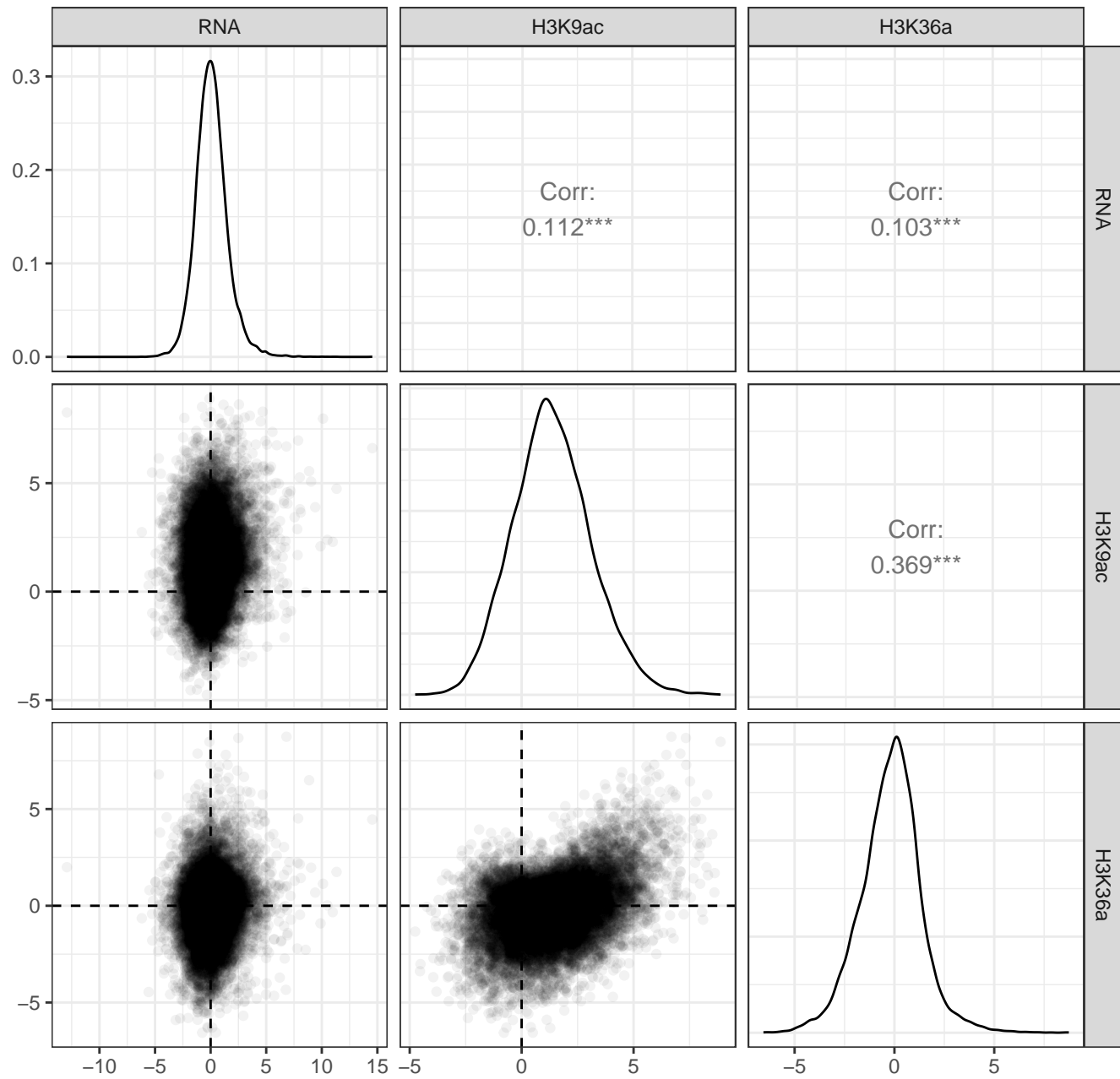
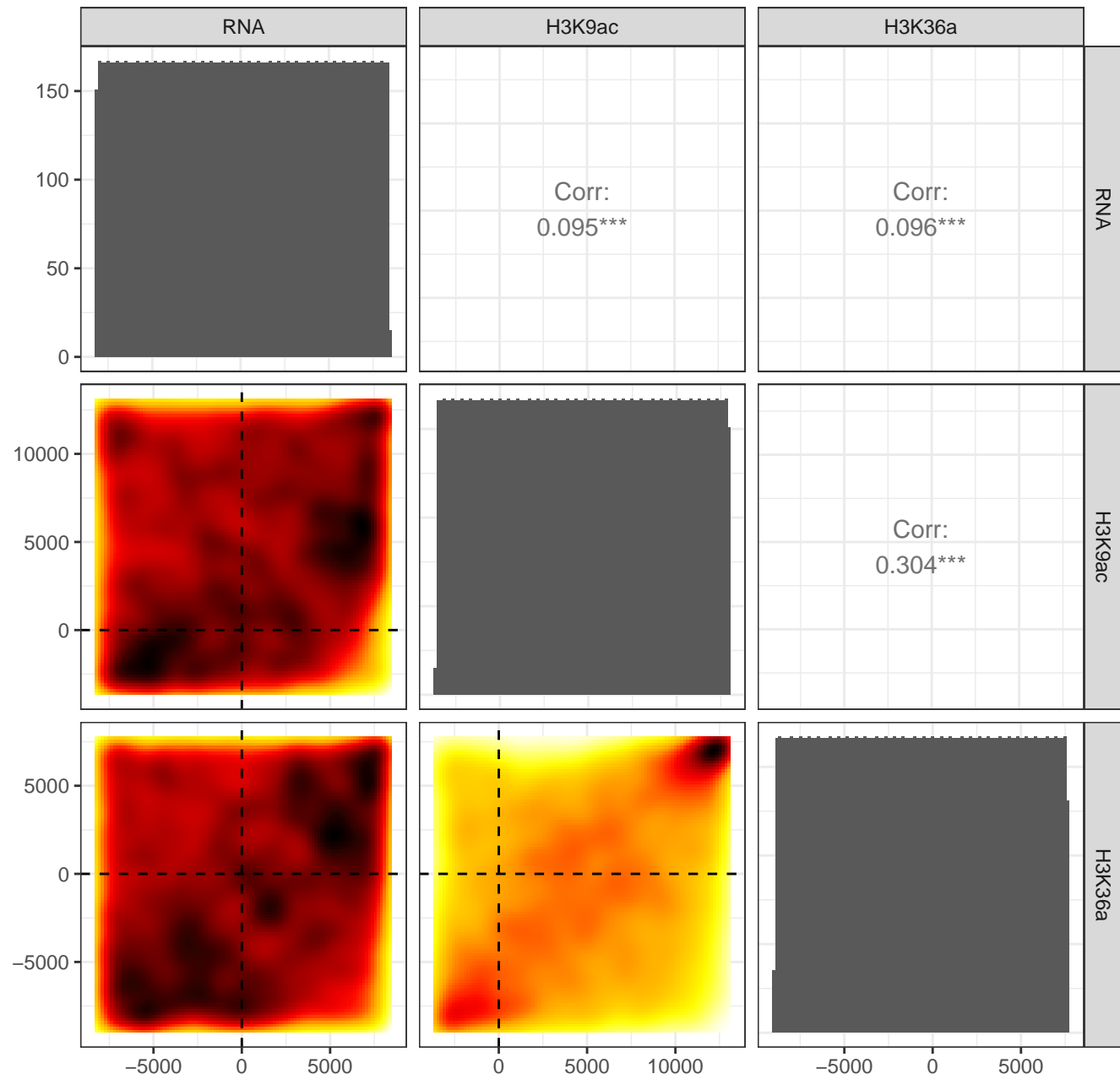


Scatterplot of all genes

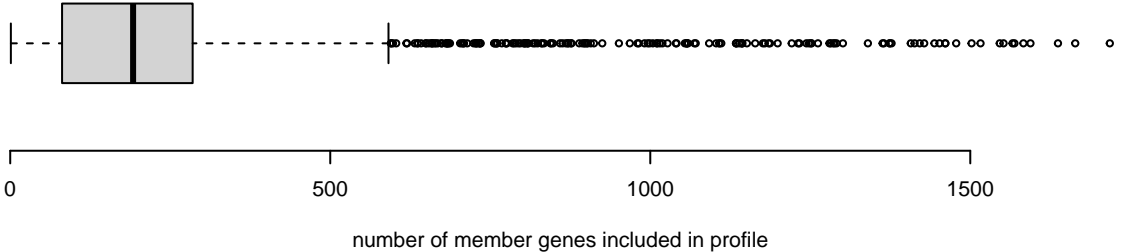


Contour plot of all genes after ranking

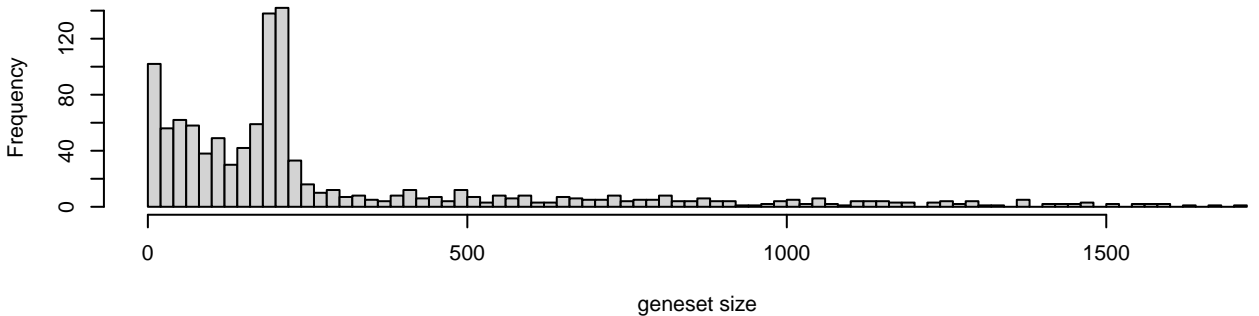


	RNA	H3K9ac	H3K36a	Number of genes in each sector
1	-1	-1	-1	1301
2	1	-1	-1	1057
3	-1	1	-1	3386
4	1	1	-1	3188
5	-1	1	0	1
6	-1	-1	1	759
7	1	-1	1	473
8	-1	0	1	1
9	-1	1	1	2769
10	0	1	1	1
11	1	1	1	3695

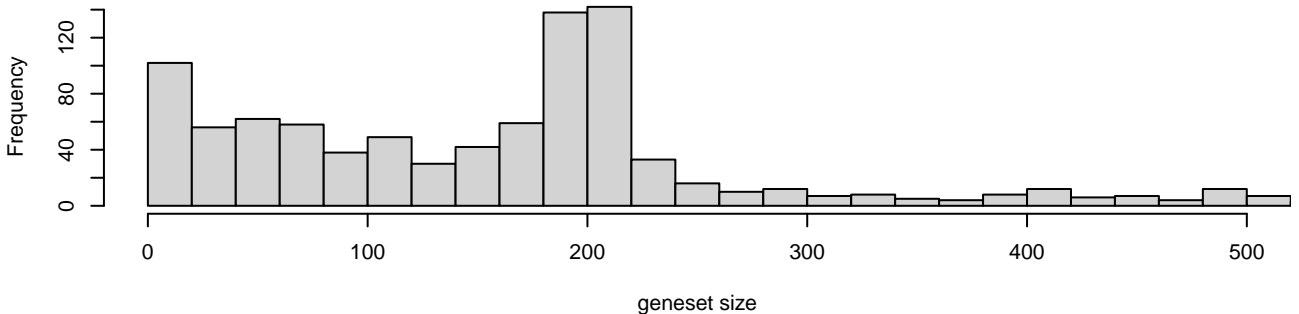
Gene set size



Histogram of geneset size

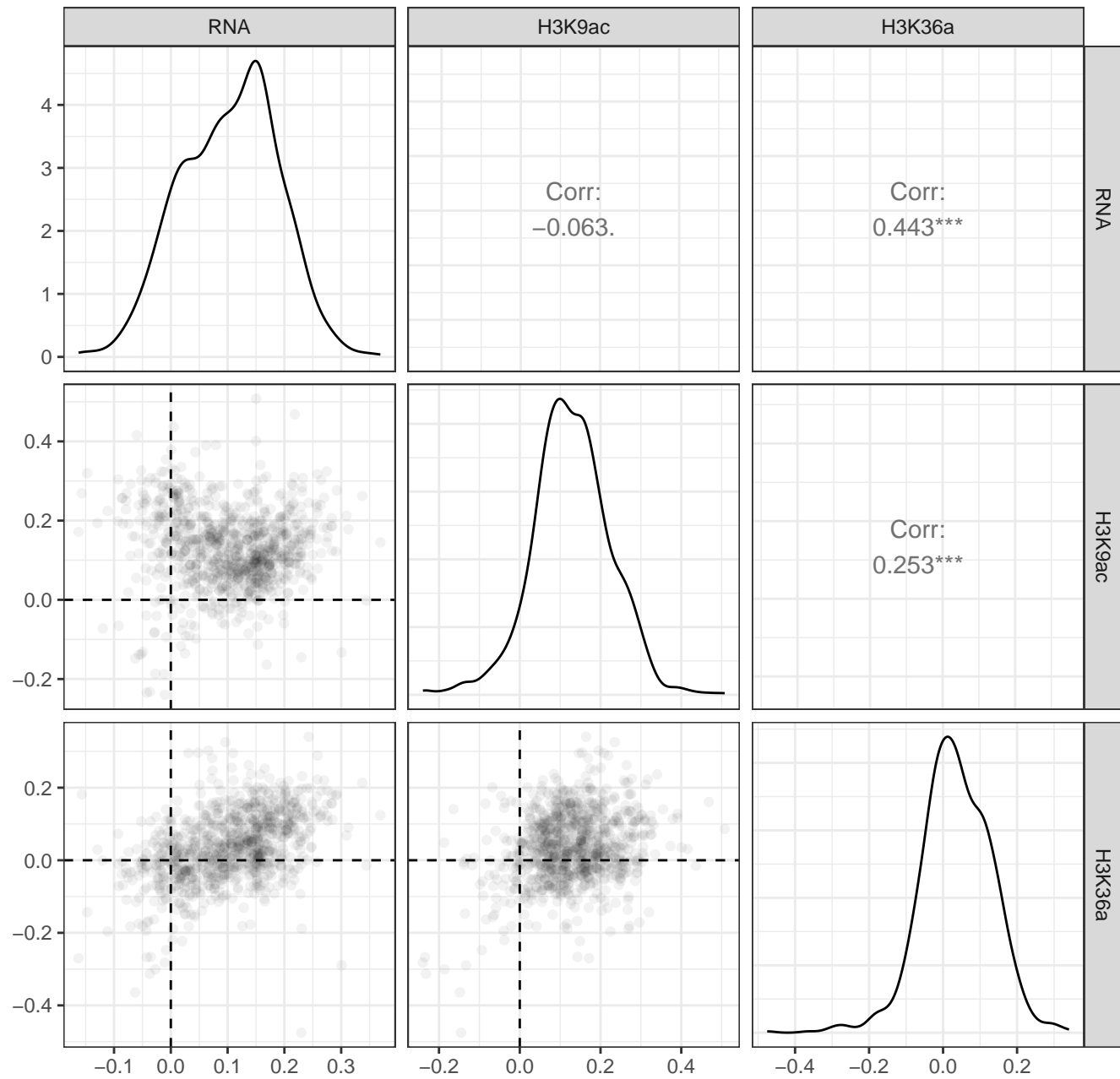


Trimmed histogram of geneset size

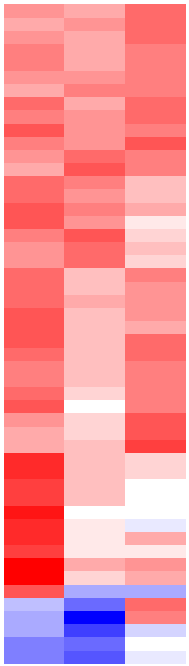
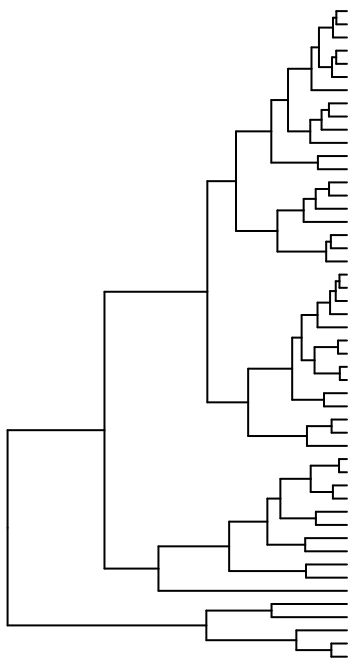
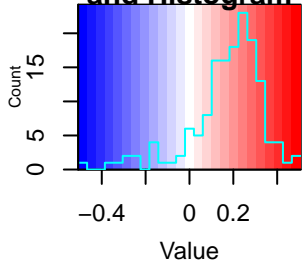


	s.RNA	s.H3K9ac	s.H3K36a	Number of gene sets in each sector
1	-1	-1	-1	9
2	1	-1	-1	25
3	-1	1	-1	56
4	1	1	-1	192
5	-1	-1	1	1
6	1	-1	1	18
7	-1	1	1	30
8	1	1	1	508

Scatterplot of all genesets; FDR<0.05 in red



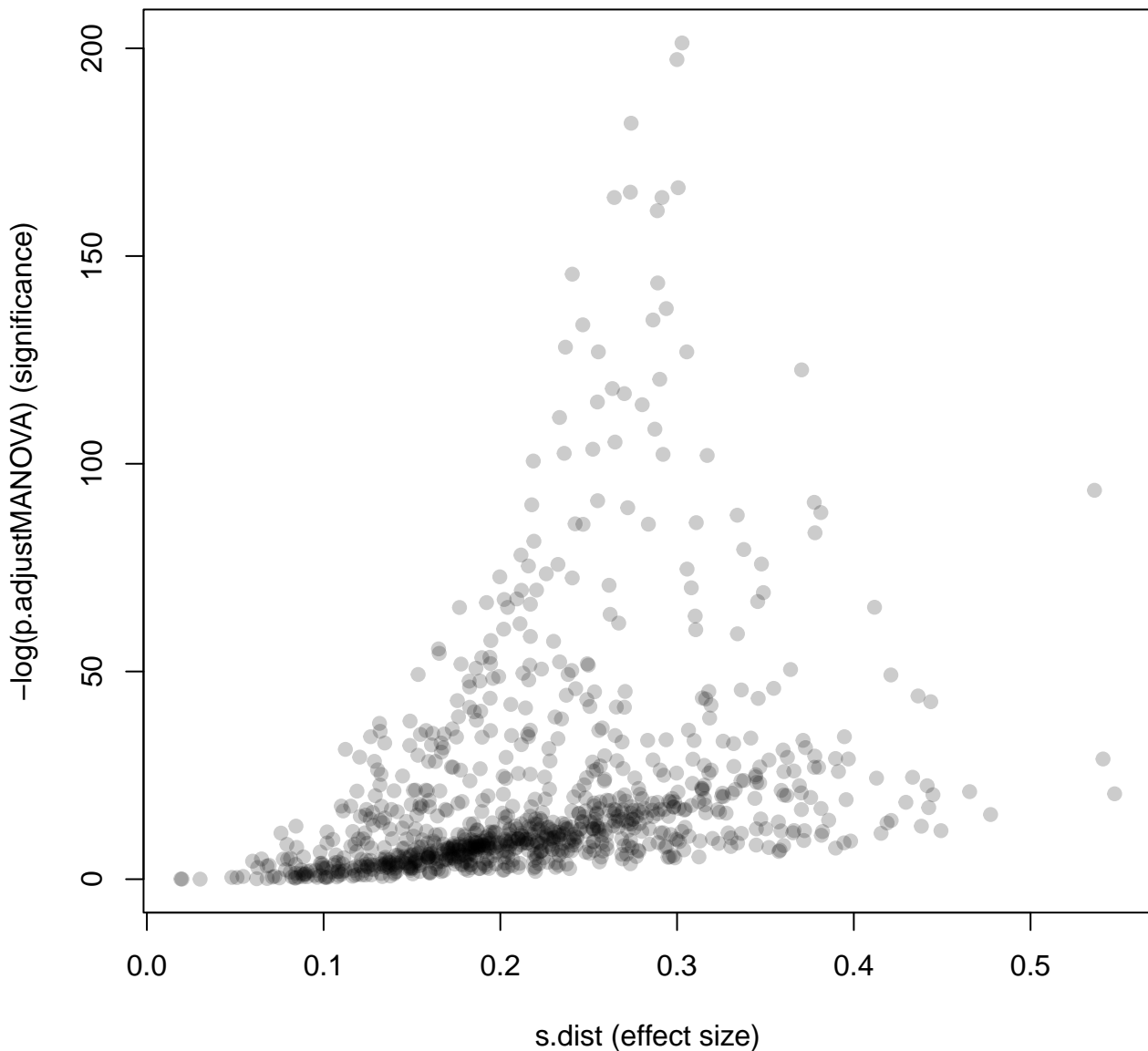
Color Key and Histogram



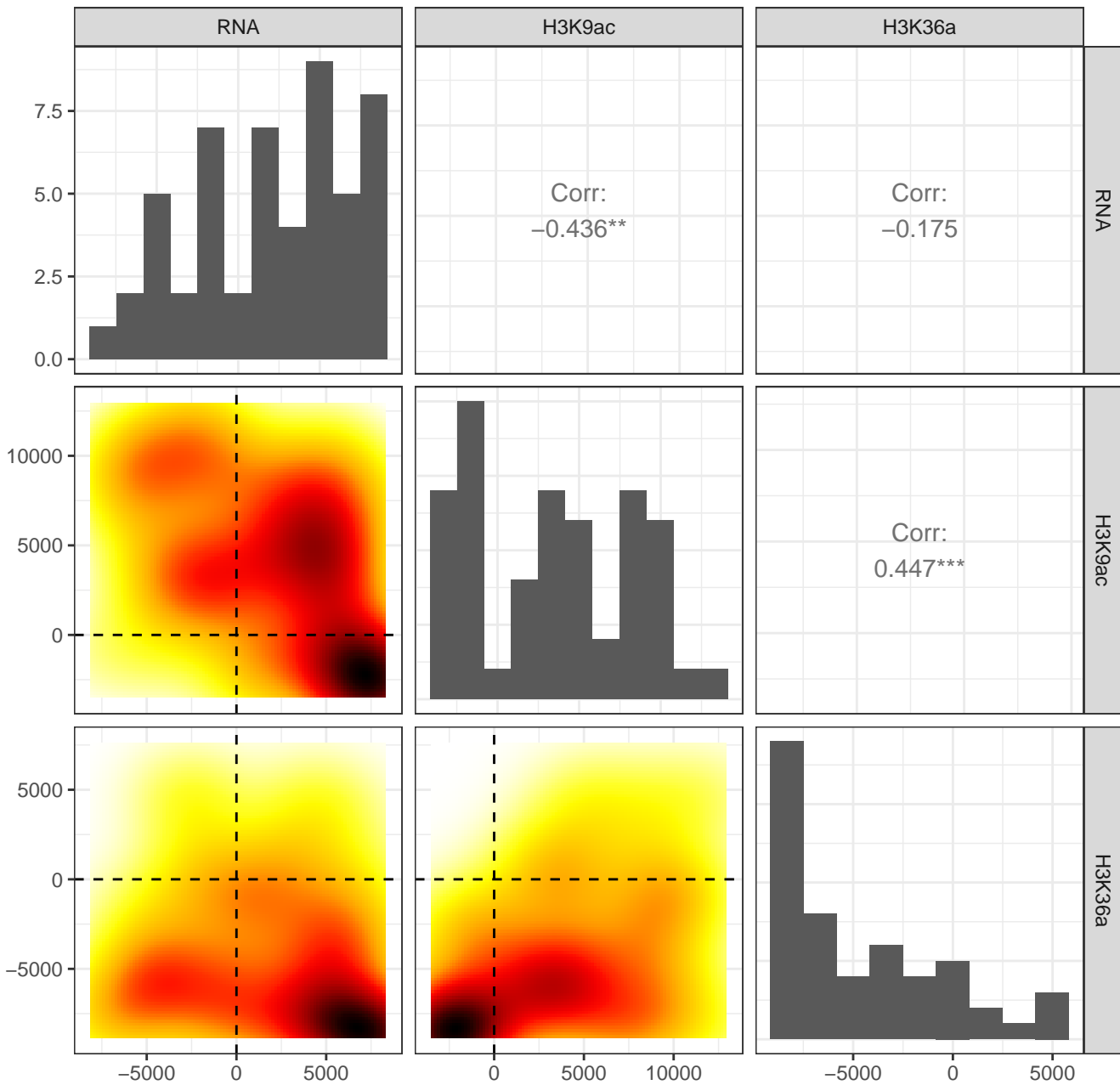
- CCAWWNAAGG SRF Q4
- E4BP4 01
- PAX3 B
- TAXCREB 01
- KCCGNSWTTT UNKNOWN
- PR 02
- EMX1 TARGET GENES
- HSF2 TARGET GENES
- TAAWWATAG RSRFC4 Q2
- MEF2 02
- TFCP2 TARGET GENES
- CCAATNNSNNGCG UNKNOWN
- RRCCGTTA UNKNOWN
- HSF2 01
- TAANNYSGCG UNKNOWN
- ATF6 01
- YRTCANNRCGC UNKNOWN
- GTF2E2 TARGET GENES
- DLX6 TARGET GENES
- RAX2 TARGET GENES
- GTF2A2 TARGET GENES
- PSMB5 TARGET GENES
- DROSHA TARGET GENES
- ZNF16 TARGET GENES
- PBXIP1 TARGET GENES

H3K9ac
H3K36a
RNA

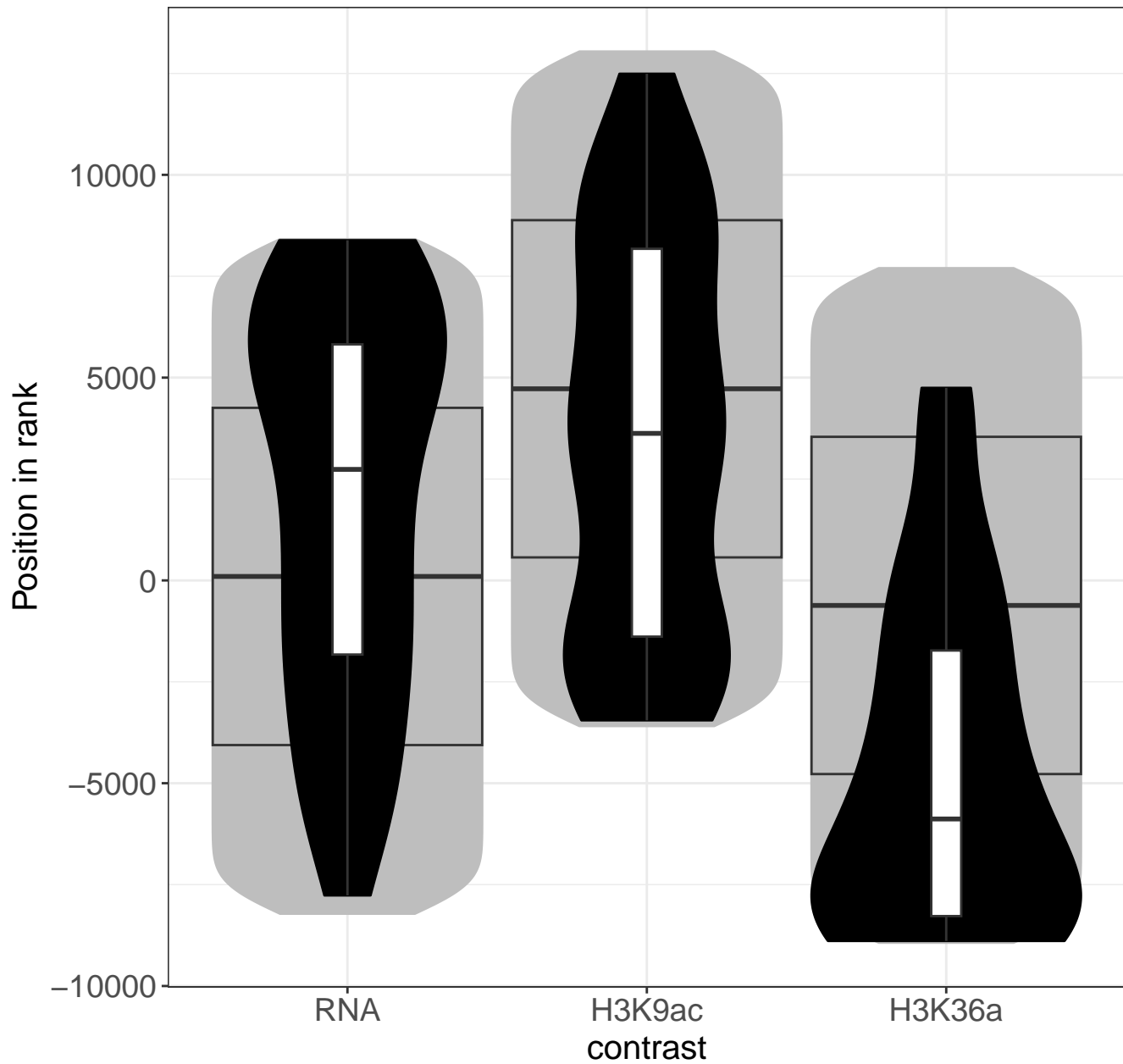
effect size versus statistical significance



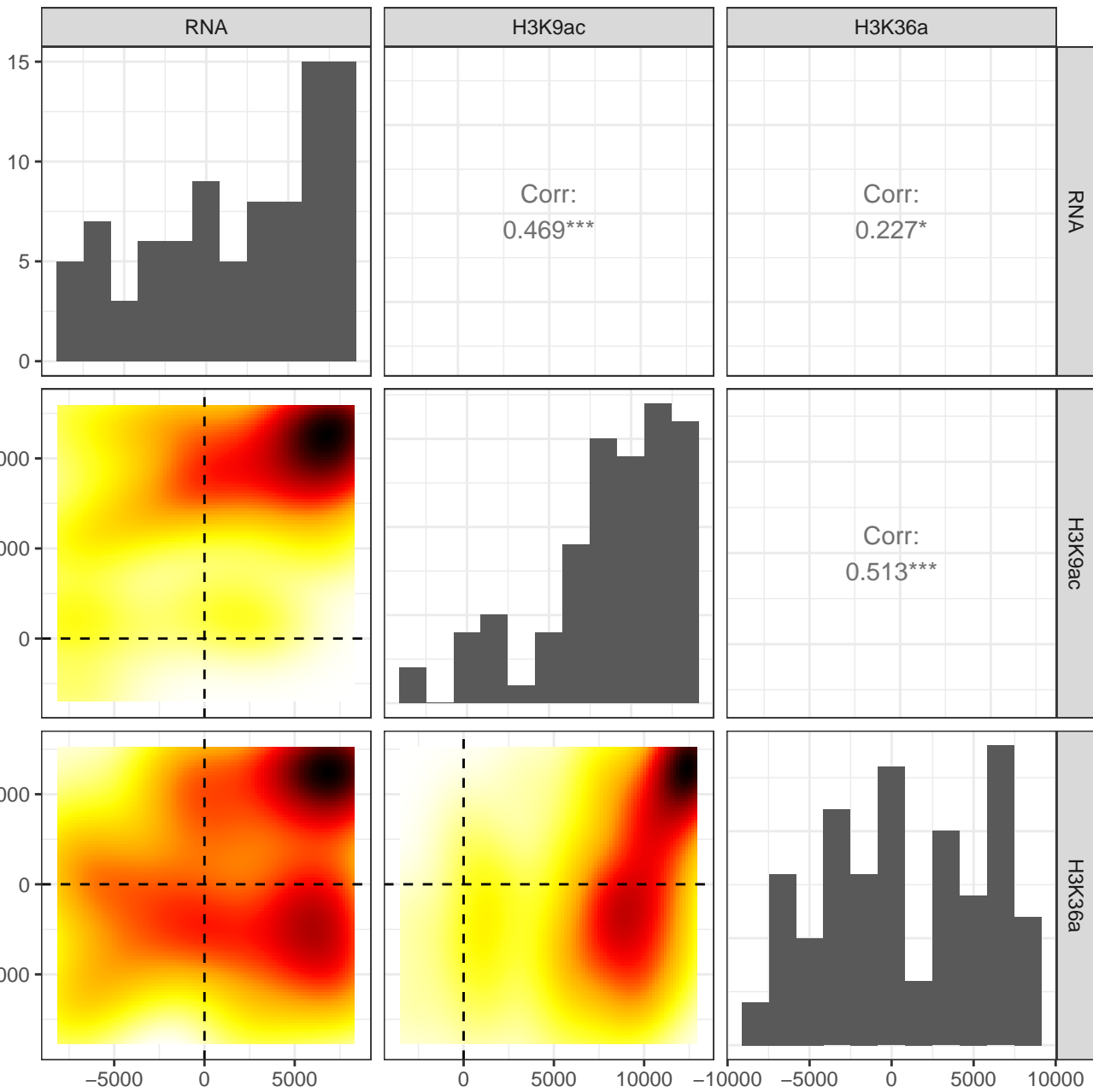
RPA1 TARGET GENES



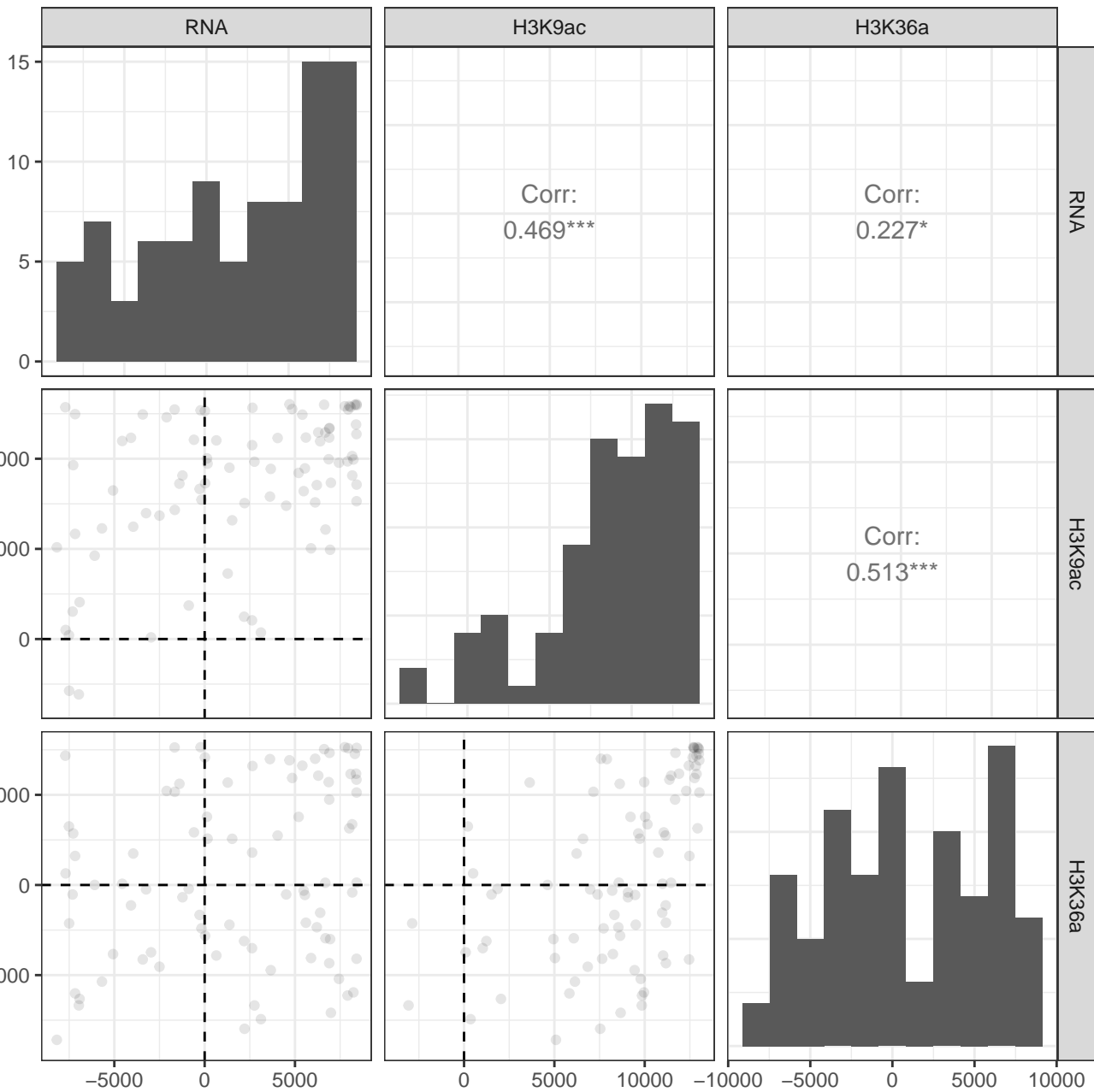
RPA1 TARGET GENES



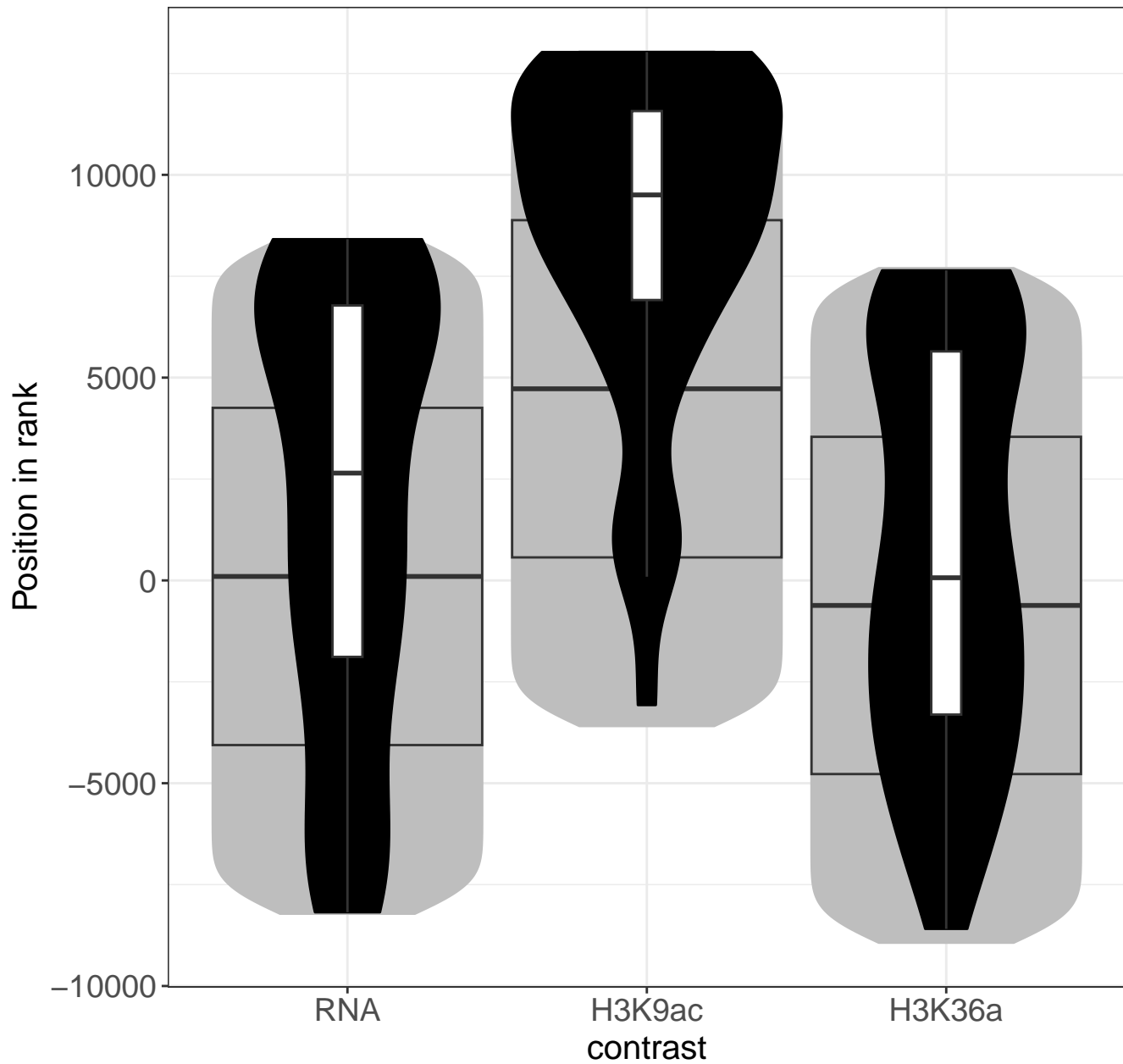
PPARGC1A TARGET GENES



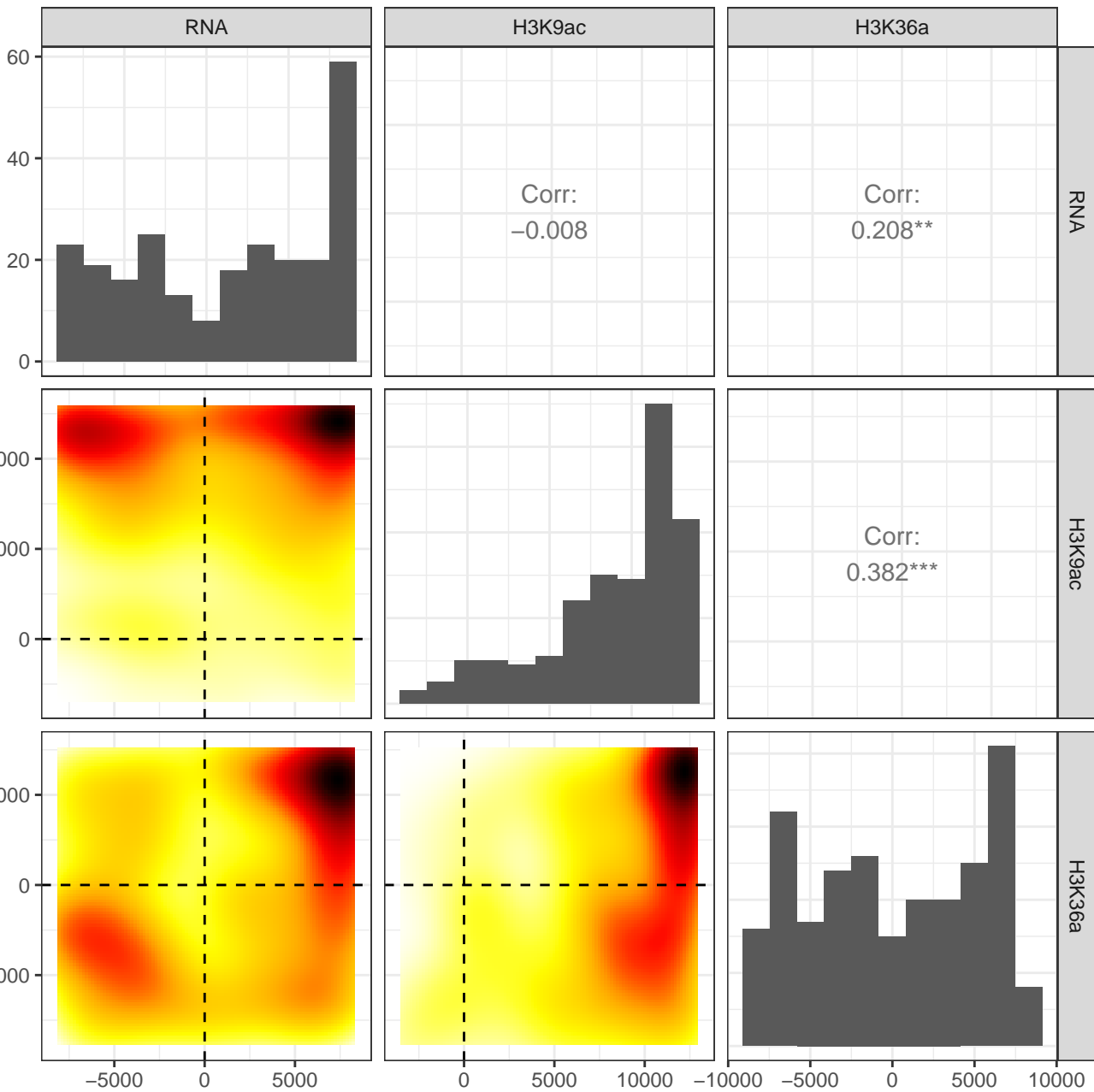
PPARGC1A TARGET GENES



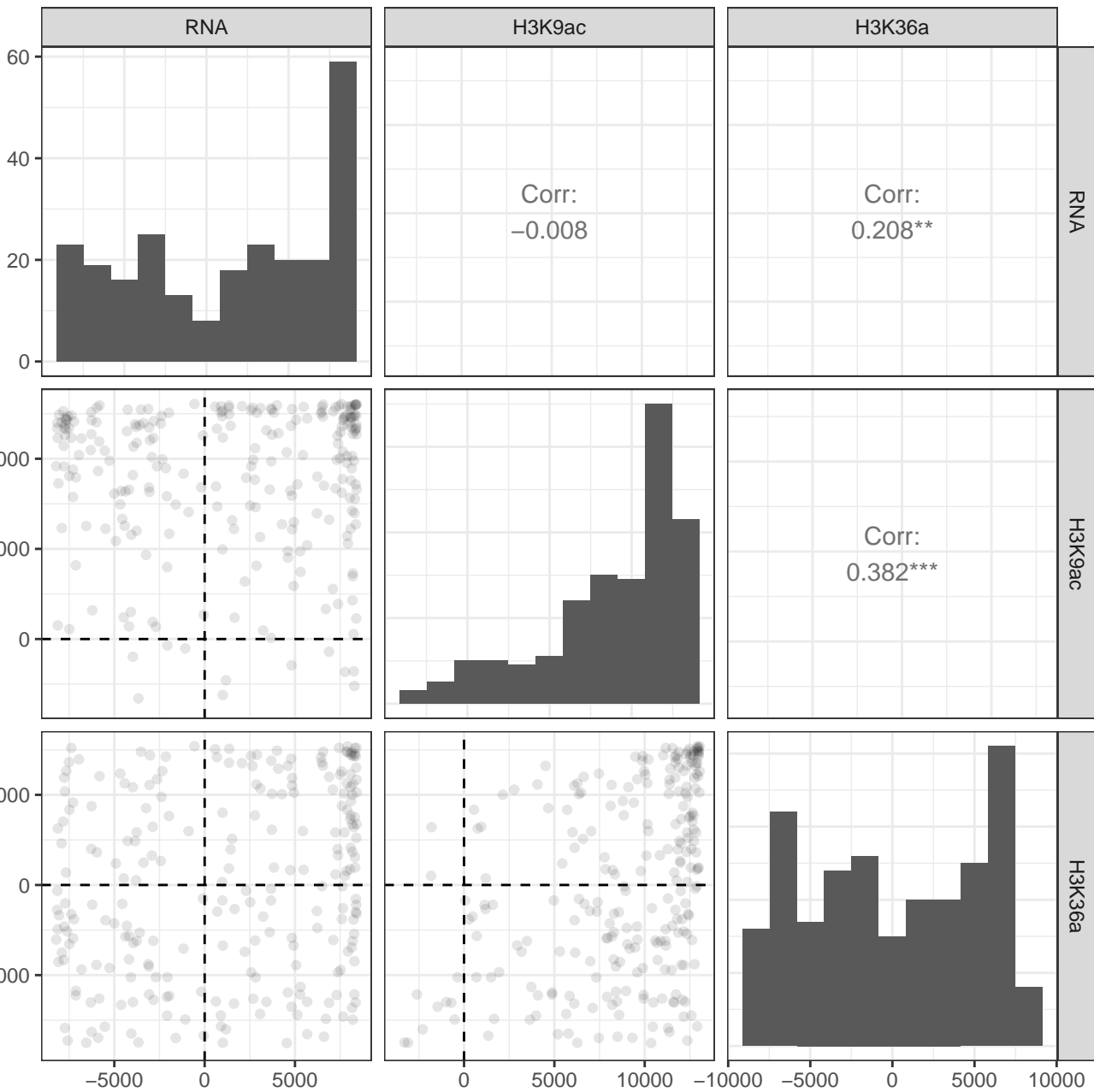
PPARGC1A TARGET GENES



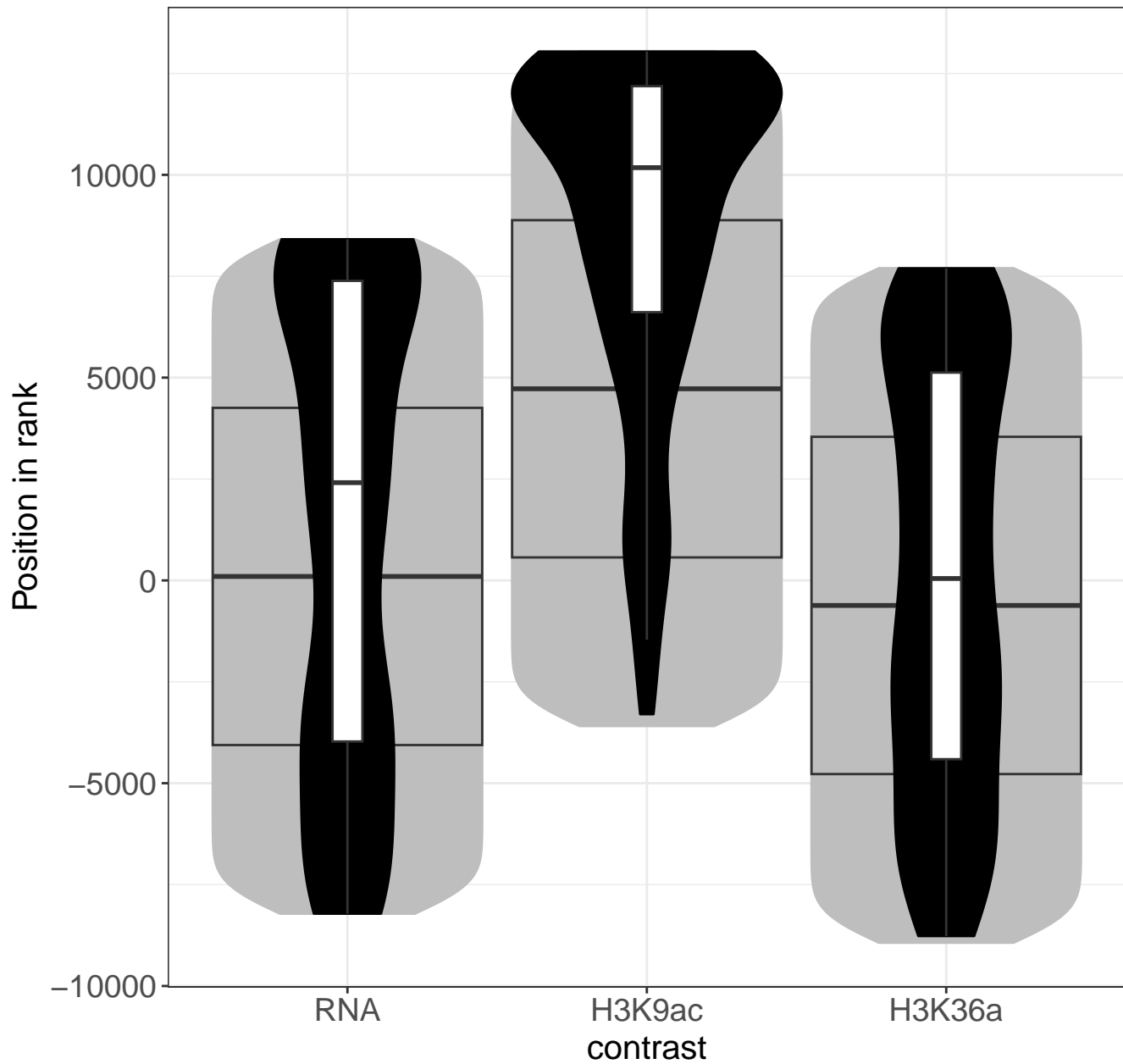
PSMB5 TARGET GENES



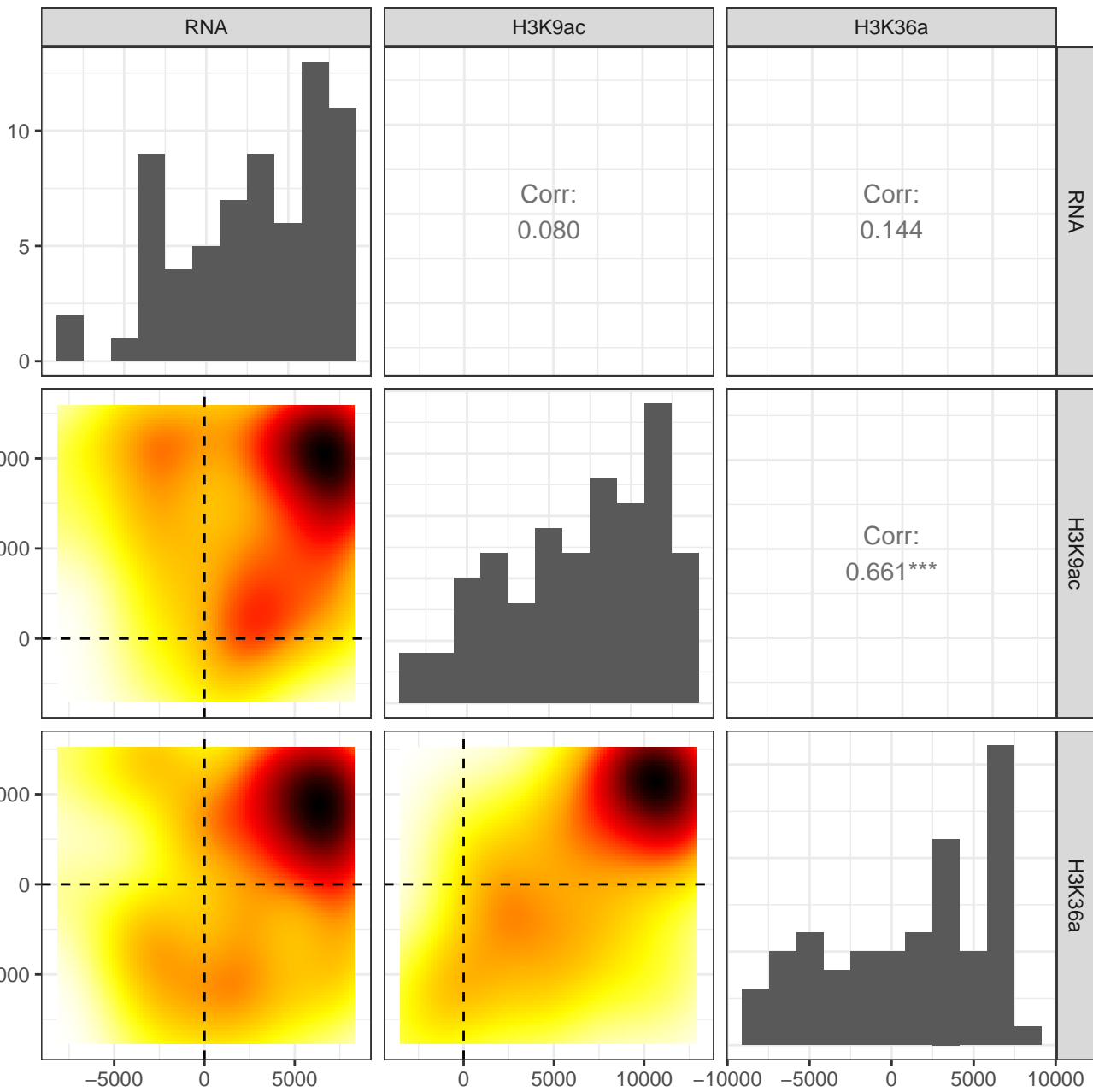
PSMB5 TARGET GENES



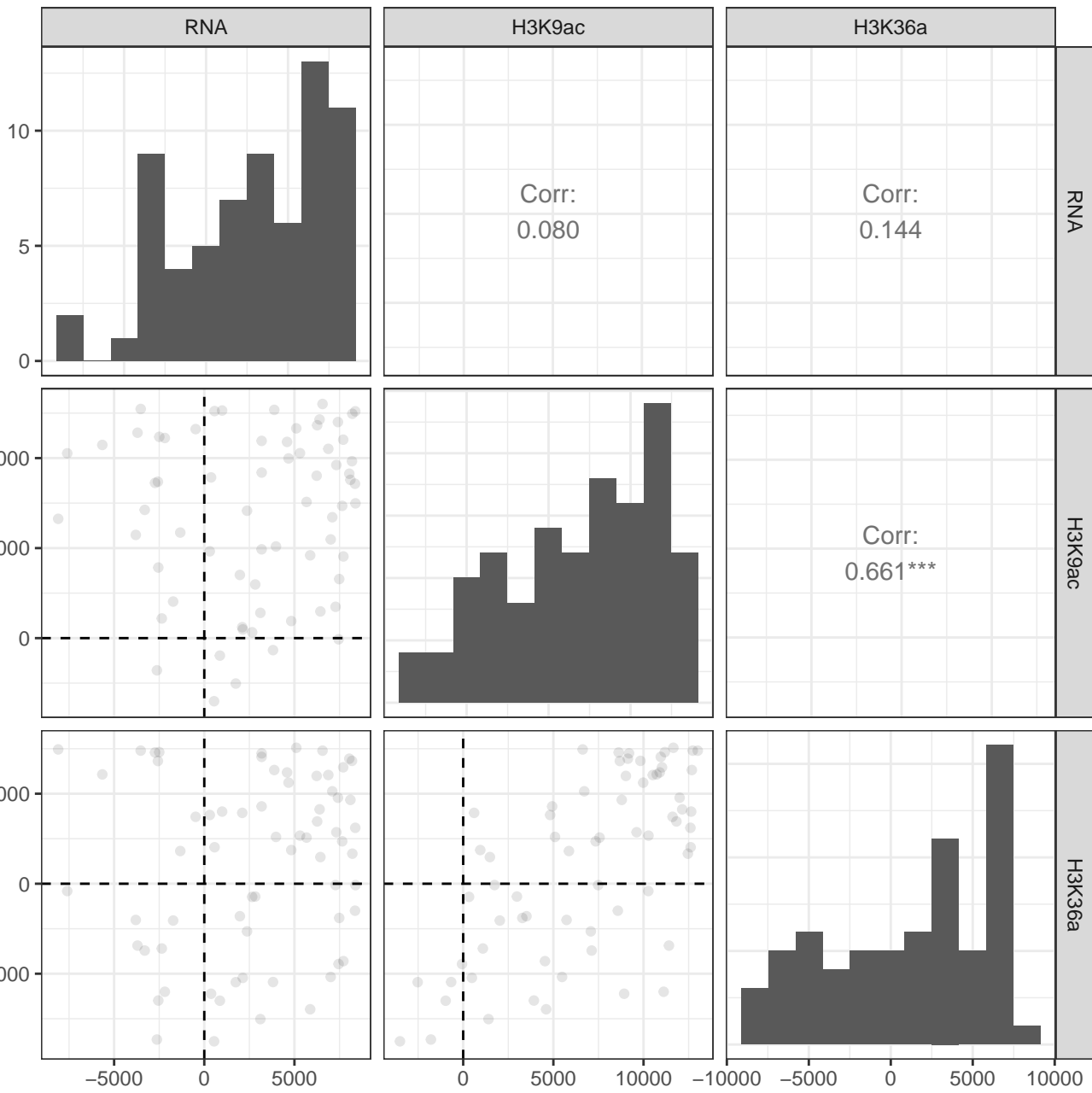
PSMB5 TARGET GENES



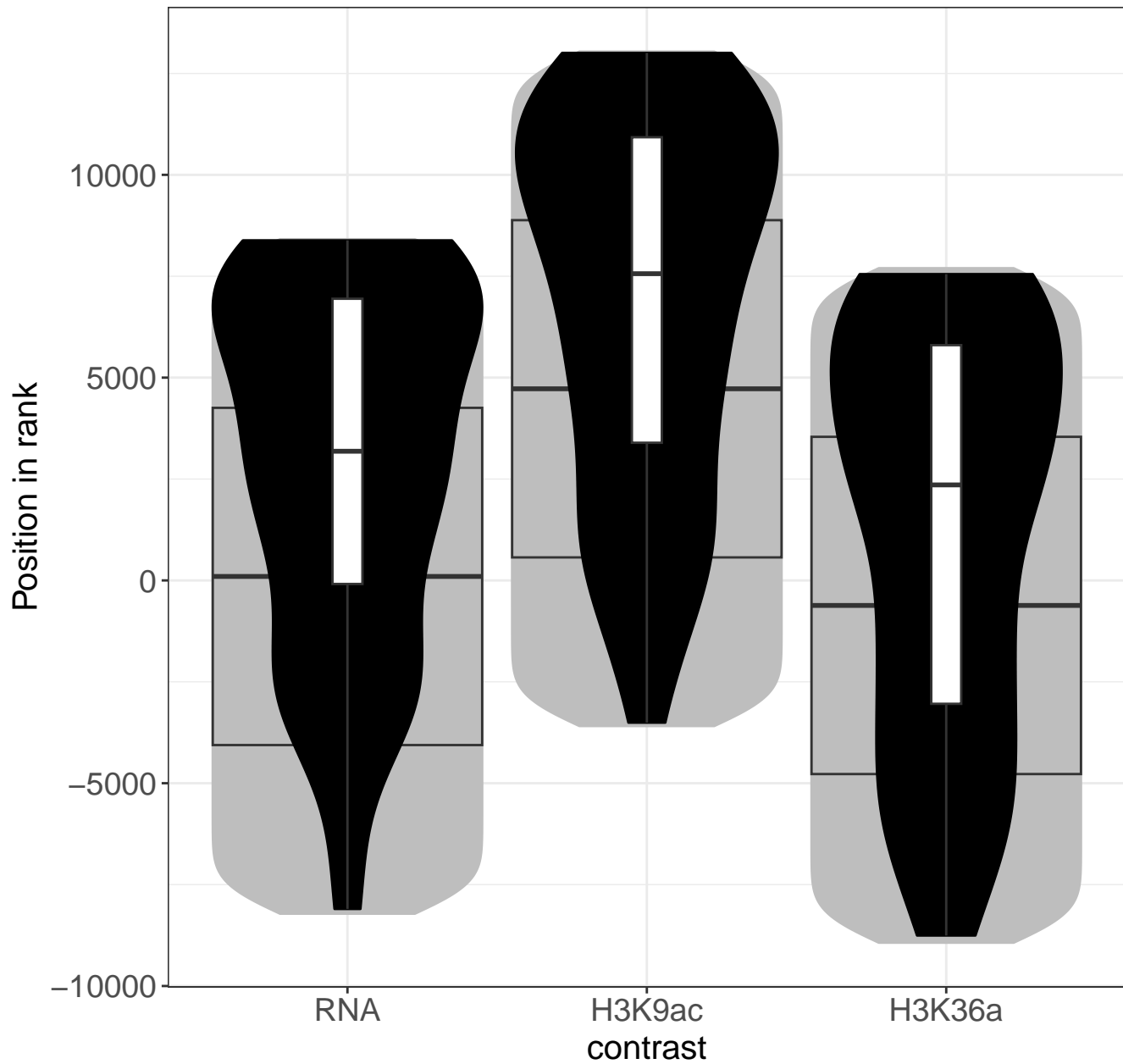
ZNF746 TARGET GENES



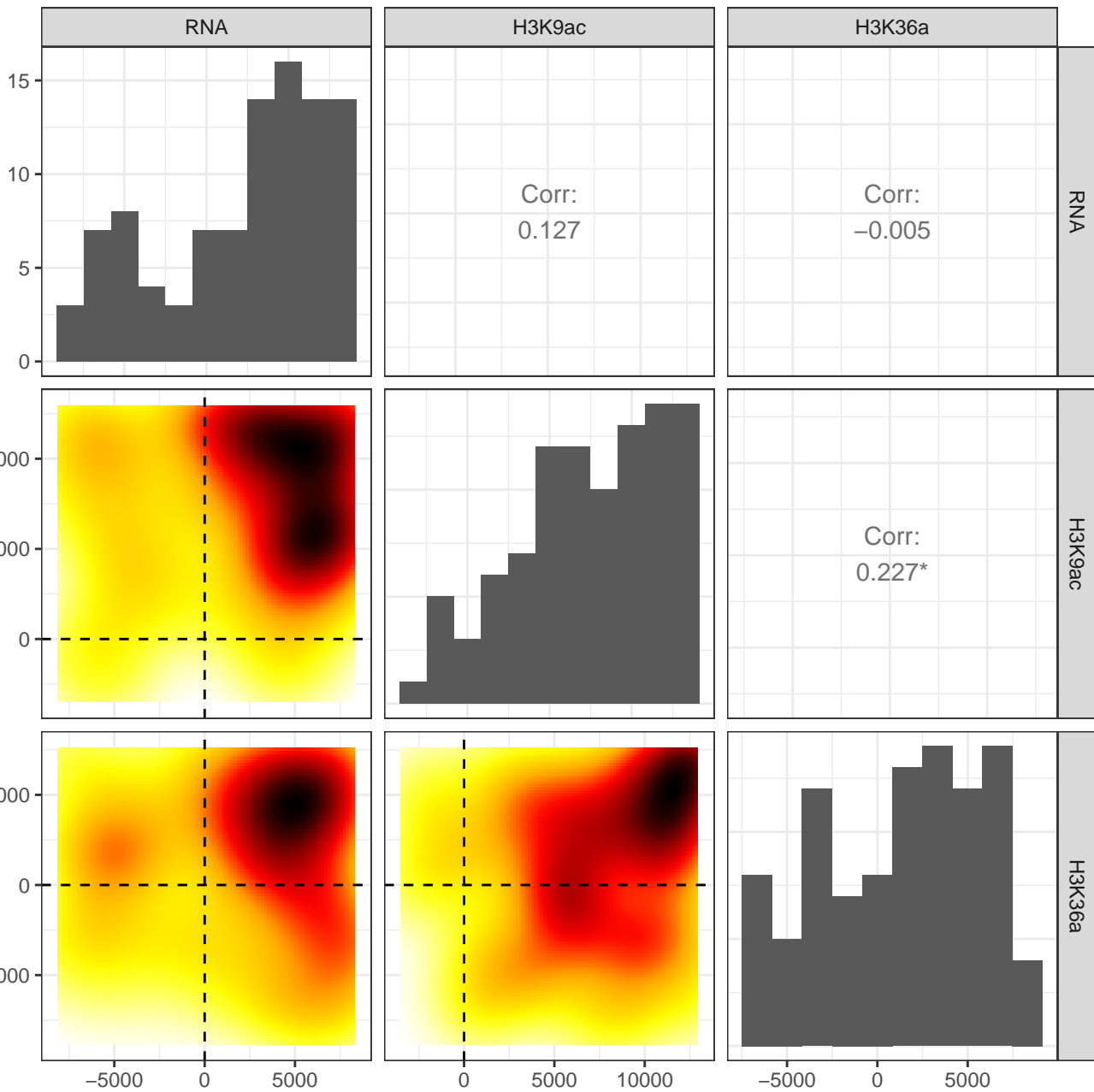
ZNF746 TARGET GENES



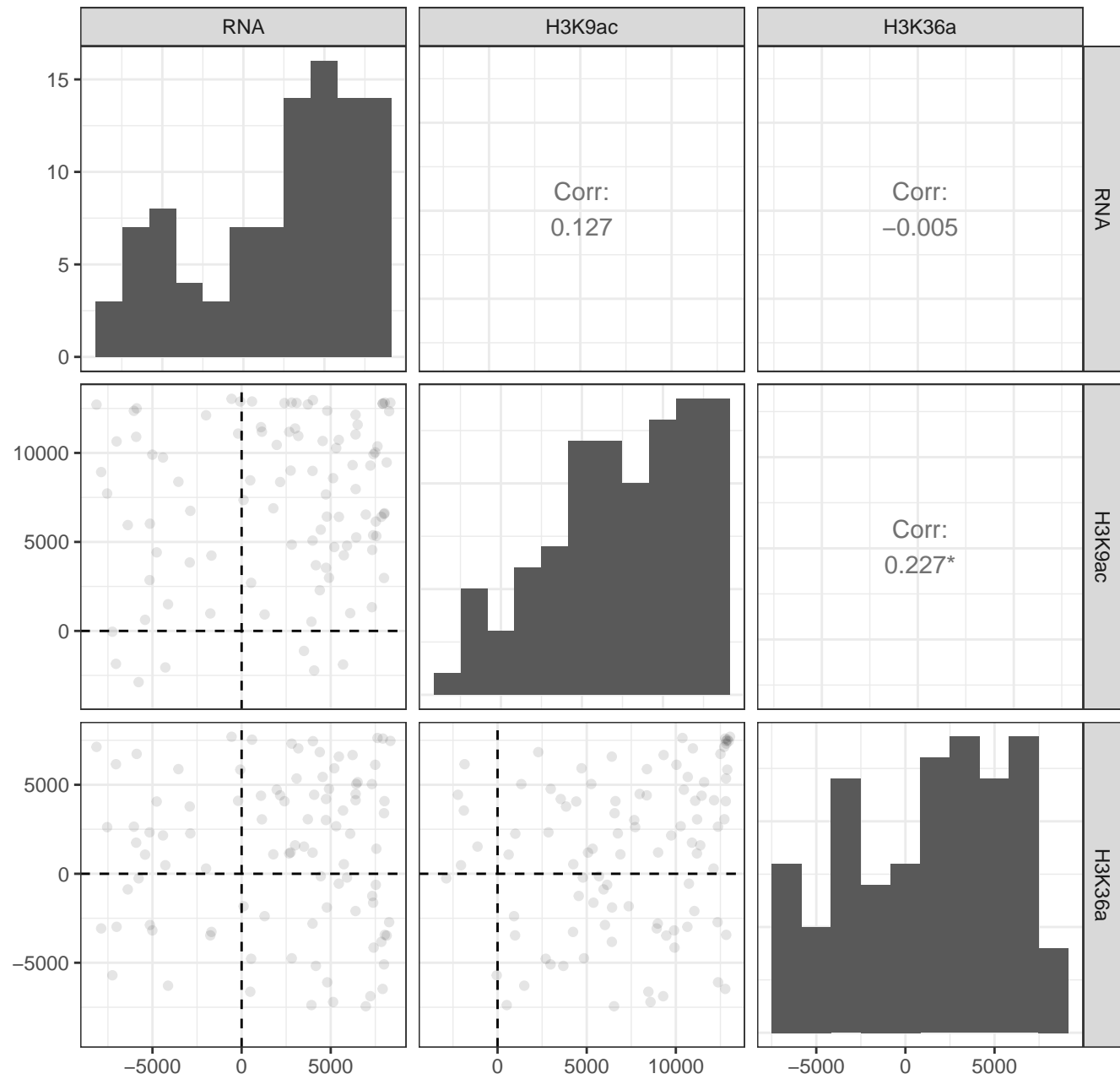
ZNF746 TARGET GENES



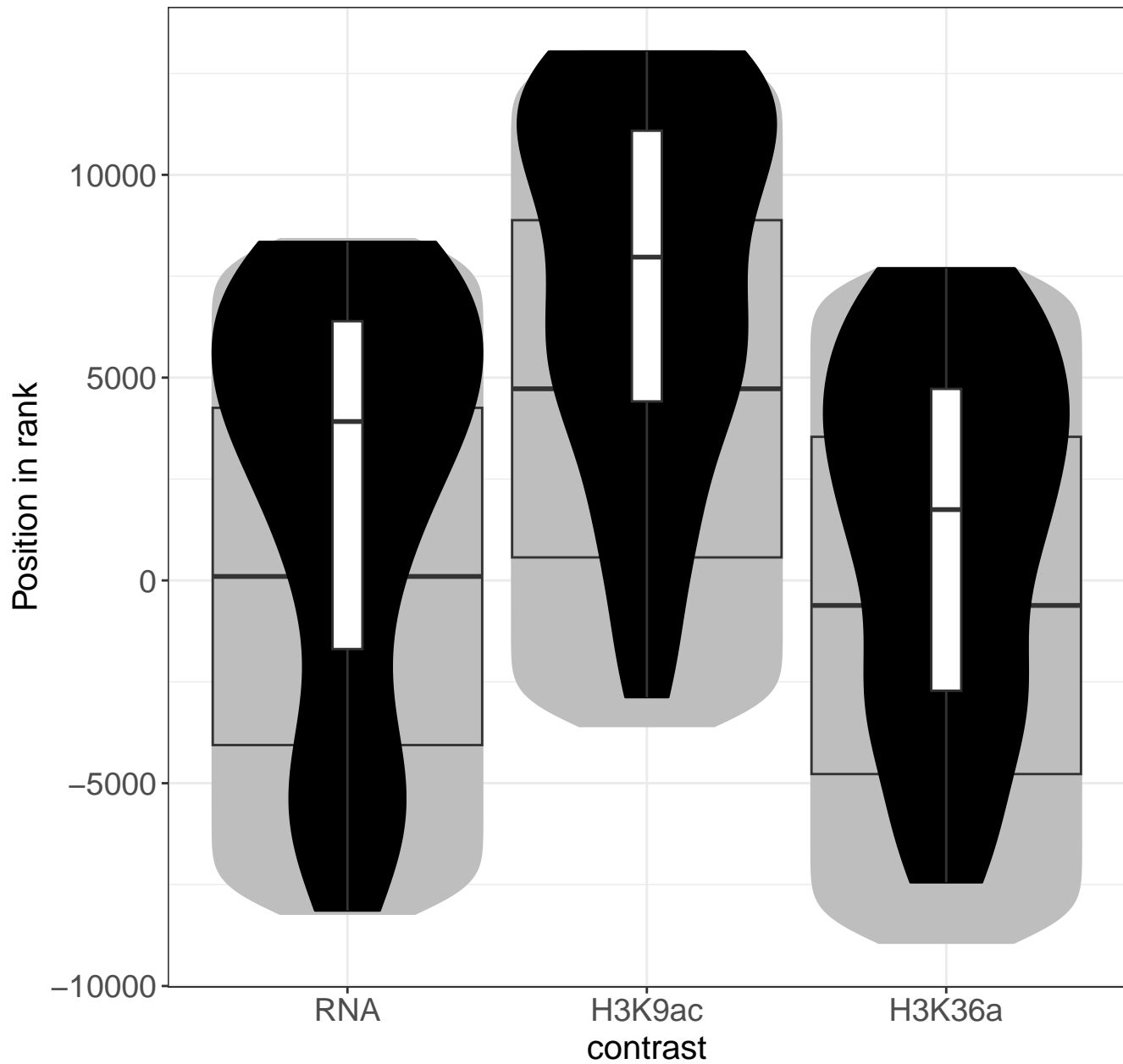
KCCGNSWTTT UNKNOWN



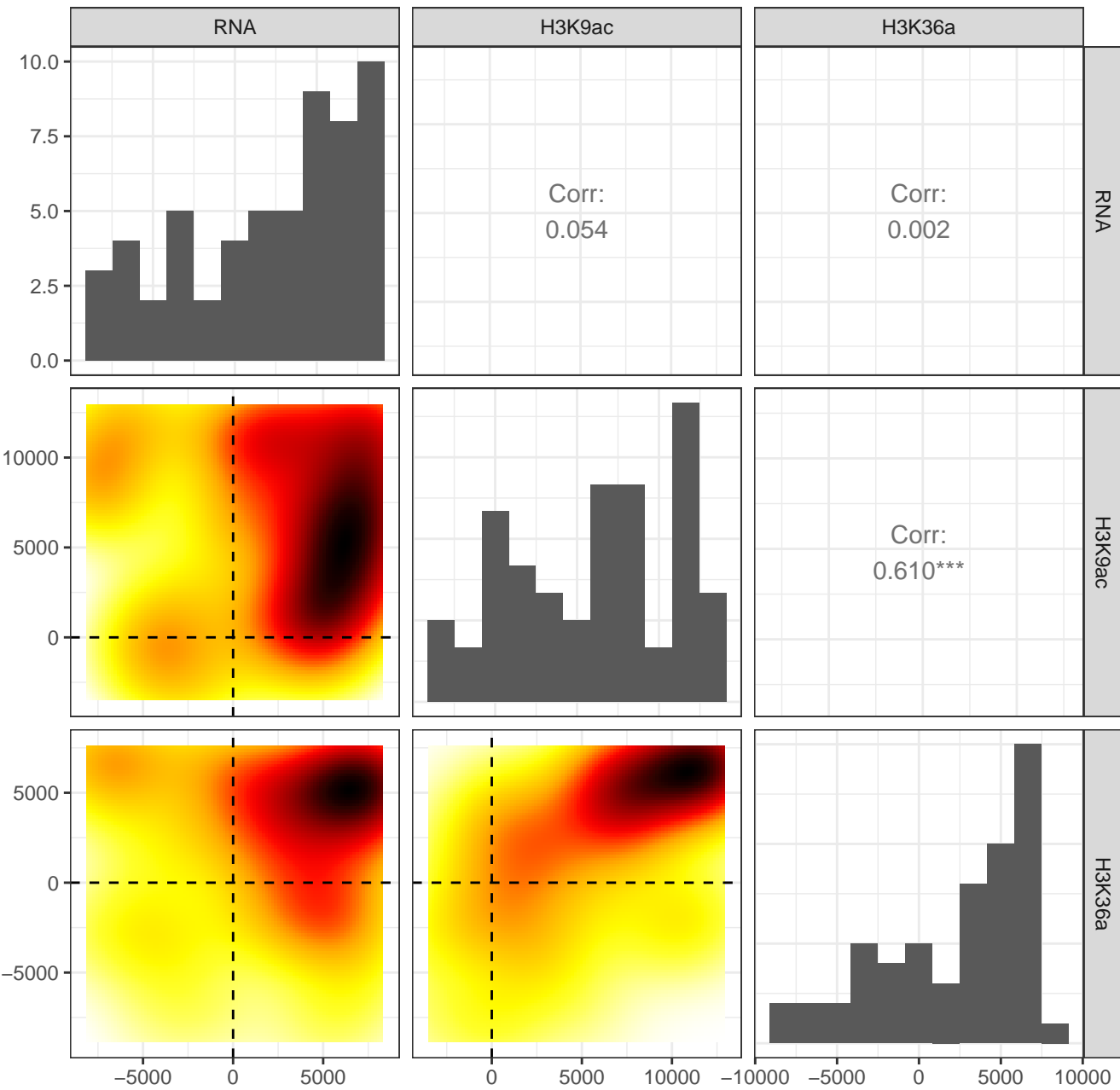
KCCGNSWTTT UNKNOWN



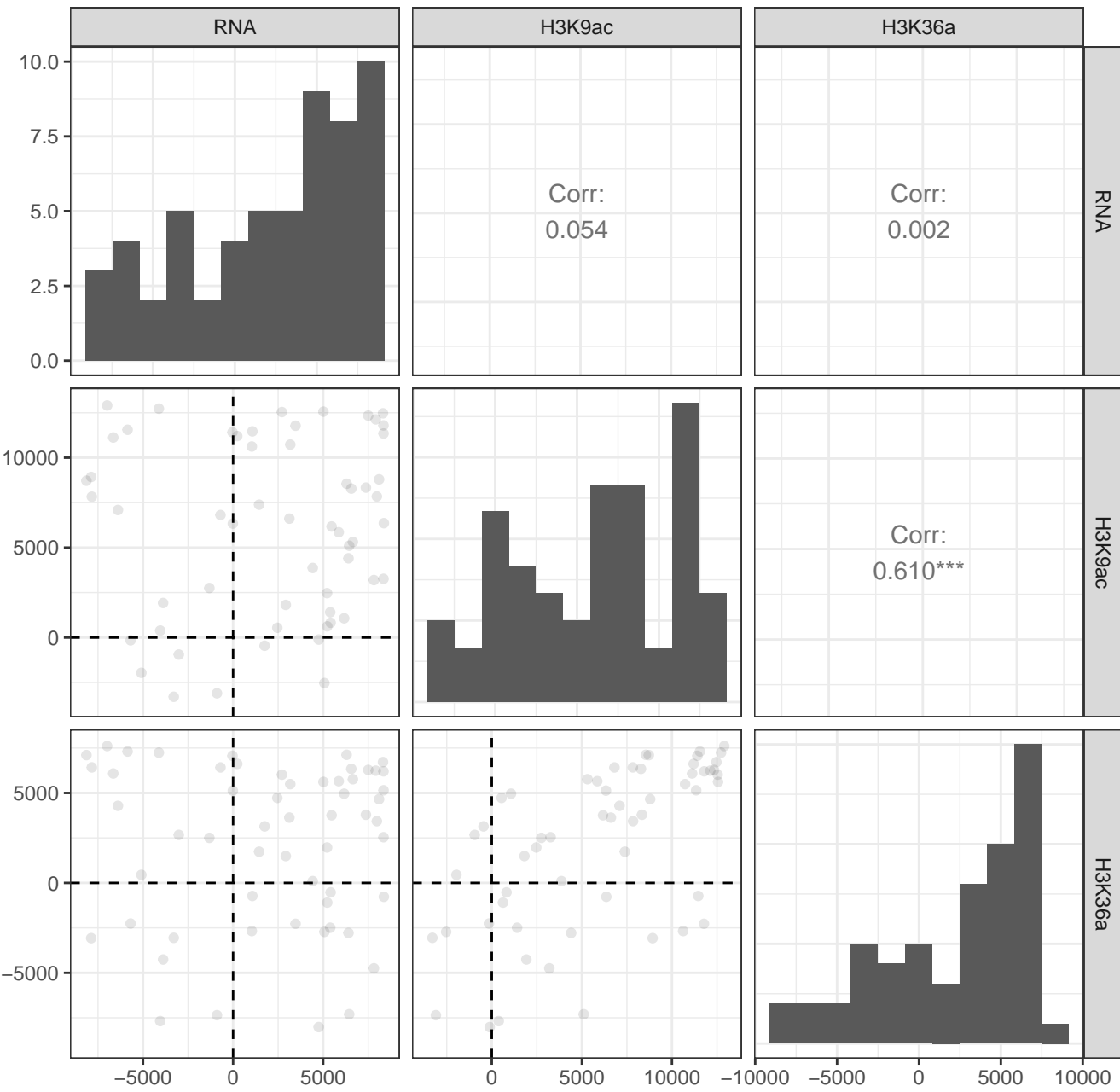
KCCGNSWTTT UNKNOWN



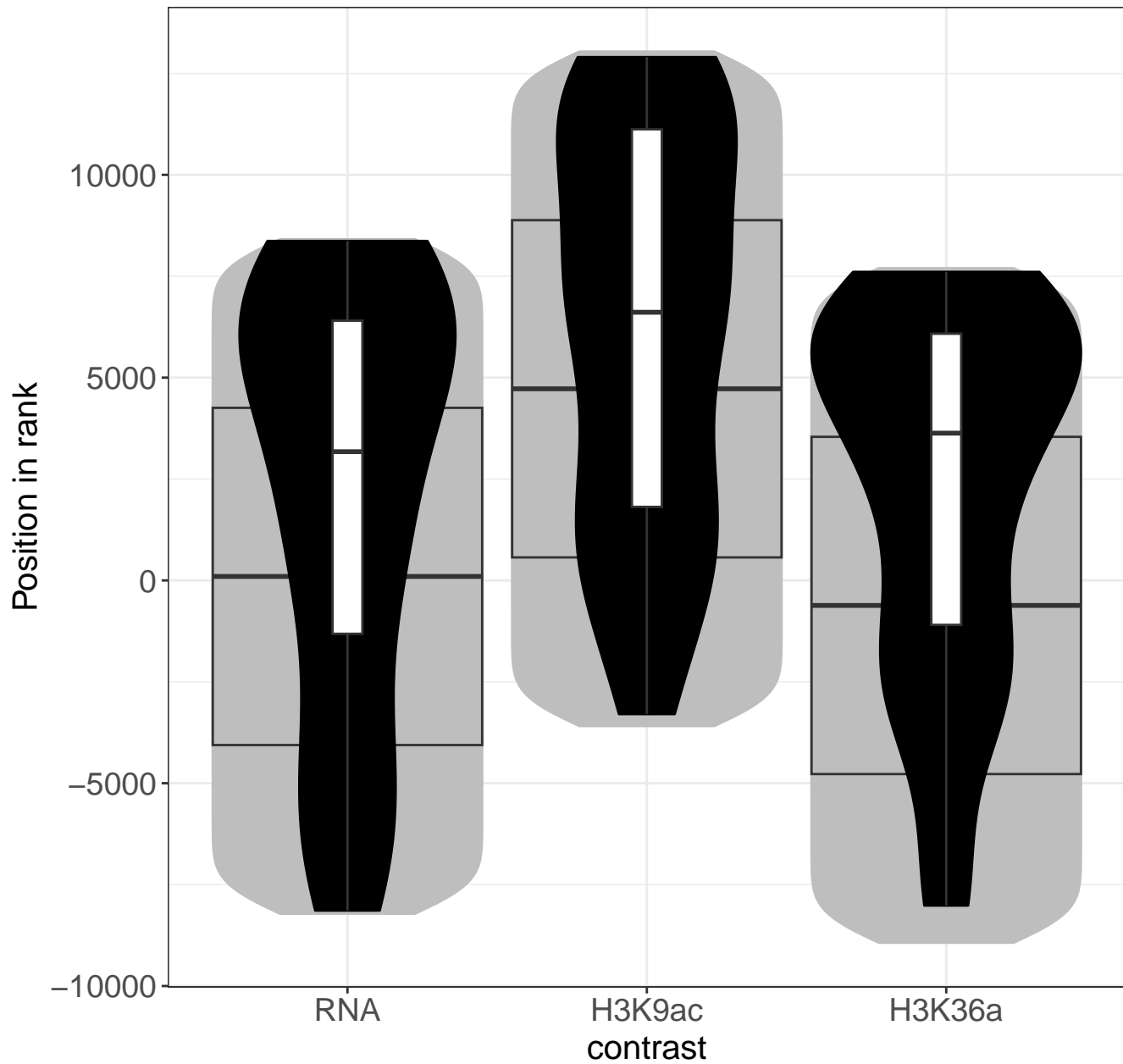
YWATTWNNRGCT UNKNOWN



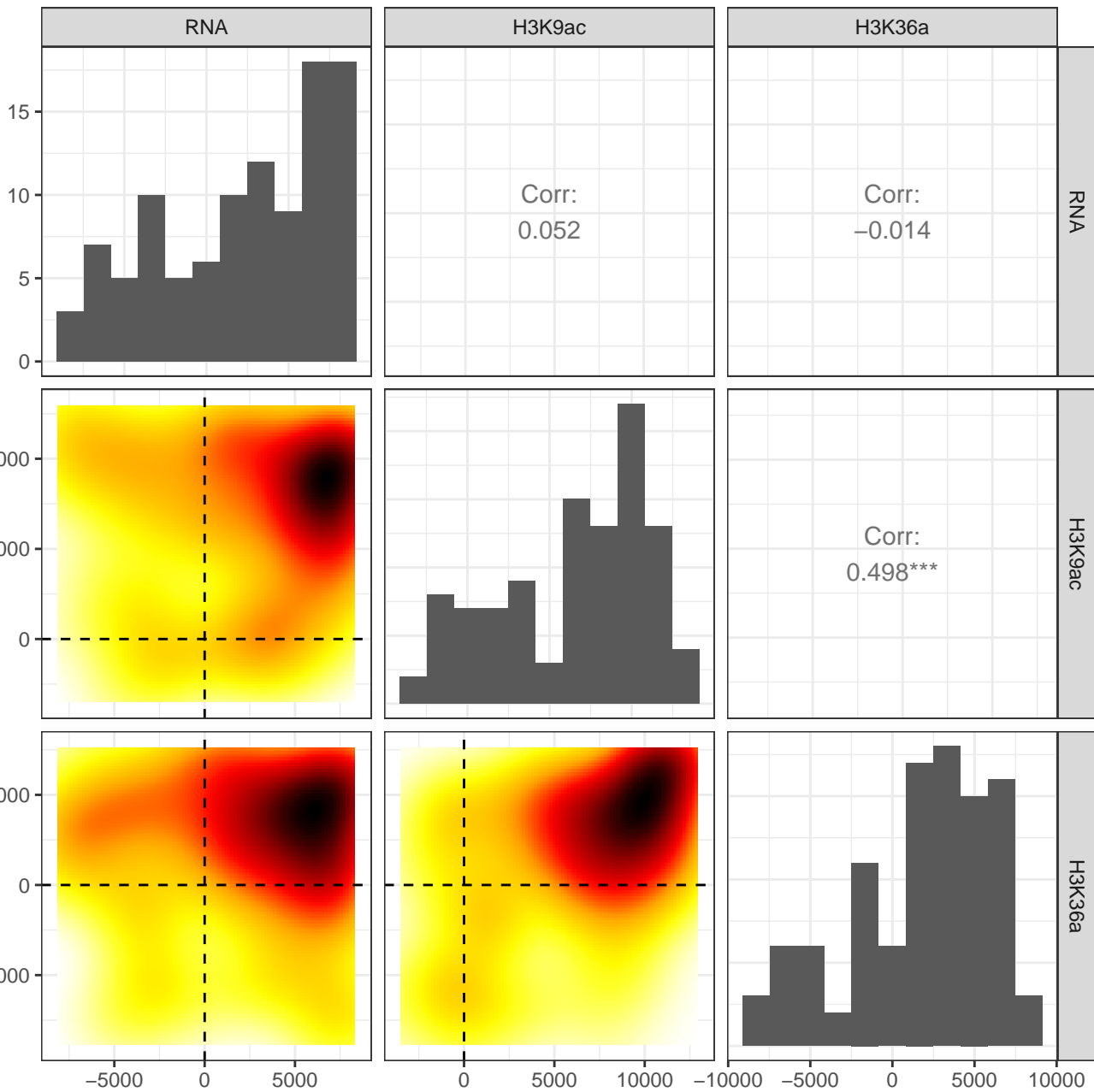
YWATTWNNRGCT UNKNOWN



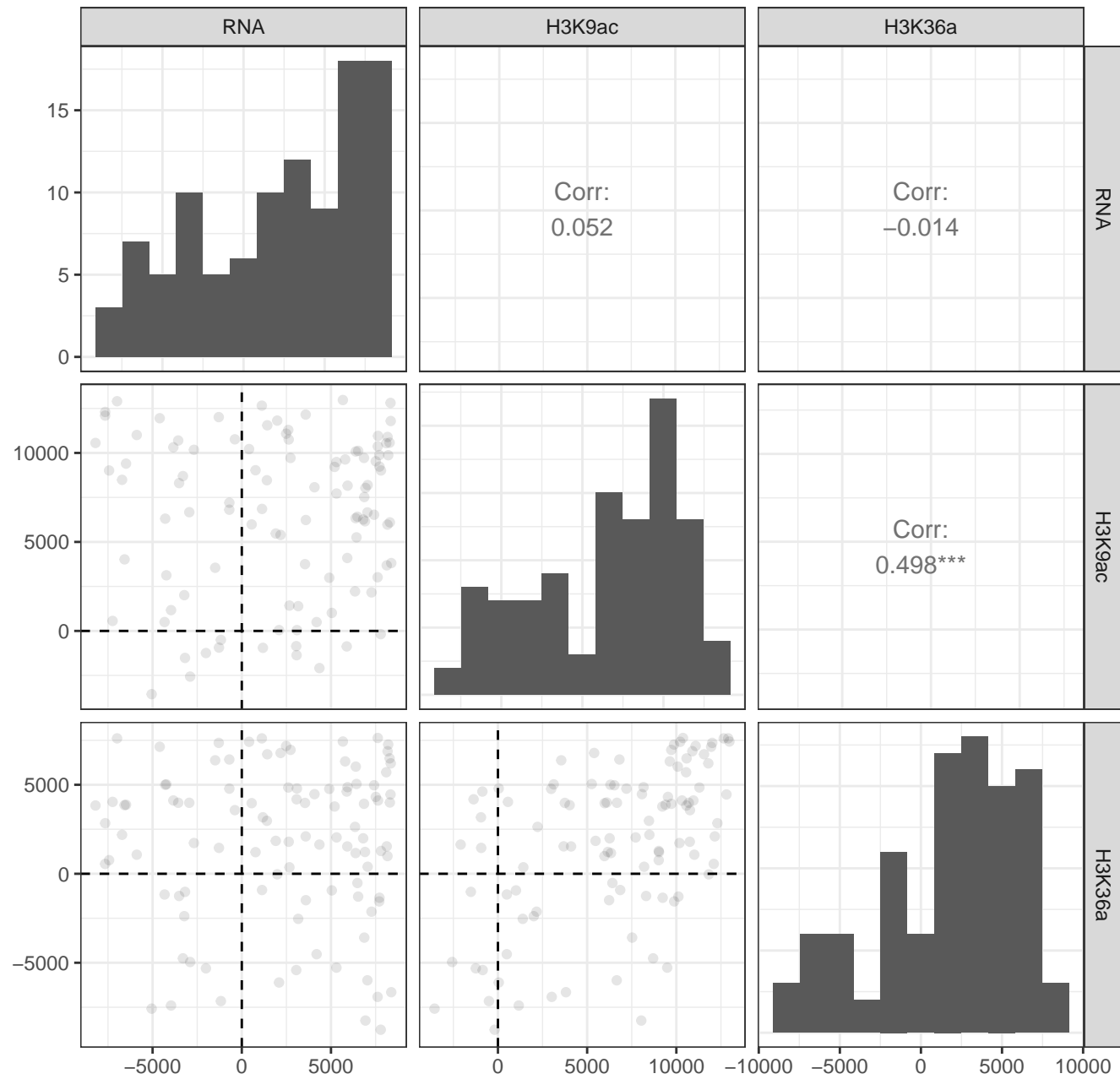
YWATTWNNRGCT UNKNOWN



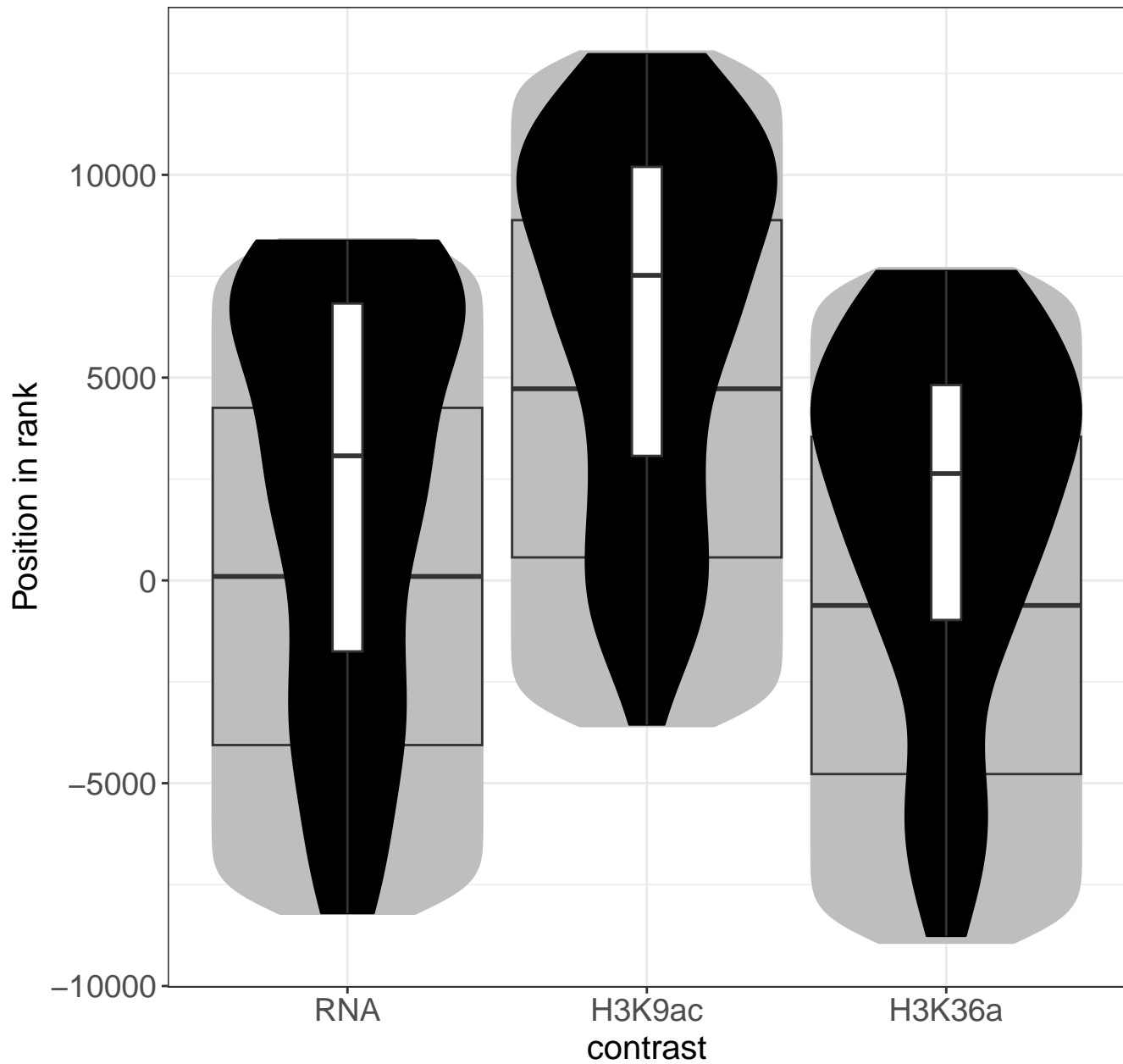
PR 02



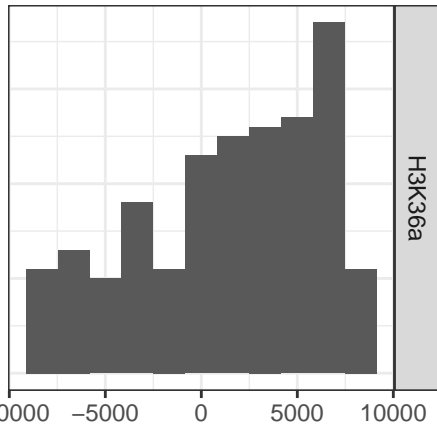
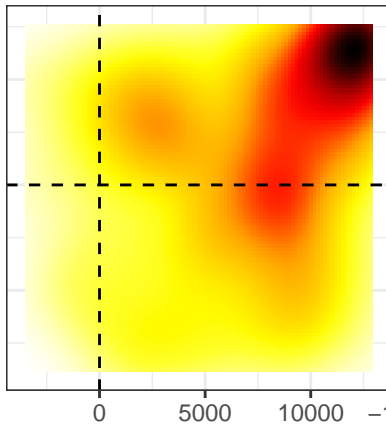
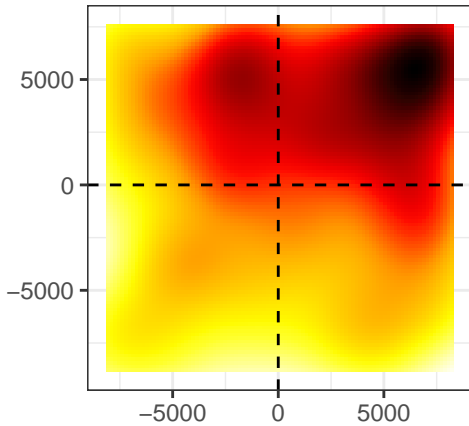
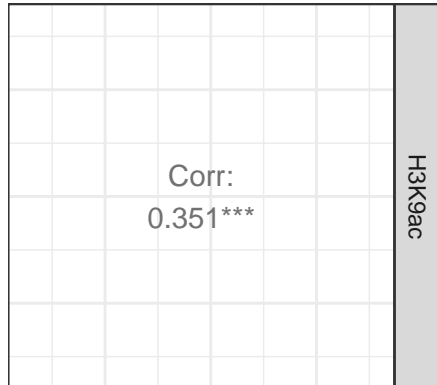
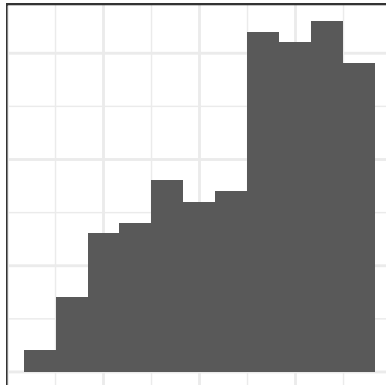
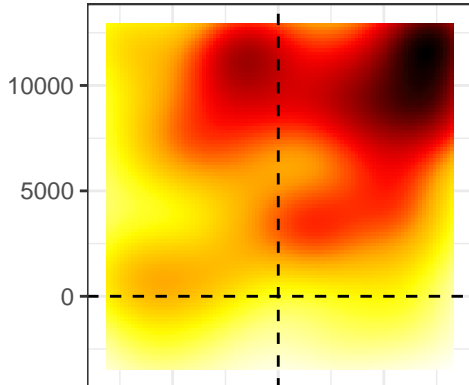
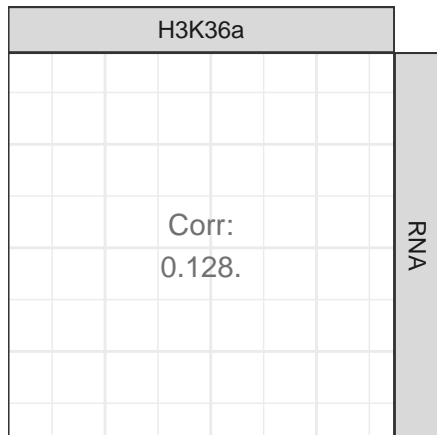
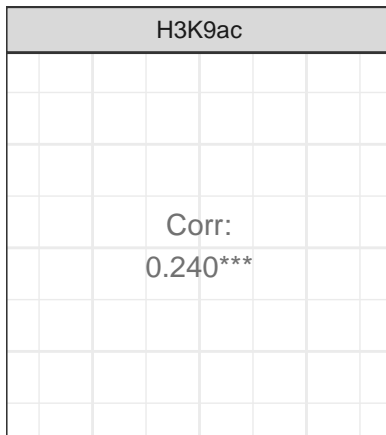
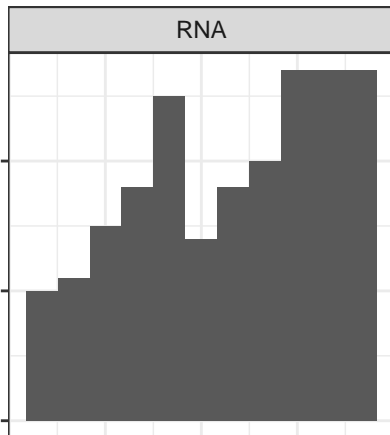
PR 02



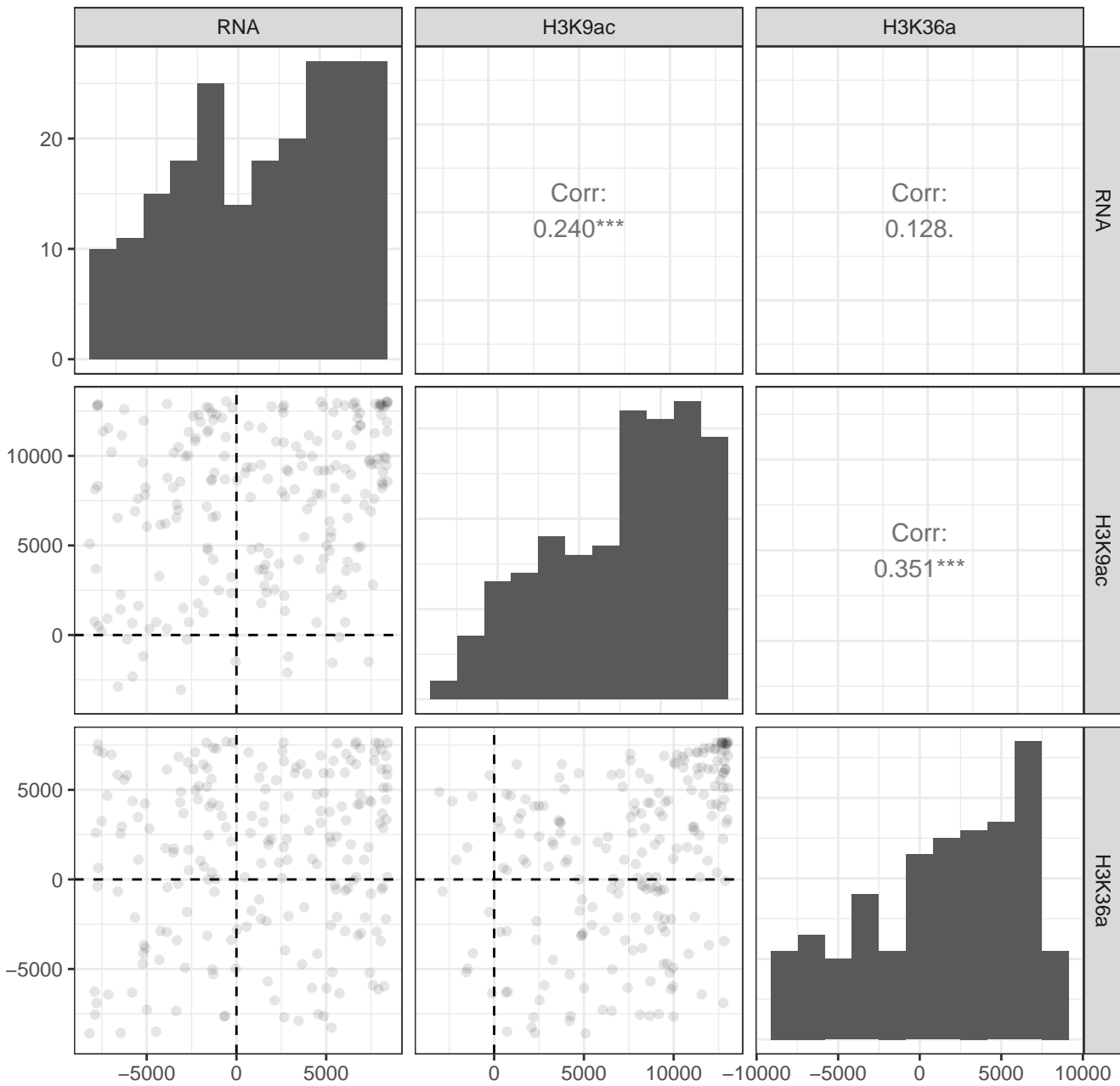
PR 02



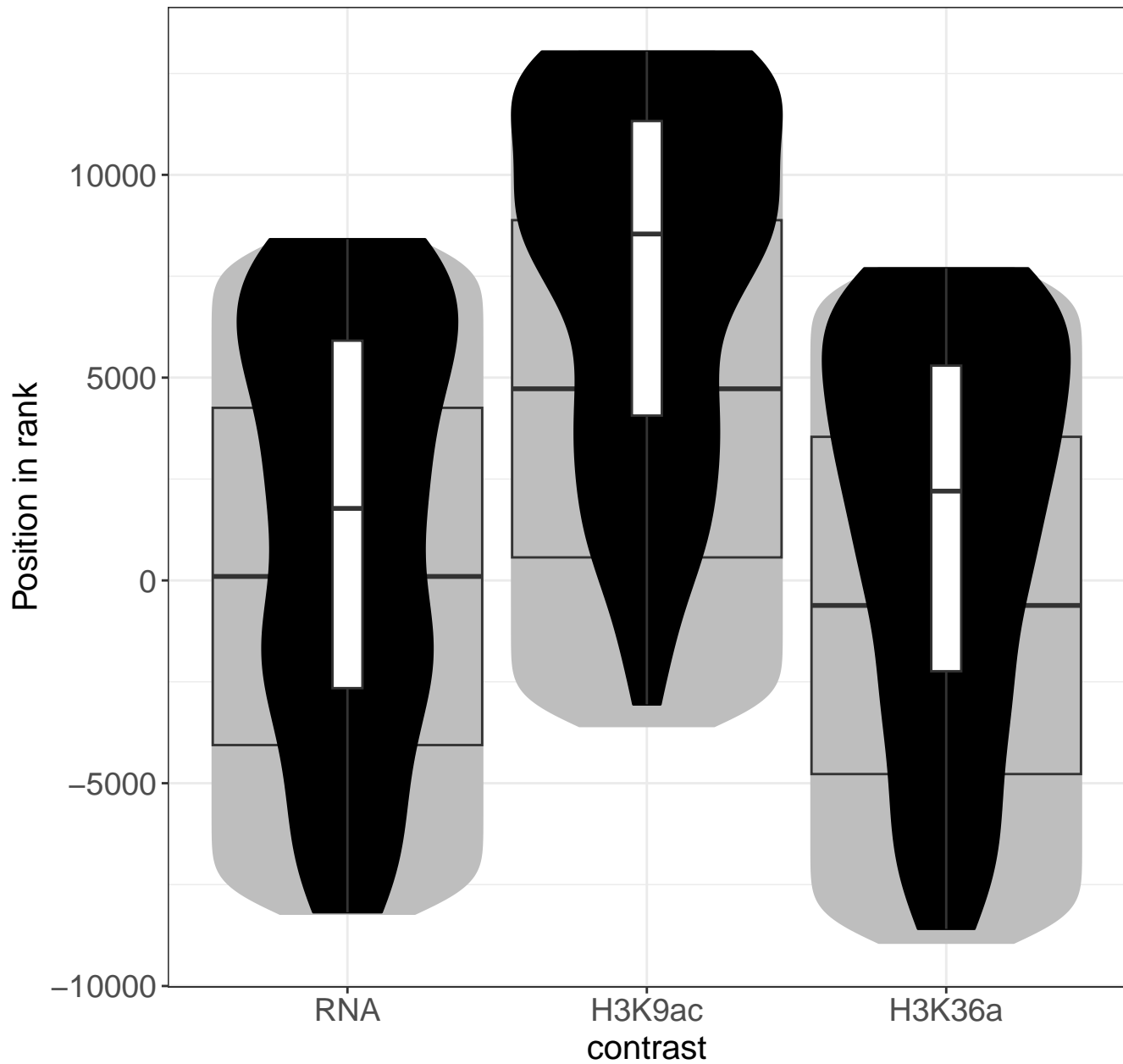
HSF2 TARGET GENES



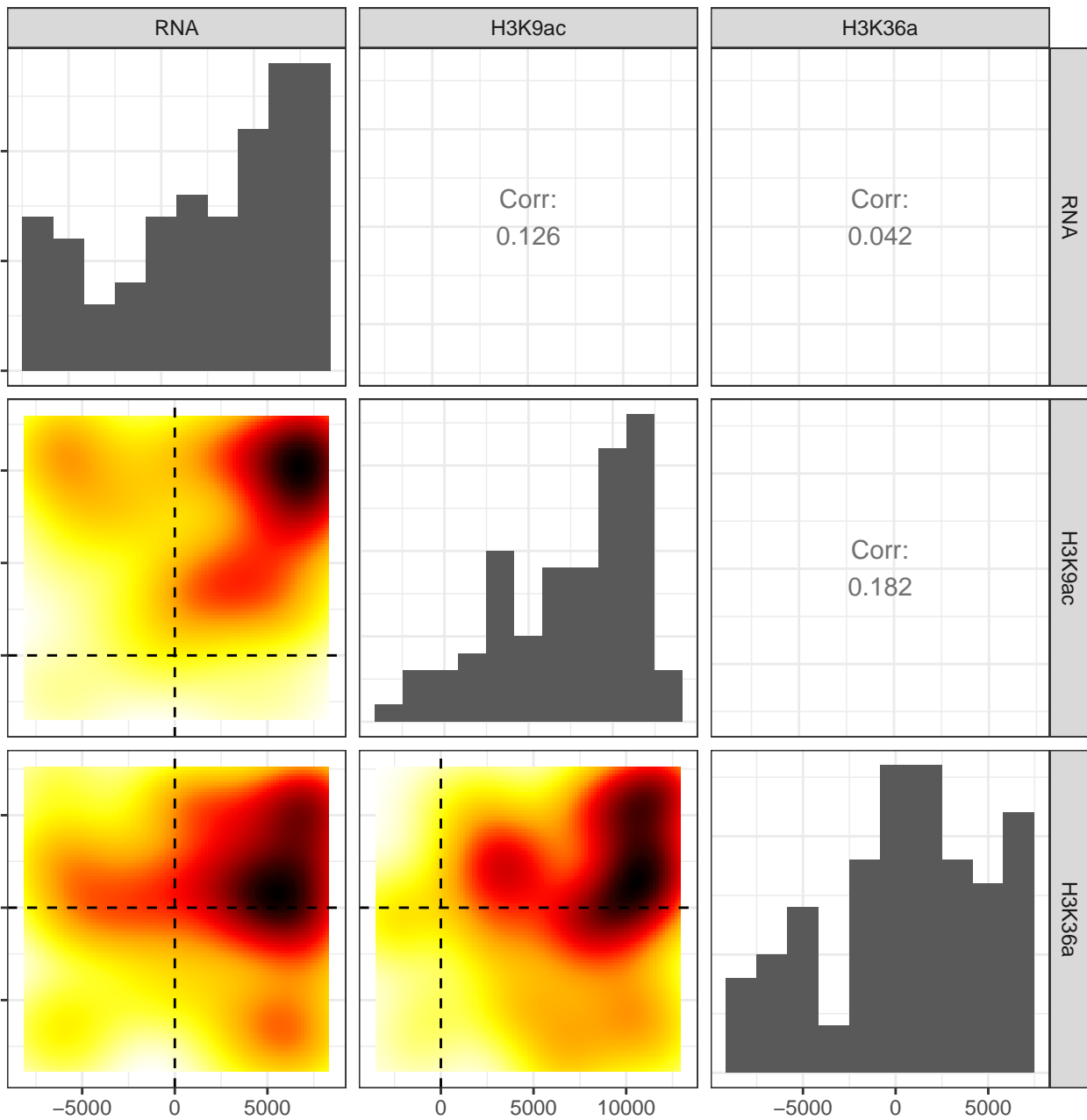
HSF2 TARGET GENES



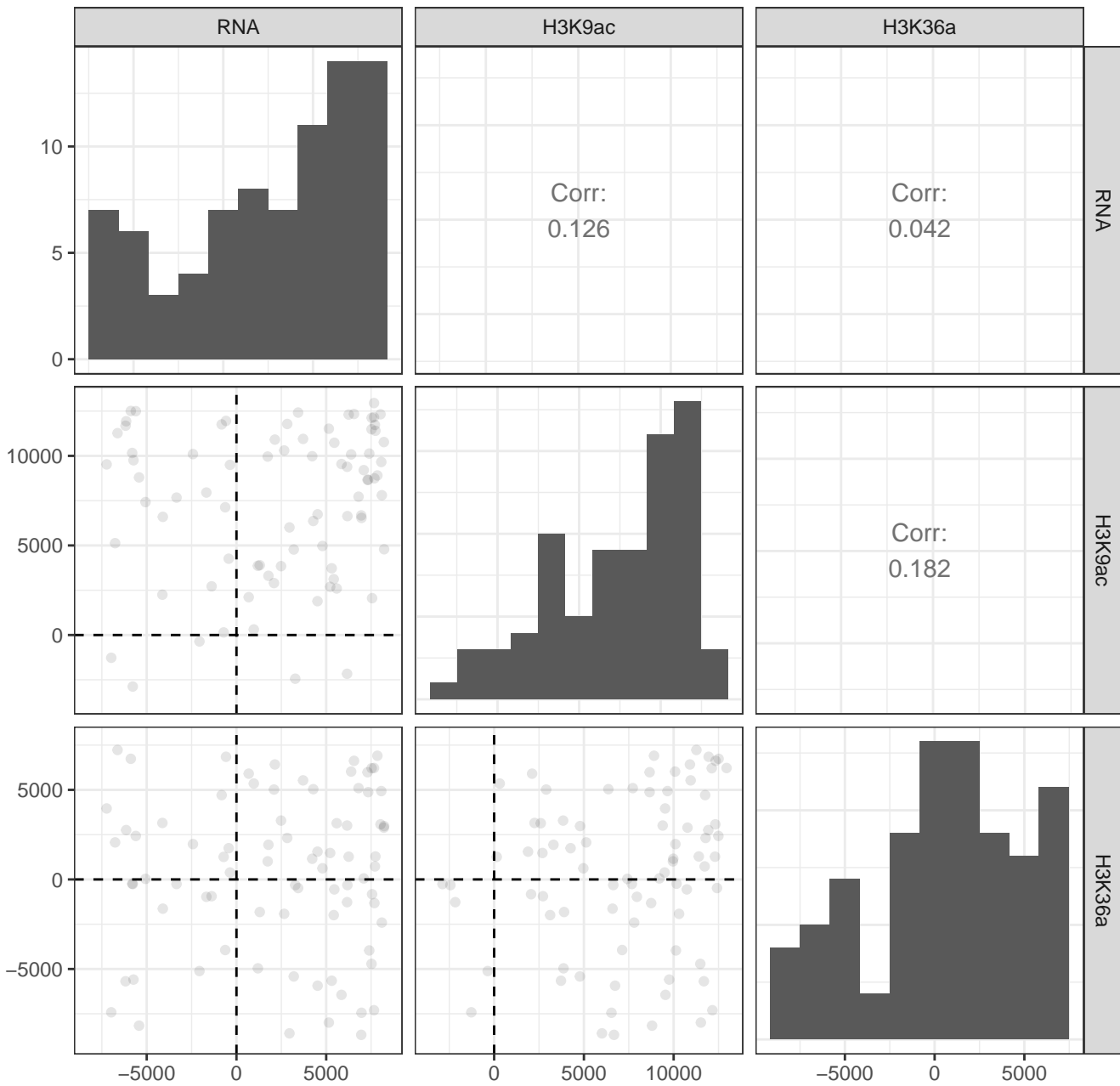
HSF2 TARGET GENES



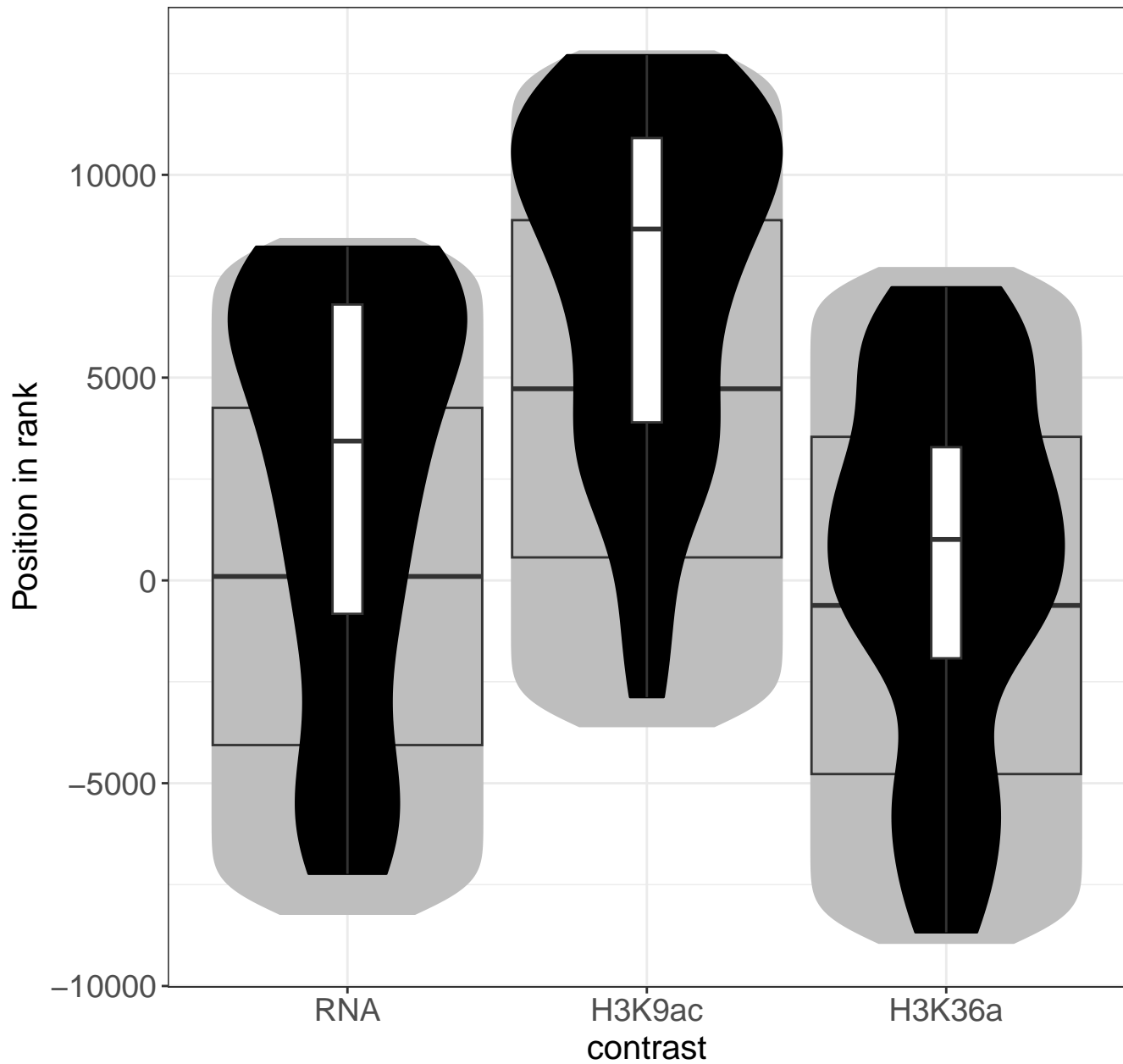
RRCCGTTA UNKNOWN



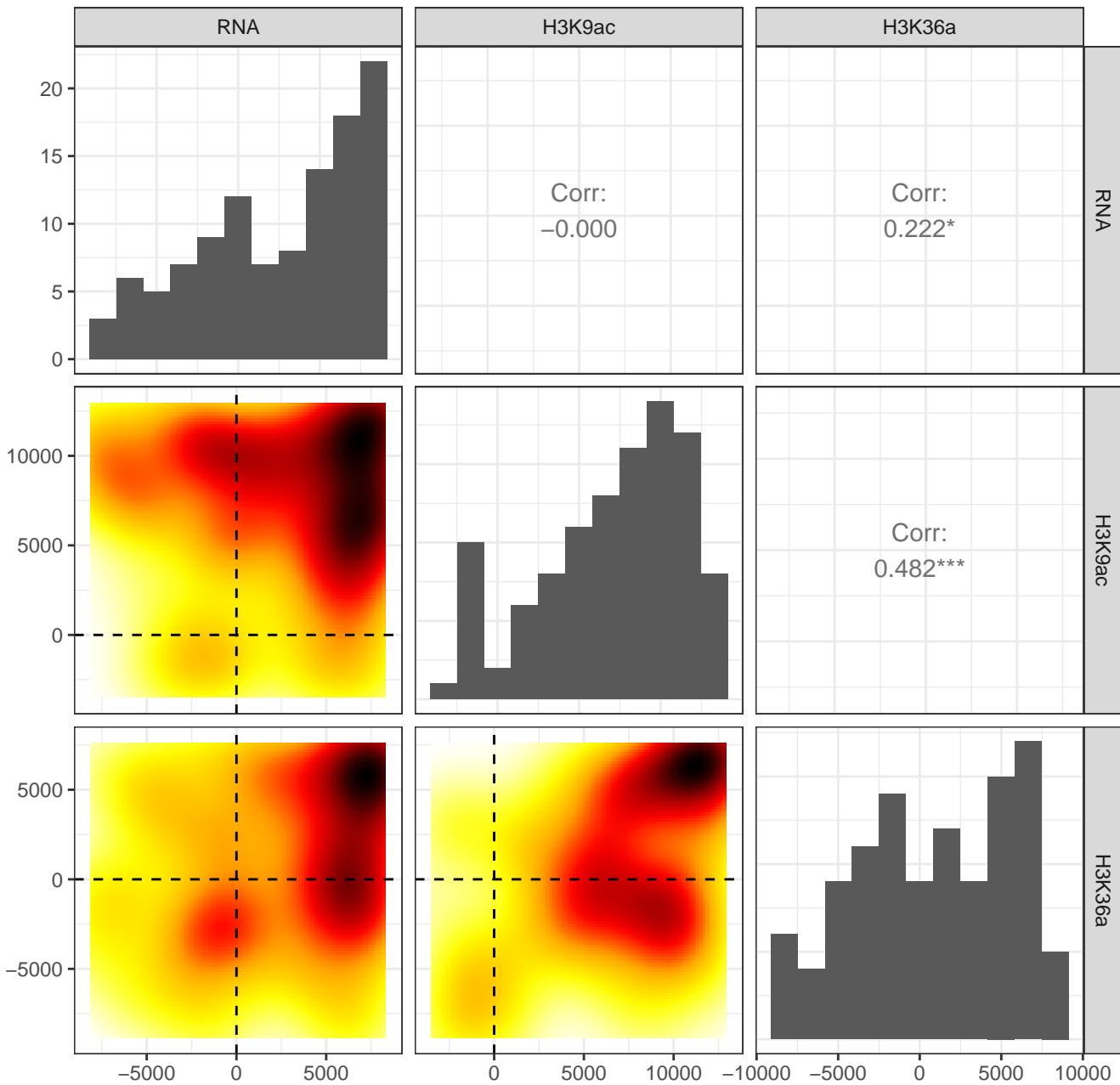
RRCCGTTA UNKNOWN



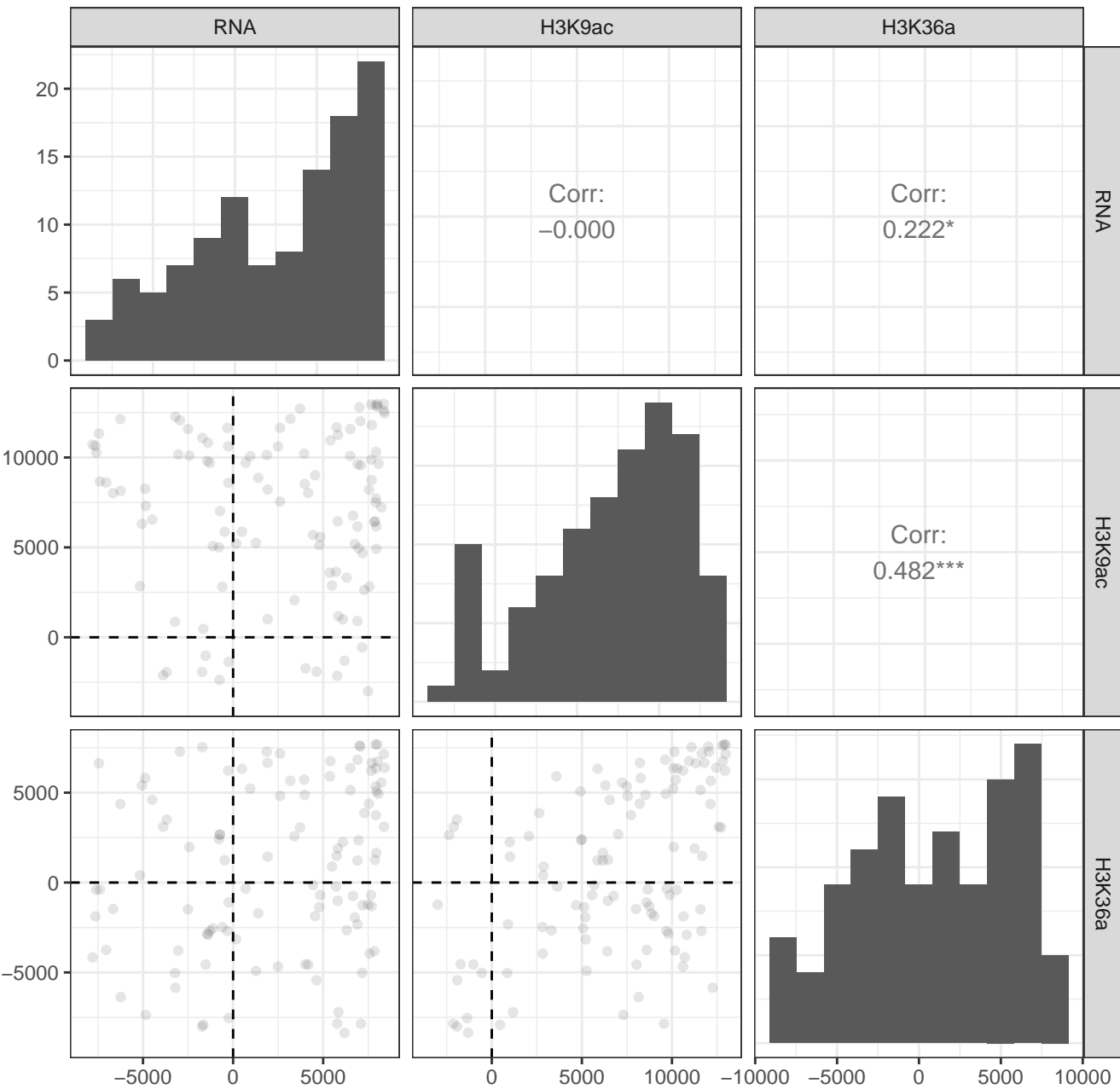
RRCCGTTA UNKNOWN



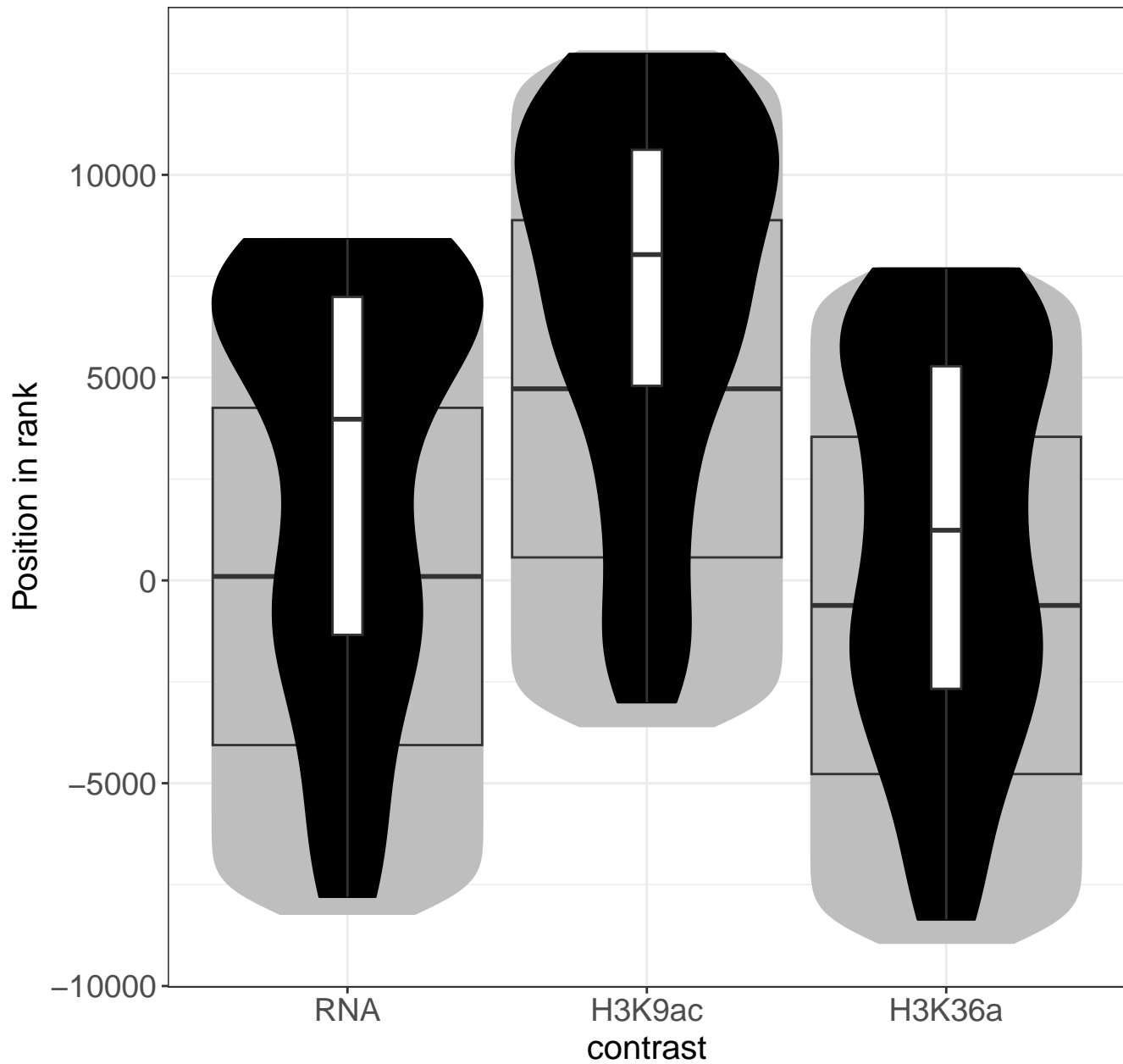
TAXCREB 01



TAXCREB 01

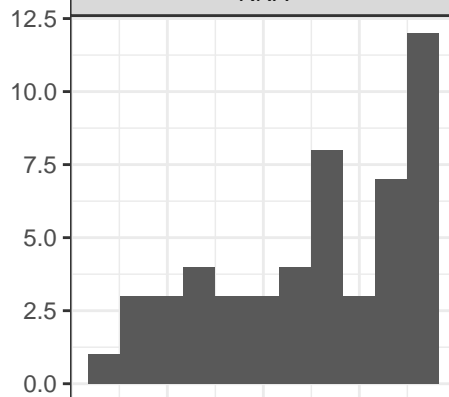


TAXCREB 01



DROSHA TARGET GENES

RNA



H3K9ac

Corr:
-0.037

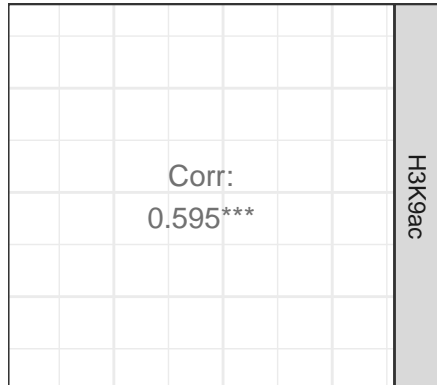
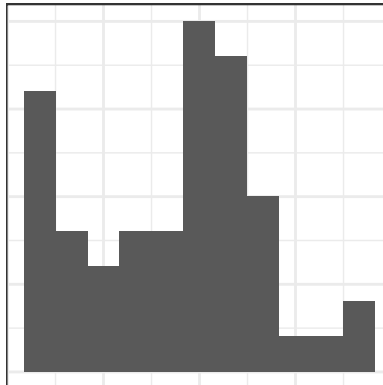
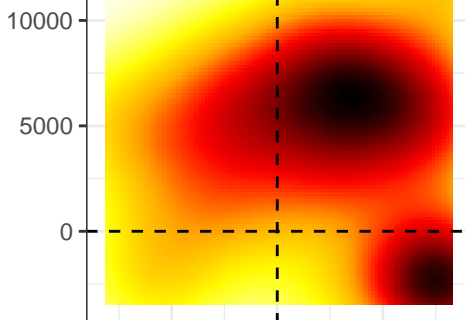
H3K36a

Corr:
-0.012

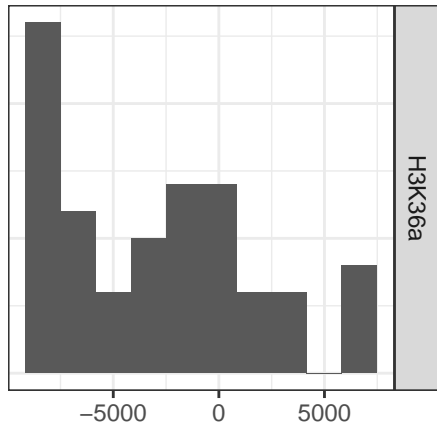
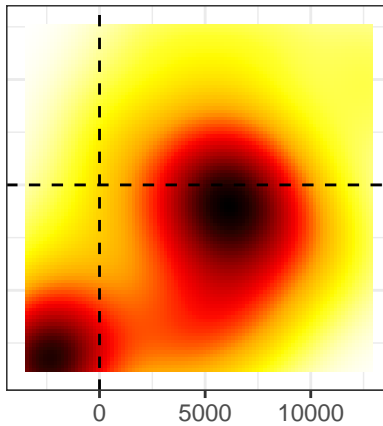
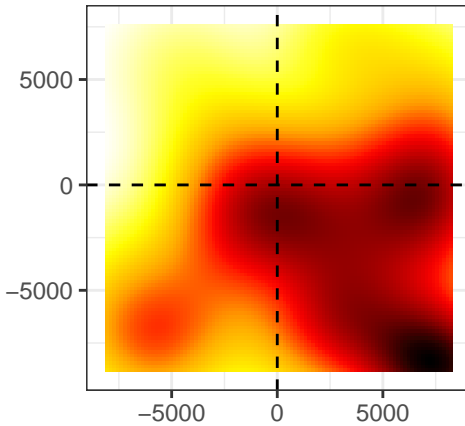
RNA

H3K9ac

H3K36a

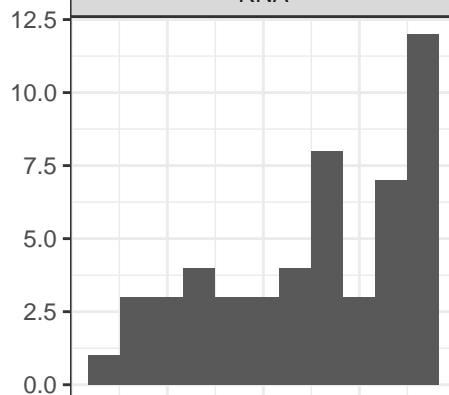


Corr:
0.595***



DROSHA TARGET GENES

RNA



H3K9ac

Corr:
-0.037

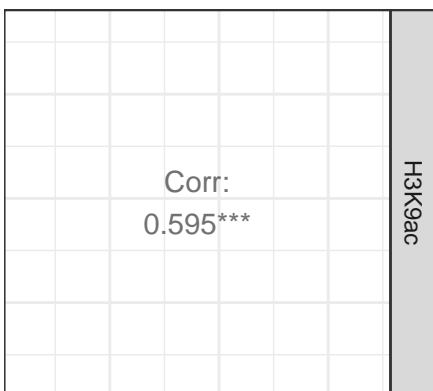
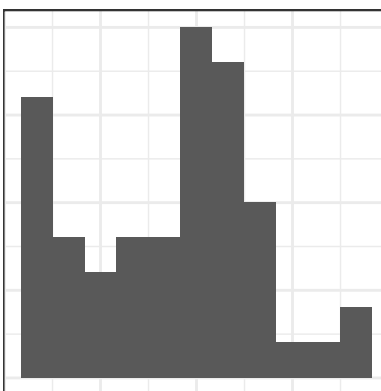
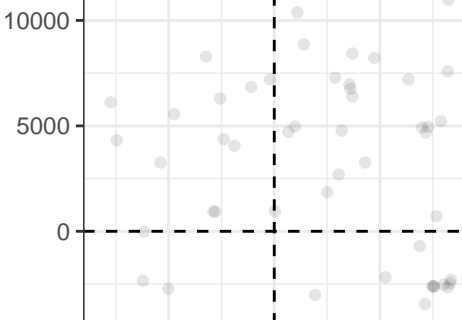
H3K36a

Corr:
-0.012

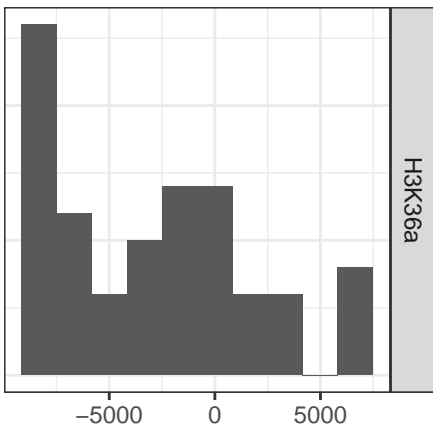
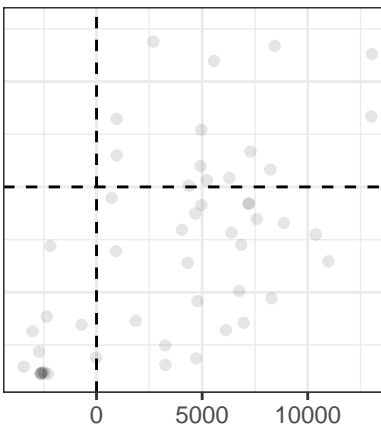
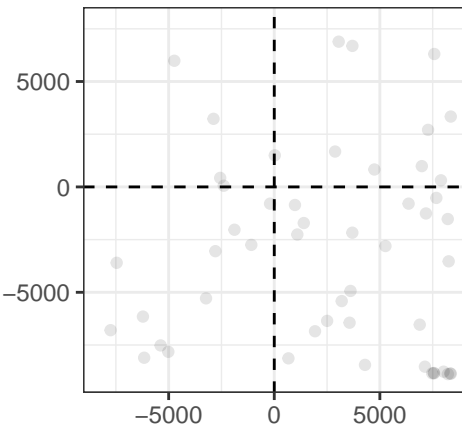
RNA

H3K9ac

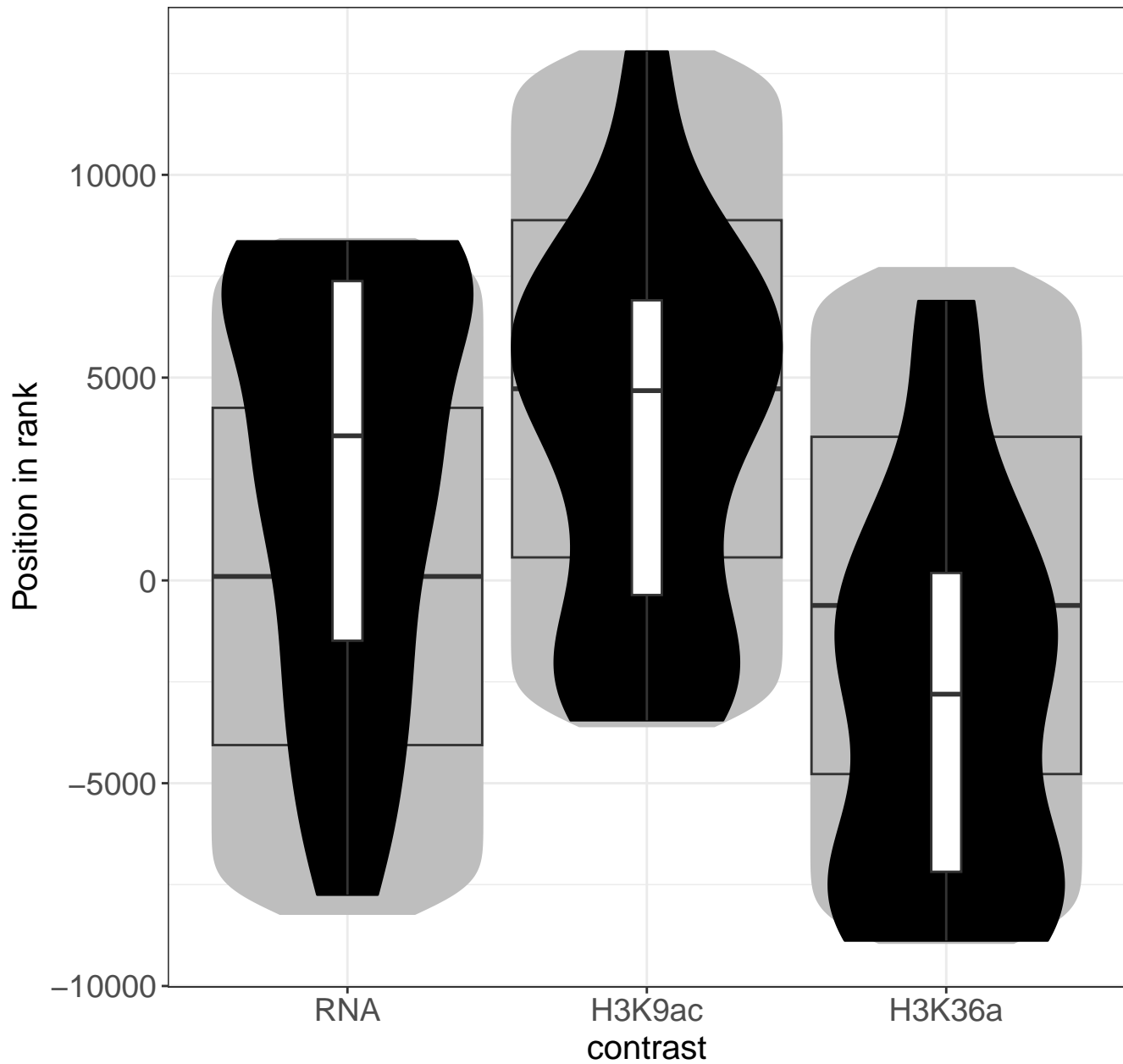
H3K36a



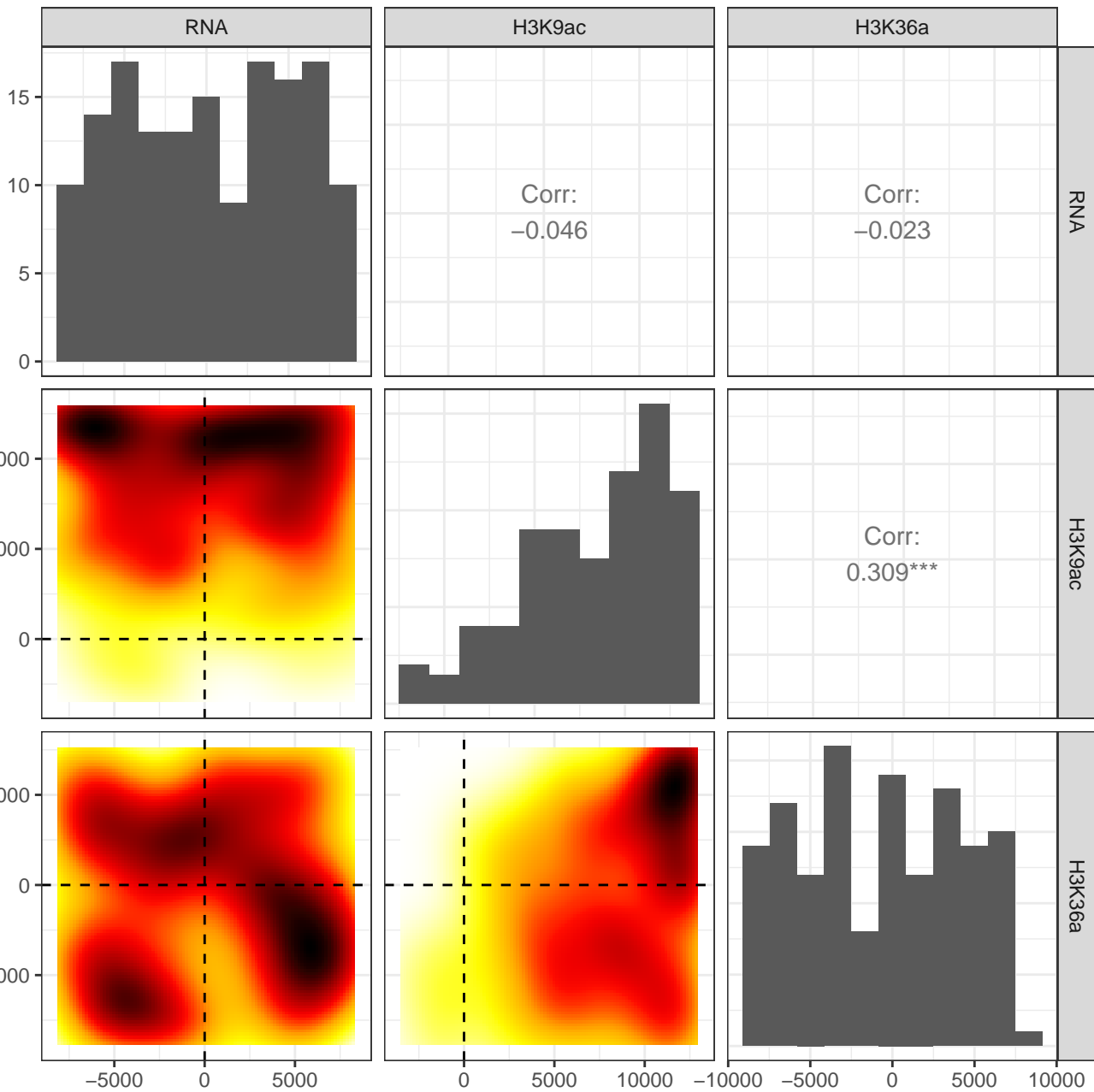
Corr:
0.595***



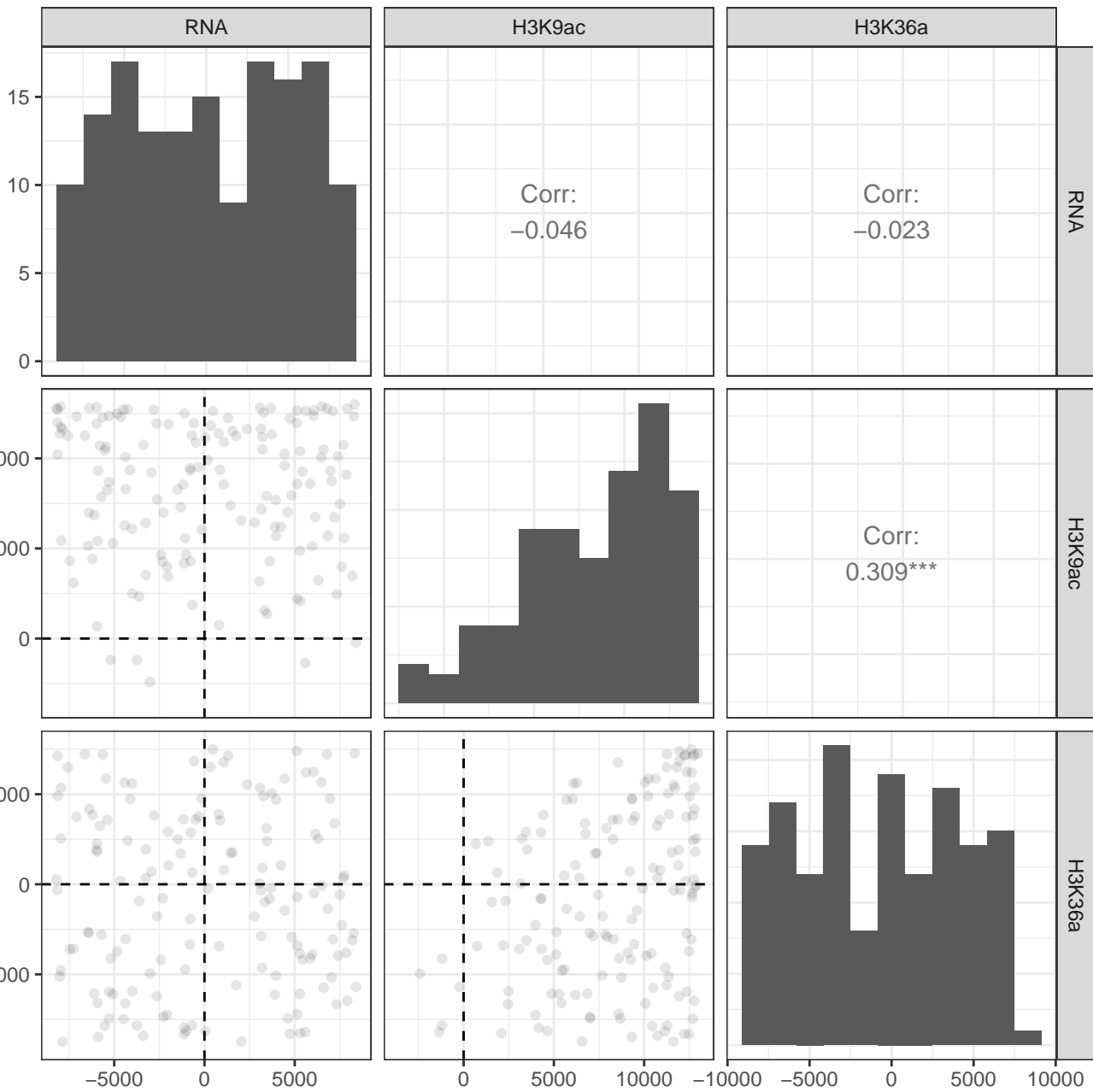
DROSHA TARGET GENES



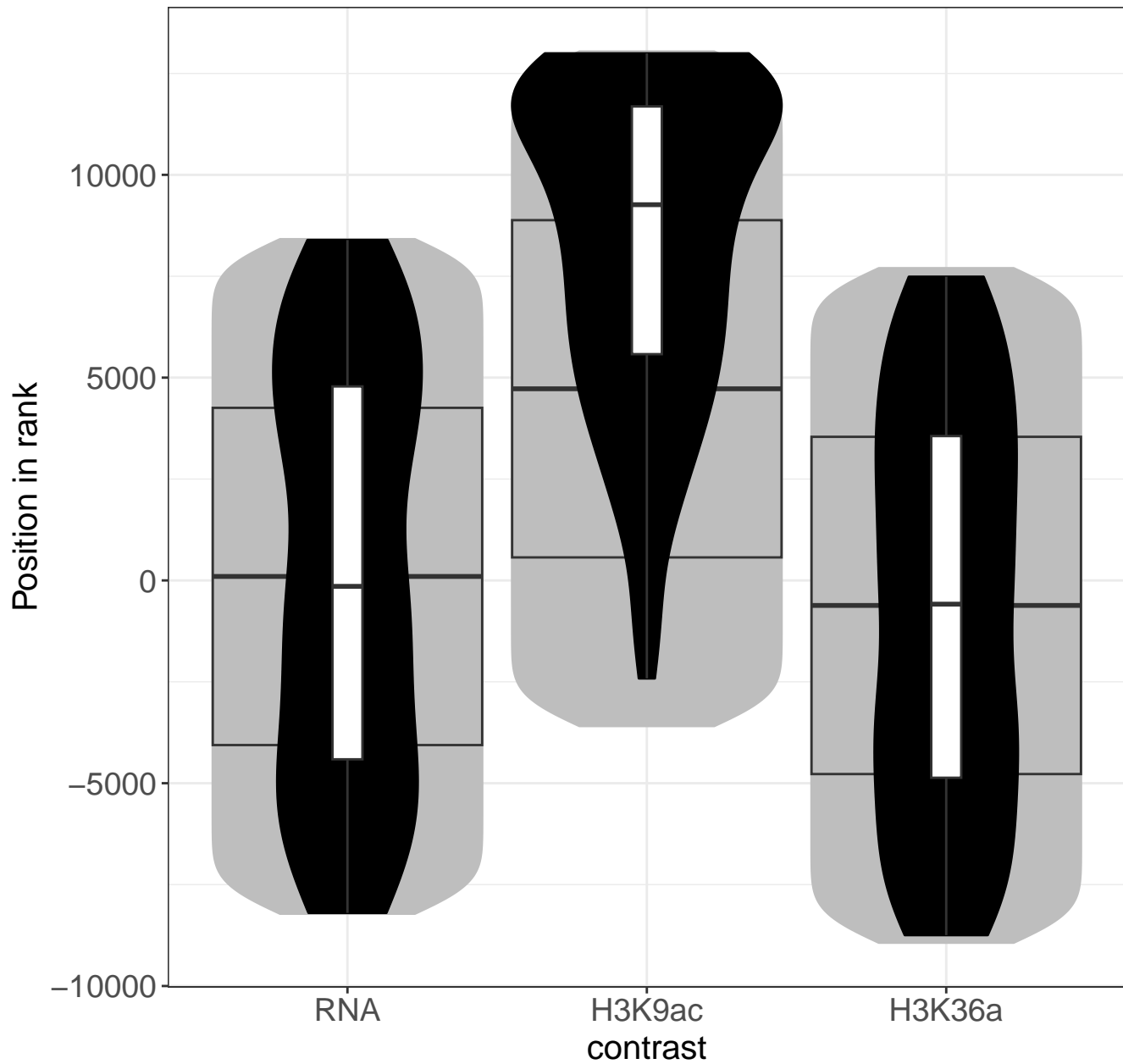
RUVBL1 TARGET GENES



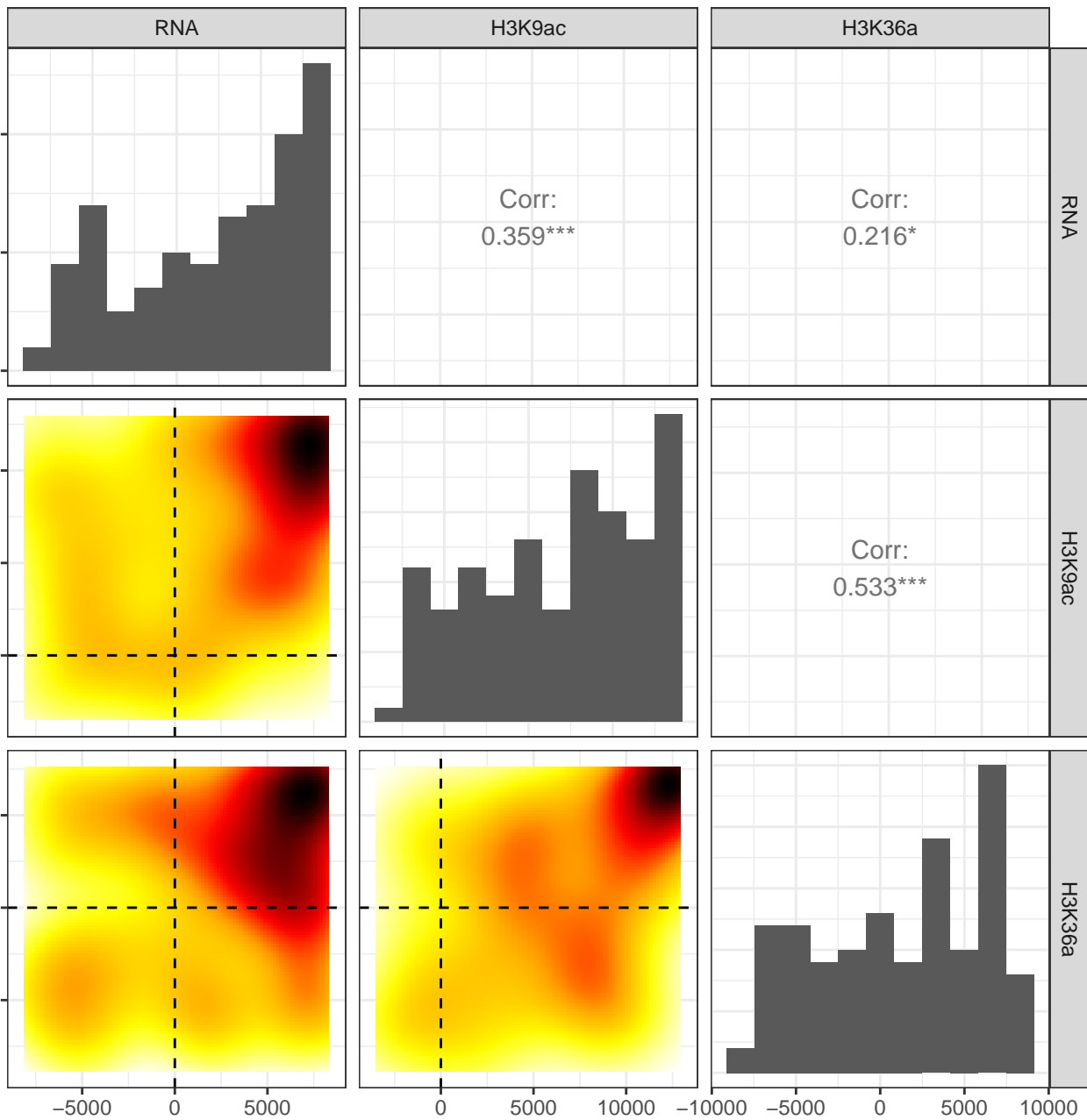
RUVBL1 TARGET GENES



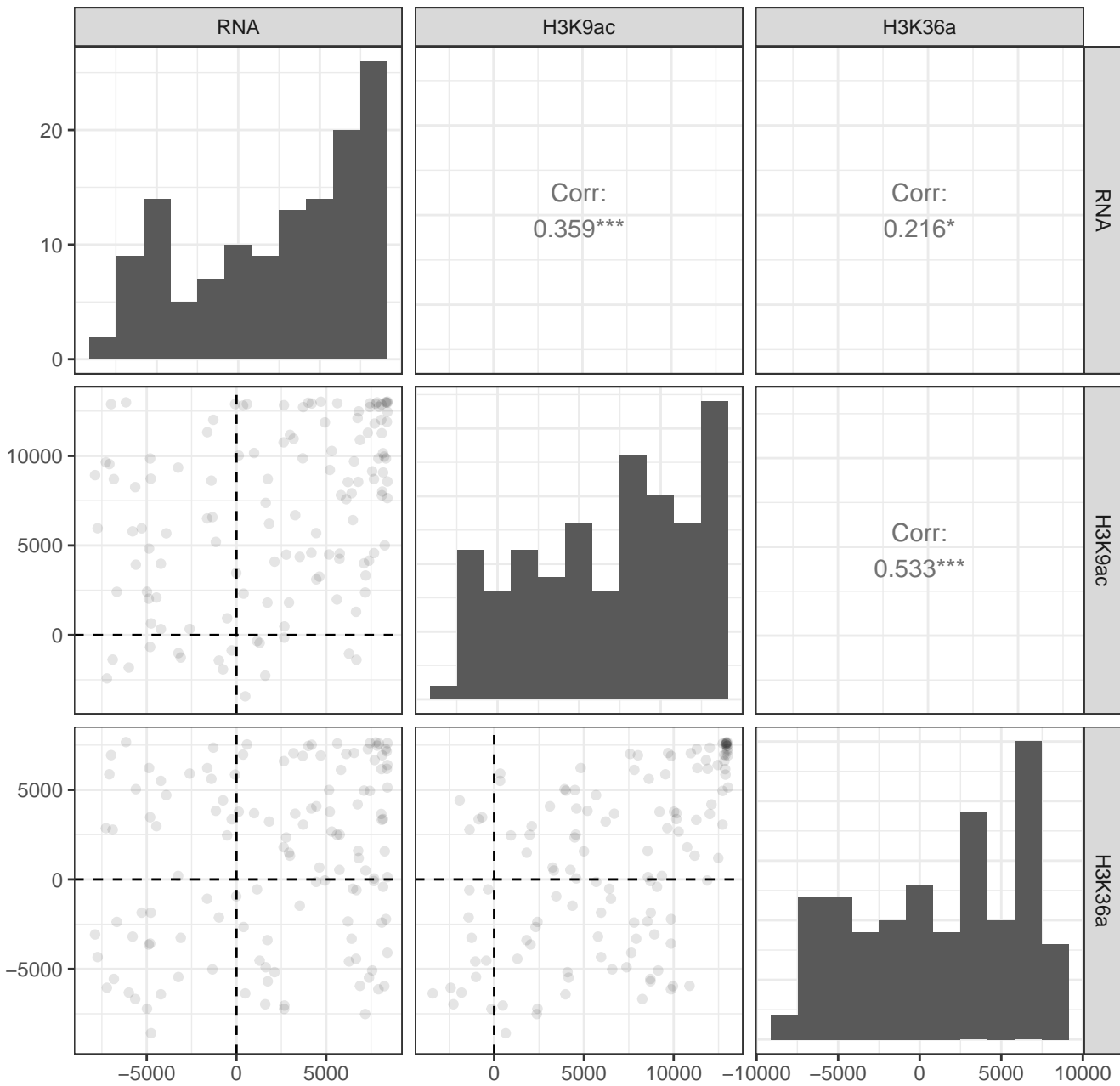
RUVBL1 TARGET GENES



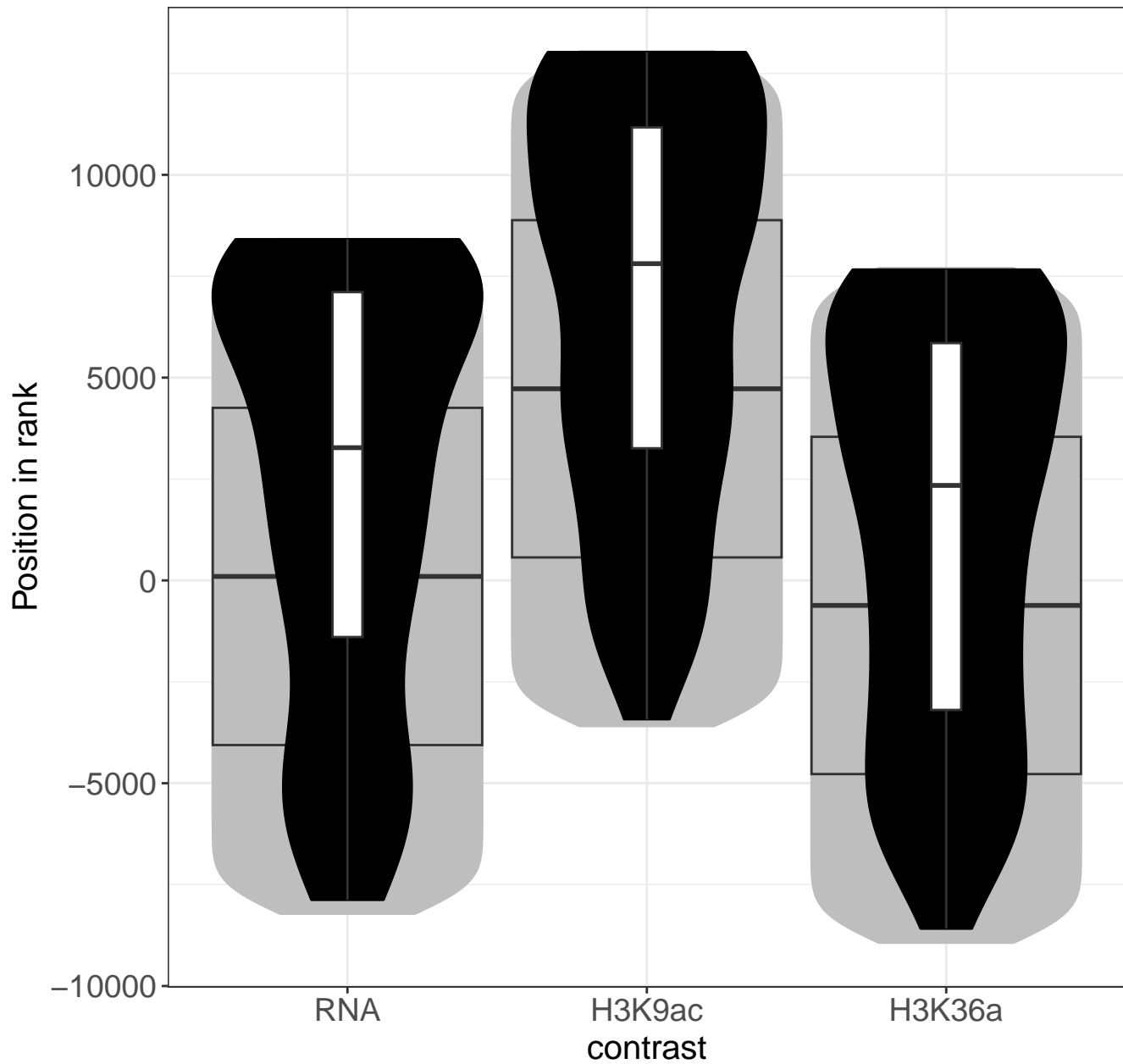
TTCNRGNNNTTC HSF Q6



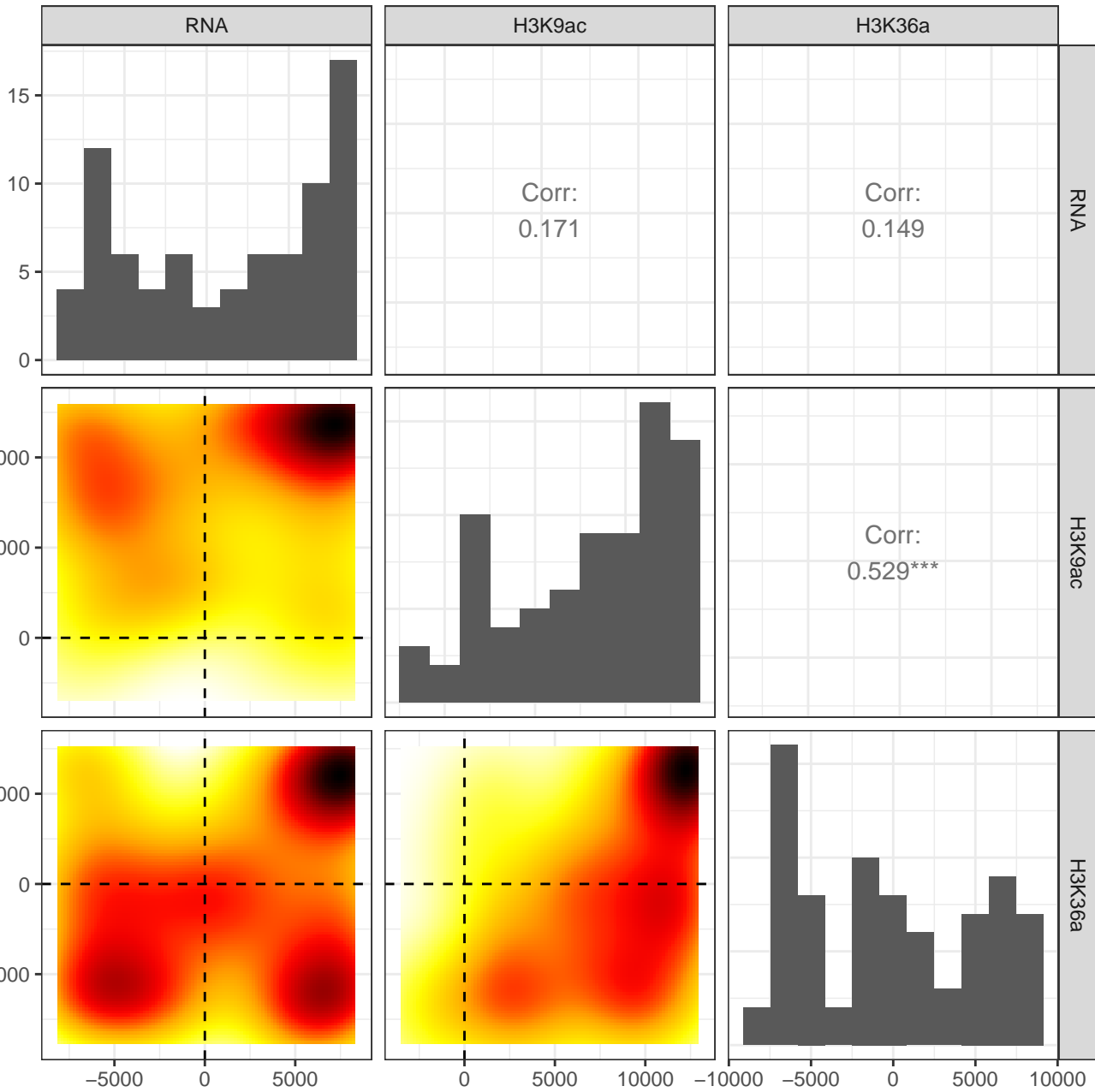
TTCNRGNNNTTC HSF Q6



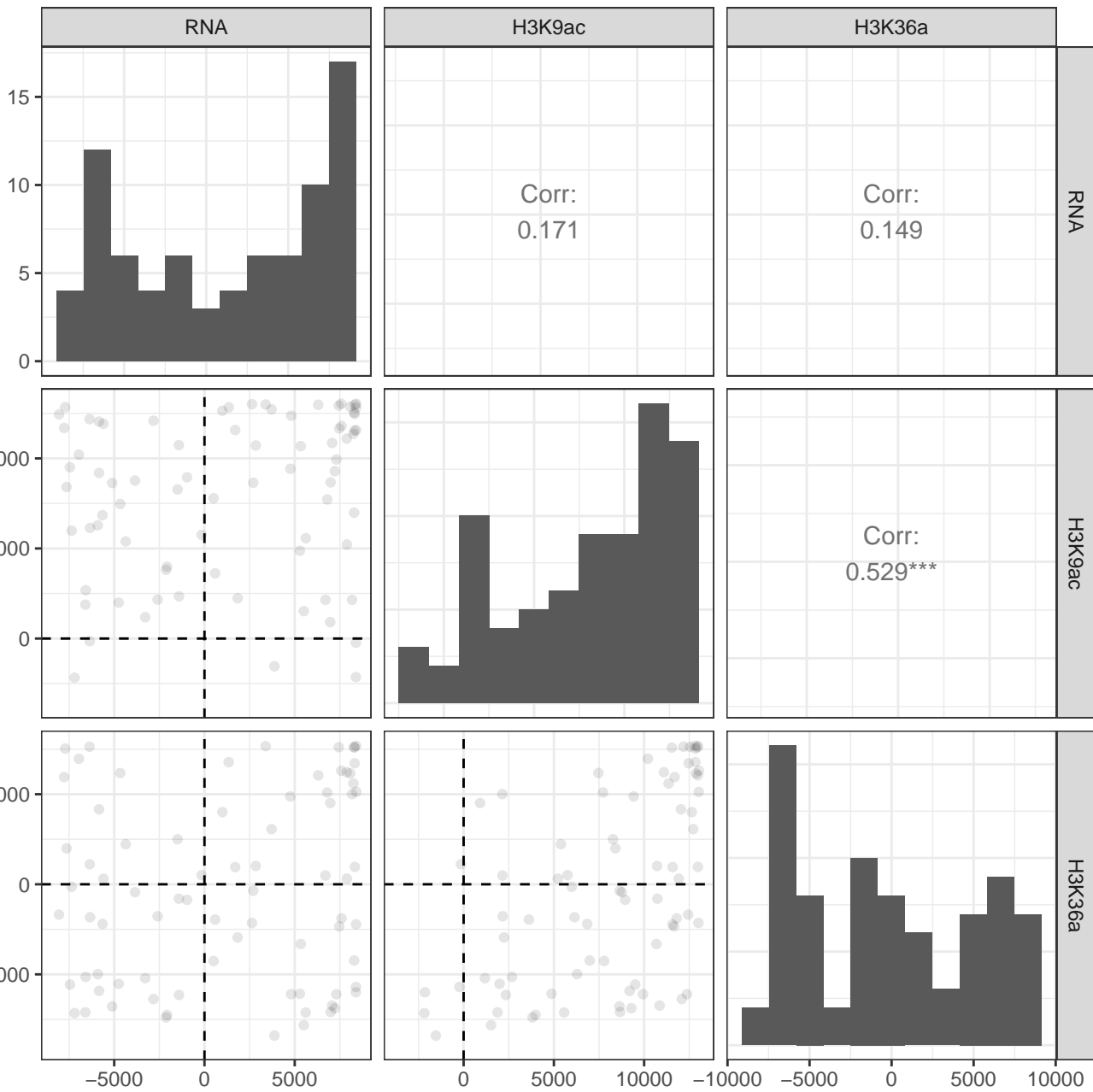
TTCNRGNNNTTC HSF Q6



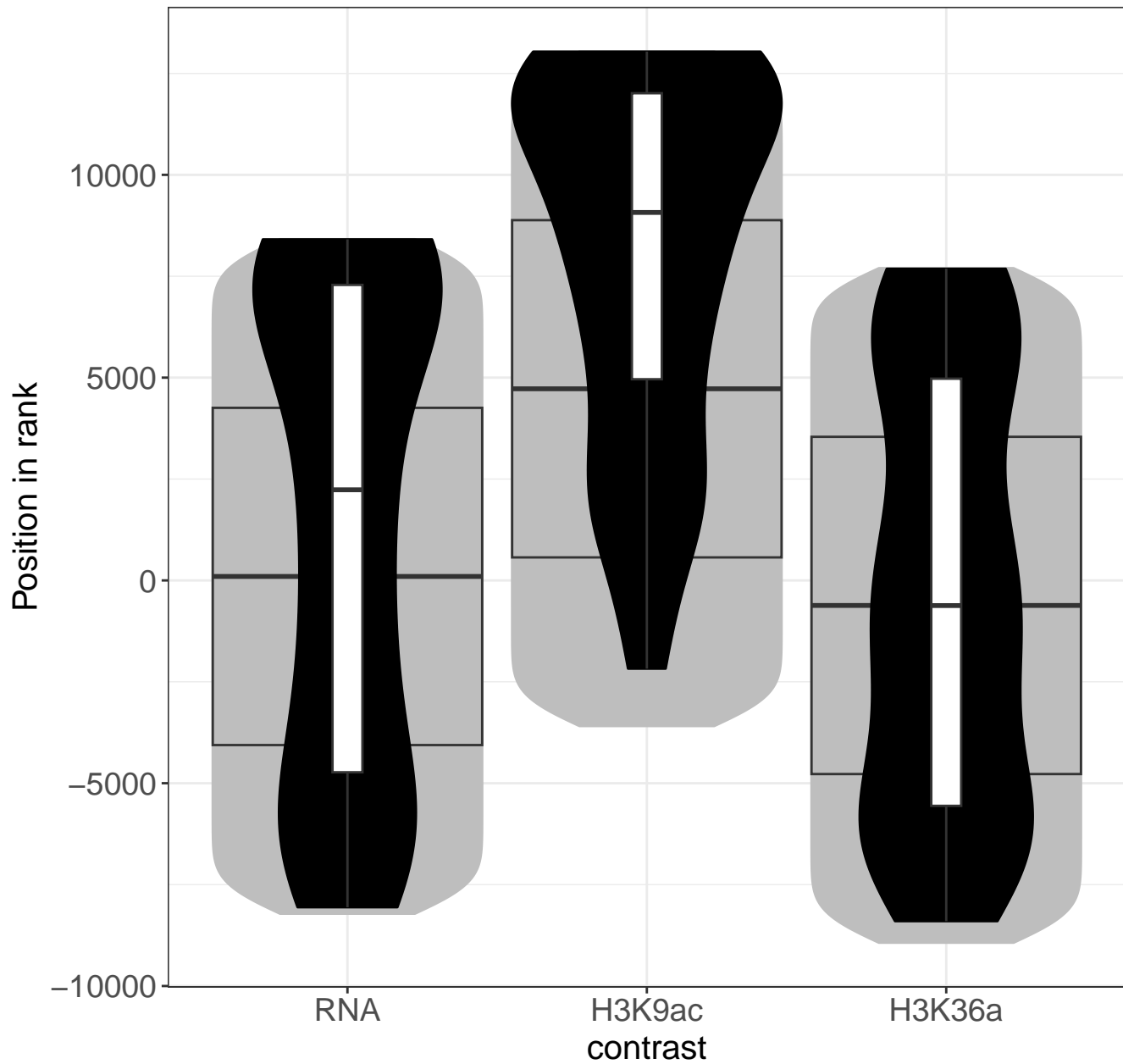
MAPK3 TARGET GENES



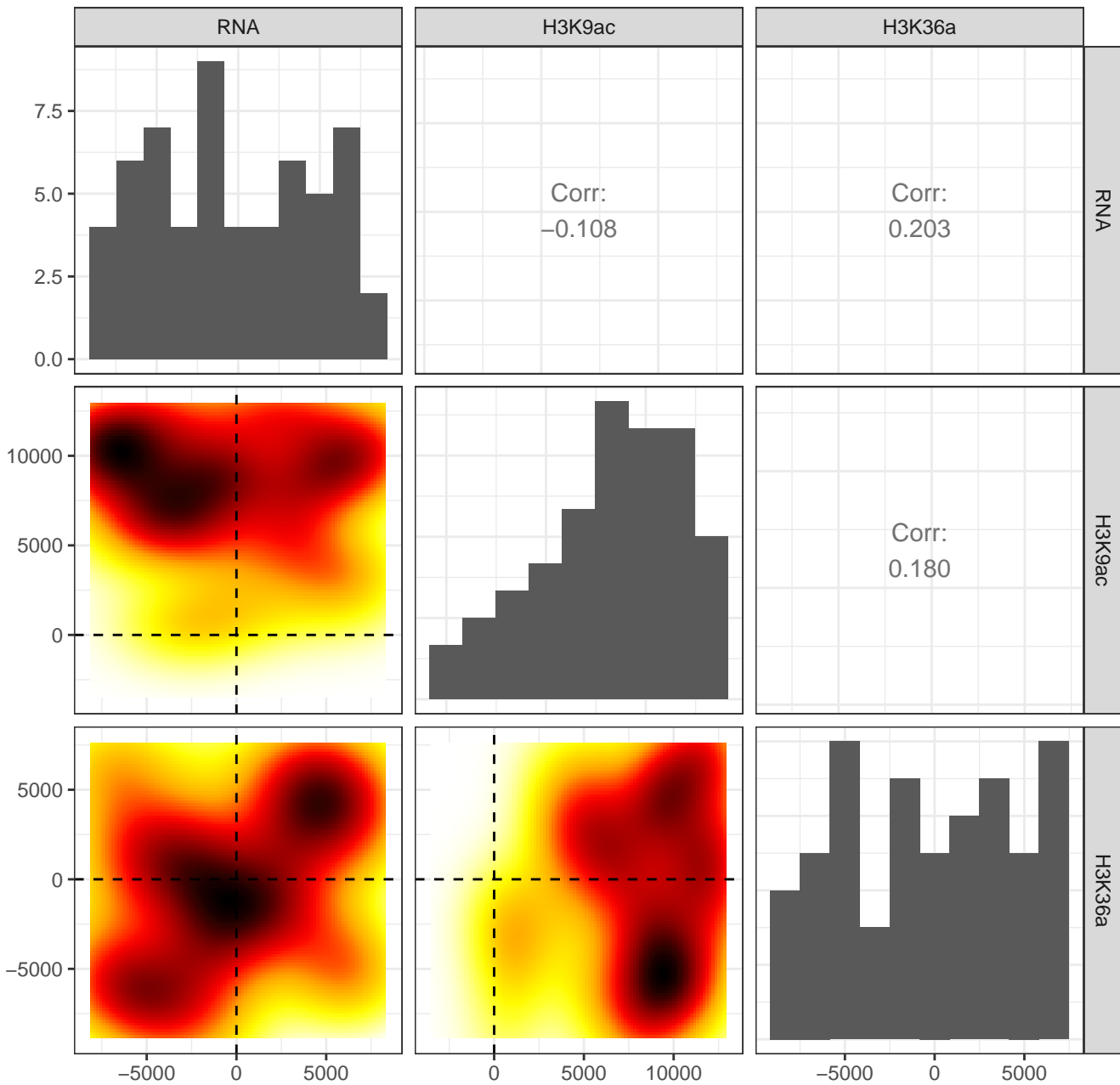
MAPK3 TARGET GENES



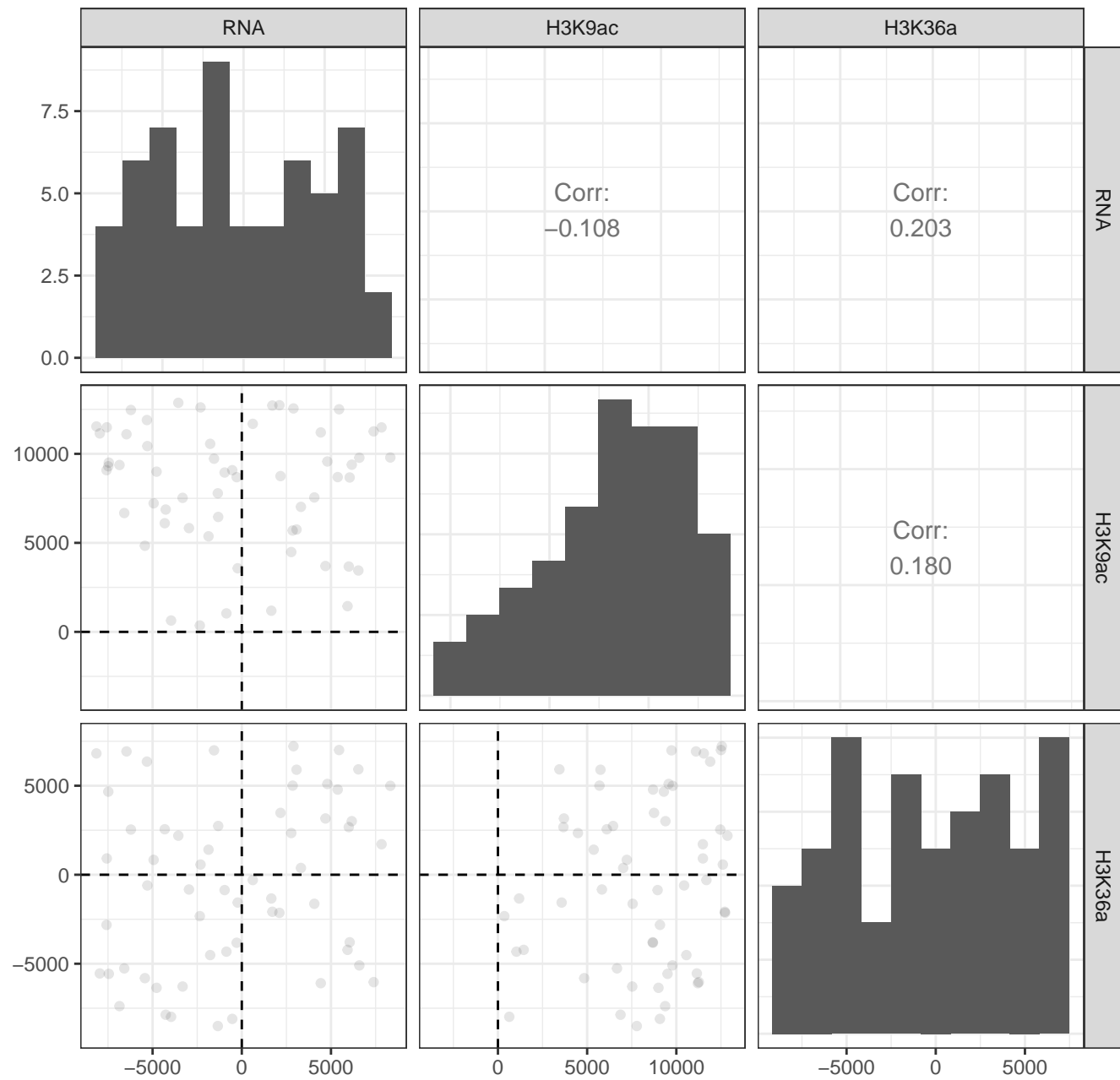
MAPK3 TARGET GENES



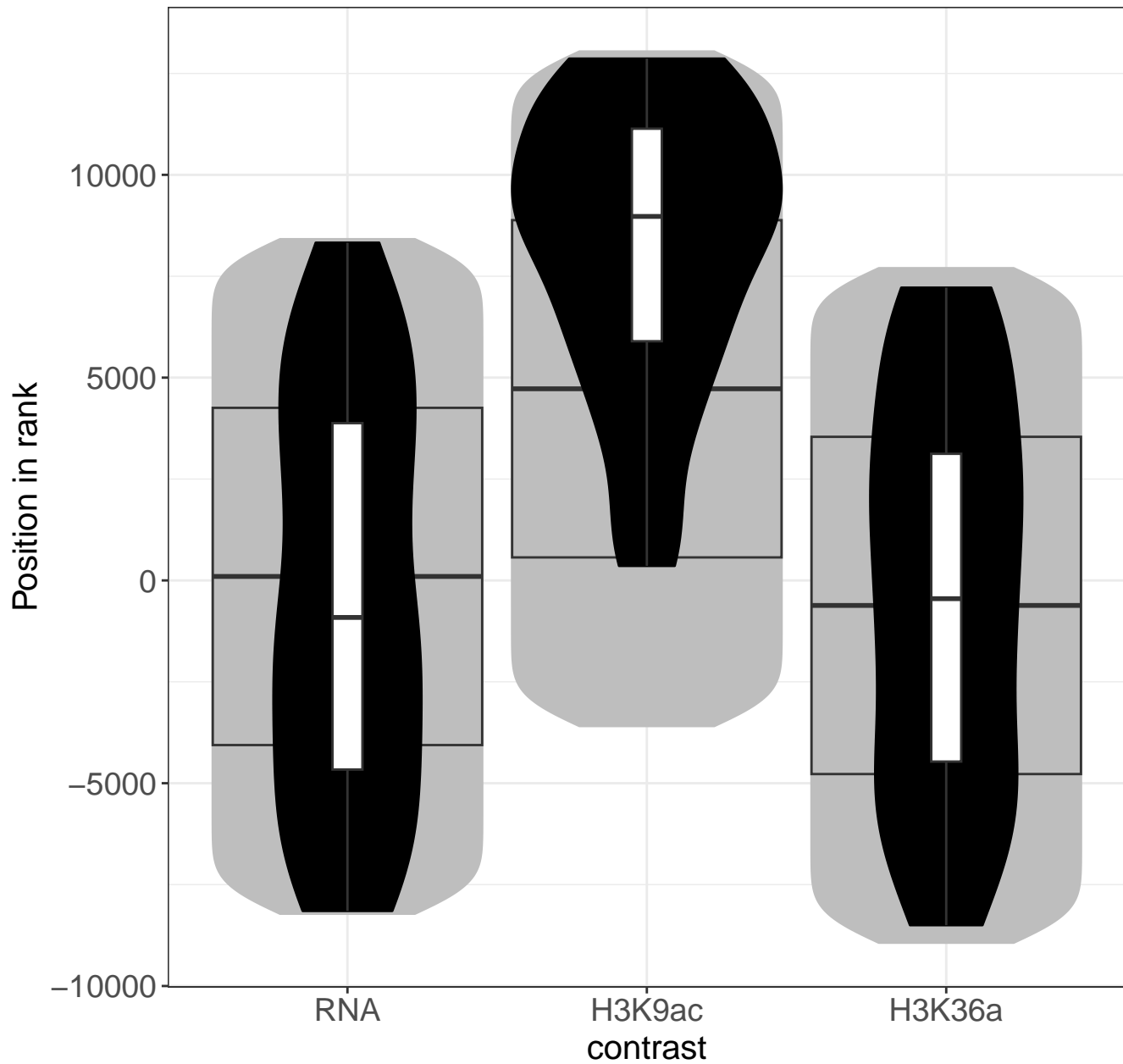
RAX2 TARGET GENES



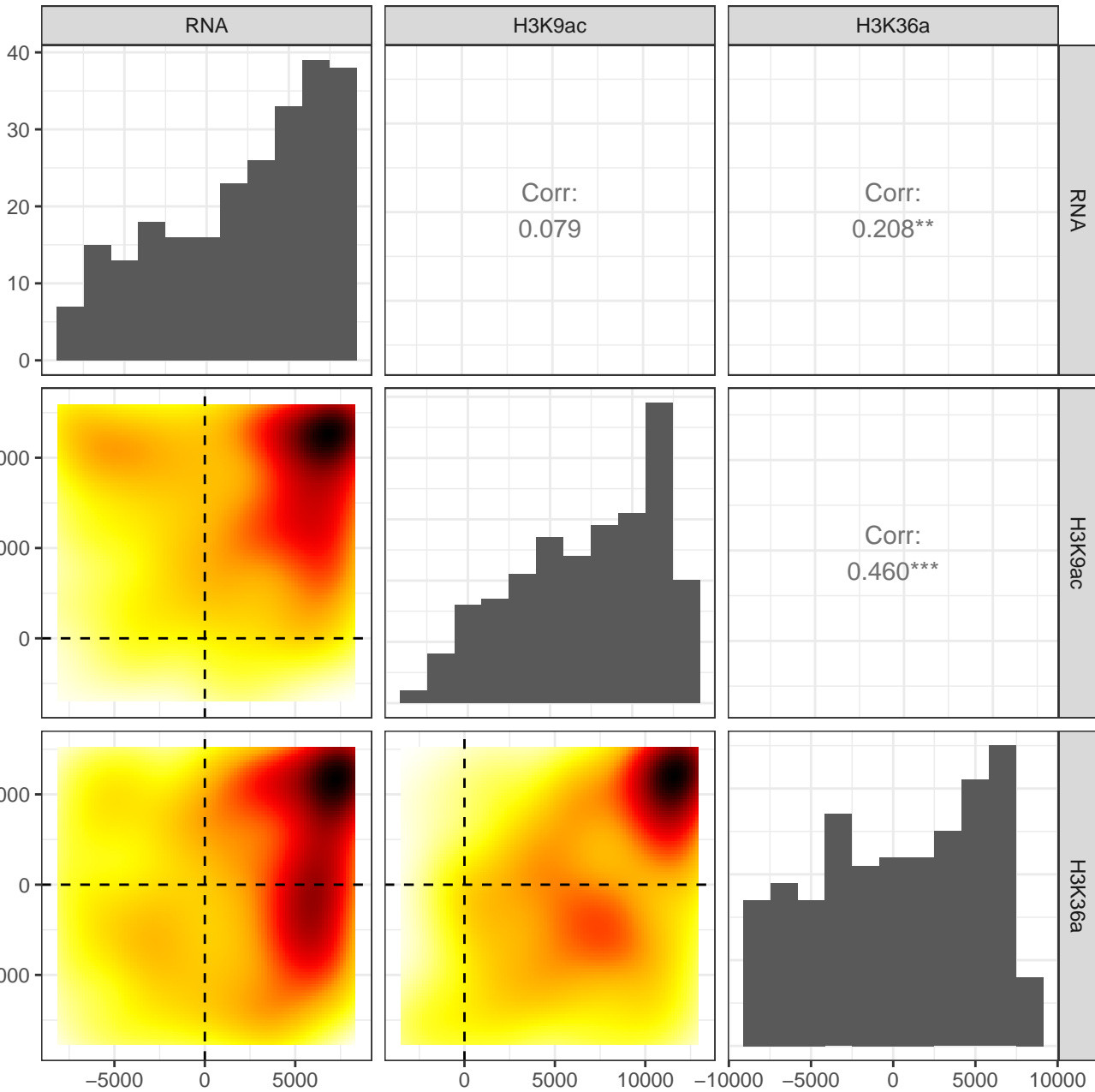
RAX2 TARGET GENES



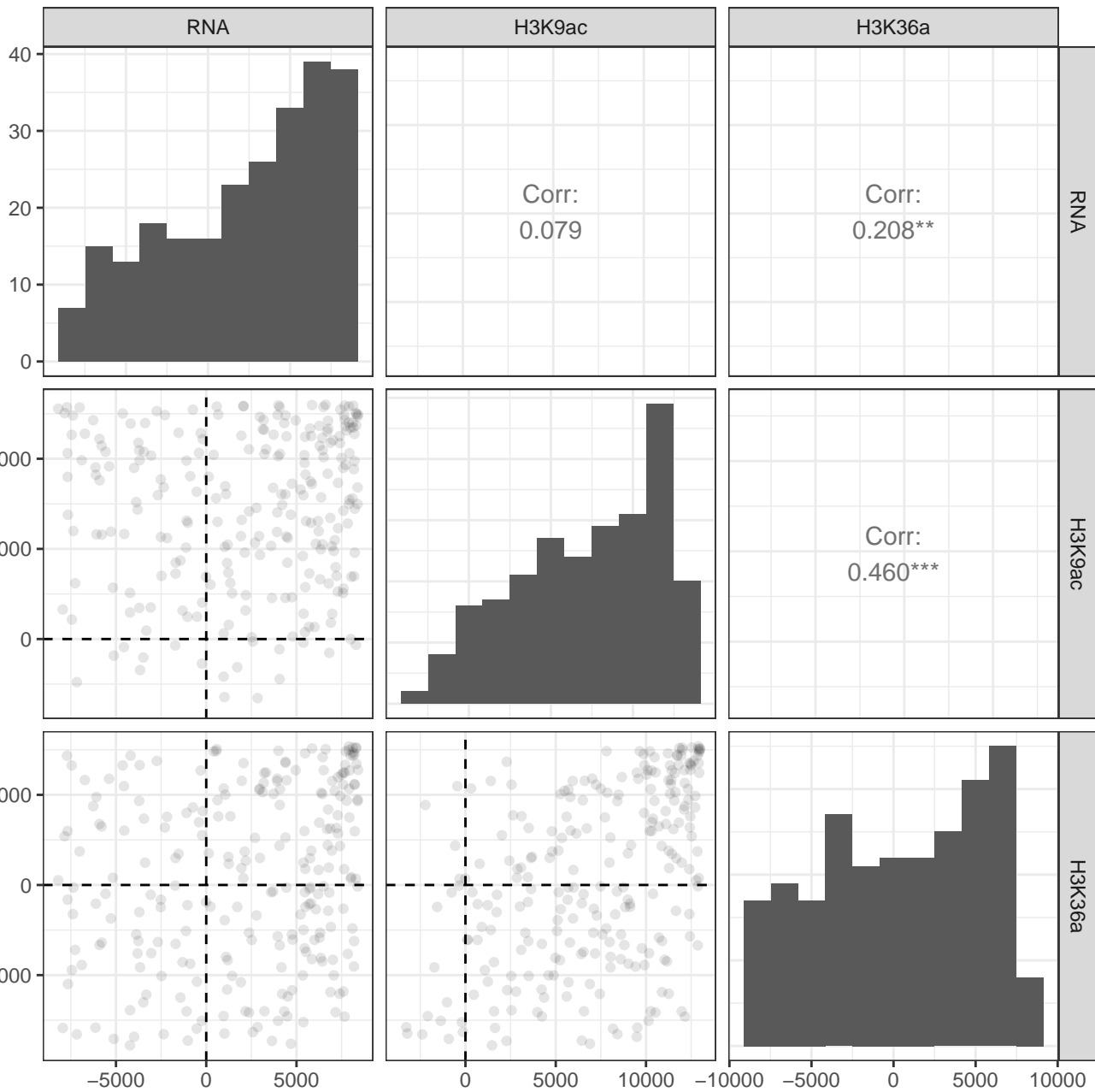
RAX2 TARGET GENES



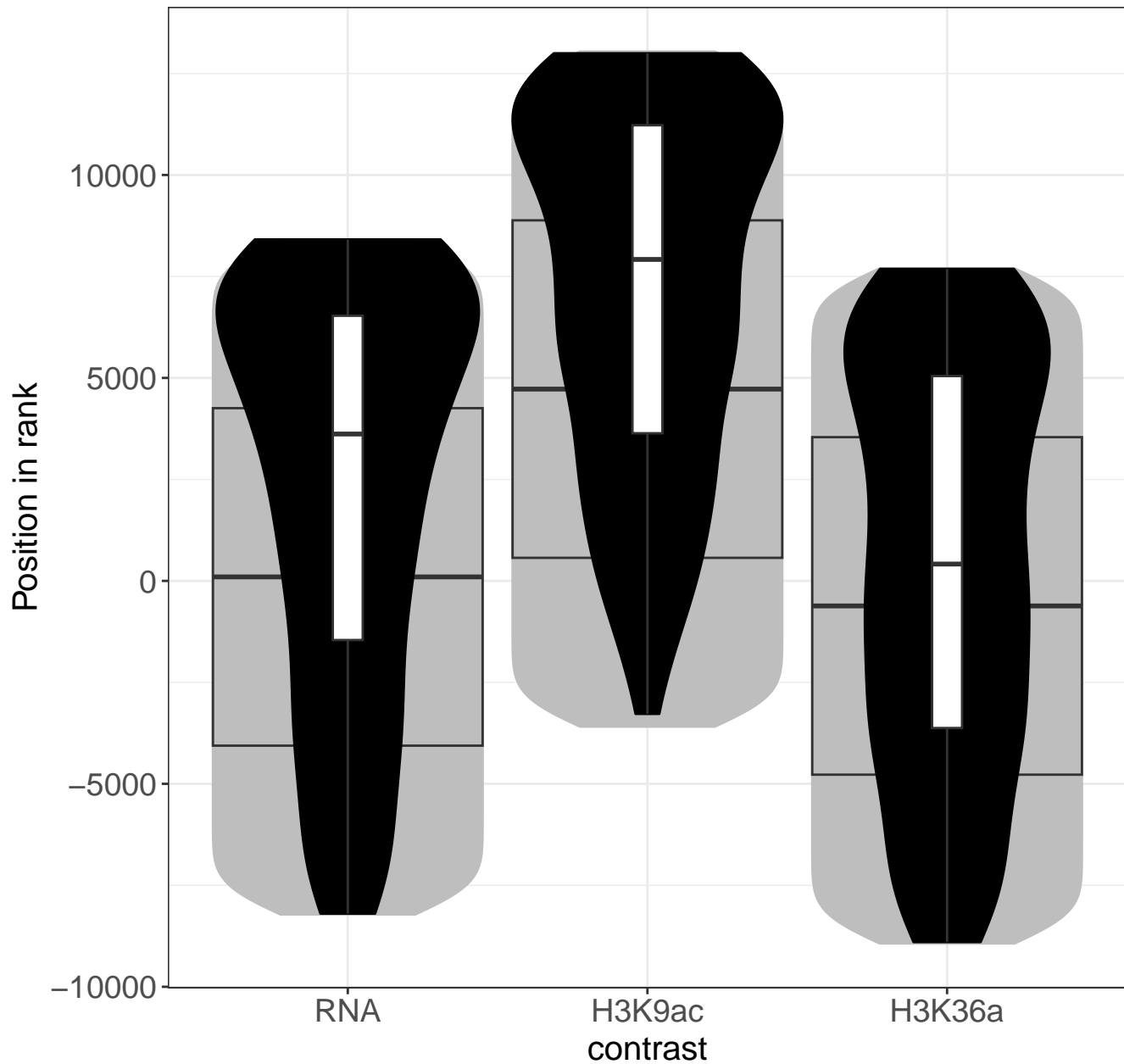
E4F1 Q6



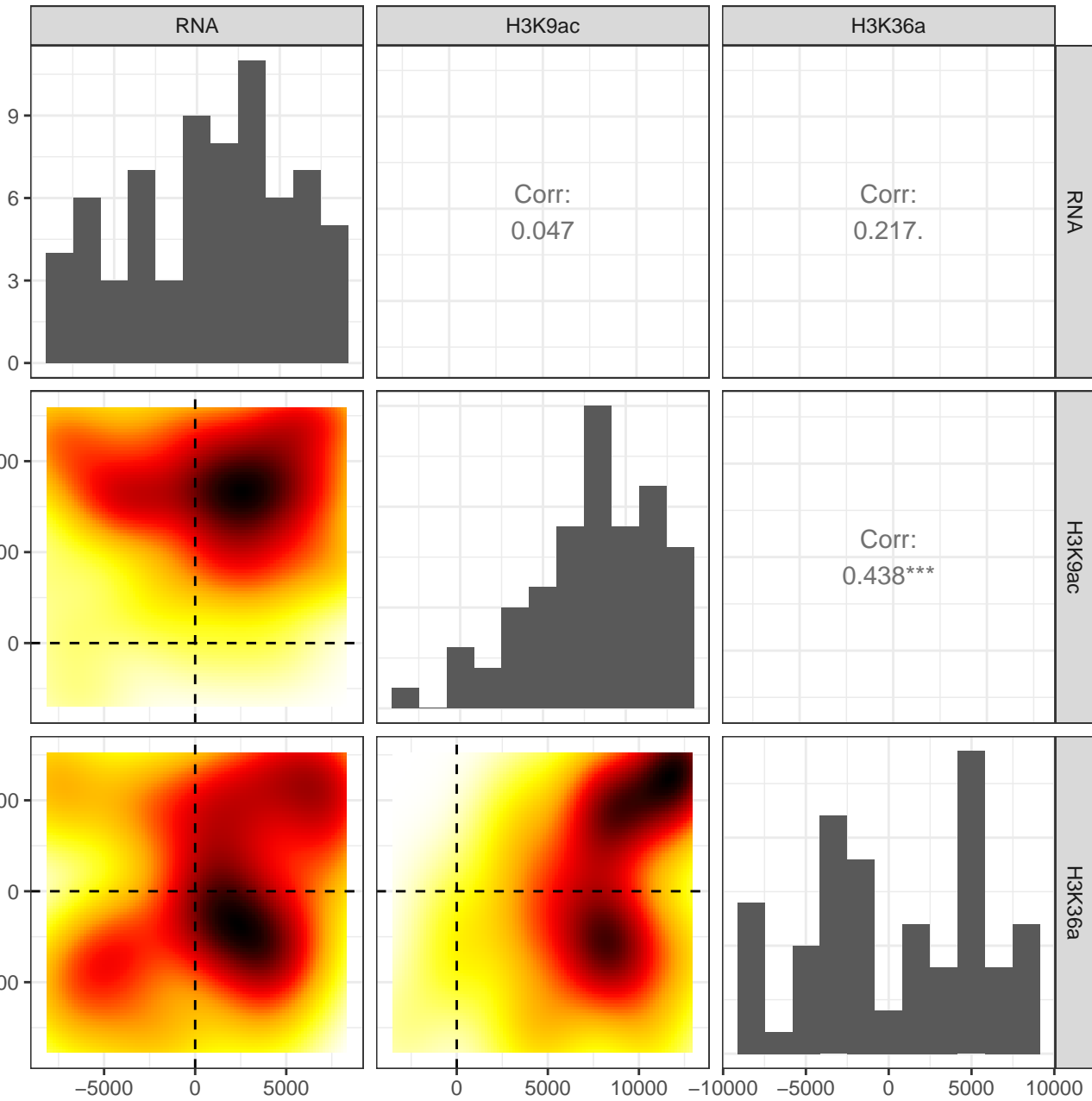
E4F1 Q6



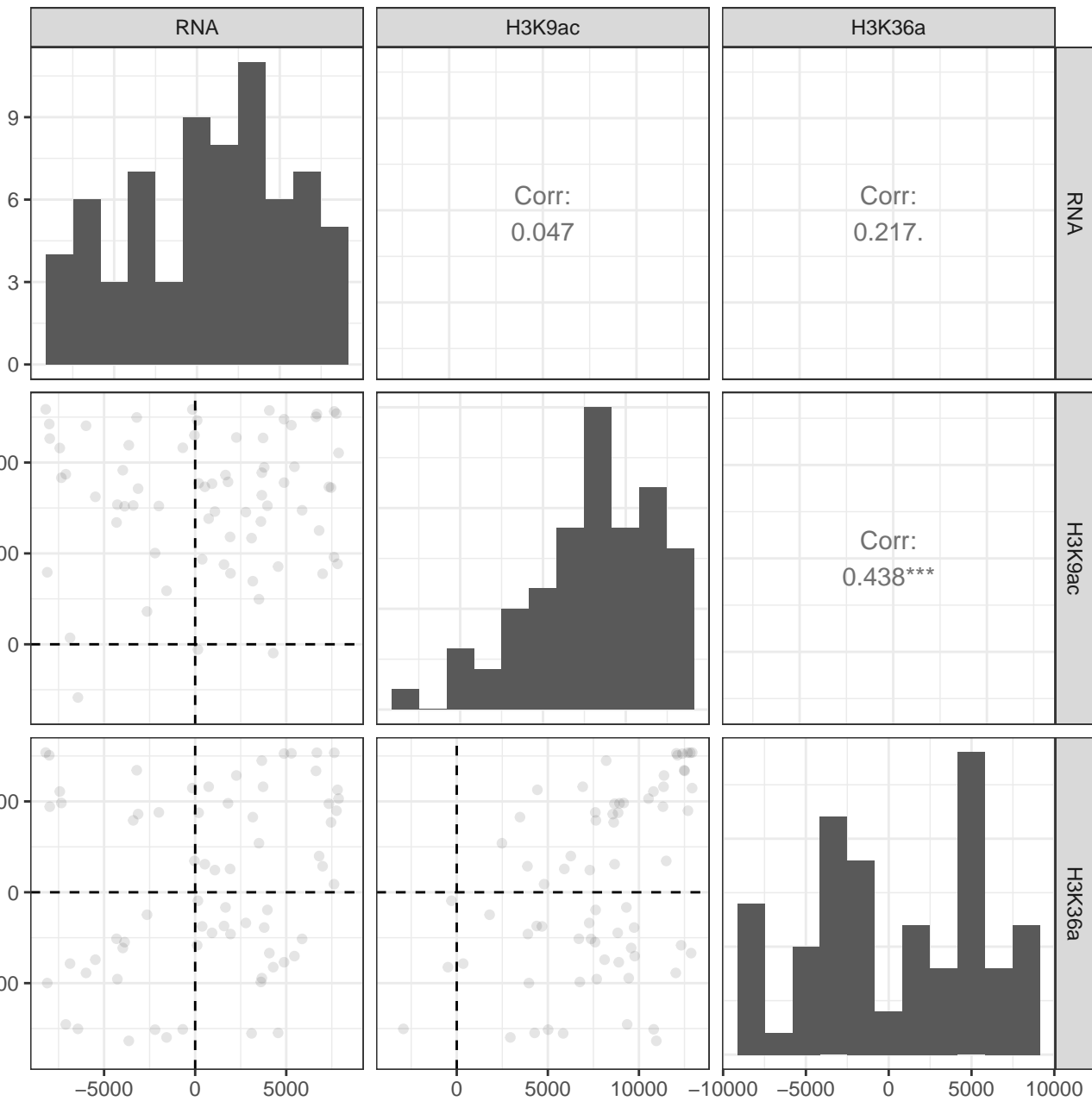
E4F1 Q6



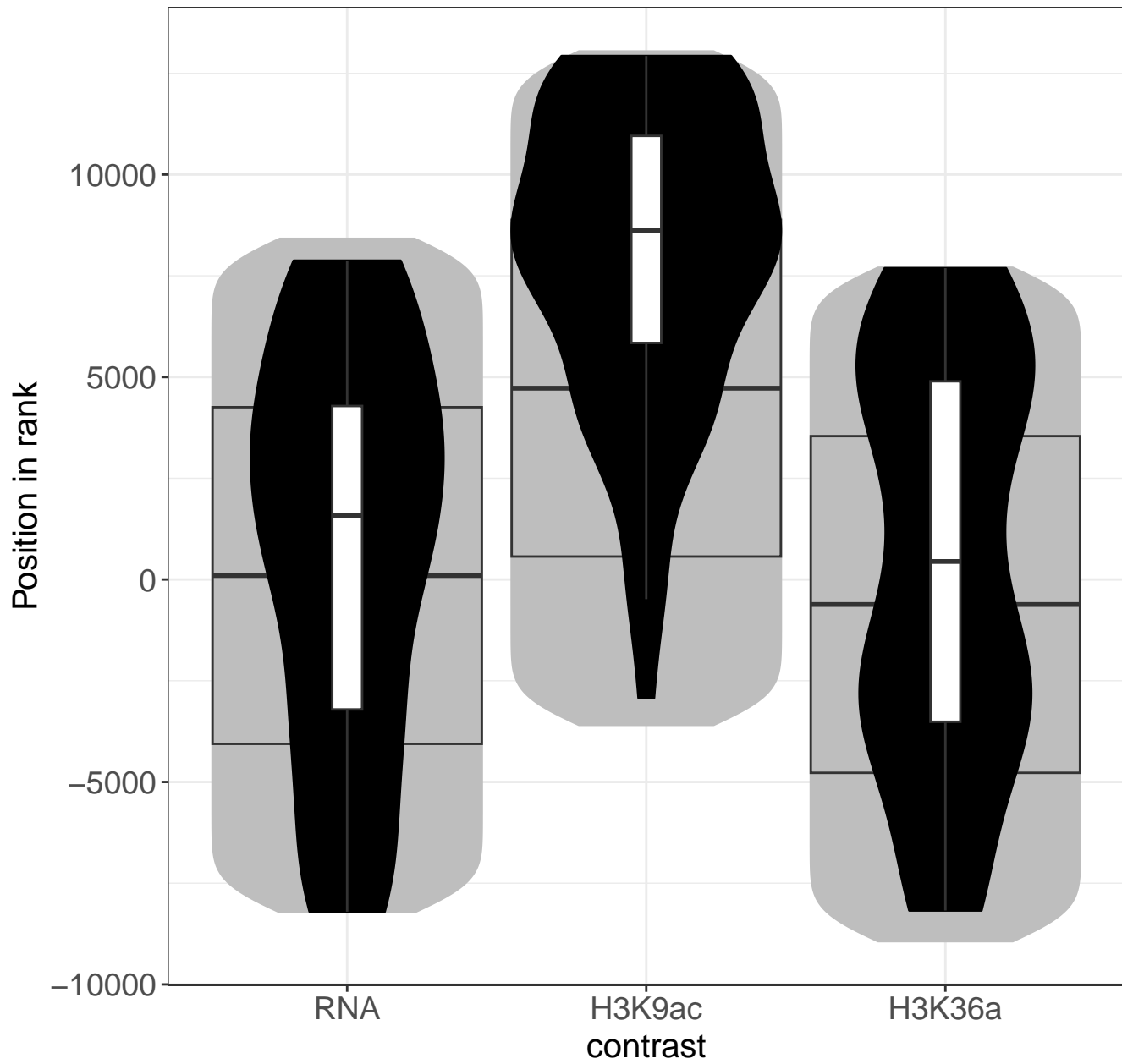
ZNF704 TARGET GENES



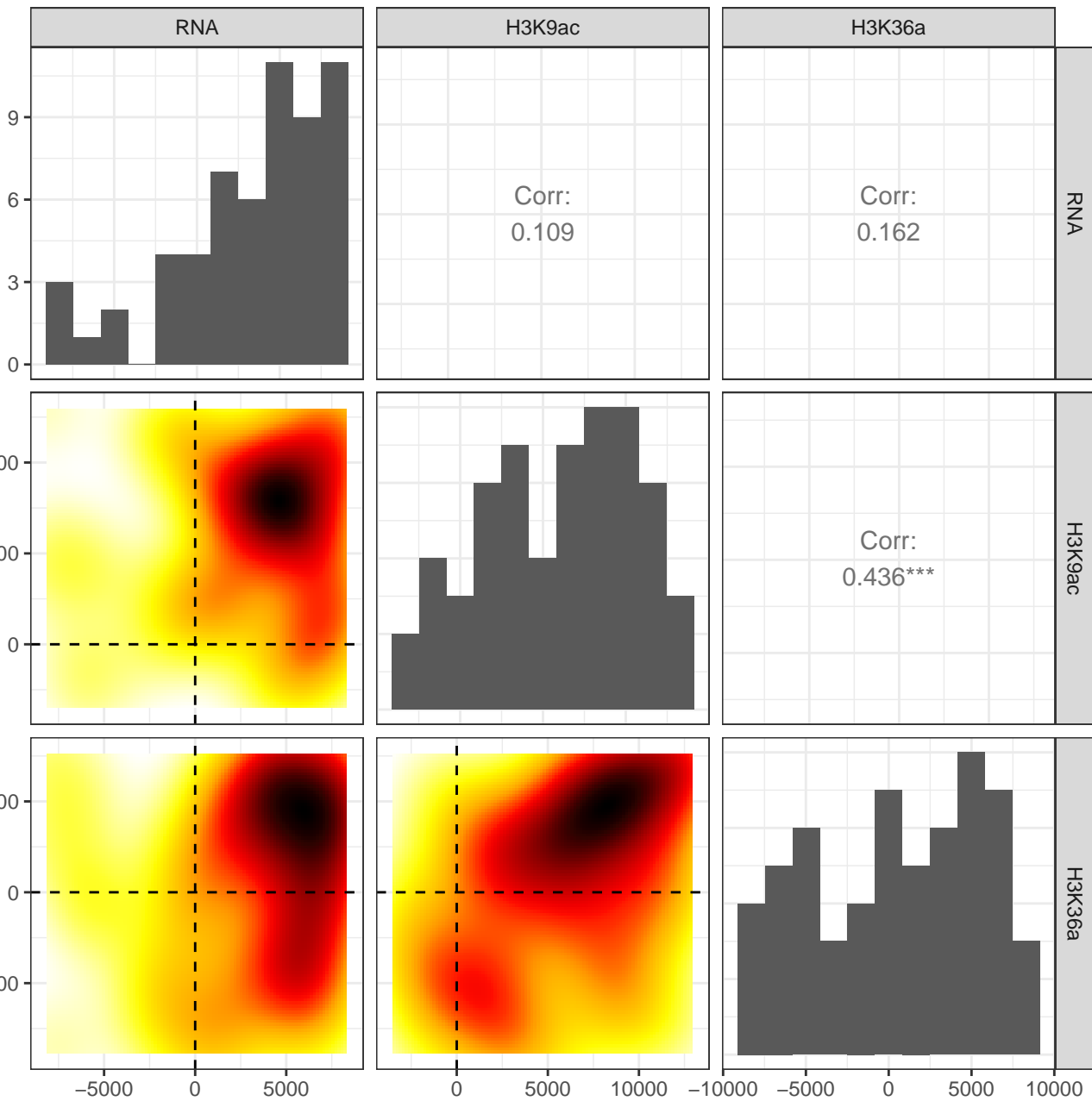
ZNF704 TARGET GENES



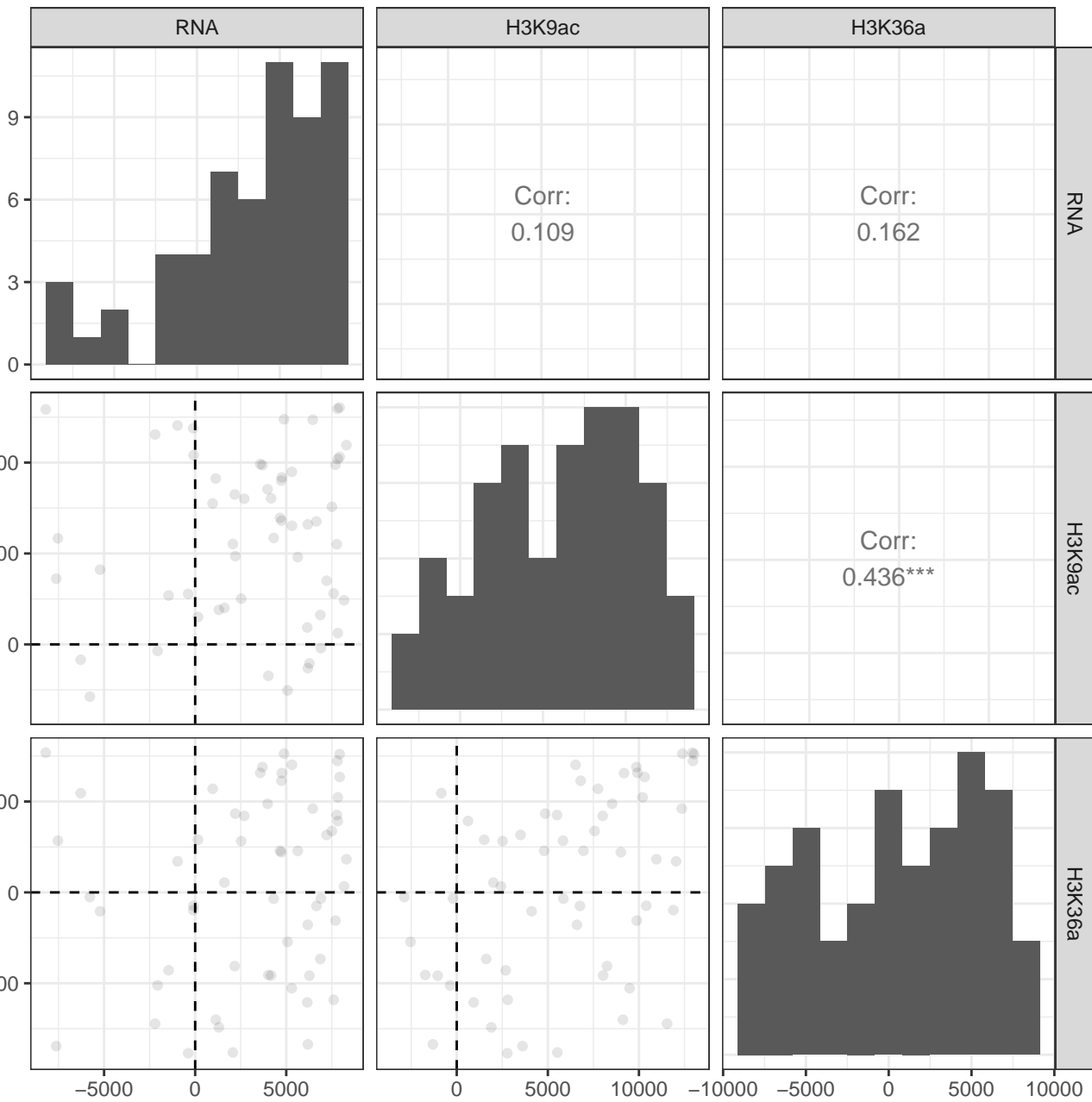
ZNF704 TARGET GENES



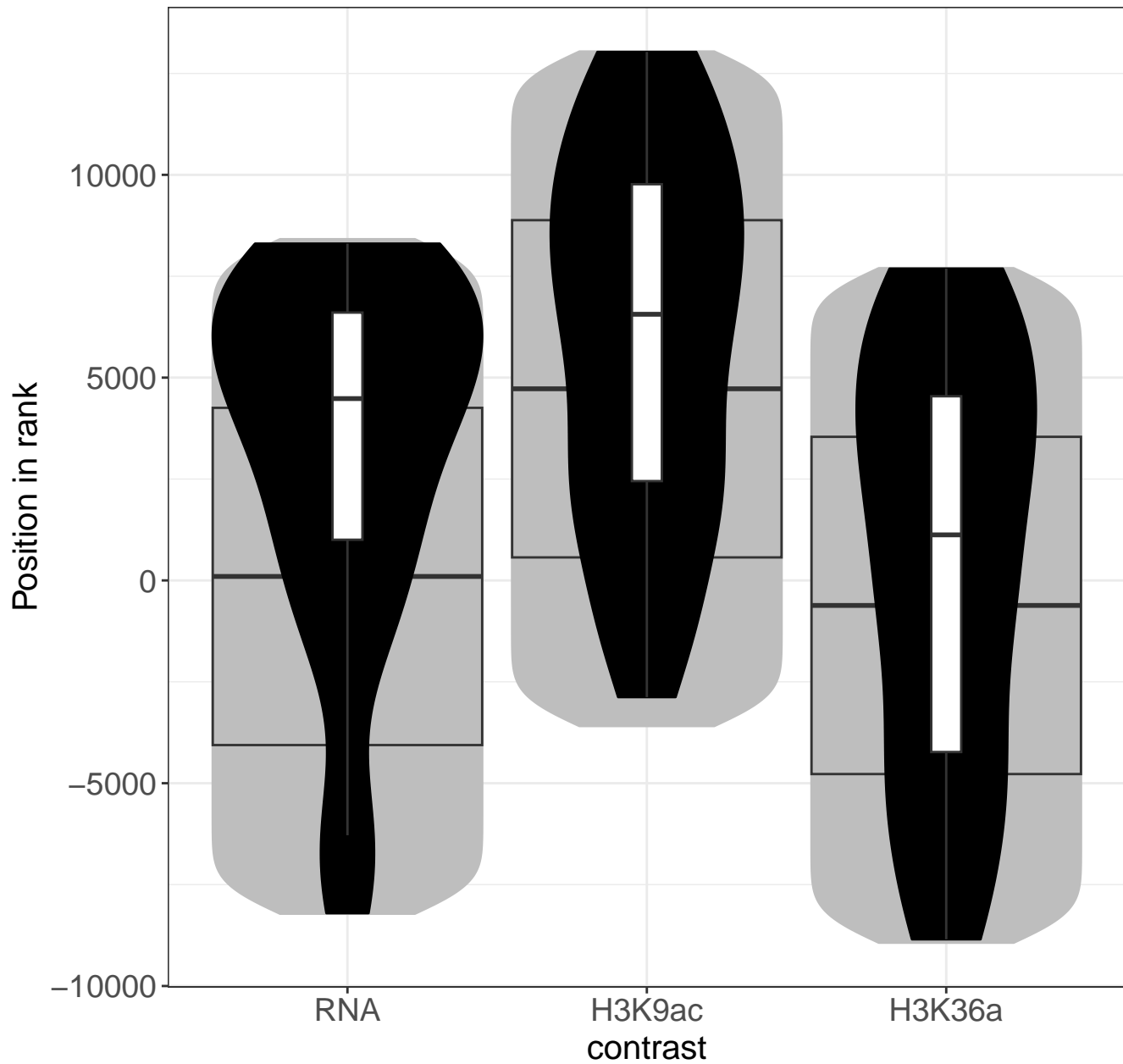
YRTCANNRCGC UNKNOWN



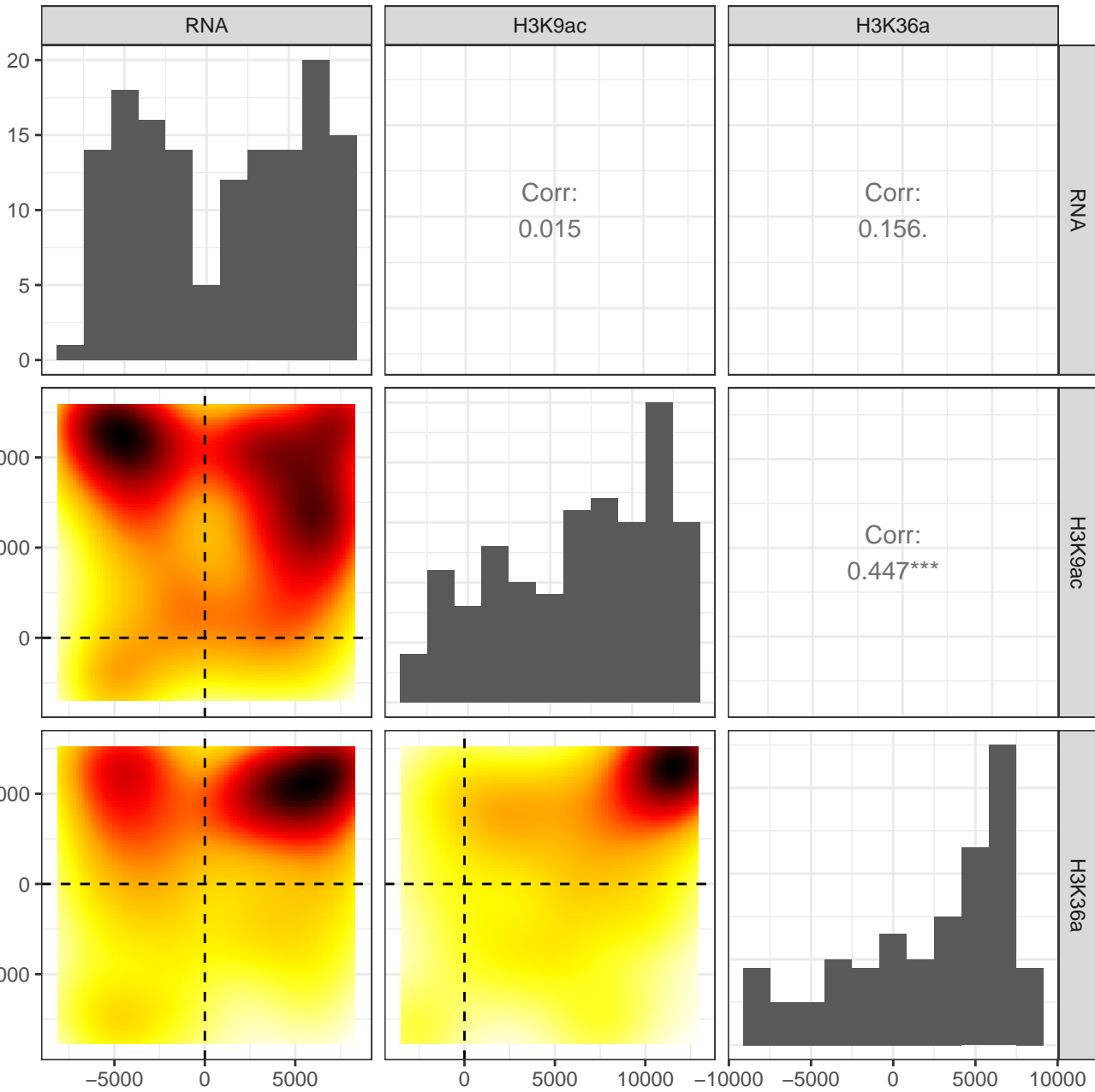
YRTCANNRCGC UNKNOWN



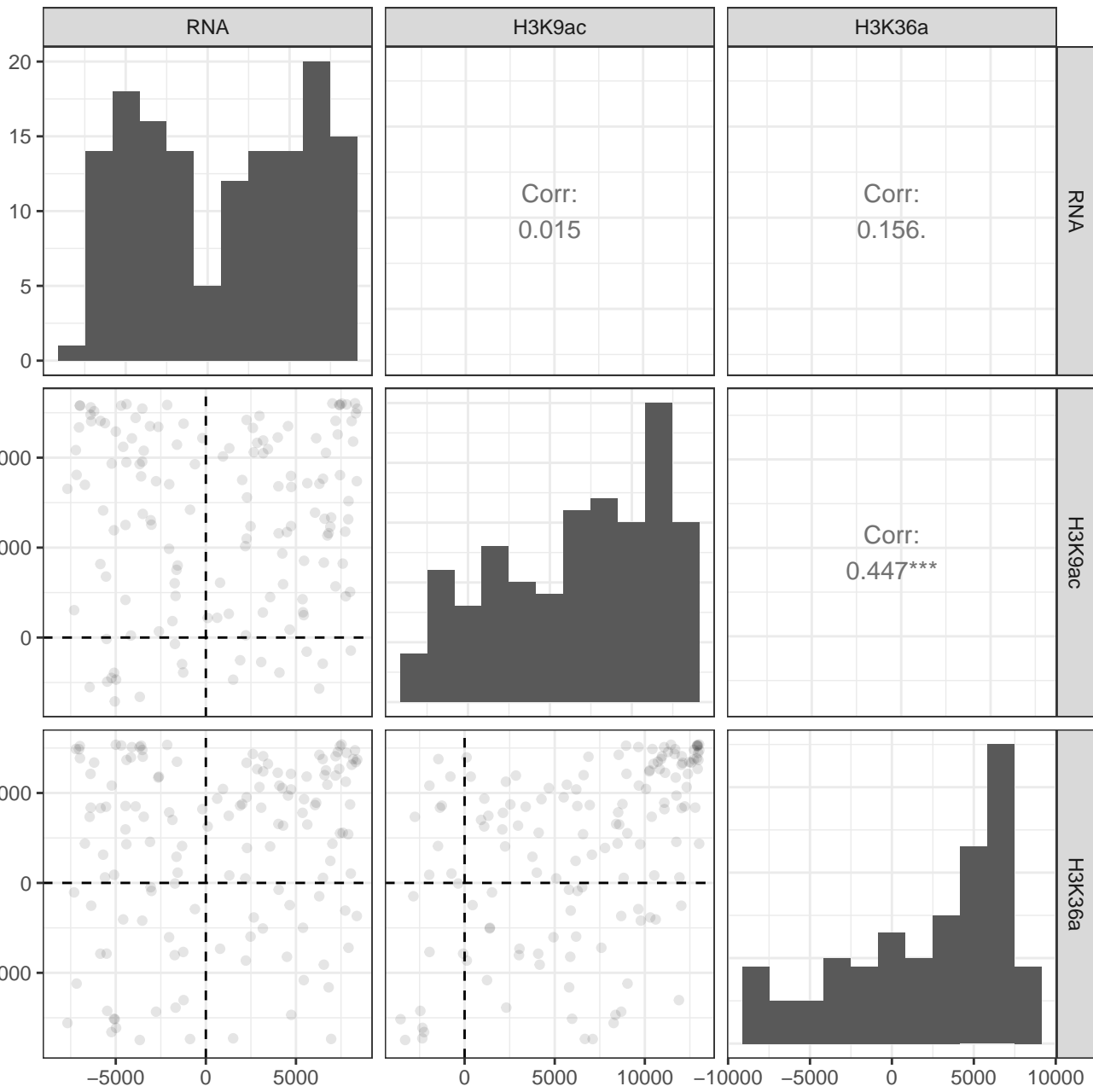
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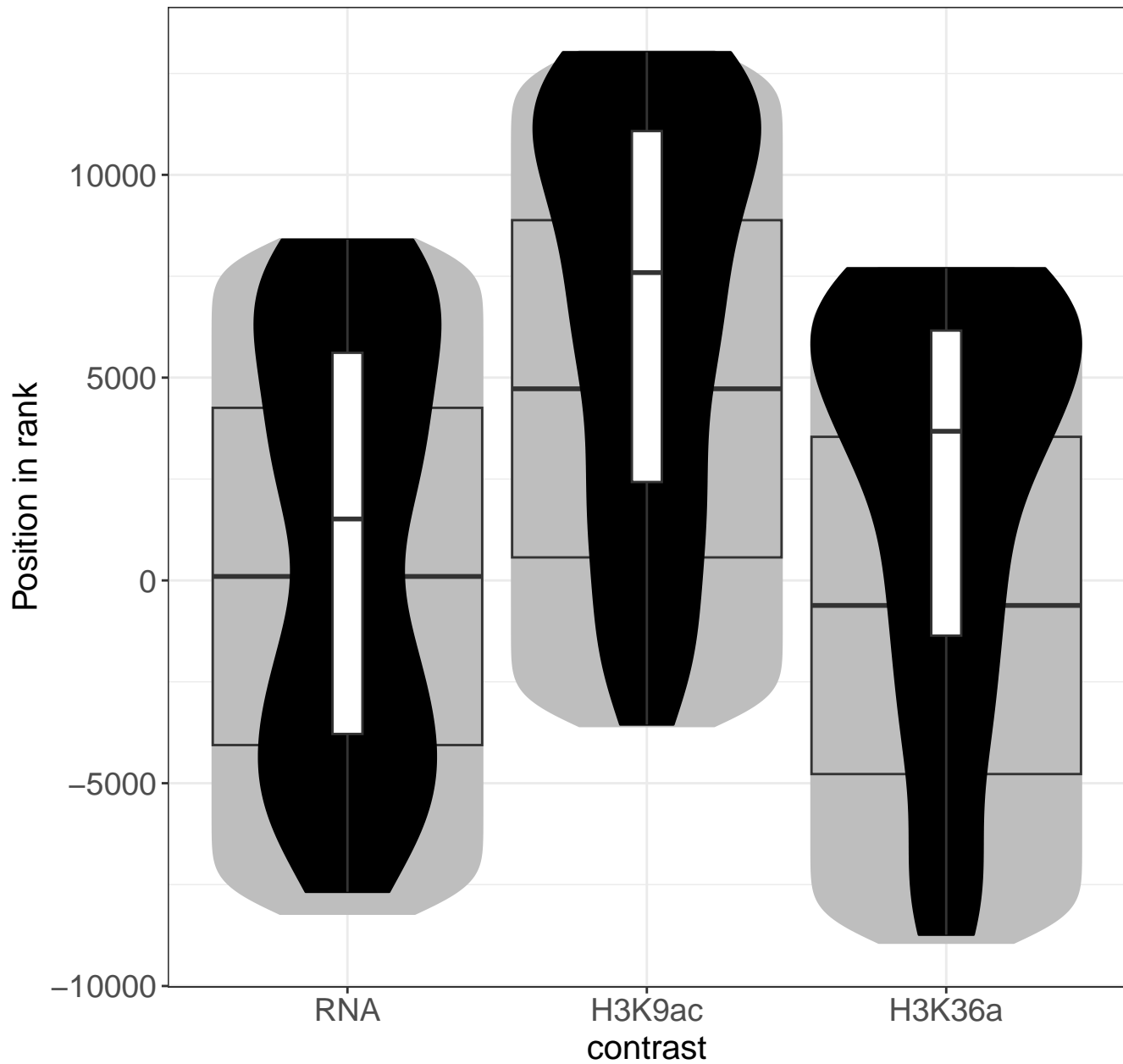
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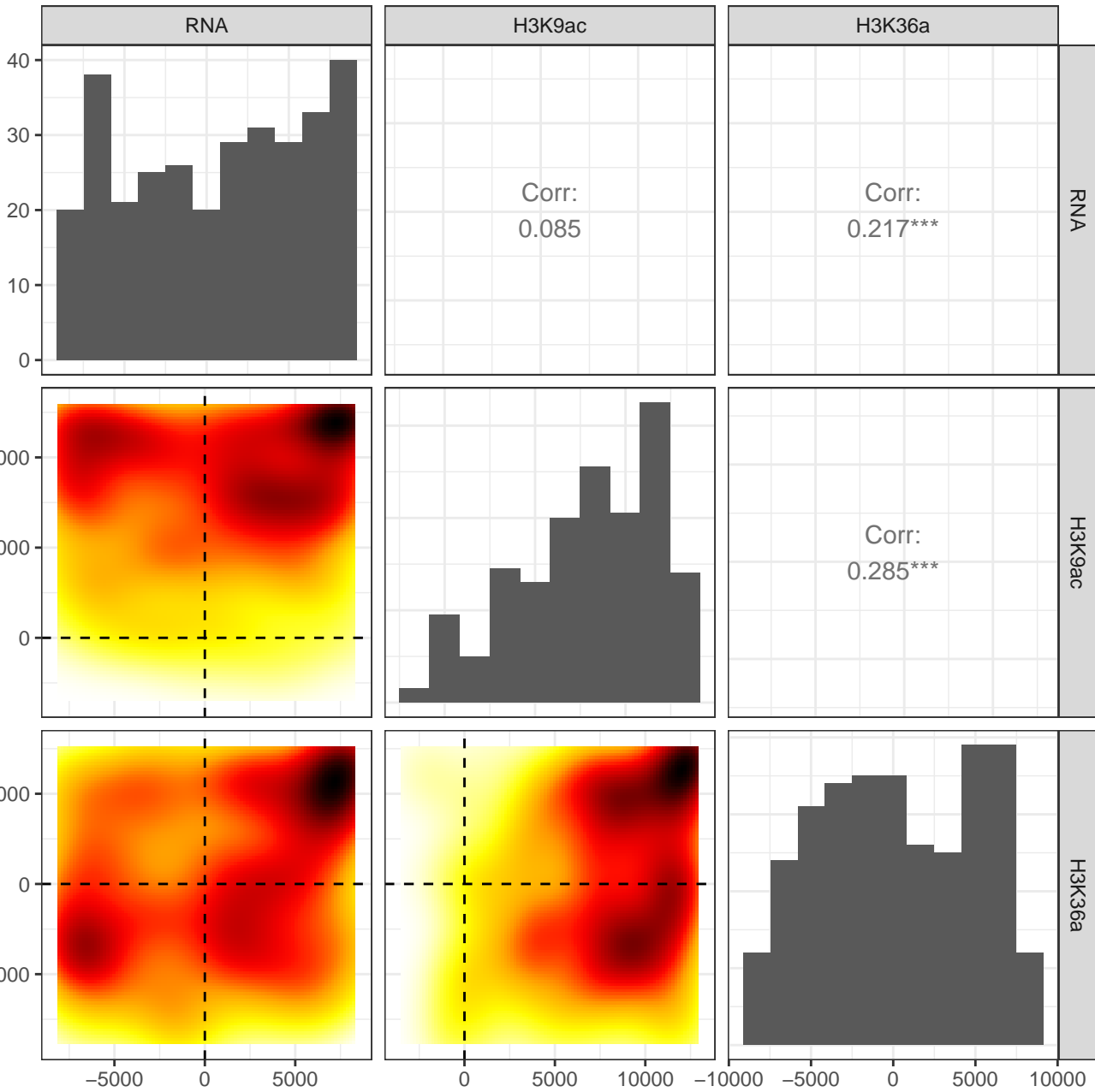
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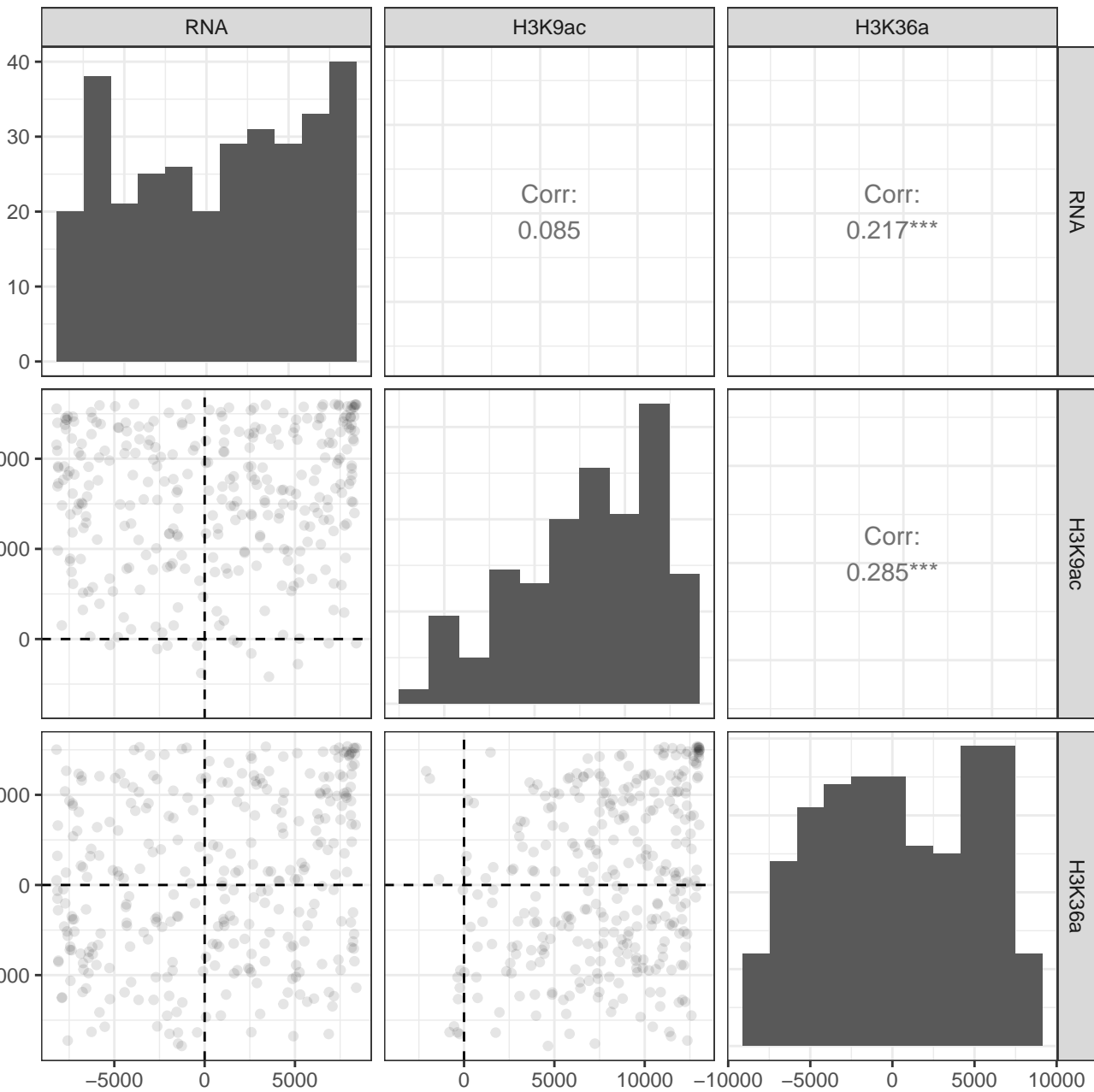
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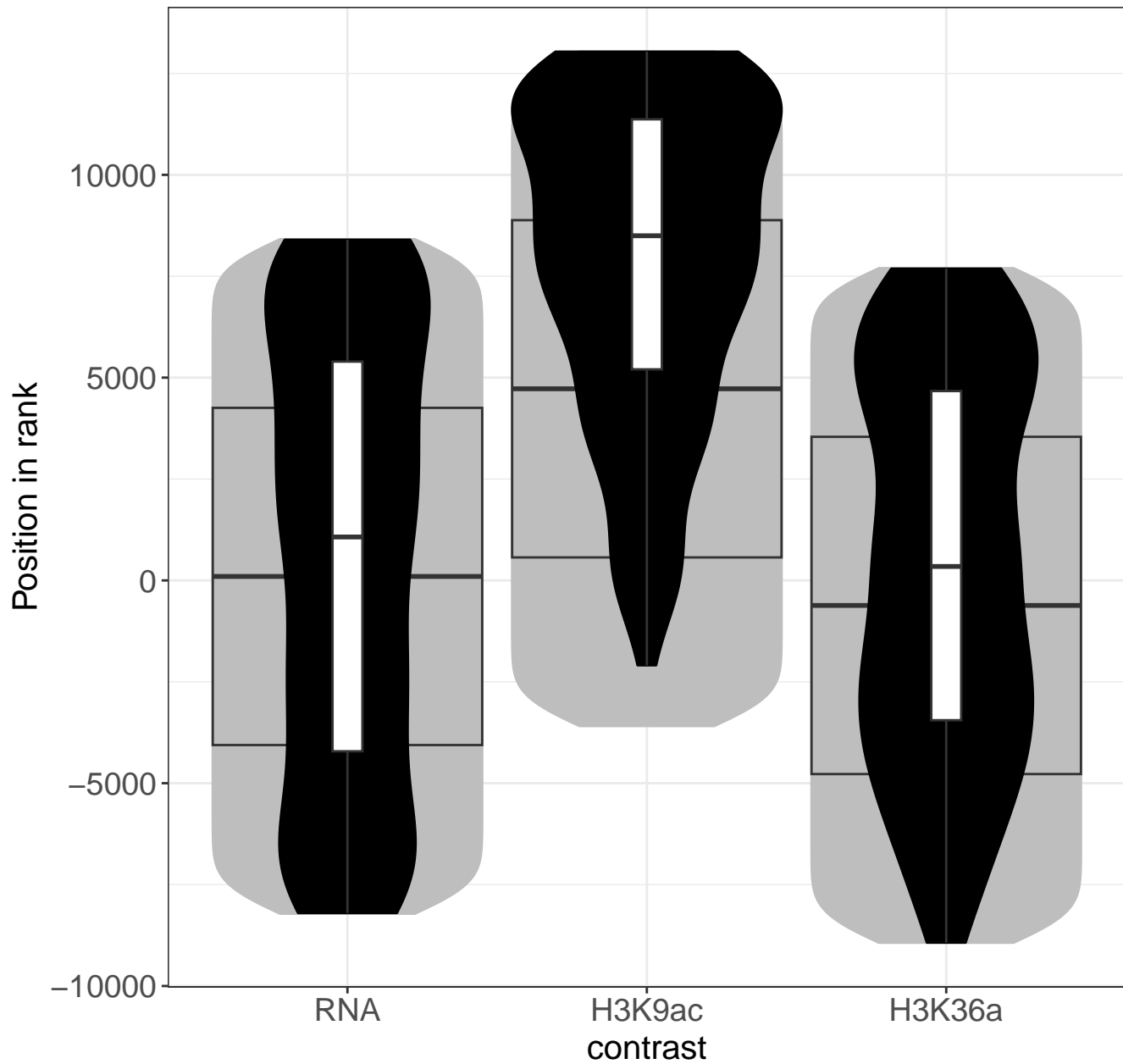
GTF2E2 TARGET GENES



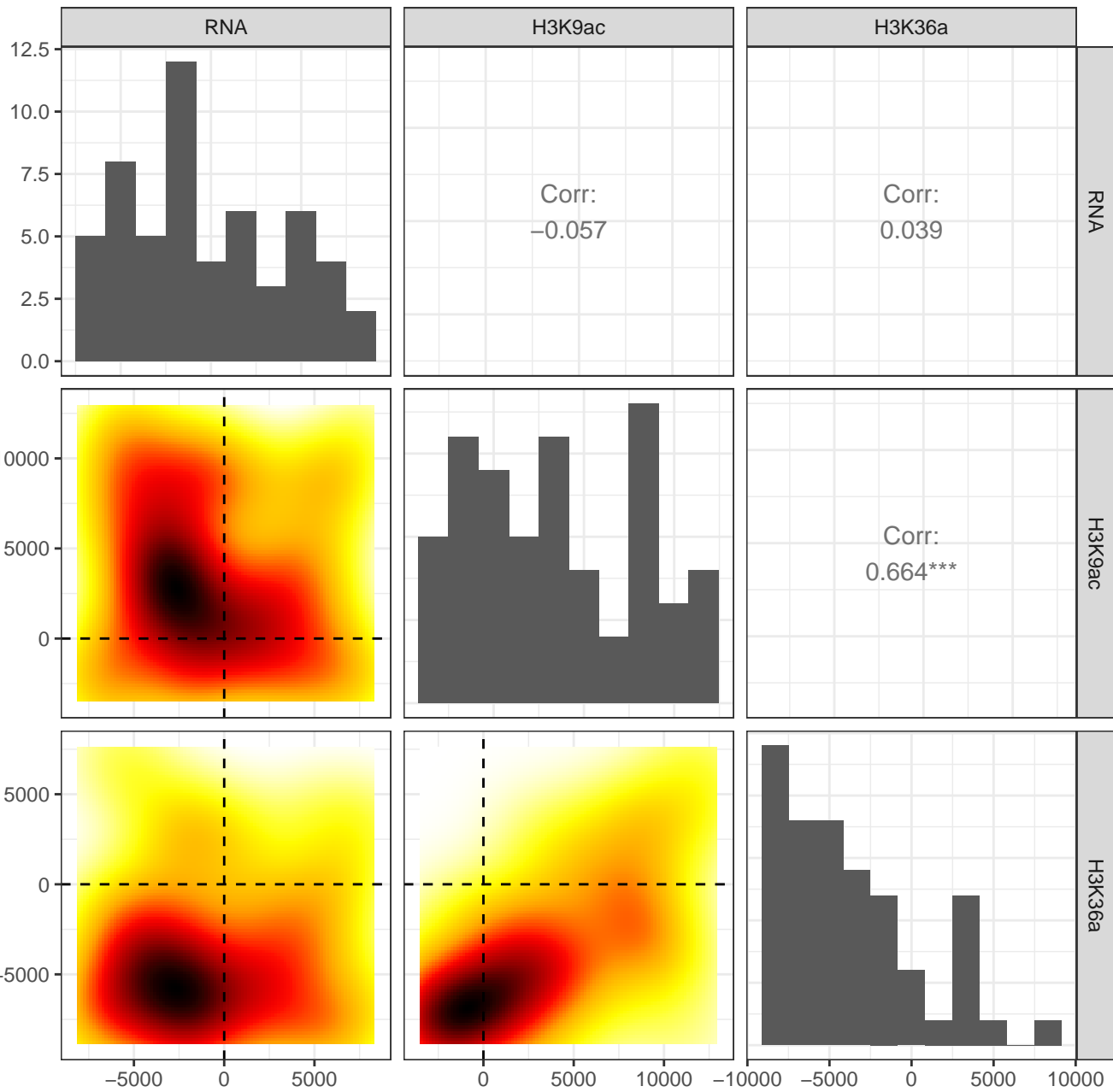
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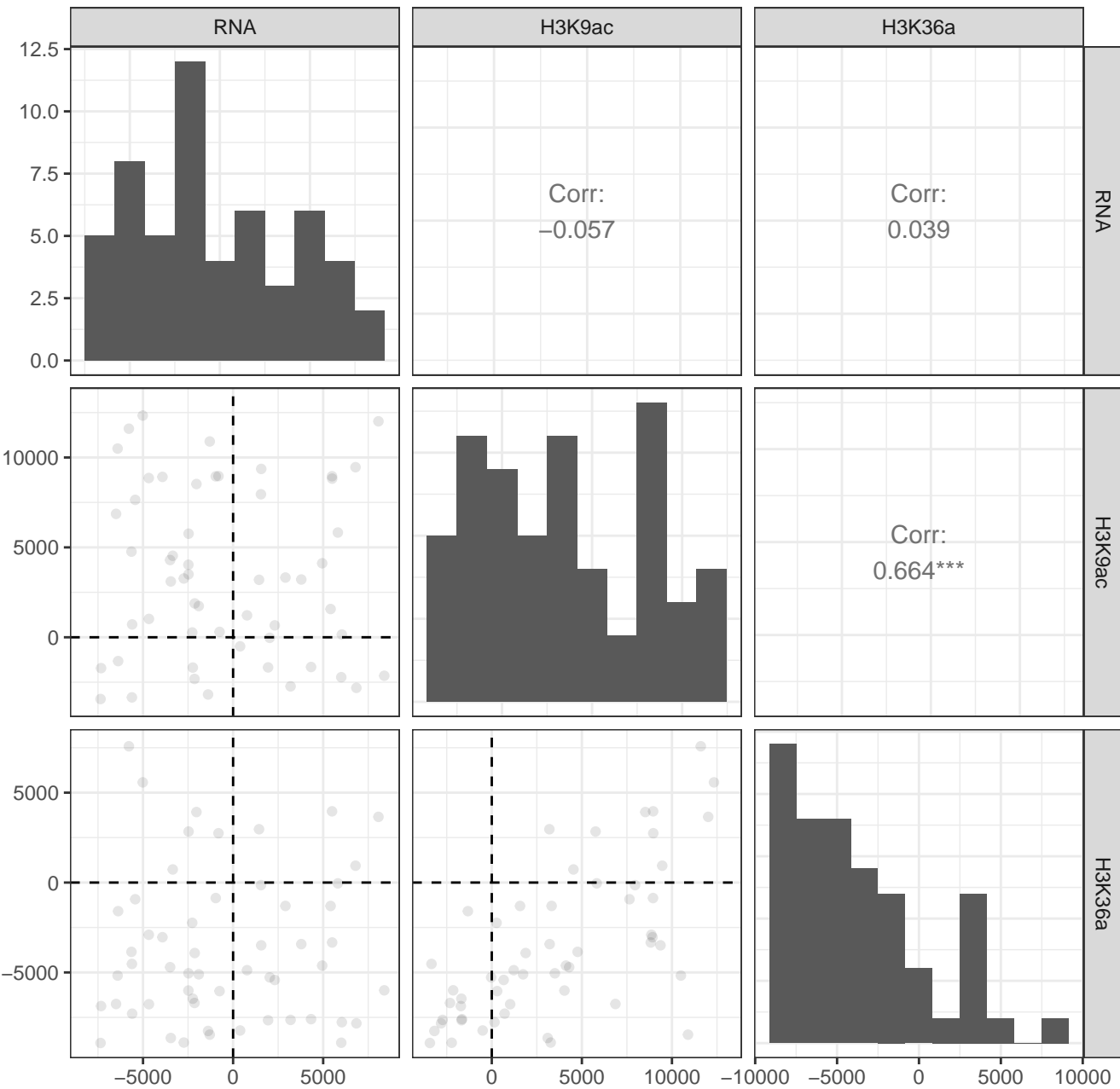
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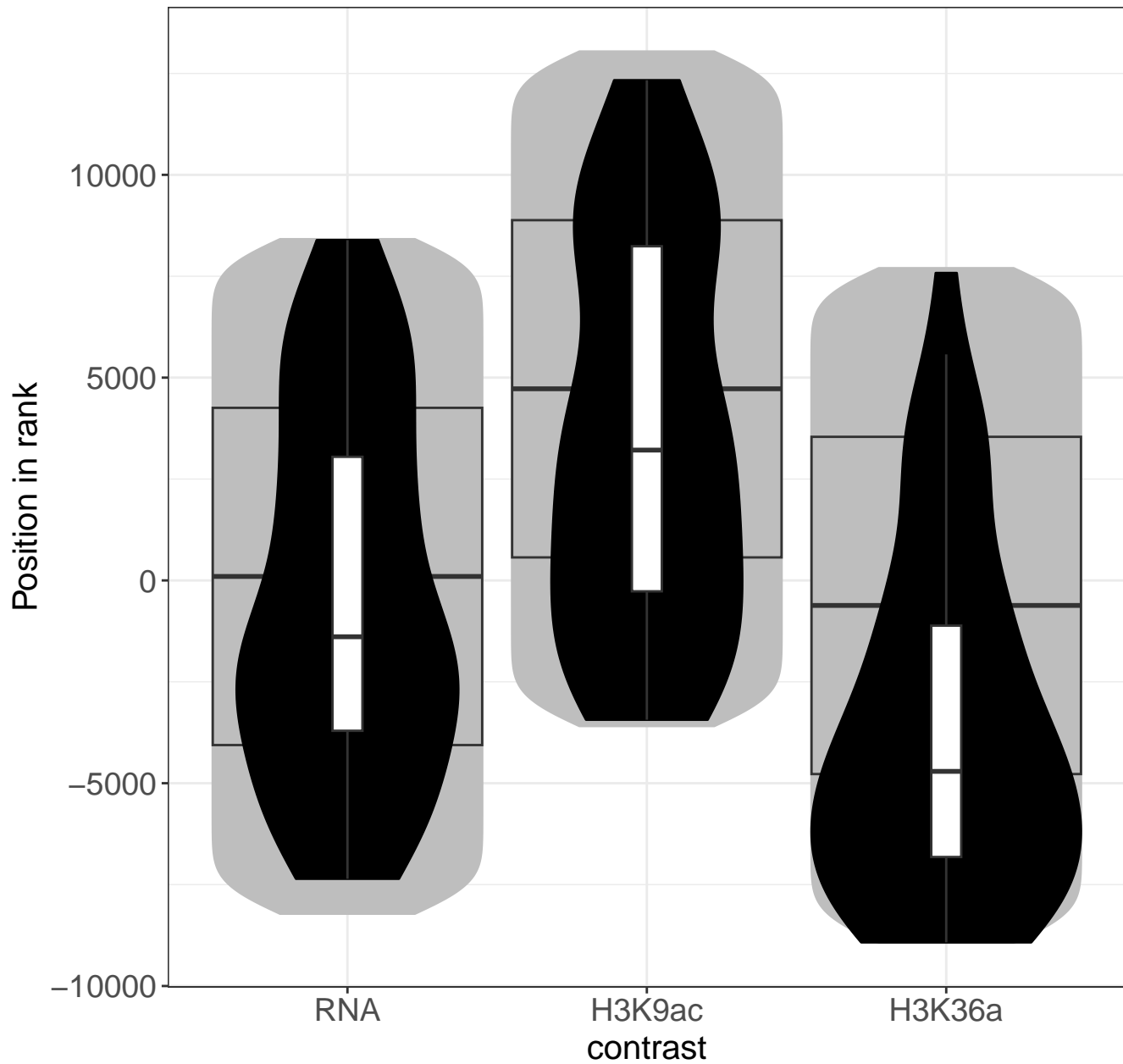
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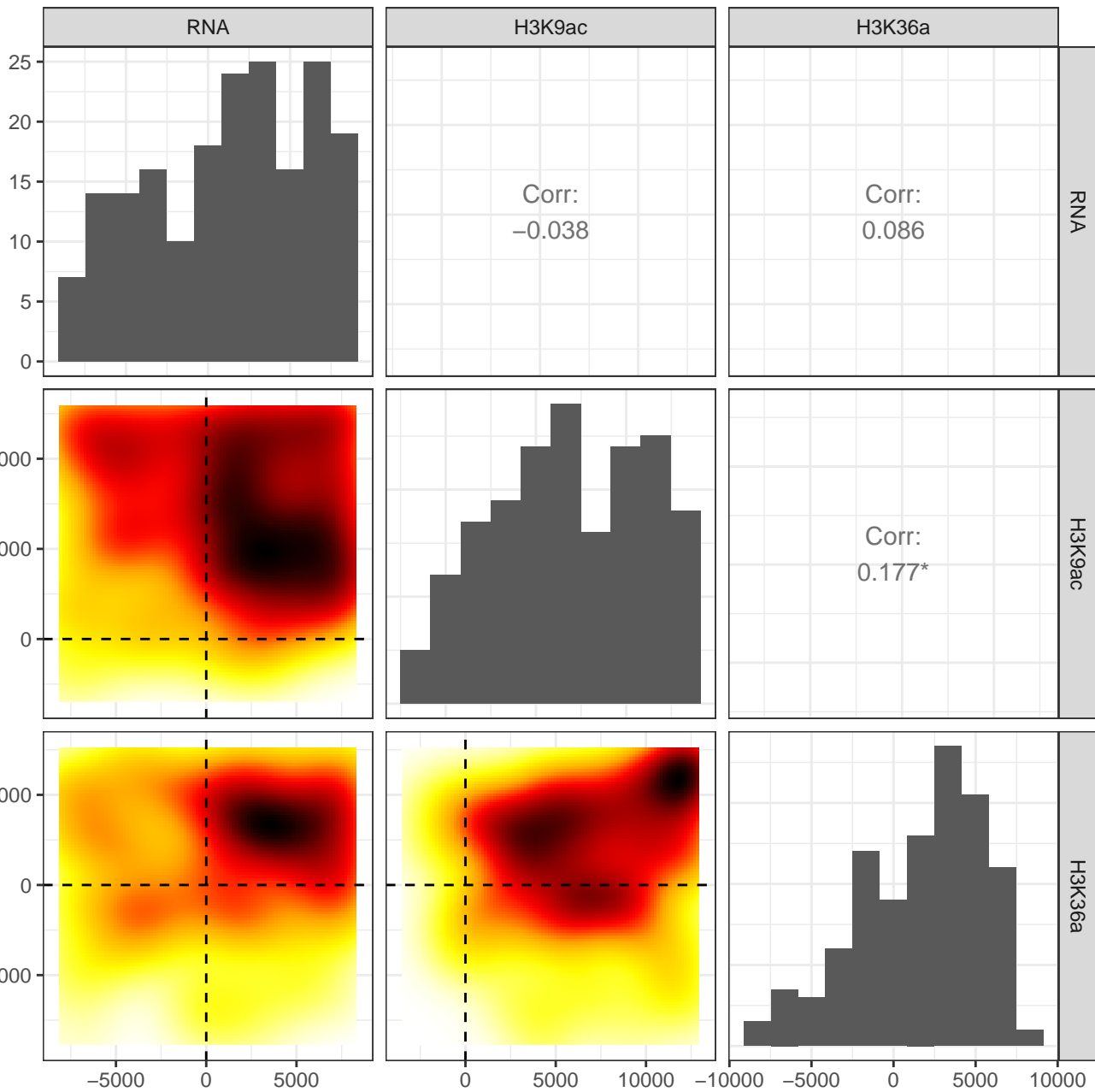
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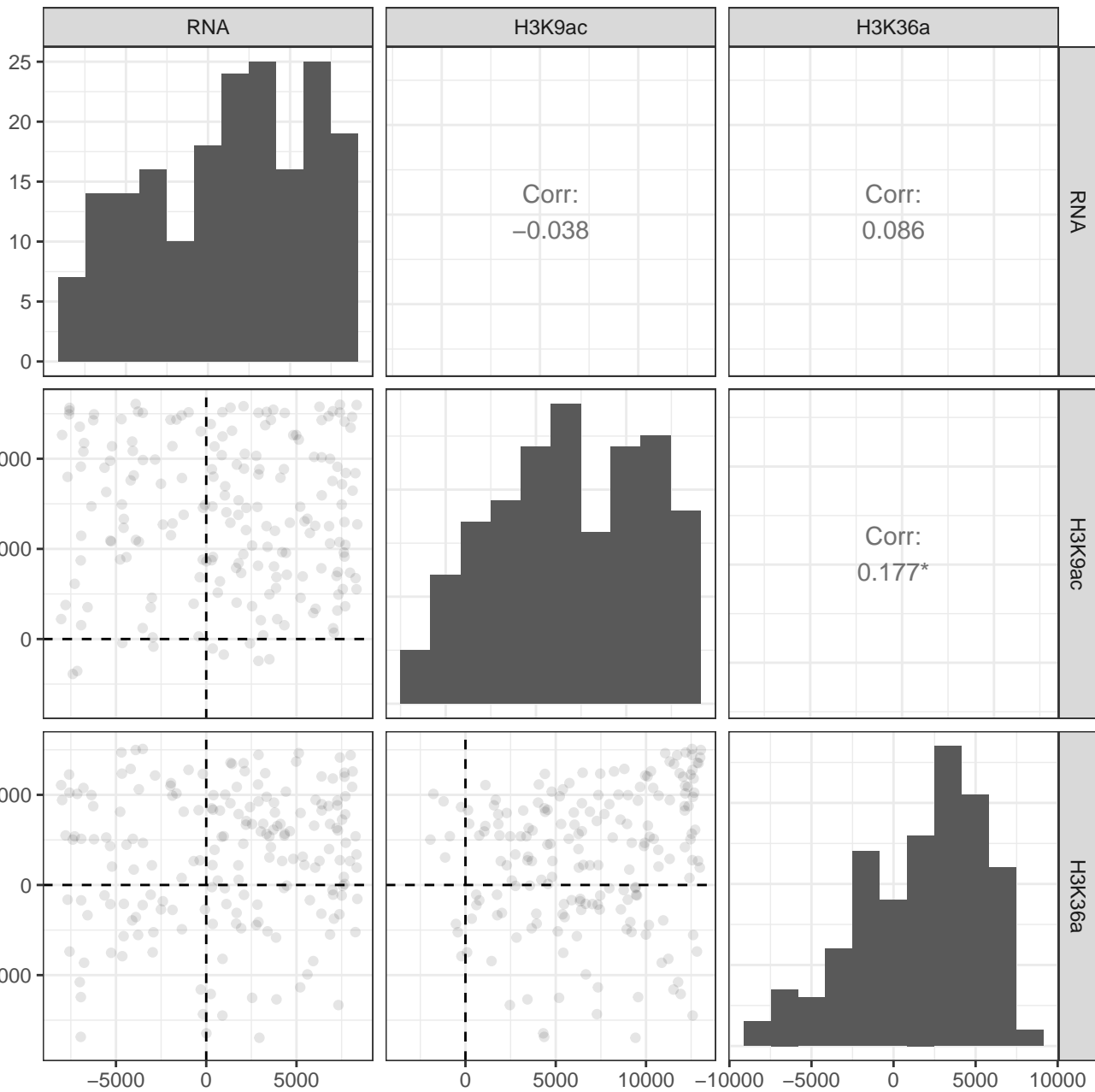
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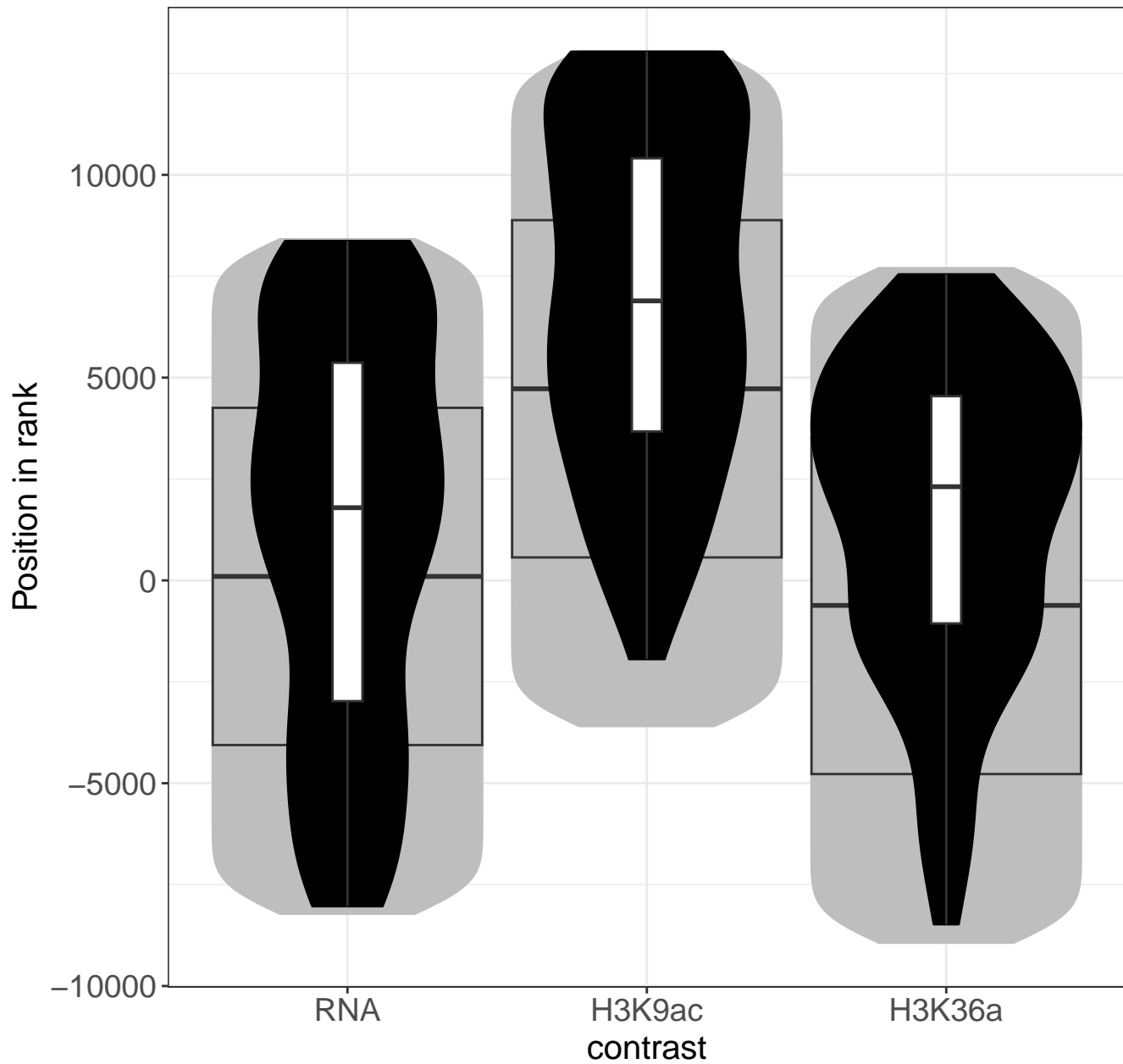
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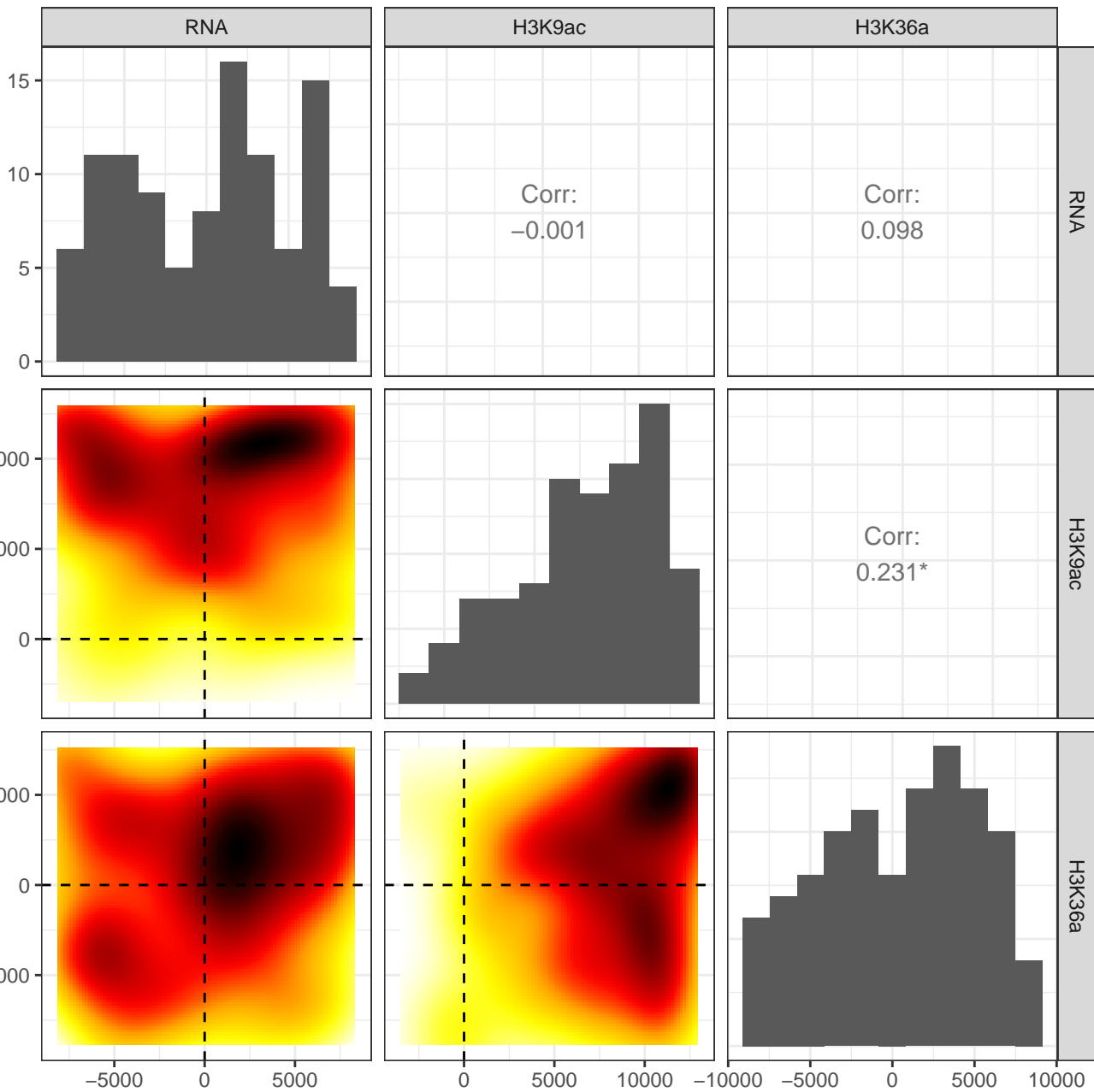
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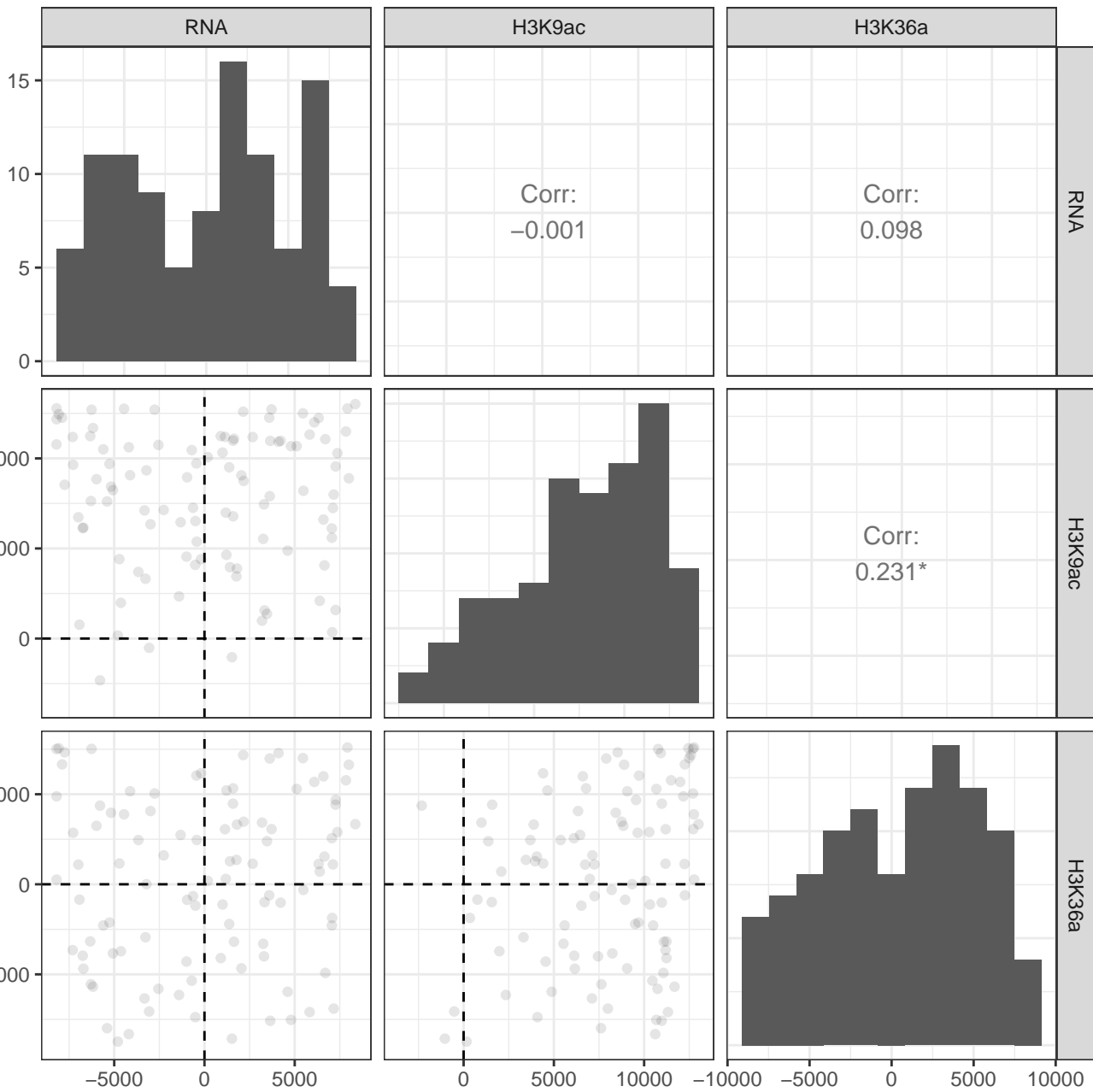
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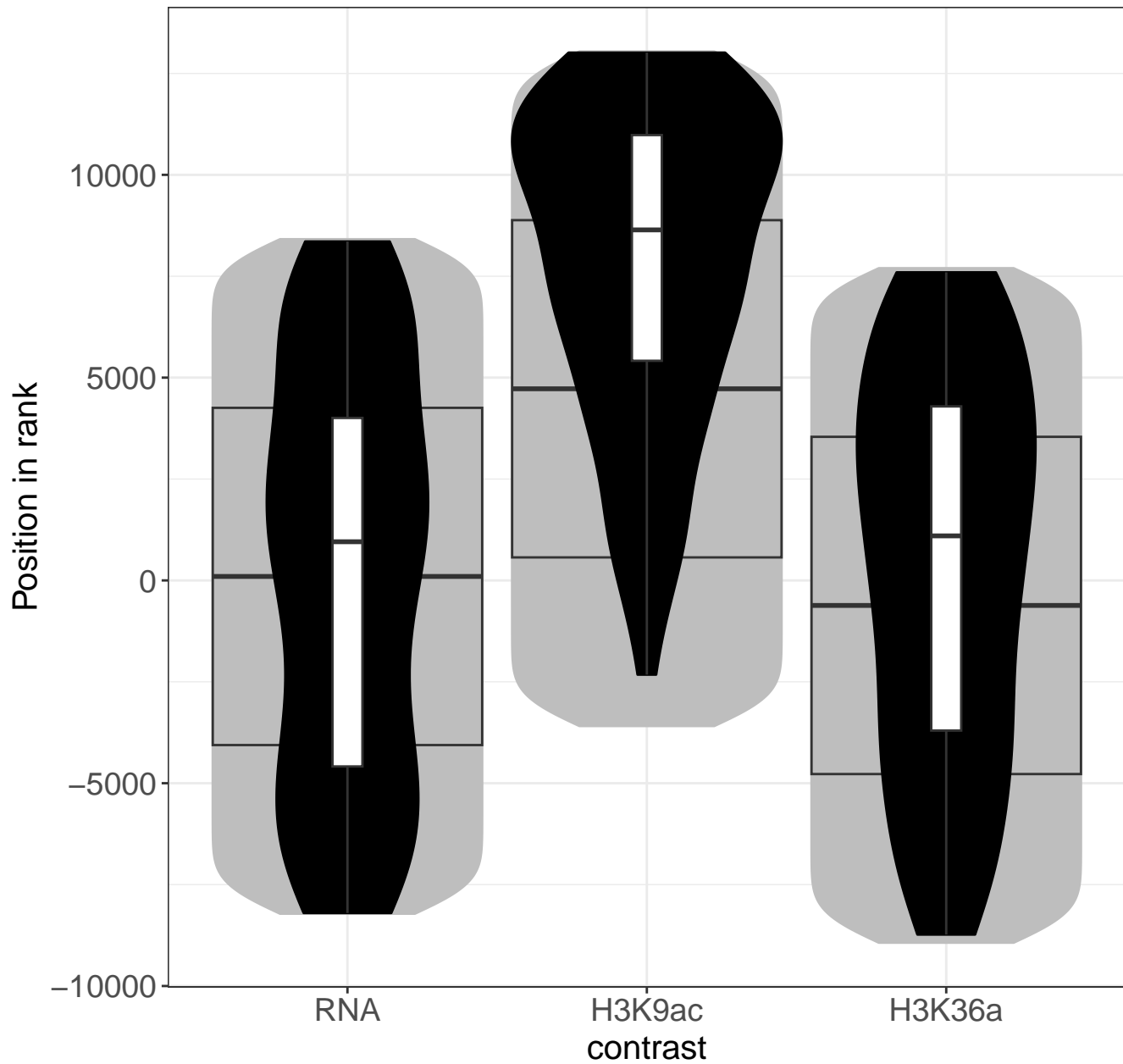
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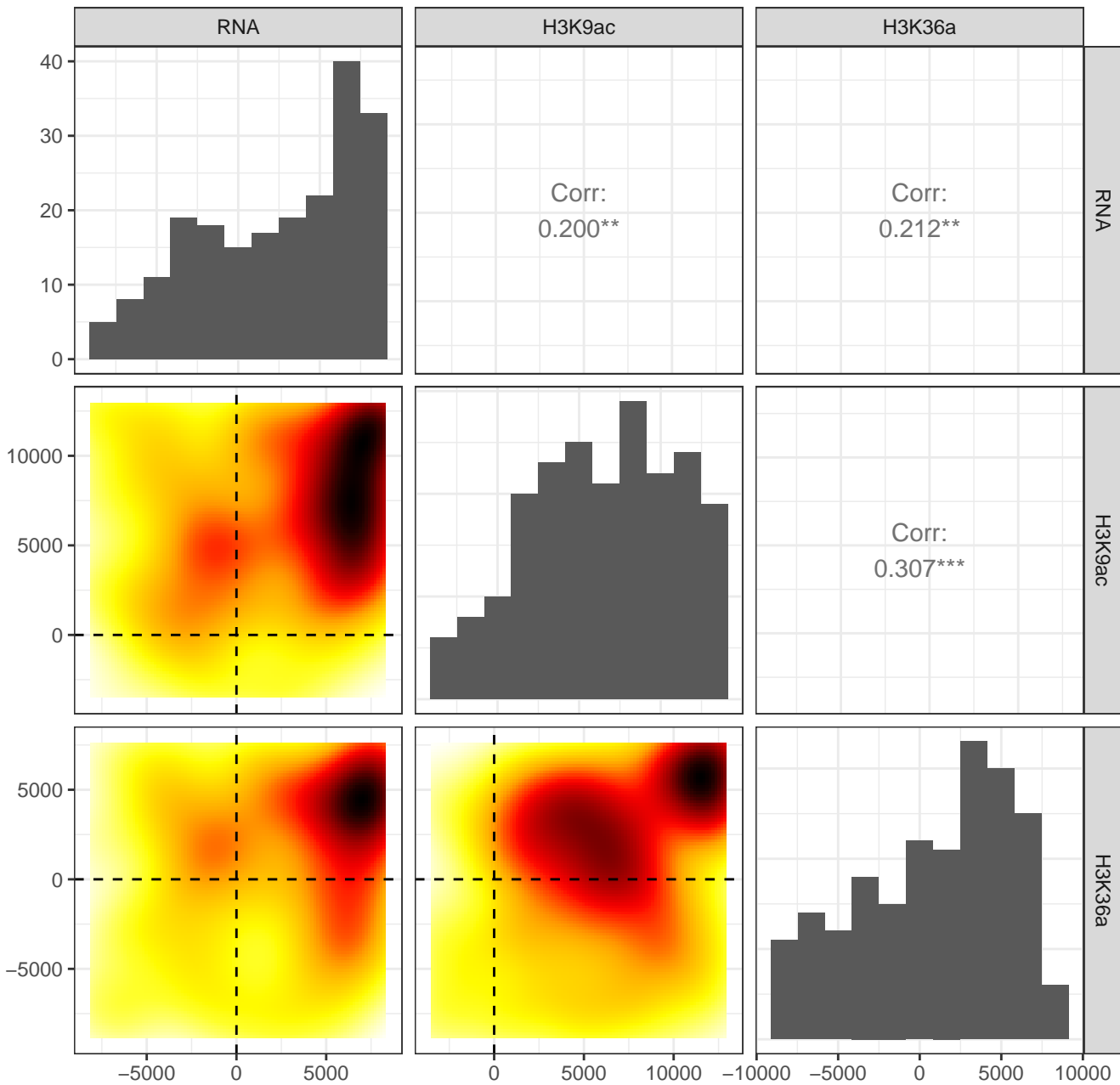
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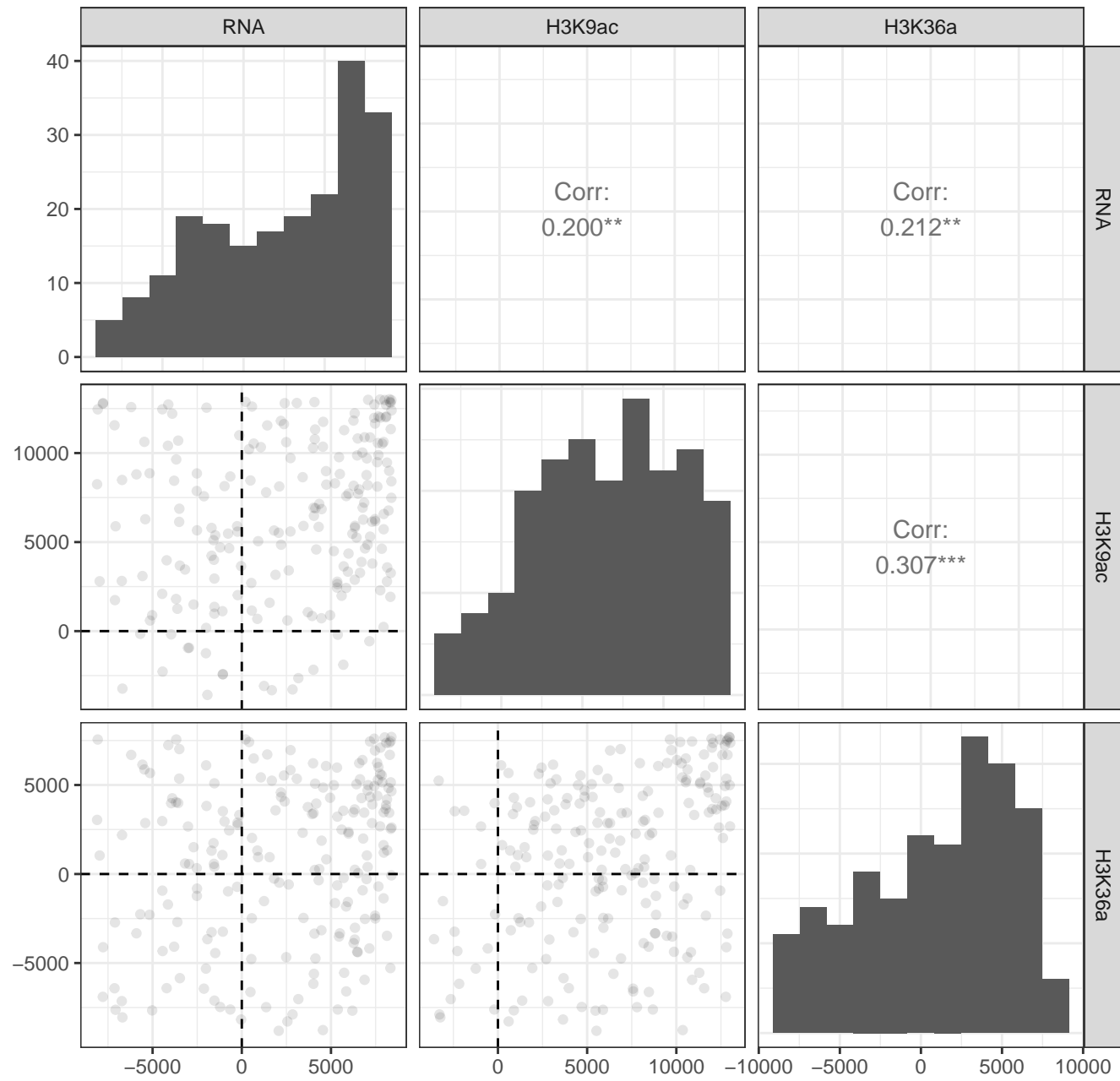
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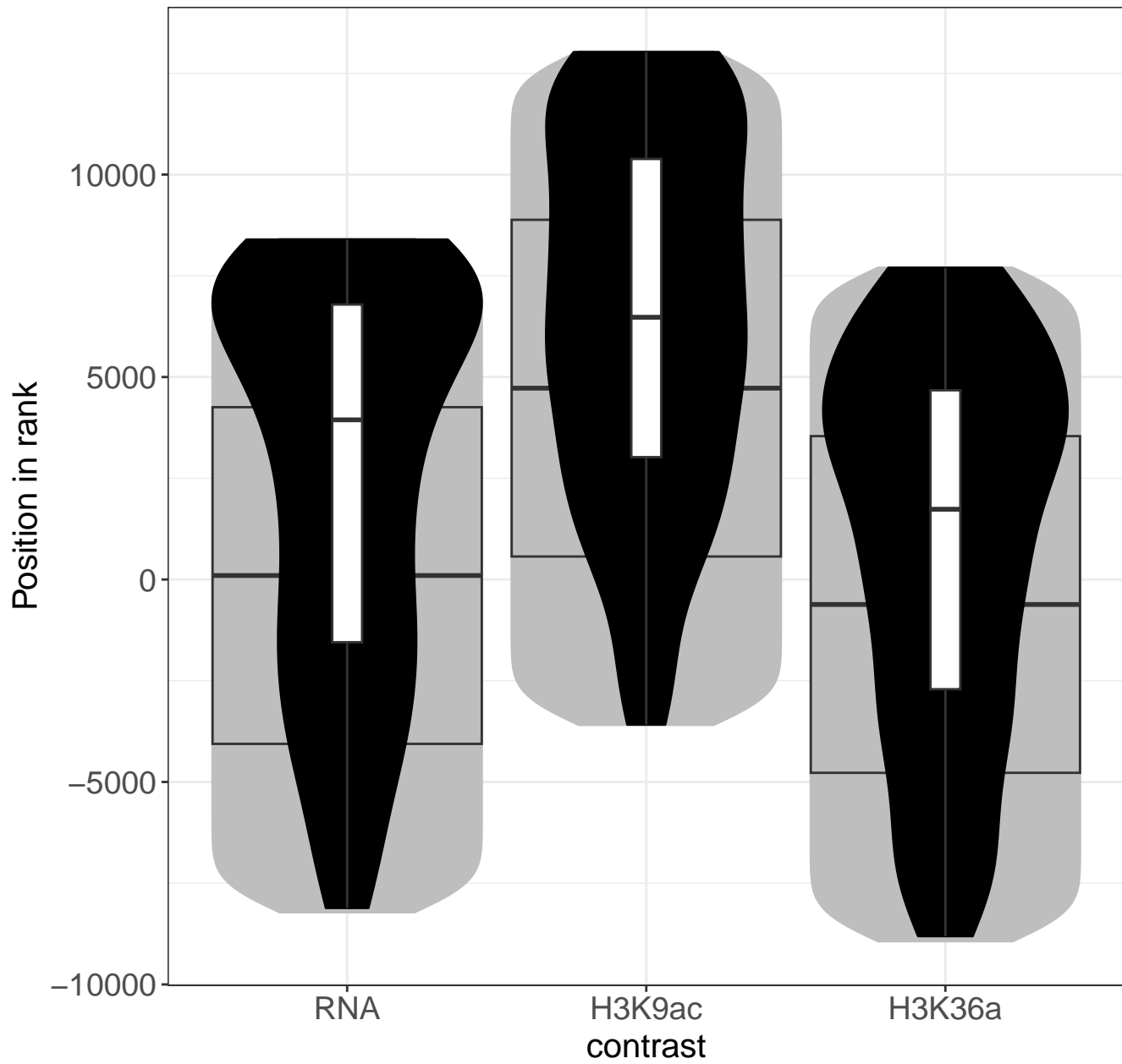
HLF 01



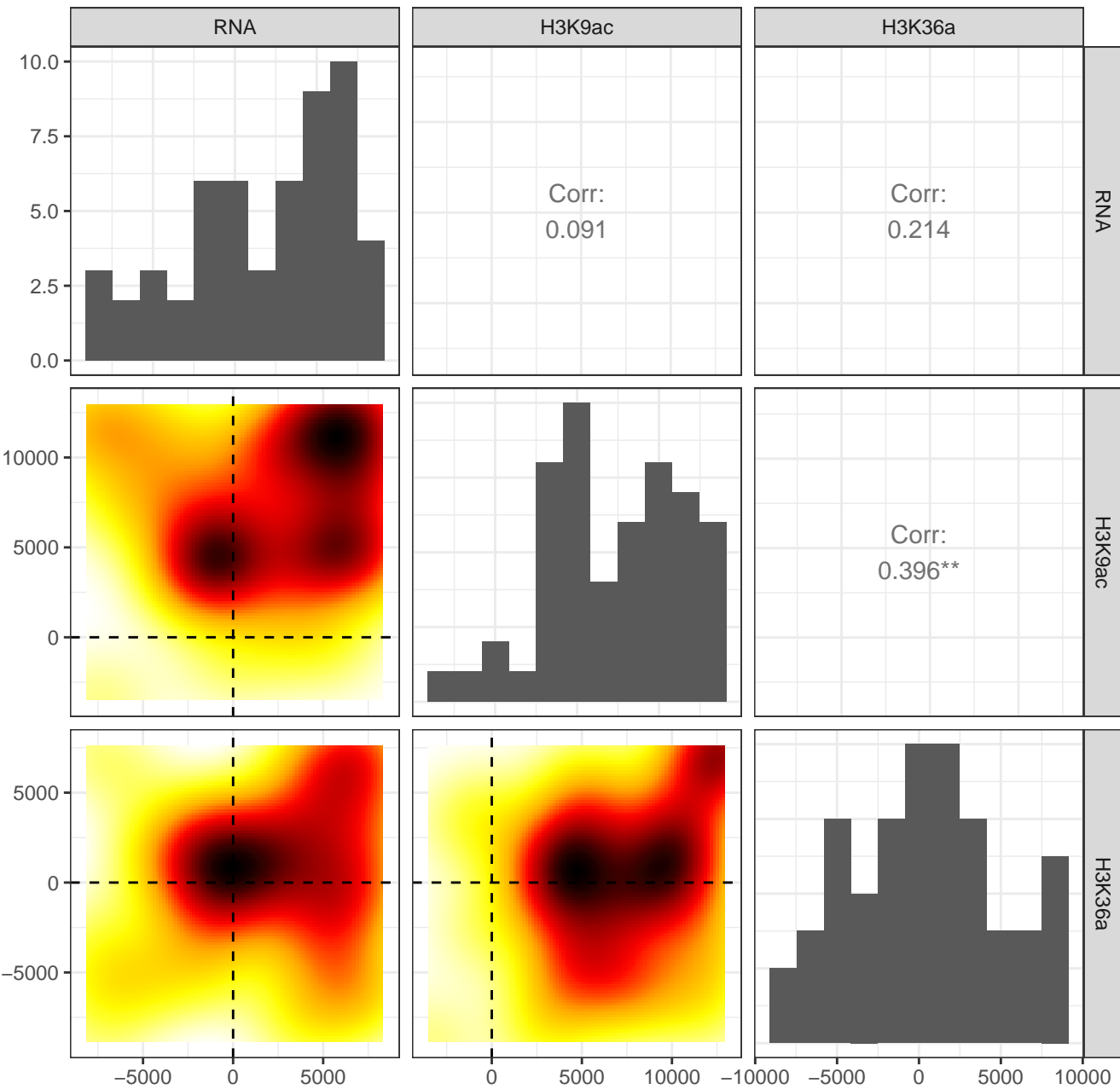
HLF 01



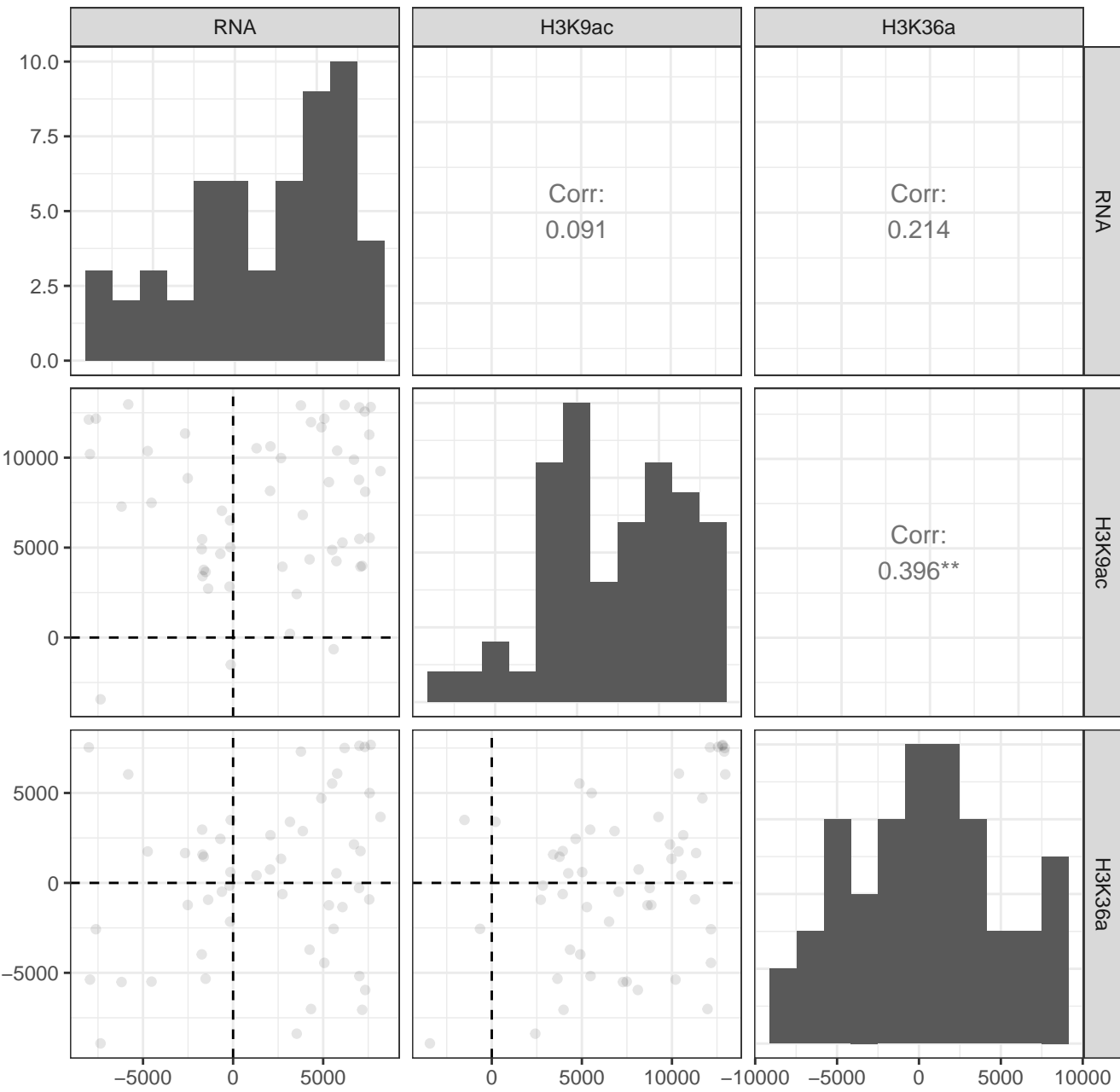
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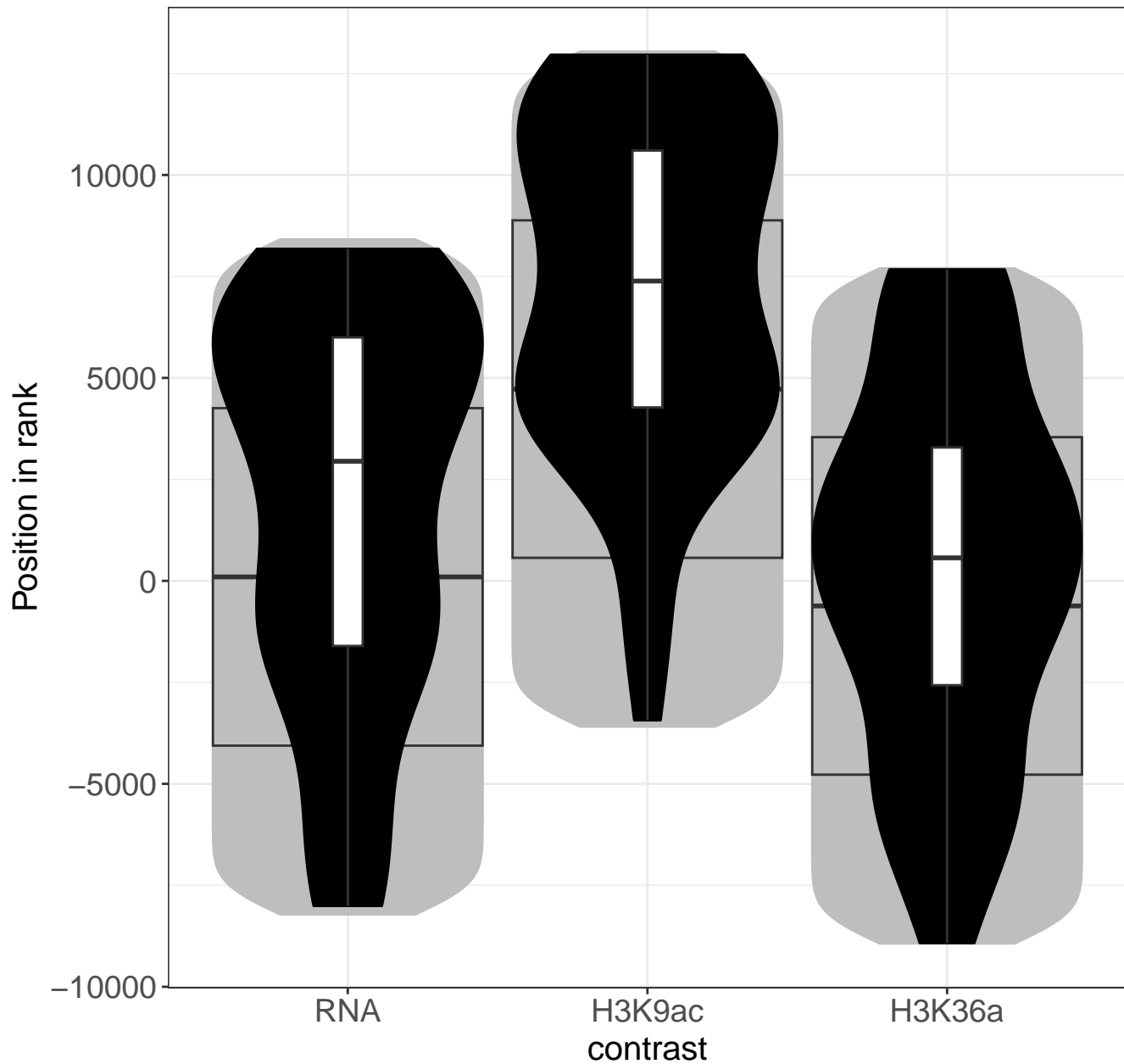
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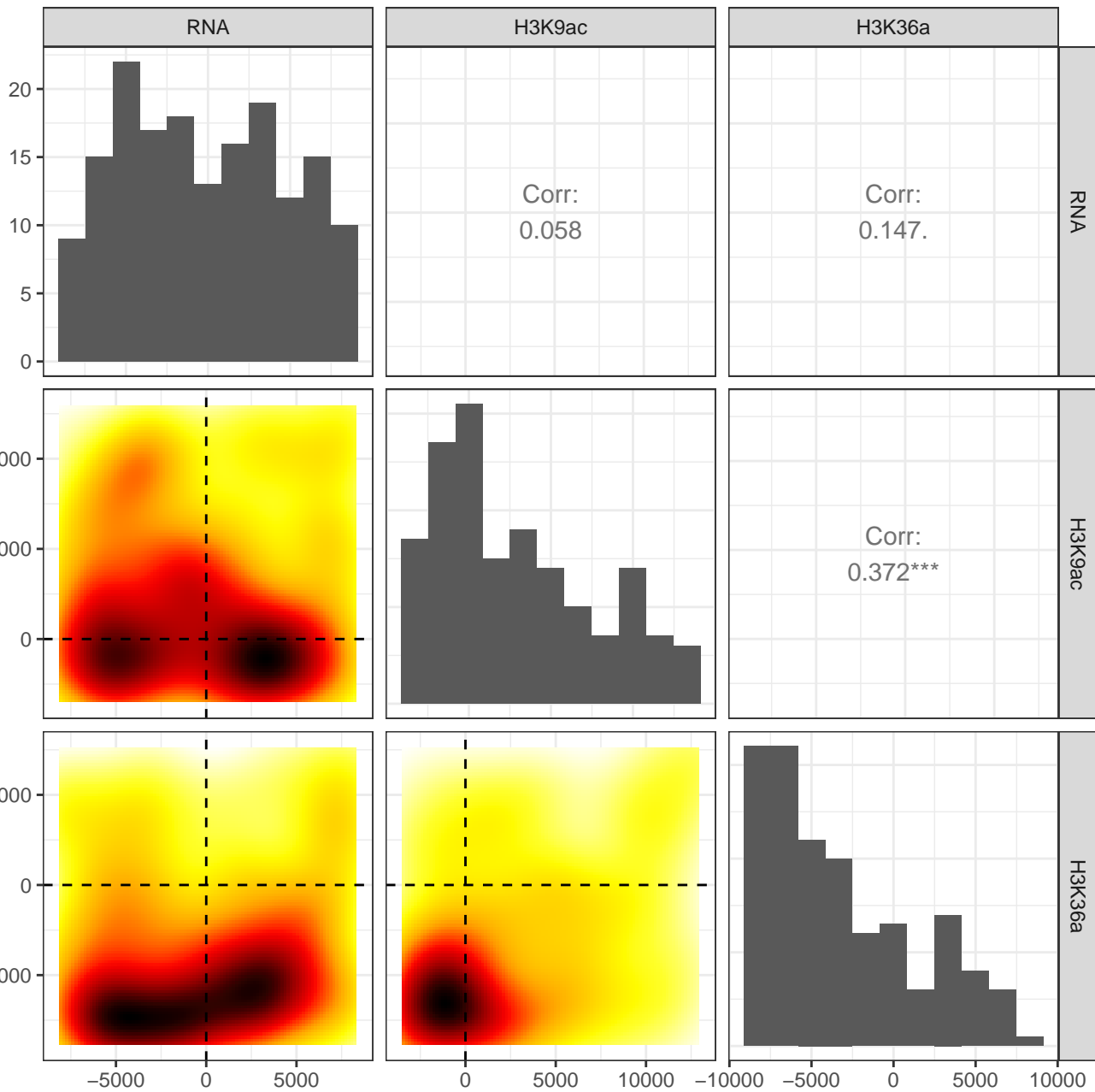
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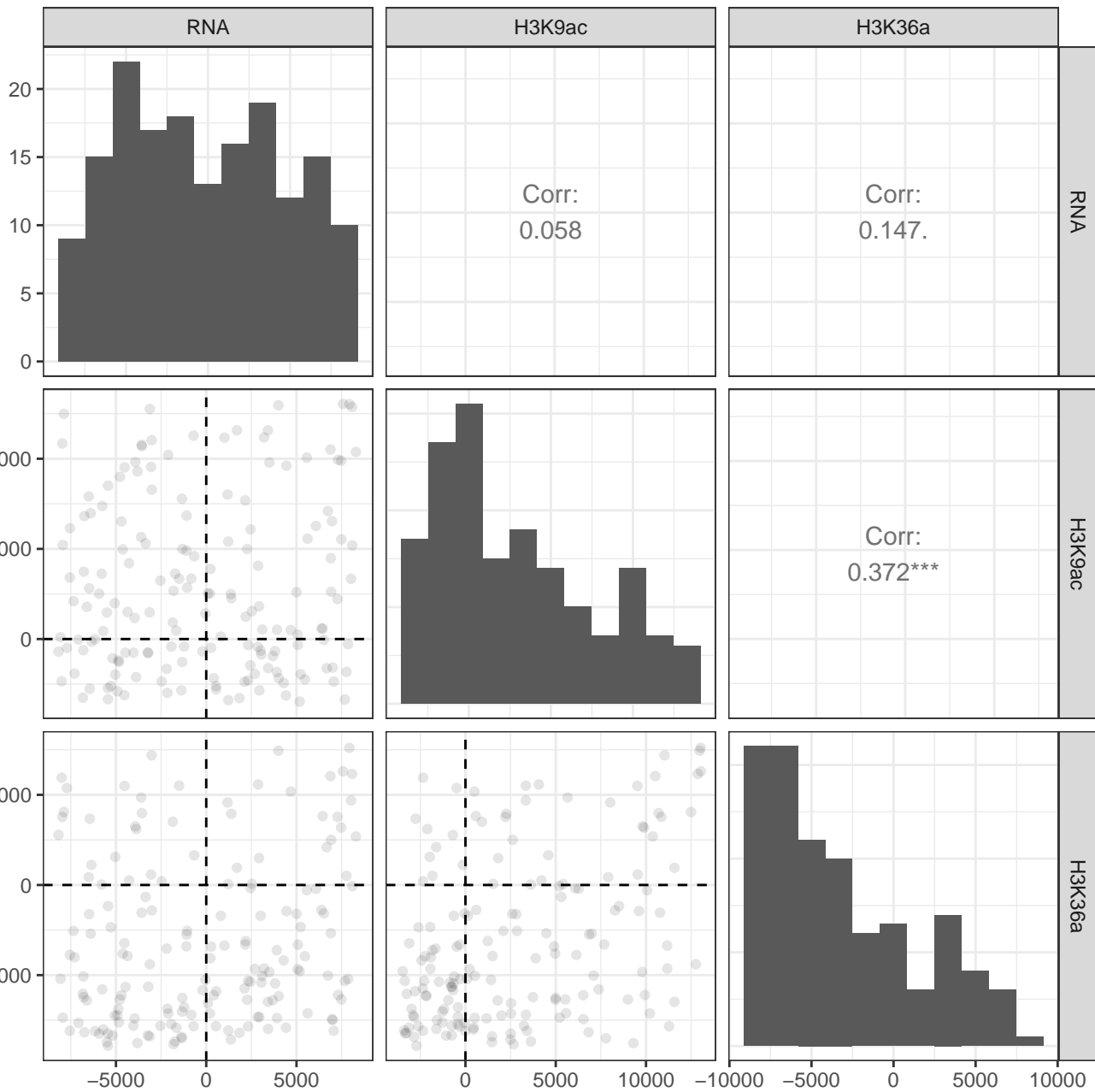
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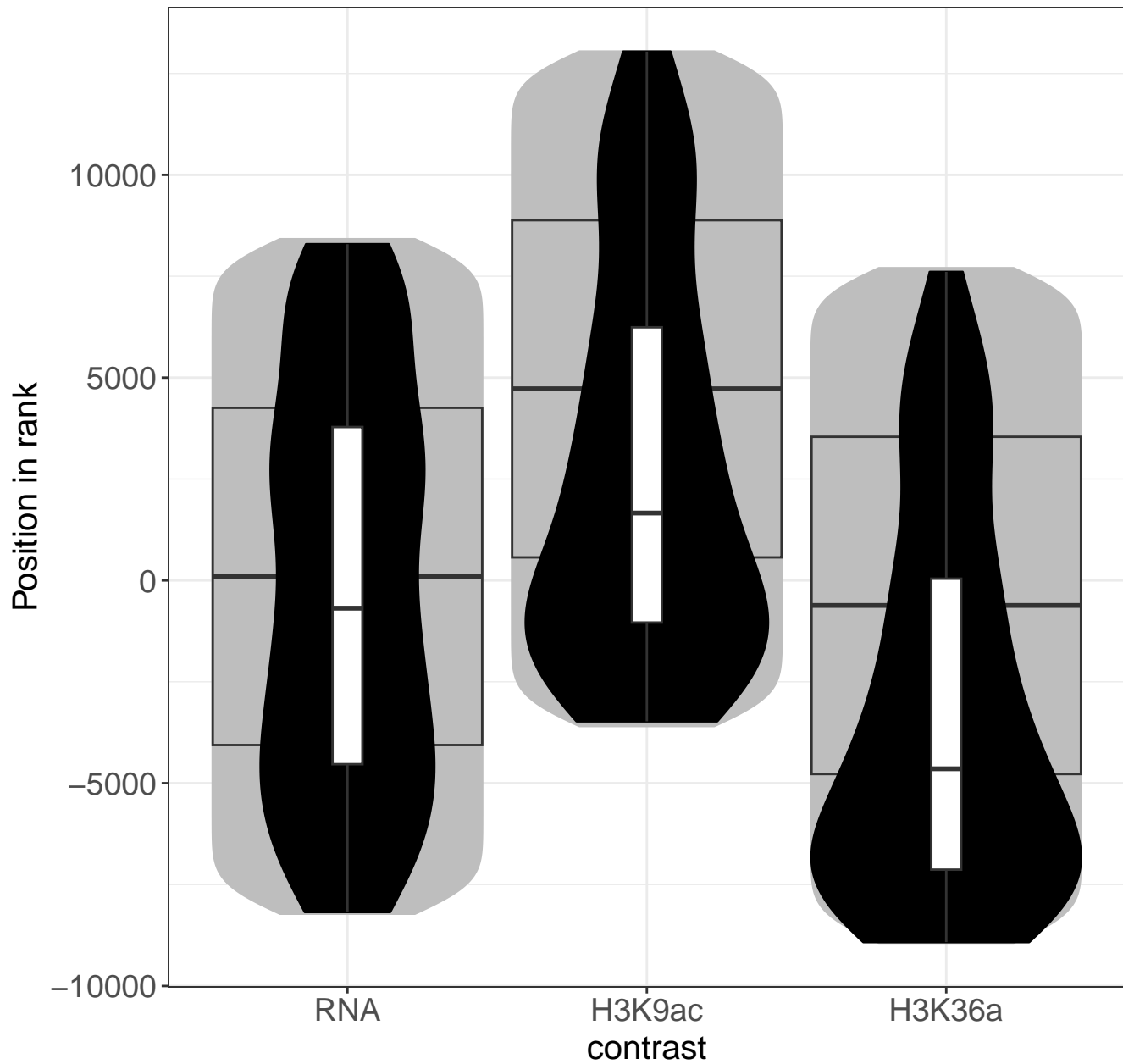
PBXIP1 TARGET GENES



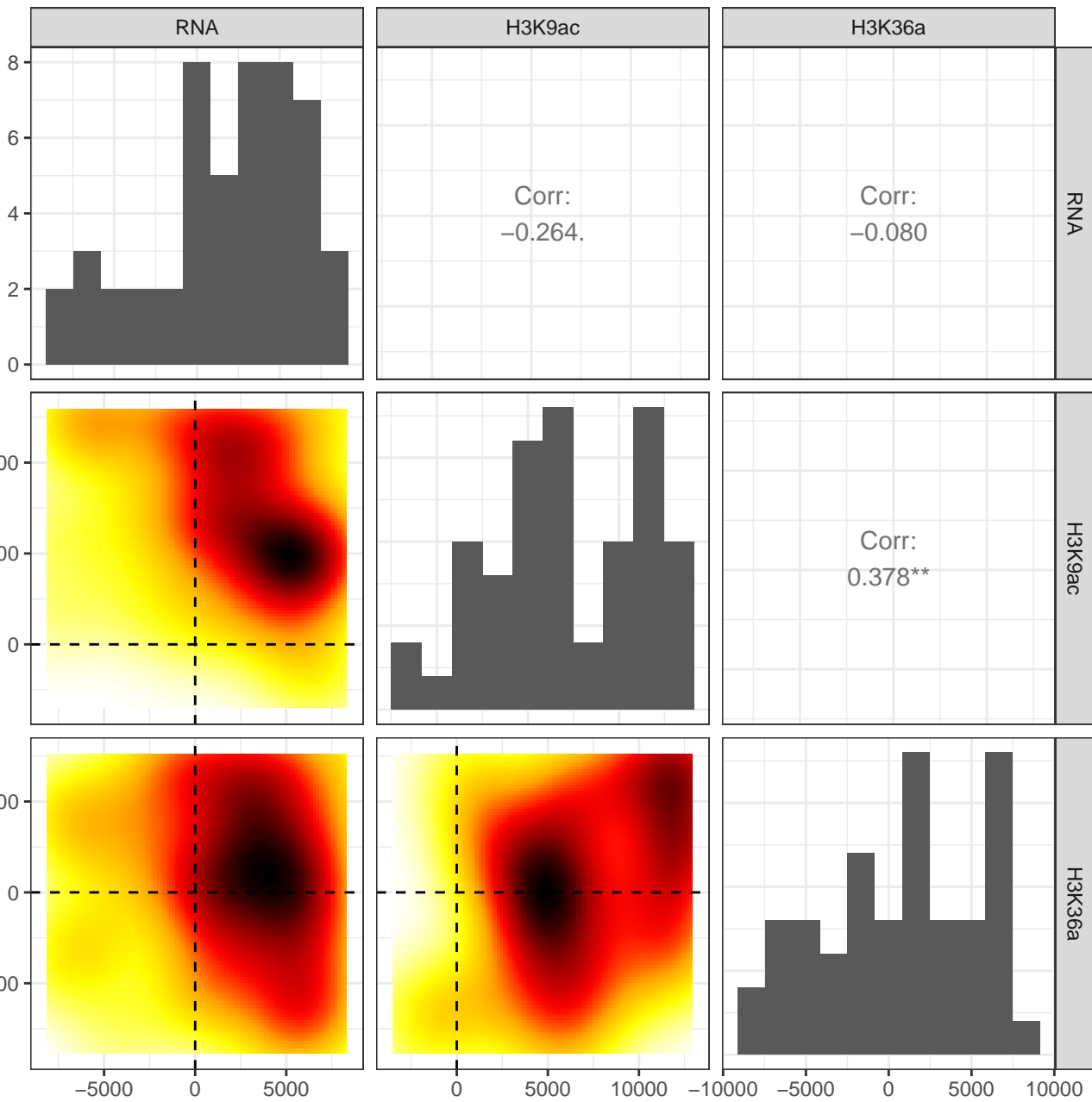
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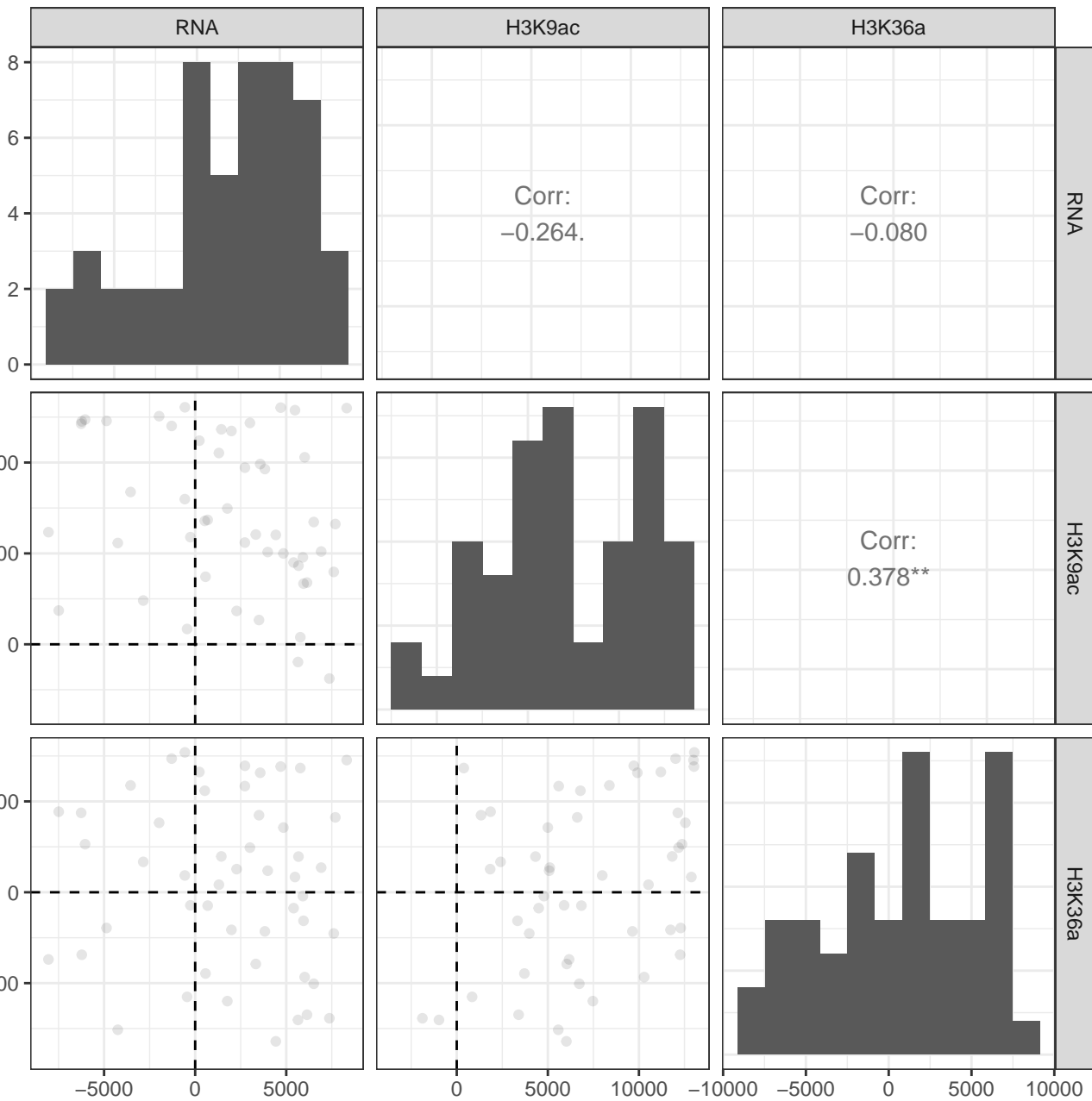
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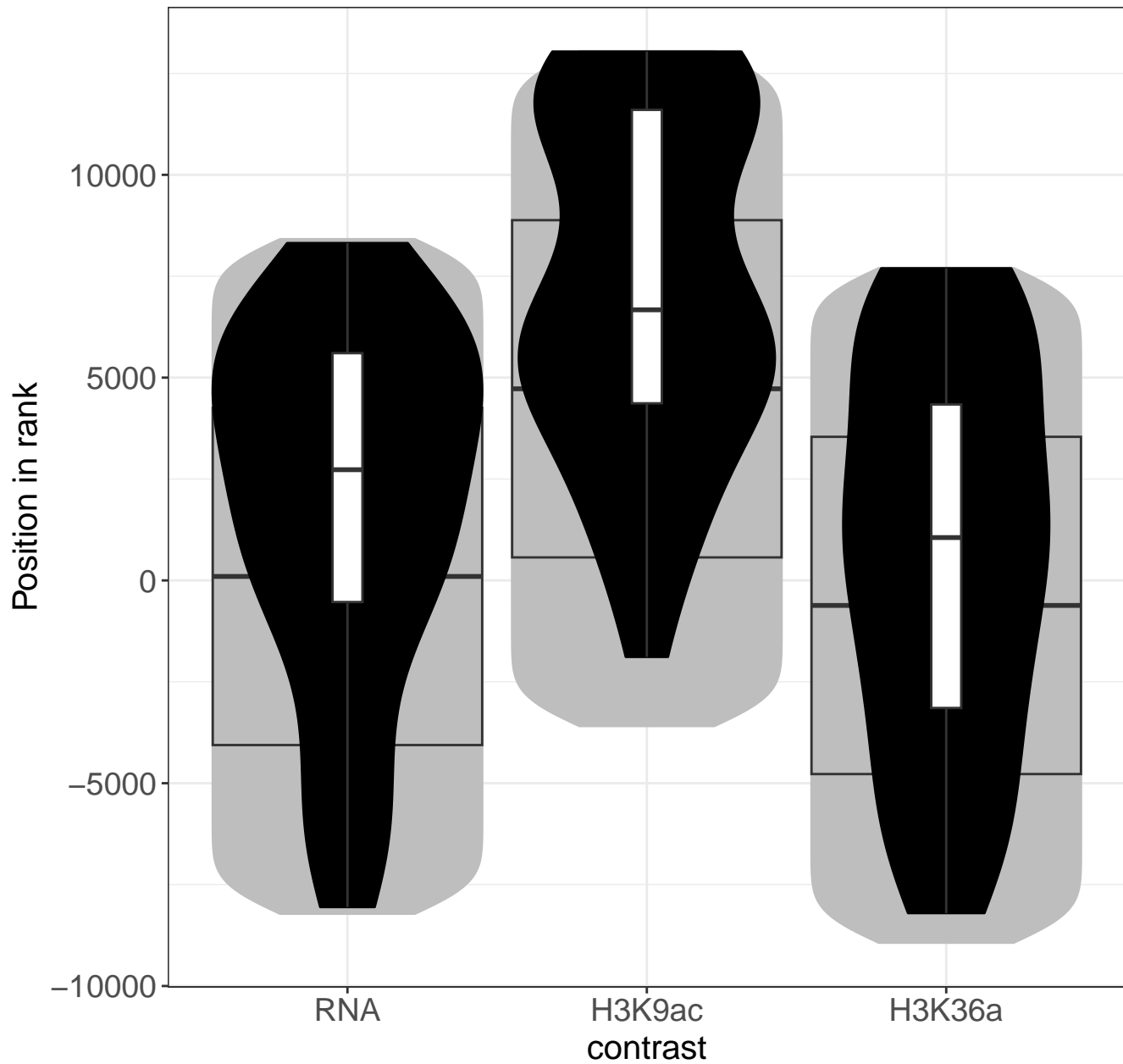
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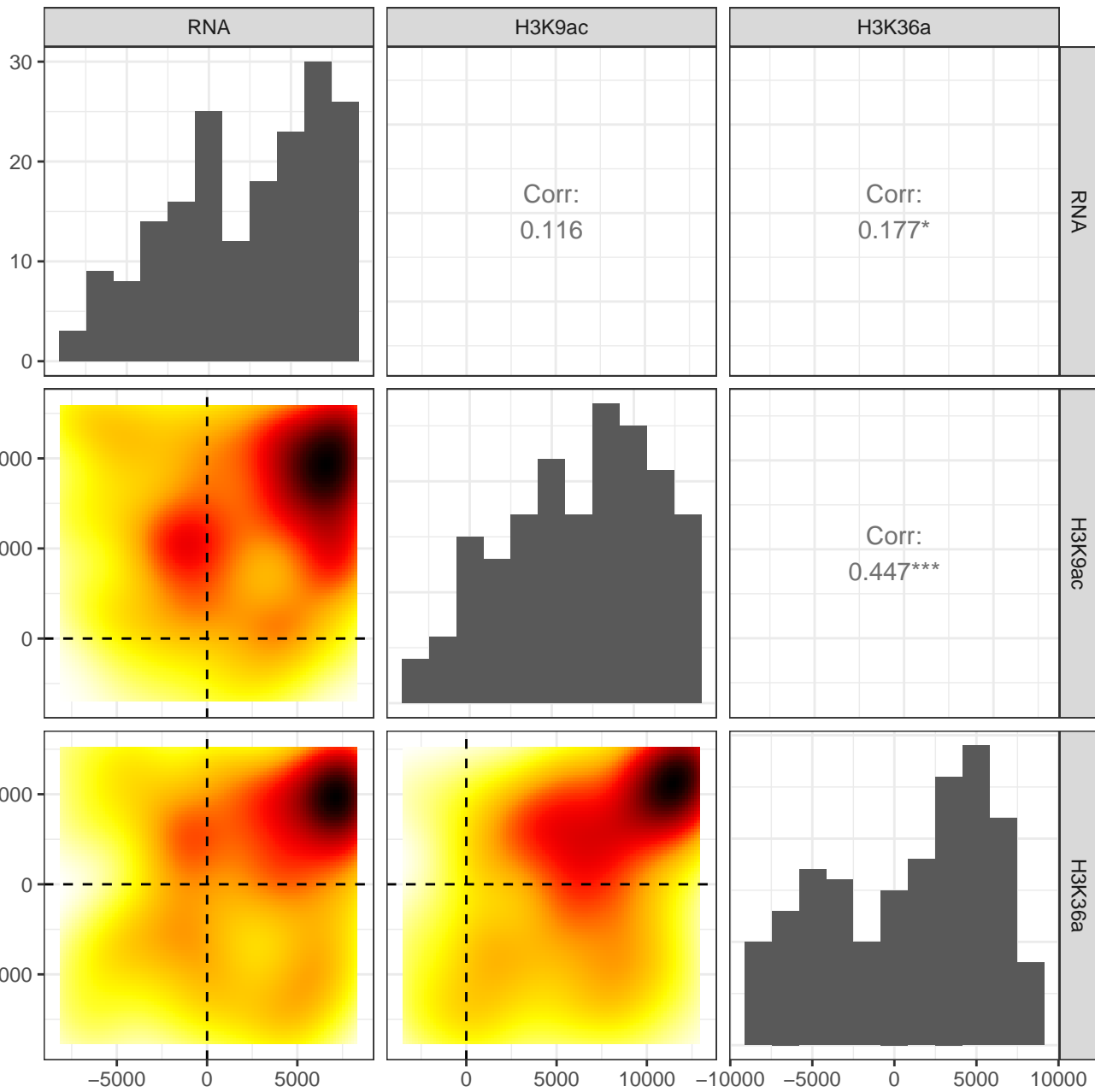
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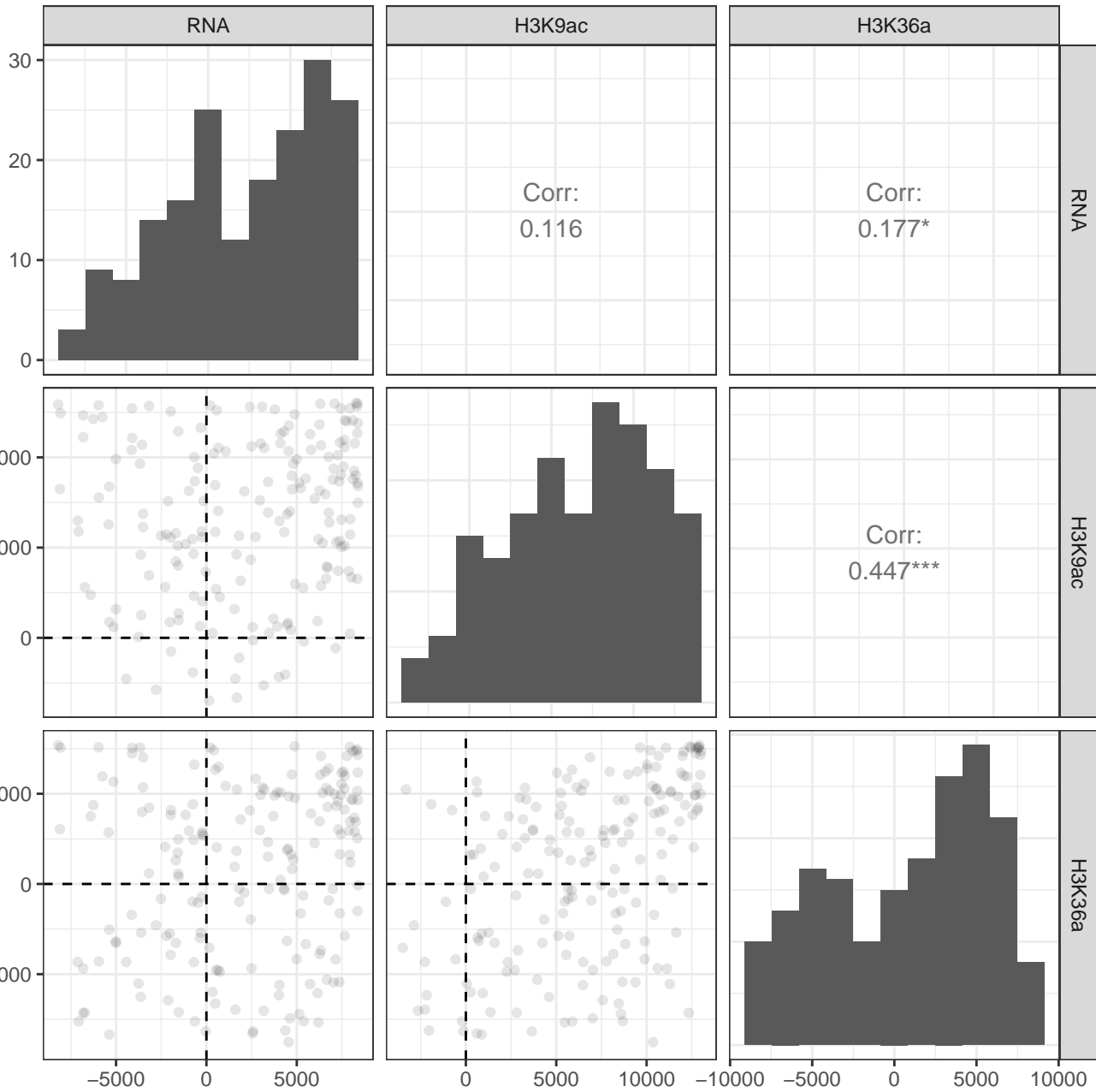
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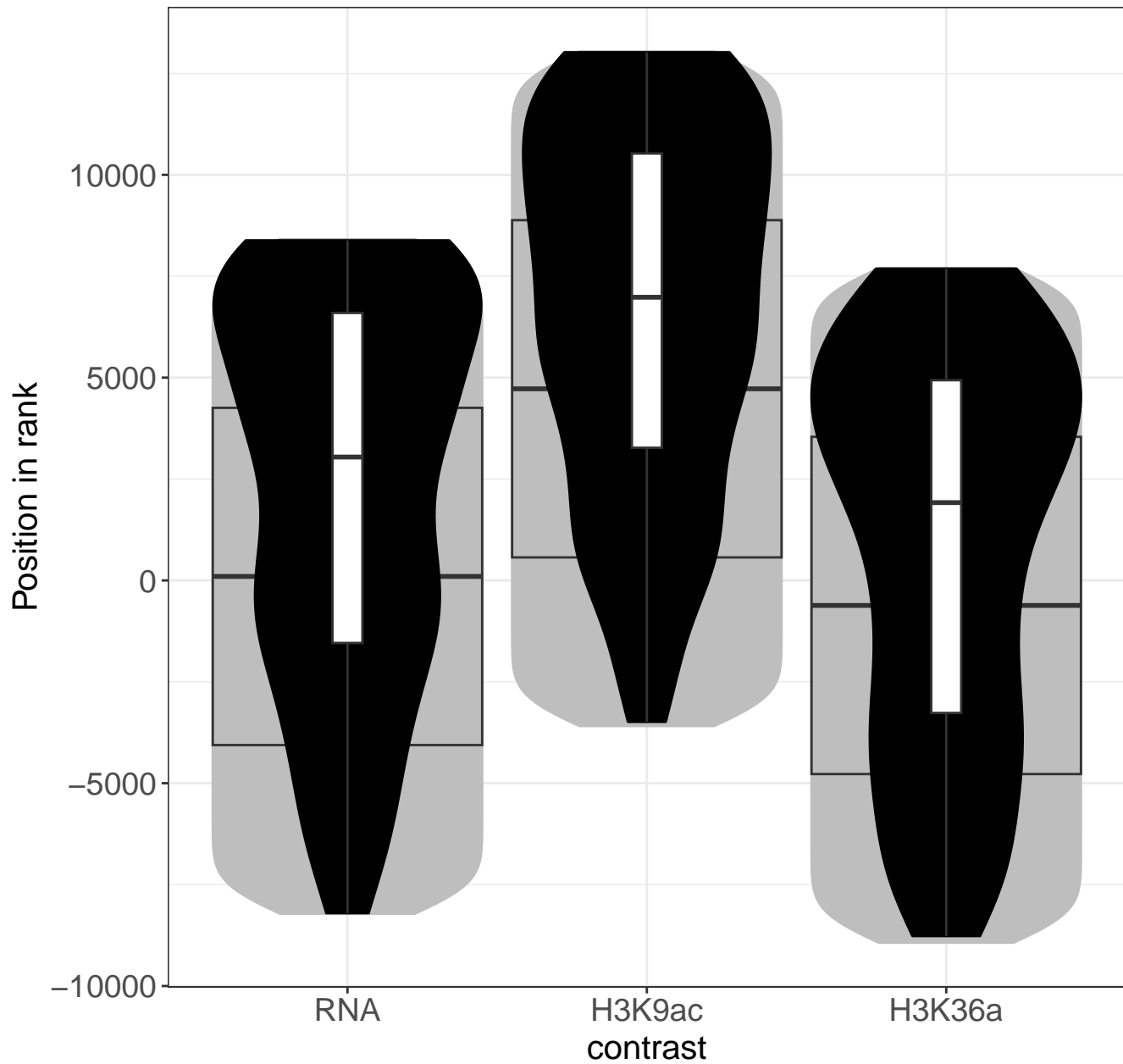
E4BP4 01



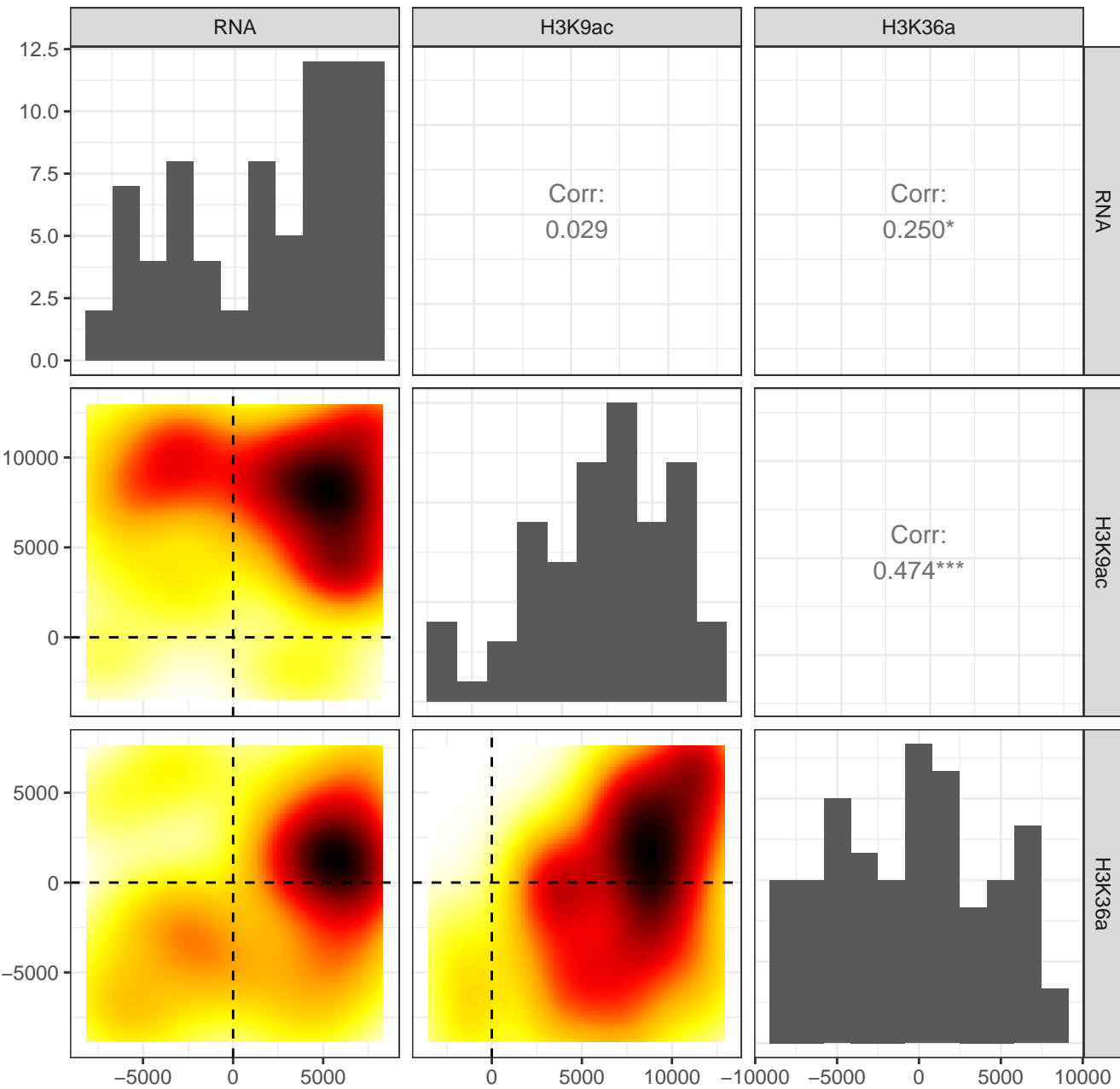
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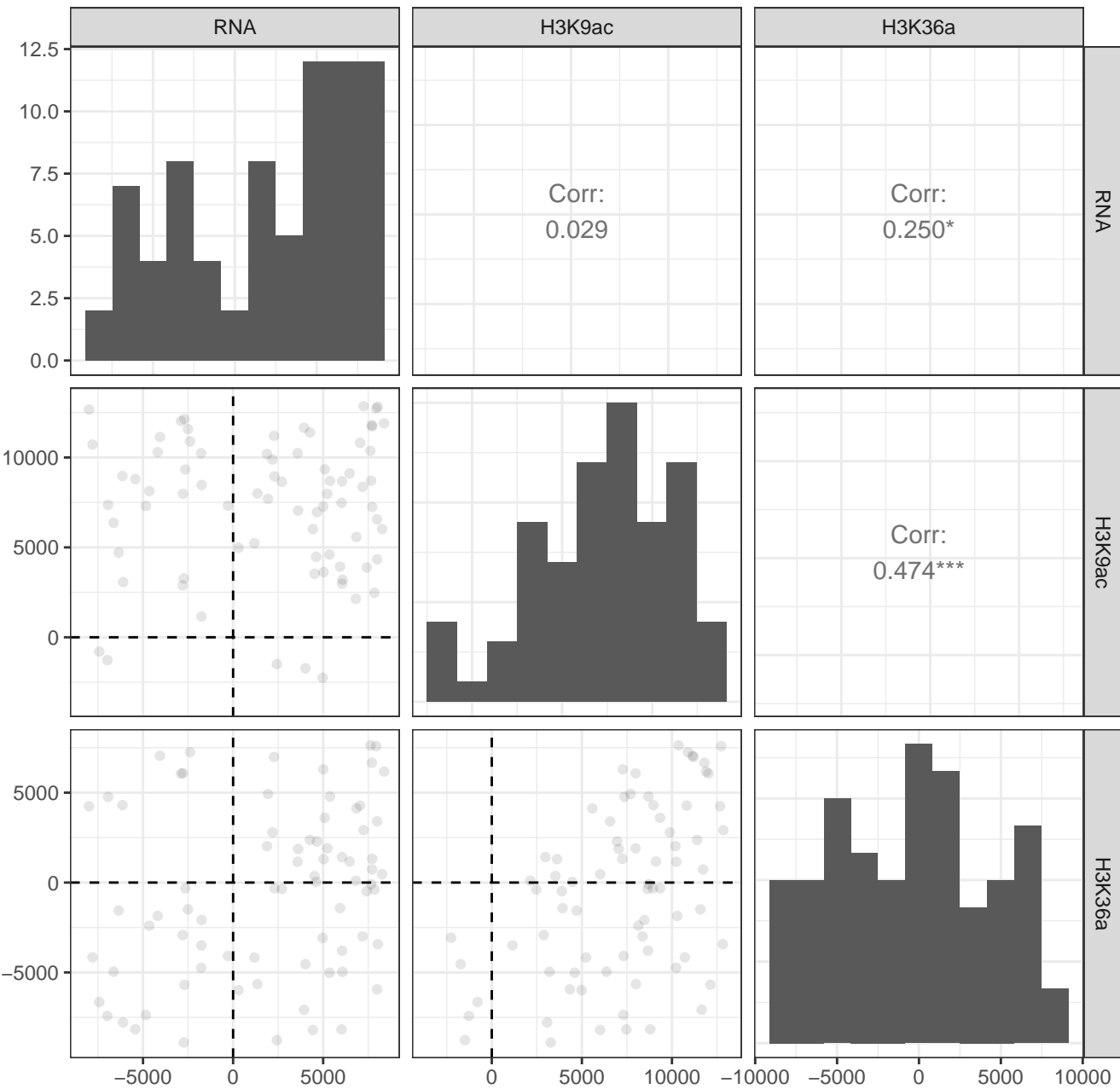
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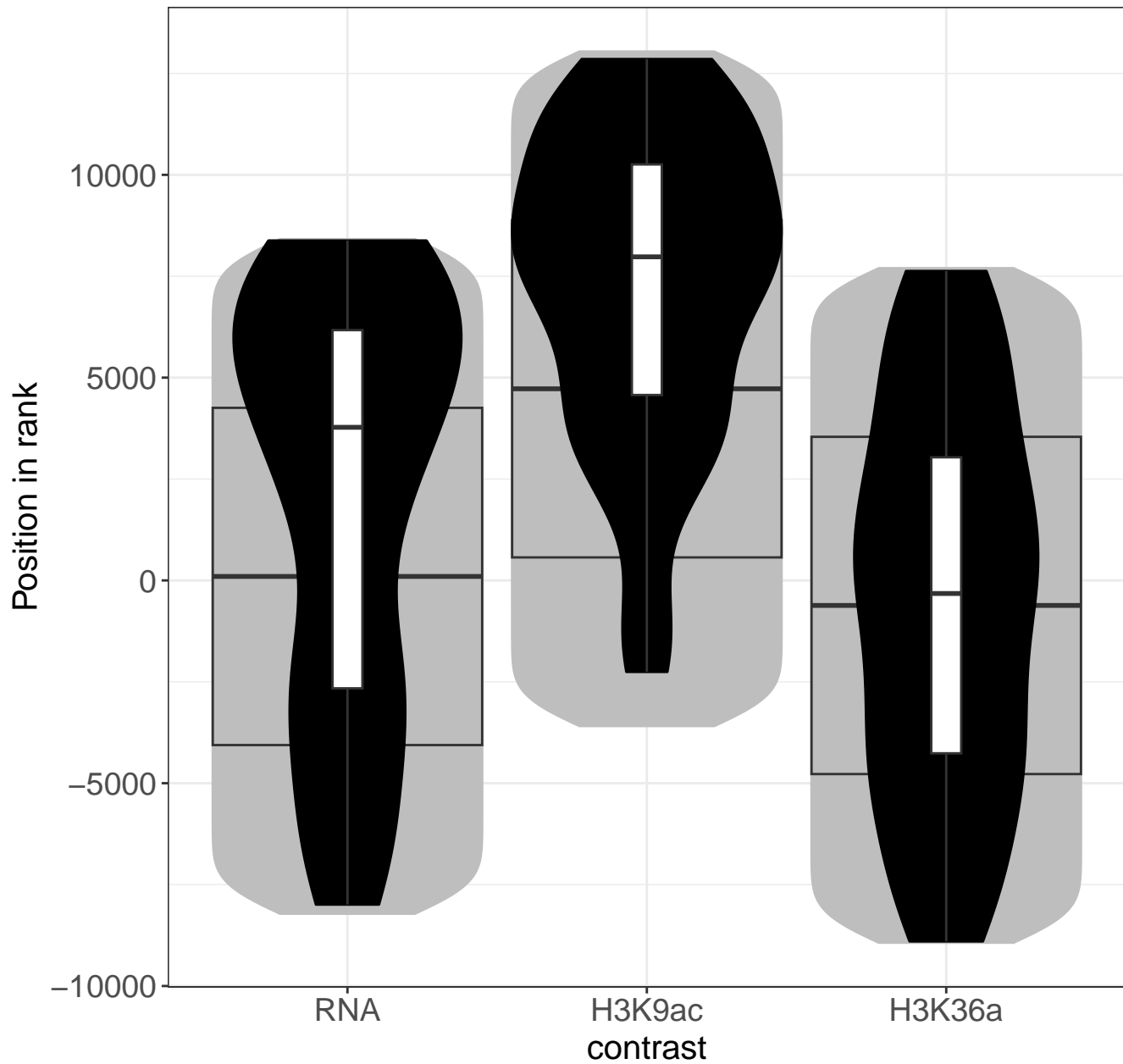
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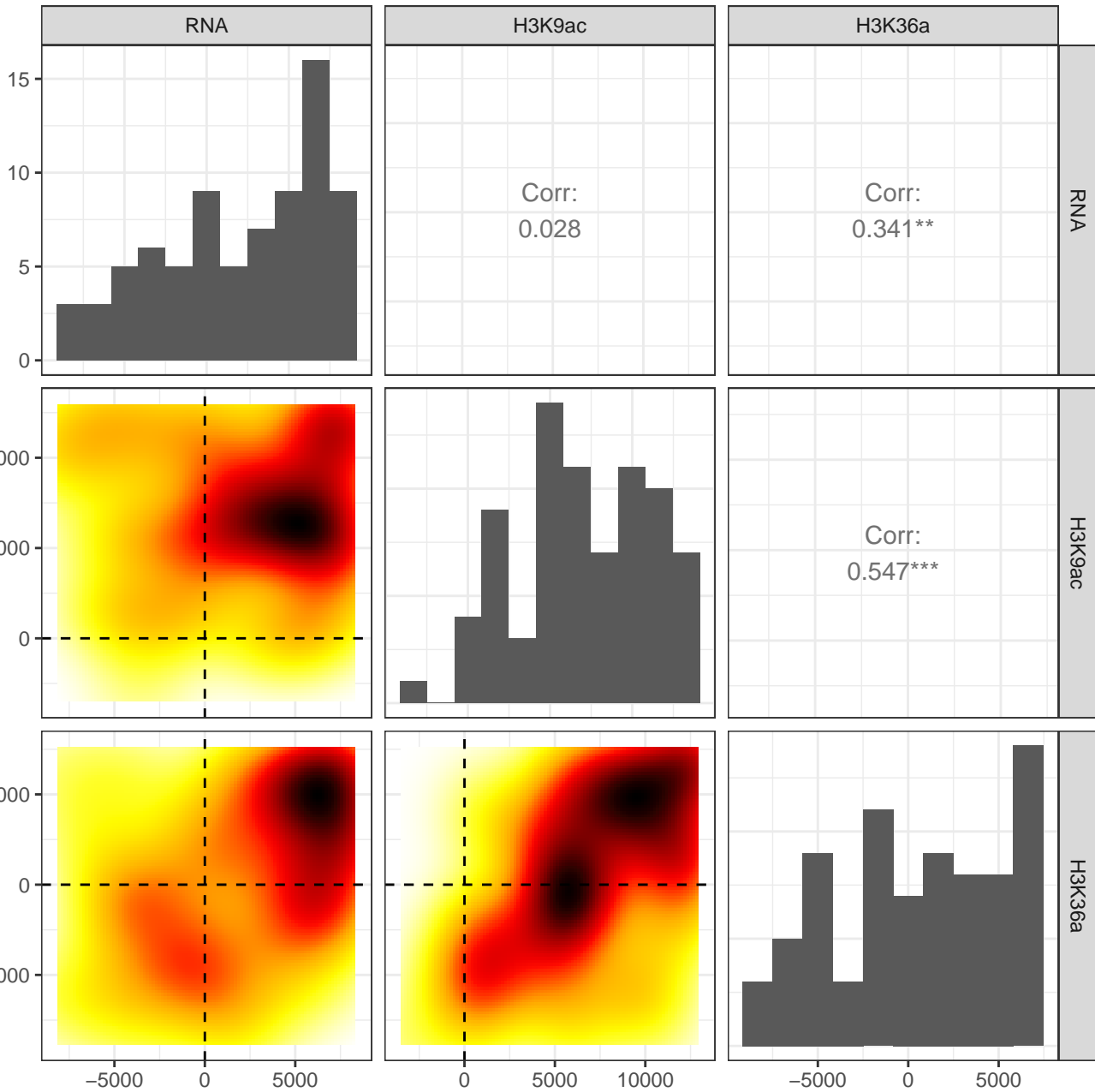
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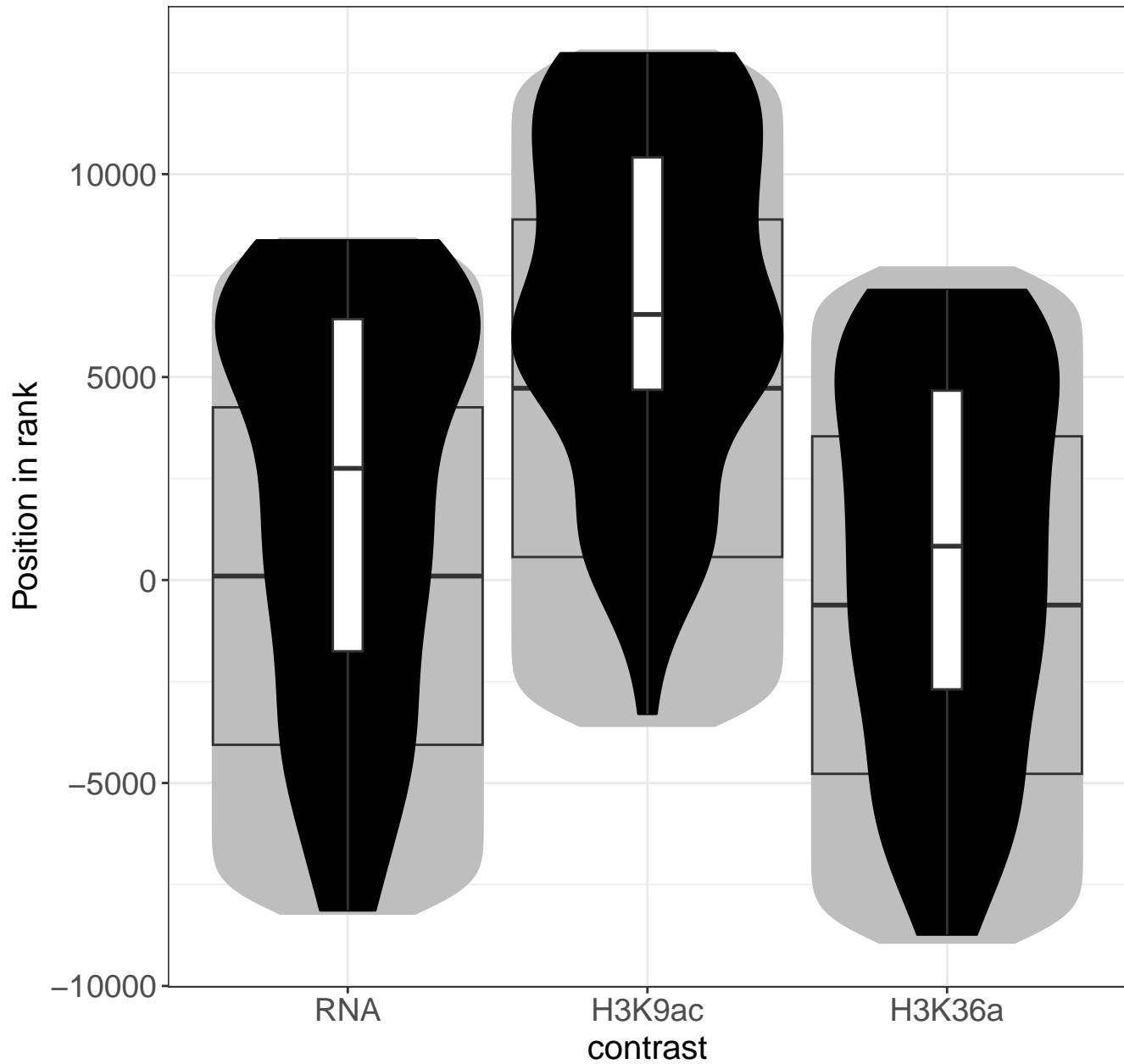
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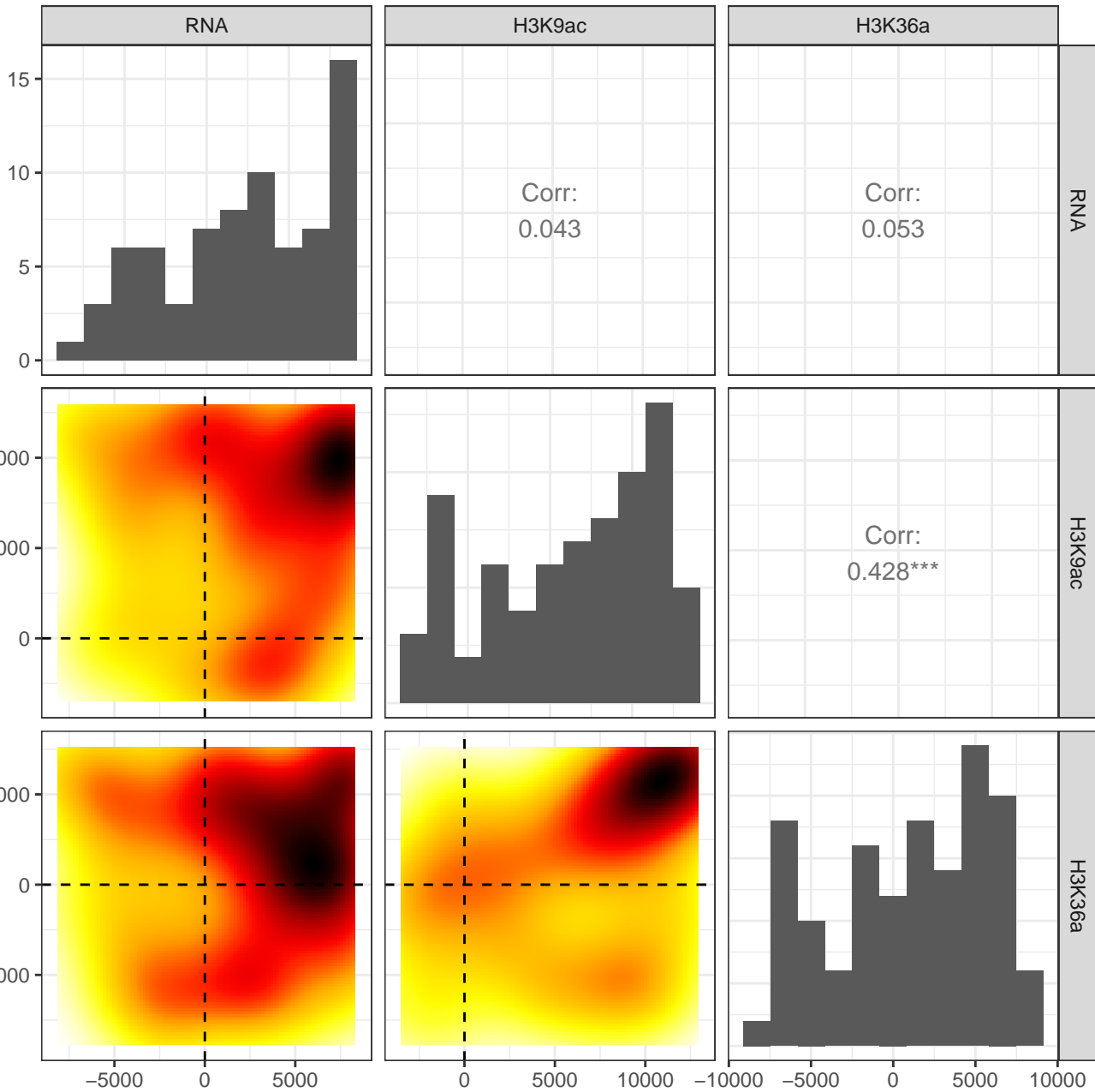
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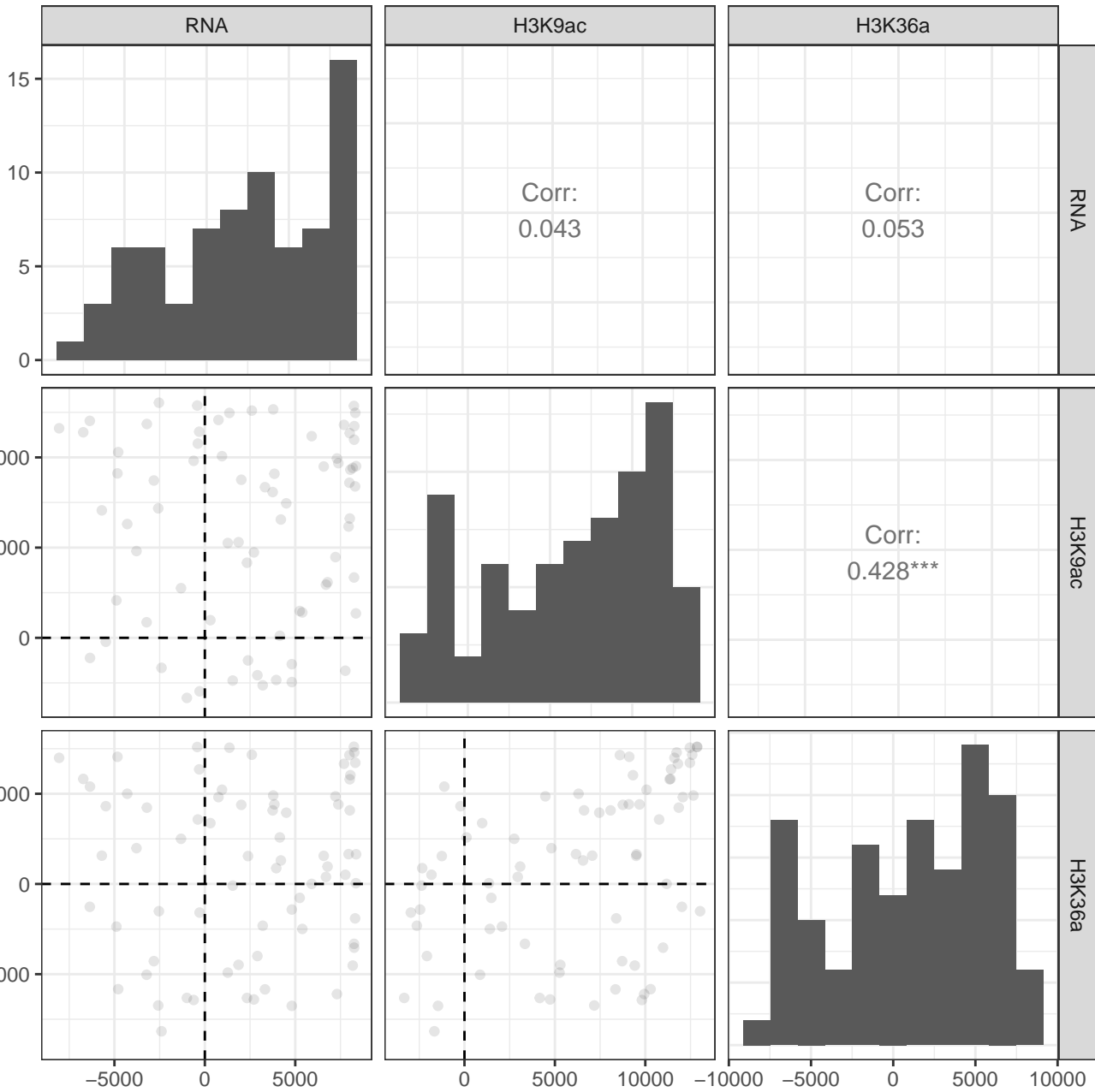
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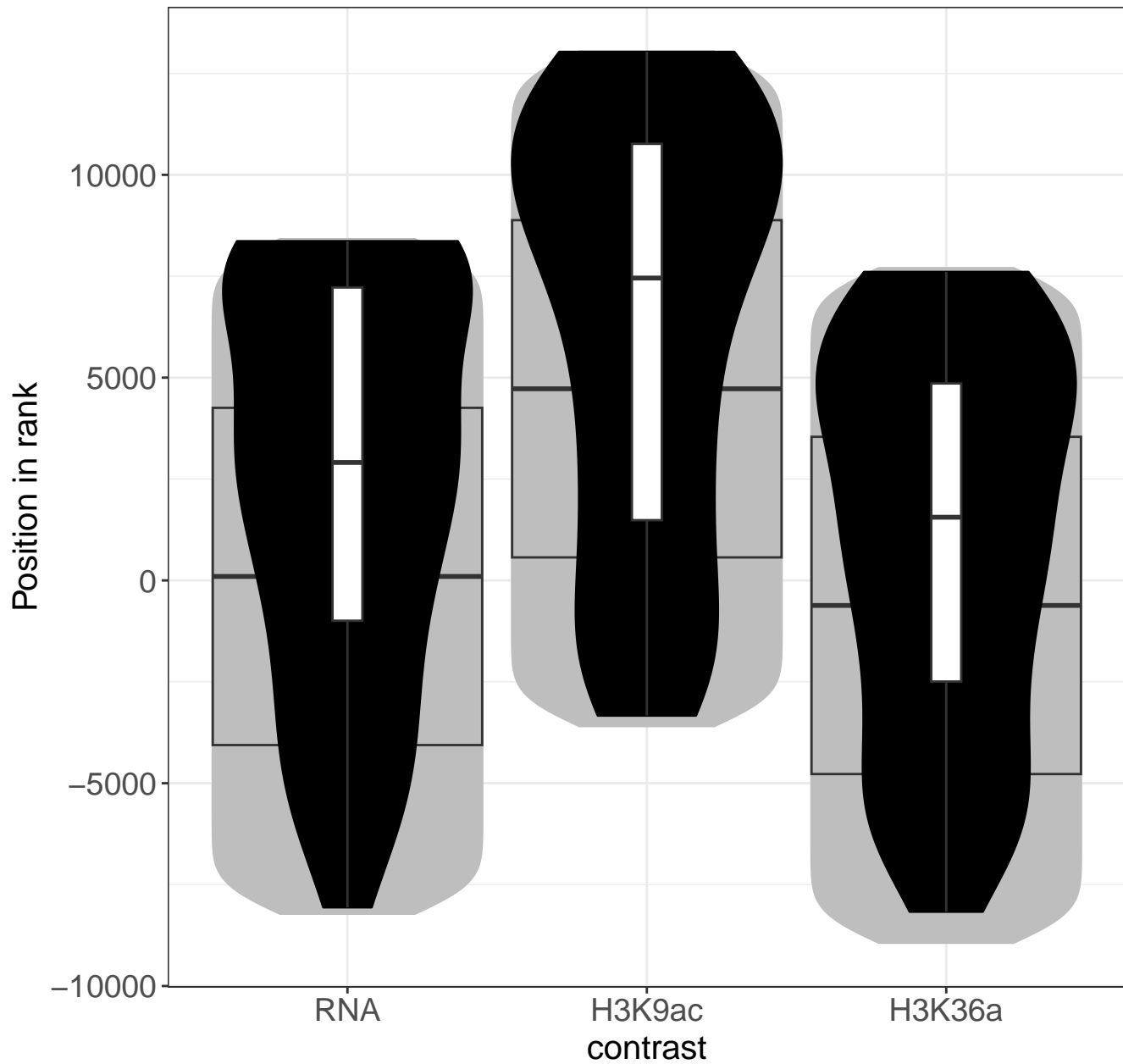
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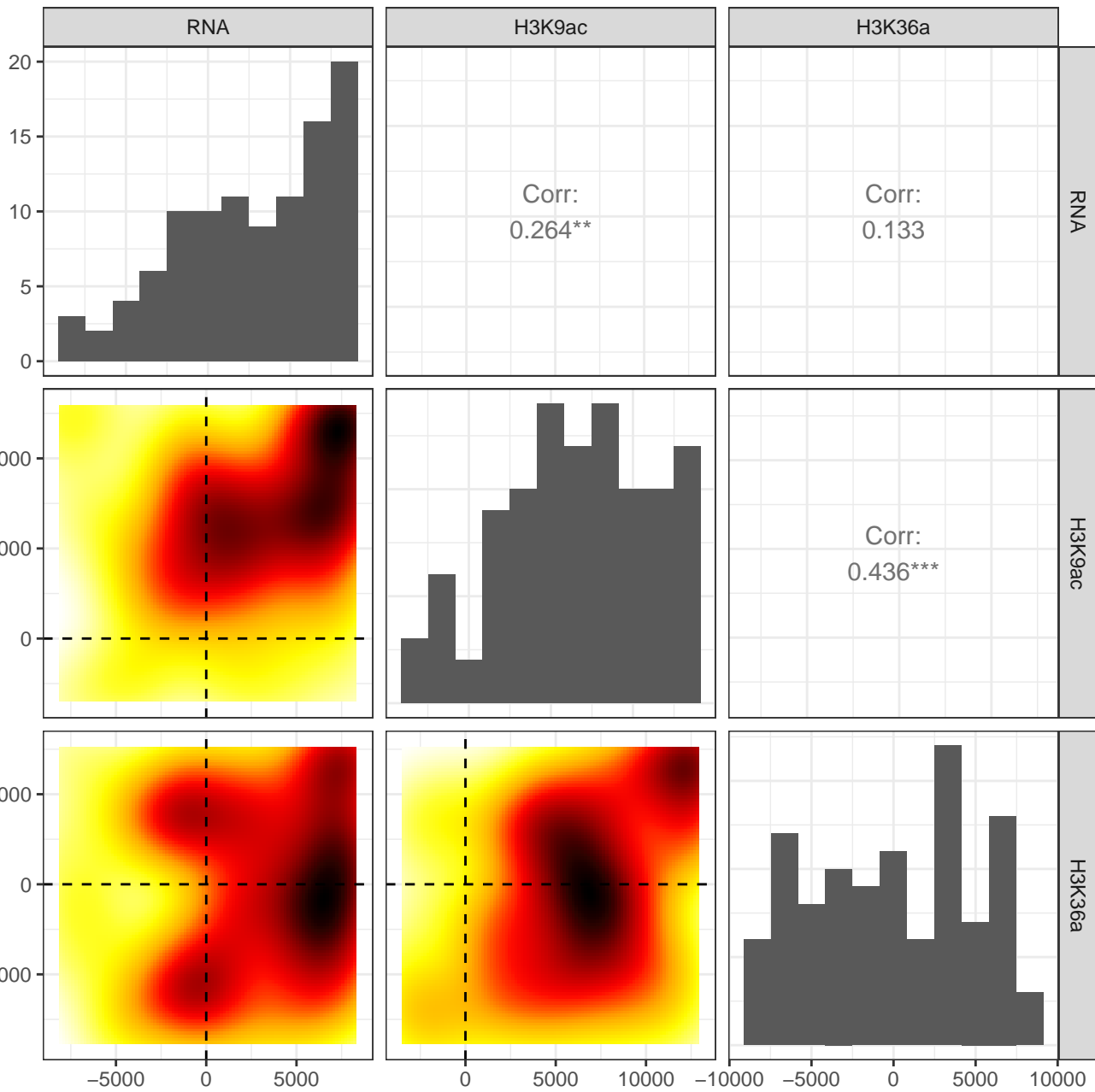
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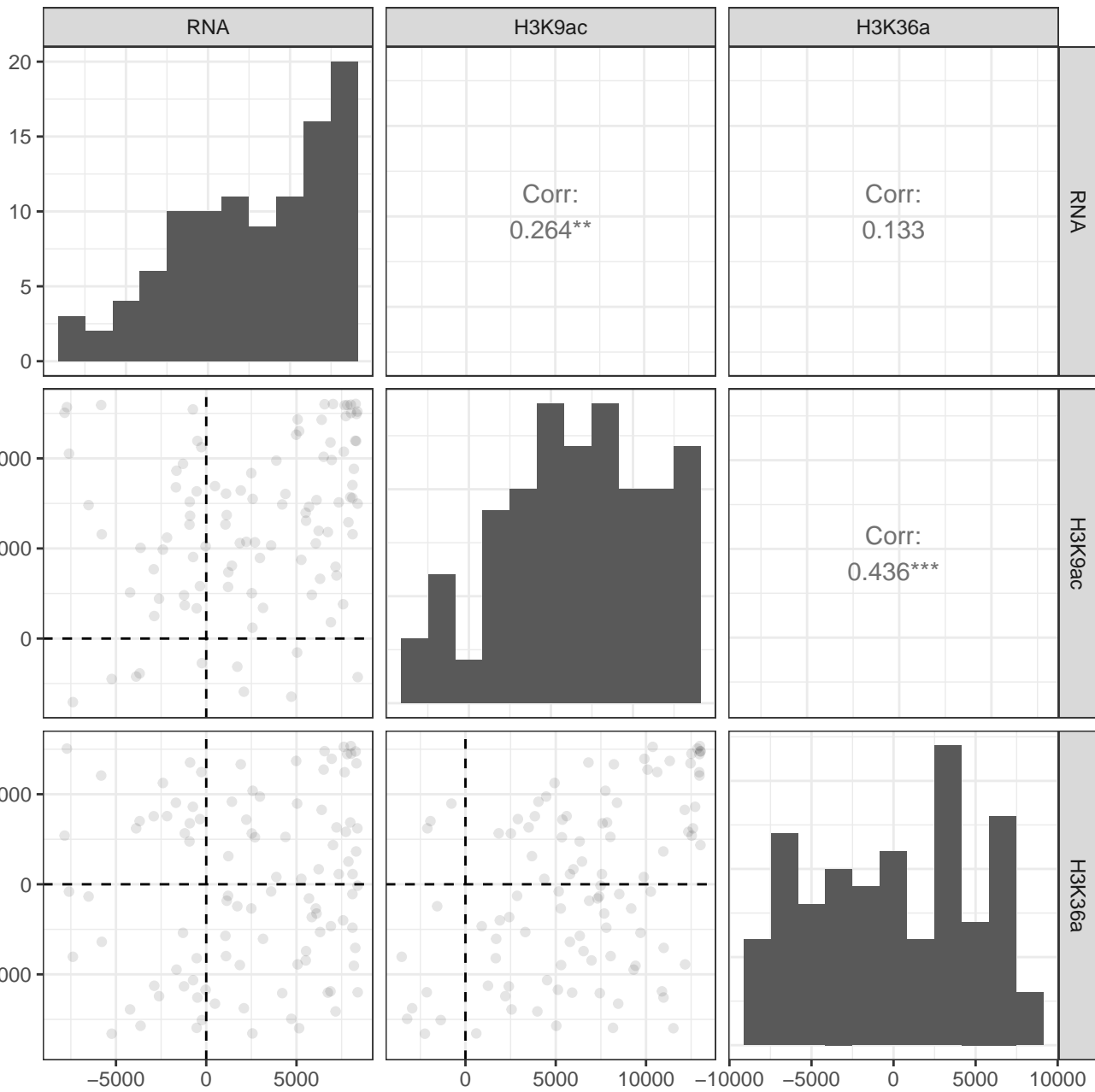
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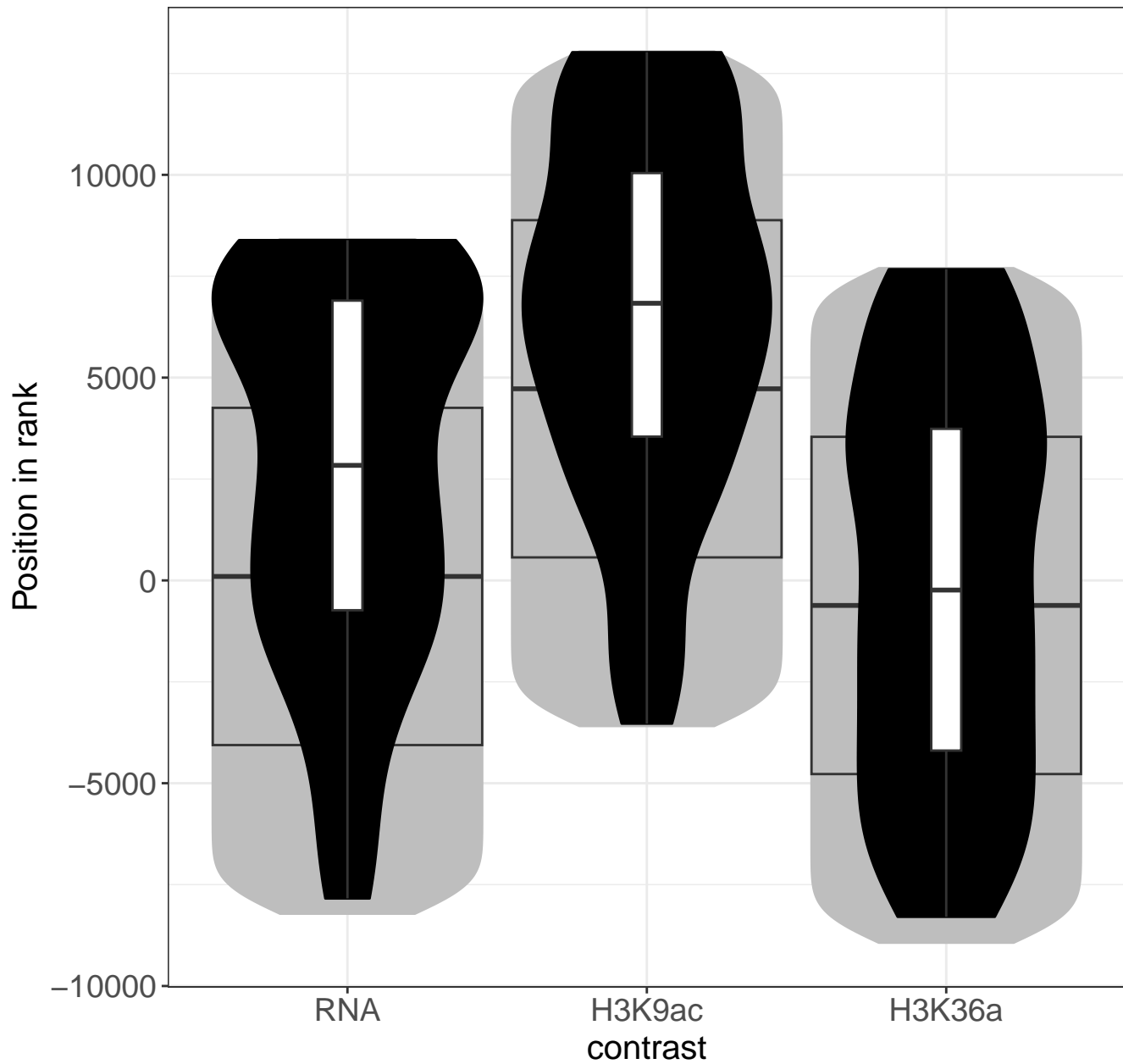
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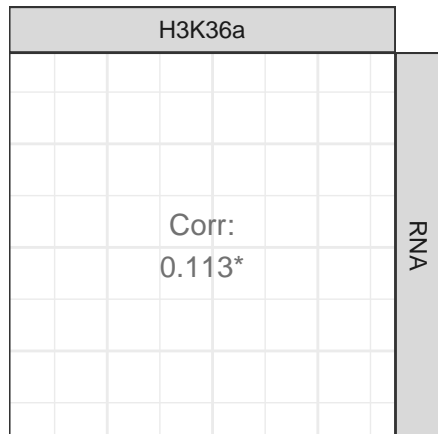
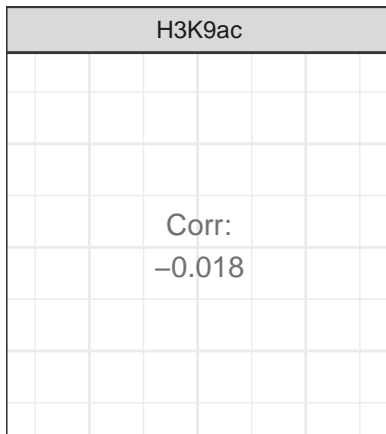
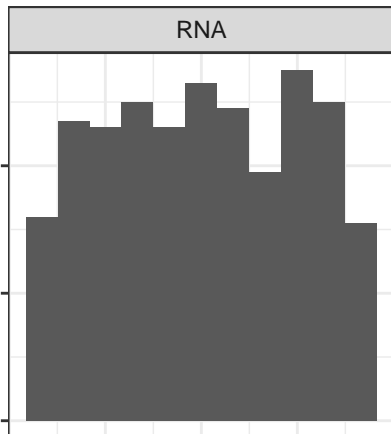
ATF6 01



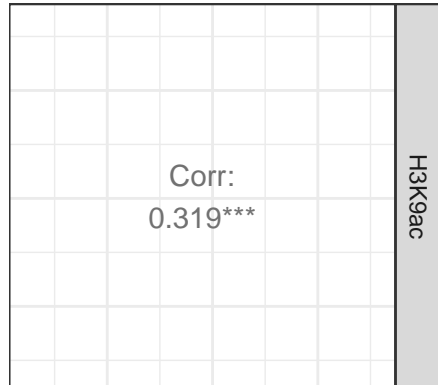
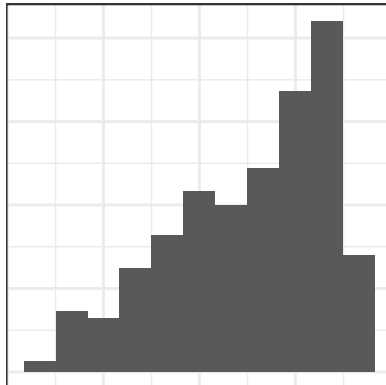
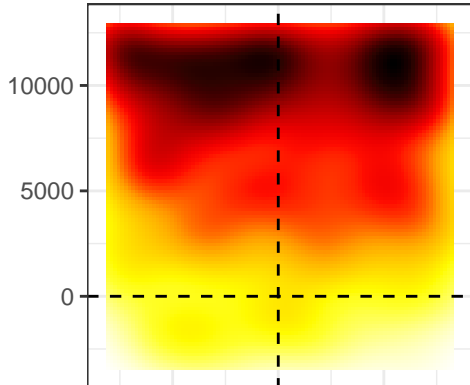
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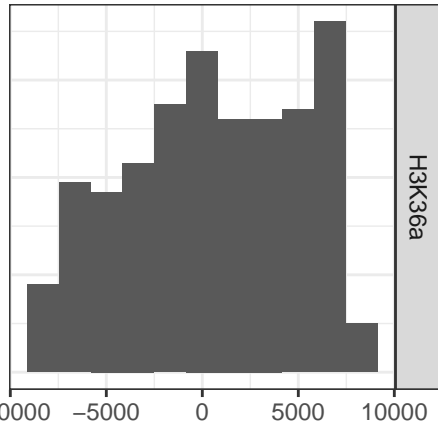
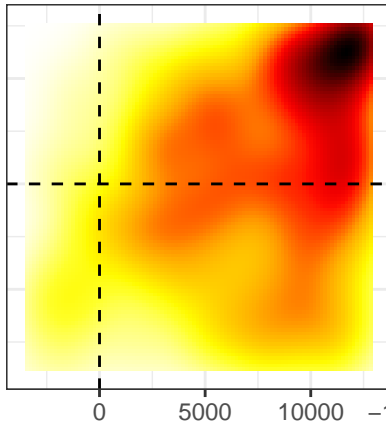
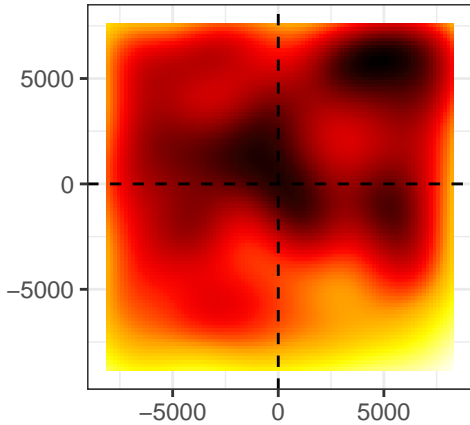
DLX6 TARGET GENES



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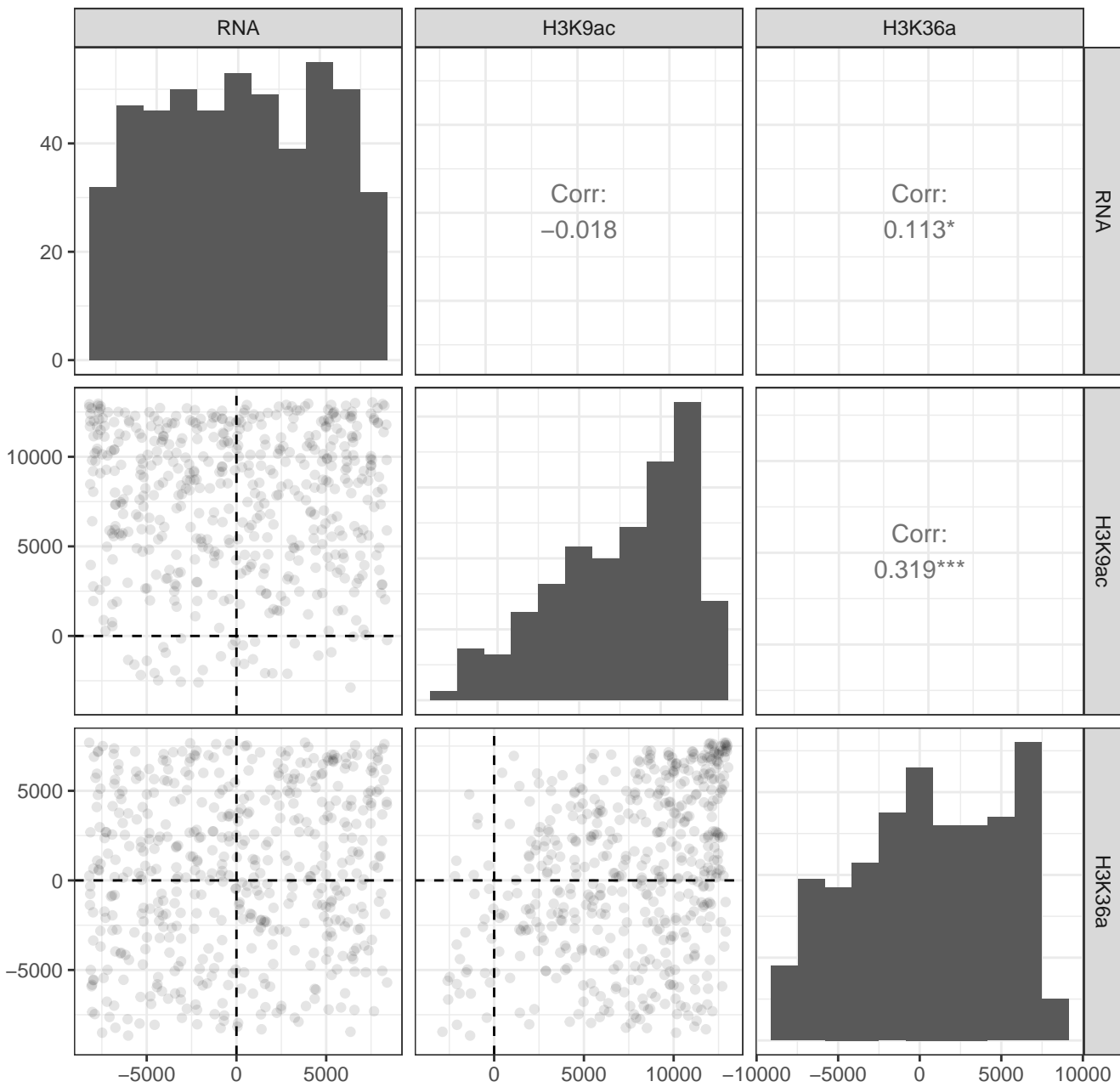


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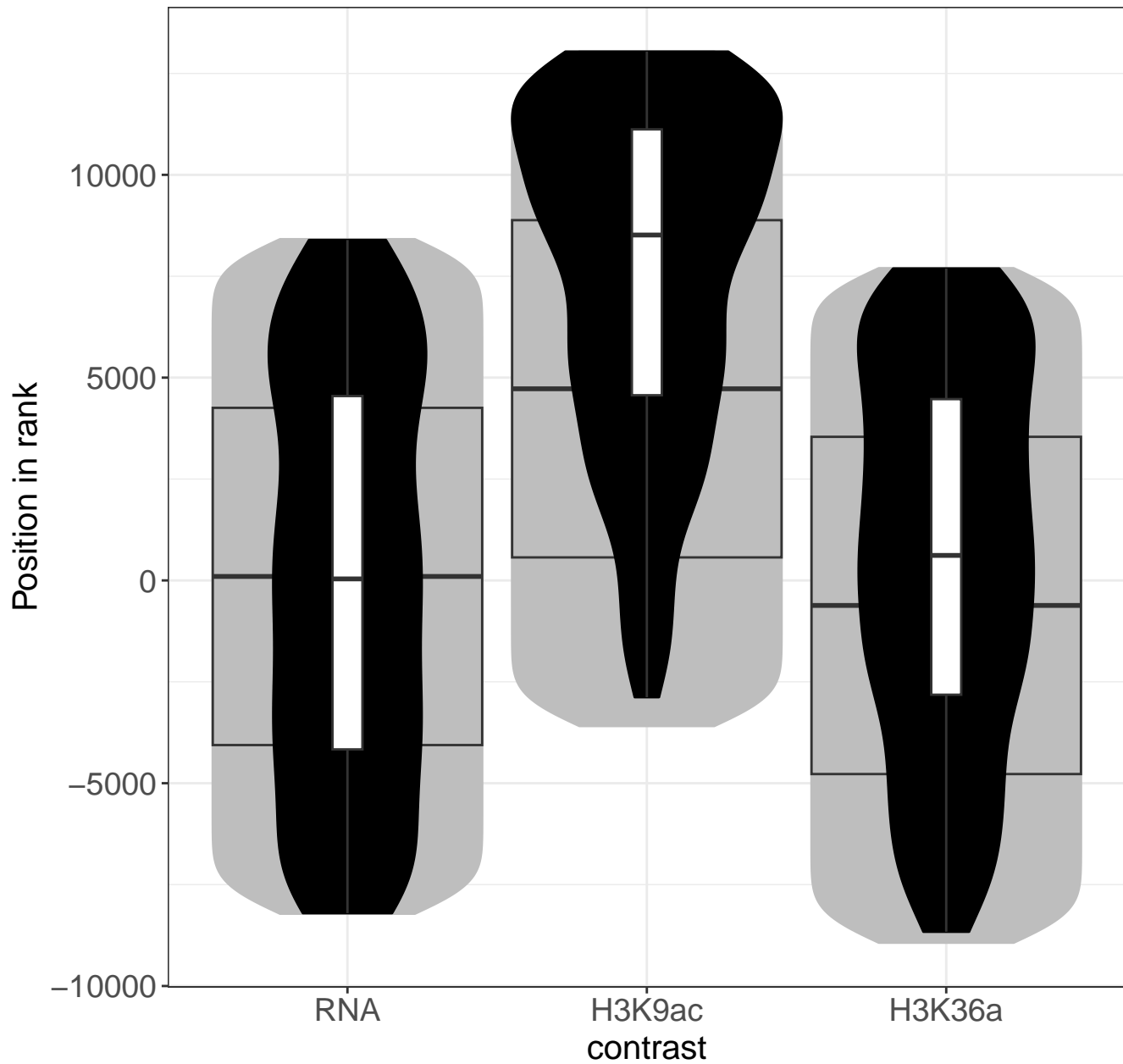


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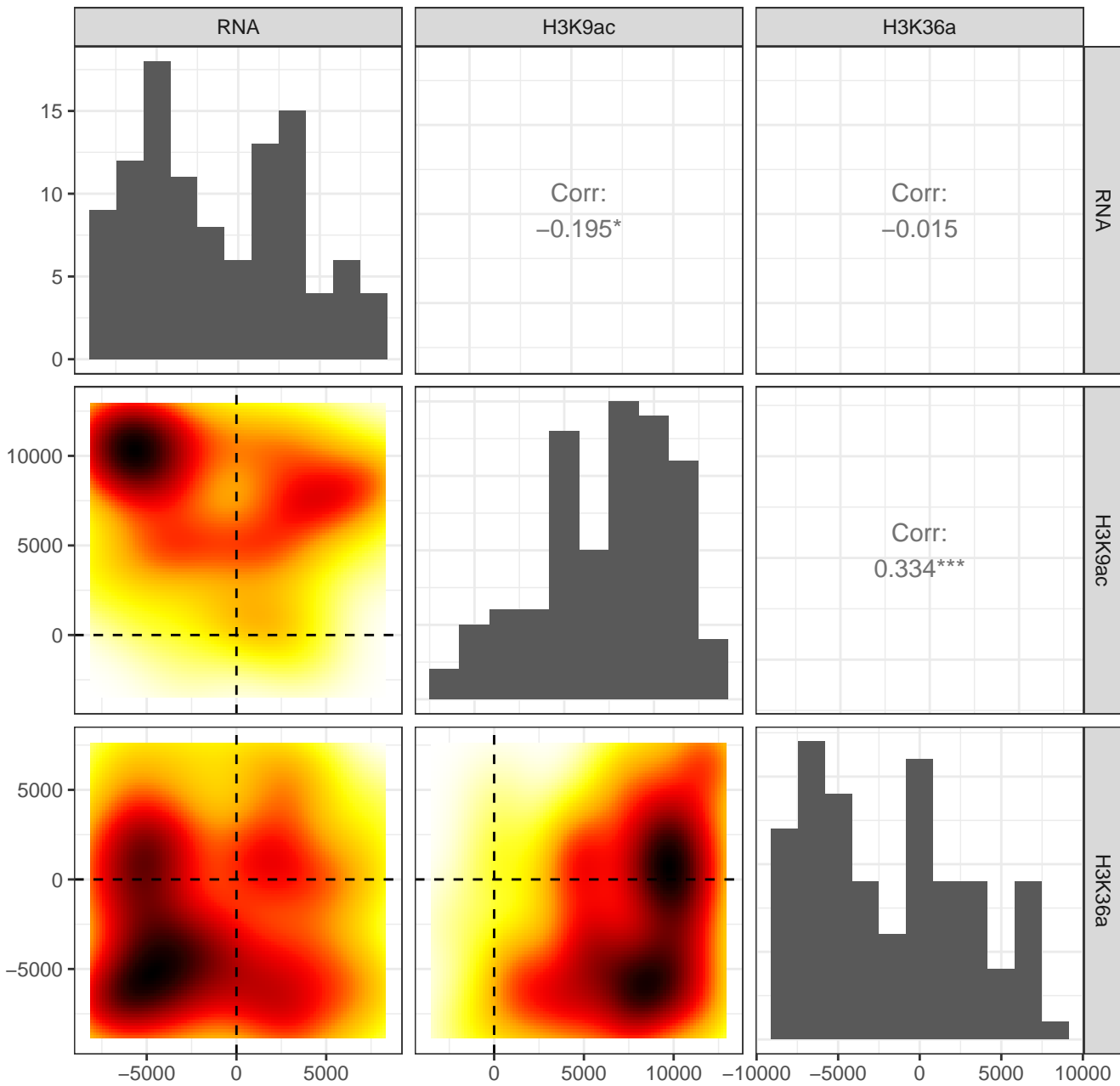
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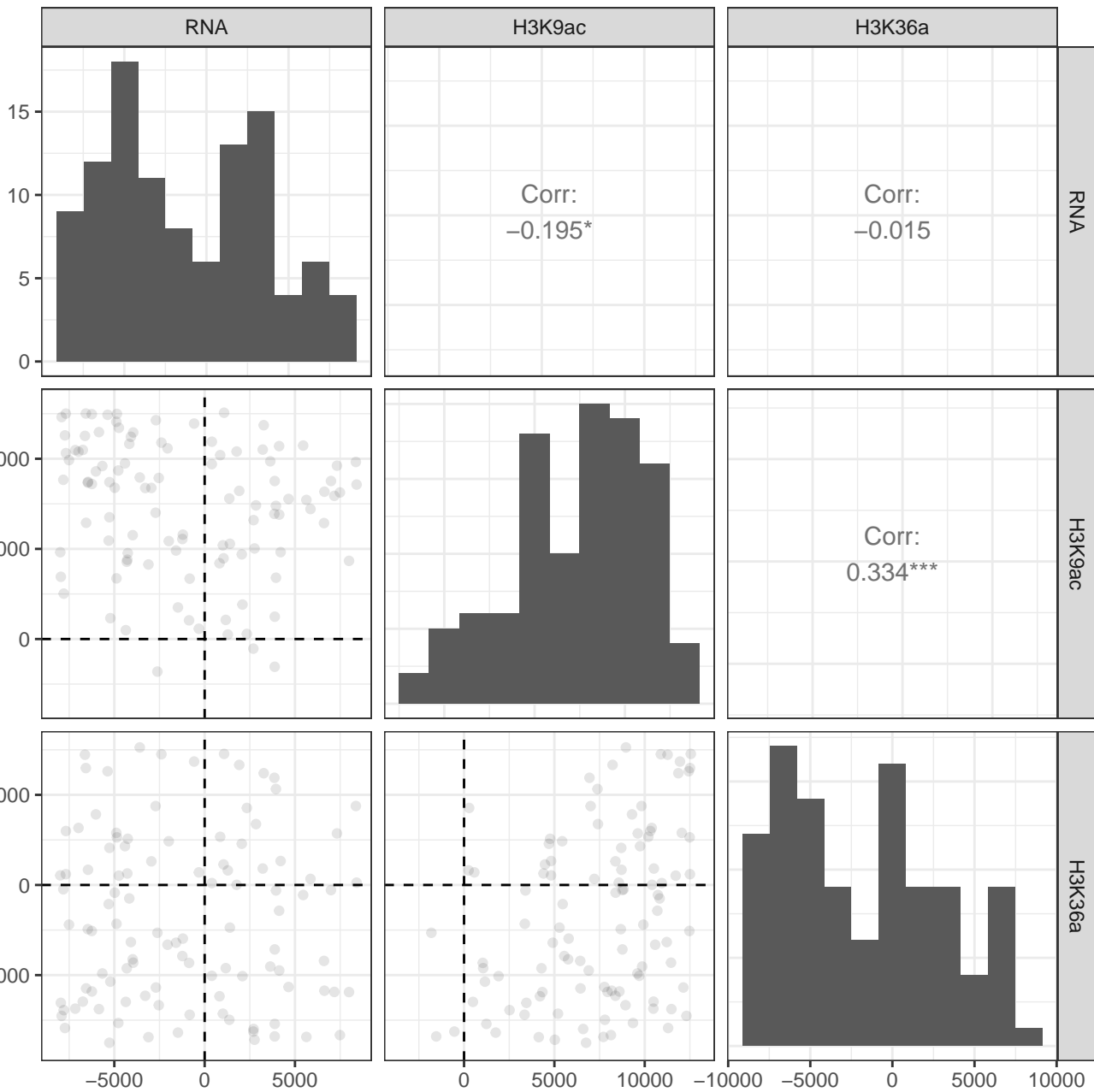
DLX6 TARGET GENES



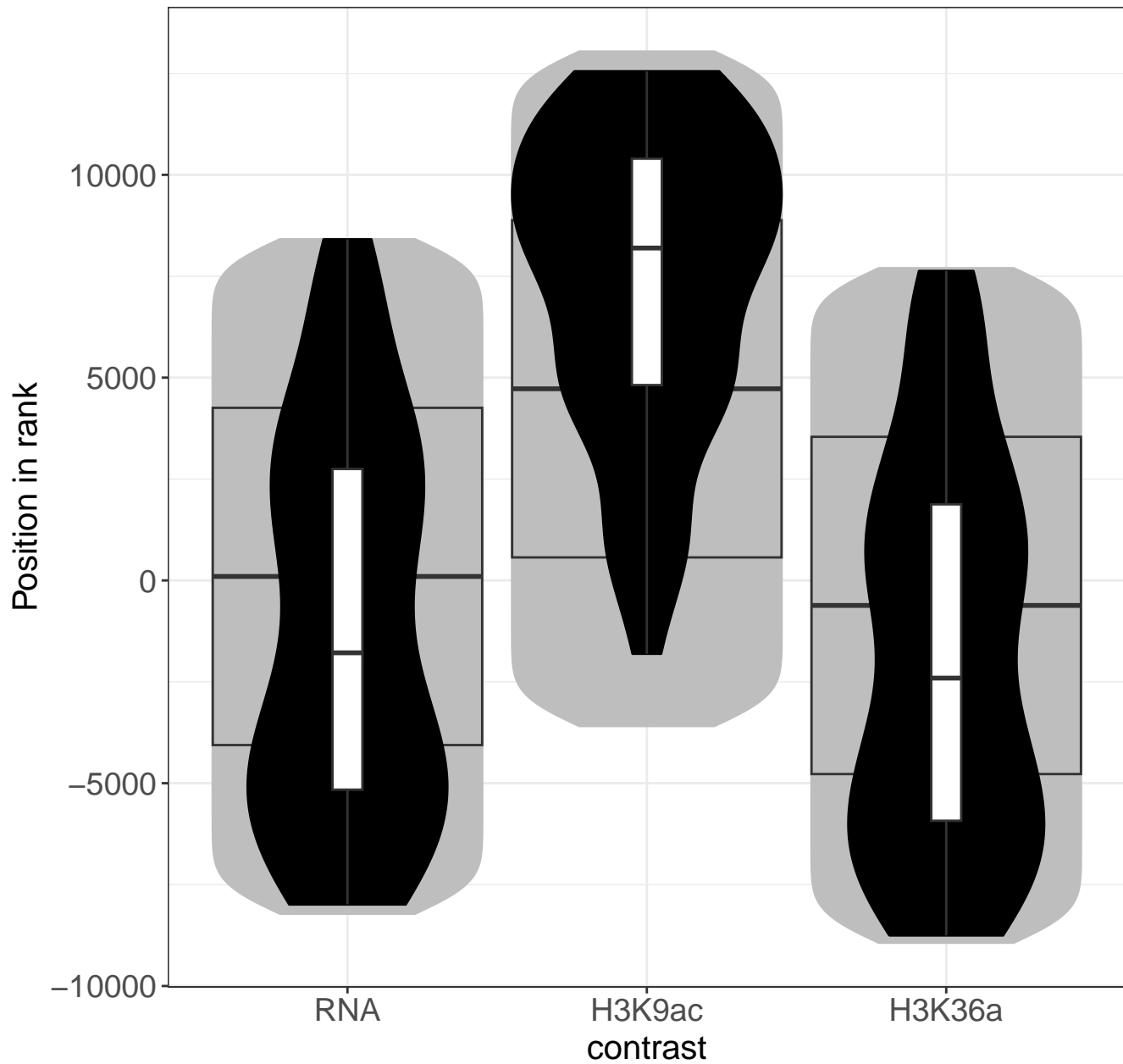
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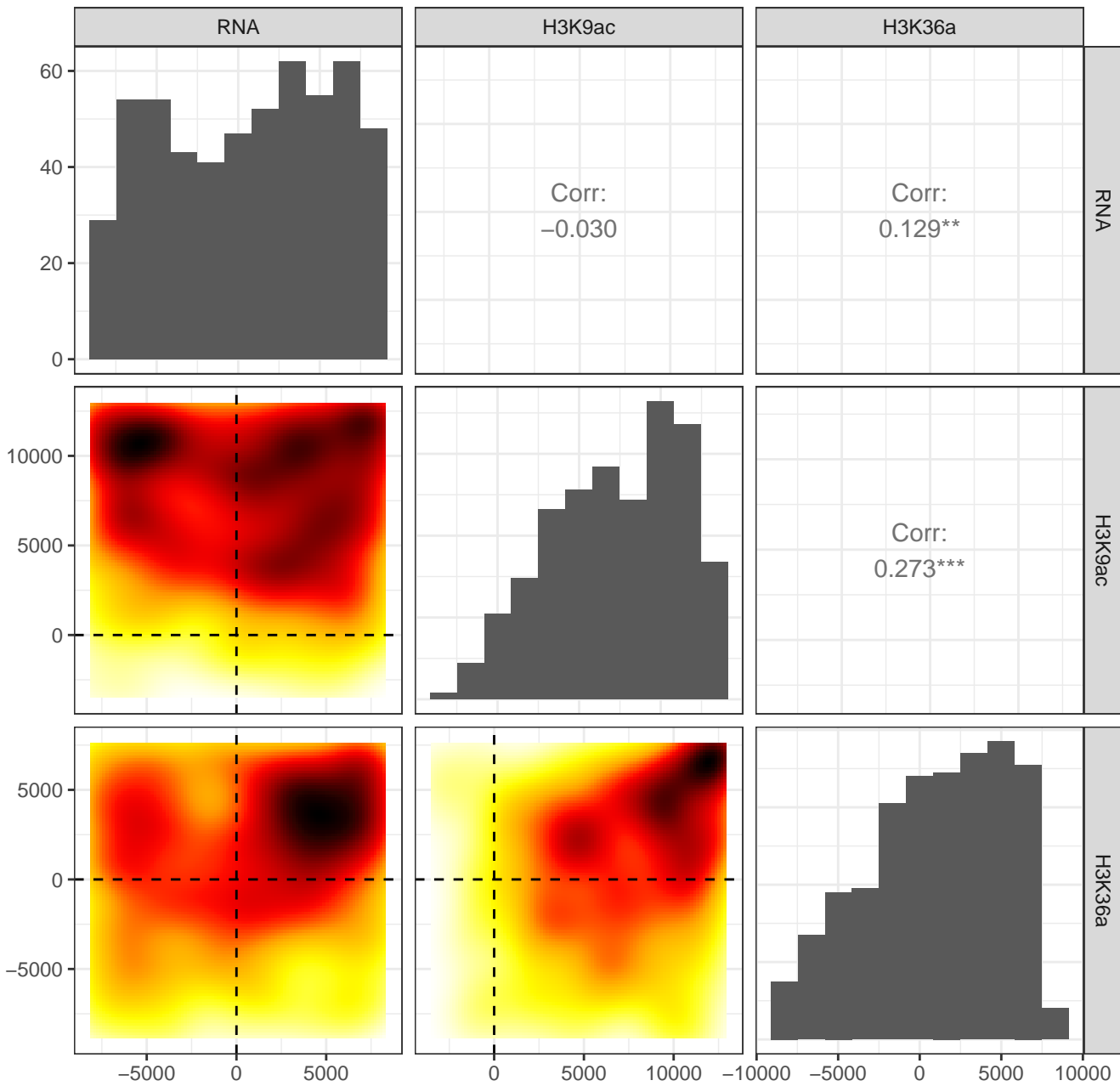
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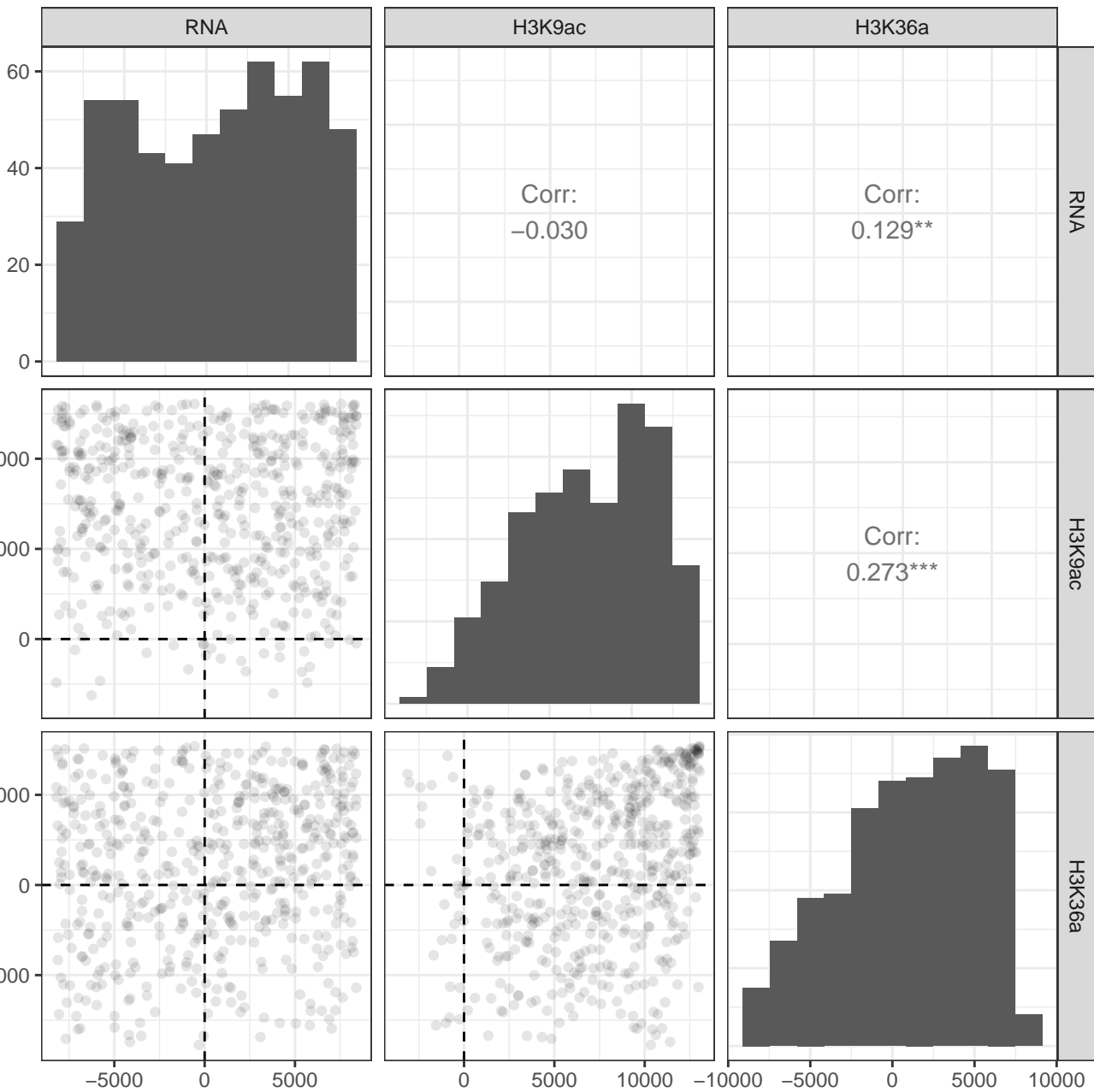
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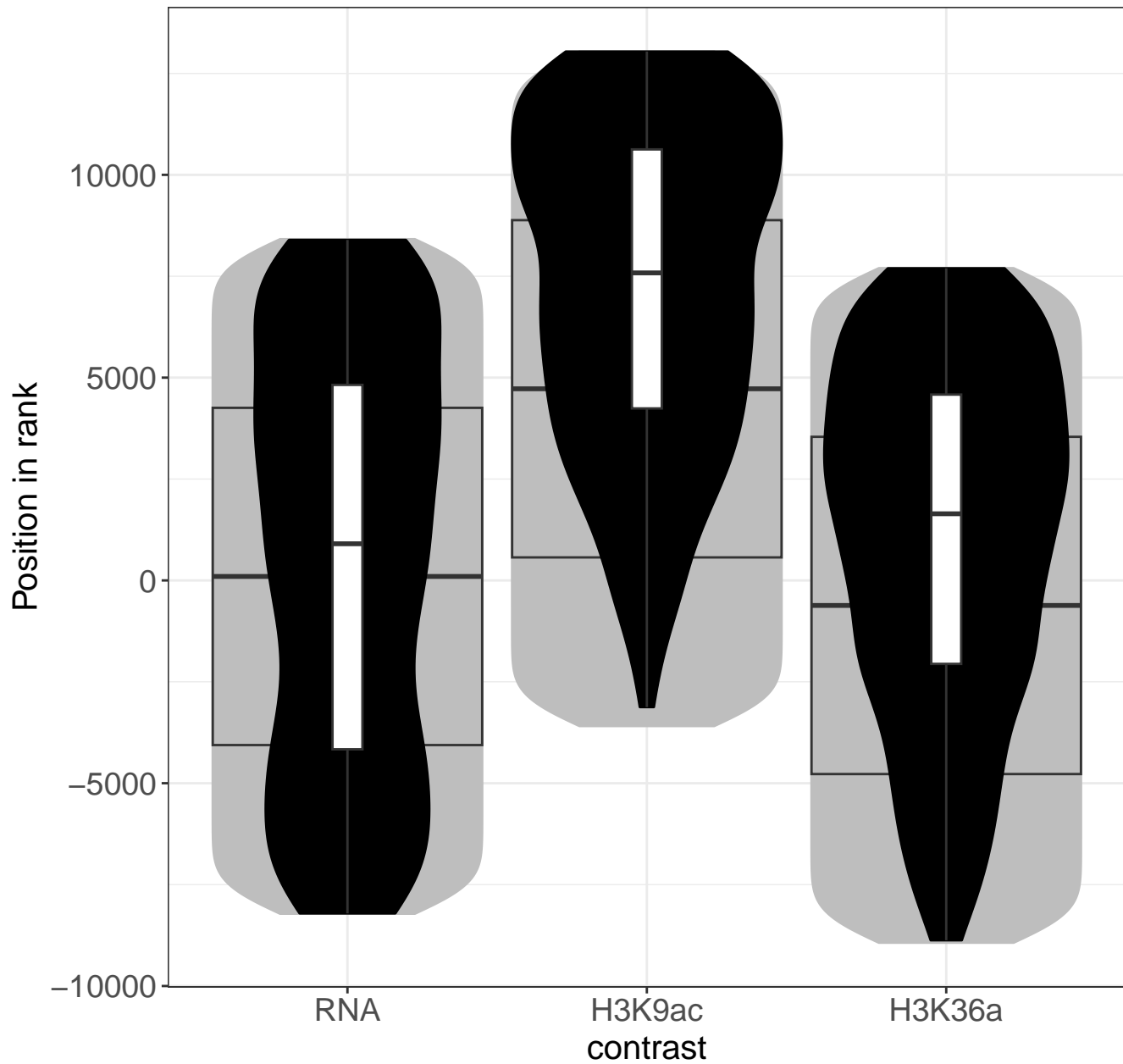
MXD1 TARGET GENES



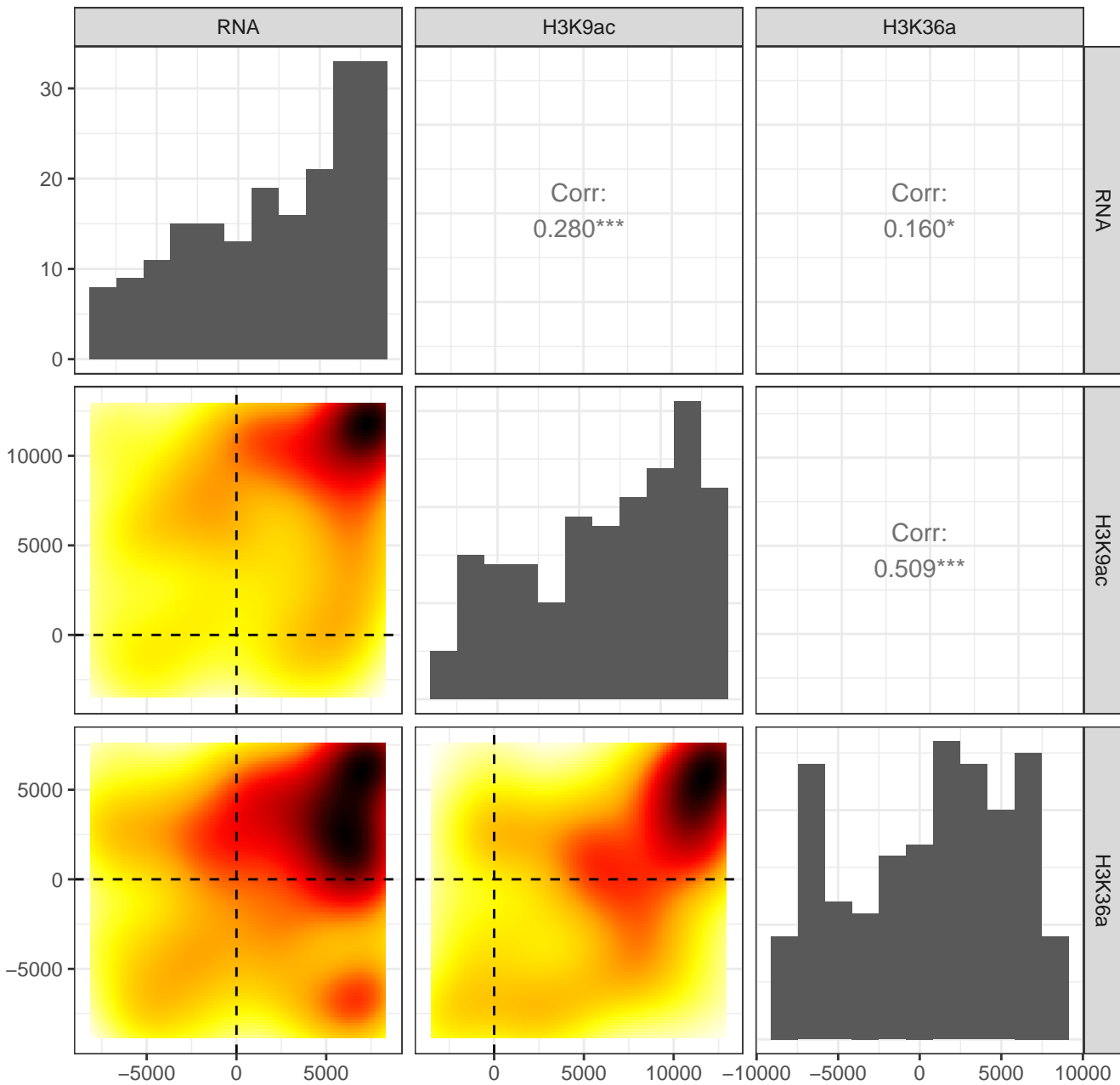
MXD1 TARGET GENES



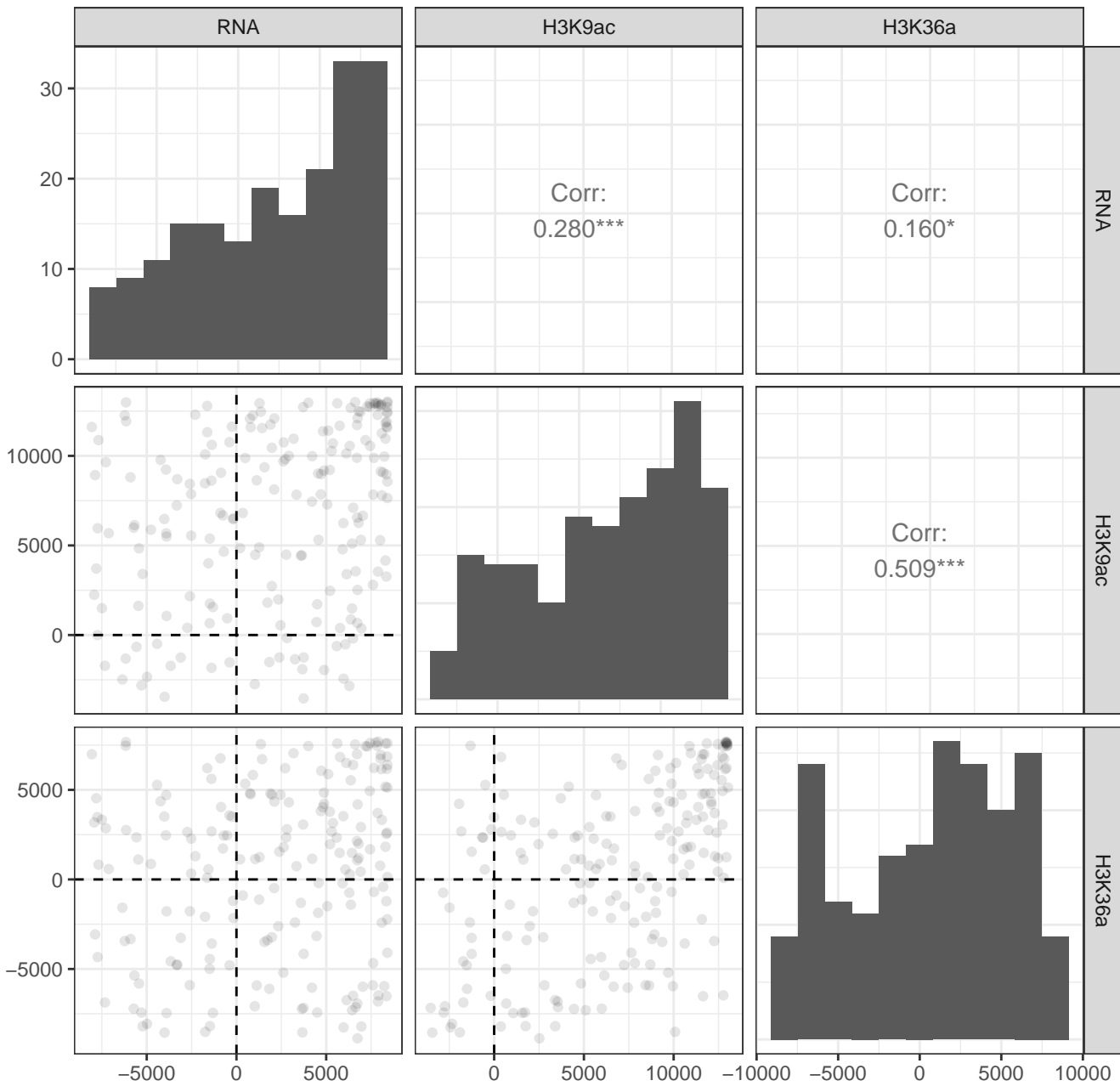
MXD1 TARGET GENES



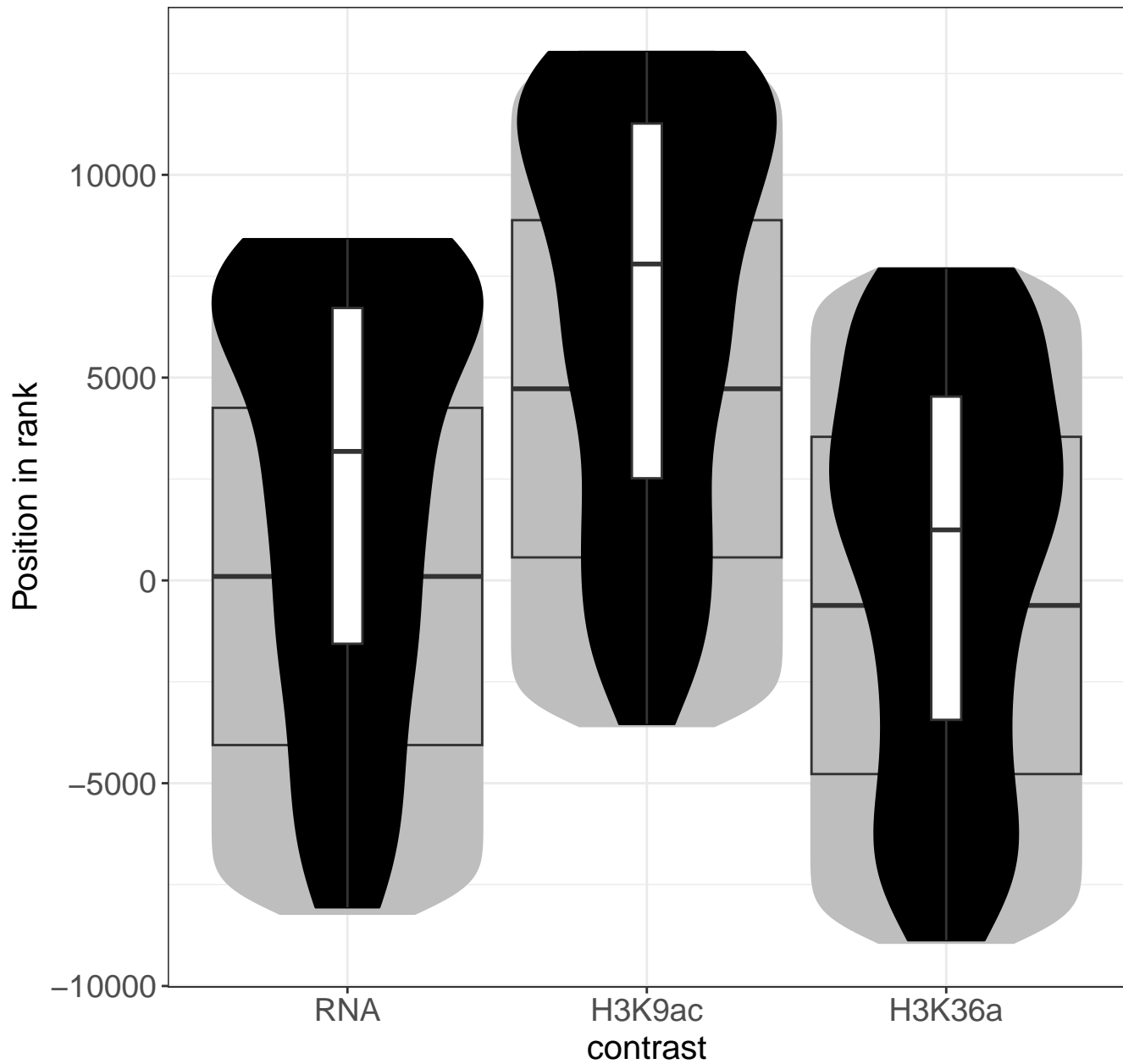
HSF2 01



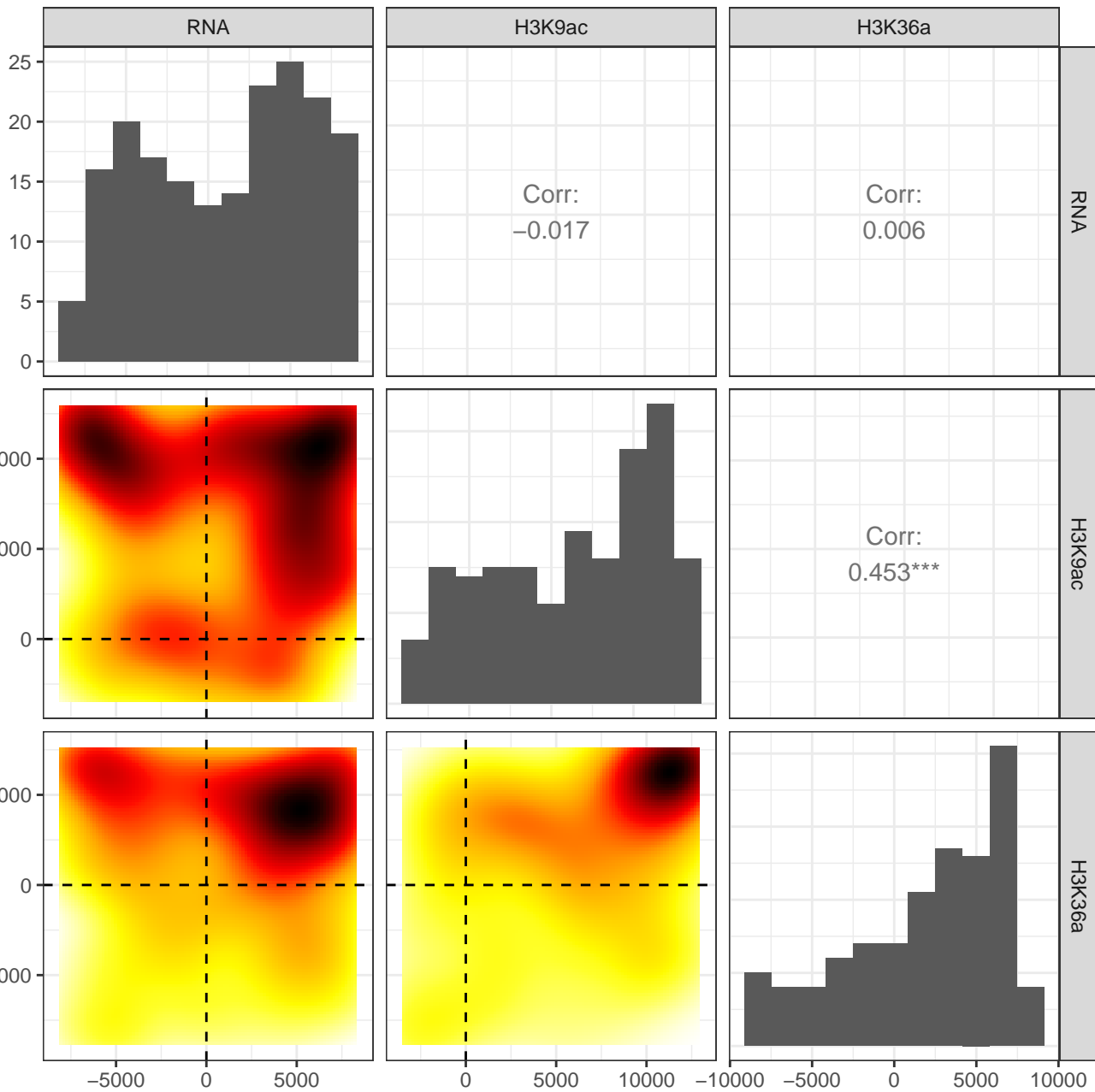
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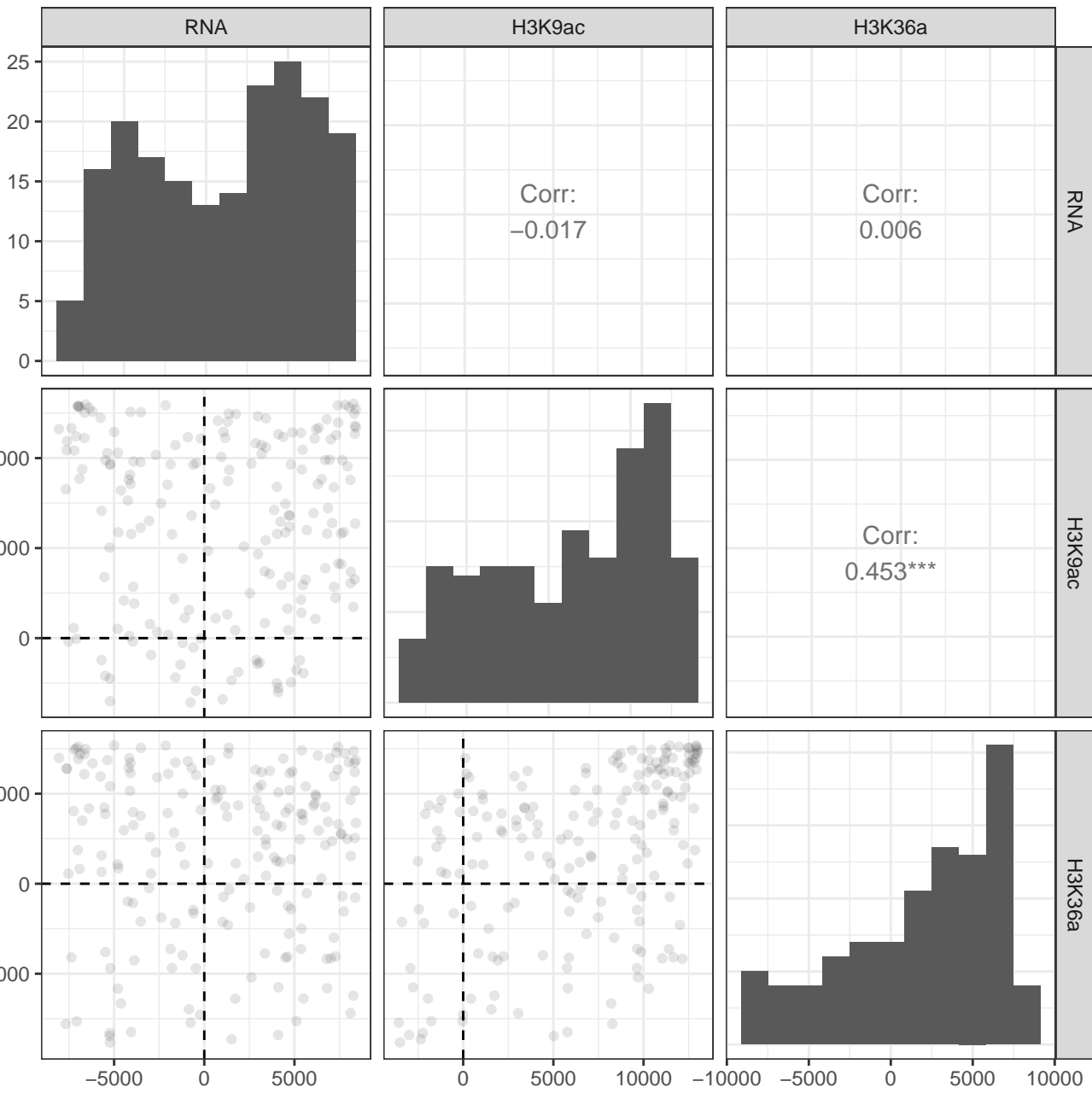
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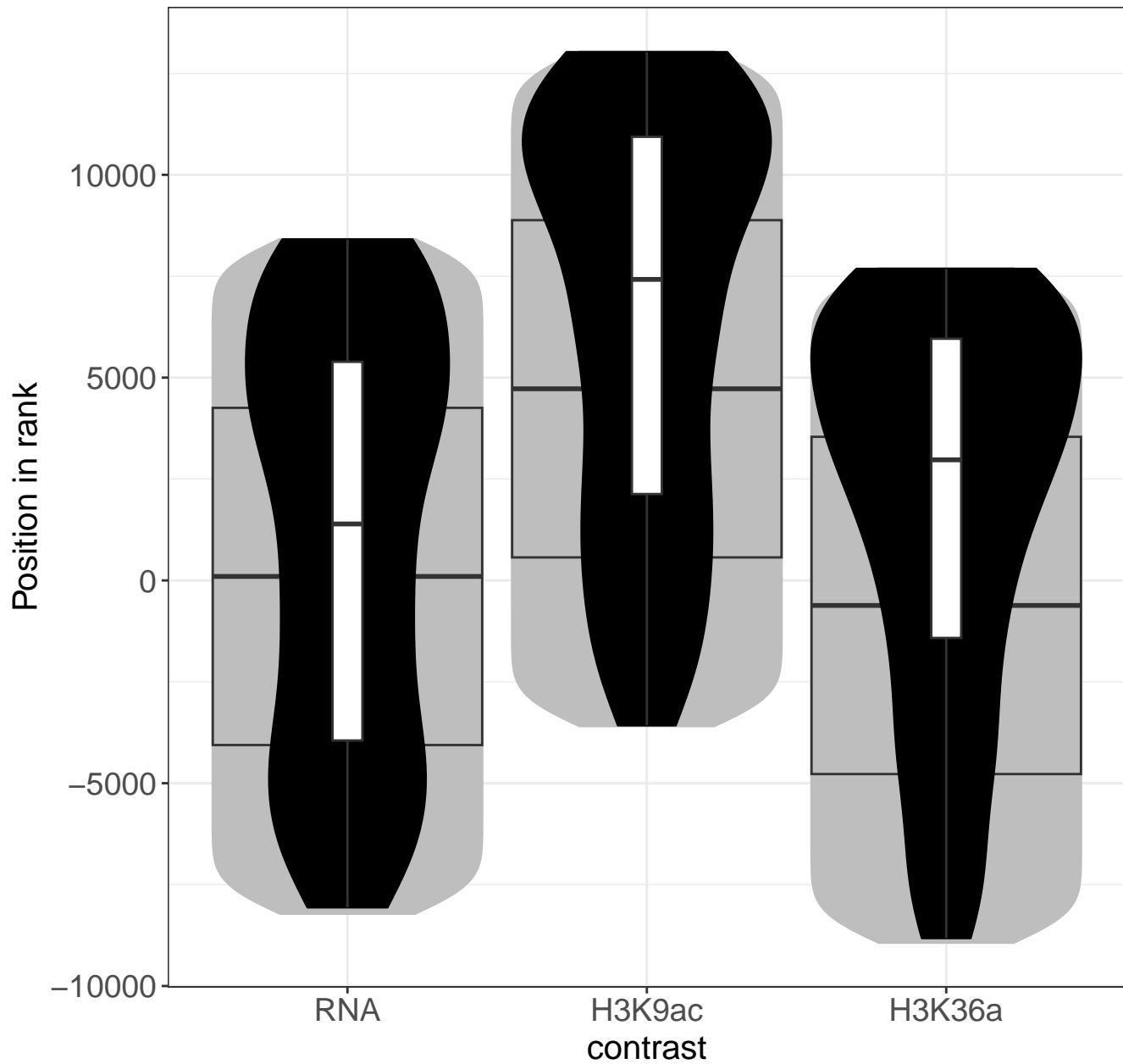
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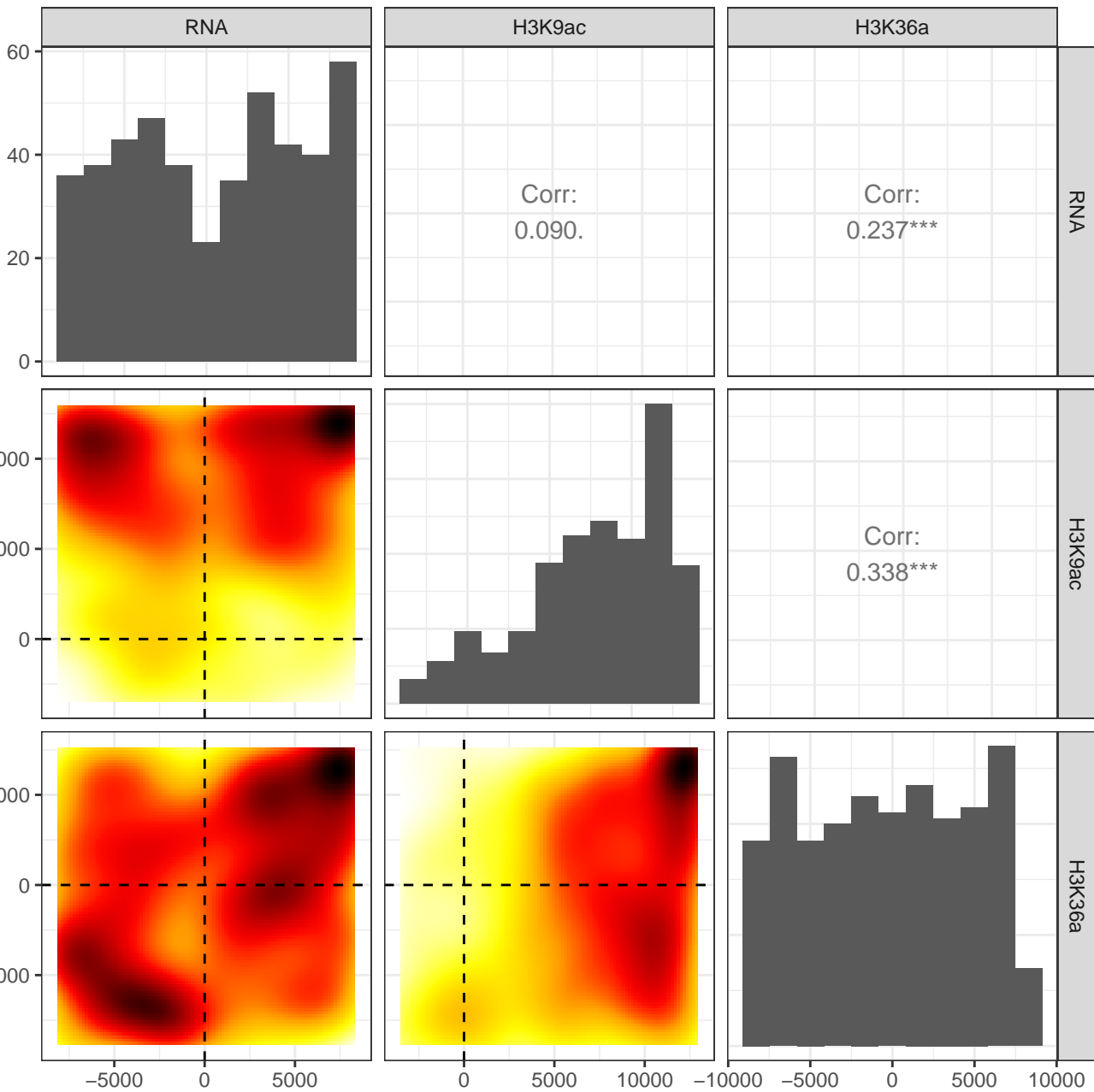
MEF2 03



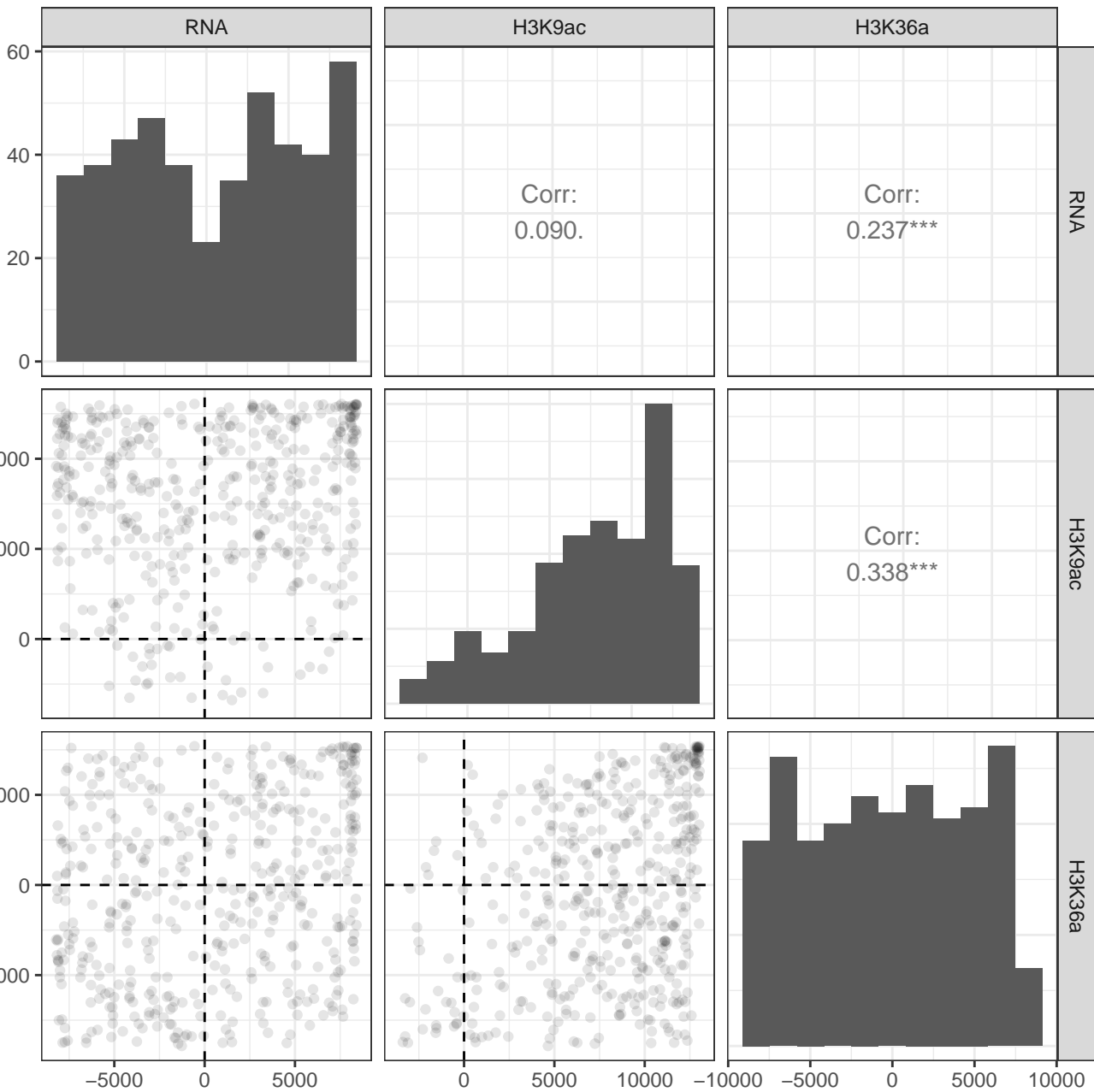
MEF2 03



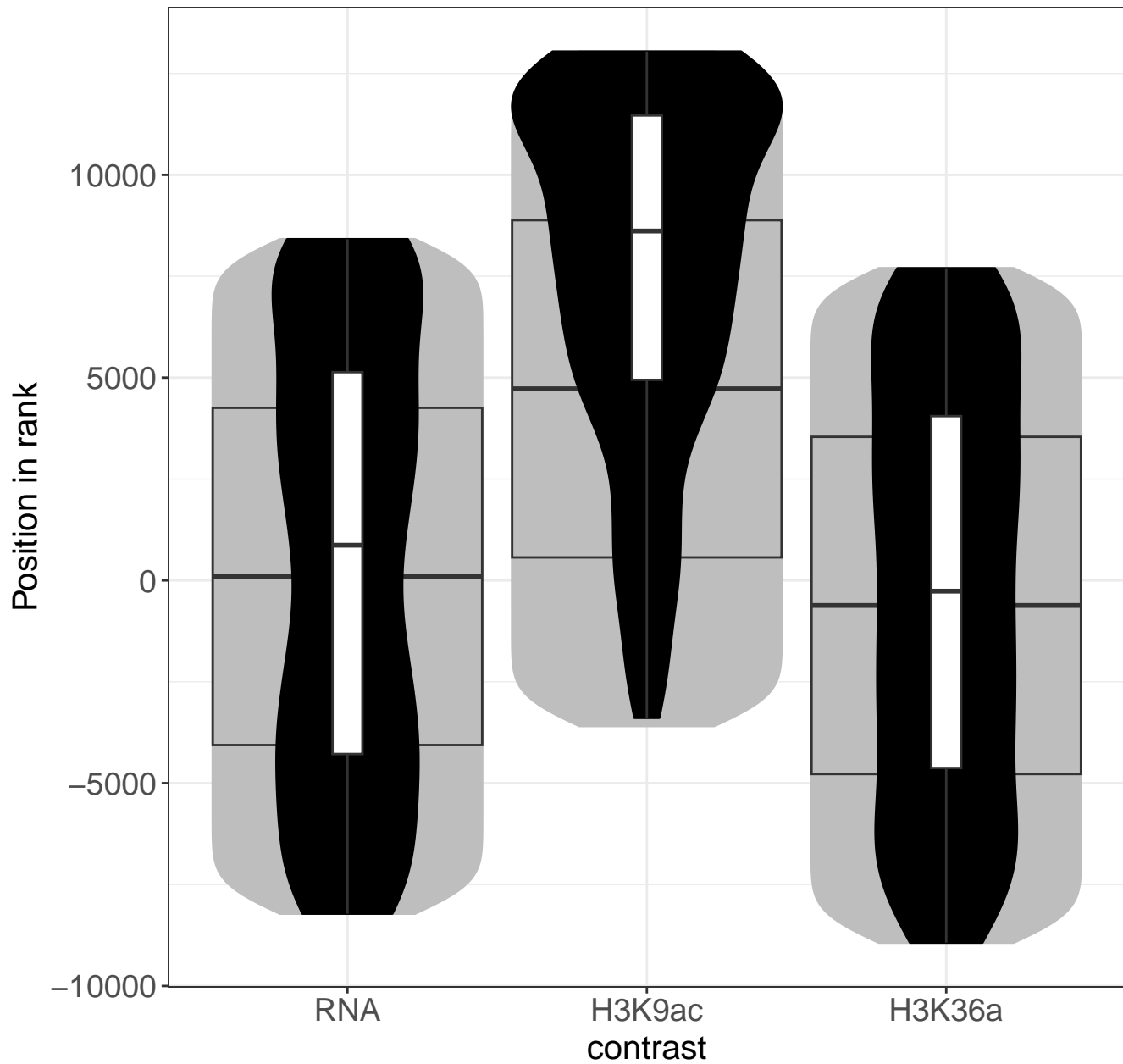
GTF2A2 TARGET GENES



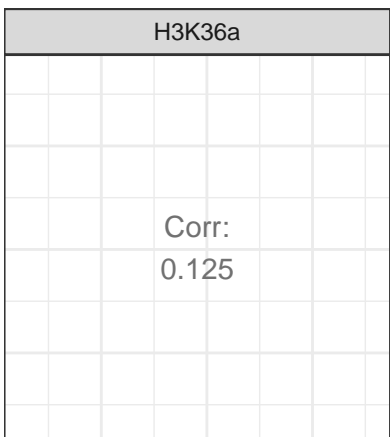
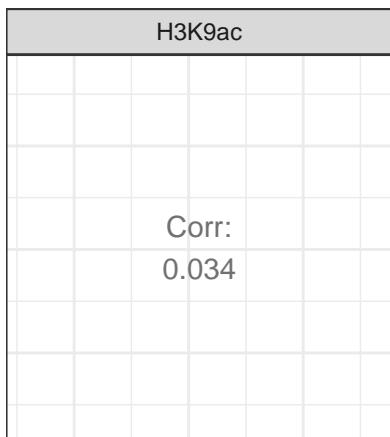
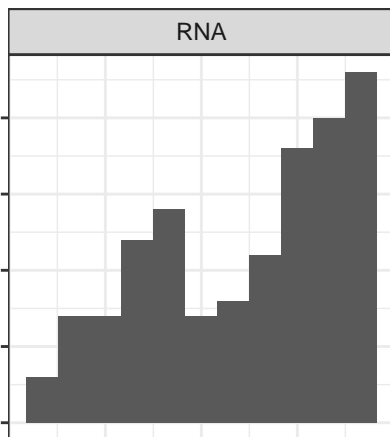
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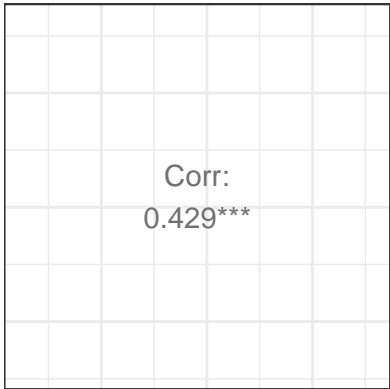
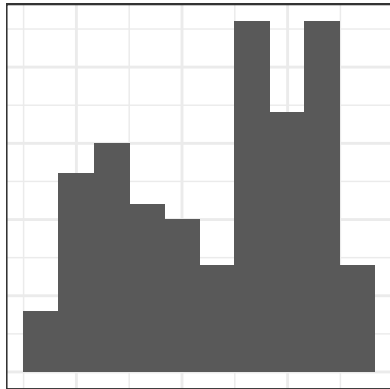
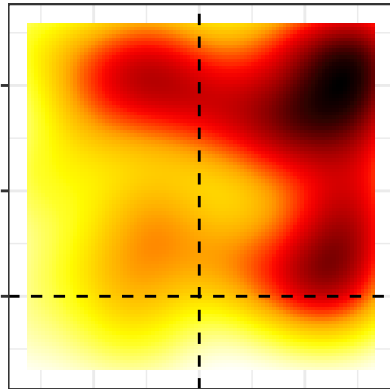
GTF2A2 TARGET GENES



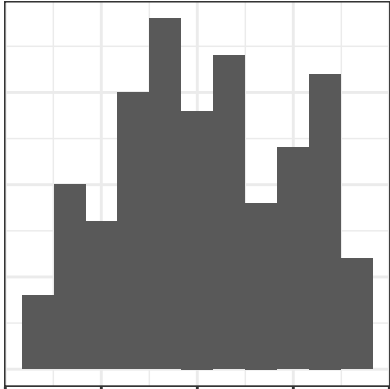
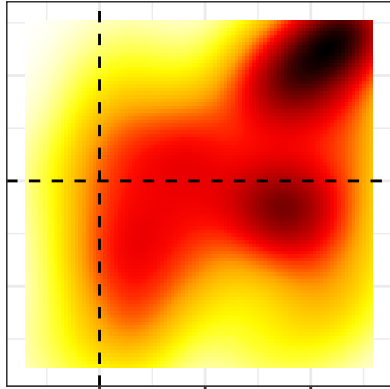
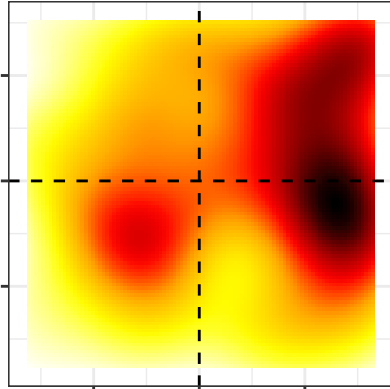
CGTSACG PAX3 B



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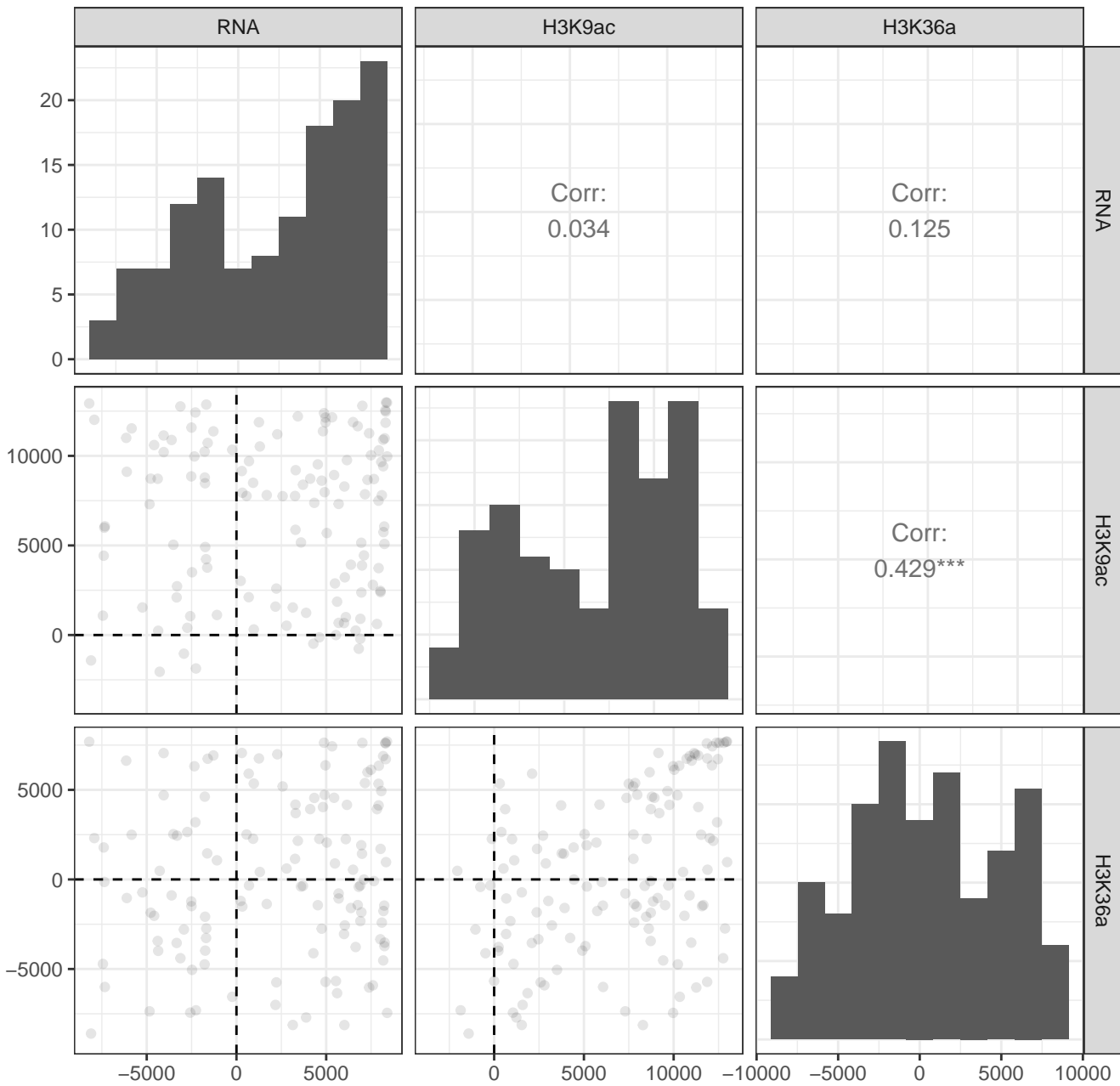


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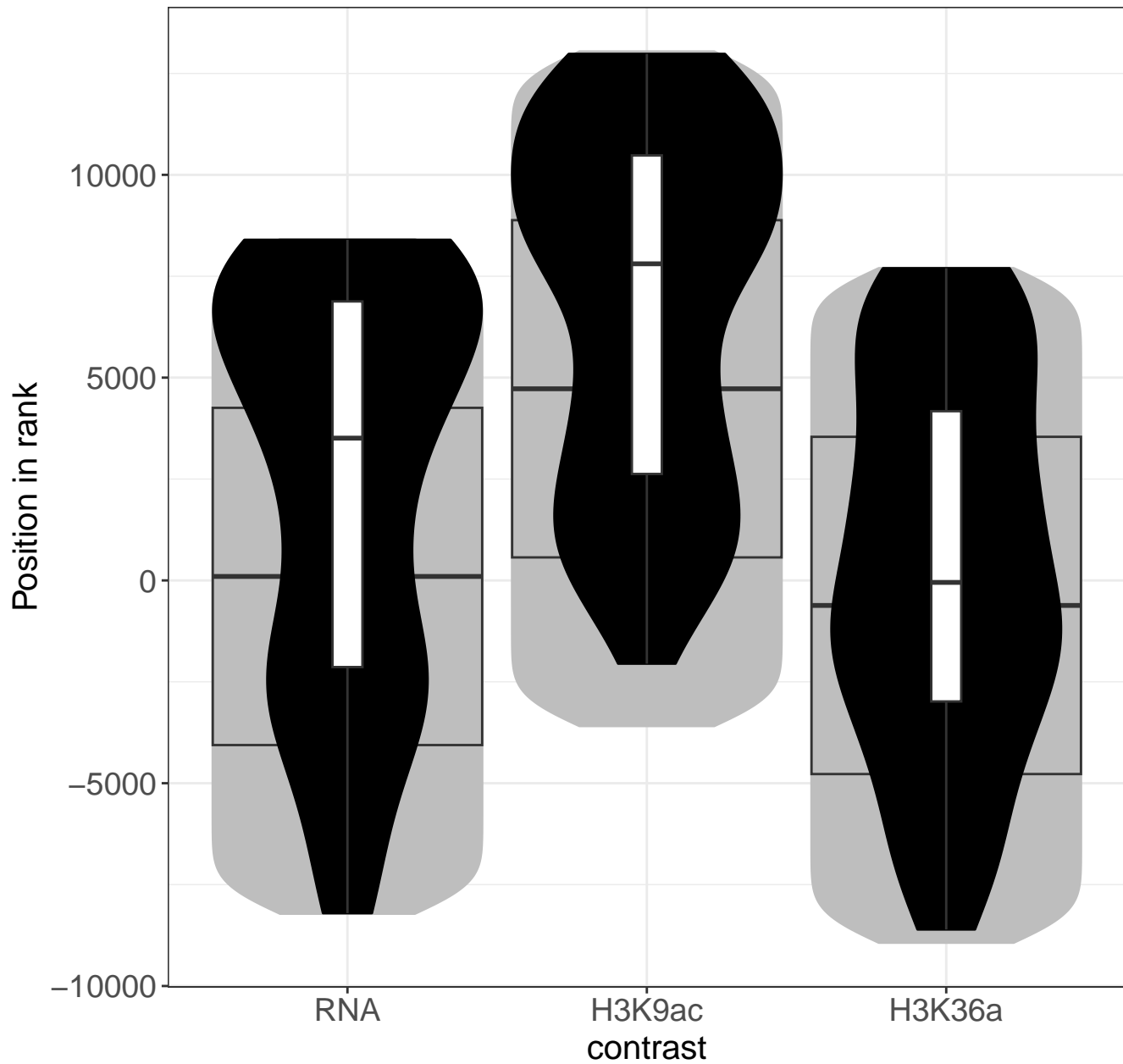


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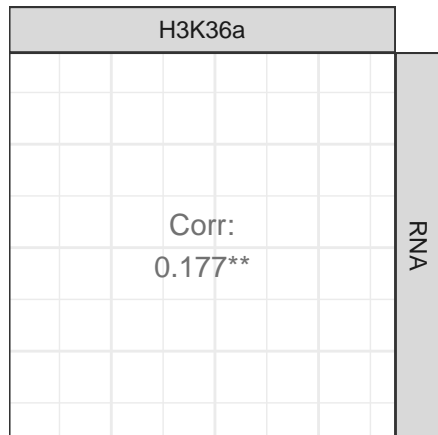
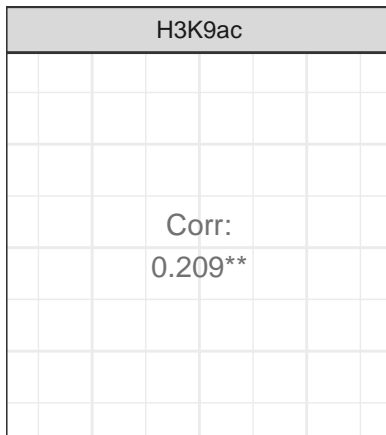
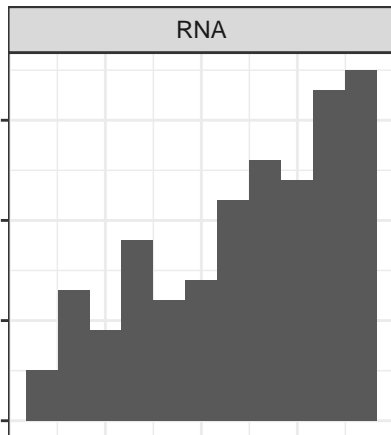
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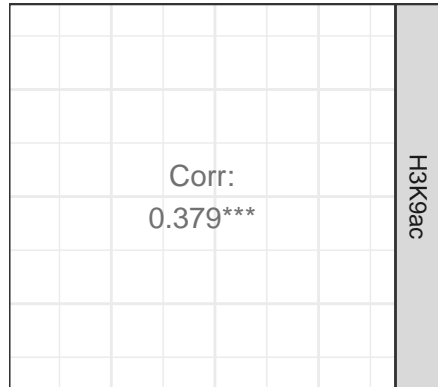
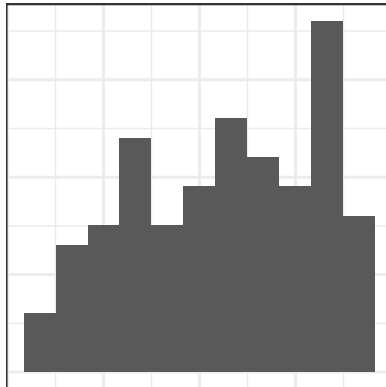
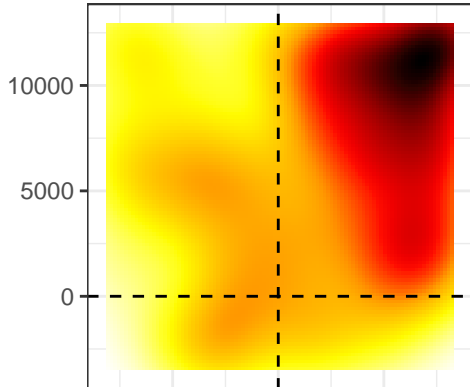
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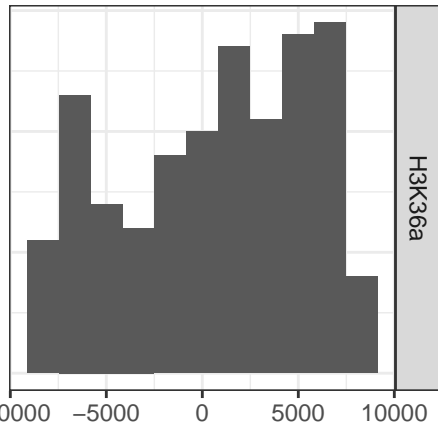
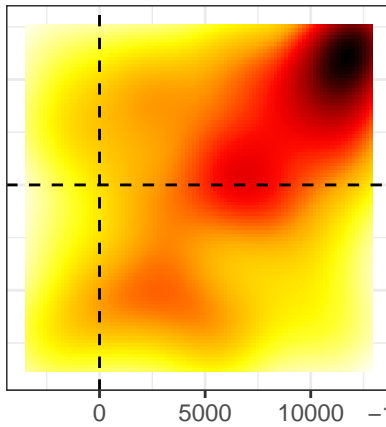
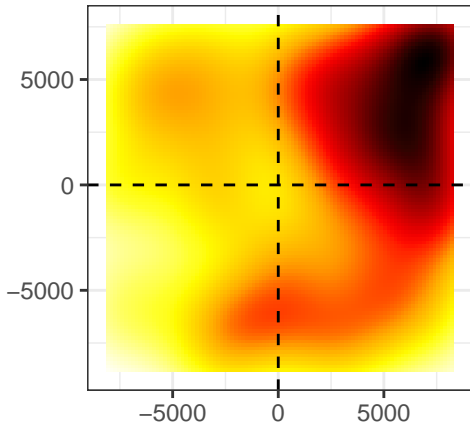
WHN B



RNA

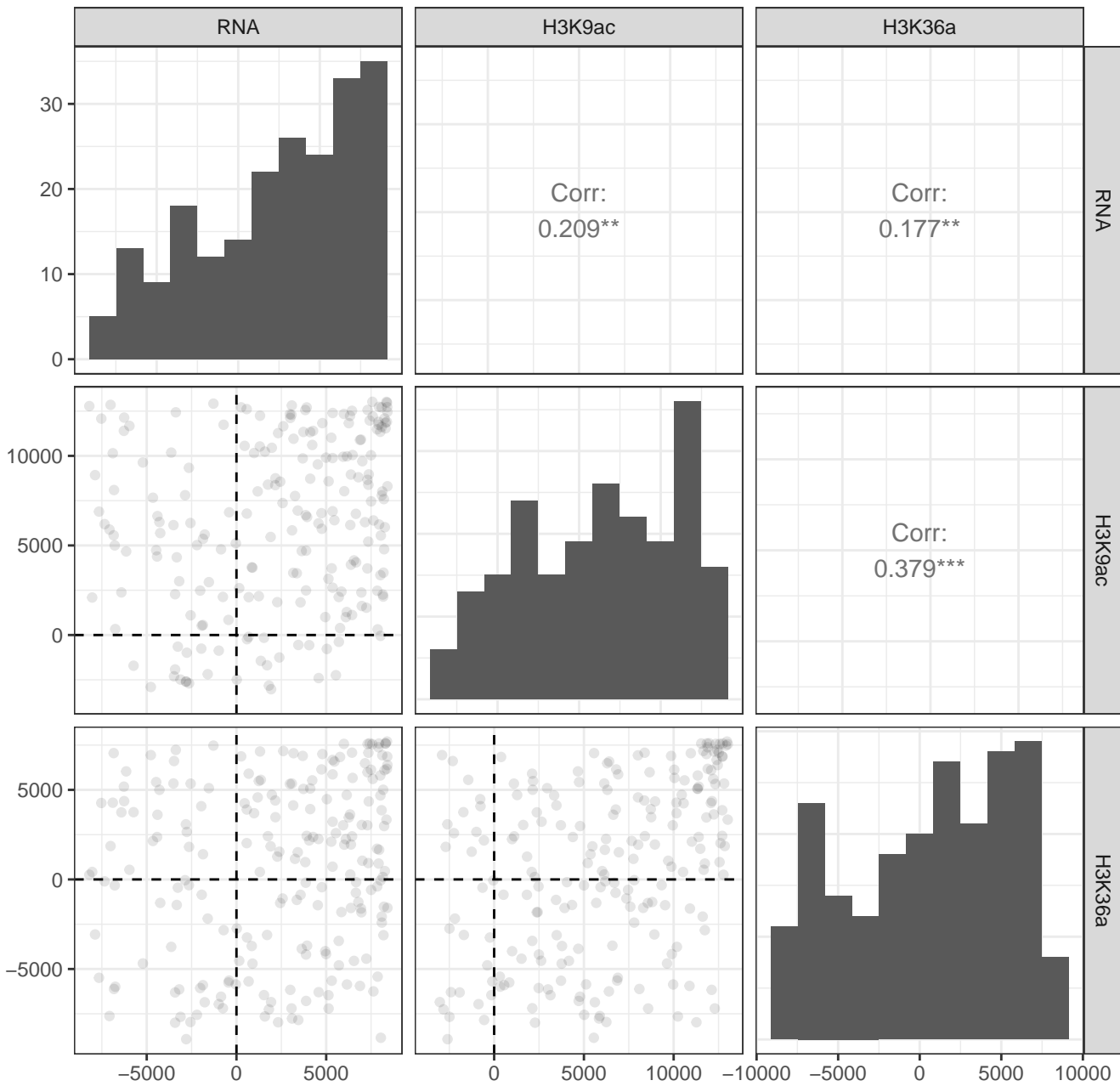


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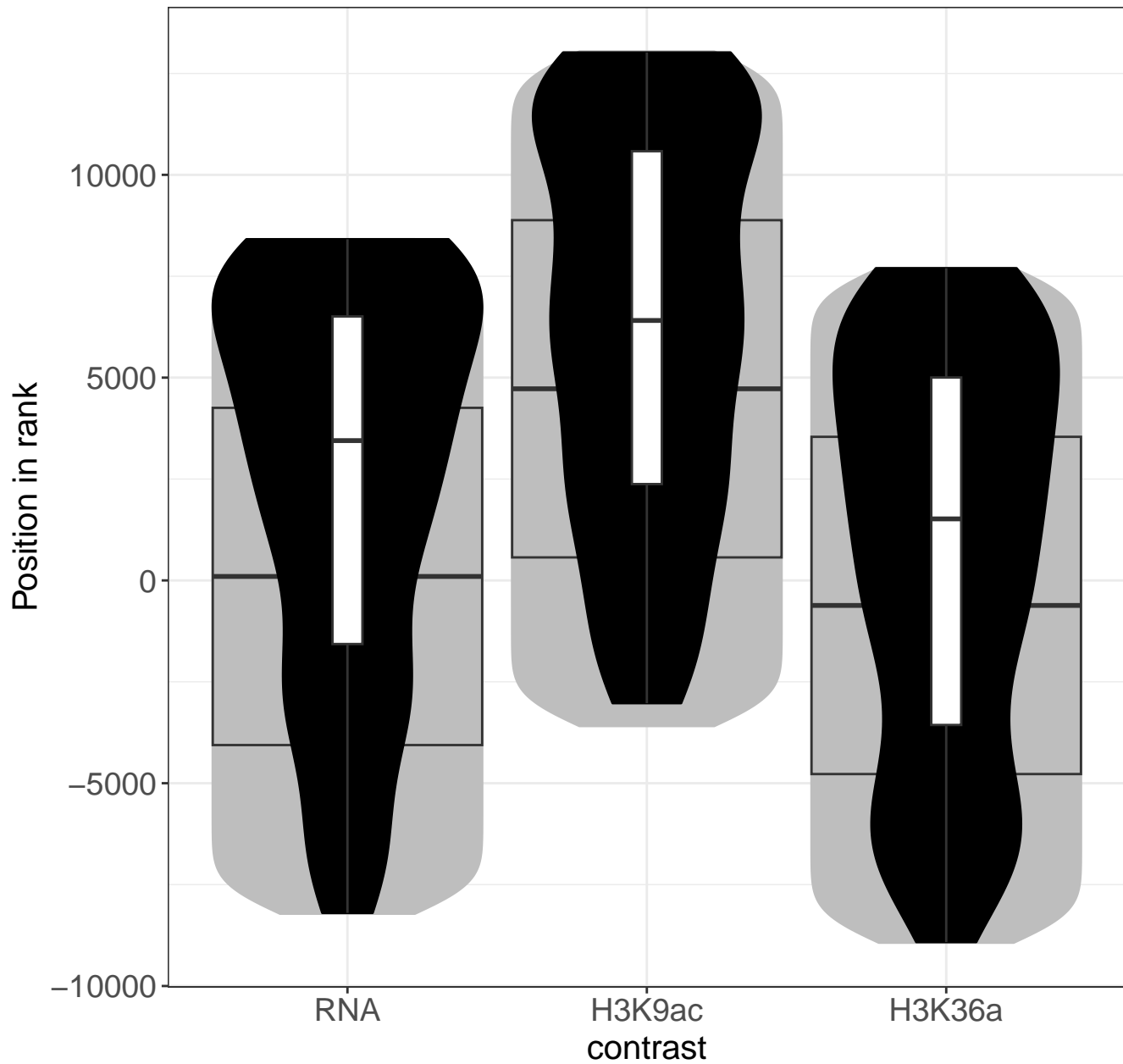


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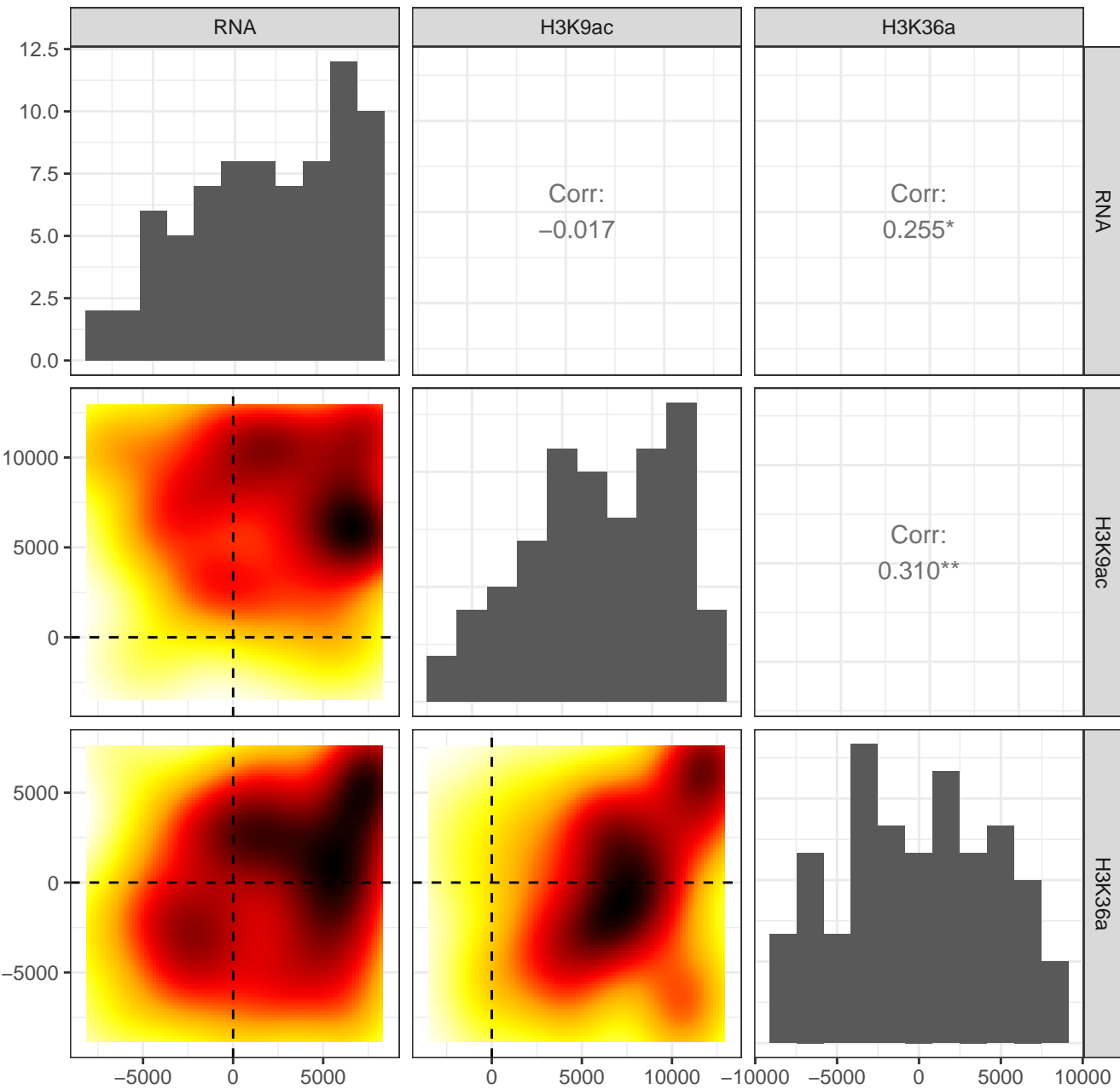
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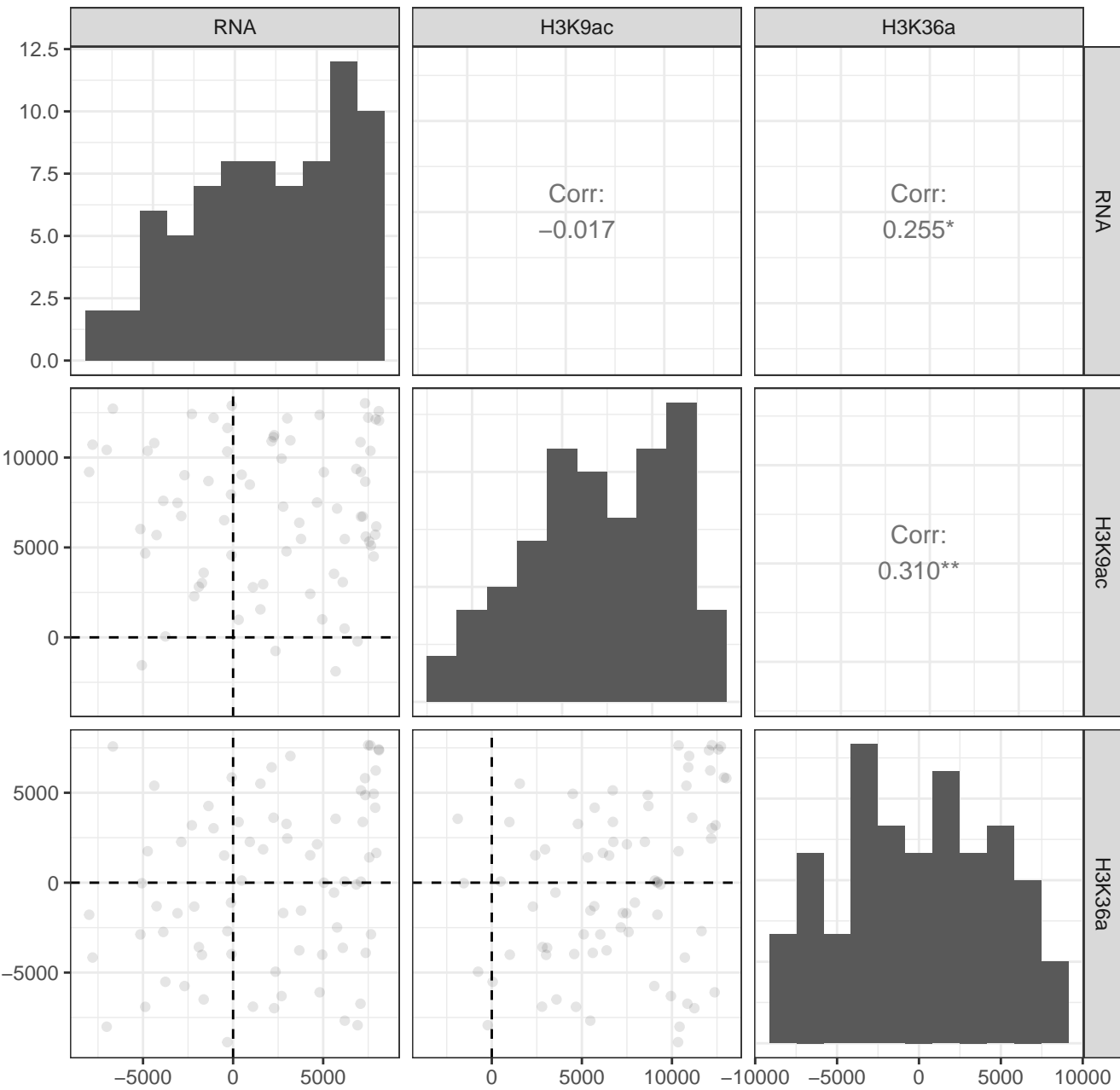
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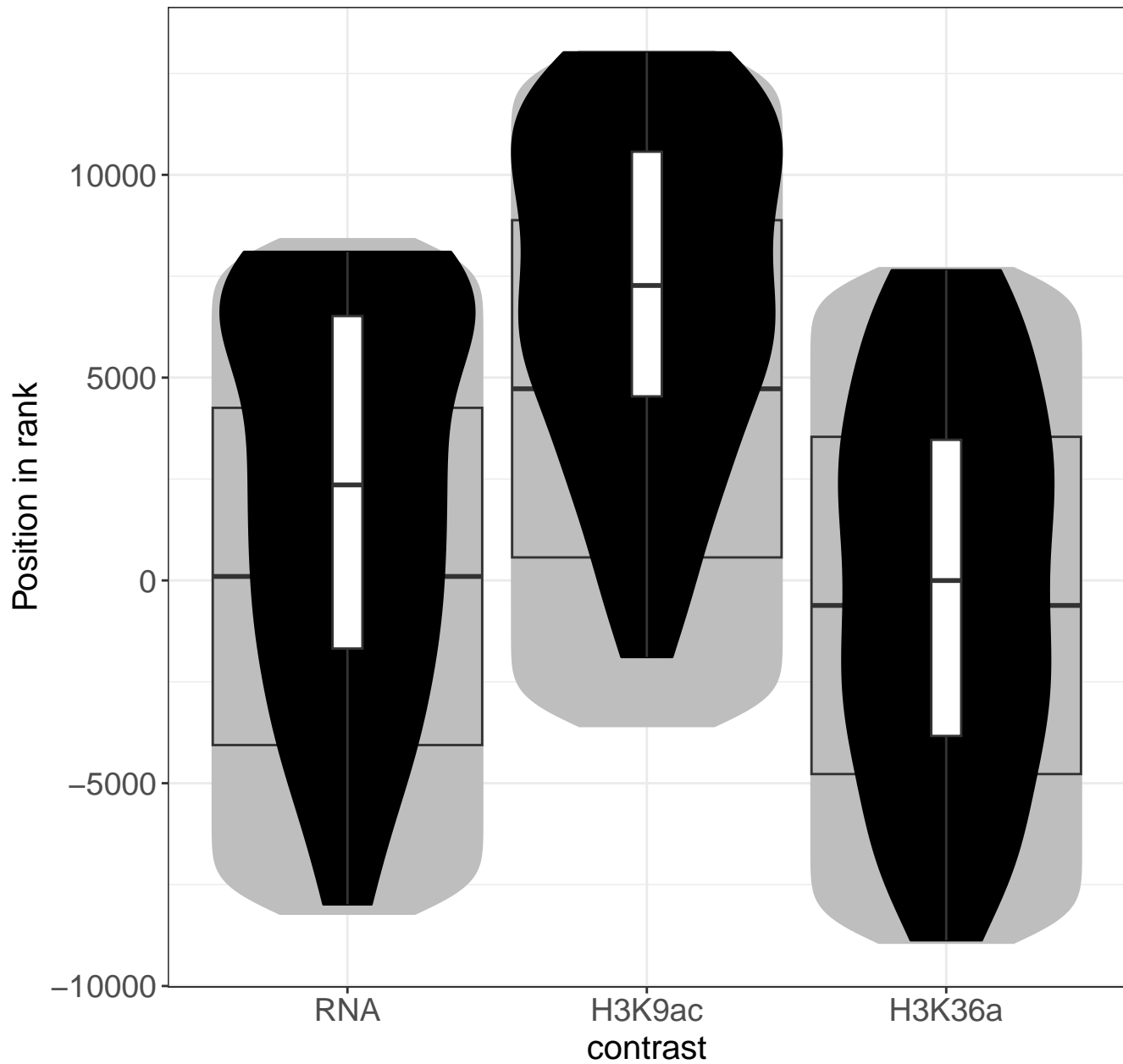
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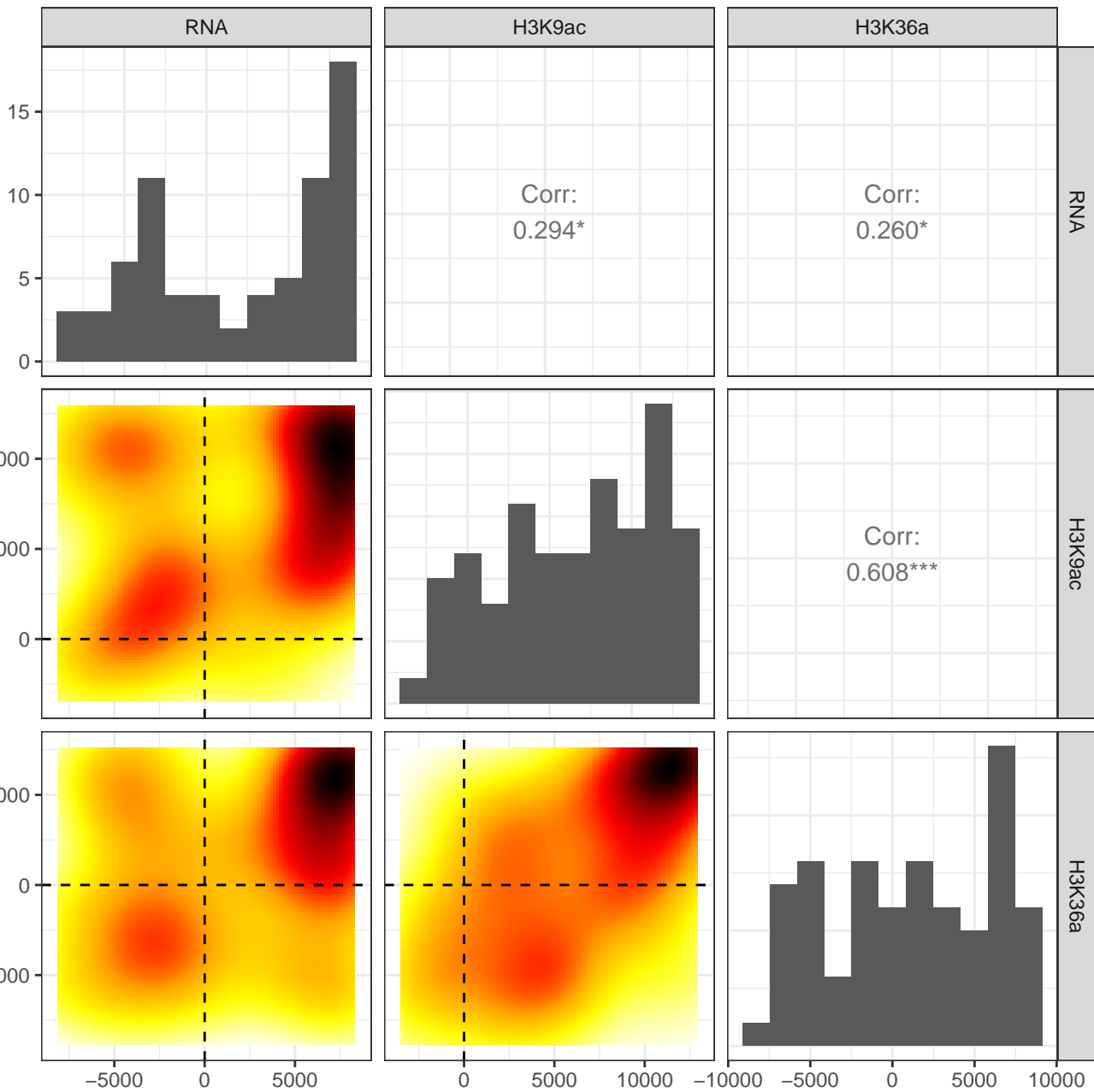
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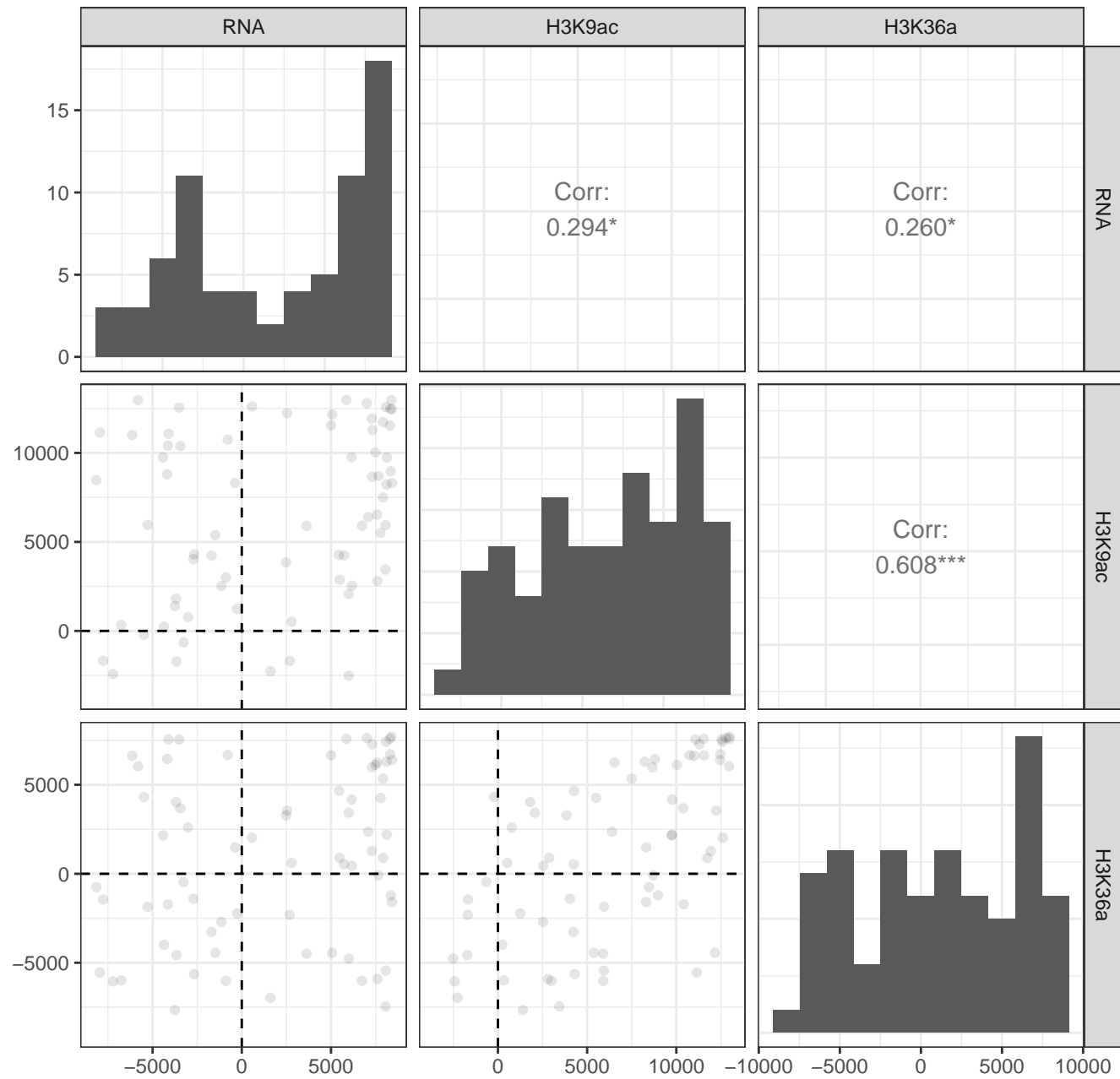
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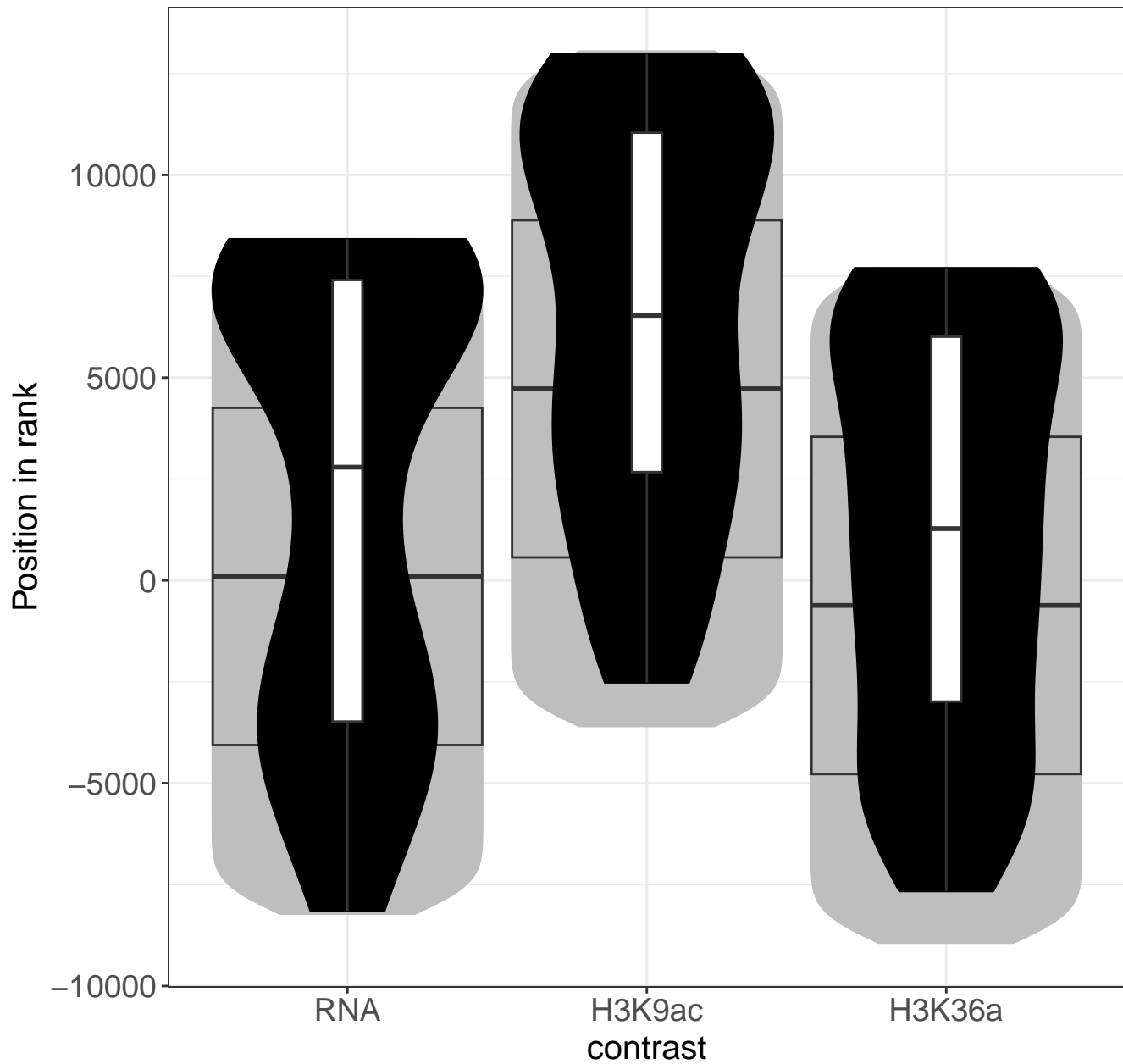
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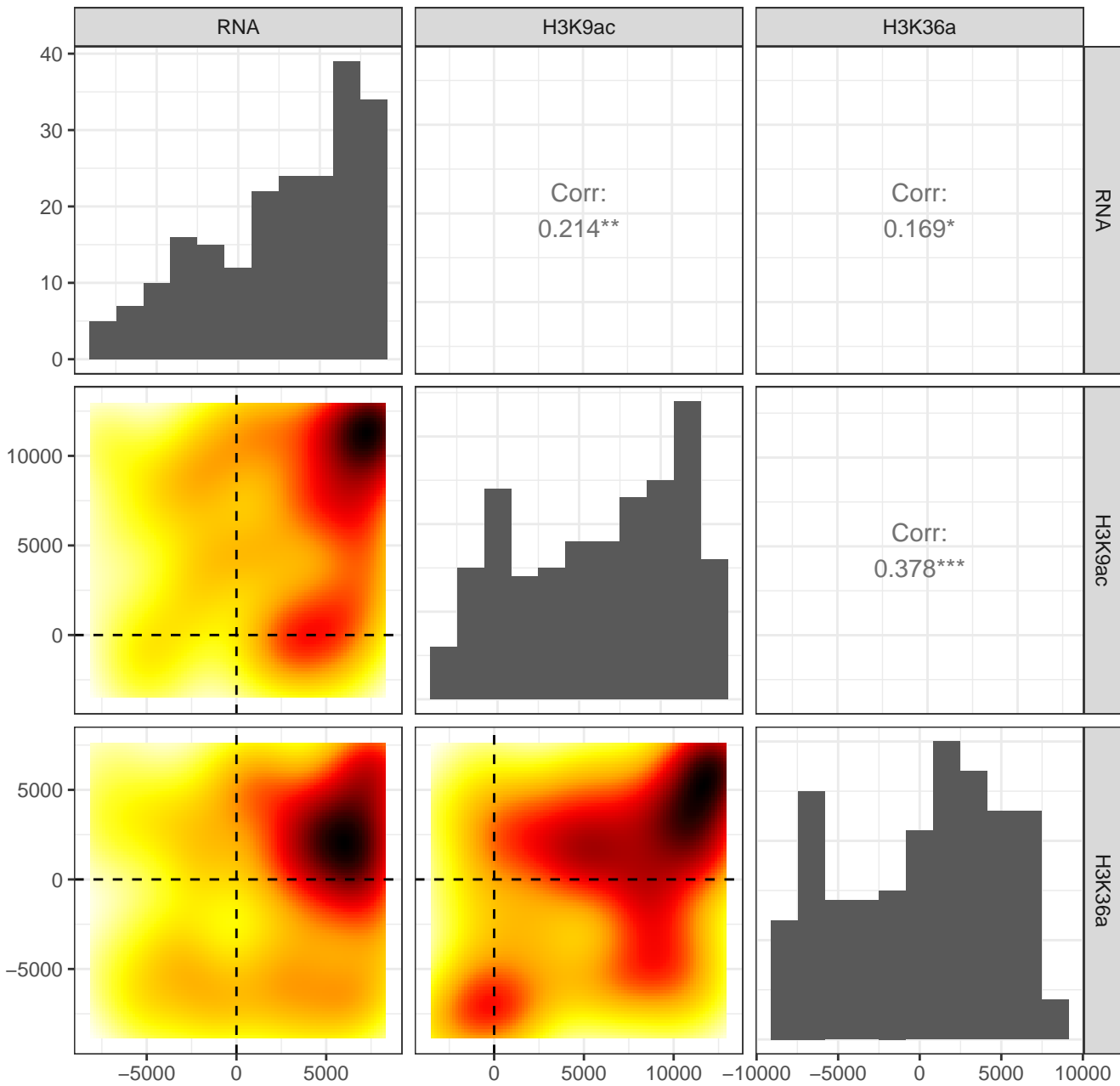
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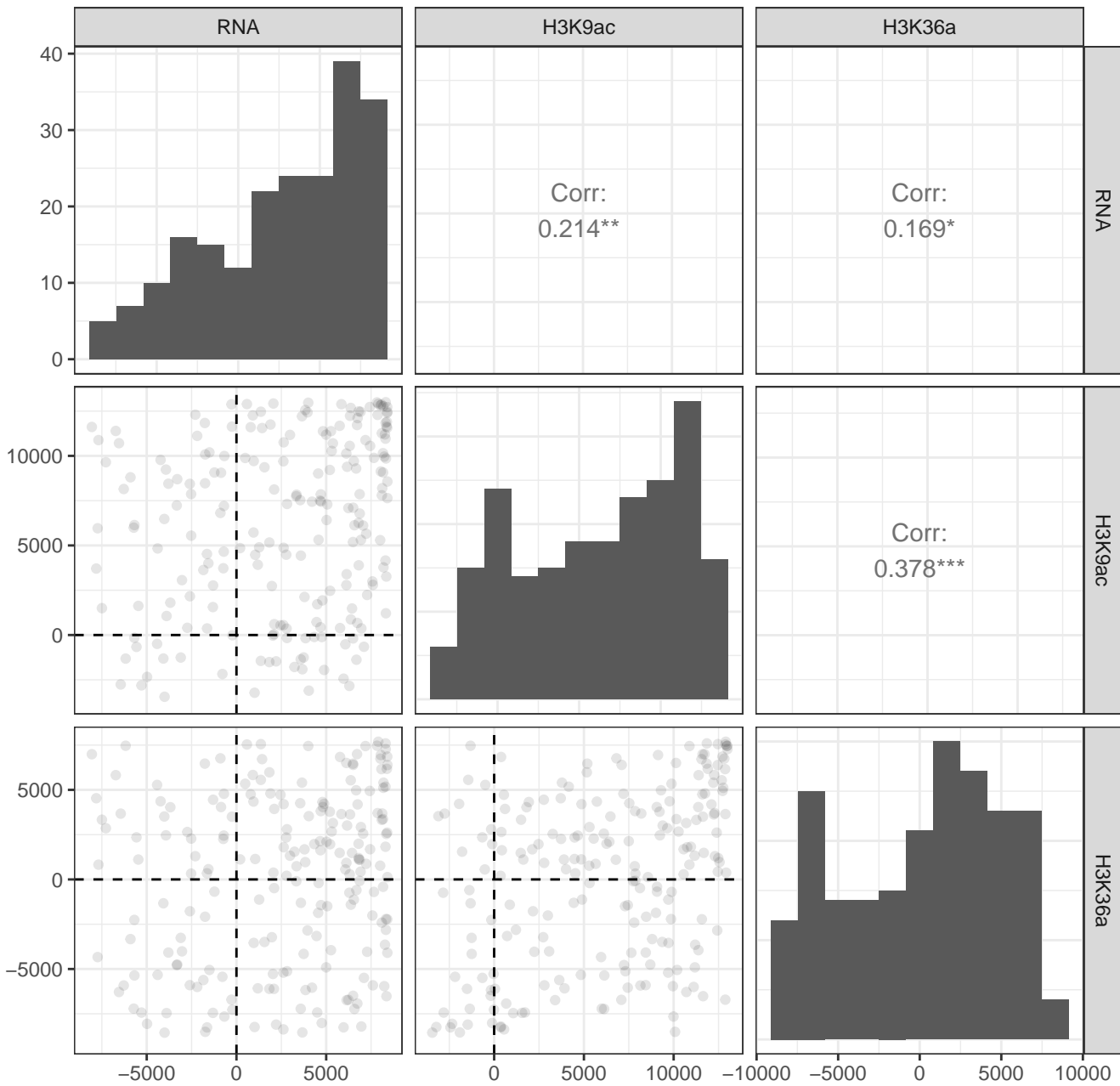
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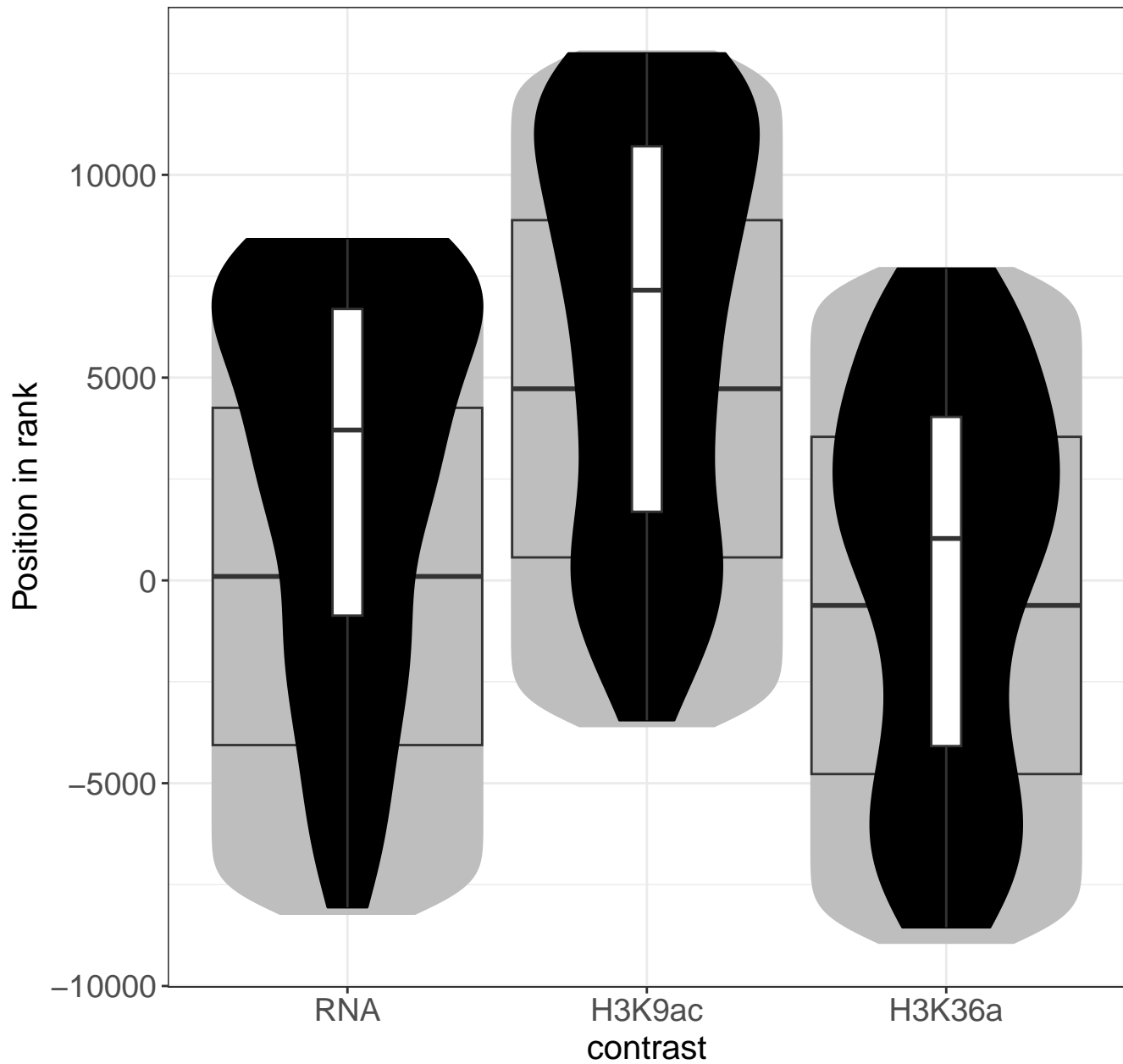
HSF1 01



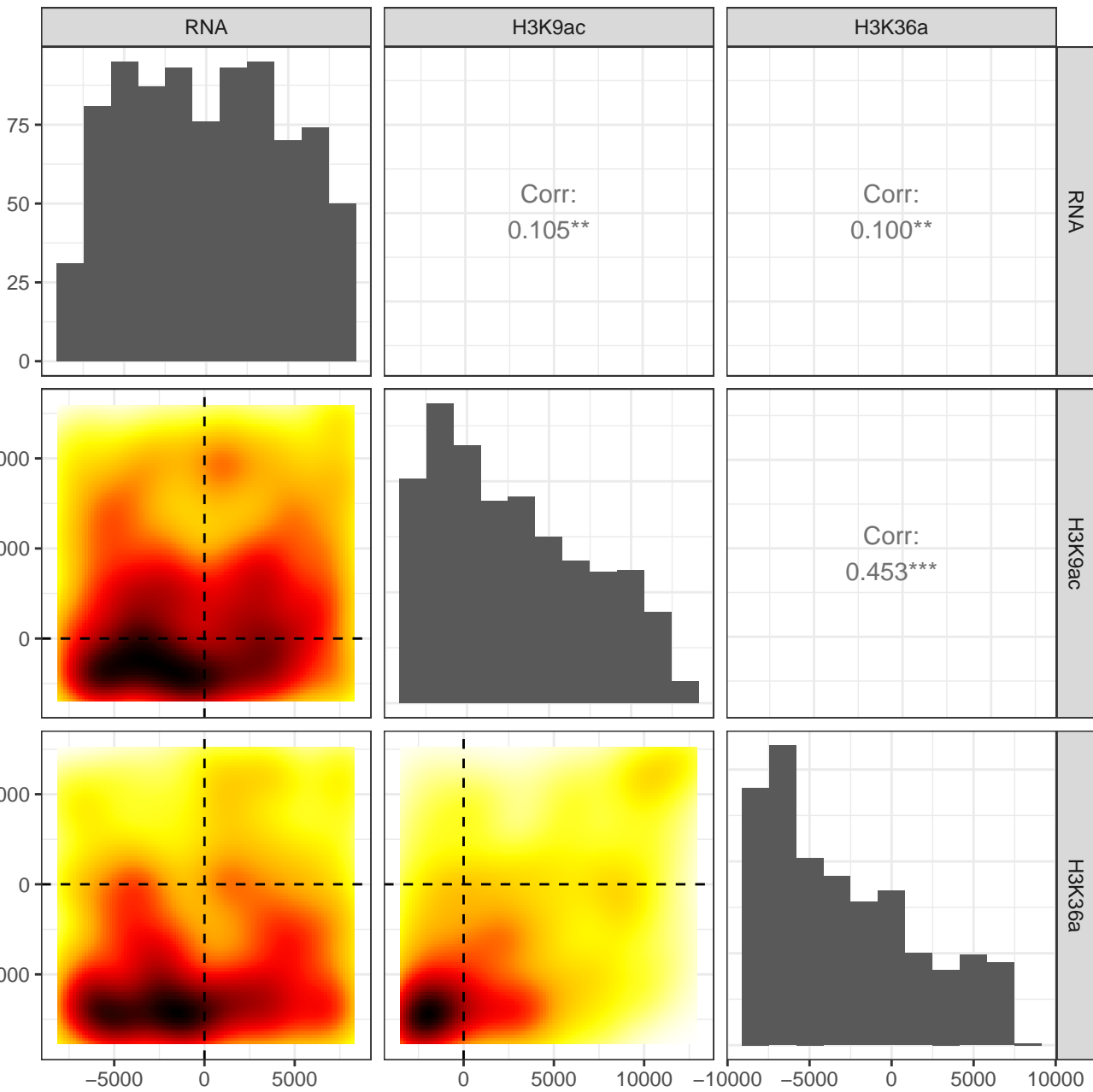
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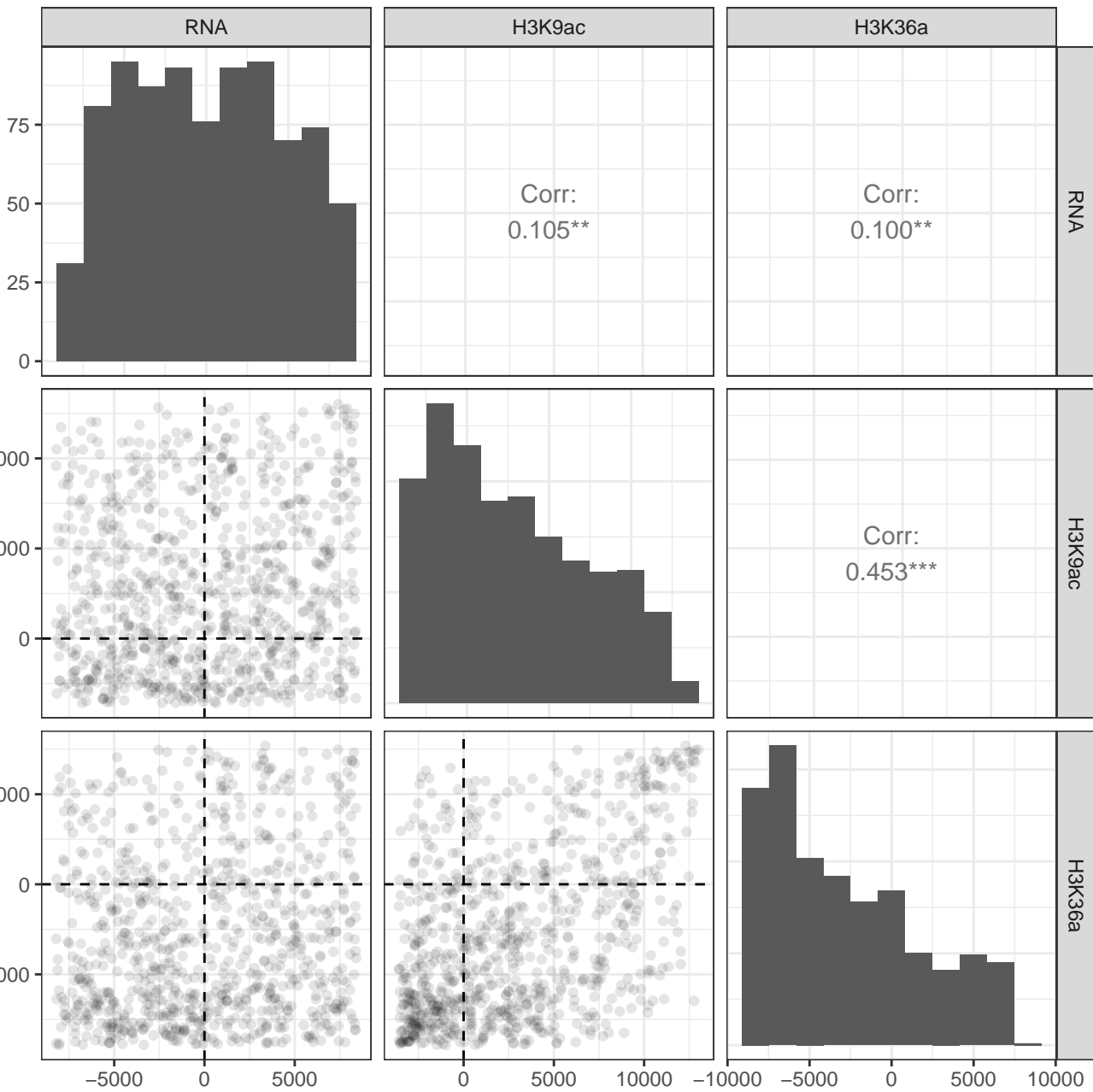
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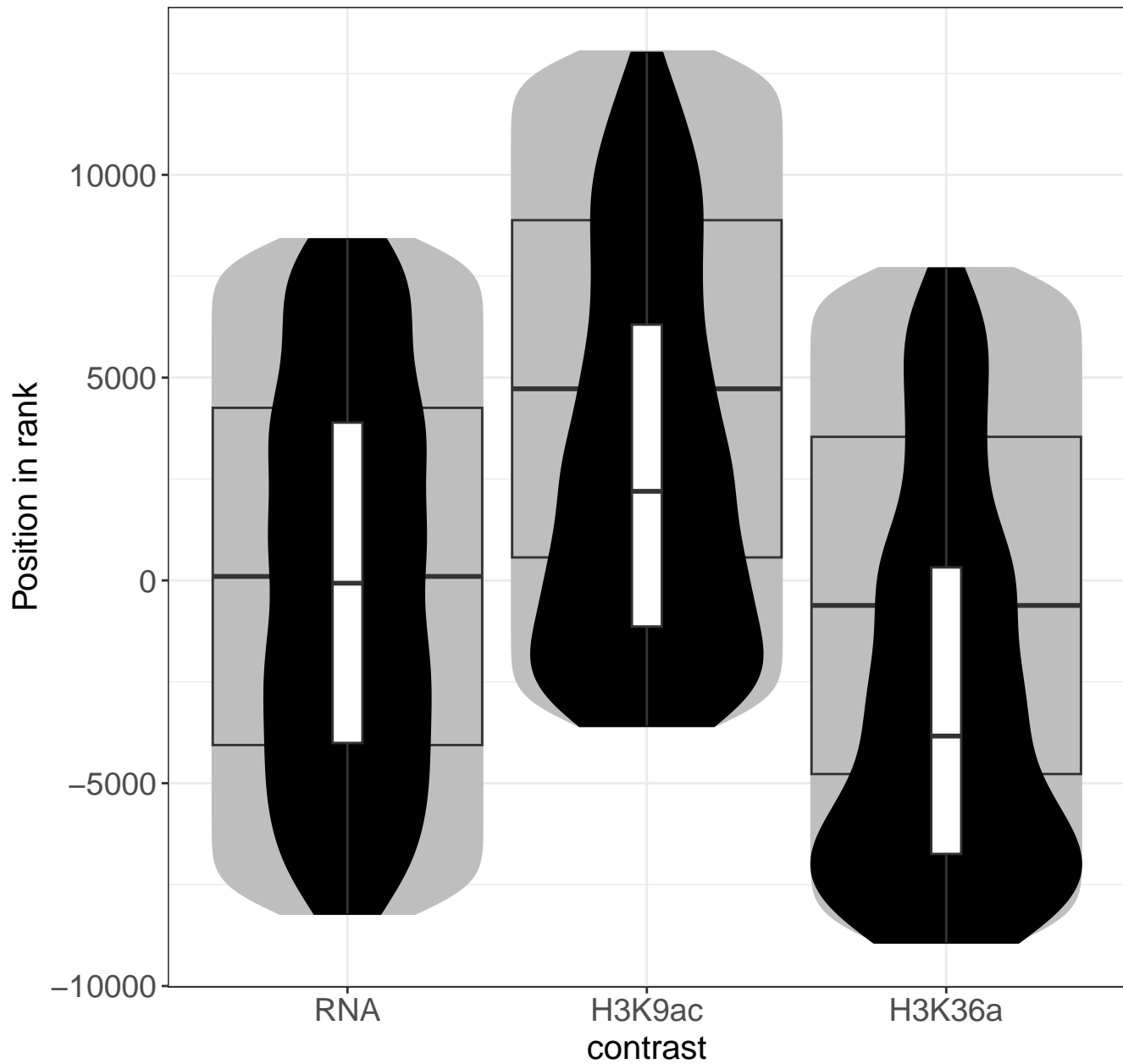
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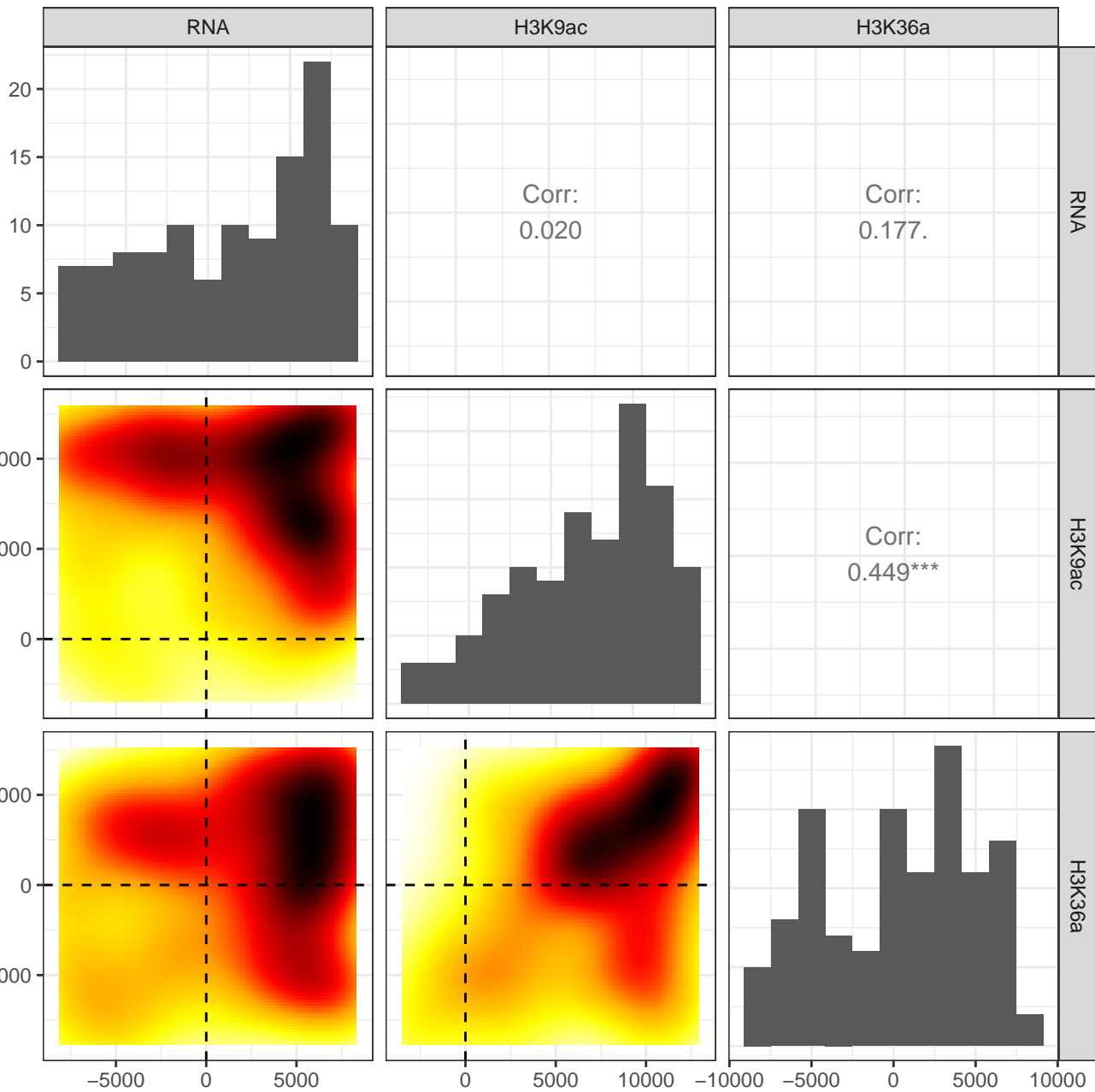
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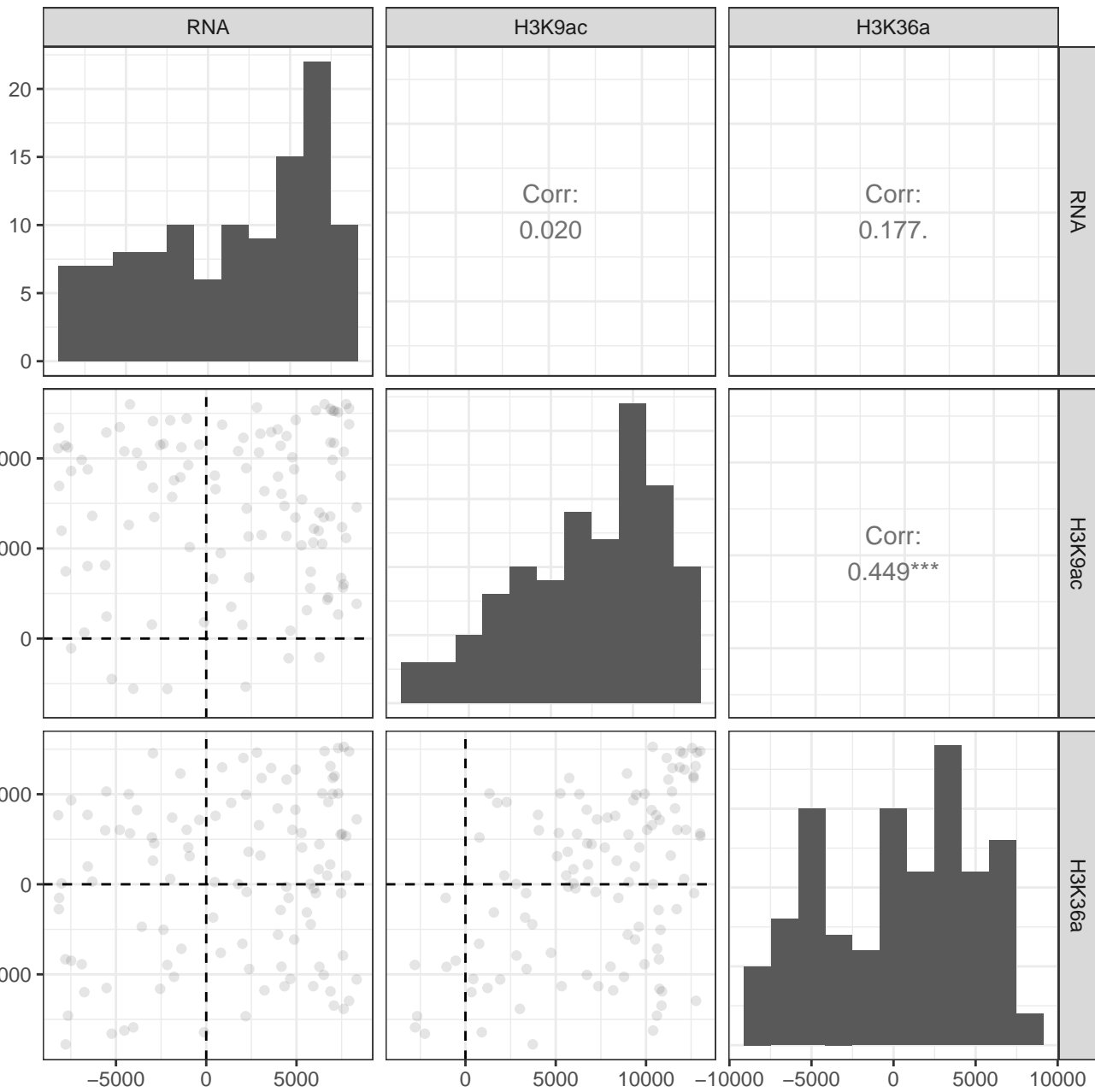
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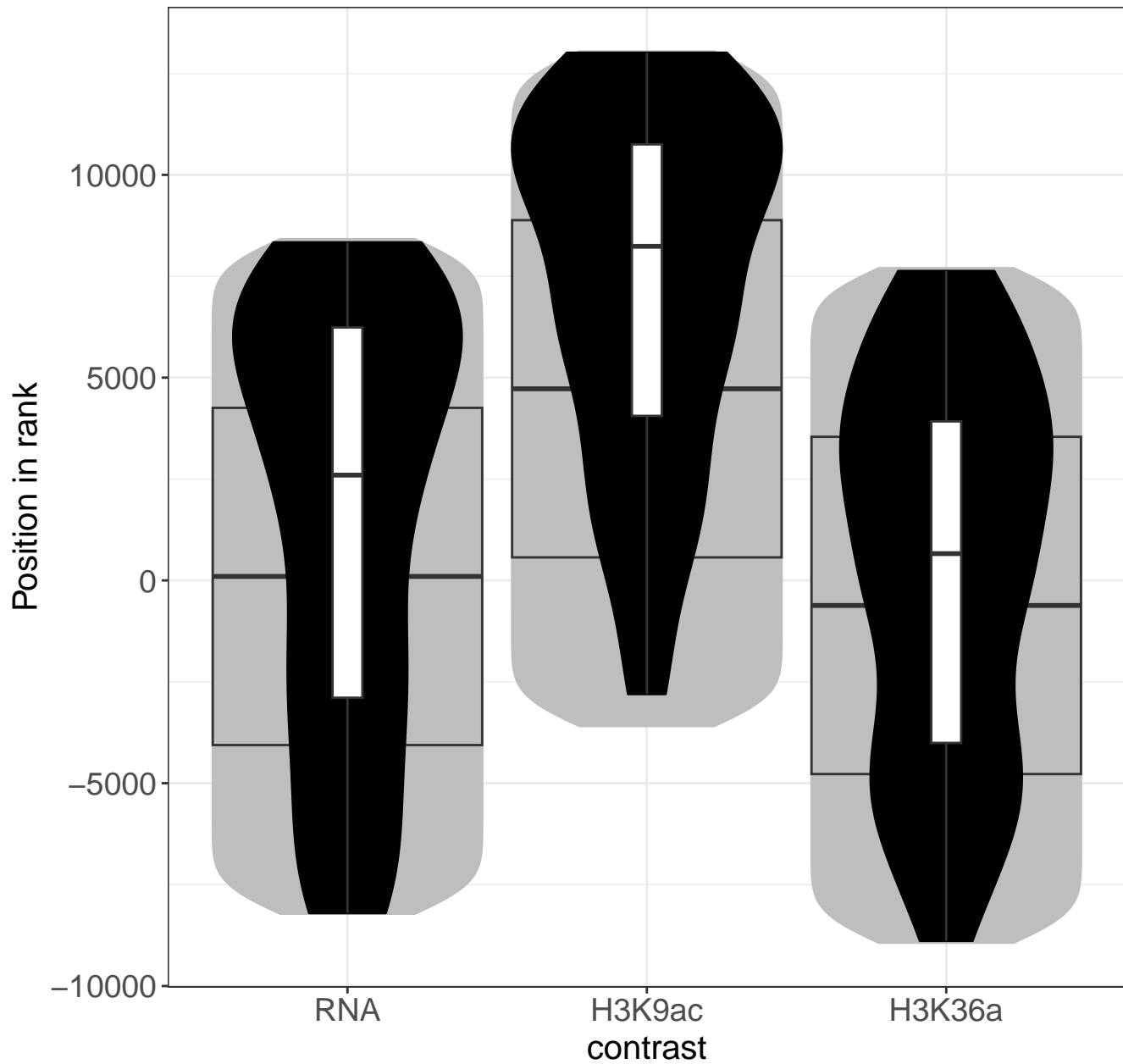
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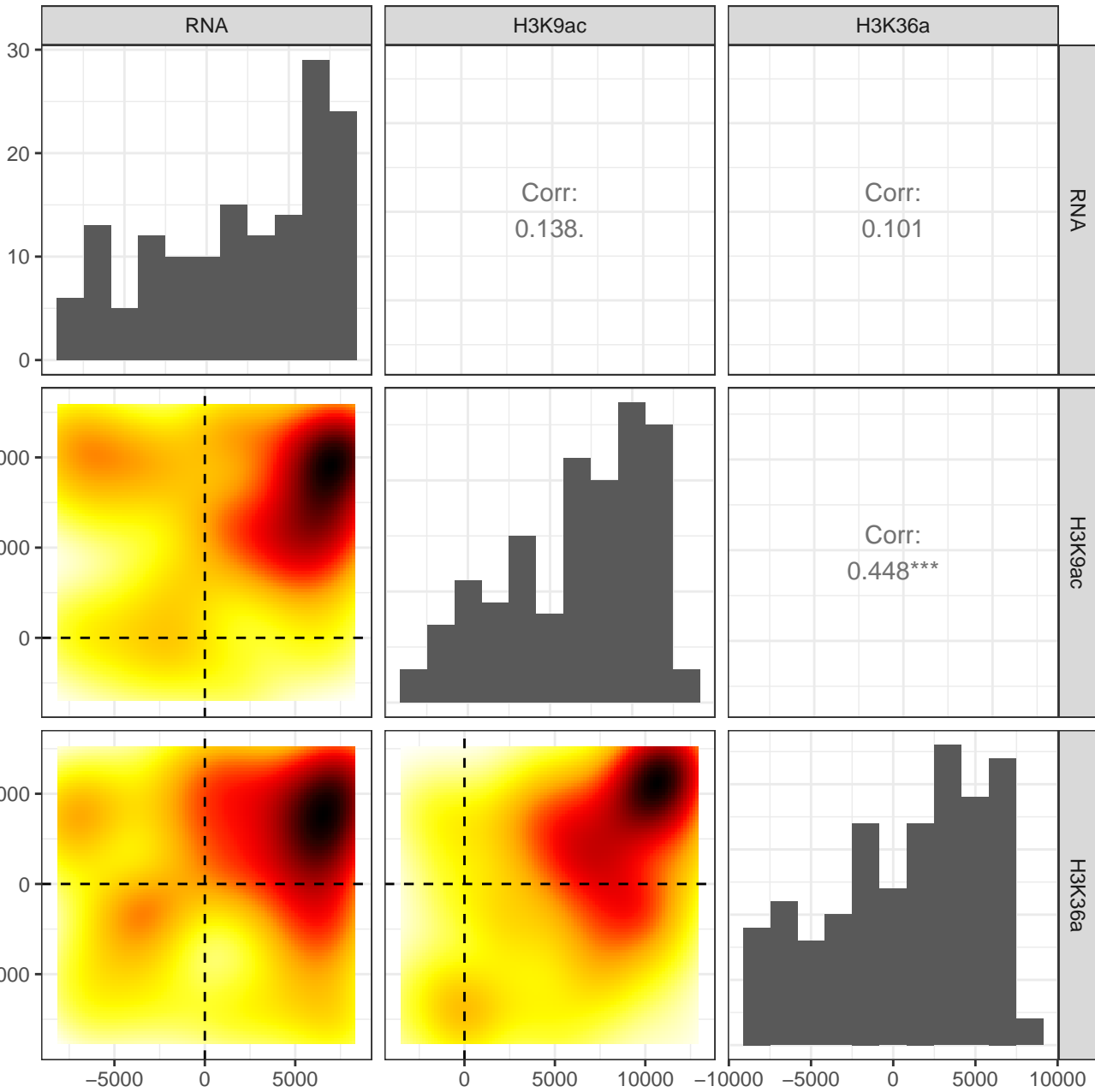
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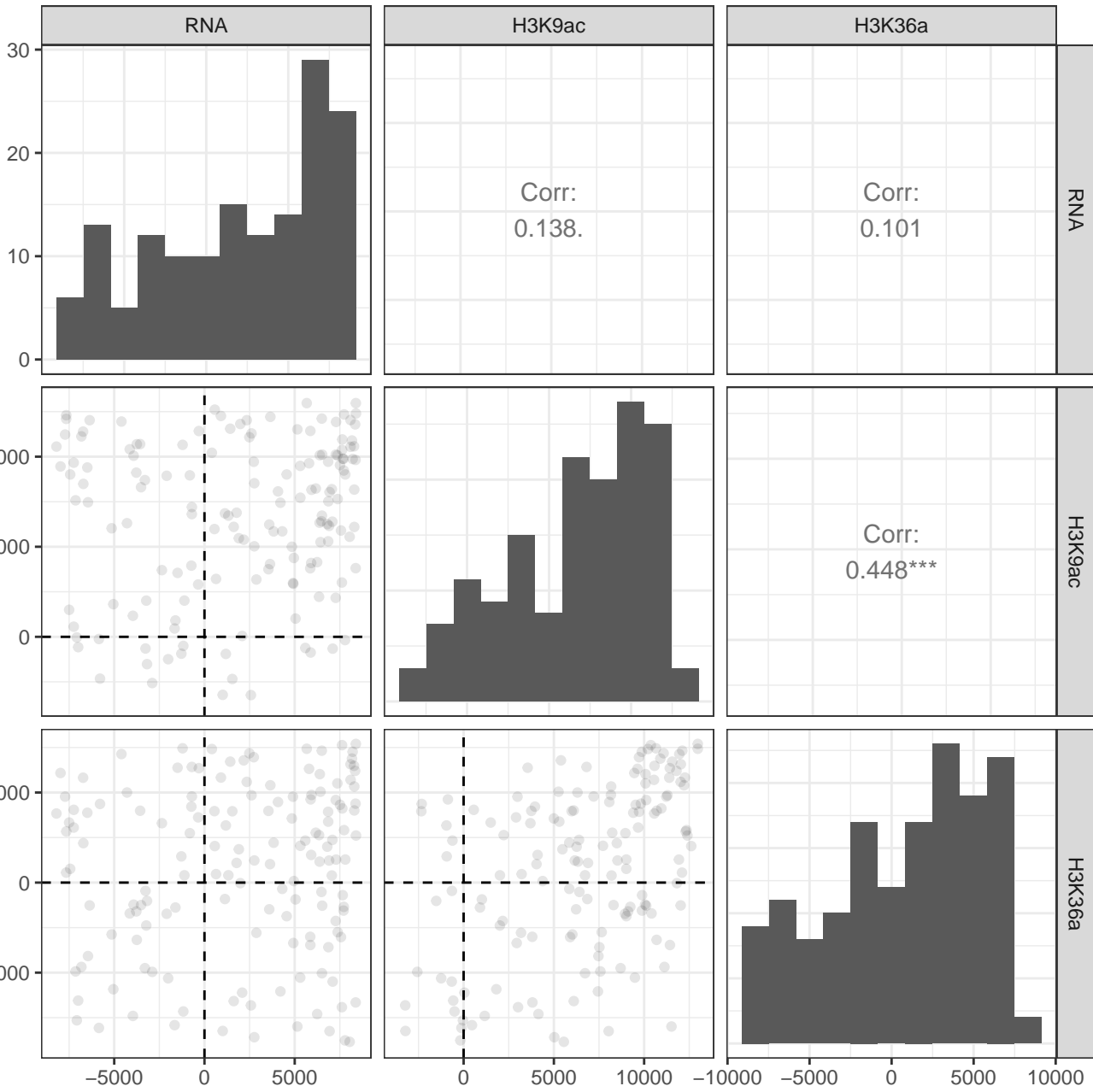
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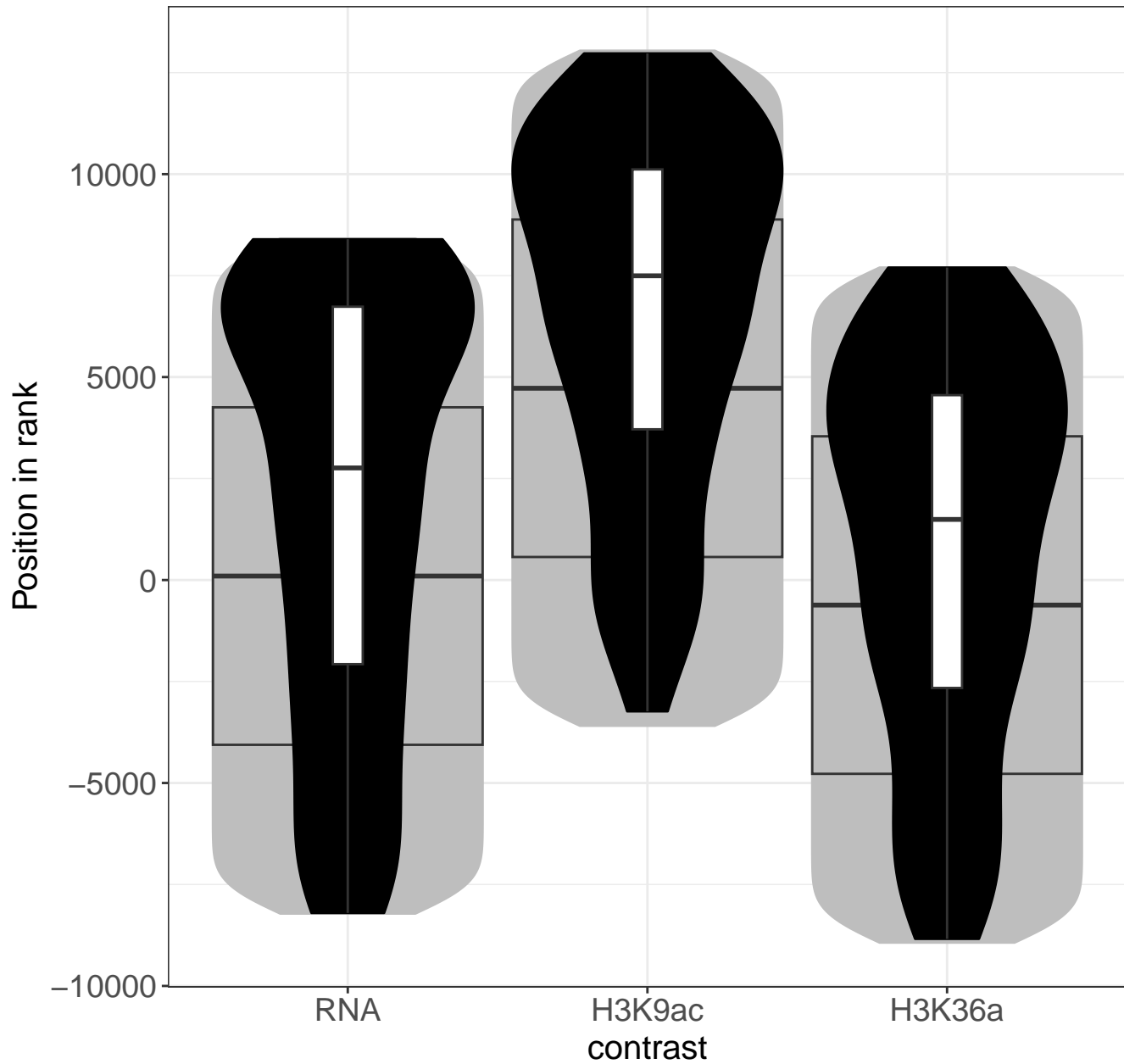
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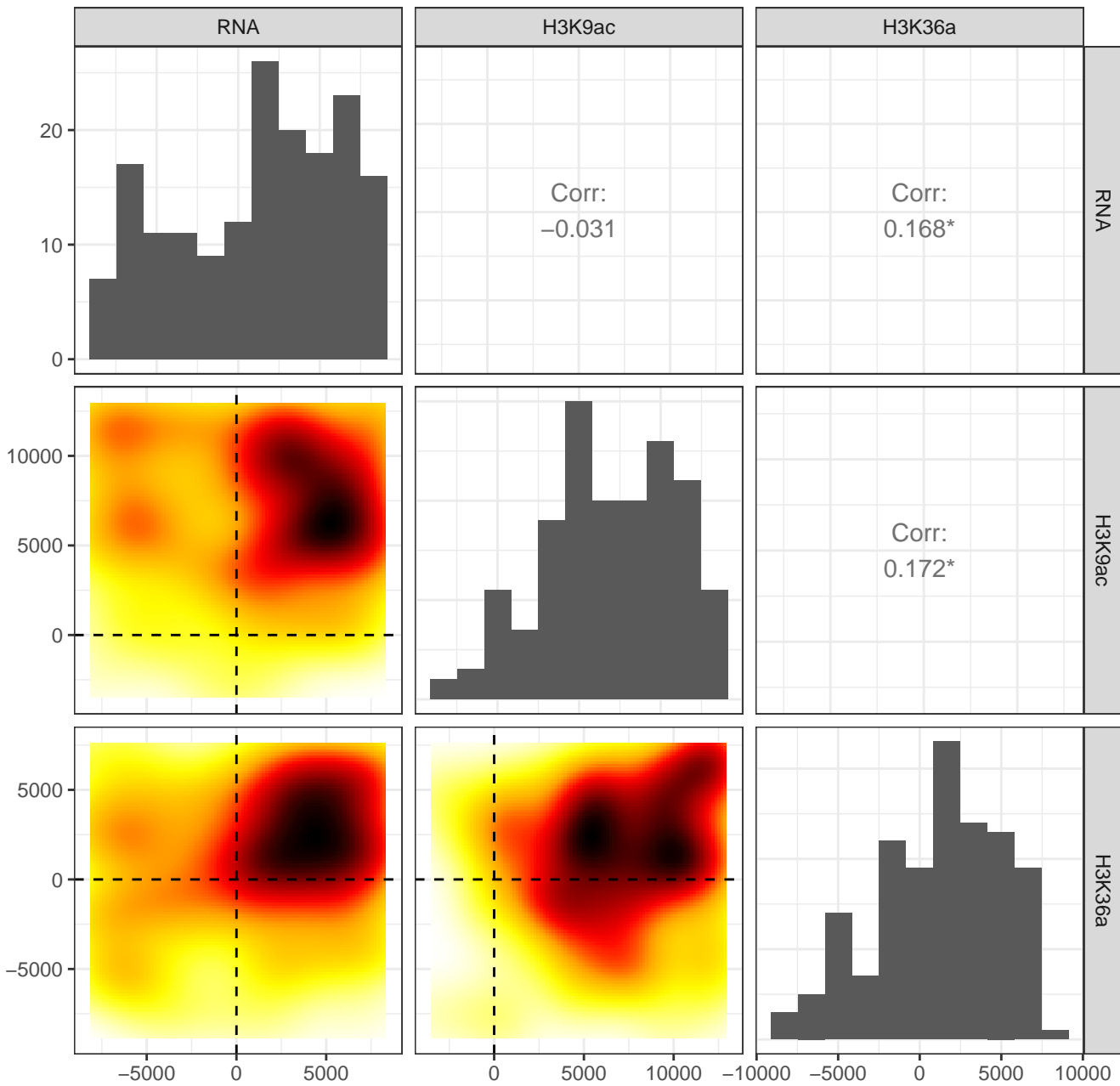
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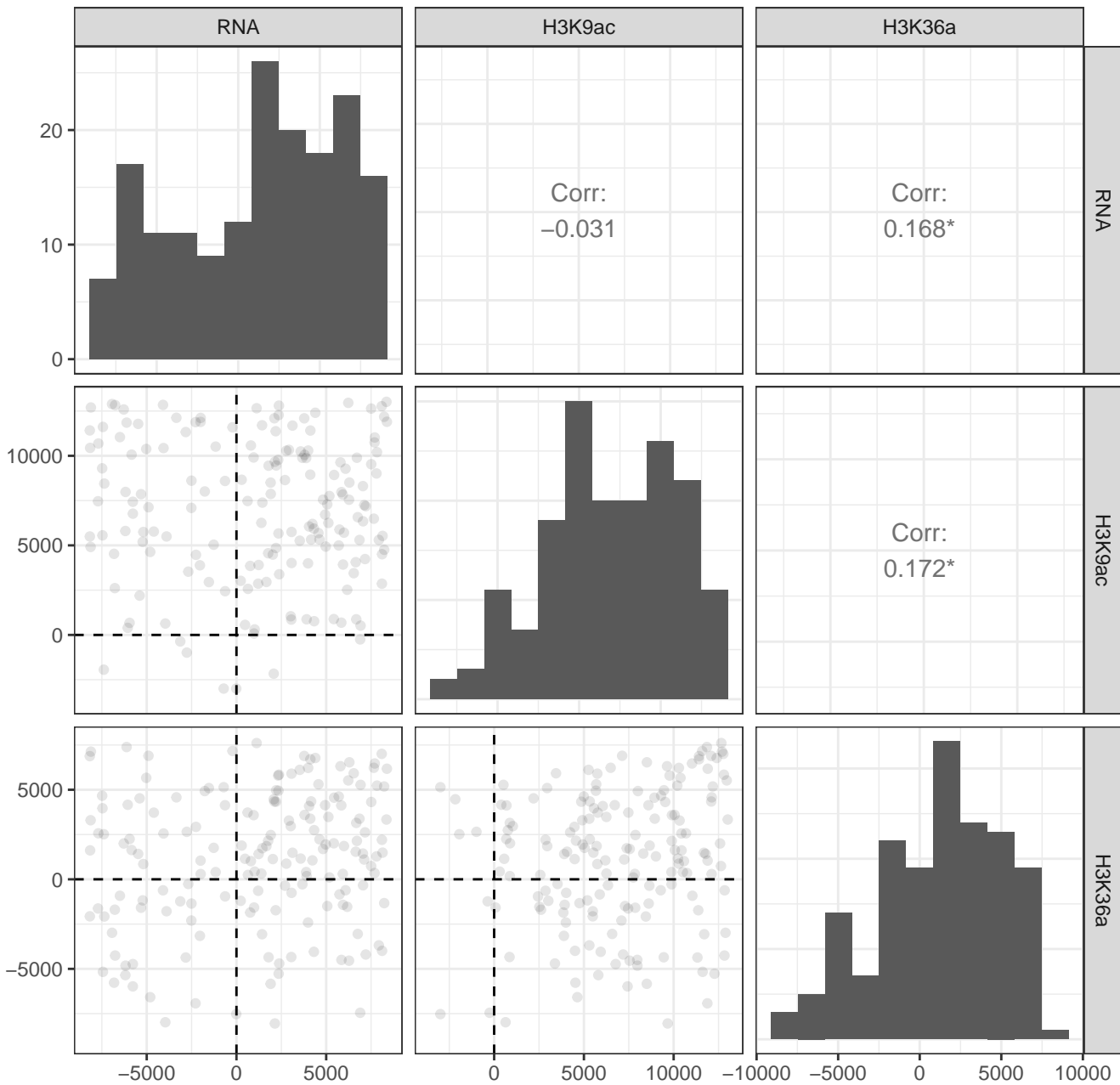
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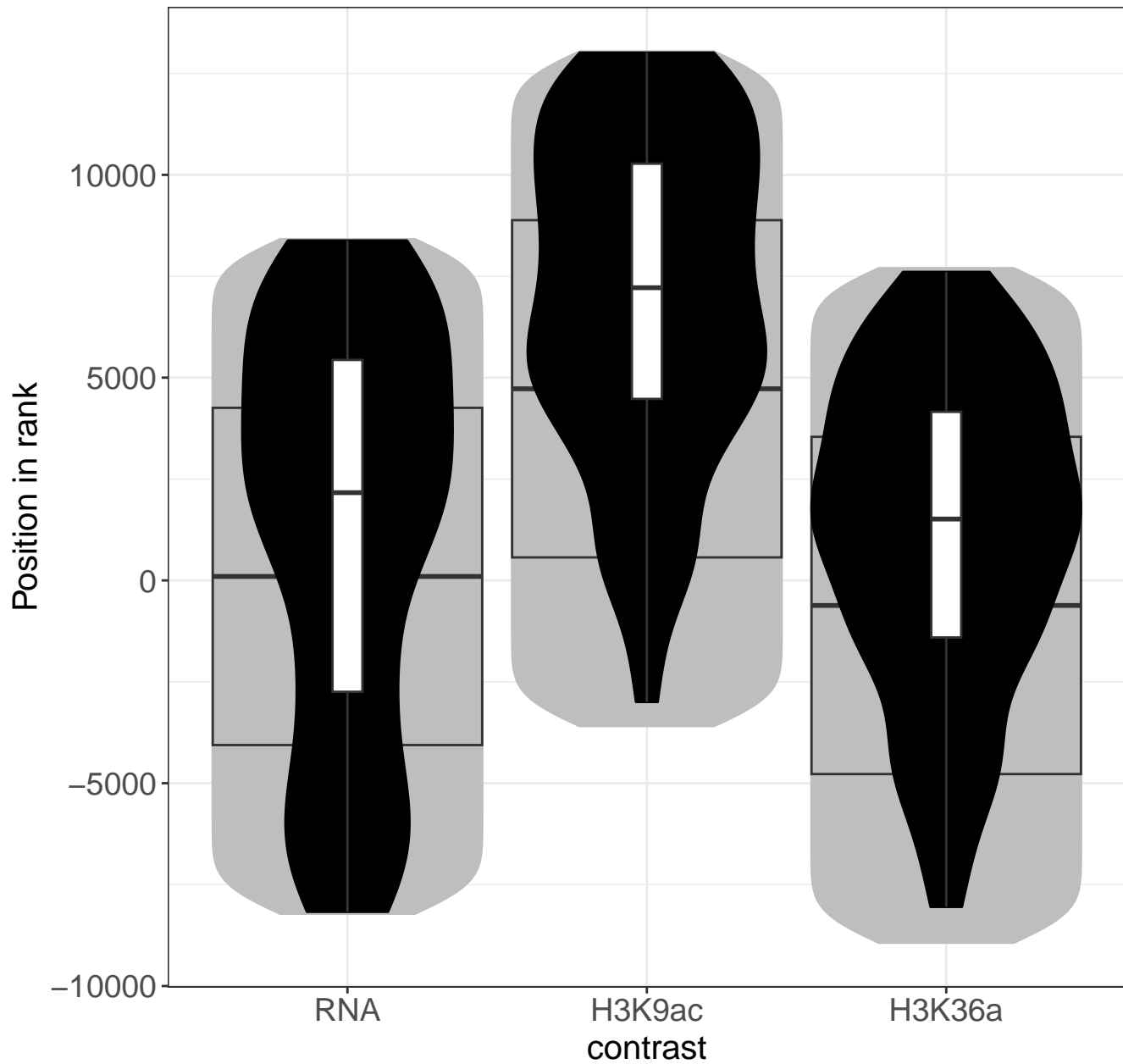
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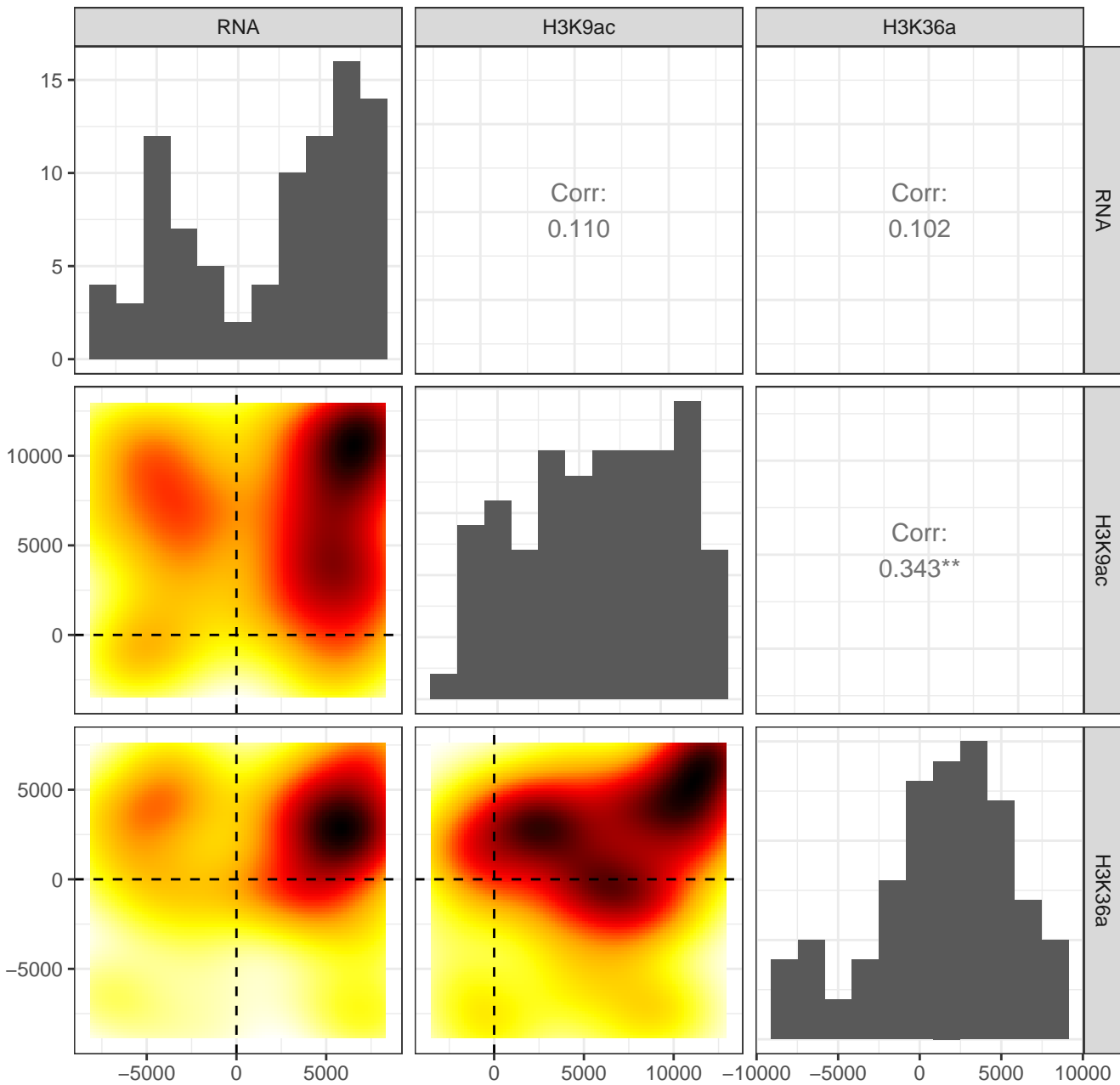
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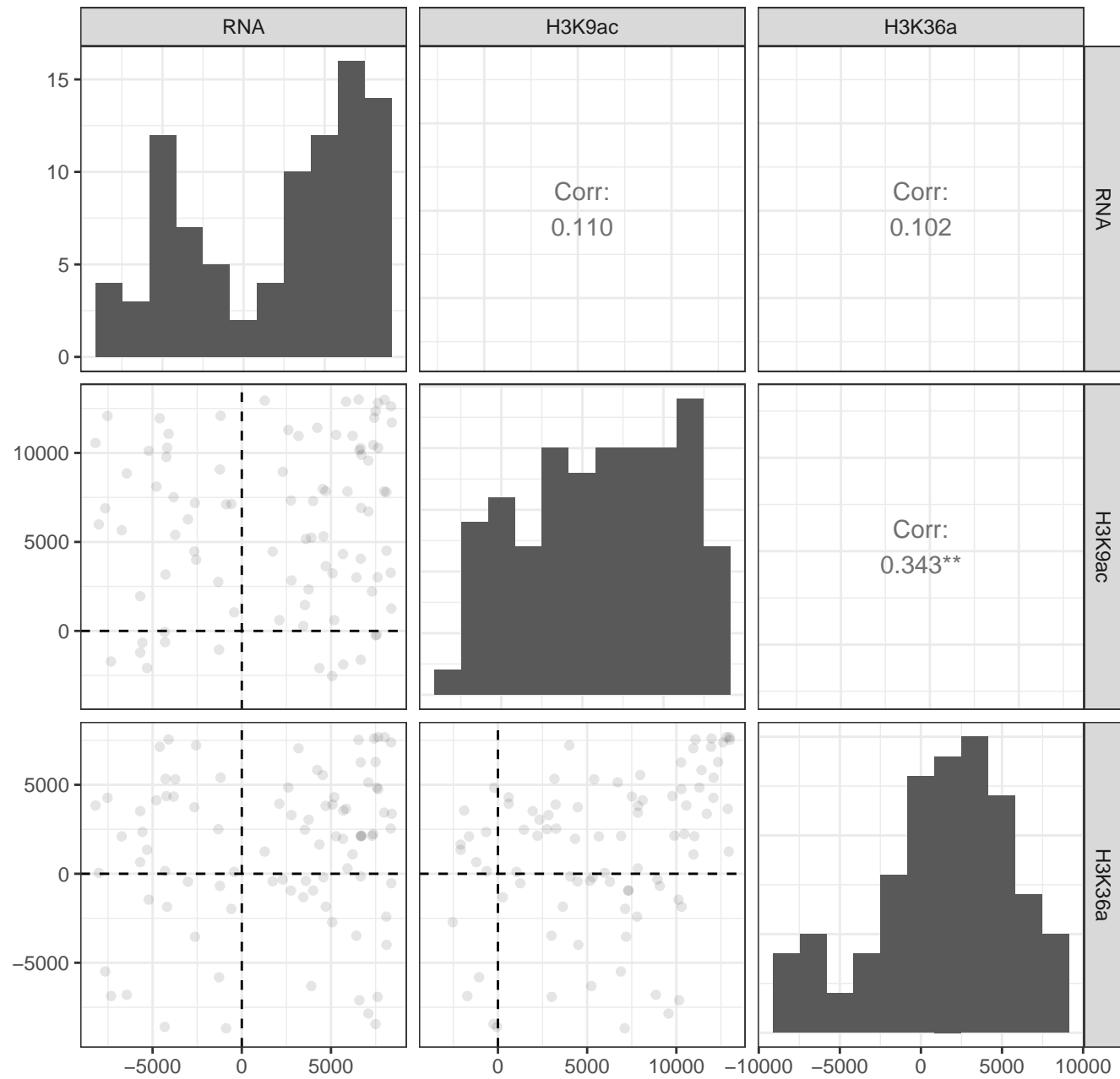
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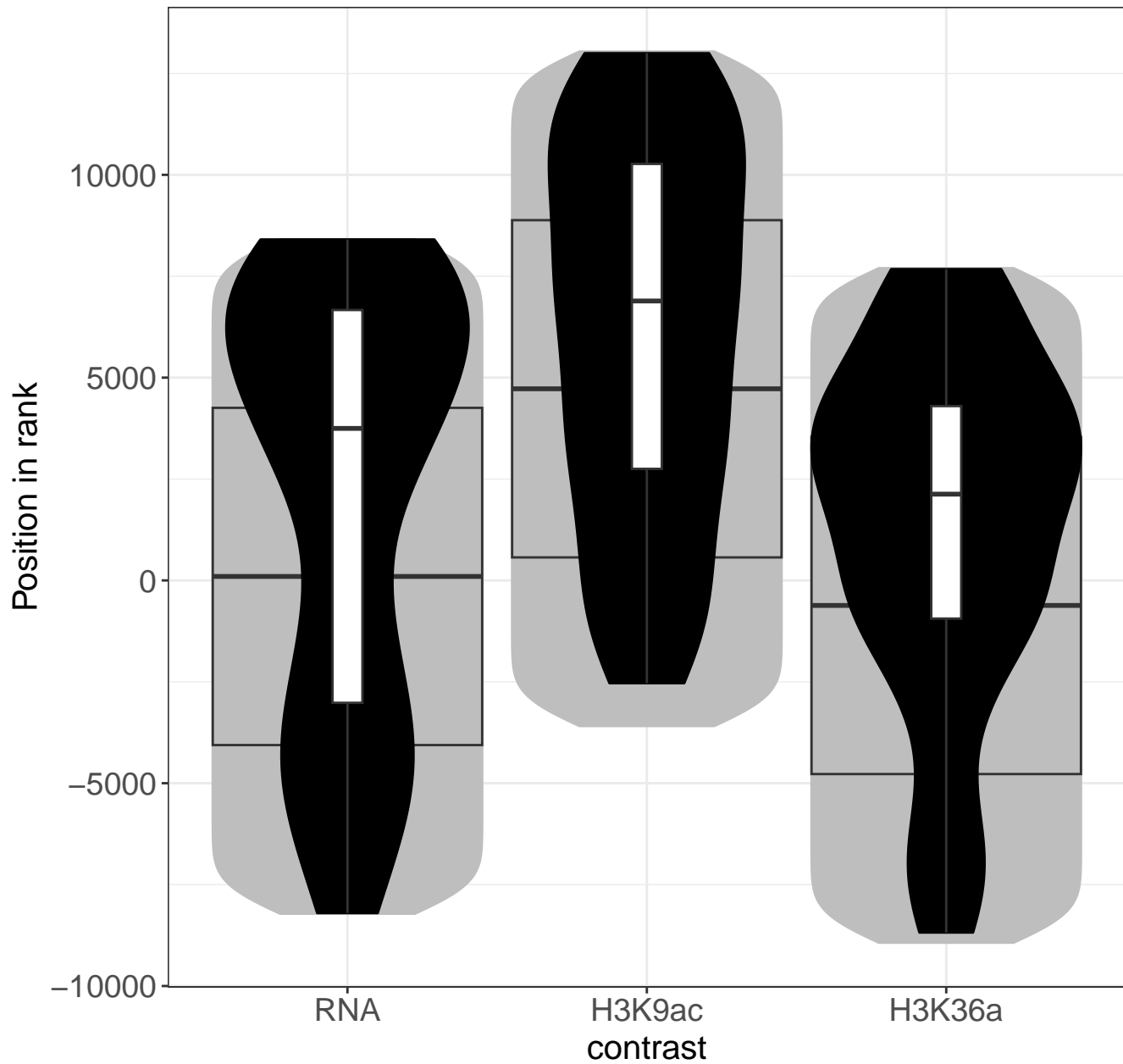
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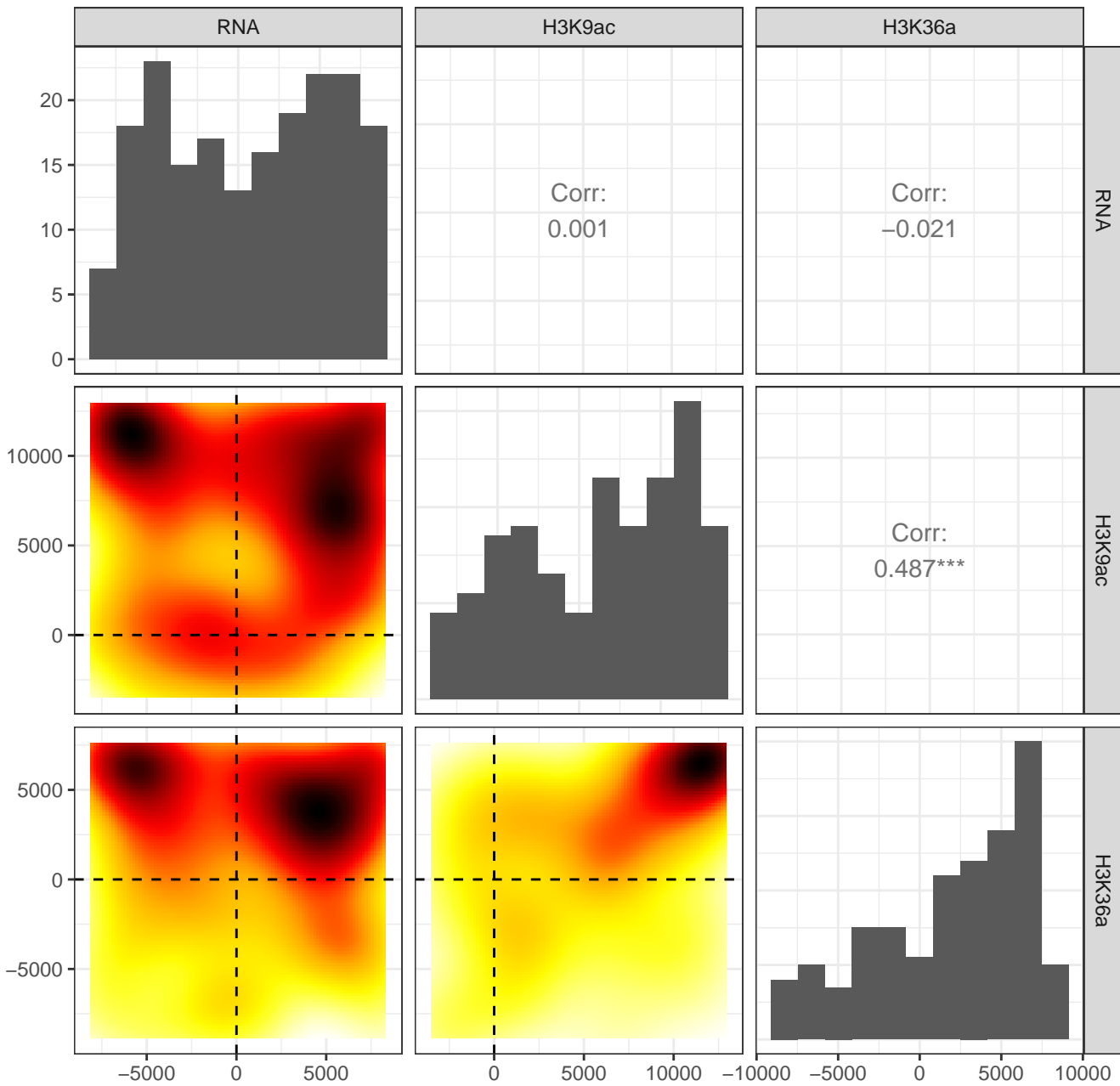
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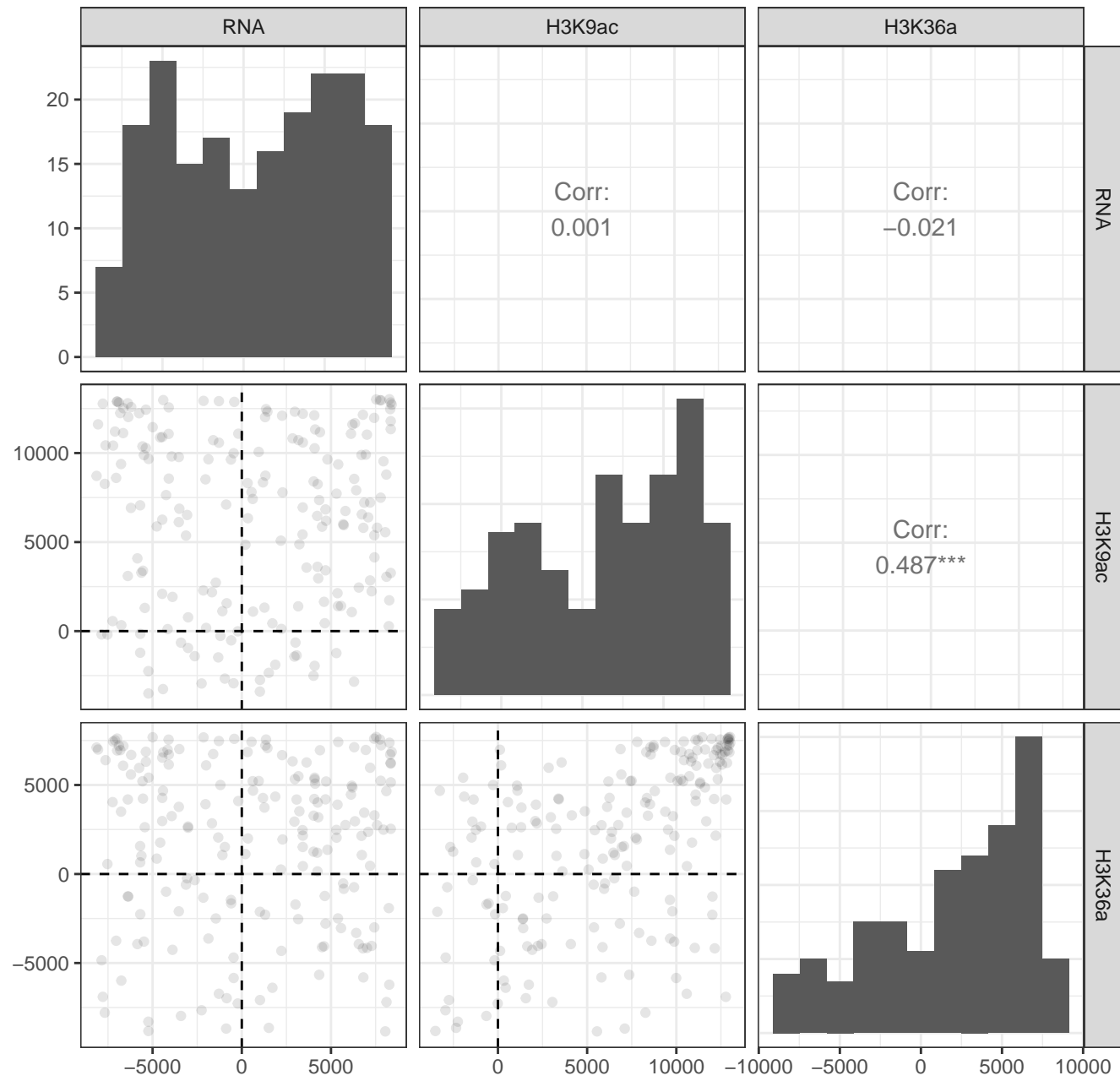
PBX1 02



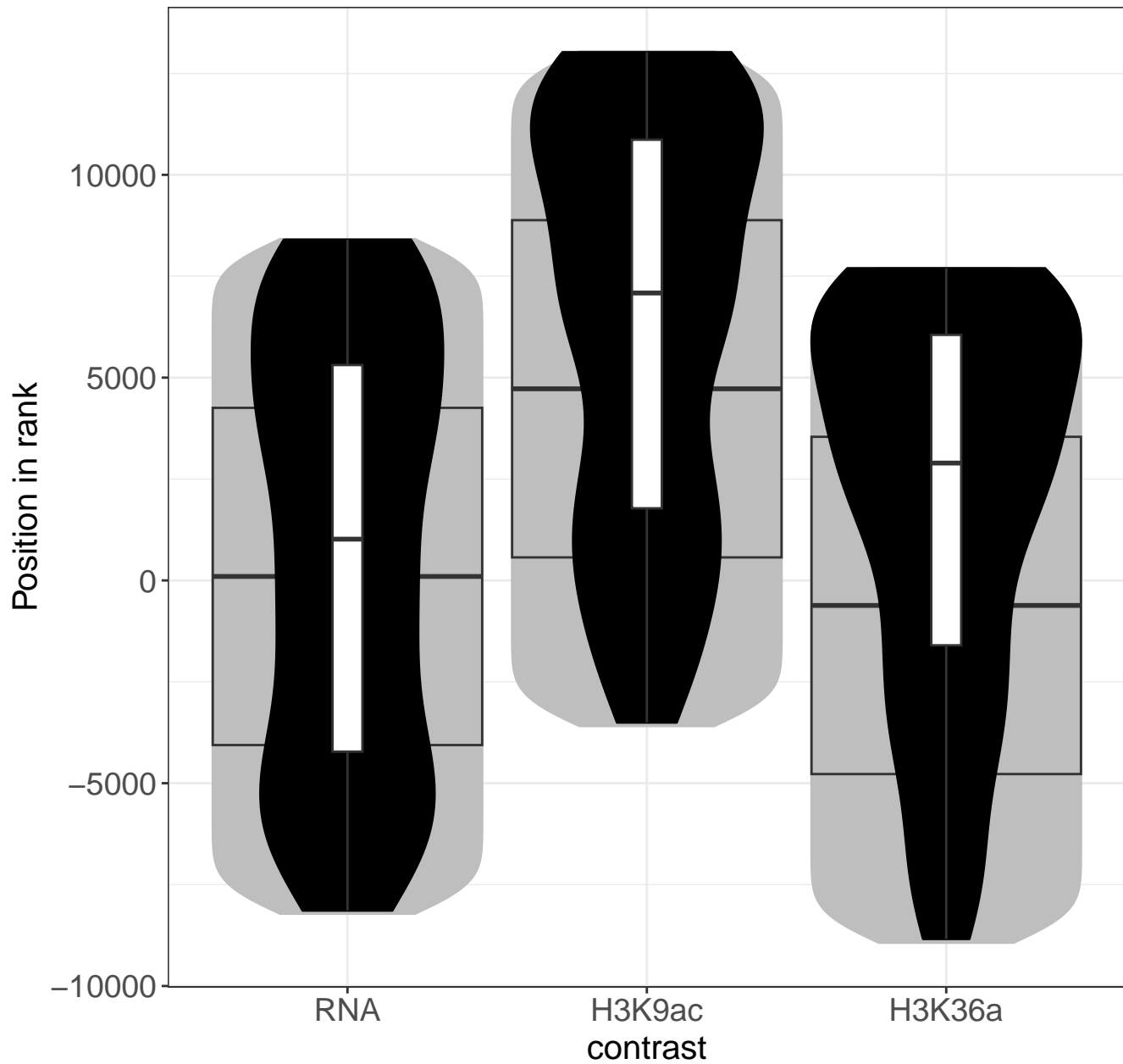
MEF2 02



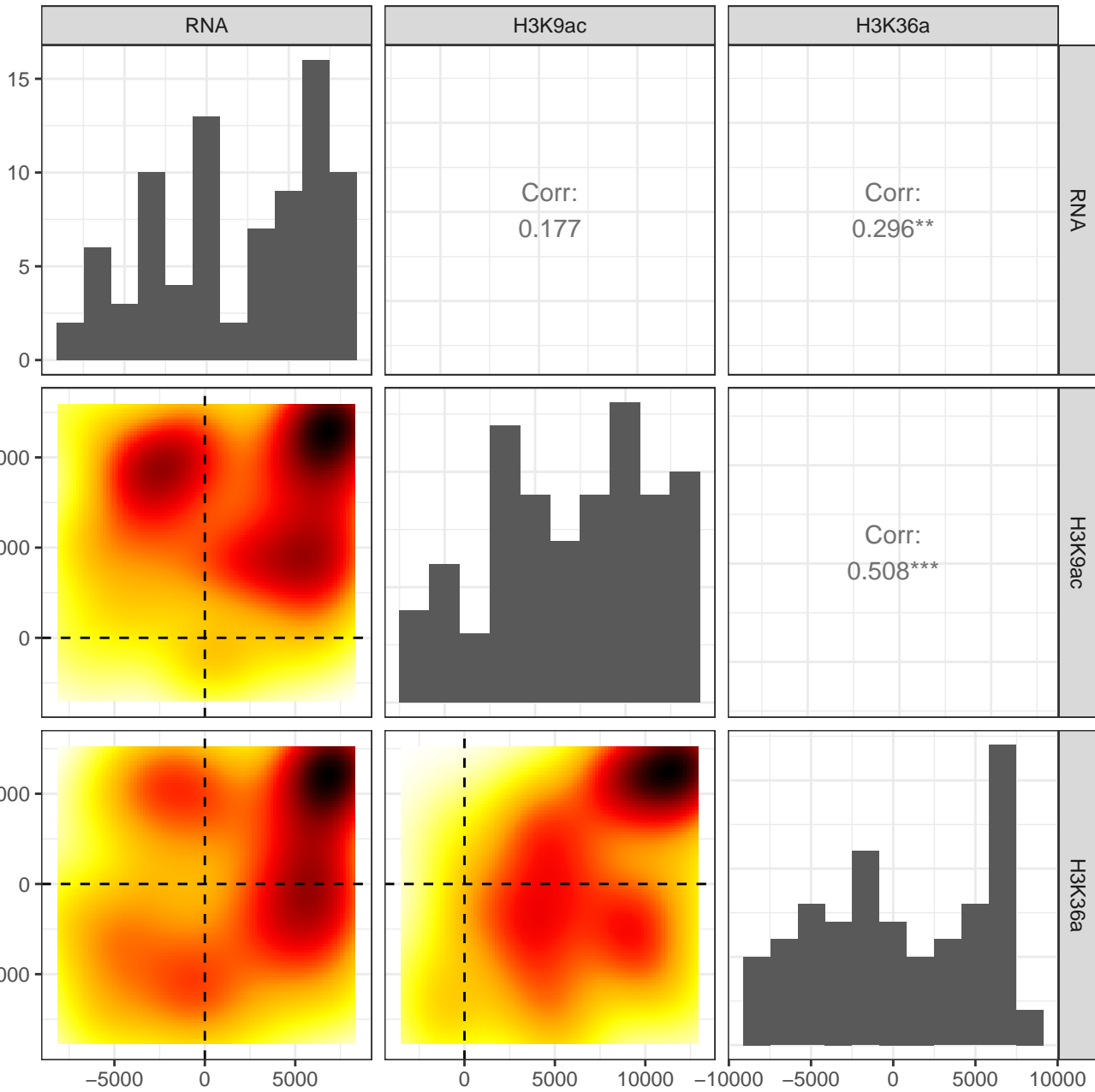
MEF2 02



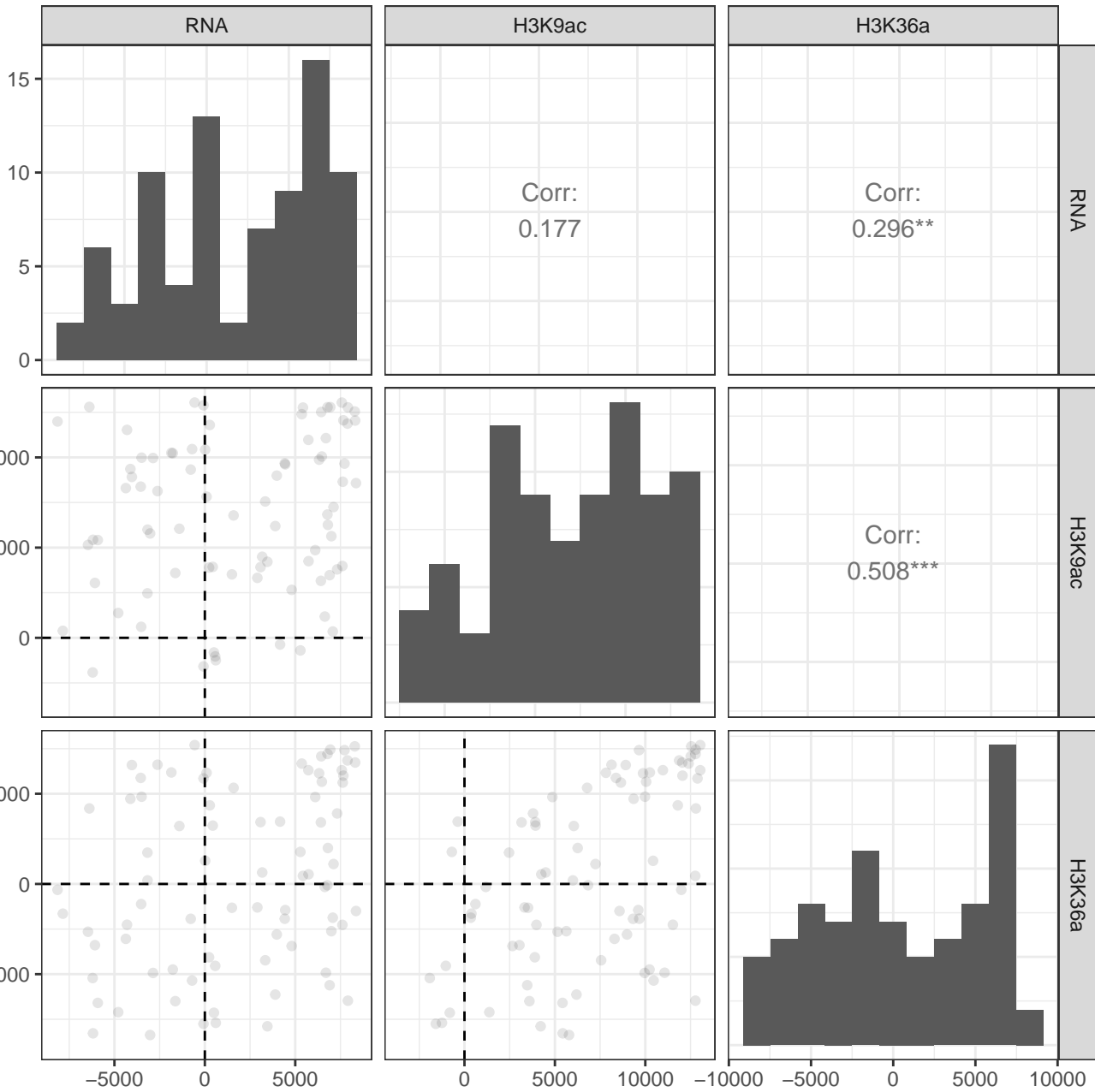
MEF2 02



TFCP2 TARGET GENES



TFCP2 TARGET GENES



TFCP2 TARGET GENES

