

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	fxn_2_vs_rest neg.	19280	negative	0	0	0
2	fxn_2_vs_rest pos.	19280	positive	0	0	3

Table 1: Summary of comparisons

The meanings of the columns are as follows.

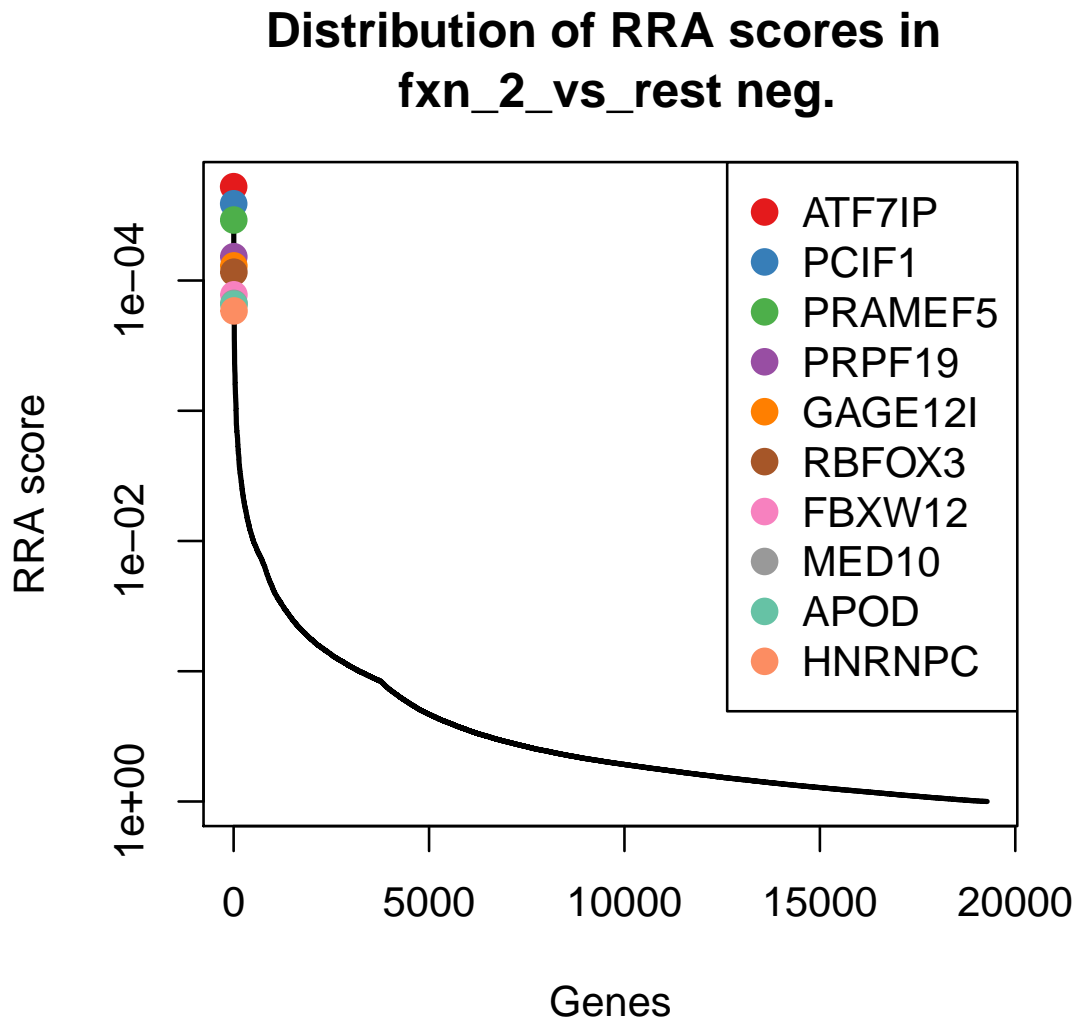
- **Comparison:** The label for comparisons;
- **Genes:** The number of genes in the library;
- **Selection:** The direction of selection, either positive selection or negative selection;
- **FDR1%:** The number of genes with $\text{FDR} < 1\%$;
- **FDR5%:** The number of genes with $\text{FDR} < 5\%$;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

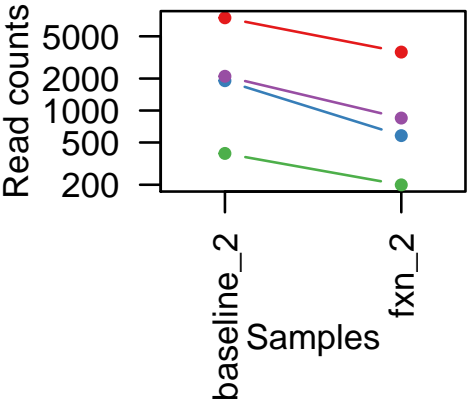
2 Comparison results of fxn 2 vs rest neg.

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

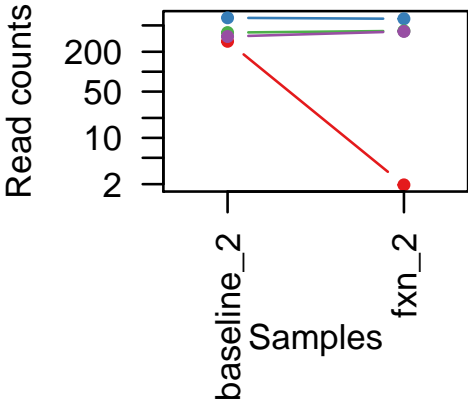


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

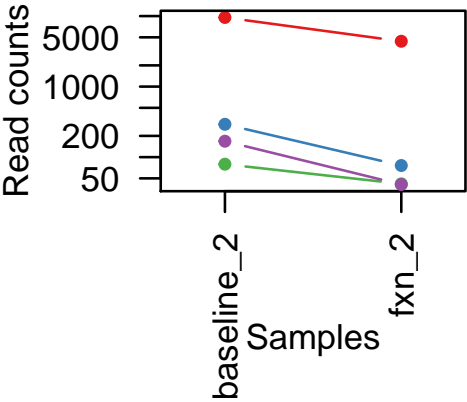
sgRNAs in ATF7IP



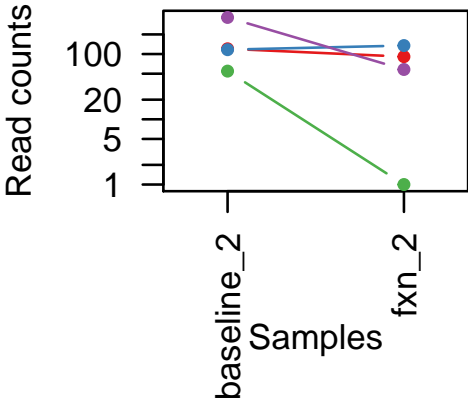
sgRNAs in PCIF1



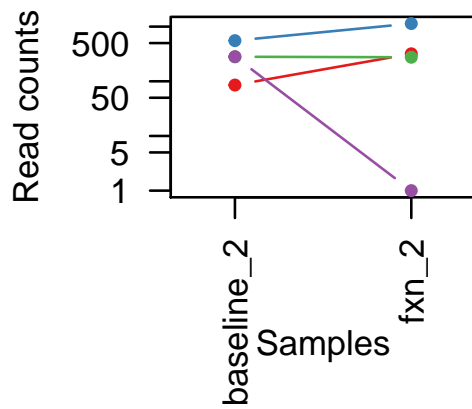
sgRNAs in PRAMEF5



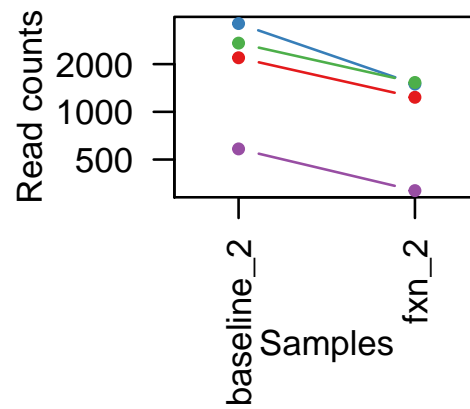
sgRNAs in PRPF19



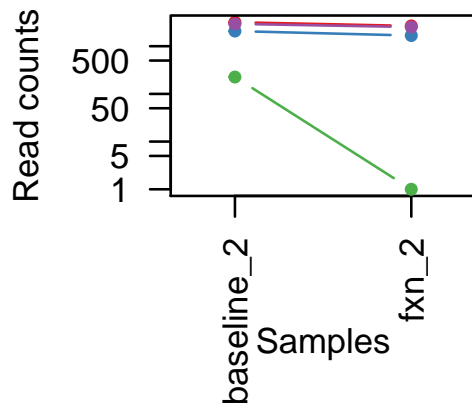
sgRNAs in GAGE12I



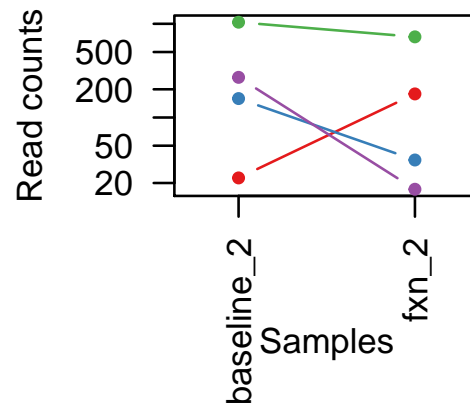
sgRNAs in RBFOX3



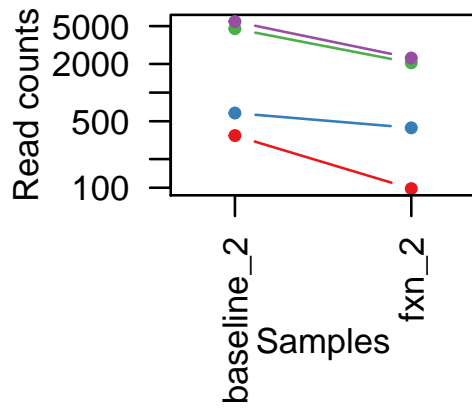
sgRNAs in FBXW12



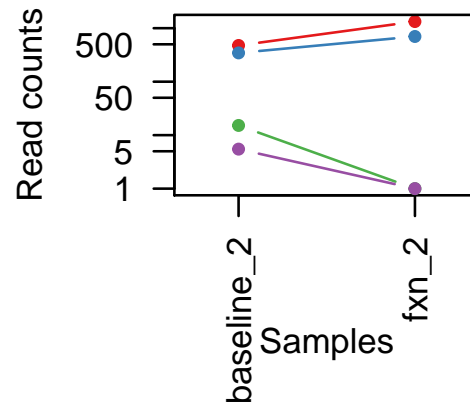
sgRNAs in MED10



sgRNAs in APOD

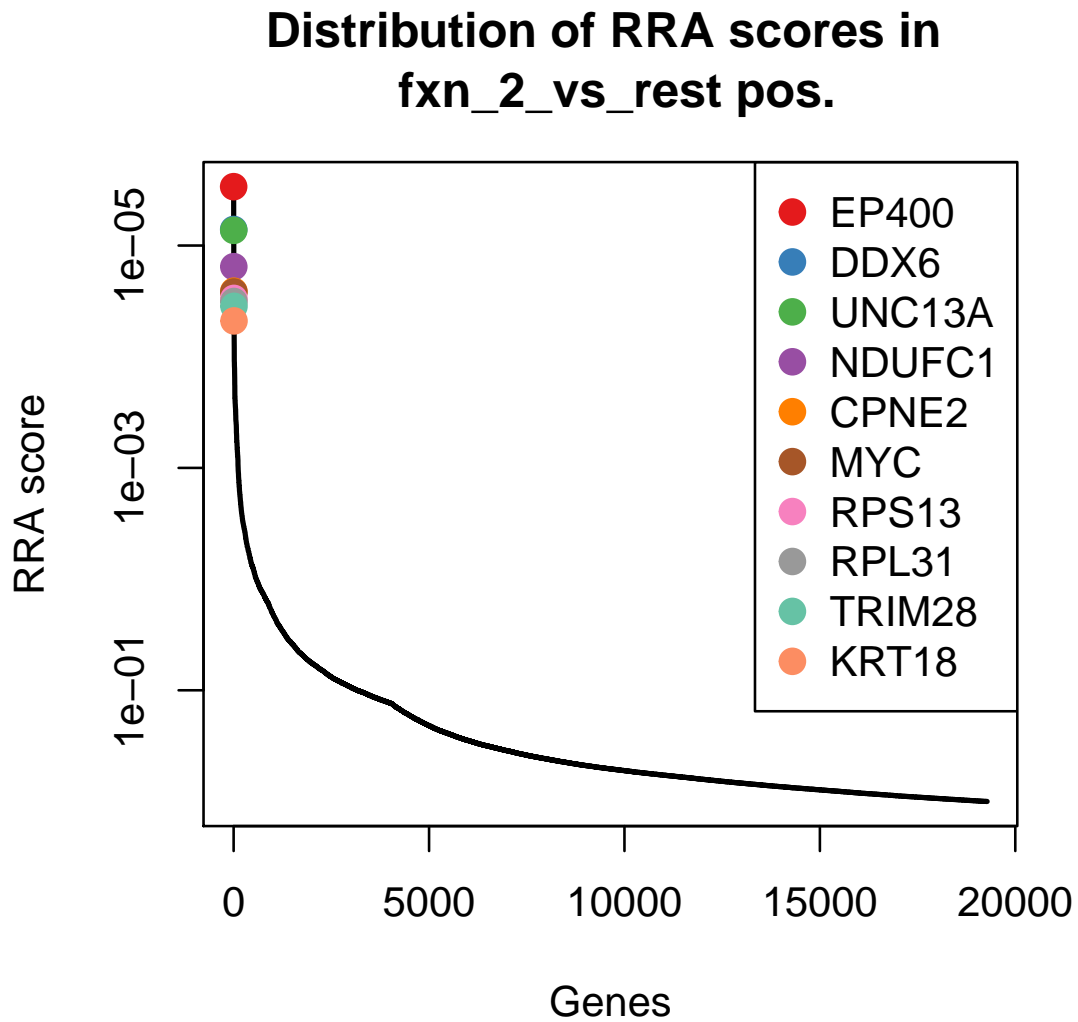


sgRNAs in HNRNPC



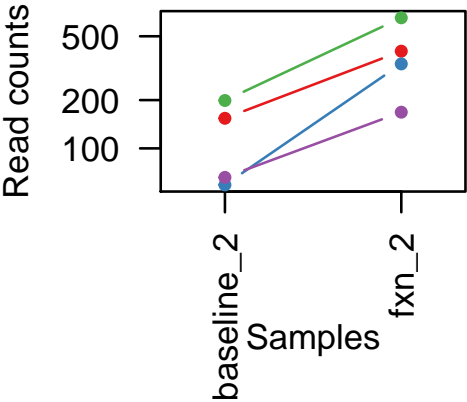
3 Comparison results of fxn 2 vs rest pos.

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

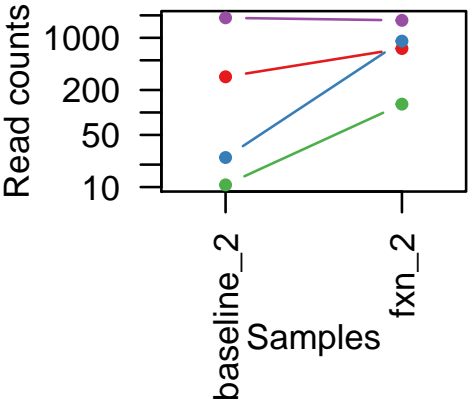


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

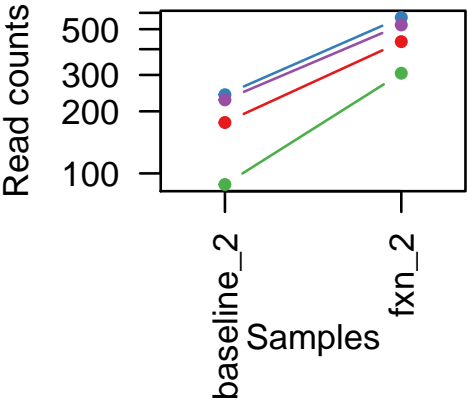
sgRNAs in EP400



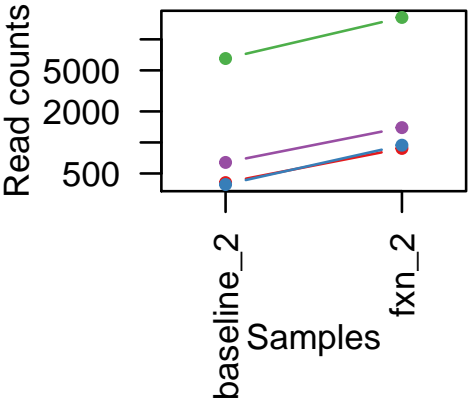
sgRNAs in DDX6



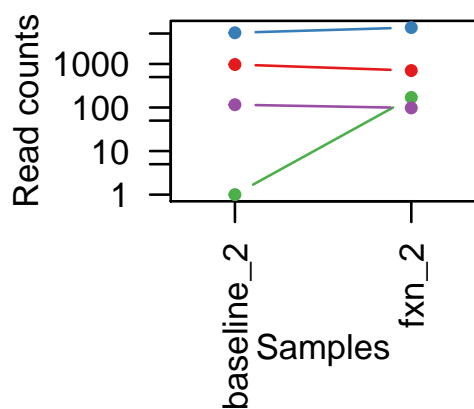
sgRNAs in UNC13A



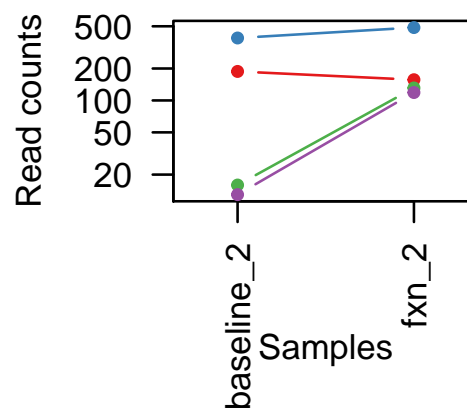
sgRNAs in NDUFC1



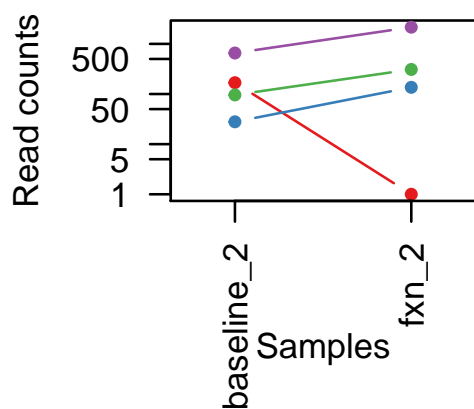
sgRNAs in CPNE2



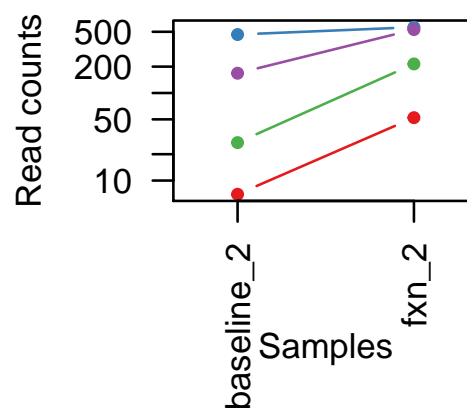
sgRNAs in MYC



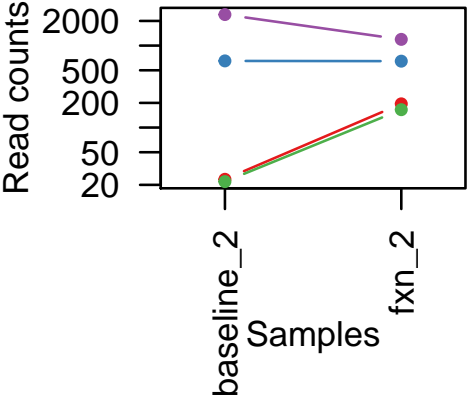
sgRNAs in RPS13



sgRNAs in RPL31



sgRNAs in TRIM28



sgRNAs in KRT18

