

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	first_il4_pos_vs_first_il4_neg neg.	18355	negative	0	0	1
2	first_il4_pos_vs_first_il4_neg pos.	18355	positive	0	0	0

Table 1: Summary of comparisons

The meanings of the columns are as follows.

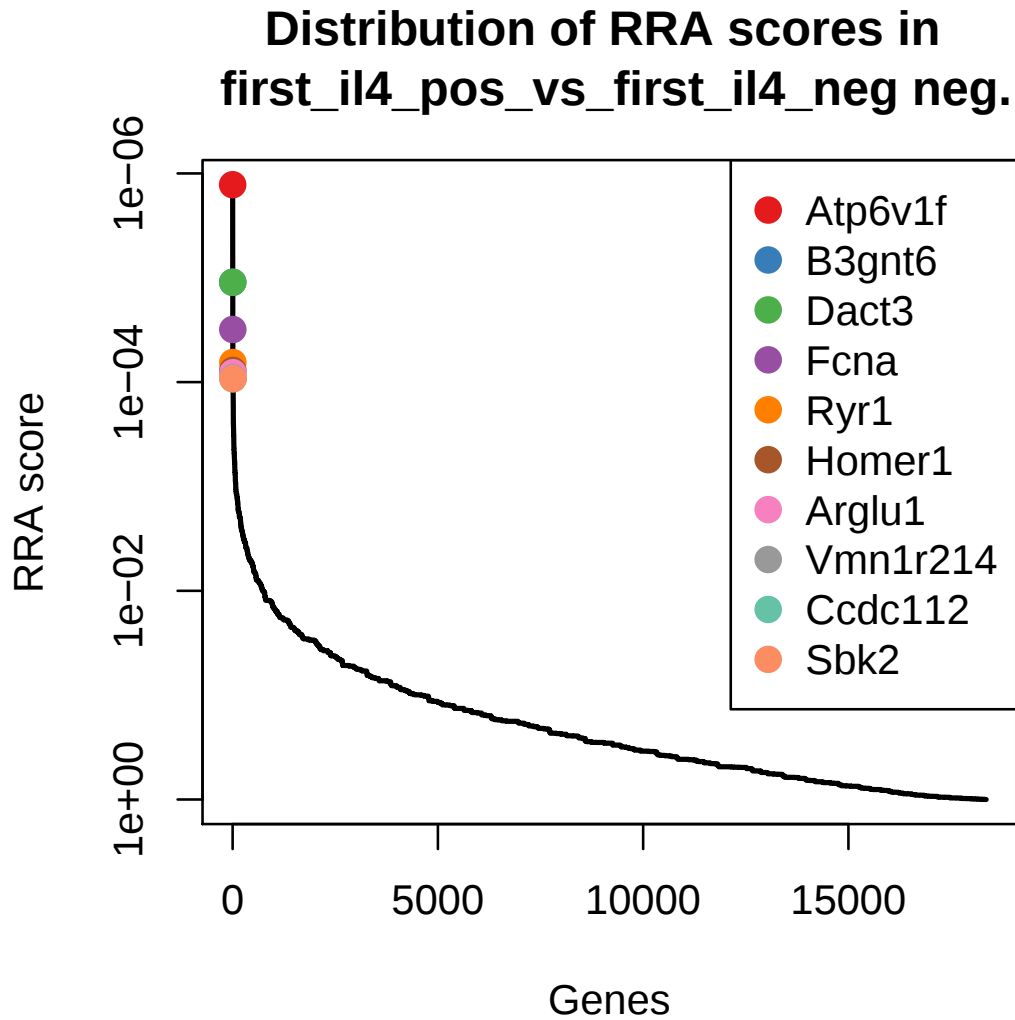
- **Comparison:** The label for comparisons;
- **Genes:** The number of genes in the library;
- **Selection:** The direction of selection, either positive selection or negative selection;
- **FDR1%:** The number of genes with $\text{FDR} < 1\%$;
- **FDR5%:** The number of genes with $\text{FDR} < 5\%$;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

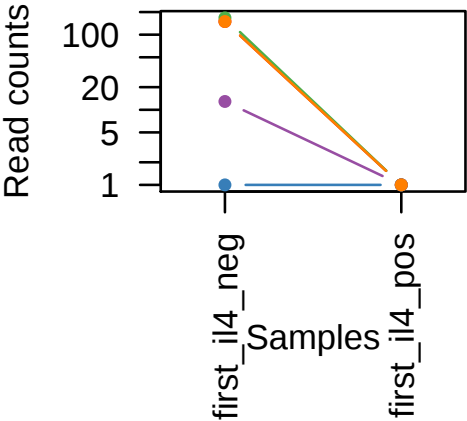
2 Comparison results of first il4 pos vs first il4 neg neg.

The following figure shows the distribution of RRA score in the comparison first il4 pos vs first il4 neg neg., and the RRA scores of 10 genes.

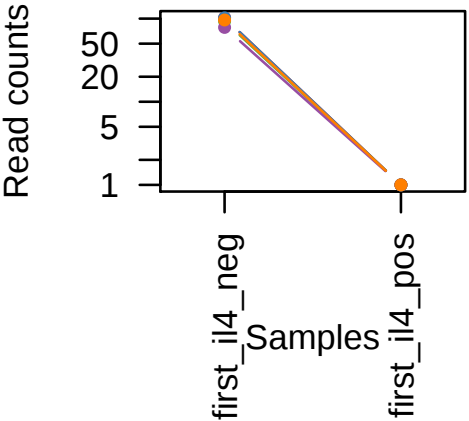


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

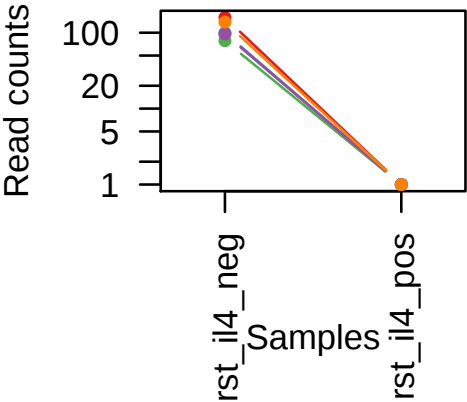
sgRNAs in Atp6v1f



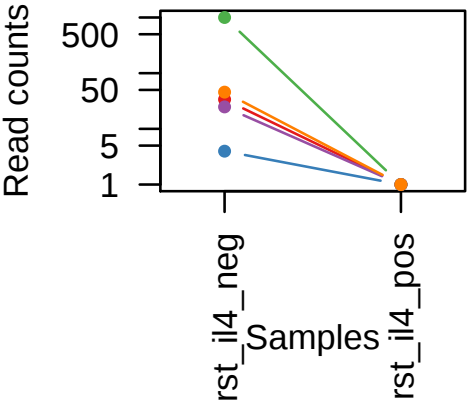
sgRNAs in B3gnt6



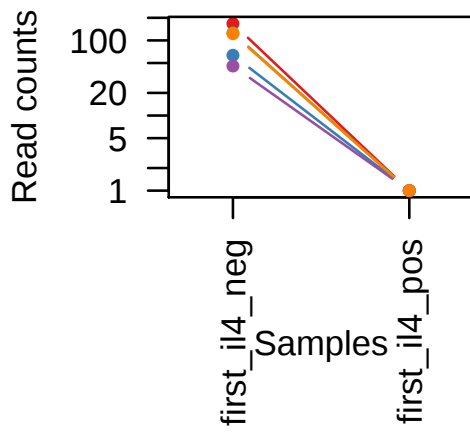
sgRNAs in Dact3



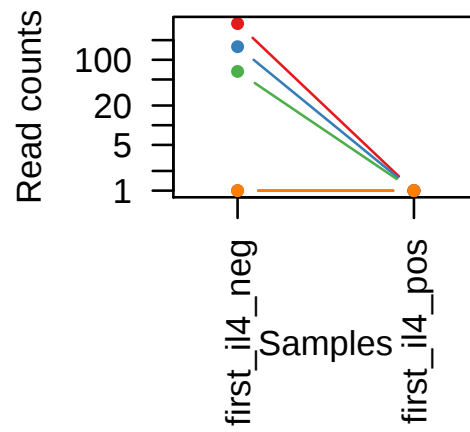
sgRNAs in Fcna



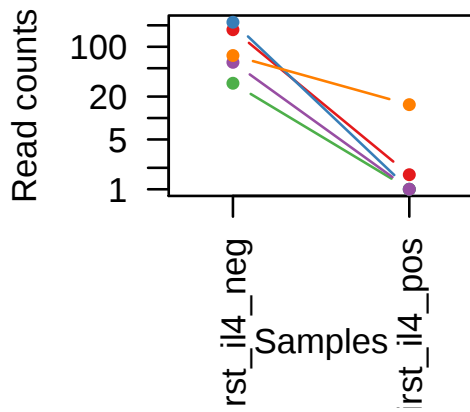
sgRNAs in Ryr1



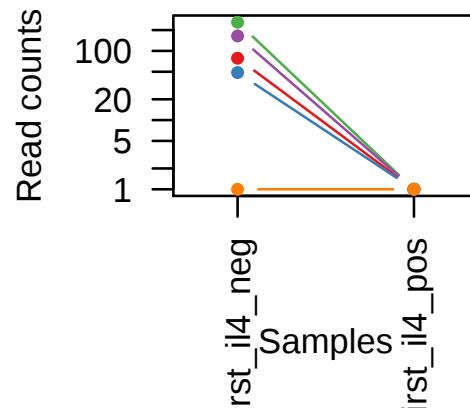
sgRNAs in Homer1



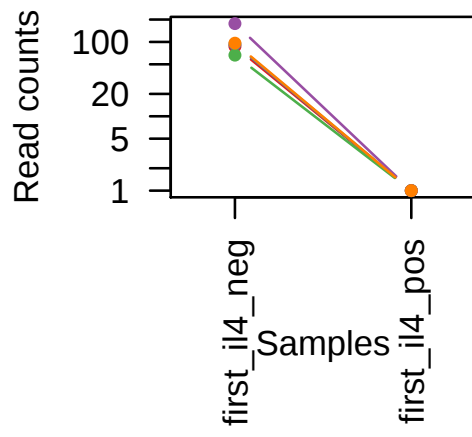
sgRNAs in Arglu1



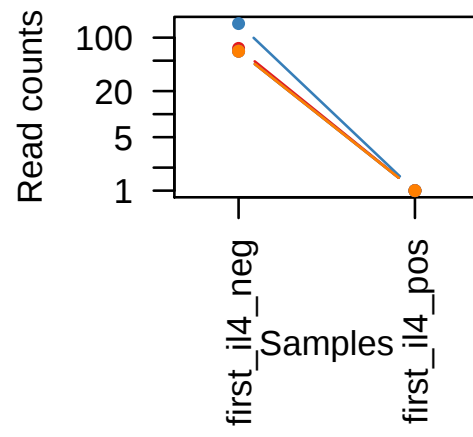
sgRNAs in Vmn1r214



sgRNAs in Ccdc112

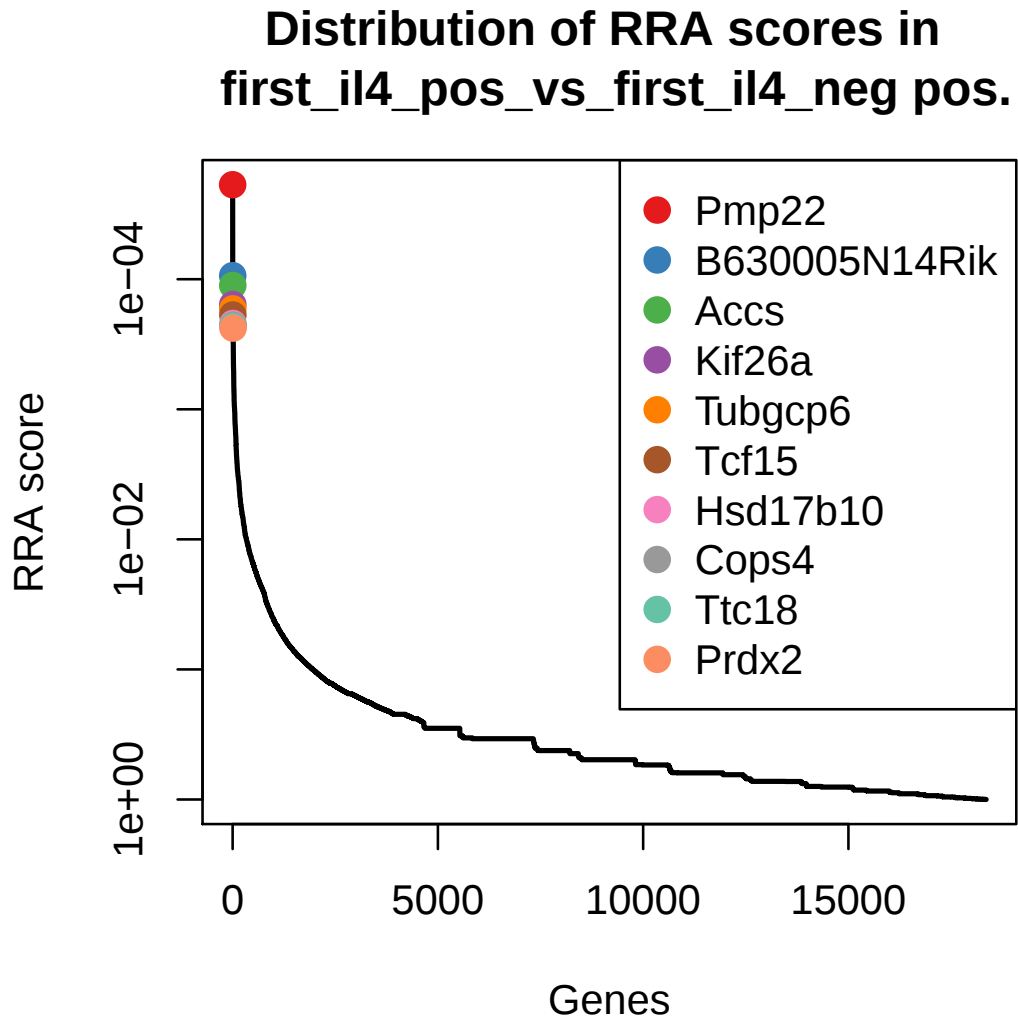


sgRNAs in Sbk2



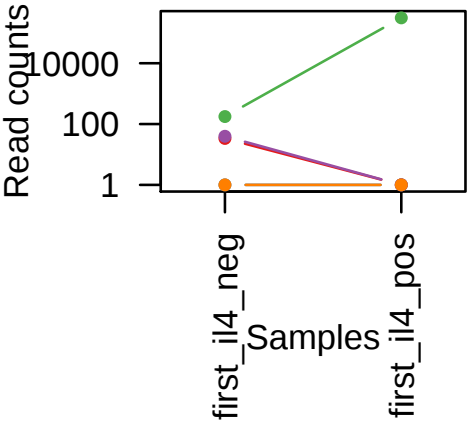
3 Comparison results of first il4 pos vs first il4 neg pos.

The following figure shows the distribution of RRA score in the comparison first il4 pos vs first il4 neg pos., and the RRA scores of 10 genes.

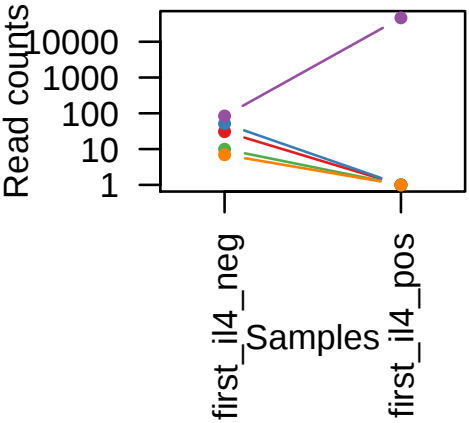


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

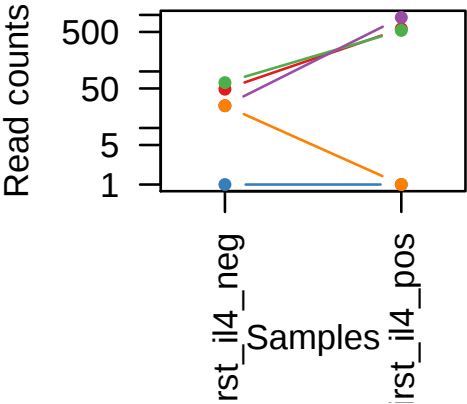
sgRNAs in Pmp22



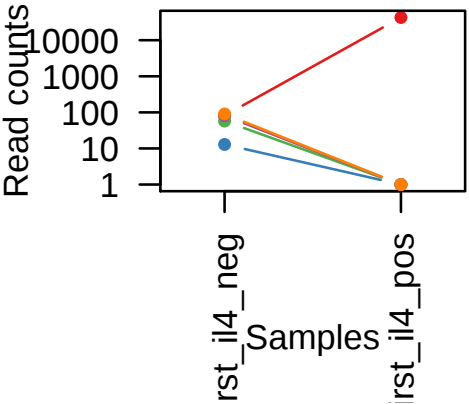
sgRNAs in B630005N14Ri



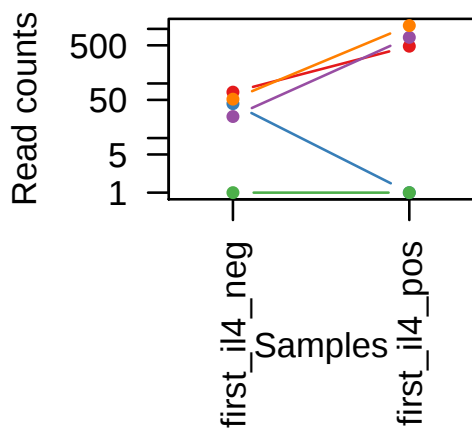
sgRNAs in Accs



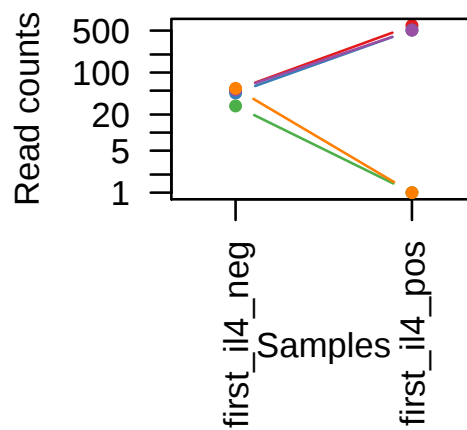
sgRNAs in Kif26a



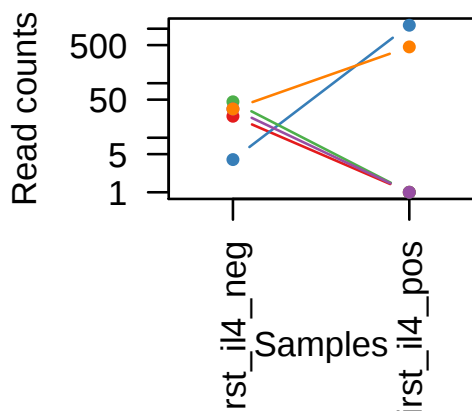
sgRNAs in Tubgcp6



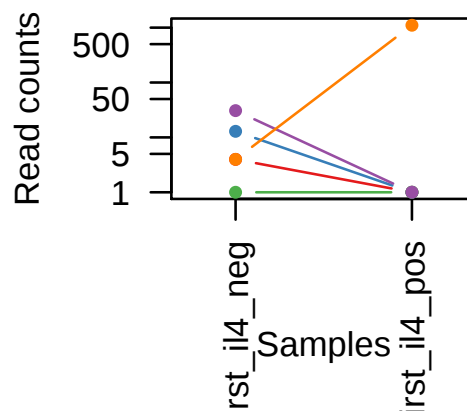
sgRNAs in Tcf15



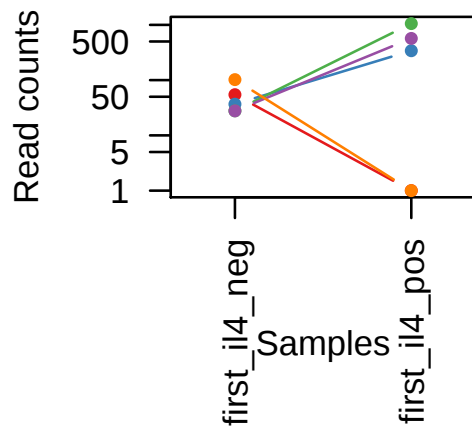
sgRNAs in Hsd17b10



sgRNAs in Cops4



sgRNAs in Ttc18



sgRNAs in Prdx2

