

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	HL60_final,KBM7_final_vs_HL60_initial,KBM7_initial neg.	100	negative	0	2	9
2	HL60_final,KBM7_final_vs_HL60_initial,KBM7_initial pos.	100	positive	0	0	1

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 FDR < 1%;
- **FDR5%:** The number of genes with FDR < 5%;
- **FDR25%:** The number of genes with FDR < 25%;

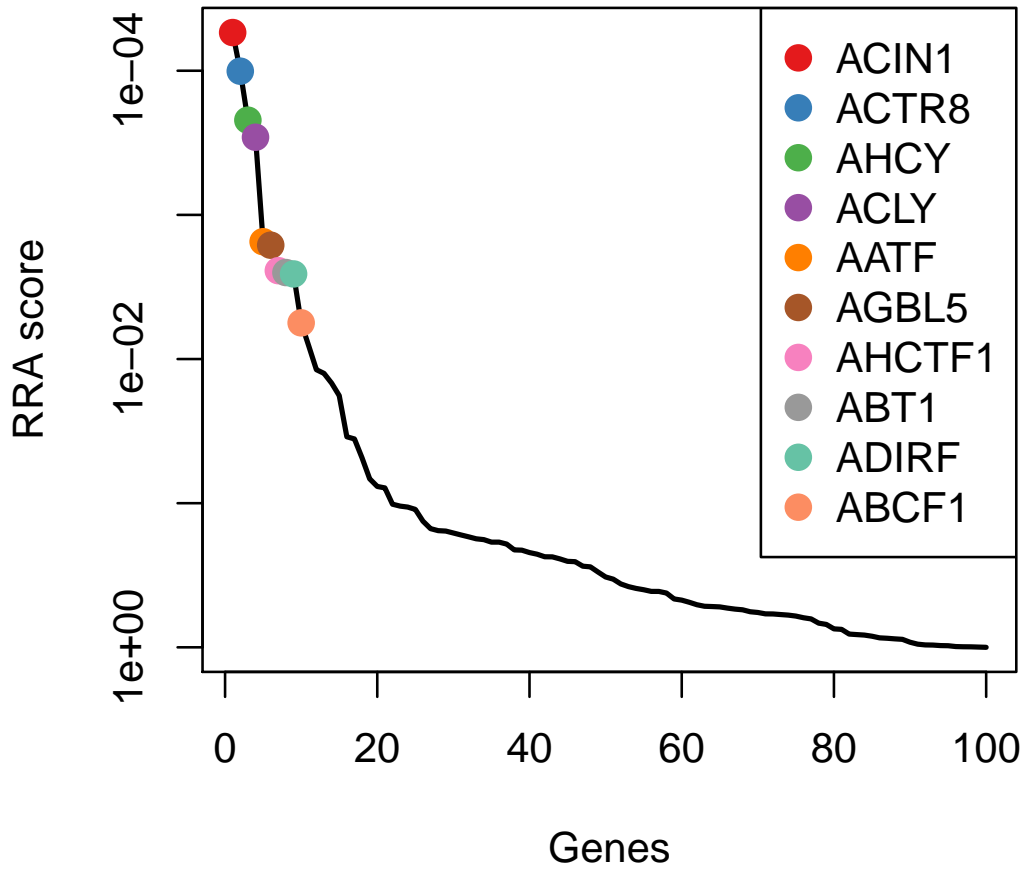
The following figures show:

- 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 HL60 final,KBM7 final vs HL60 initial,KBM7 initial neg.

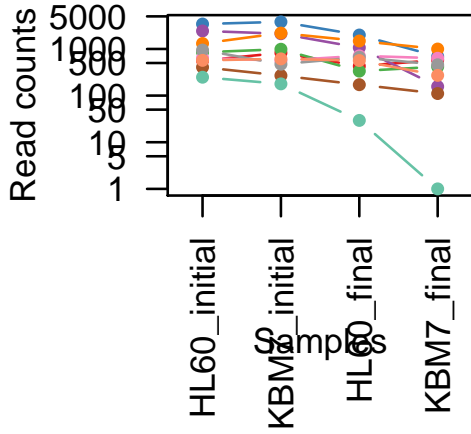
The following figure shows the distribution of RRA score in the comparison HL60 final,KBM7 final vs HL60 initial,KBM7 initial neg., and the RRA scores of 10 genes.

**Distribution of RRA scores in
L60_final,KBM7_final_vs_HL60_initial,KBM7_initi**

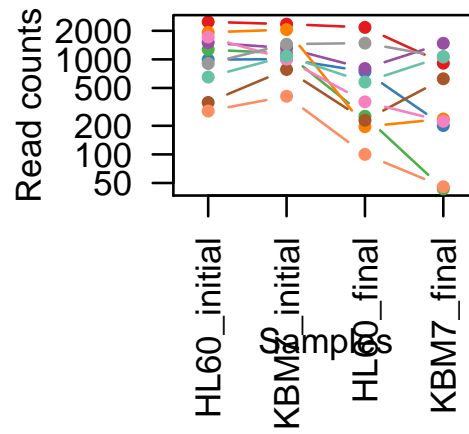


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

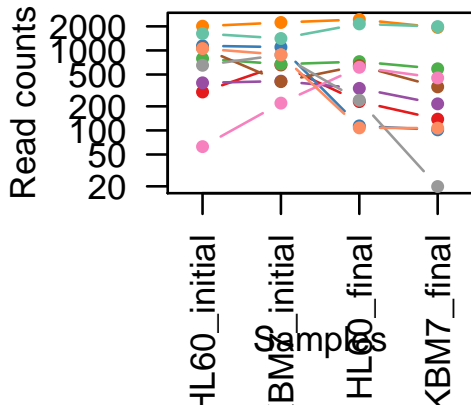
sgRNAs in ACIN1



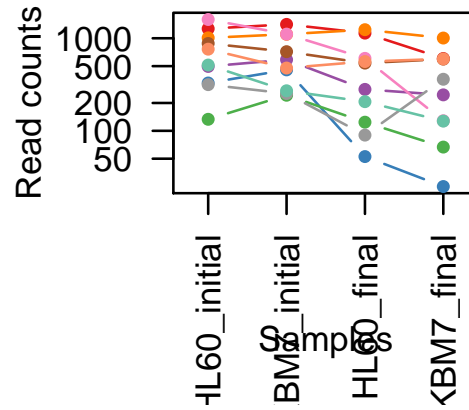
sgRNAs in ACTR8



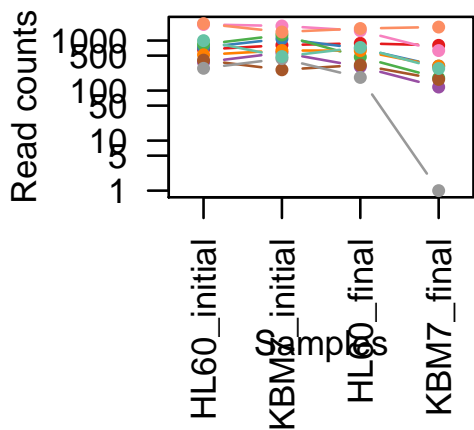
sgRNAs in AHCY



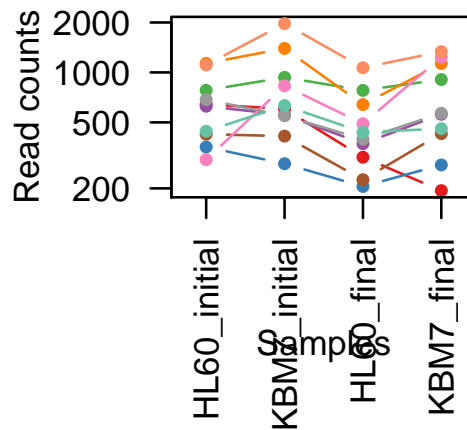
sgRNAs in ACLY



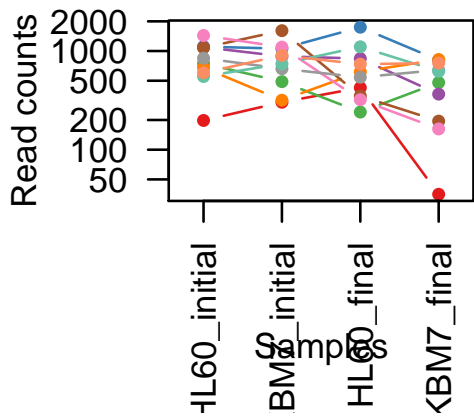
sgRNAs in AATF



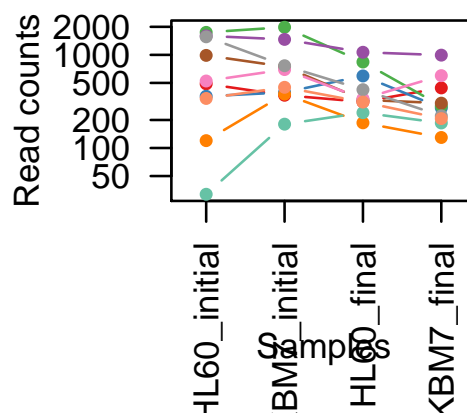
sgRNAs in AGLB5



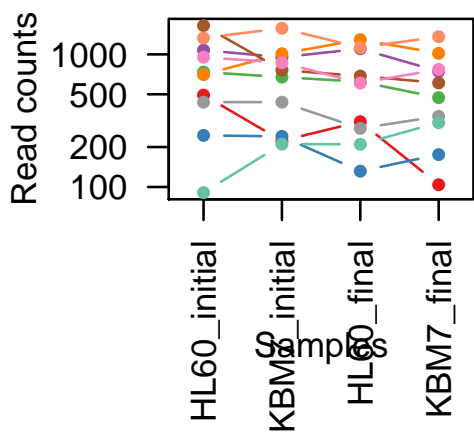
sgRNAs in AHCTF1



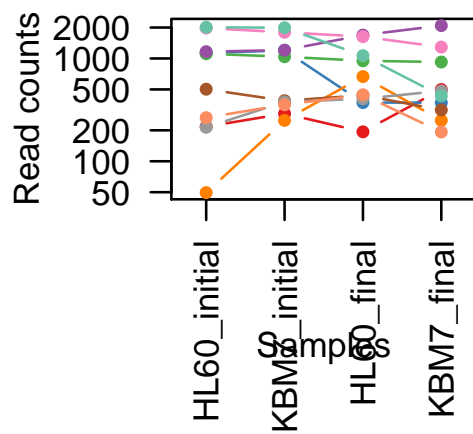
sgRNAs in ABT1



sgRNAs in ADIRF



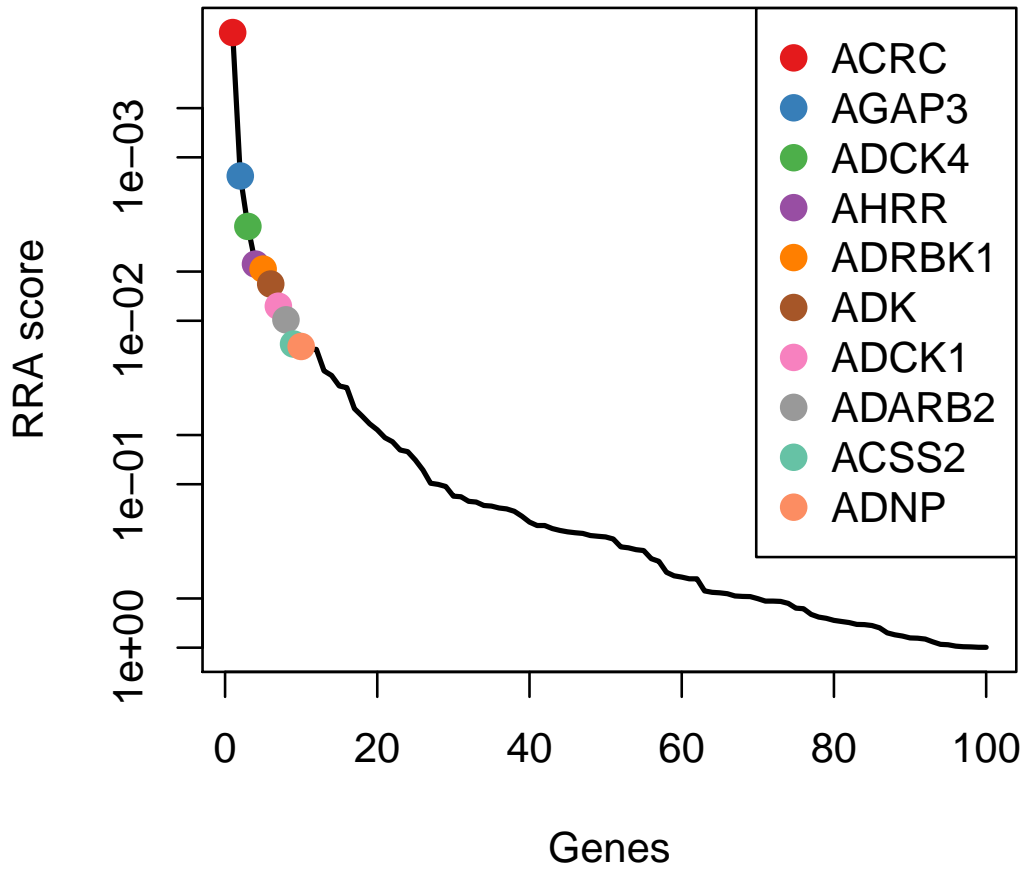
sgRNAs in ABCF1



3 Comparison results of HL60 final,KBM7 final vs HL60 initial,KBM7 initial pos.

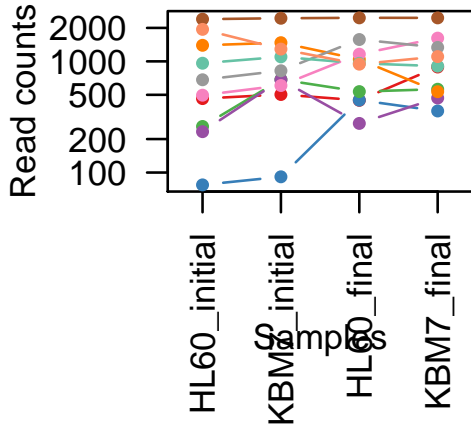
The following figure shows the distribution of RRA score in the comparison HL60 final,KBM7 final vs HL60 initial,KBM7 initial pos., and the RRA scores of 10 genes.

Distribution of RRA scores in L60_final,KBM7_final_vs_HL60_initial,KBM7_initi

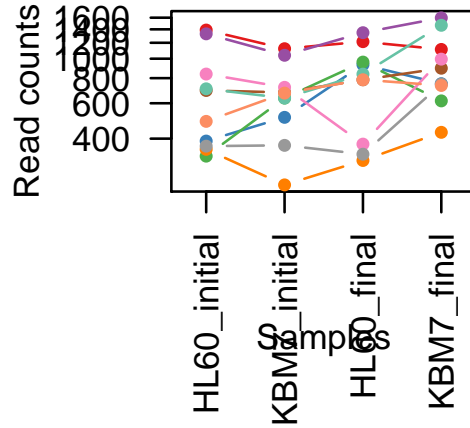


The following figures show the distribution of sgRNA read counts (normalized) of selected genes in selected samples.

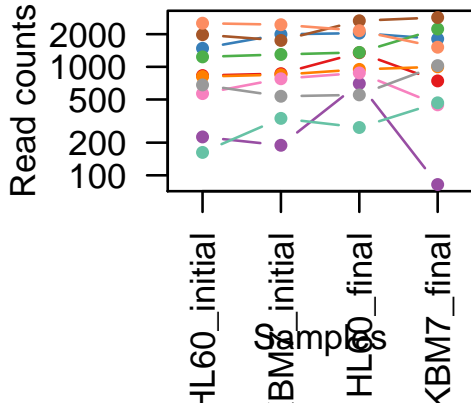
sgRNAs in ACRC



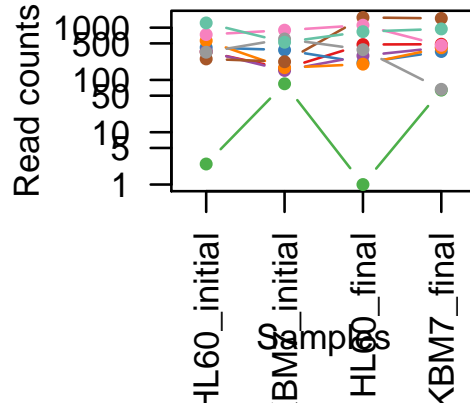
sgRNAs in AGAP3



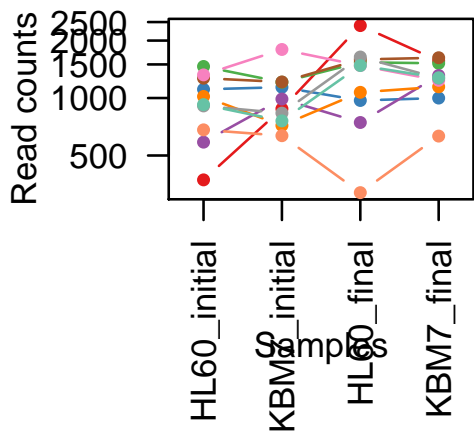
sgRNAs in ADCK4



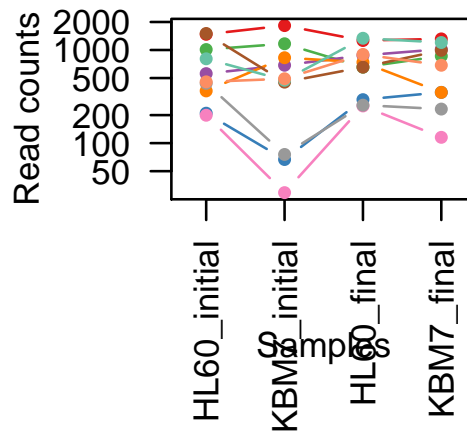
sgRNAs in AHRR



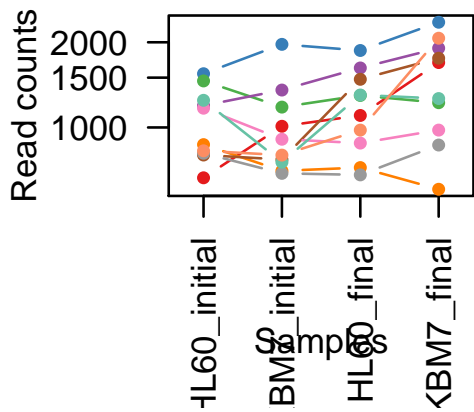
sgRNAs in ADRBK1



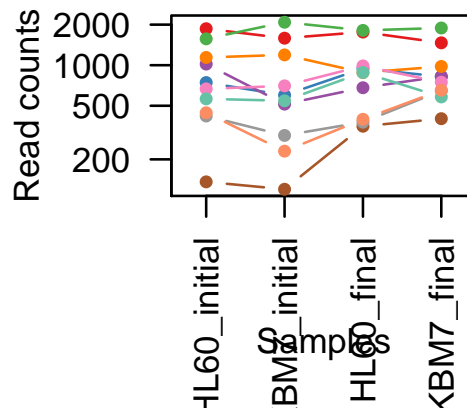
sgRNAs in ADK



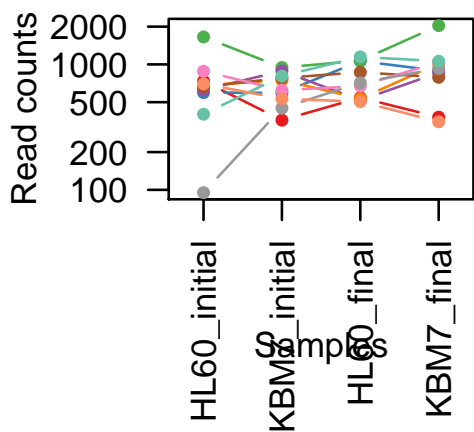
sgRNAs in ADCK1



sgRNAs in ADARB2



sgRNAs in ACSS2



sgRNAs in ADNP

