

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	sx2_STL_0_vs_sx2_STL_2 neg.	18387	negative	0	1	1
2	sx2_STL_0_vs_sx2_STL_2 pos.	18387	positive	0	0	0

Table 1: Summary of comparisons

The meanings of the columns are as follows.

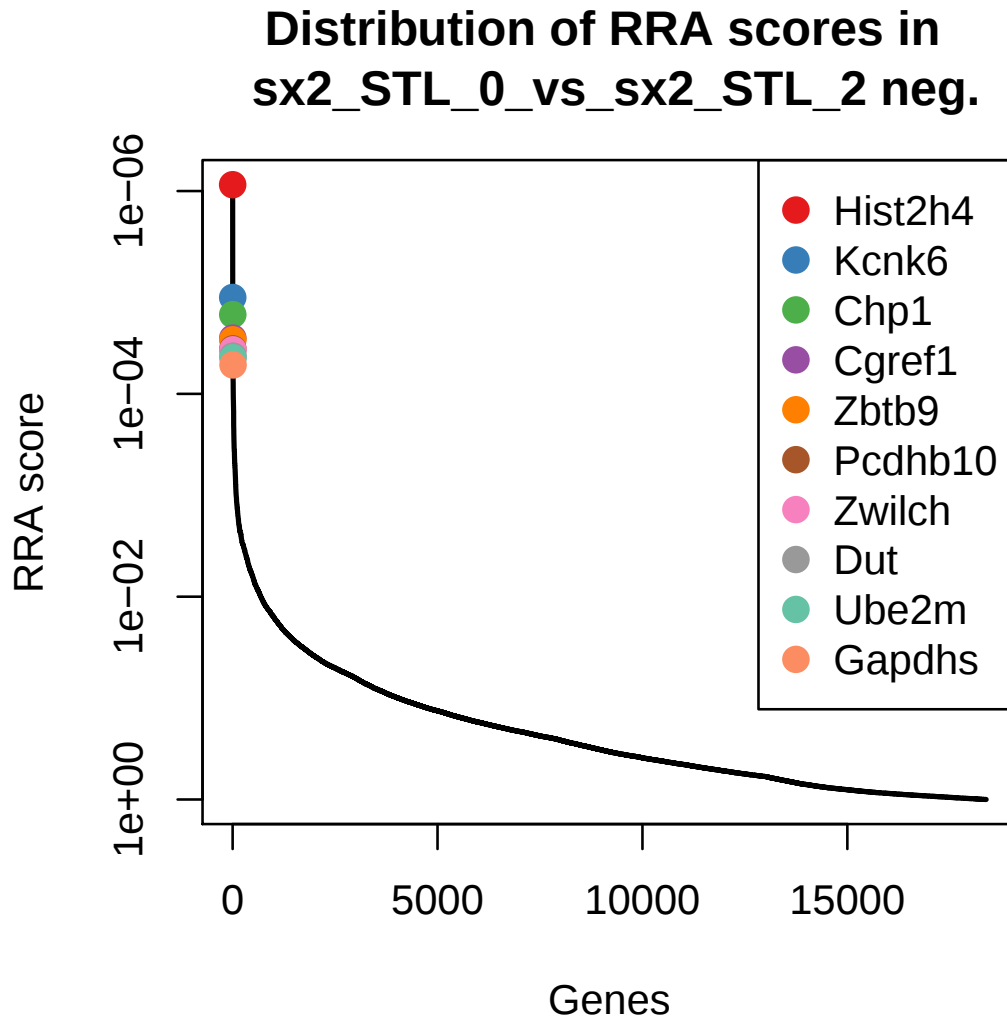
- **Comparison:** The label for comparisons;
- **Genes:** The number of genes in the library;
- **Selection:** The direction of selection, either positive selection or negative selection;
- **FDR1%:** The number of genes with $\text{FDR} < 1\%$;
- **FDR5%:** The number of genes with $\text{FDR} < 5\%$;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

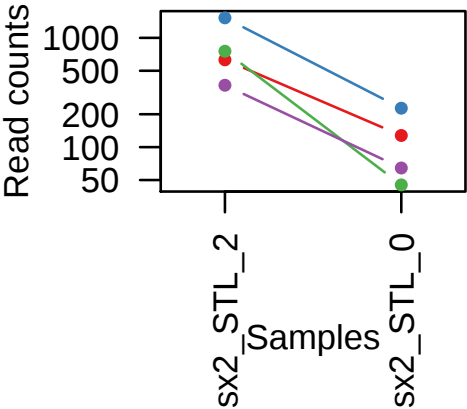
2 Comparison results of sx2 STL 0 vs sx2 STL 2 neg.

The following figure shows the distribution of RRA score in the comparison sx2 STL 0 vs sx2 STL 2 neg., and the RRA scores of 10 genes.

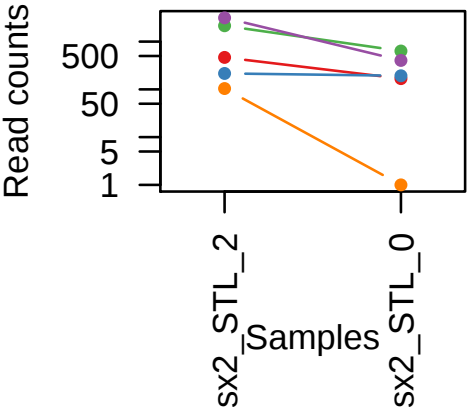


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

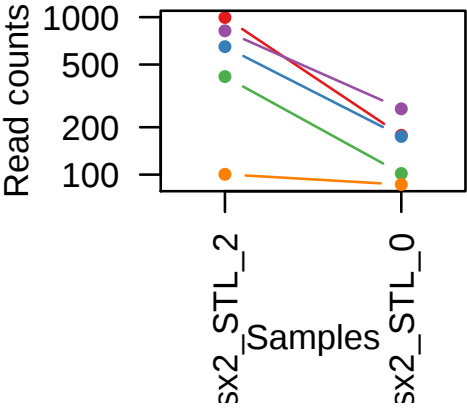
sgRNAs in Hist2h4



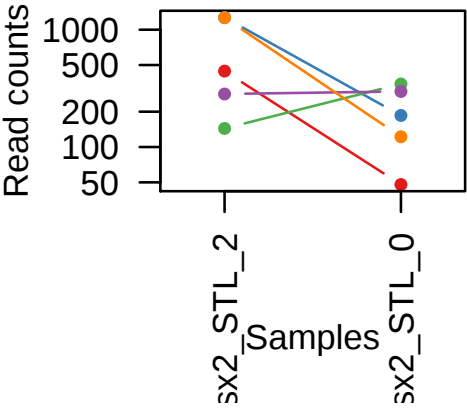
sgRNAs in Kcnk6



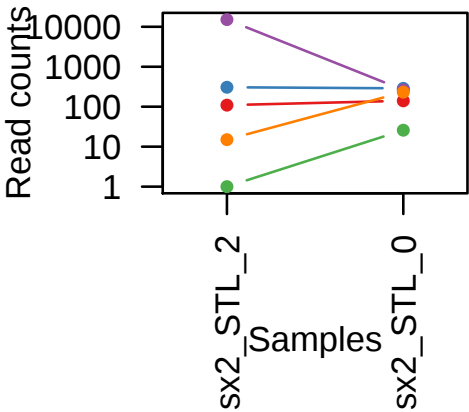
sgRNAs in Chp1



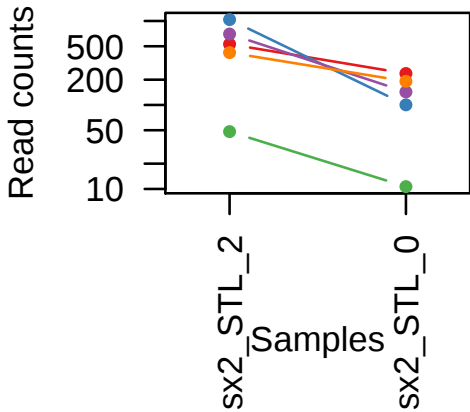
sgRNAs in Cgref1



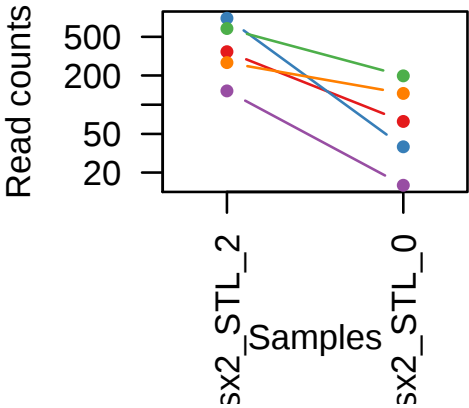
sgRNAs in Zbtb9



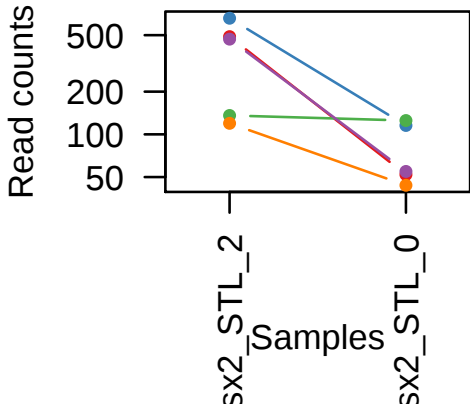
sgRNAs in Pcdhb10



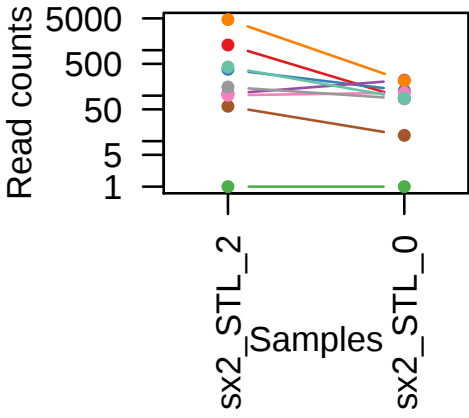
sgRNAs in Zwilch



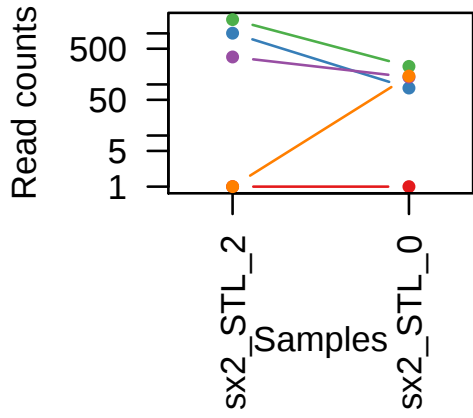
sgRNAs in Dut



sgRNAs in Ube2m

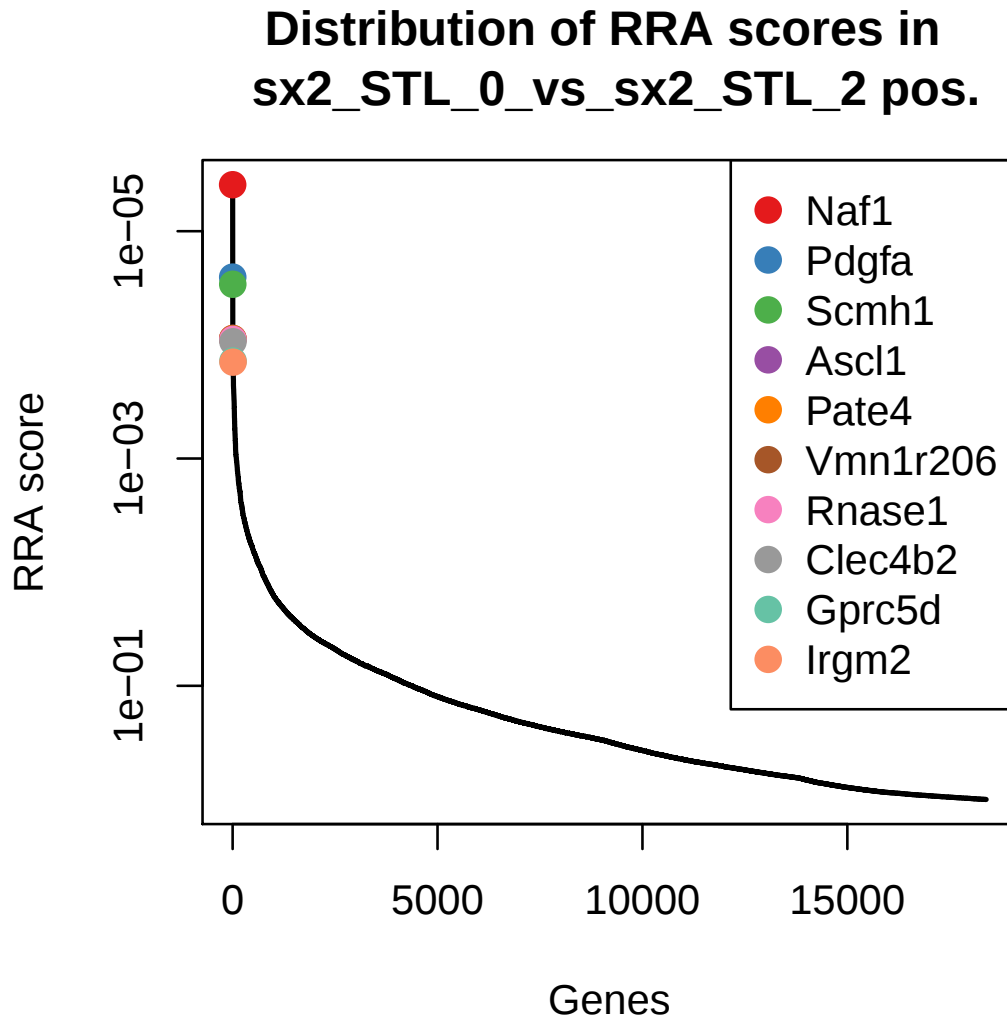


sgRNAs in Gapdhs



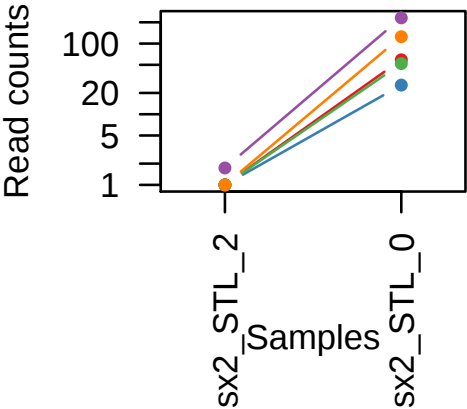
3 Comparison results of sx2 STL 0 vs sx2 STL 2 pos.

The following figure shows the distribution of RRA score in the comparison sx2 STL 0 vs sx2 STL 2 pos., and the RRA scores of 10 genes.

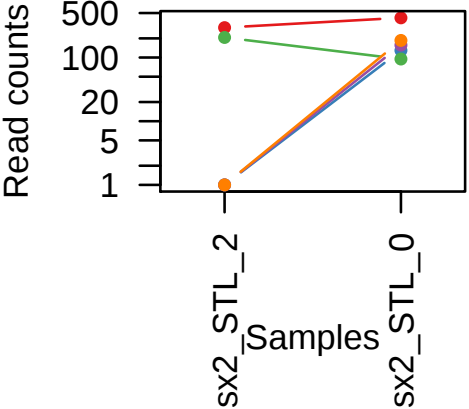


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

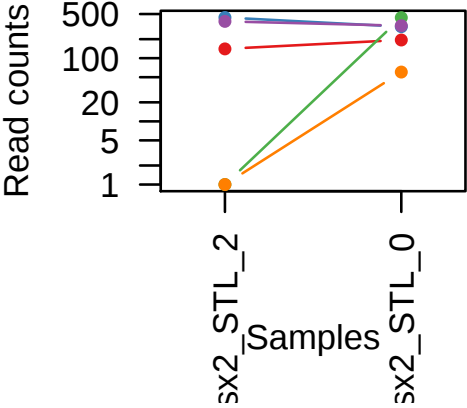
sgRNAs in Naf1



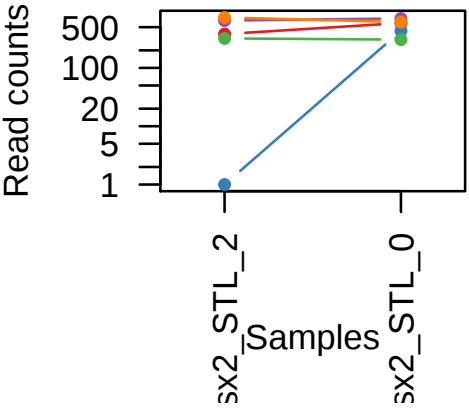
sgRNAs in Pdgfa



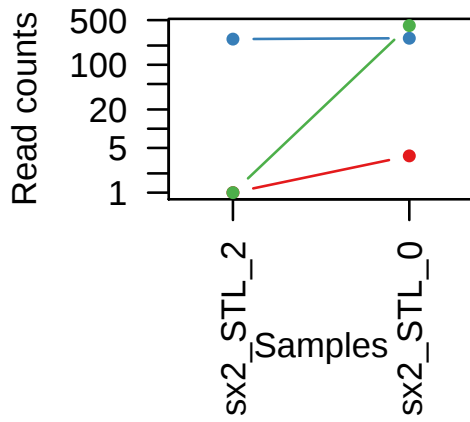
sgRNAs in Scmh1



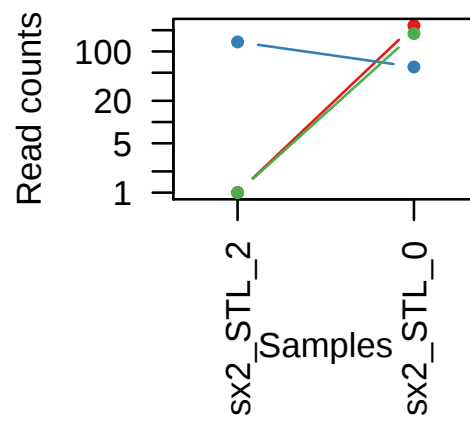
sgRNAs in Ascl1



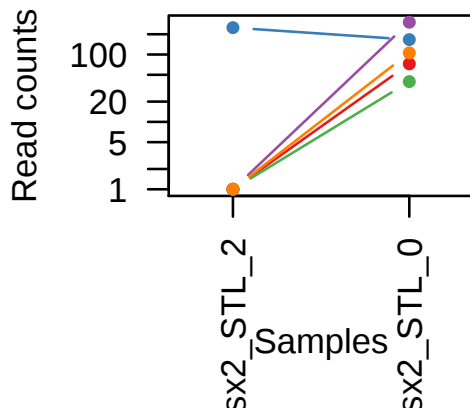
sgRNAs in Pate4



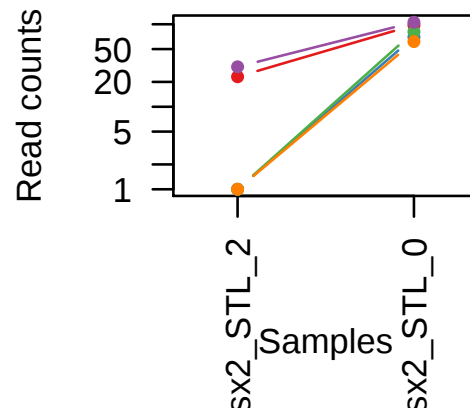
sgRNAs in Vmn1r206



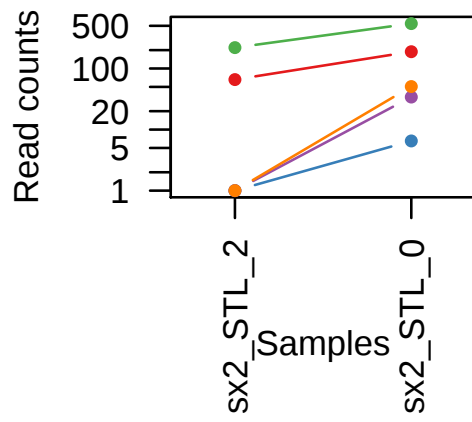
sgRNAs in Rnase1



sgRNAs in Clec4b2



sgRNAs in Gprc5d



sgRNAs in Irgm2

