

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	sc1_il13_pos_vs_sc1_il13_neg neg.	18386	negative	505	800	1040
2	sc1_il13_pos_vs_sc1_il13_neg pos.	18386	positive	0	5	13

Table 1: Summary of comparisons

The meanings of the columns are as follows.

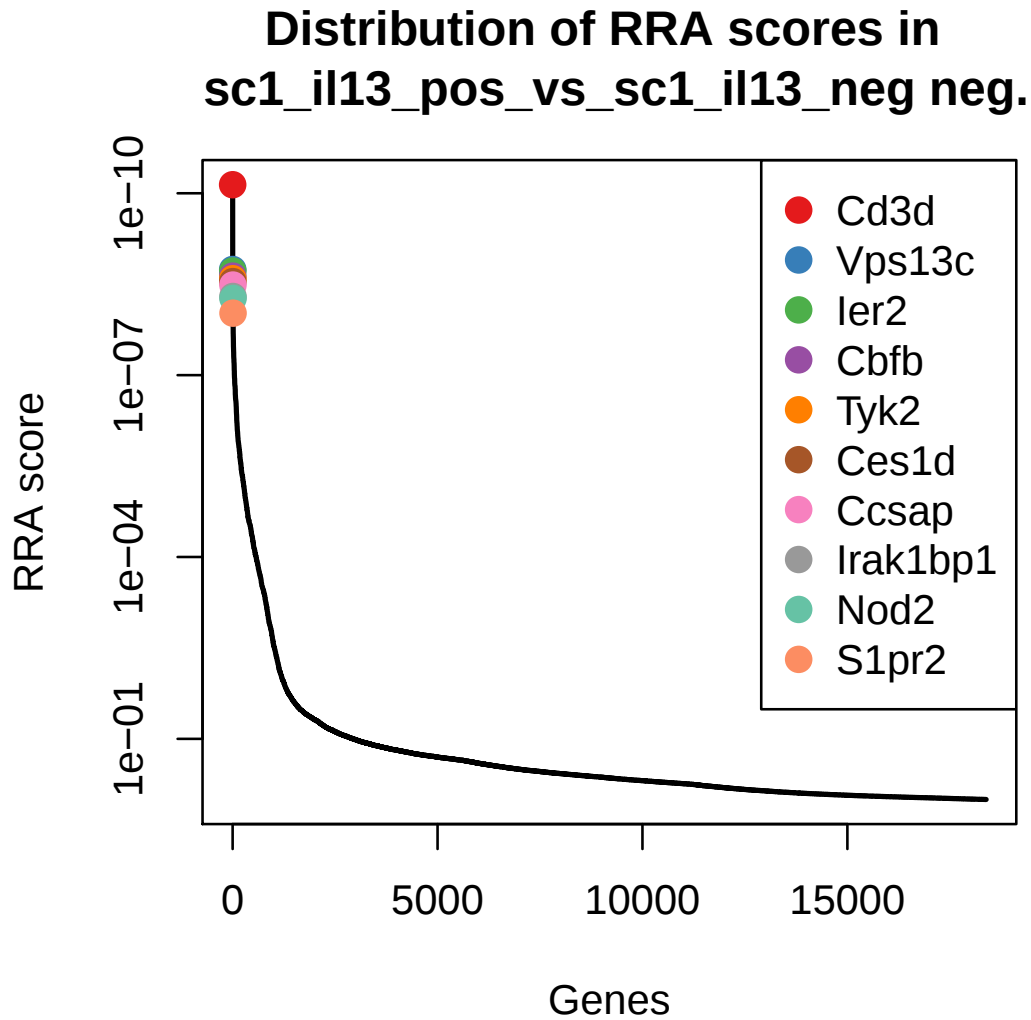
- **Comparison:** The label for comparisons;
- **Genes:** The number of genes in the library;
- **Selection:** The direction of selection, either positive selection or negative selection;
- **FDR1%:** The number of genes with $\text{FDR} < 1\%$;
- **FDR5%:** The number of genes with $\text{FDR} < 5\%$;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

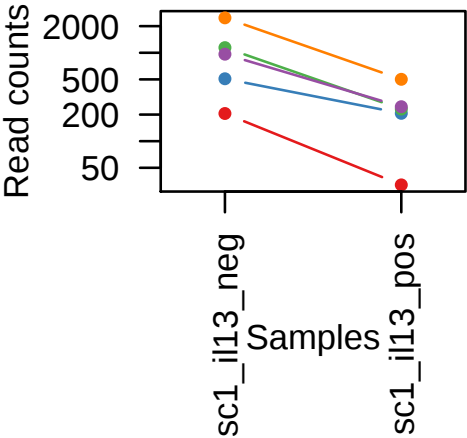
2 Comparison results of sc1 il13 pos vs sc1 il13 neg neg.

The following figure shows the distribution of RRA score in the comparison sc1 il13 pos vs sc1 il13 neg neg., and the RRA scores of 10 genes.

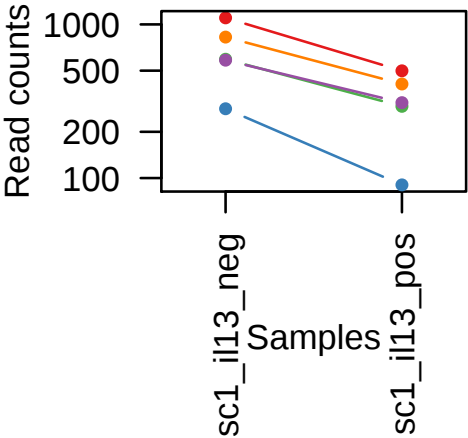


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

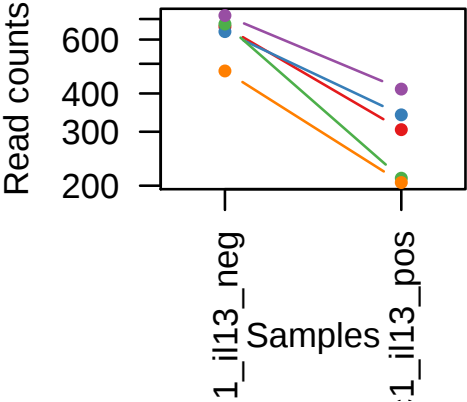
sgRNAs in Cd3d



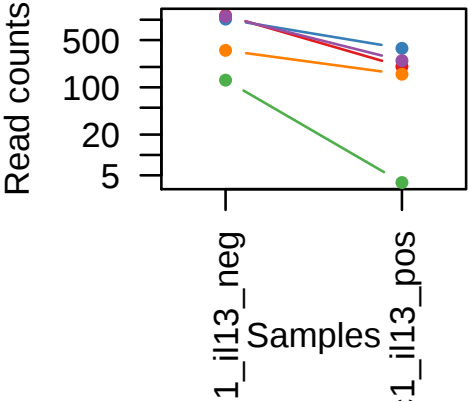
sgRNAs in Vps13c



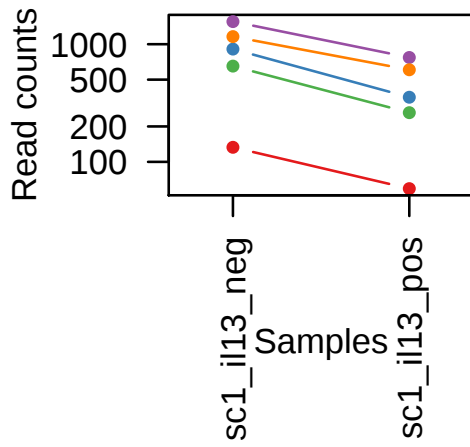
sgRNAs in Ier2



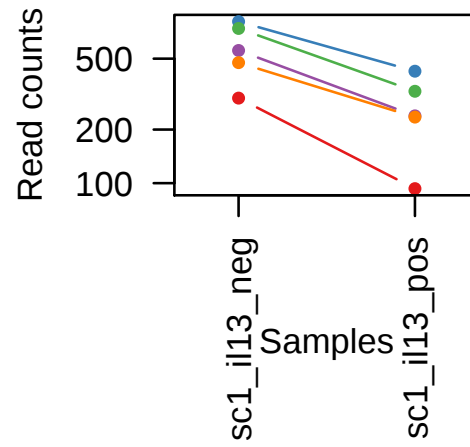
sgRNAs in Cbfb



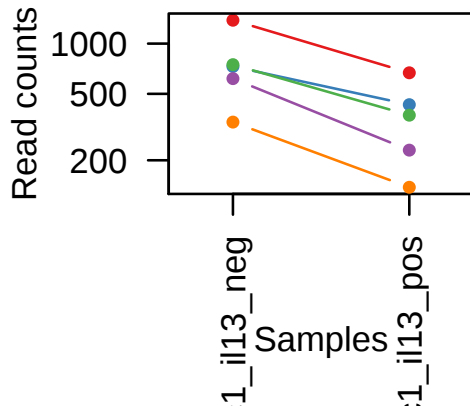
sgRNAs in Tyk2



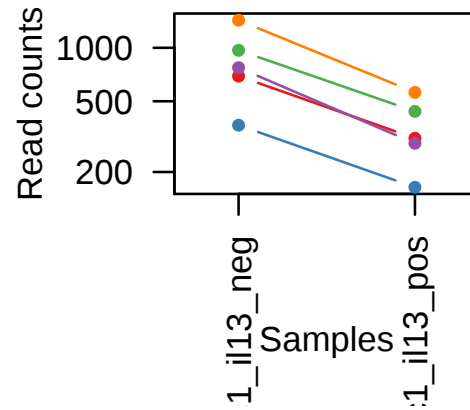
sgRNAs in Ces1d



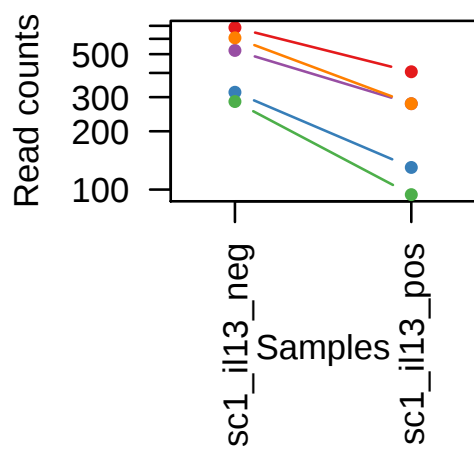
sgRNAs in Ccsap



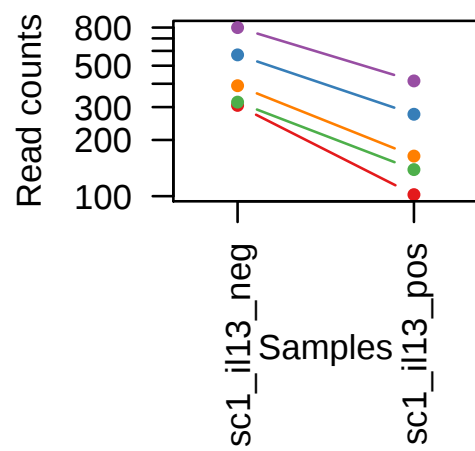
sgRNAs in Irak1bp1



sgRNAs in Nod2

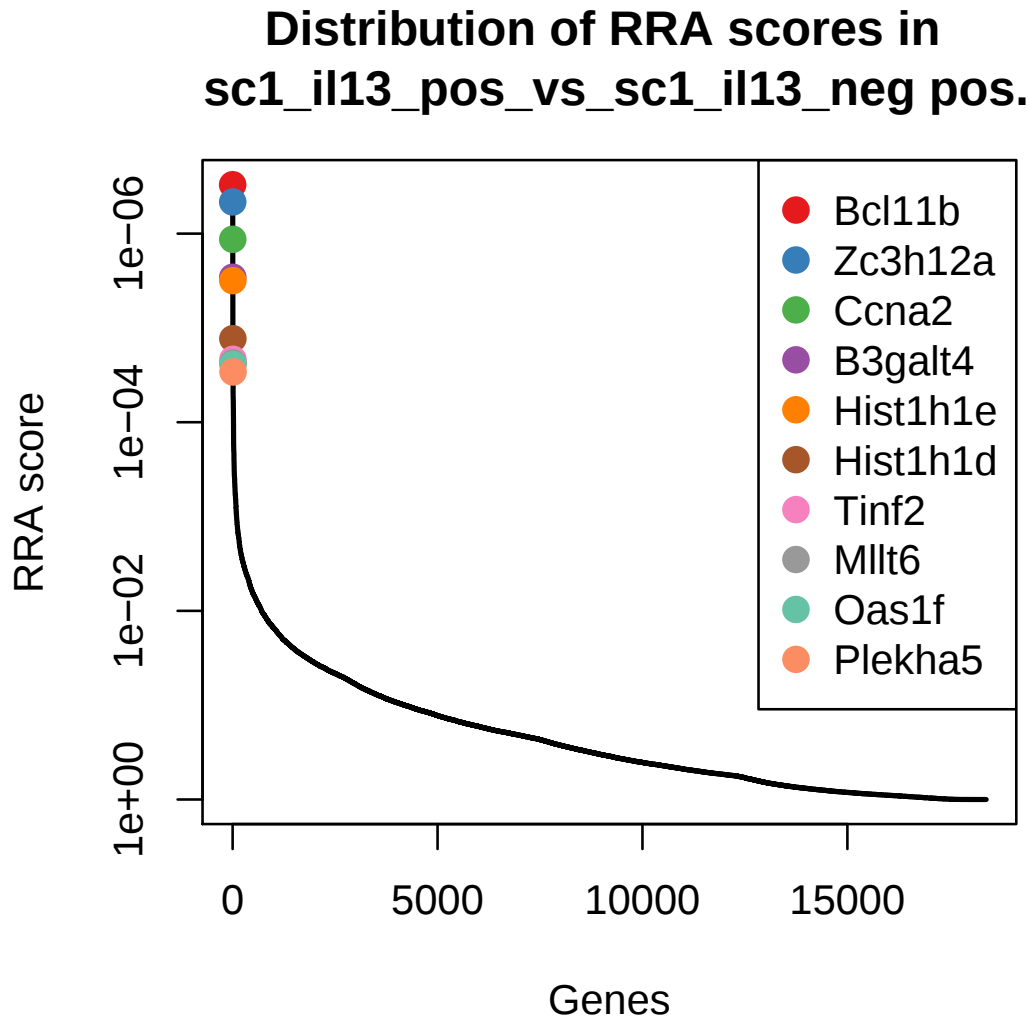


sgRNAs in S1pr2



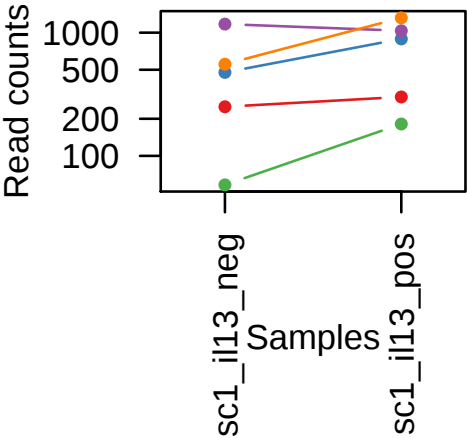
3 Comparison results of sc1 il13 pos vs sc1 il13 neg pos.

The following figure shows the distribution of RRA score in the comparison sc1 il13 pos vs sc1 il13 neg pos., and the RRA scores of 10 genes.

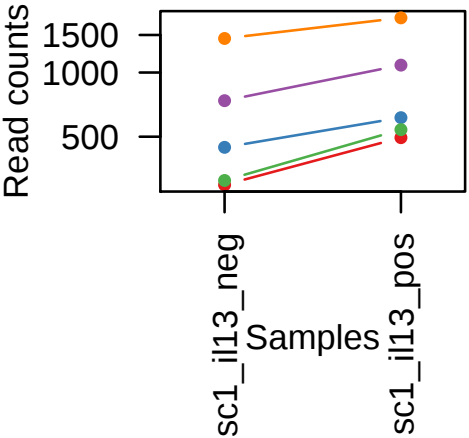


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

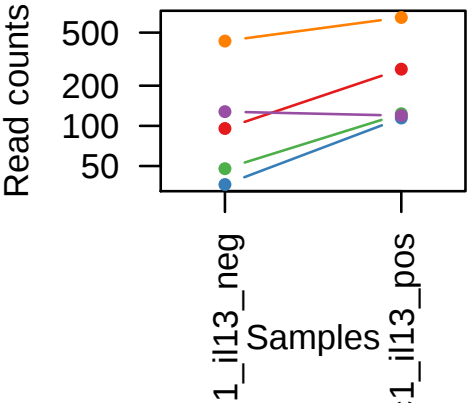
sgRNAs in Bcl11b



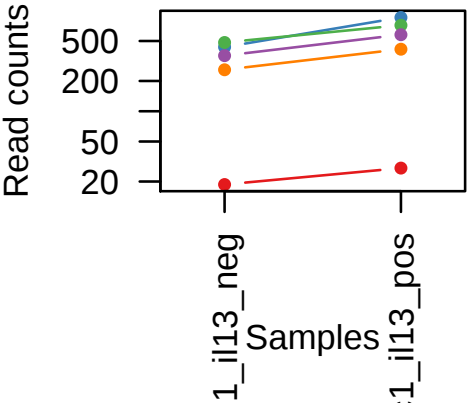
sgRNAs in Zc3h12a



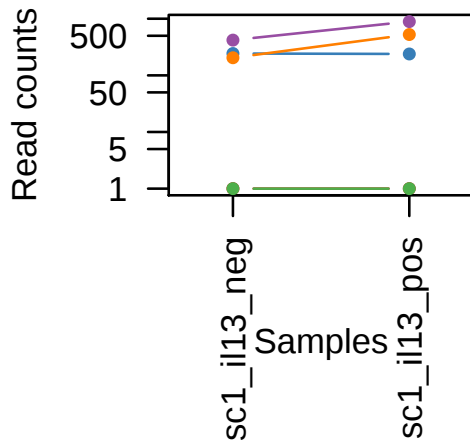
sgRNAs in Ccna2



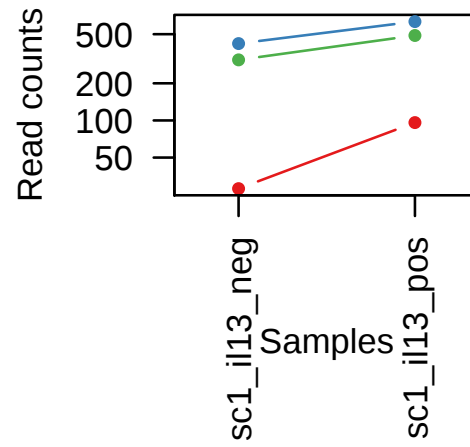
sgRNAs in B3galt4



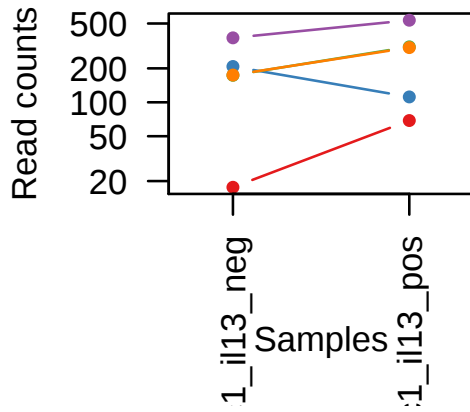
sgRNAs in Hist1h1e



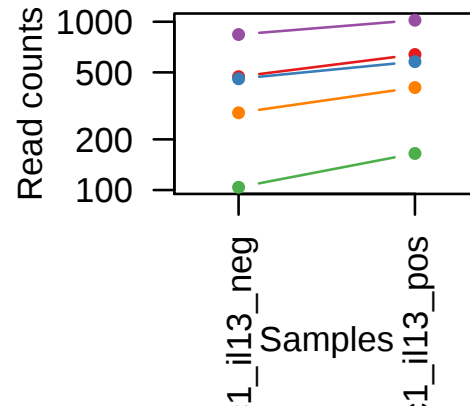
sgRNAs in Hist1h1d



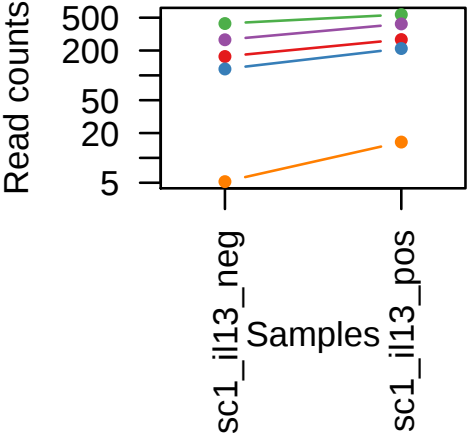
sgRNAs in Tinf2



sgRNAs in Mllt6



sgRNAs in Oas1f



sgRNAs in Plekha5

