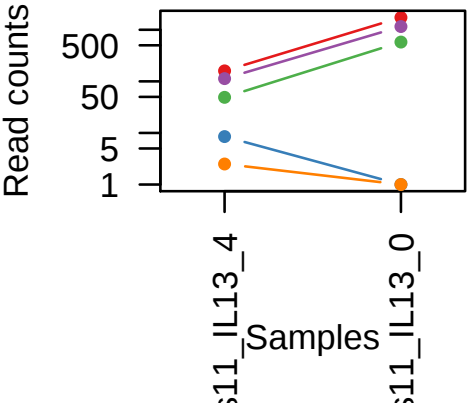
sgRNAs in 2010106E10Ri



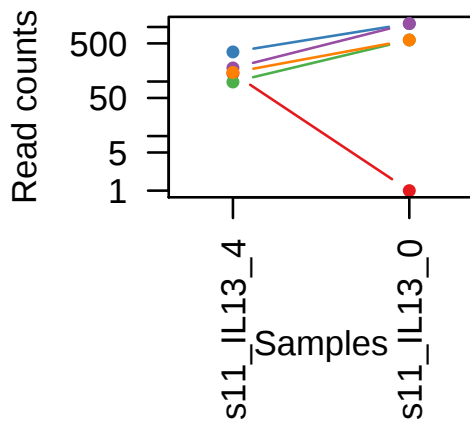
sgRNAs in Gch1



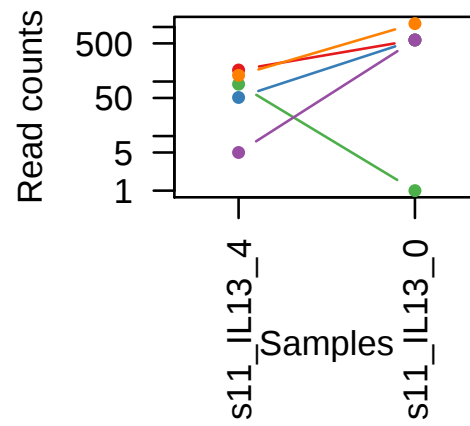
sgRNAs in Sema5a



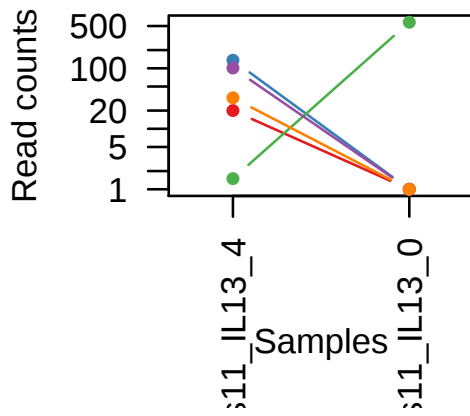
sgRNAs in Slc31a2



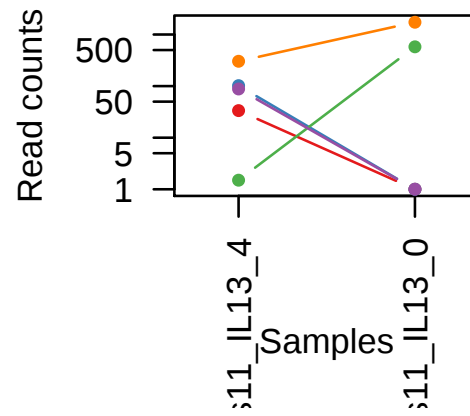
sgRNAs in Brd9



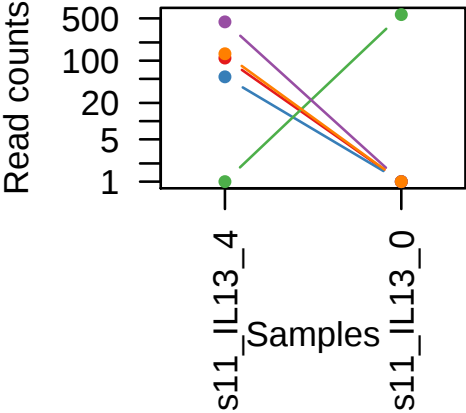
sgRNAs in Tnfsf13



sgRNAs in Gpt2



sgRNAs in Ccl5



sgRNAs in Tubgcp3

