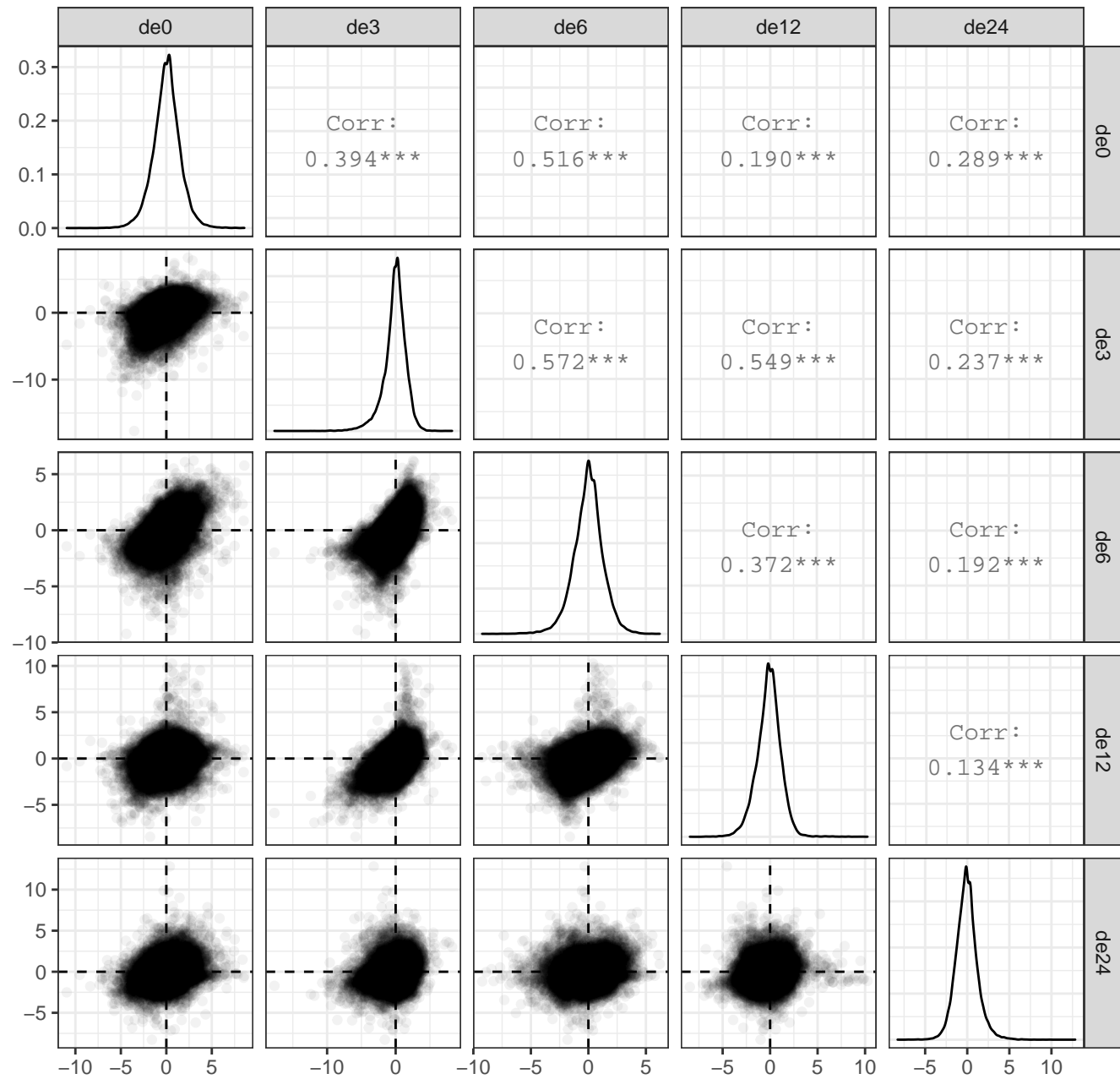
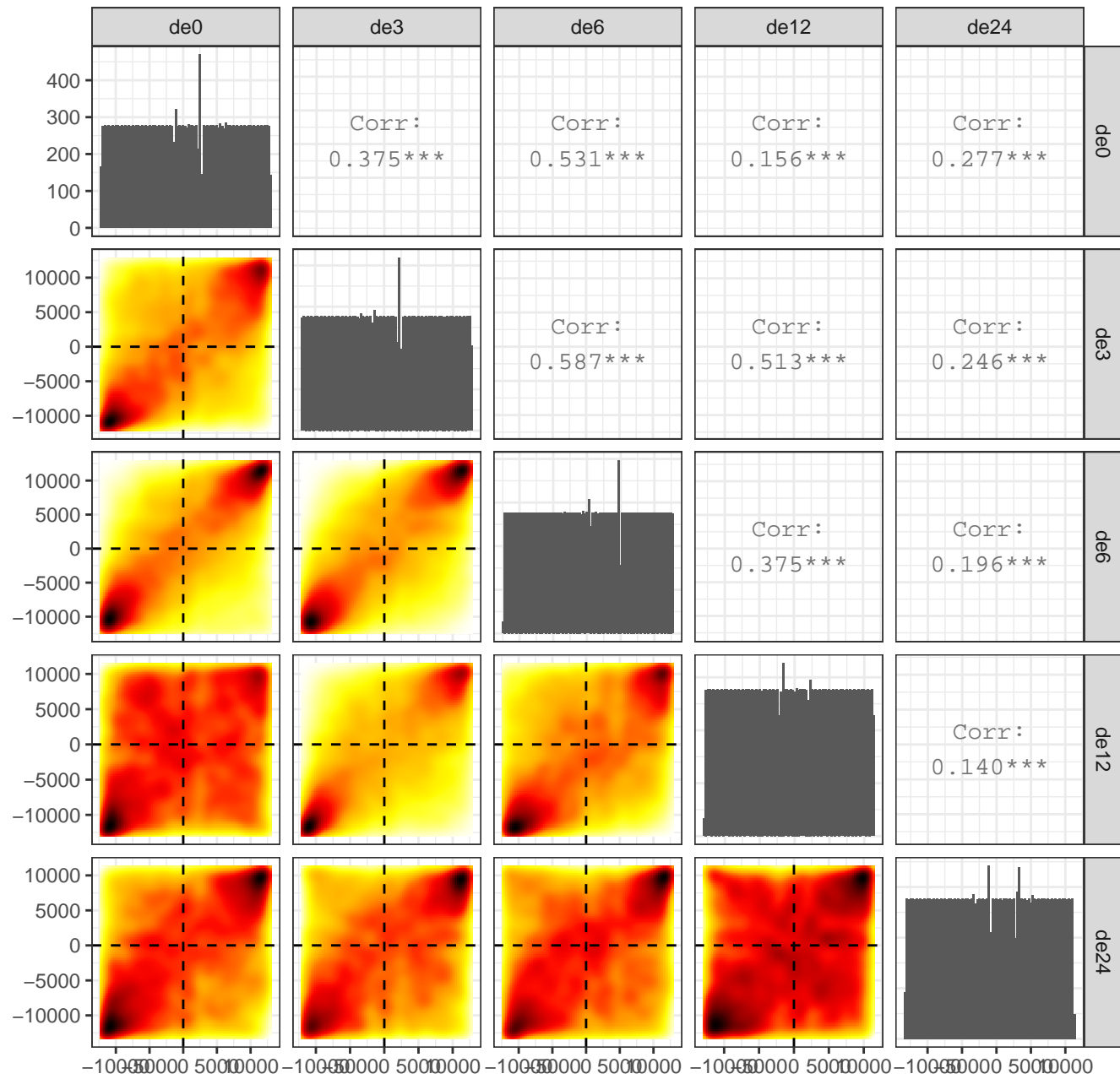


Scatterplot of all genes

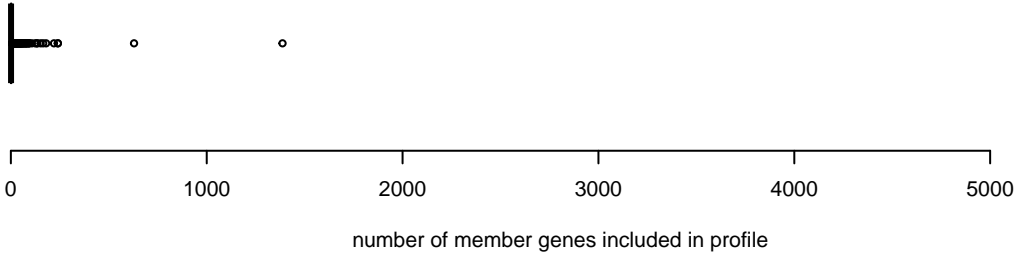


Contour plot of all genes after ranking

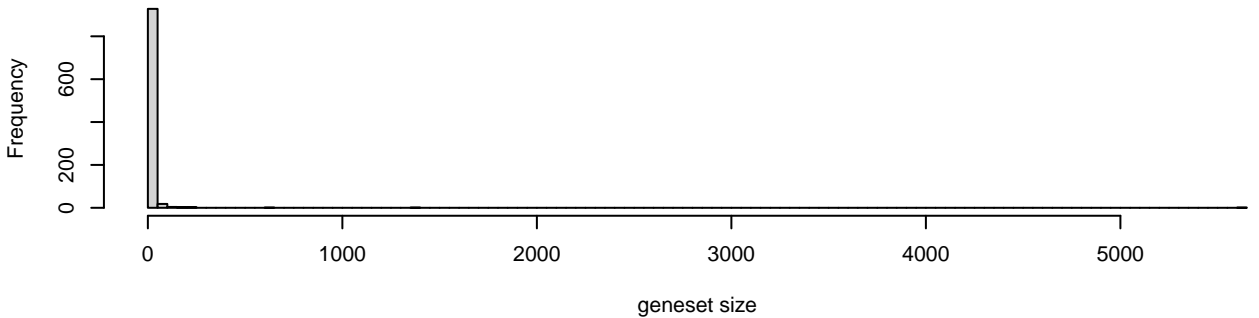


4	-1	1	-1	-1	-1	510
5	1	1	-1	-1	-1	262
6	1	-1	0	-1	-1	1
7	-1	-1	1	-1	-1	508
8	1	-1	1	-1	-1	660
9	-1	1	1	-1	-1	382
10	1	1	1	-1	-1	974
11	1	1	-1	0	-1	1
12	-1	-1	-1	1	-1	1133
13	1	-1	-1	1	-1	276
14	-1	1	-1	1	-1	756
15	1	1	-1	1	-1	363
16	-1	-1	1	1	-1	337
17	1	-1	1	1	-1	357
18	-1	1	1	1	-1	749
19	1	1	1	1	-1	1565
20	1	1	1	-1	0	1
21	-1	-1	-1	-1	1	1259
22	1	-1	-1	-1	1	979
23	-1	1	-1	-1	1	428
24	1	1	-1	-1	1	351
25	-1	-1	1	-1	1	260
26	1	-1	1	-1	1	508
27	-1	1	1	-1	1	294
28	1	1	1	-1	1	1096
29	-1	-1	-1	1	1	433
30	1	-1	-1	1	1	246
31	-1	1	-1	1	1	599
32	1	1	-1	1	1	406
33	-1	-1	1	1	1	241

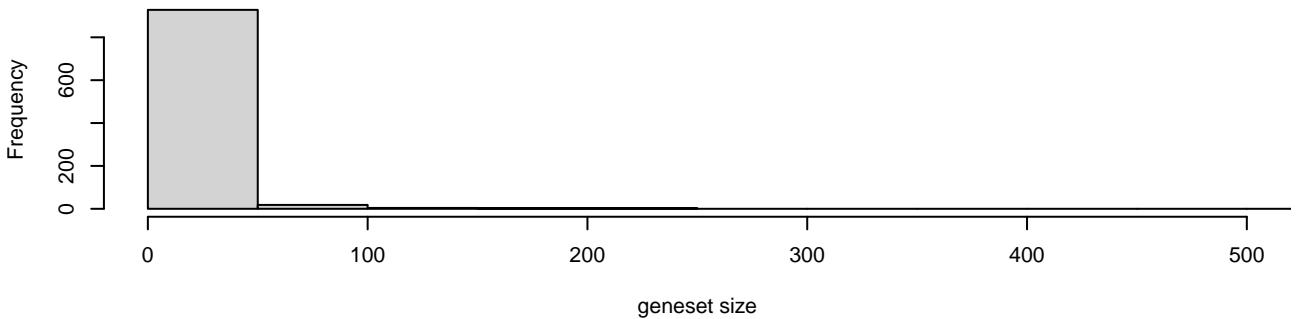
Gene set size



Histogram of geneset size

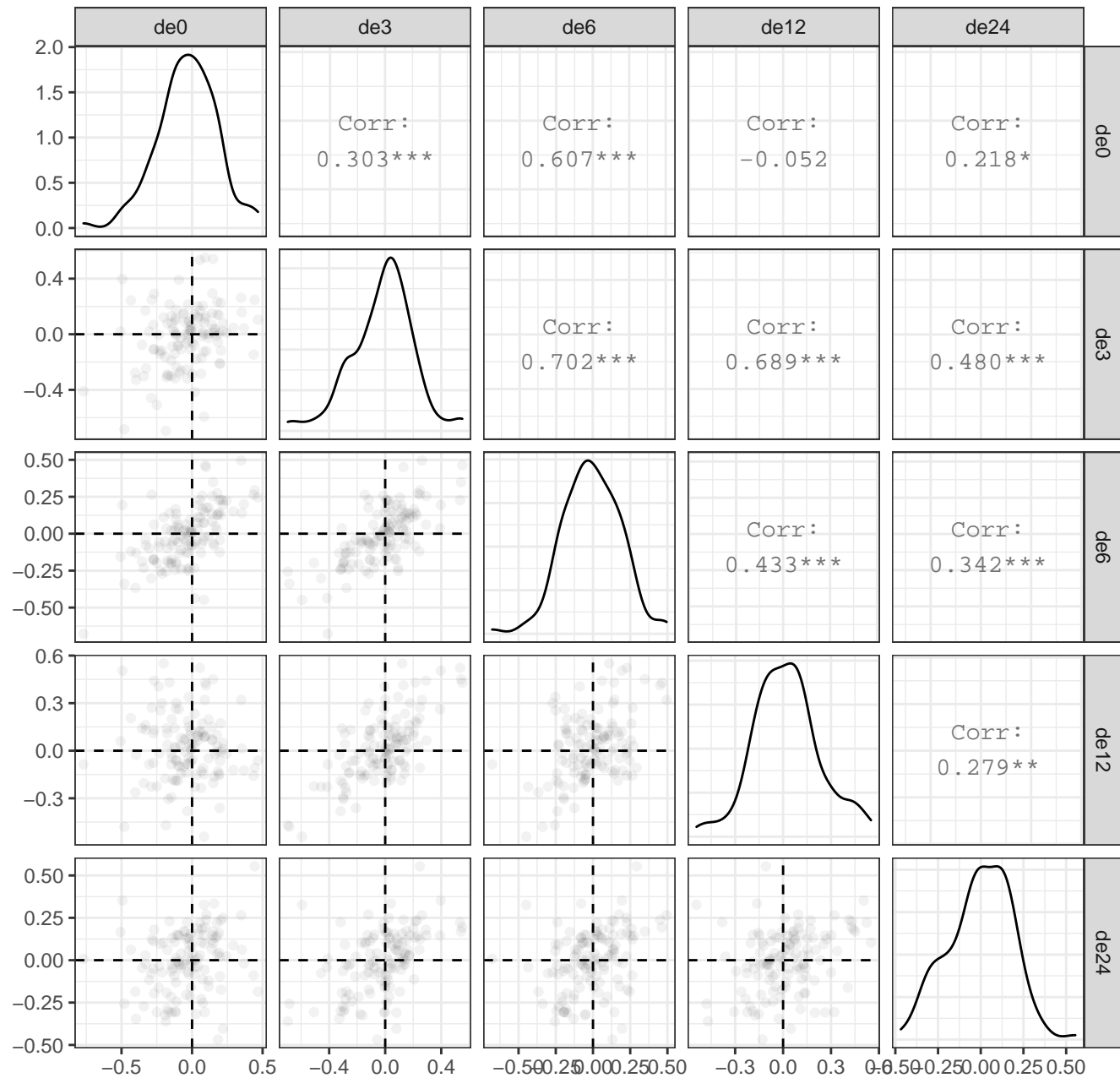


Trimmed histogram of geneset size

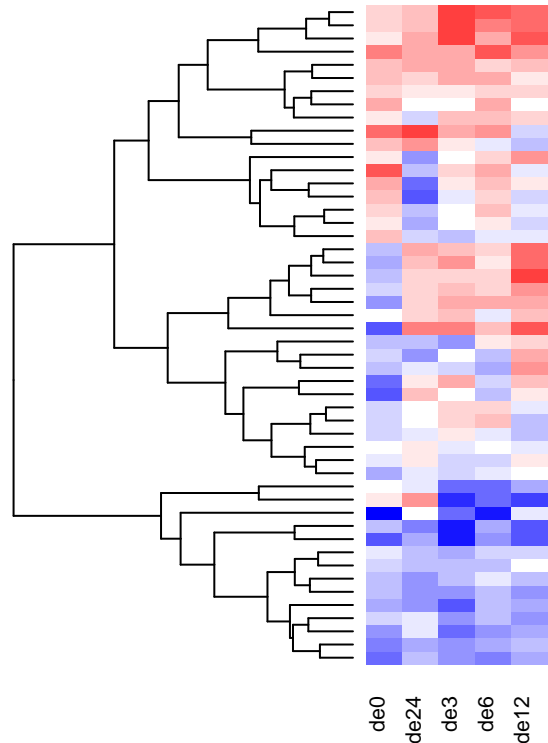
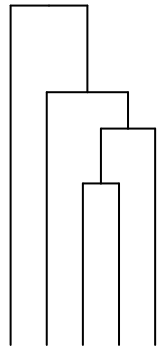
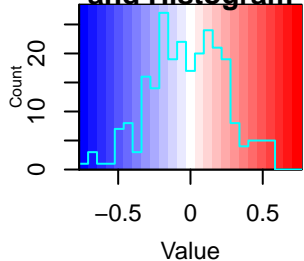


	s.de0	s.de3	s.de6	s.de12	s.de24	Number of gene sets in each sector
1	-1	-1	-1	-1	-1	12
2	1	-1	-1	-1	-1	2
3	-1	1	-1	-1	-1	1
4	1	-1	1	-1	-1	1
5	-1	1	1	-1	-1	1
6	1	1	1	-1	-1	3
7	-1	-1	-1	1	-1	2
8	-1	-1	1	1	-1	1
9	1	1	1	1	-1	3
10	-1	-1	-1	-1	1	1
11	1	-1	-1	-1	1	1
12	1	1	-1	-1	1	1
13	1	-1	1	-1	1	1
14	-1	1	1	-1	1	1
15	1	1	1	-1	1	2
16	-1	-1	-1	1	1	1
17	-1	1	-1	1	1	3
18	-1	1	1	1	1	6
19	1	1	1	1	1	8

Scatterplot of all genesets; FDR<0.05 in red



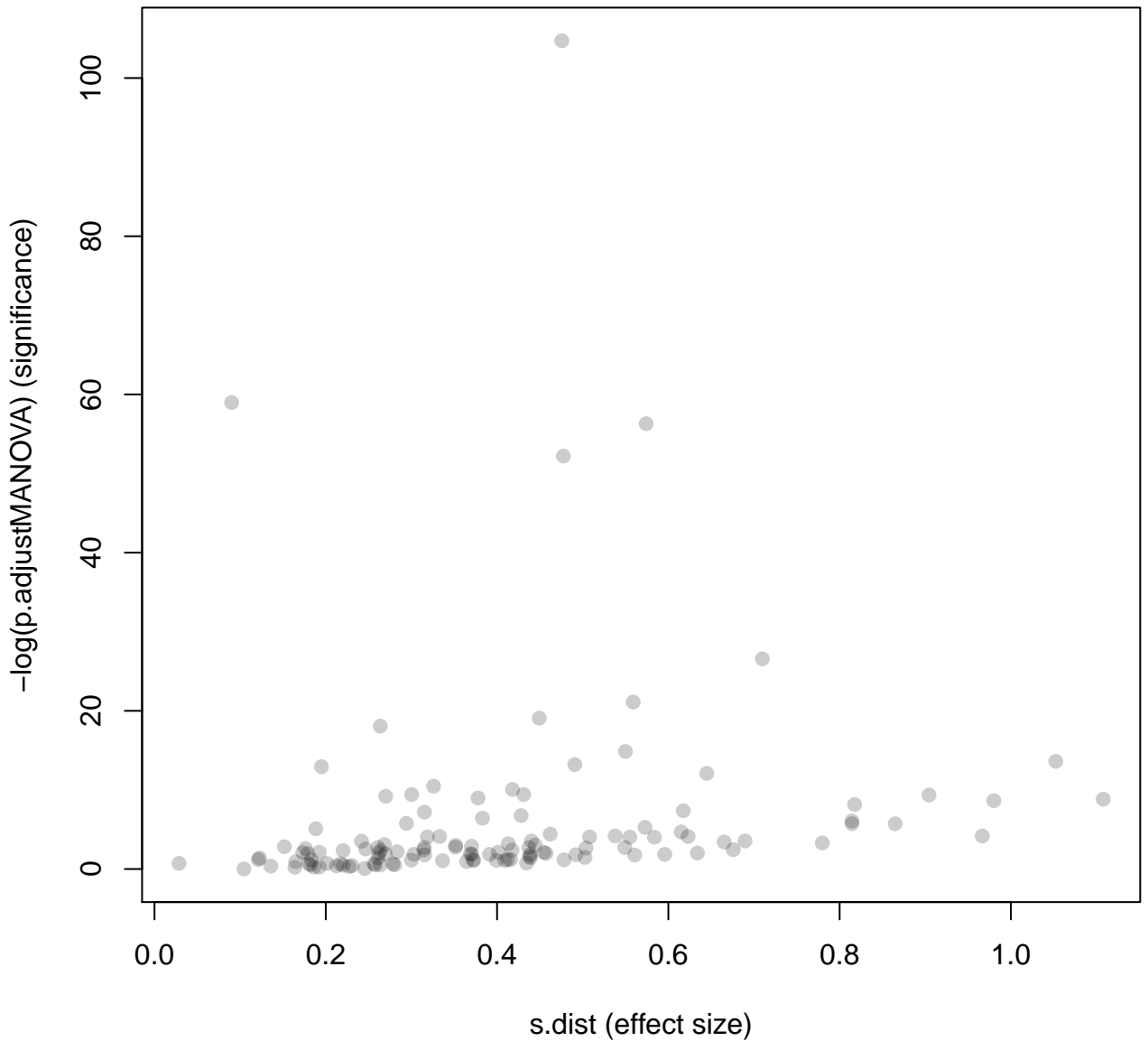
Color Key and Histogram



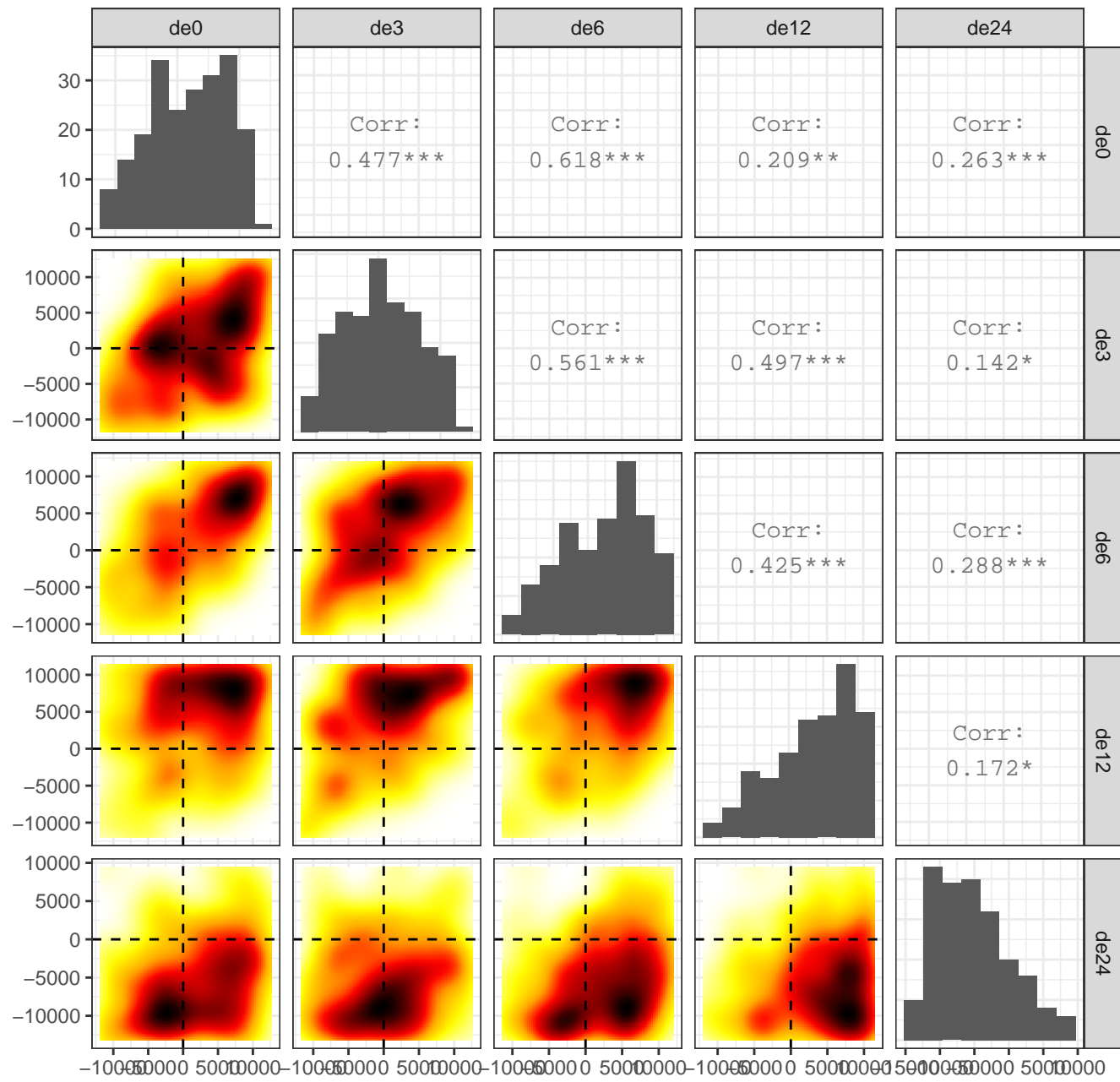
de0
de24
de3
de6
de12

TRANSPORT_SUGARS
 MITOCHONDRIAL_ELECTRON_TRANSPORT_/ATP_SYNTHESIS_CYTOCHR
 CELL_WALL_DEGRADATION_PECTATE_LYASES_AND_POLYGALACTURONA
 STRESS_BIOTIC_PR-PROTEINS_PLANT_DEFENSINS
 DEVELOPMENT_LATE_EMBRYOGENESIS_ABUNDANT
 NOT_ASSIGNED_NO_ONTOLOGY_PENTATRICOPEPTIDE_(PPR)_REPEAT-C
 PROTEIN_AA_ACTIVATION_PSEUDOURIDYLATE_SYNTHASE
 DNA_UNSPECIFIED
 PROTEIN_SYNTHESIS_INITIATION
 PROTEIN_POSTRANSLATIONAL_MODIFICATION_KINASE_RECEPTOR_LIKE
 SIGNALLING_RECEPTOR_KINASES_MISC
 MISC_GDSL-MOTIF_LIPASE
 RNA_REGULATION_OF_TRANSCRIPTION_B3_TRANSCRIPTION_FACTOR_F
 STRESS_BIOTIC_PR-PROTEINS
 NOT_ASSIGNED_NO_ONTOLOGY_PROLINE_RICH_FAMILY
 MISC_INVERTASE/PECTIN_METHYLESTERASE_INHIBITOR_FAMILY_PROTE
 NOT_ASSIGNED_UNKNOWN
 CELL_ORGANISATION
 NOT_ASSIGNED_NO_ONTOLOGY_LATE_EMBRYOGENESIS_ABUNDANT_DO
 RNA_REGULATION_OF_TRANSCRIPTION_ZN-FINGER(CCHC)
 RNA_REGULATION_OF_TRANSCRIPTION_PUTATIVE_TRANSCRIPTION_REC
 RNA_RNA_BINDING
 NOT_ASSIGNED_NO_ONTOLOGY_GLYCINE_RICH_PROTEINS
 CELL_CYCLE
 RNA_REGULATION_OF_TRANSCRIPTION_G2-LIKE_TRANSCRIPTION_FACT

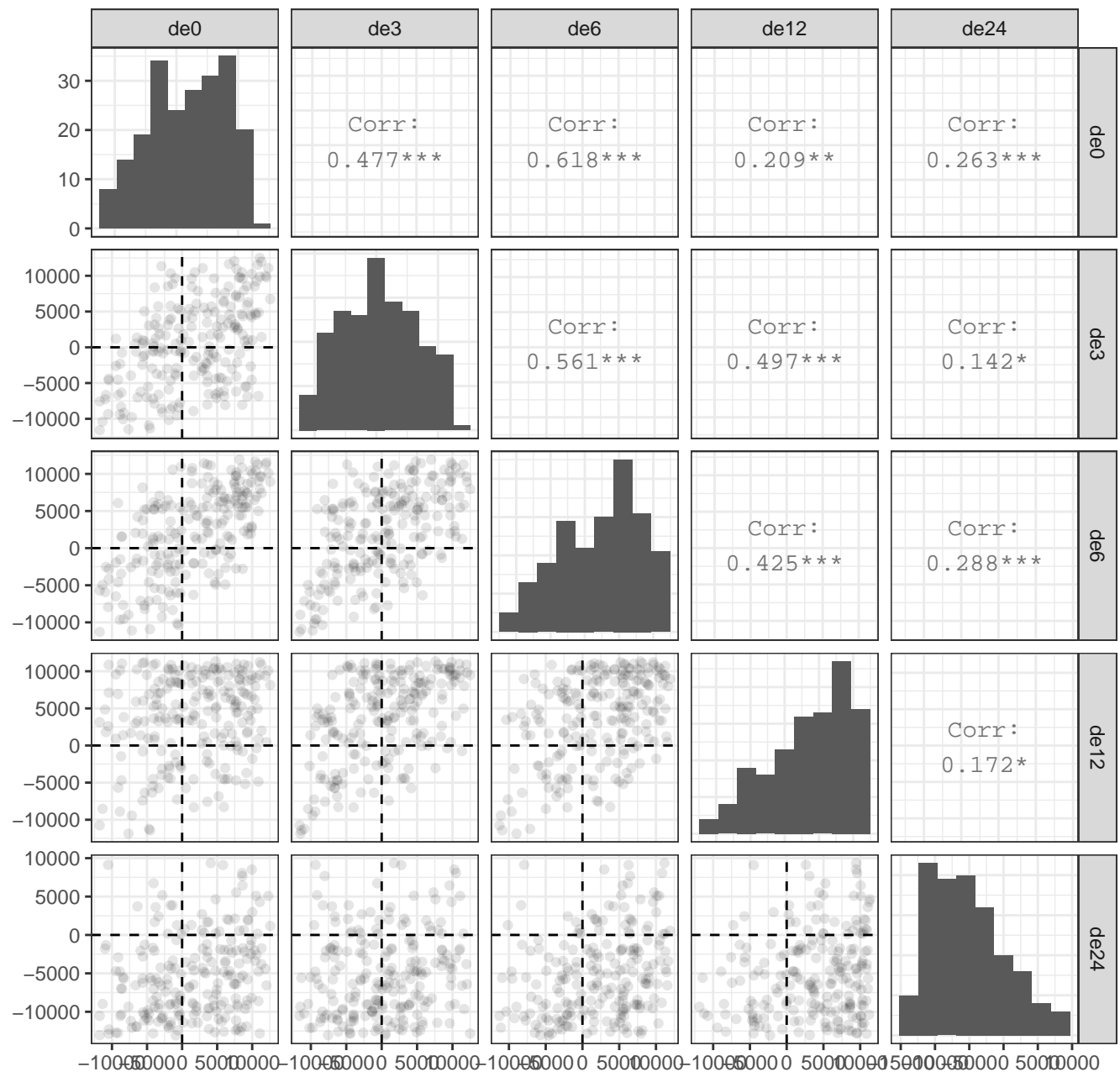
effect size versus statistical significance



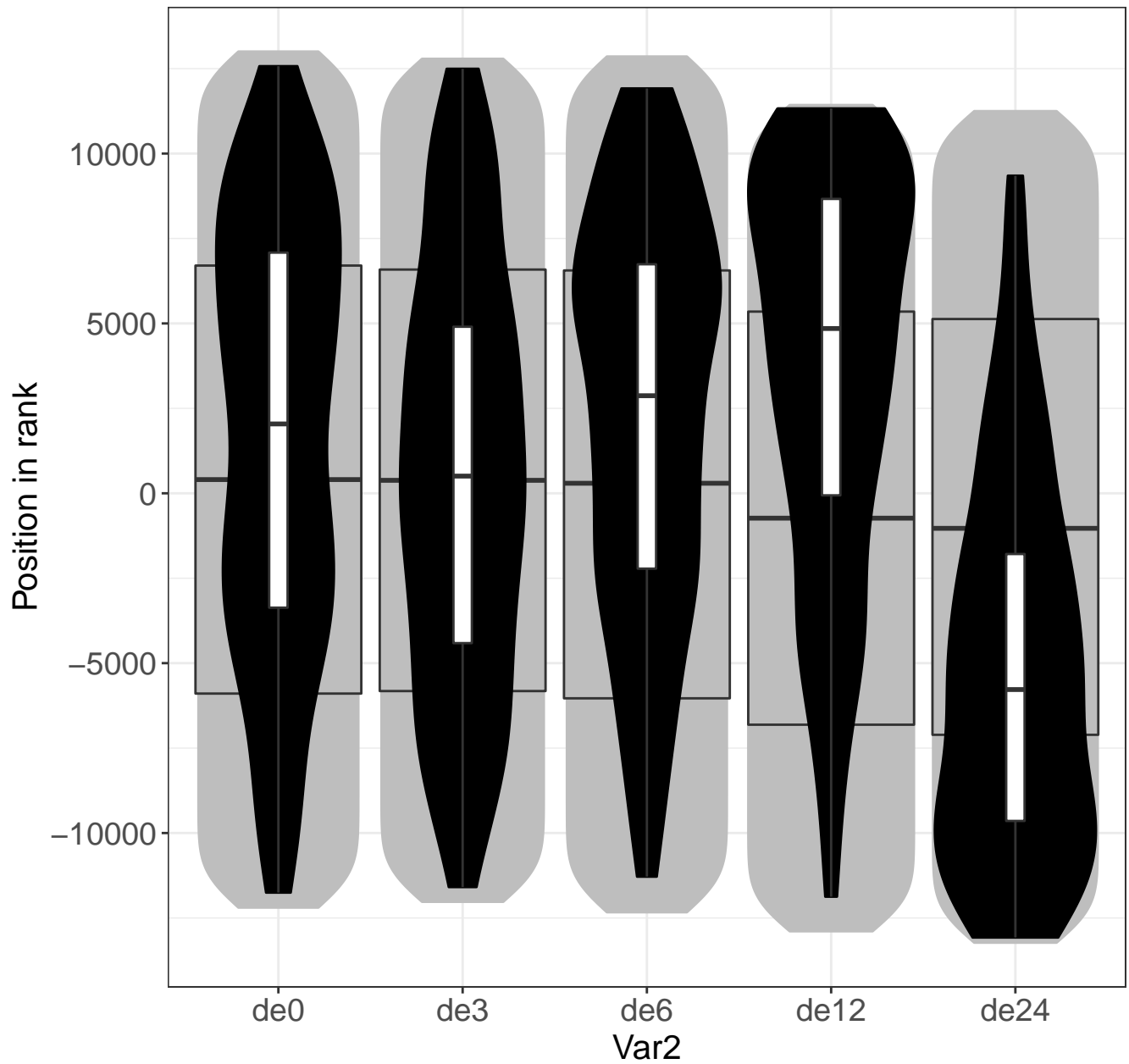
NOT_ASSIGNED_NO_ONTOLOGY_PENTATRICOPEPTIDE_(PPR)_REPEAT-C



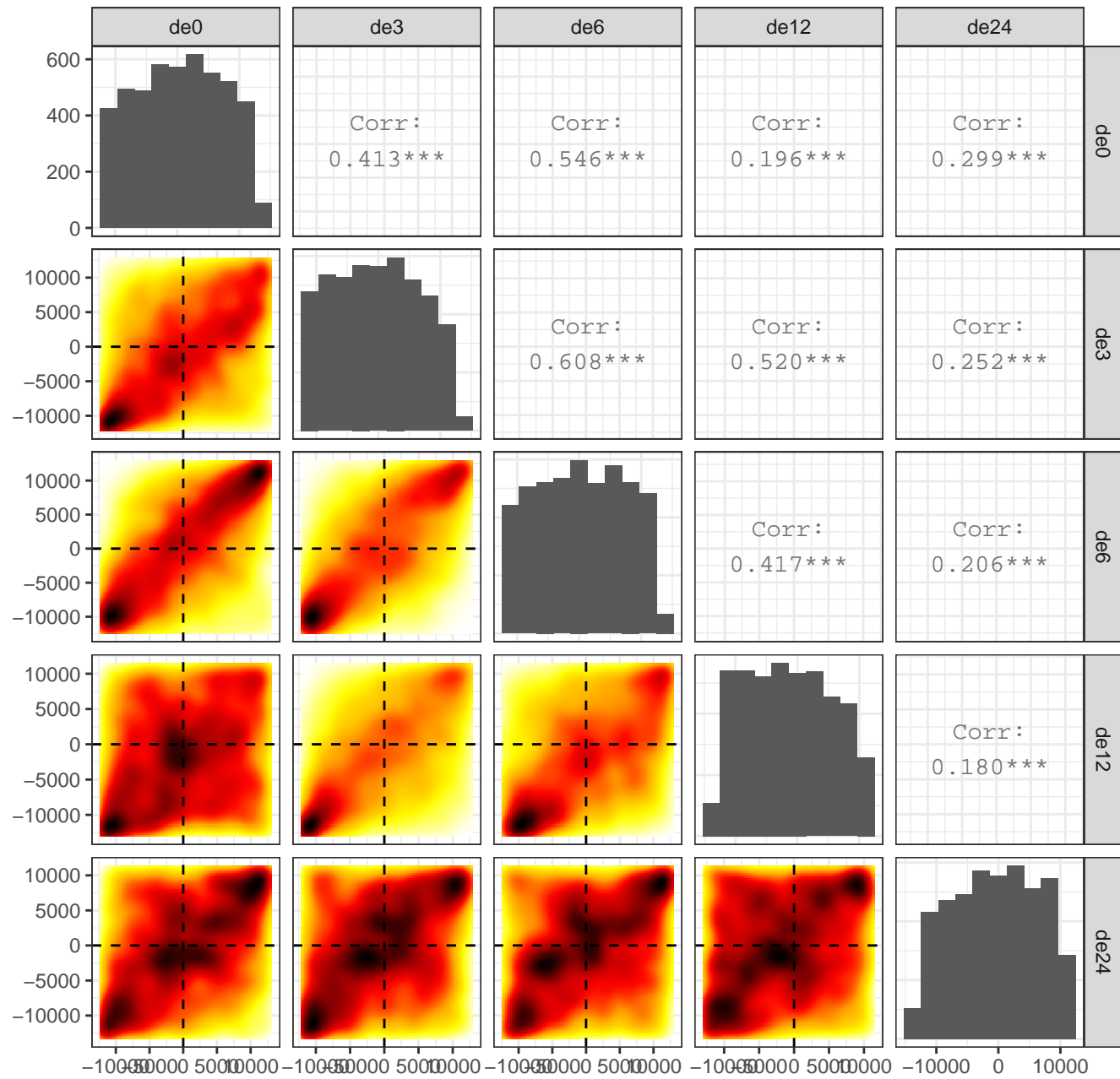
NOT_ASSIGNED_NO_ONTOLOGY_PENTATRICOPEPTIDE_(PPR)_REPEAT-C



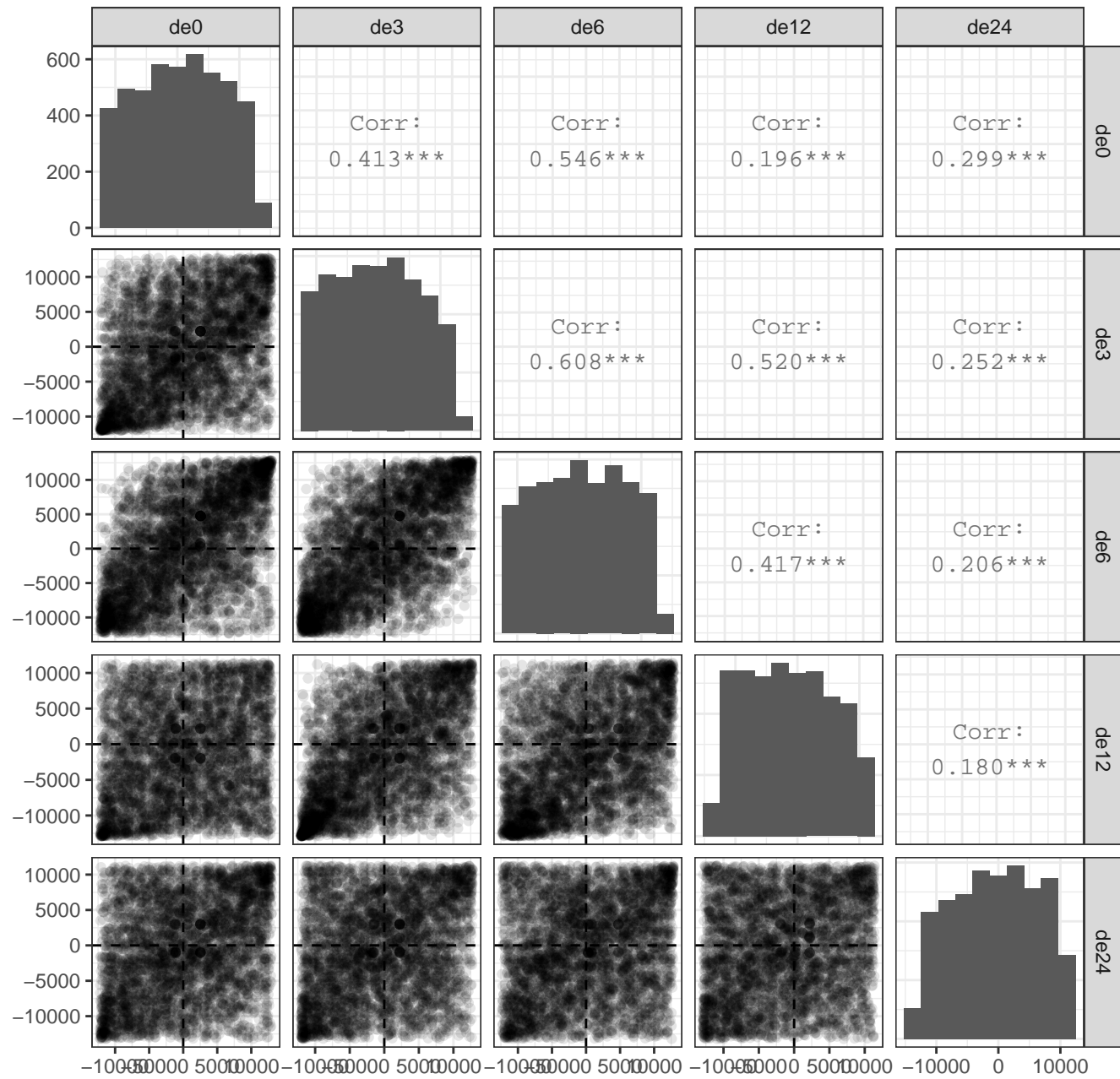
NOT_ASSIGNED_NO_ONTOLOGY_PENTATRIC



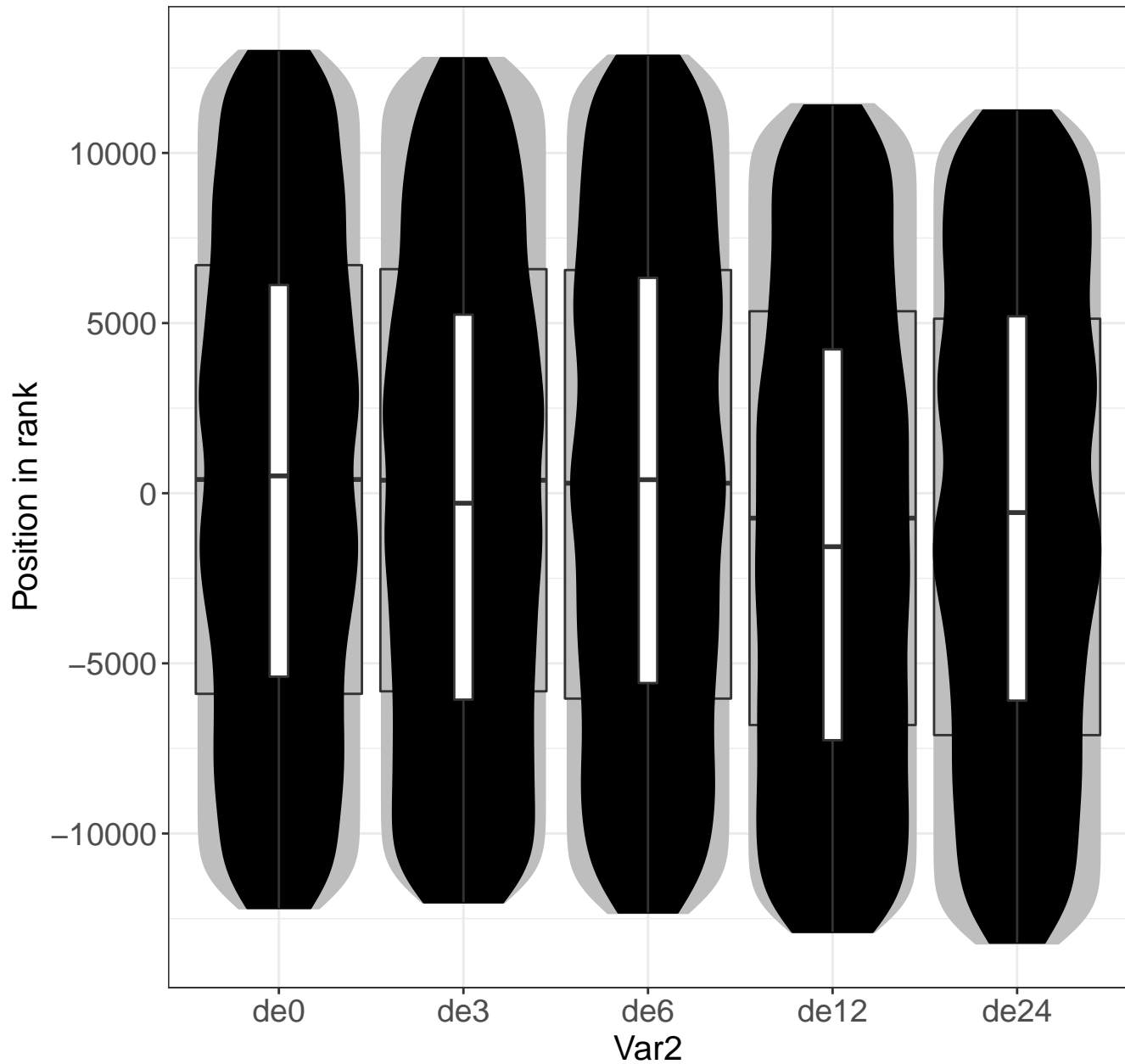
NOT_ASSIGNED_UNKNOWN



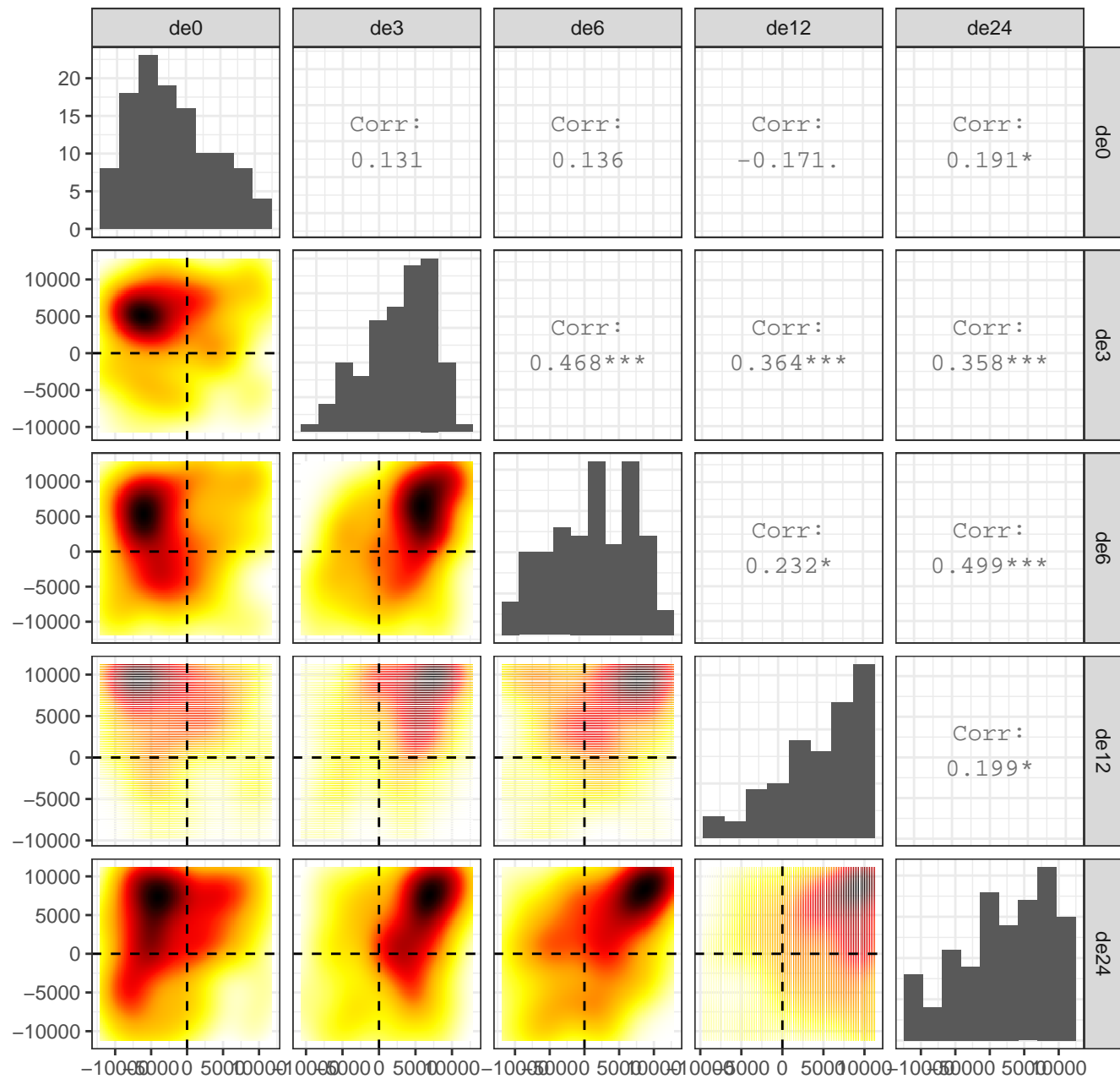
NOT_ASSIGNED_UNKNOWN



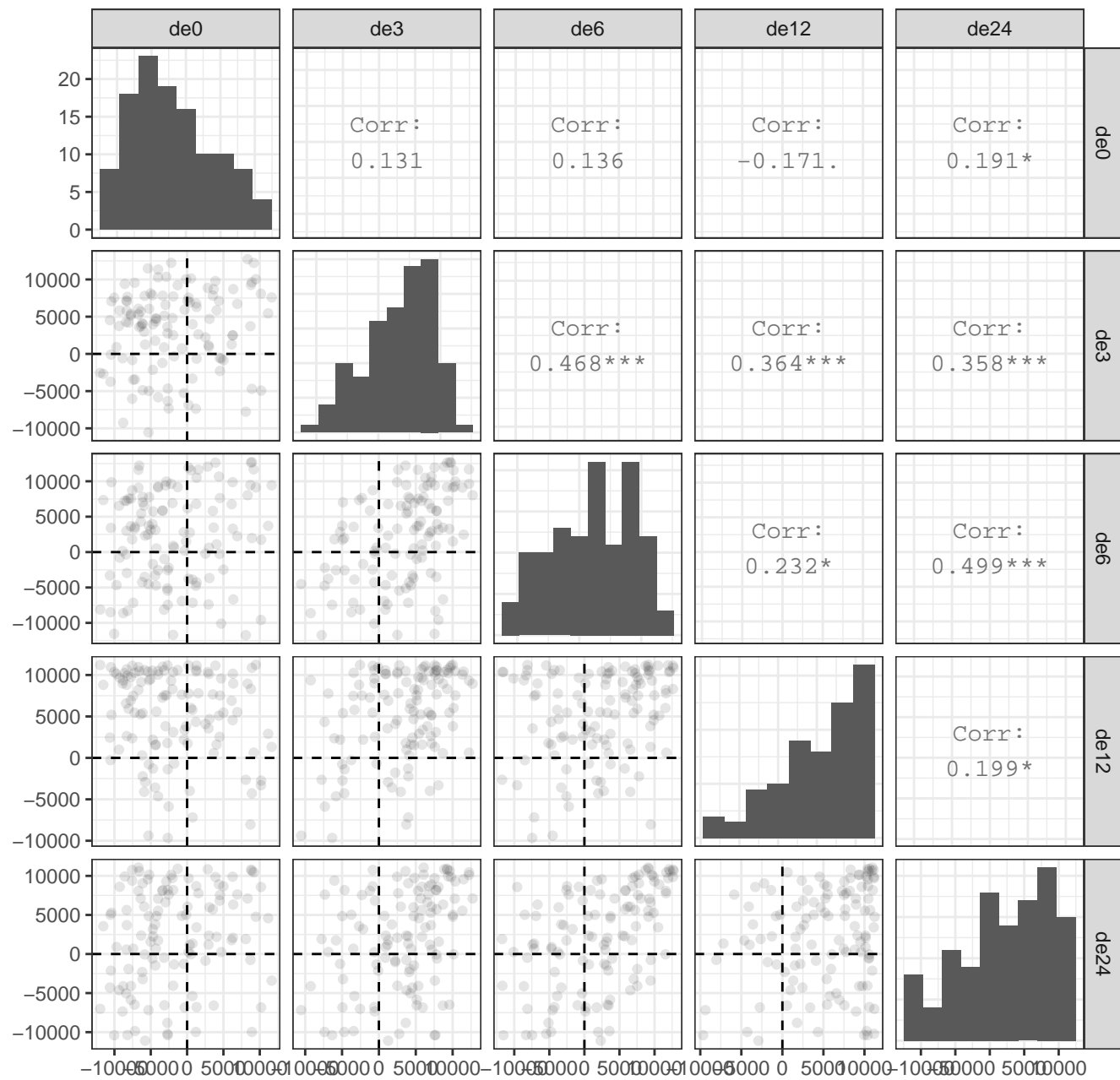
NOT_ASSIGNED_UNKNOWN



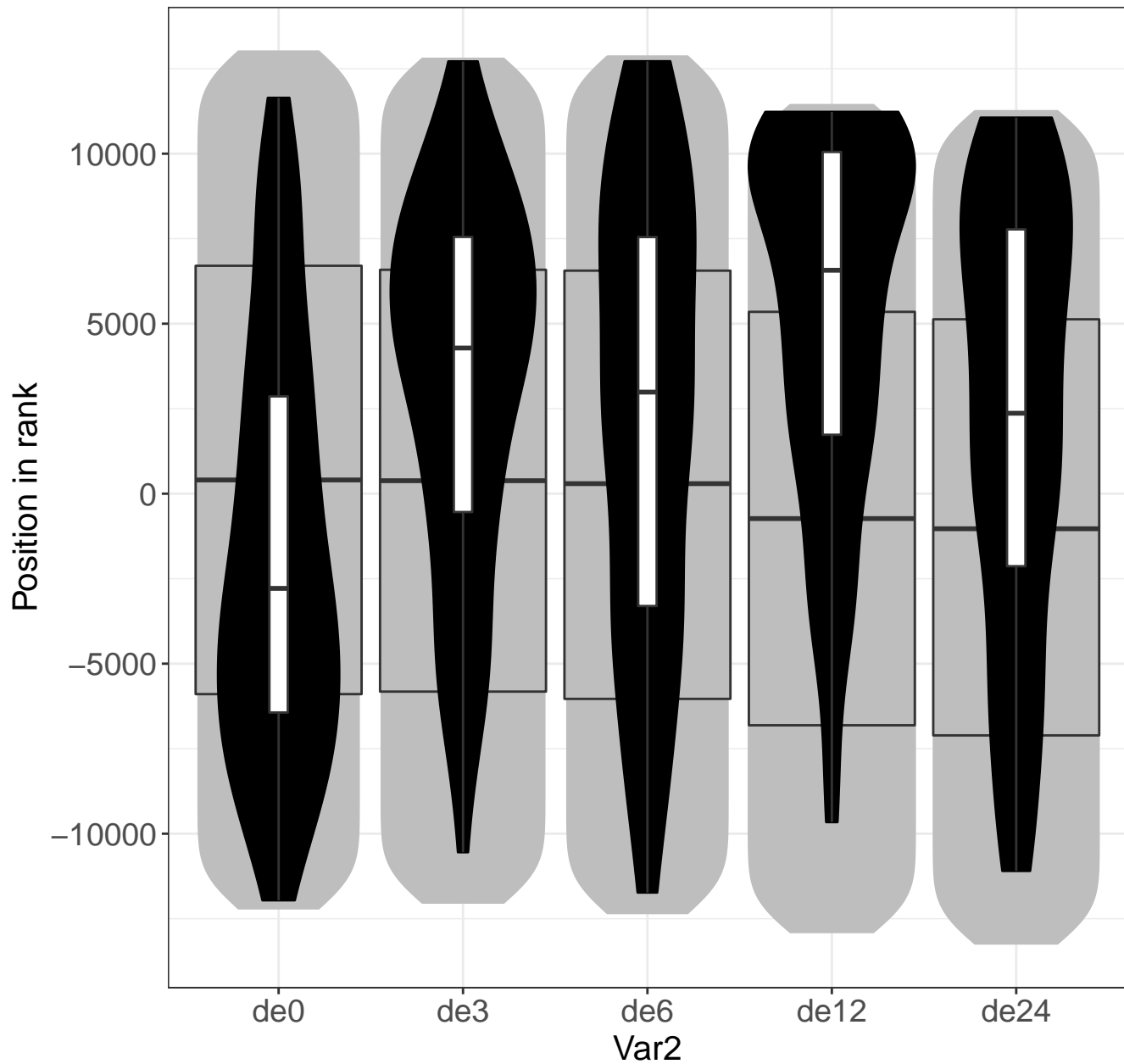
NOT_ASSIGNED_NO_ONTOLOGY_DC1_DOMAIN_CONTAINING_PROTEIN



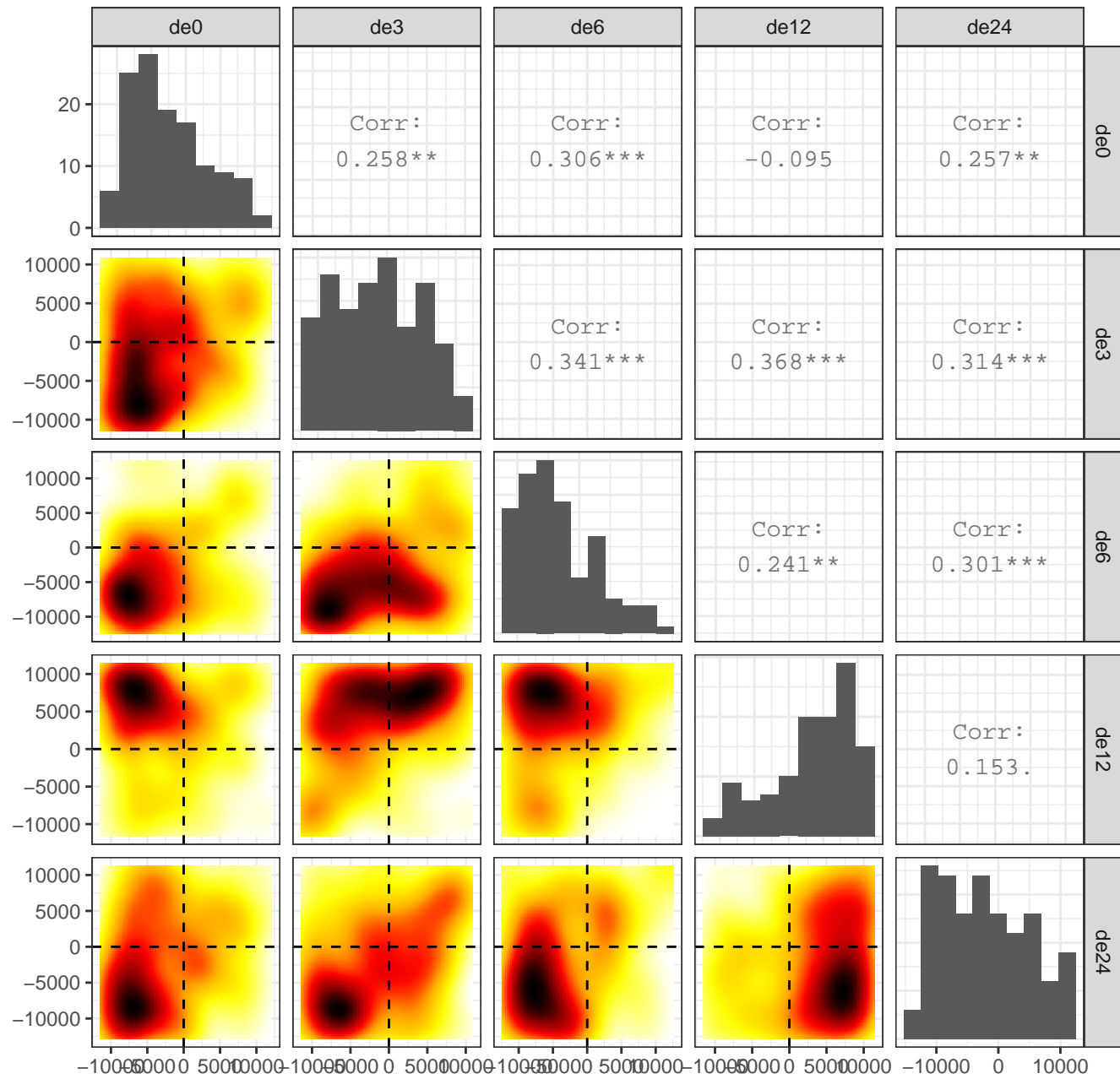
NOT_ASSIGNED_NO_ONTOLOGY_DC1_DOMAIN_CONTAINING_PROTEIN



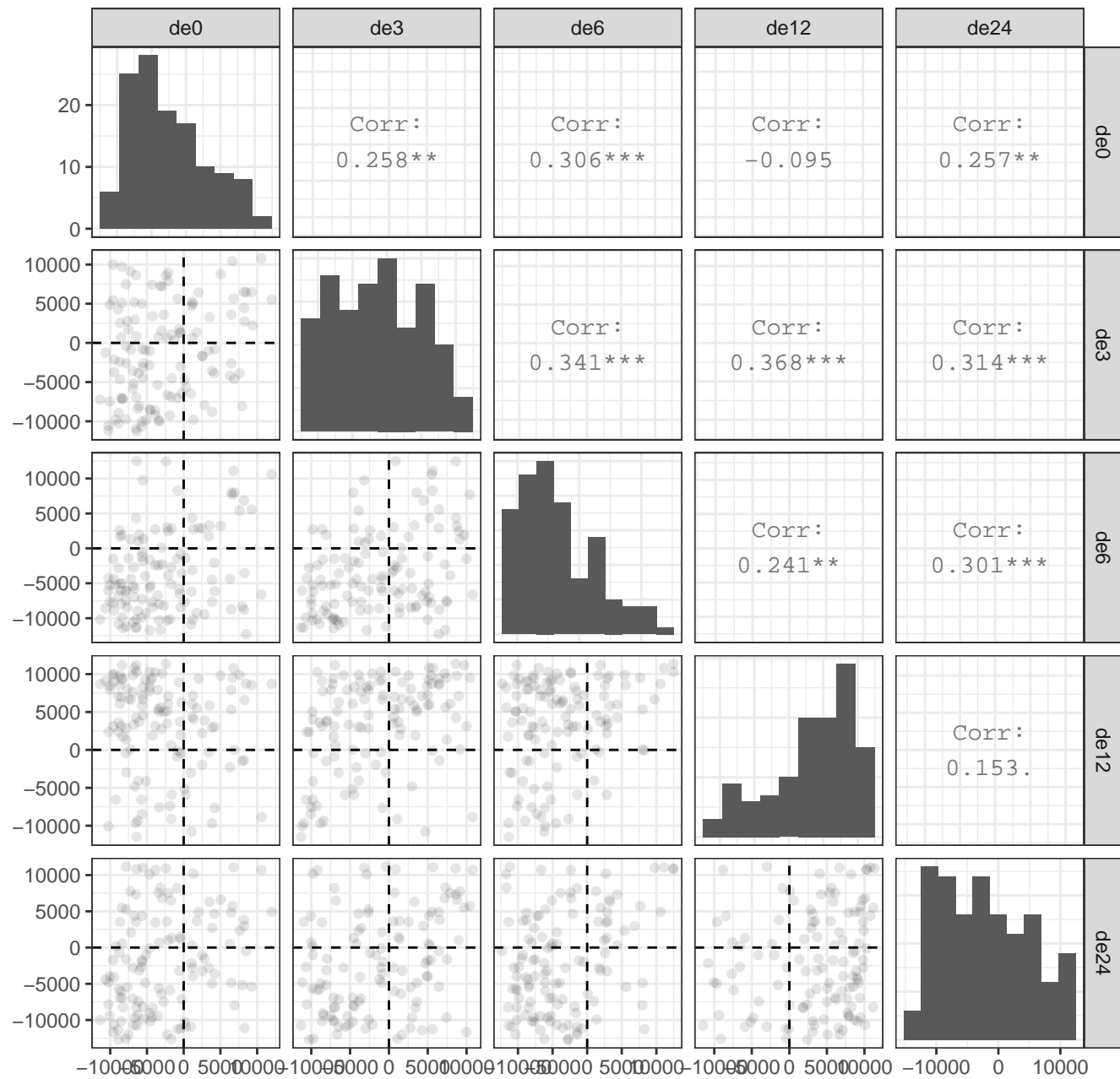
NOT_ASSIGNED_NO_ONTOLOGY_DC1_DOM



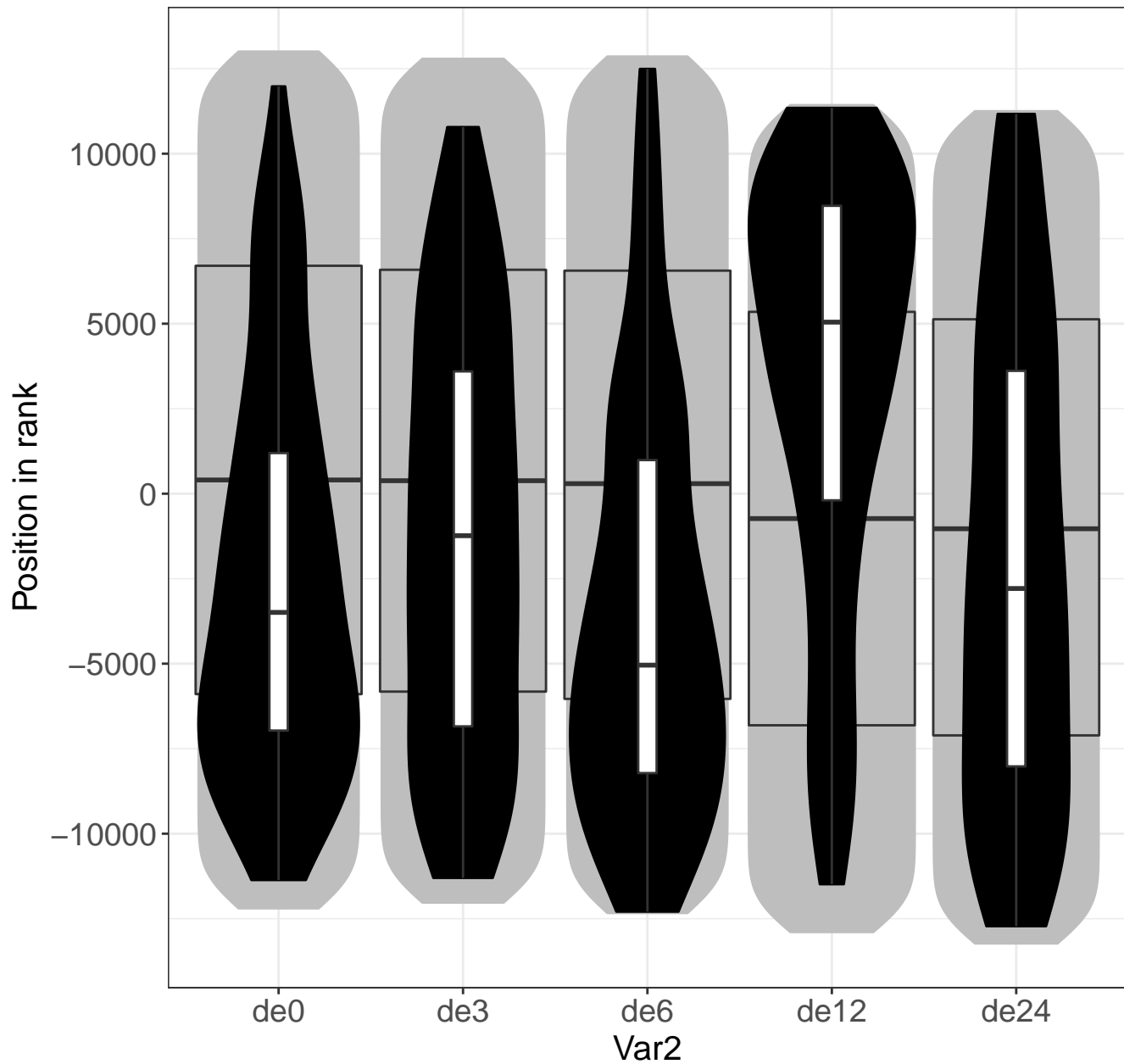
STRESS_BIOTIC_PR-PROTEINS



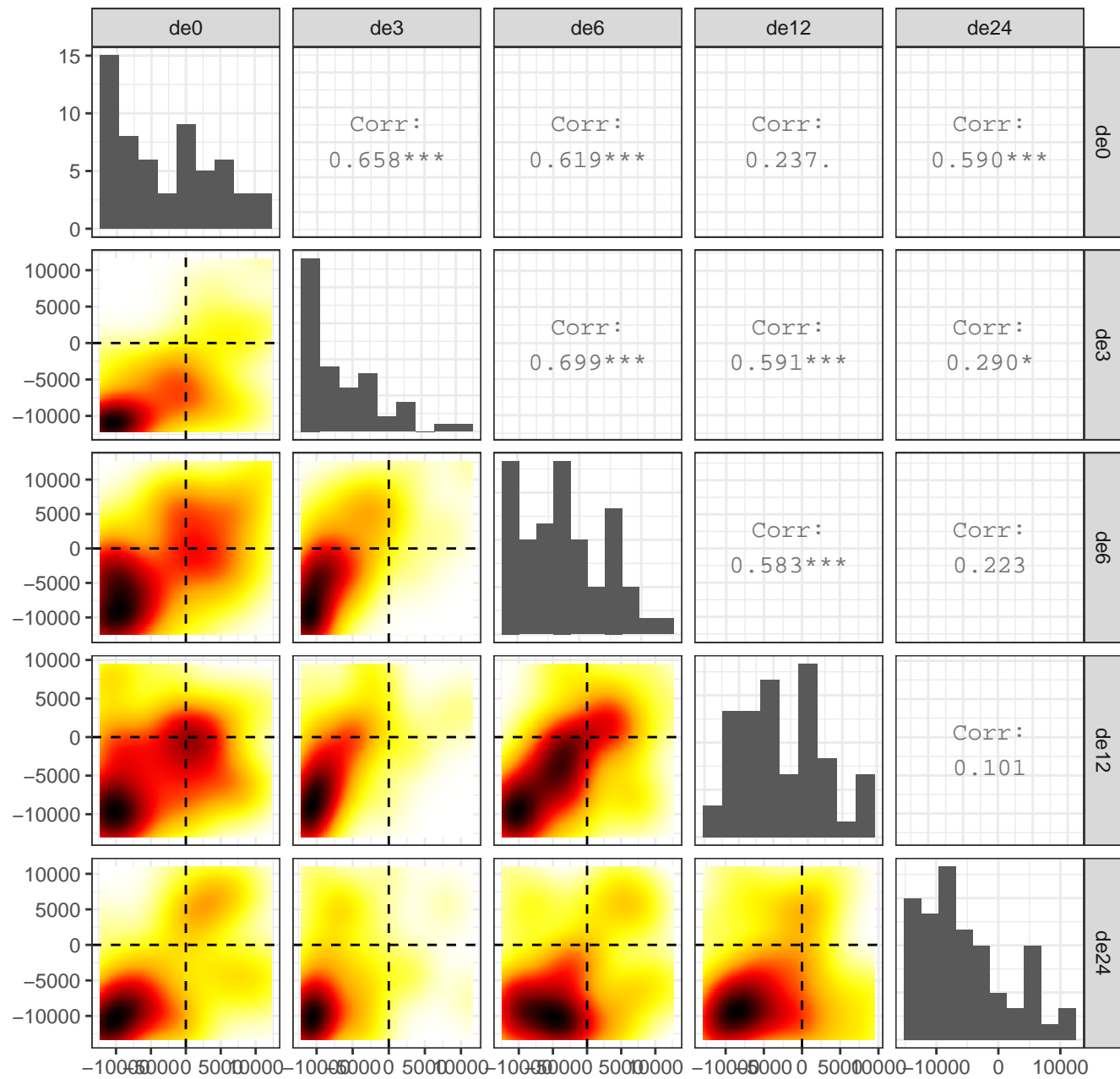
STRESS_BIOTIC_PR-PROTEINS



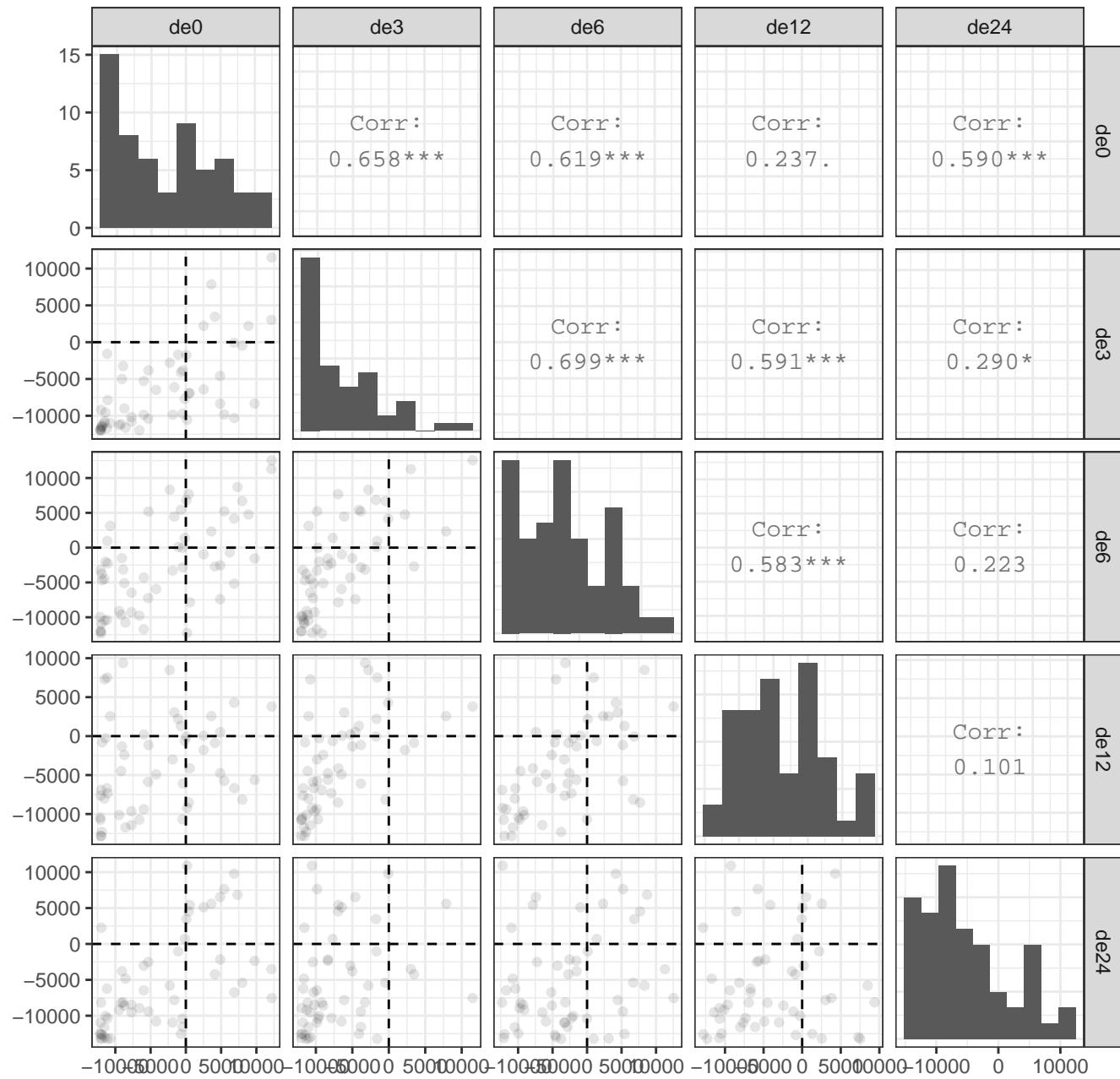
STRESS_BIOTIC_PR-PROTEINS



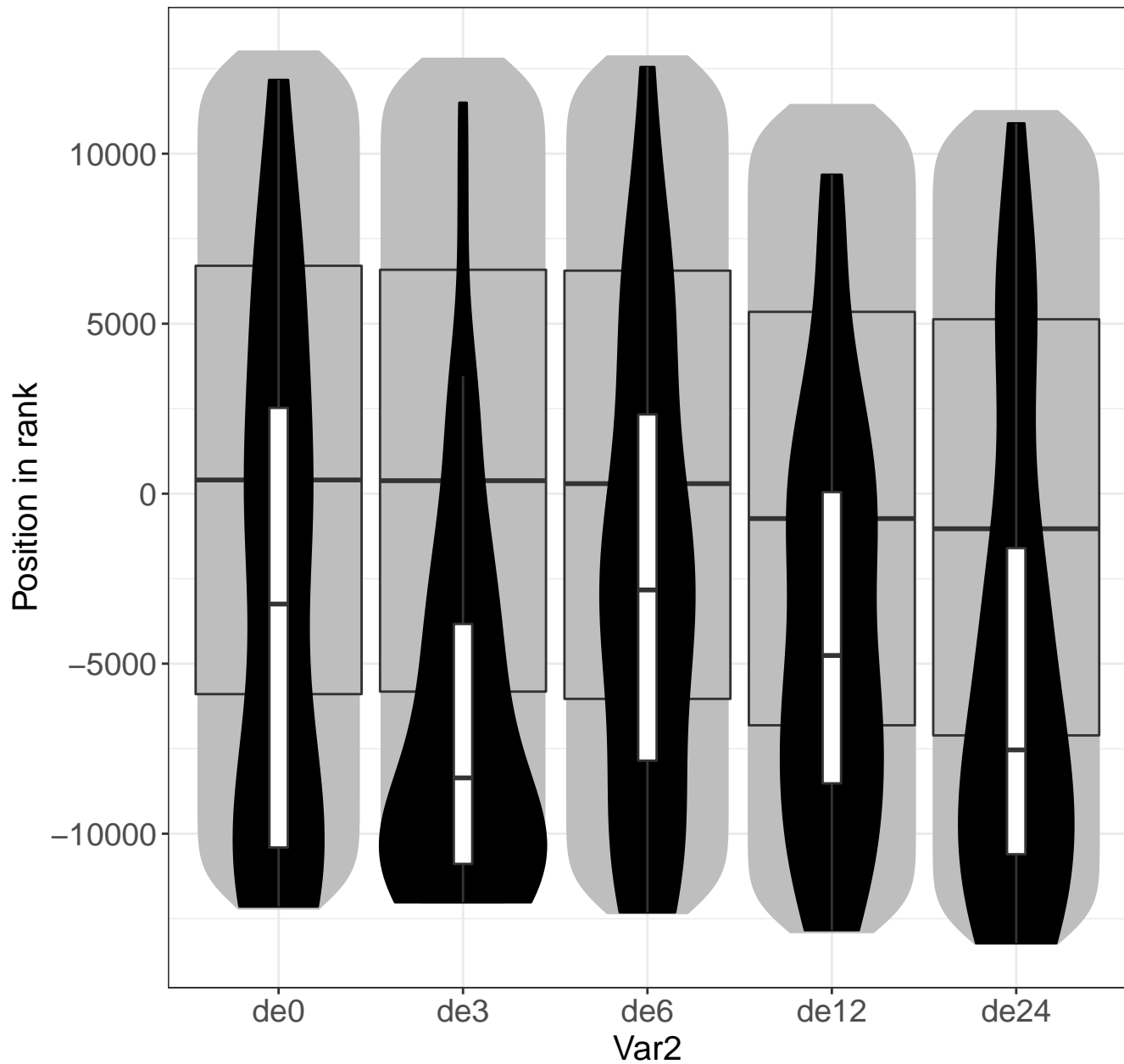
NOT_ASSIGNED_NO_ONTOLOGY_GLYCINE_RICH_PROTEINS



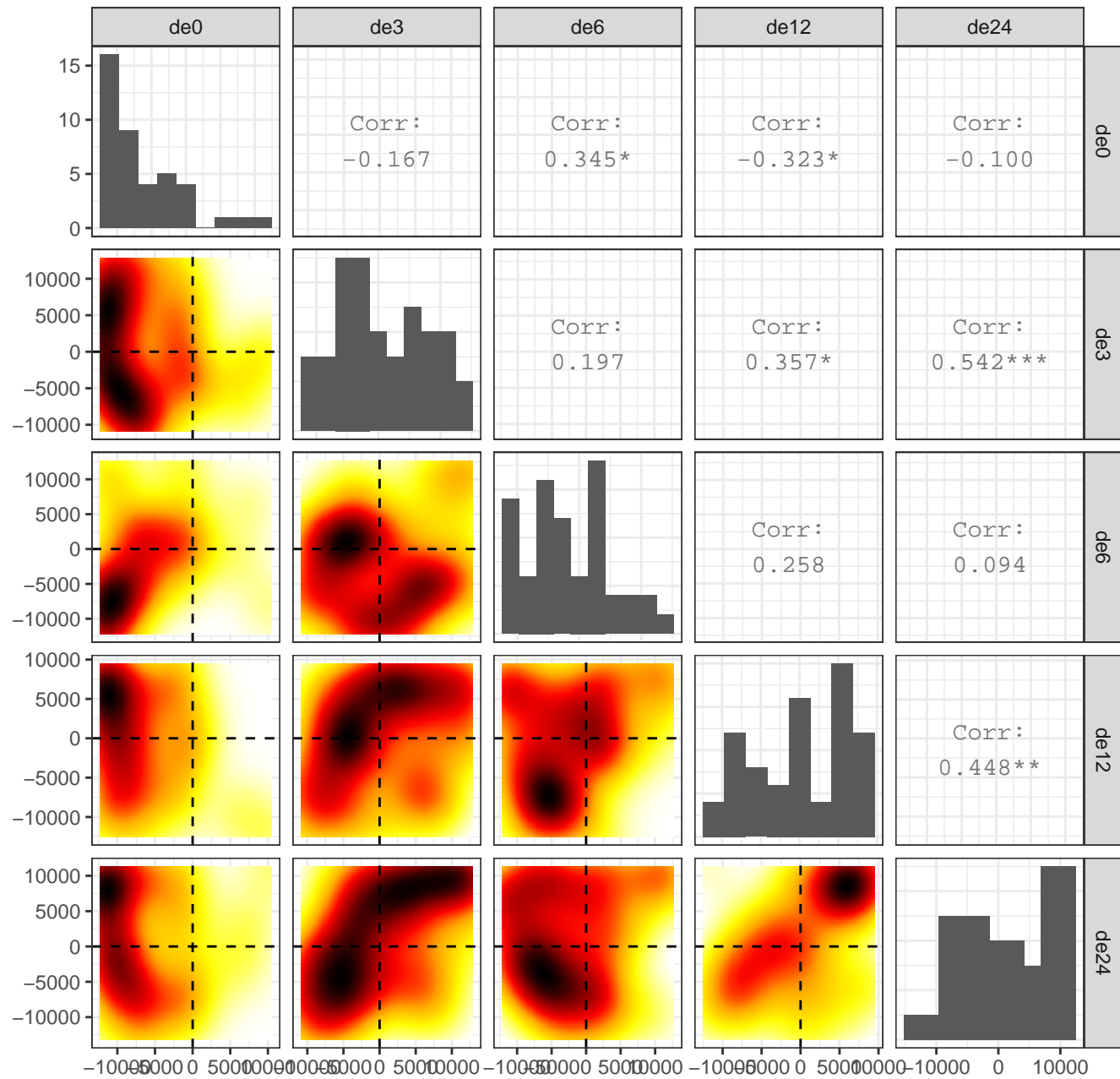
NOT_ASSIGNED_NO_ONTOLOGY_GLYCINE_RICH_PROTEINS



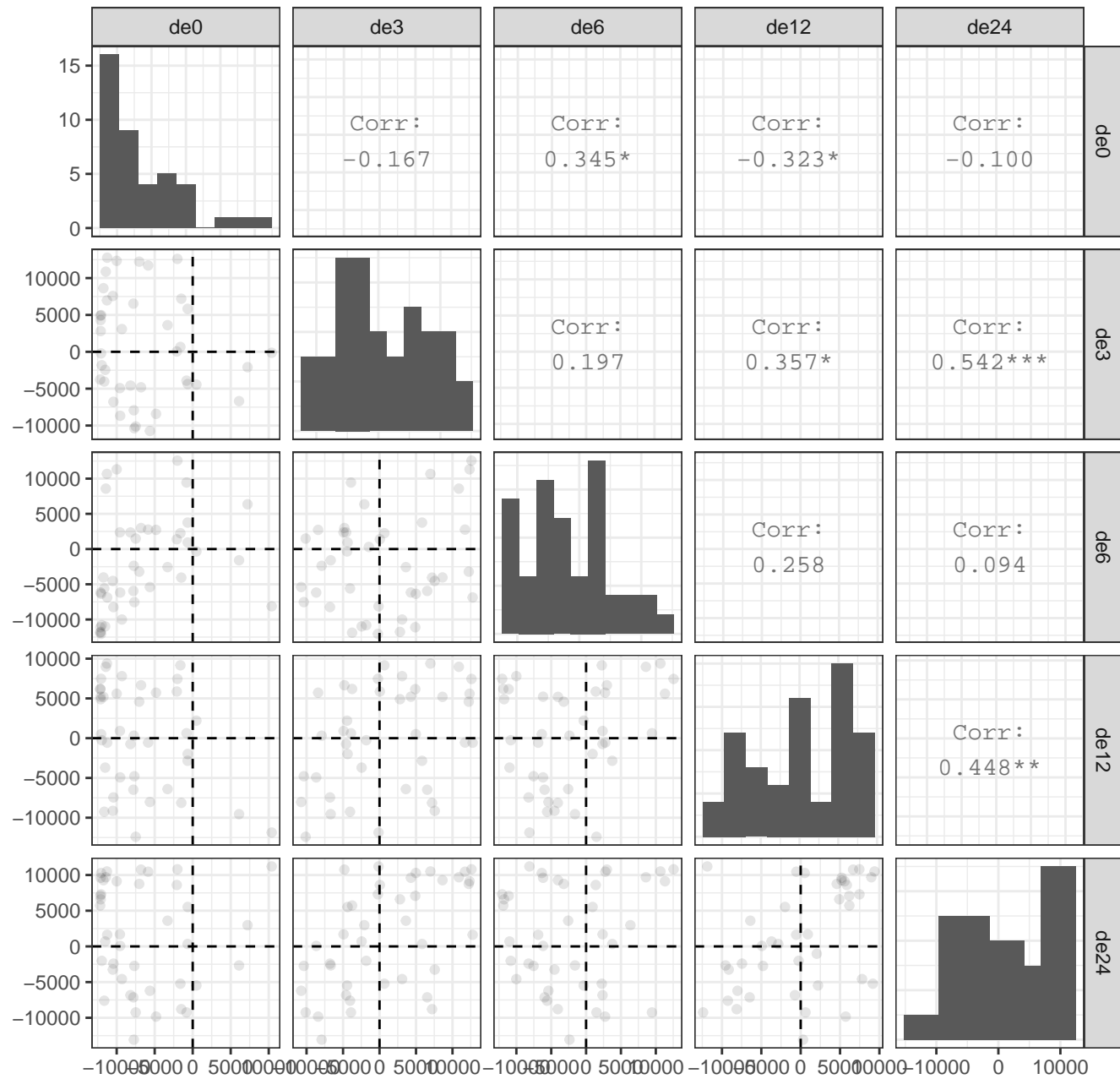
NOT_ASSIGNED_NO_ONTOLOGY_GLYCINE_



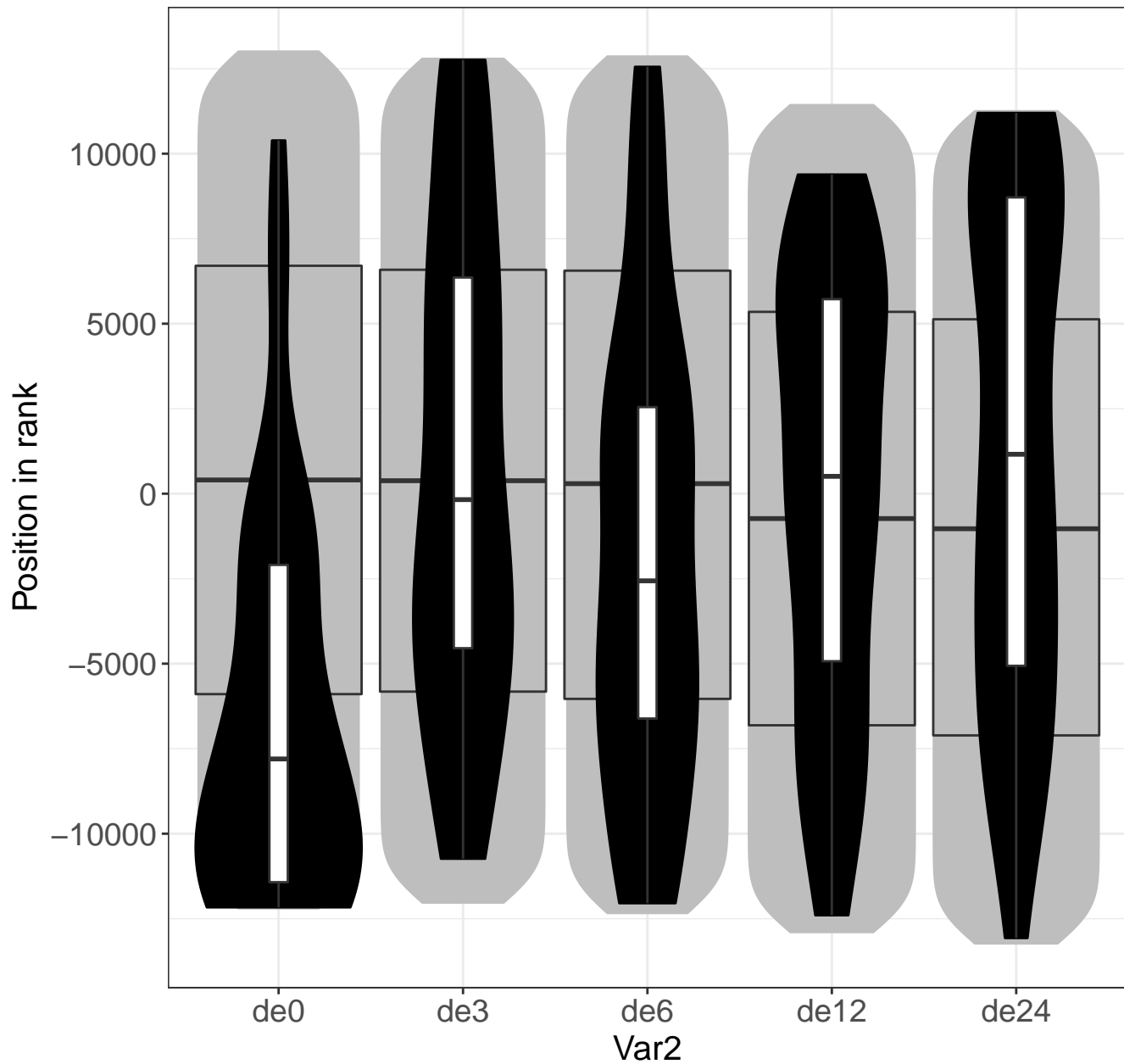
NOT_ASSIGNED_NO_ONTOLOGY_PROLINE_RICH_FAMILY



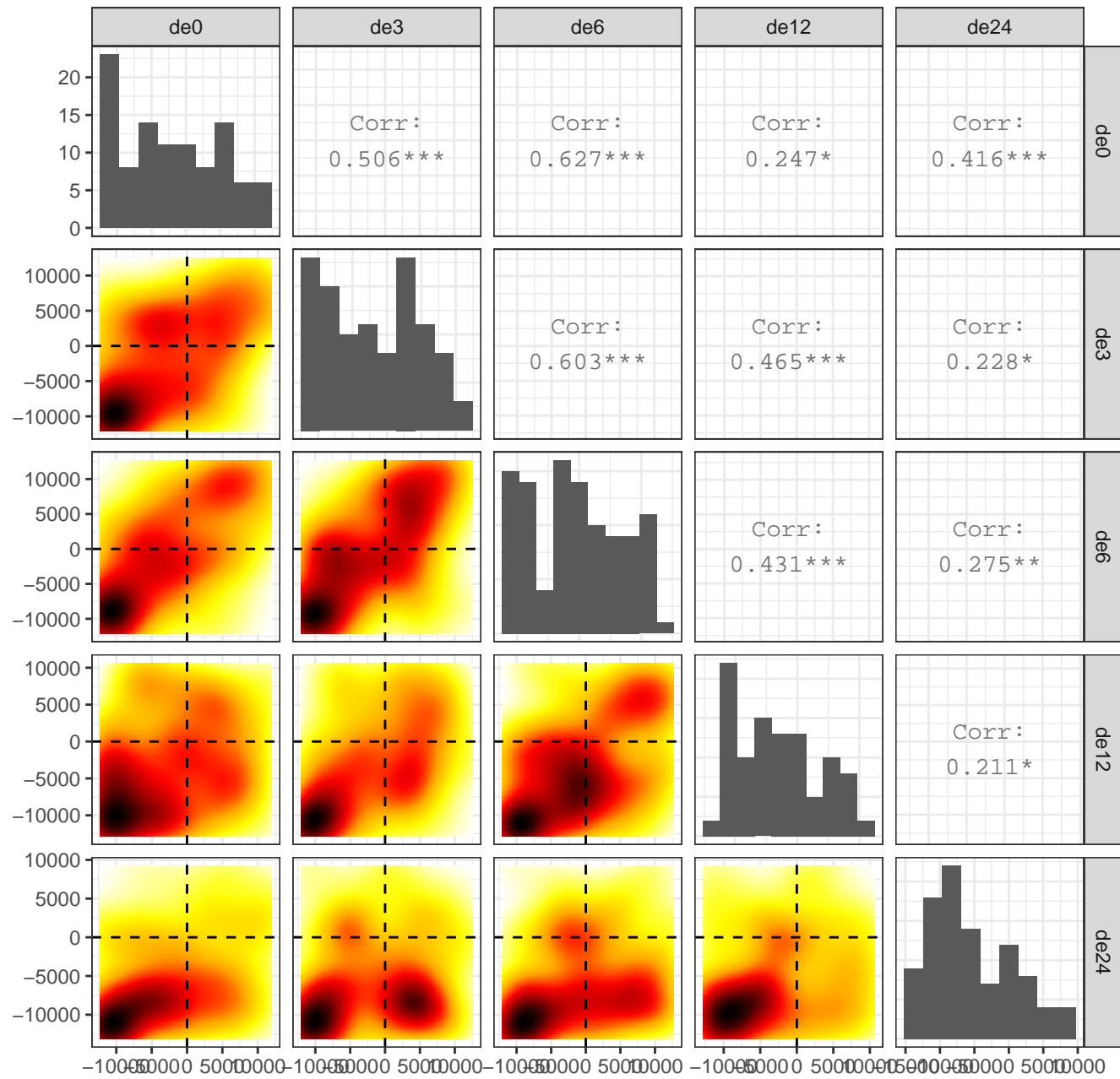
NOT_ASSIGNED_NO_ONTOLOGY_PROLINE_RICH_FAMILY



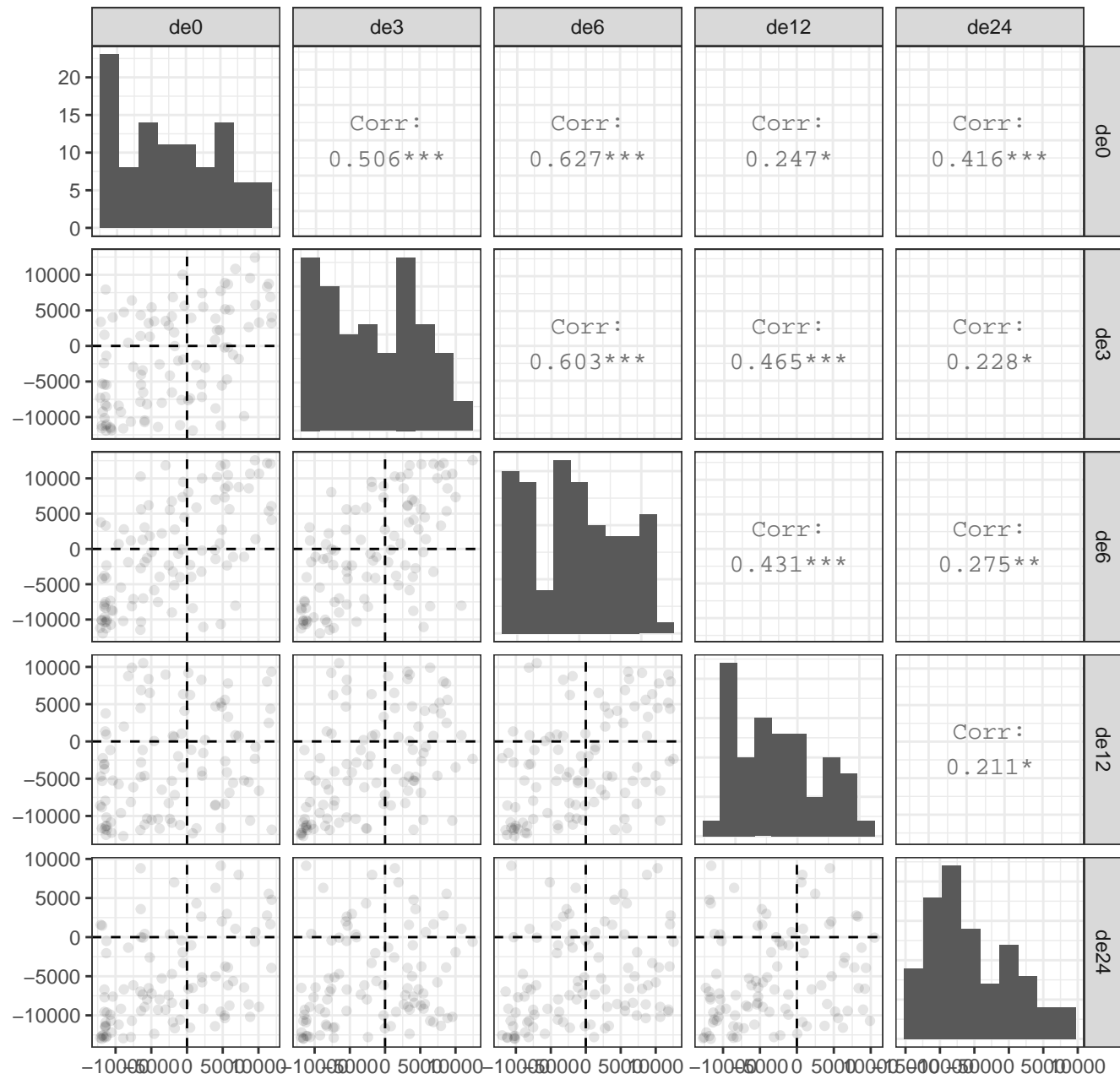
NOT_ASSIGNED_NO_ONTOLOGY_PROLINE_



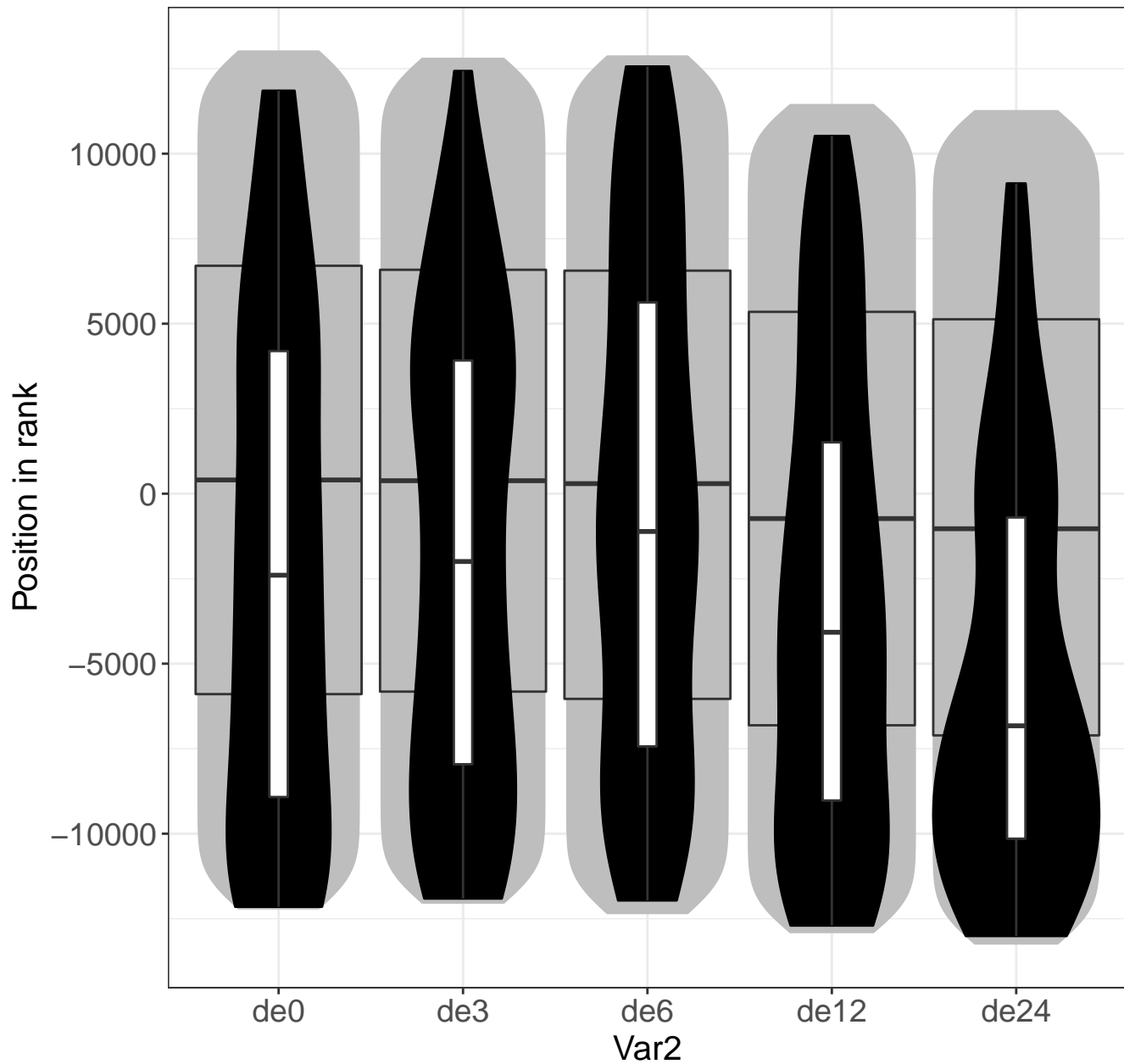
RNA_RNA_BINDING



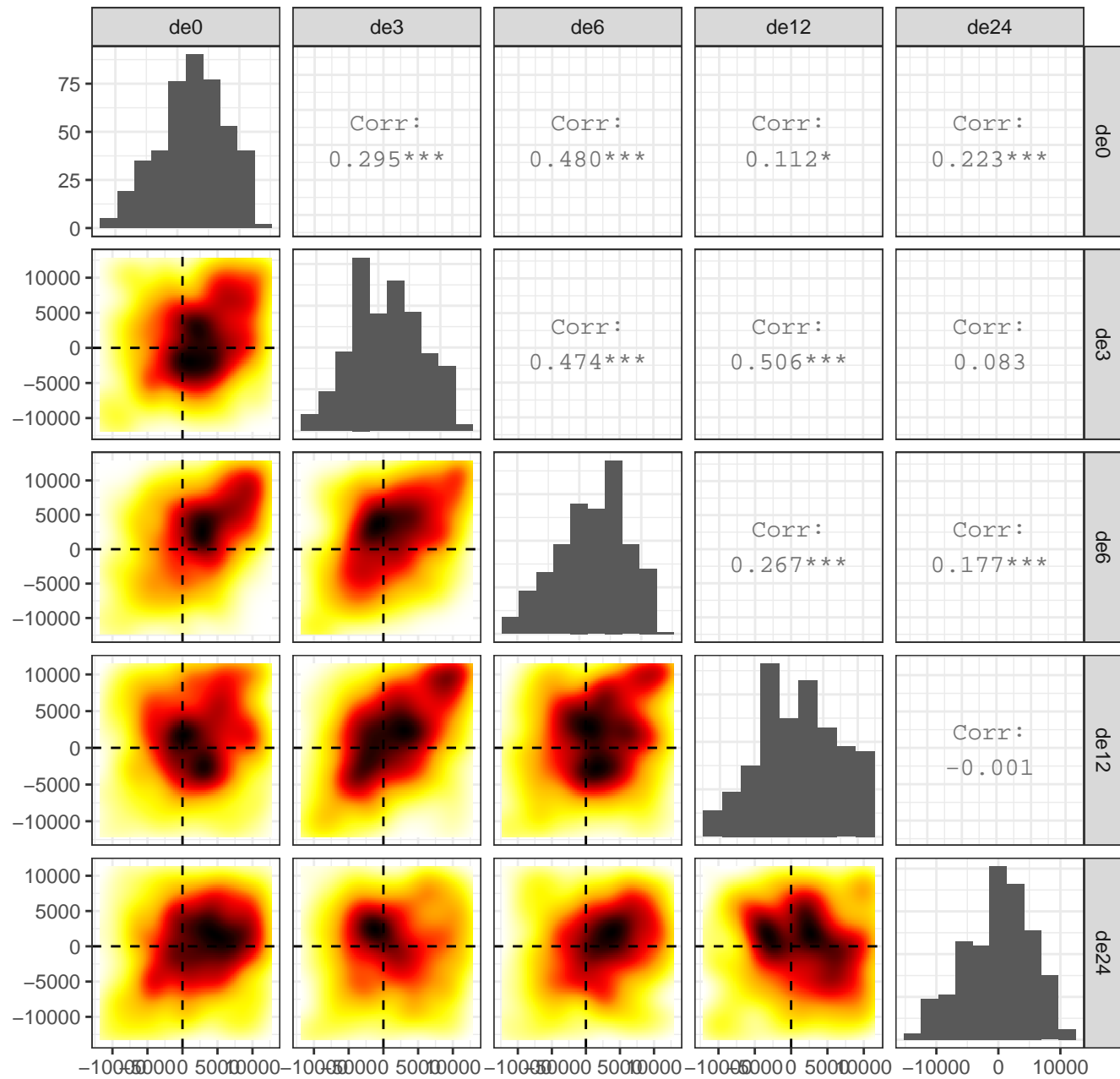
RNA_RNA_BINDING



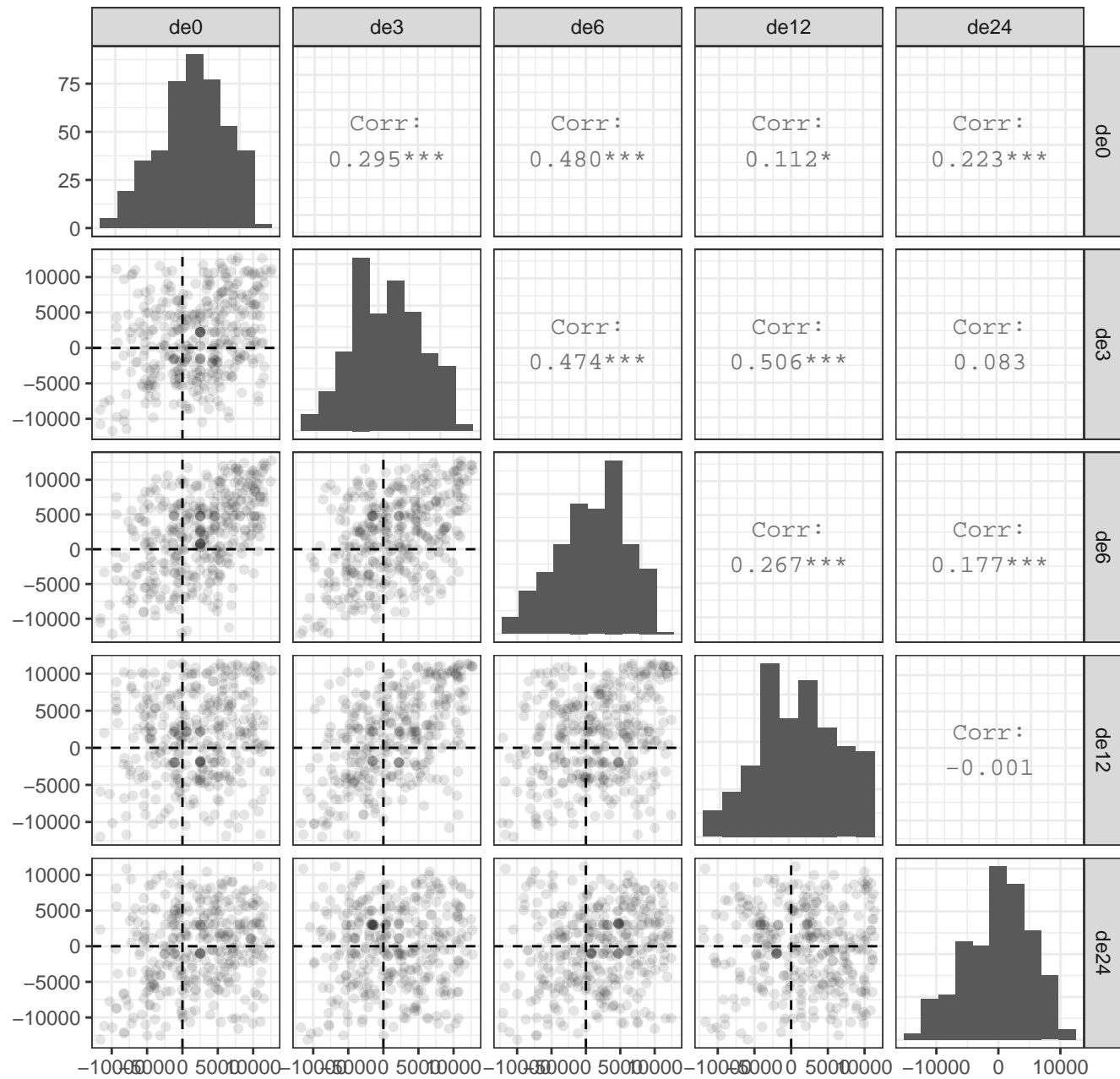
RNA_RNA_BINDING



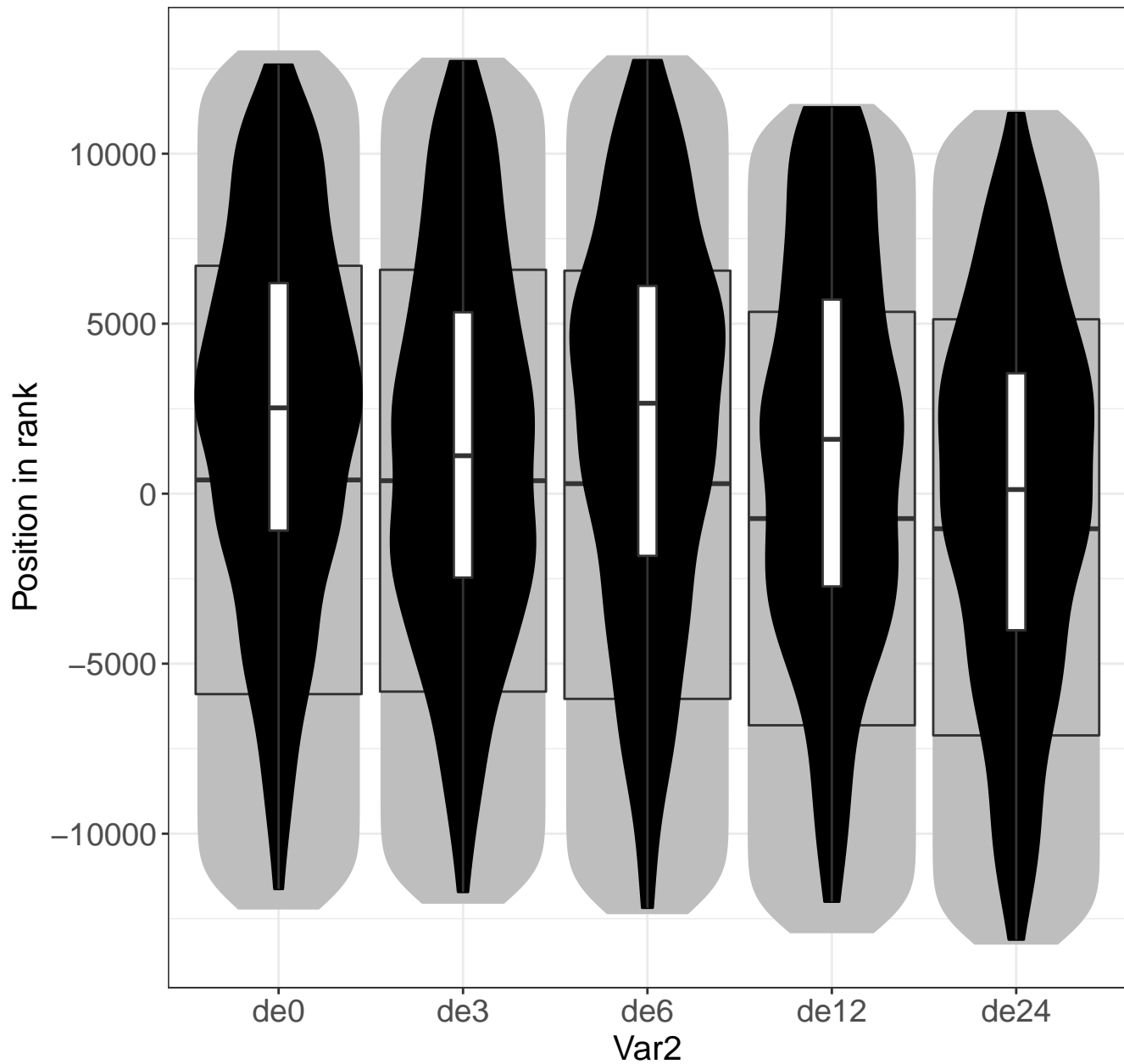
PROTEIN_DEGRADATION_UBIQUITIN_E3_SCF_FBOX



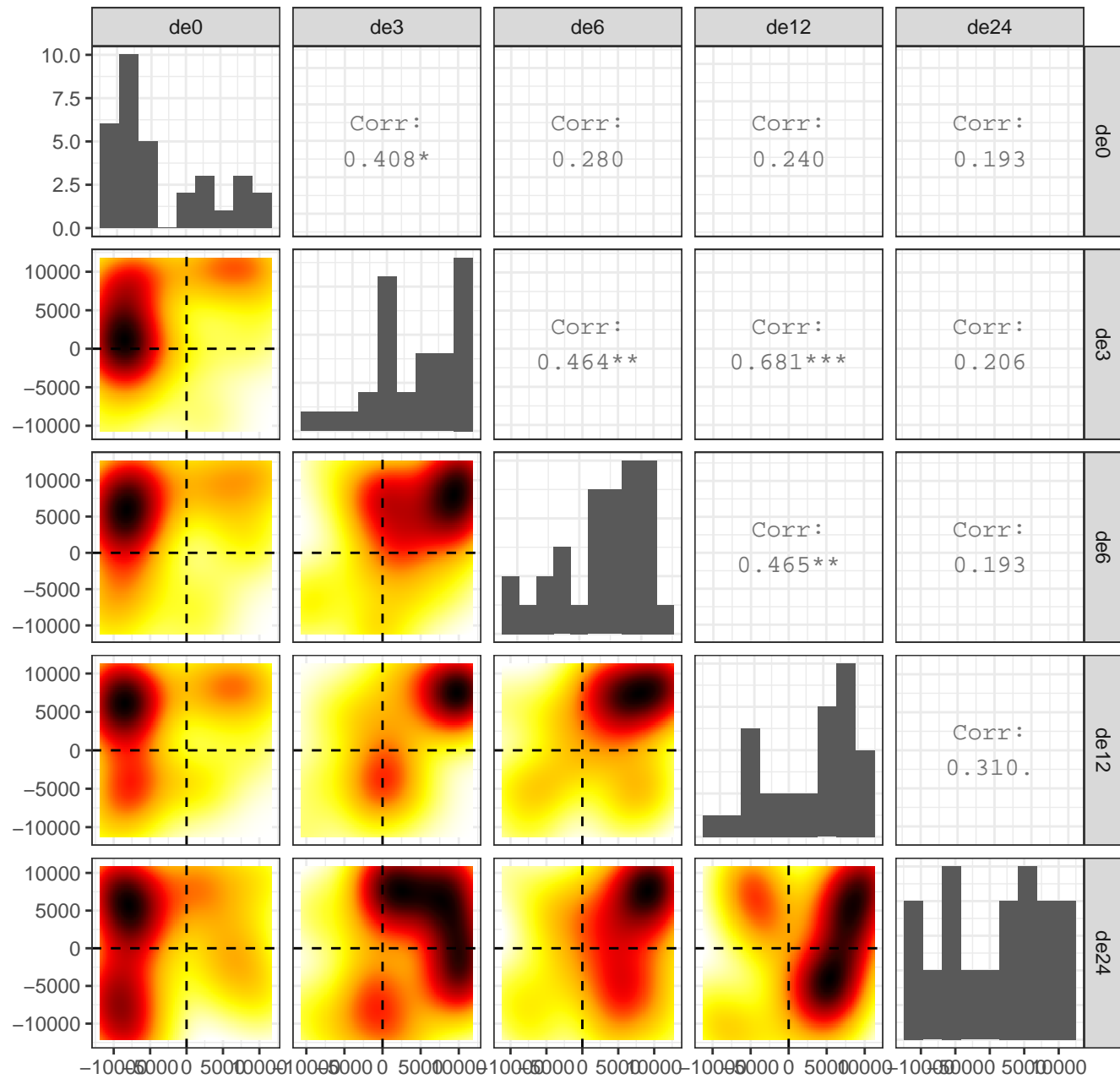
PROTEIN_DEGRADATION_UBIQUITIN_E3_SCF_FBOX



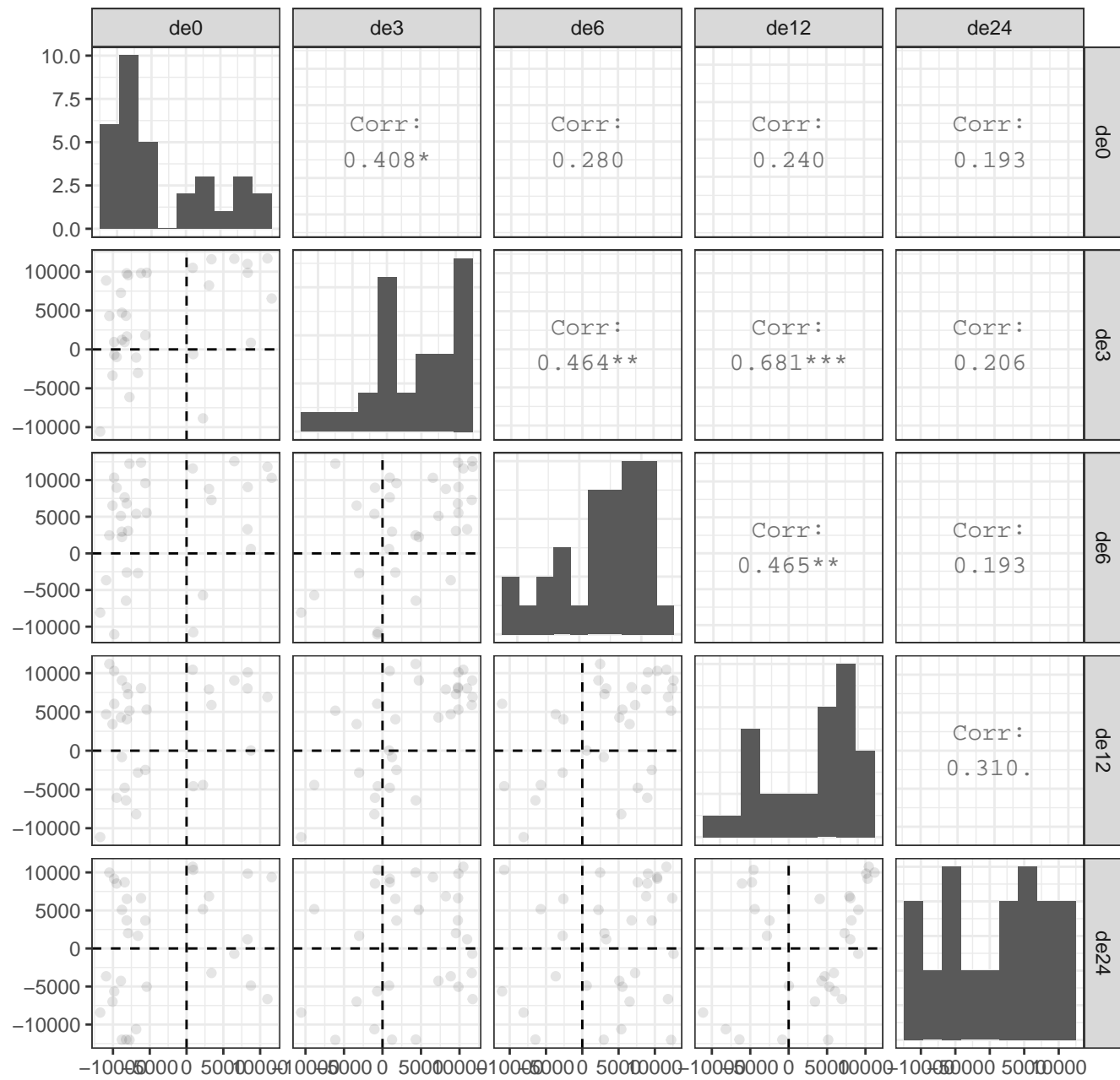
PROTEIN_DEGRADATION_UBIQUITIN_E3_SC



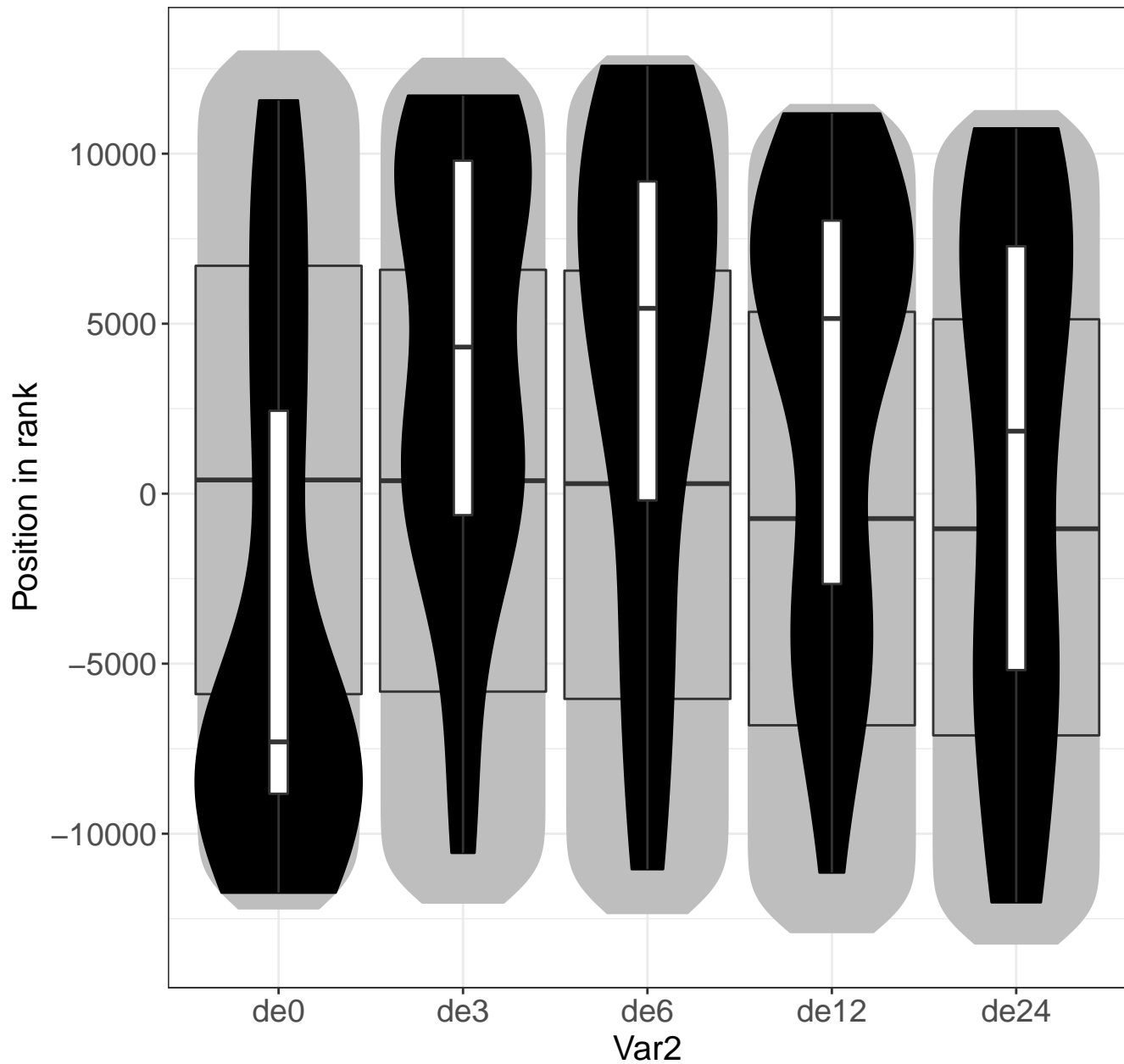
SIGNALLING_RECEPTOR_KINASES_LEUCINE_RICH_REPEAT_III



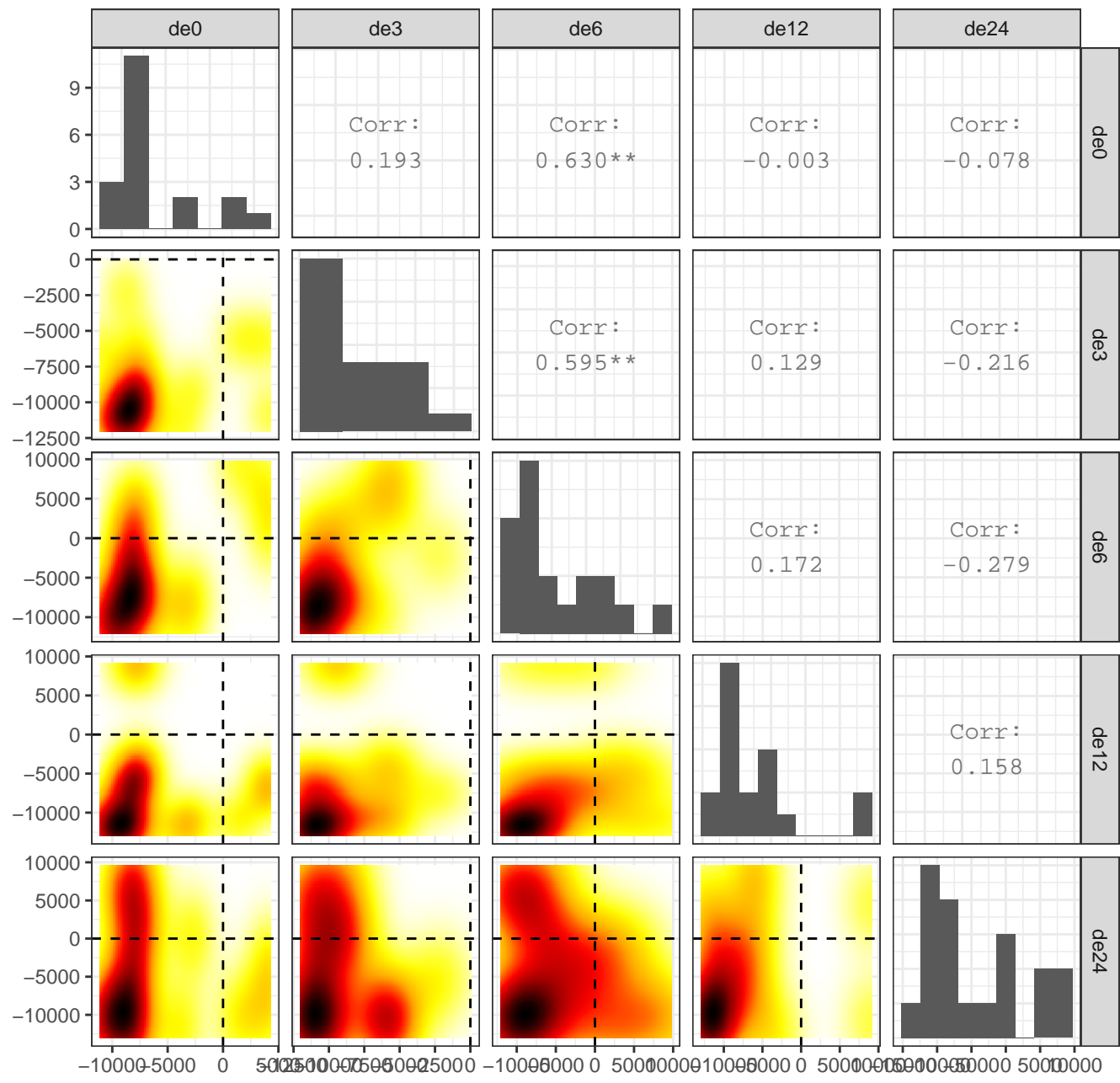
SIGNALLING_RECEPTOR_KINASES_LEUCINE_RICH_REPEAT_III



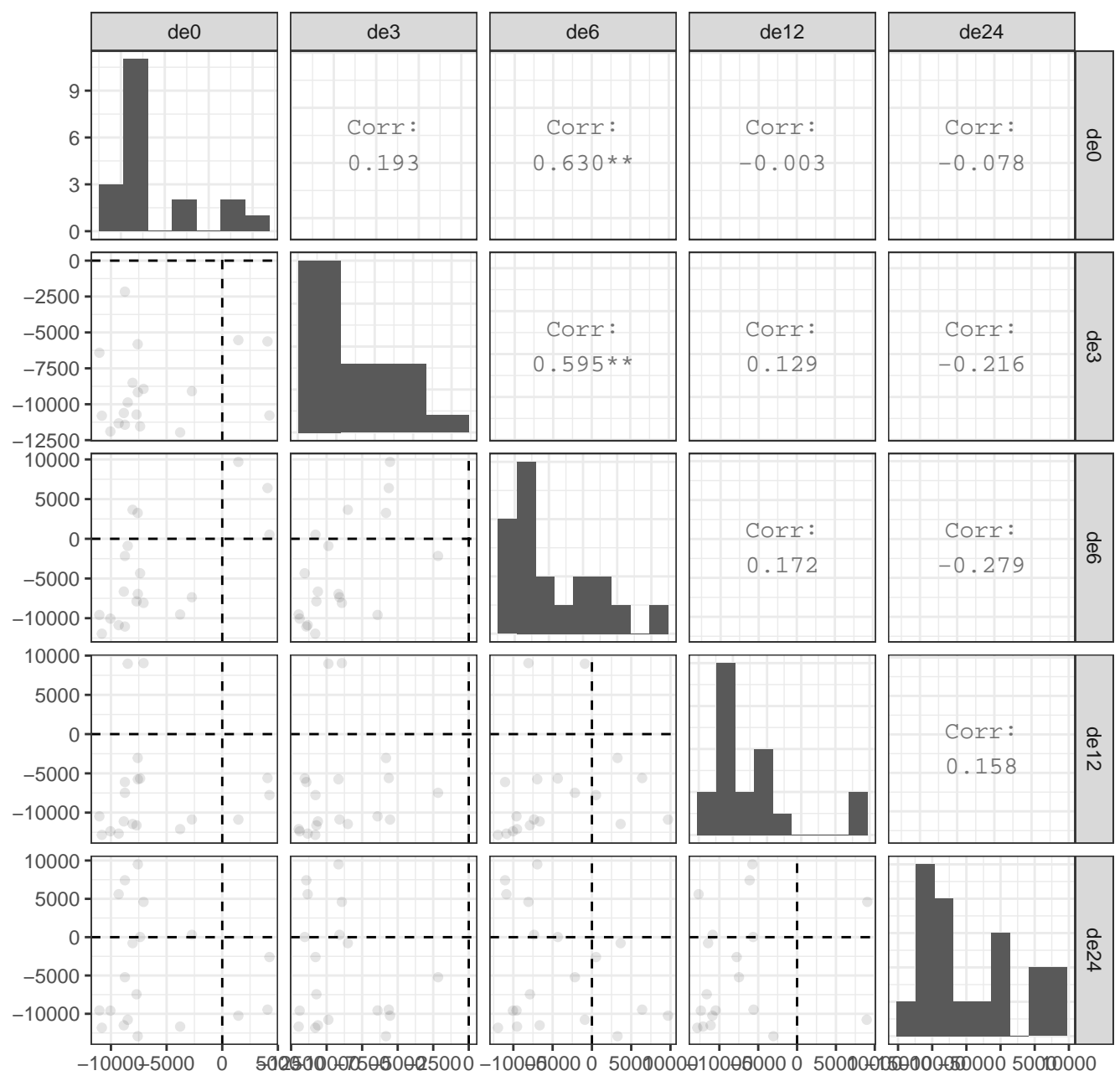
SIGNALLING_RECEPTOR_KINASES_LEUCINE



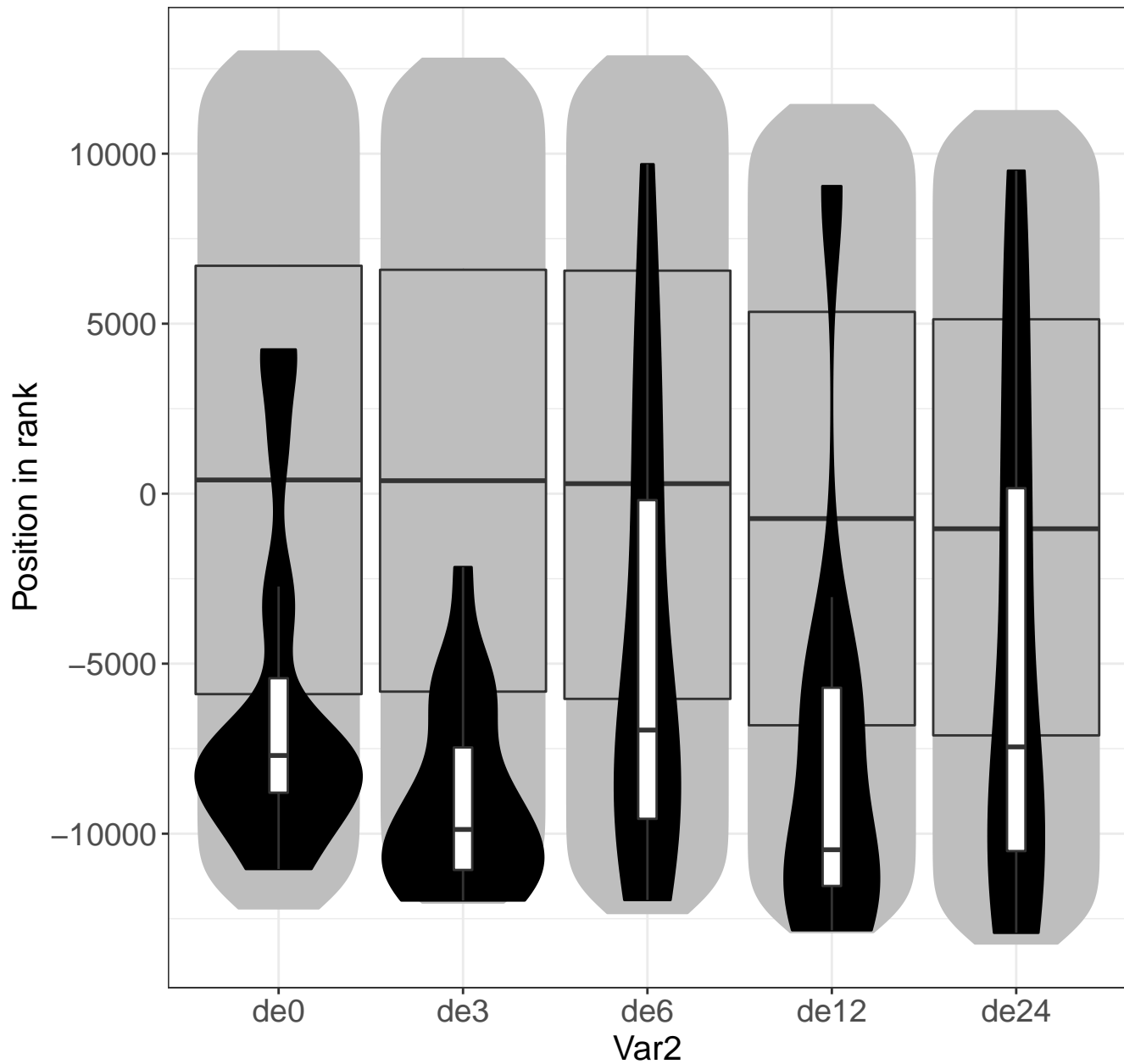
RNA_REGULATION_OF_TRANSCRIPTION_TRIHELIX,_TRIPLE-HELIX_TRAN



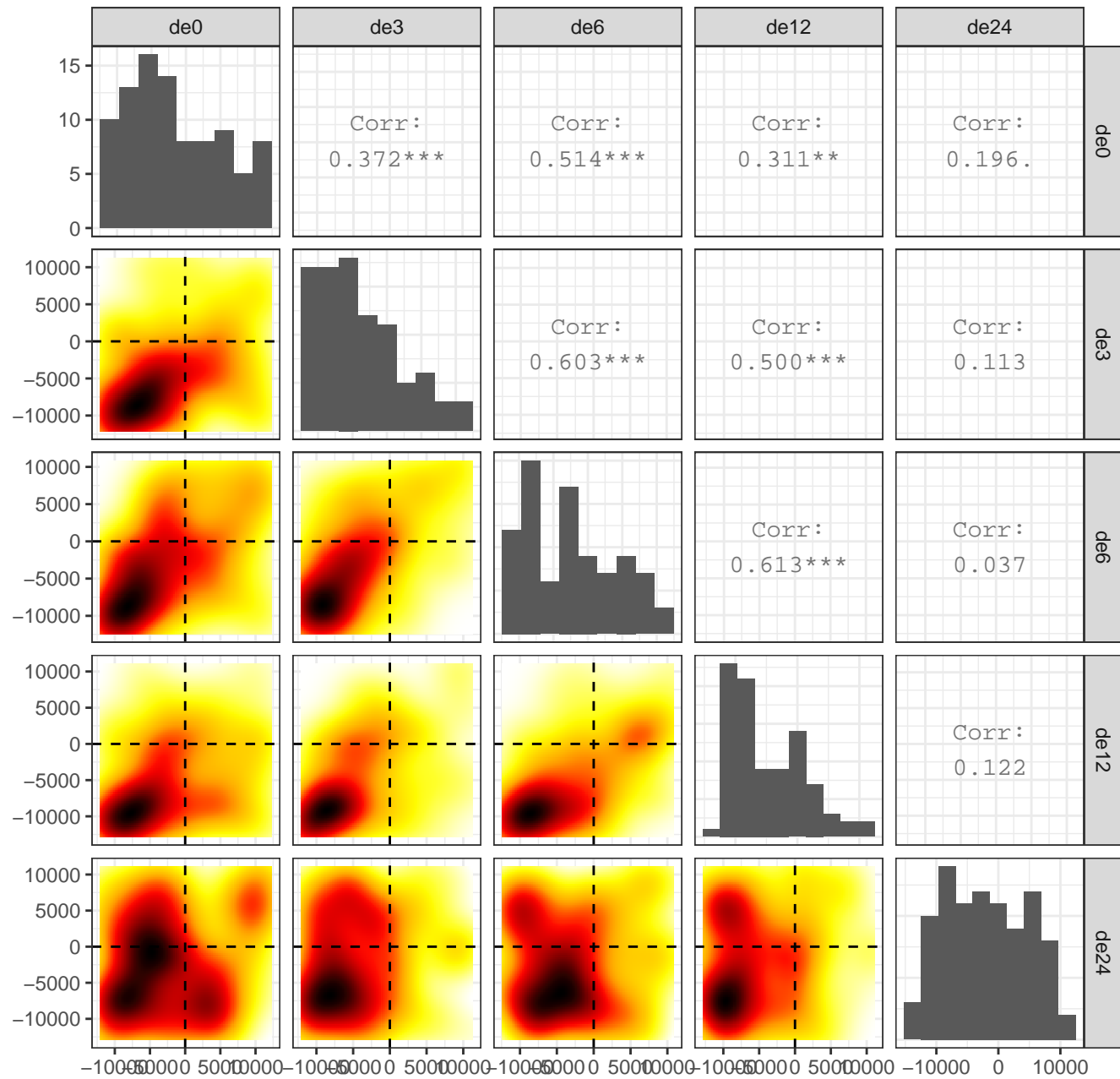
RNA_REGULATION_OF_TRANSCRIPTION_TRIHELIX,_TRIPLE-HELIX_TRAN



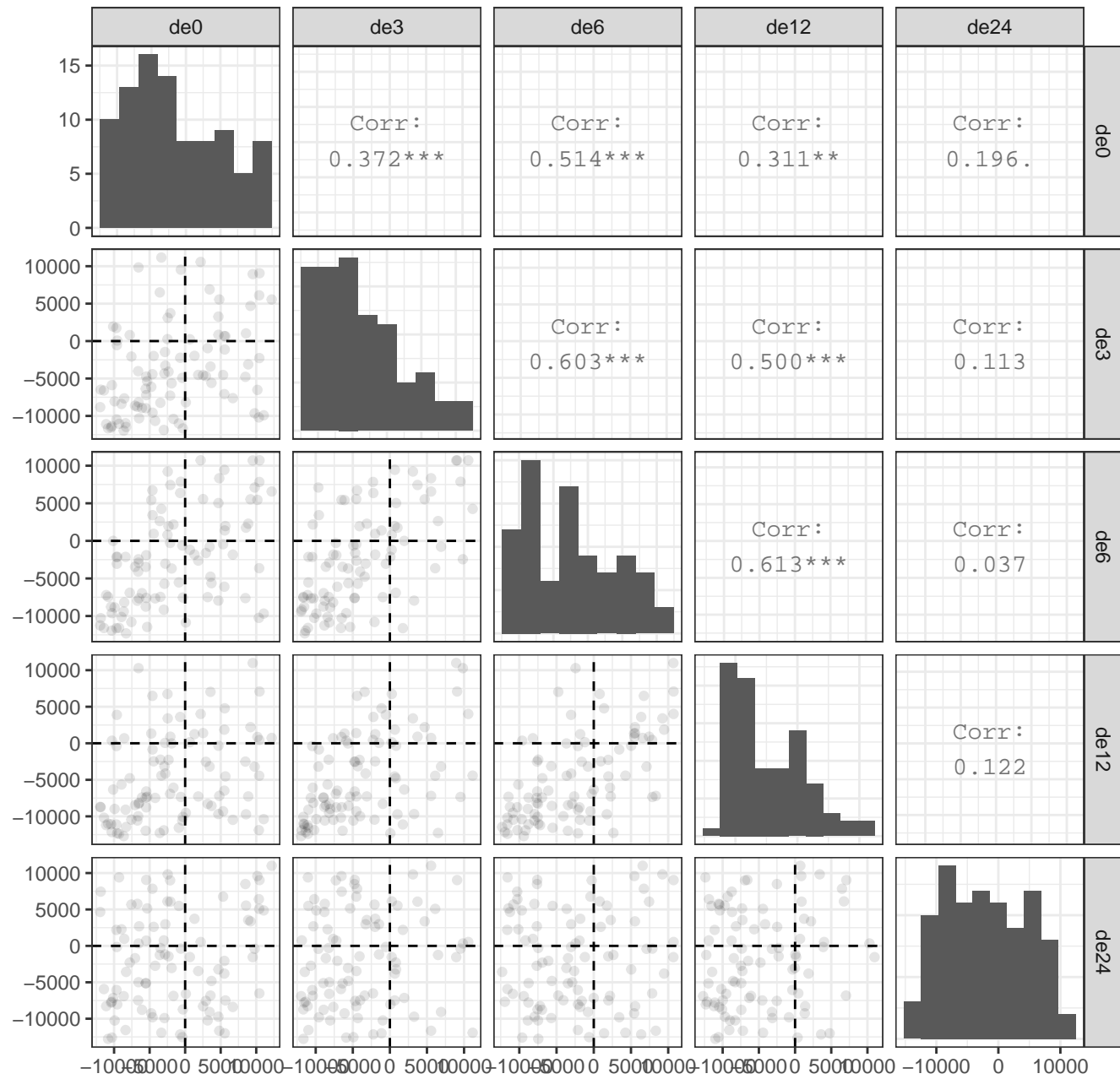
RNA_REGULATION_OF_TRANSCRIPTION_TR



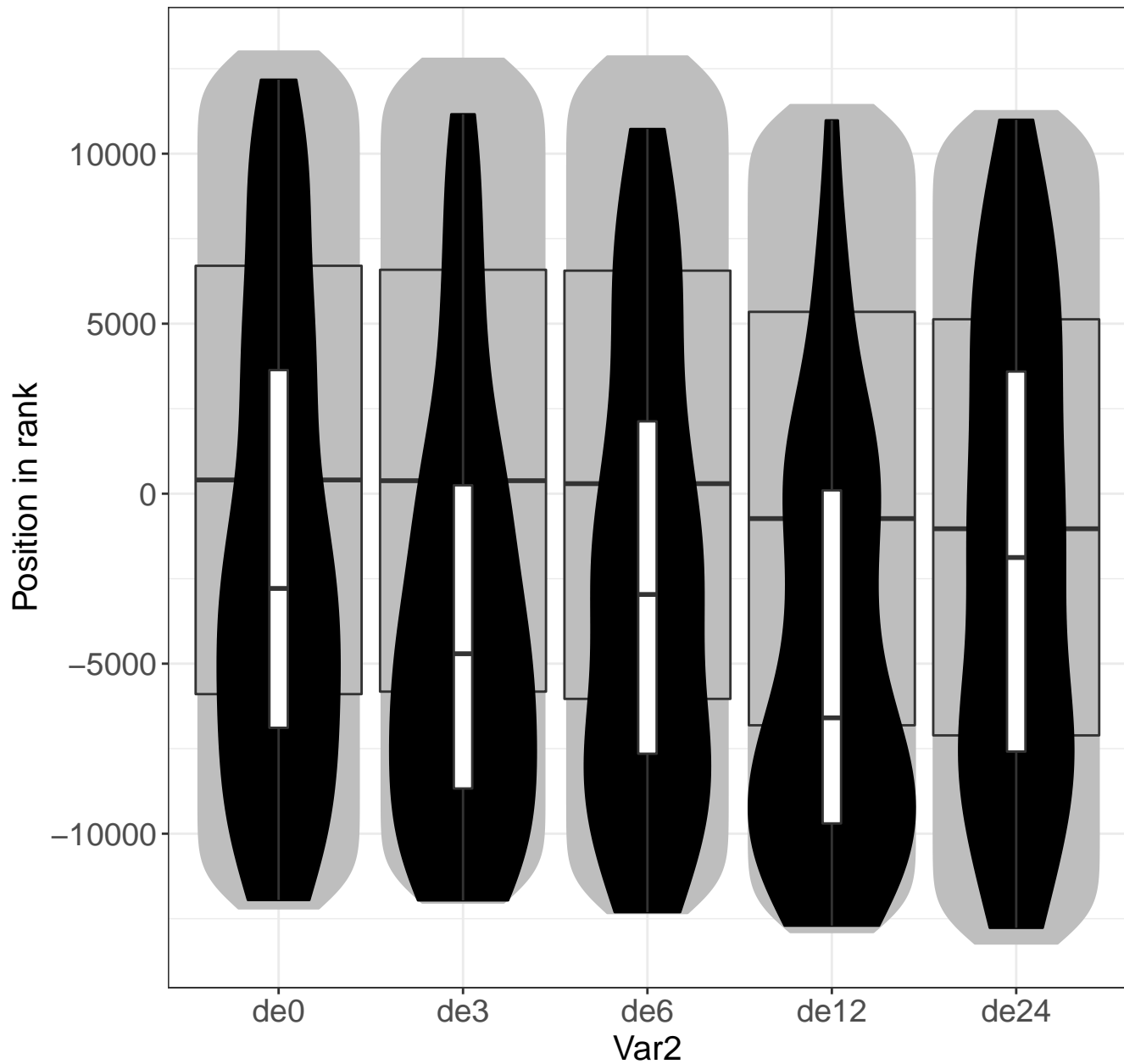
STRESS_ABIOTIC_HEAT



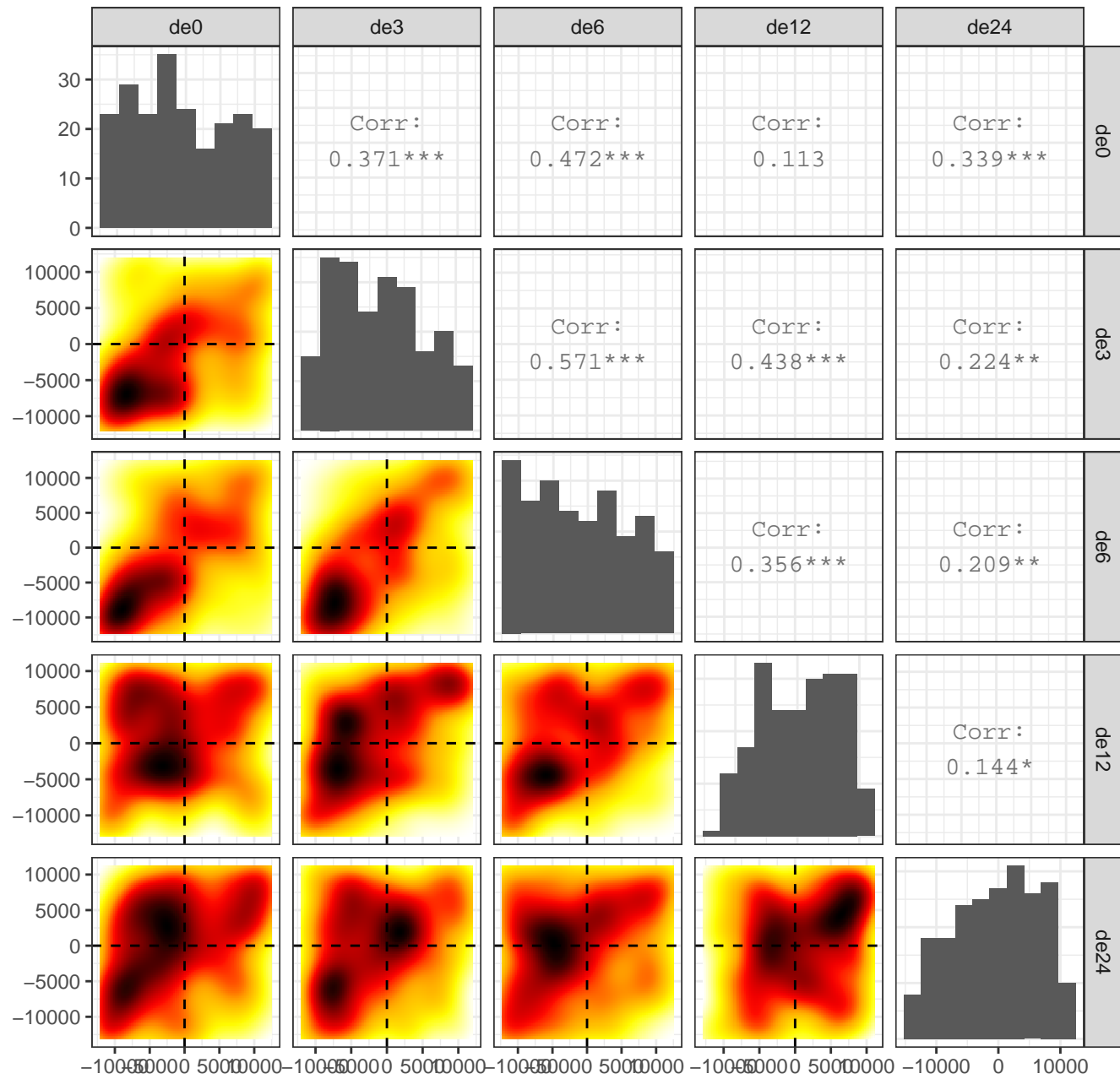
STRESS_ABIOTIC_HEAT



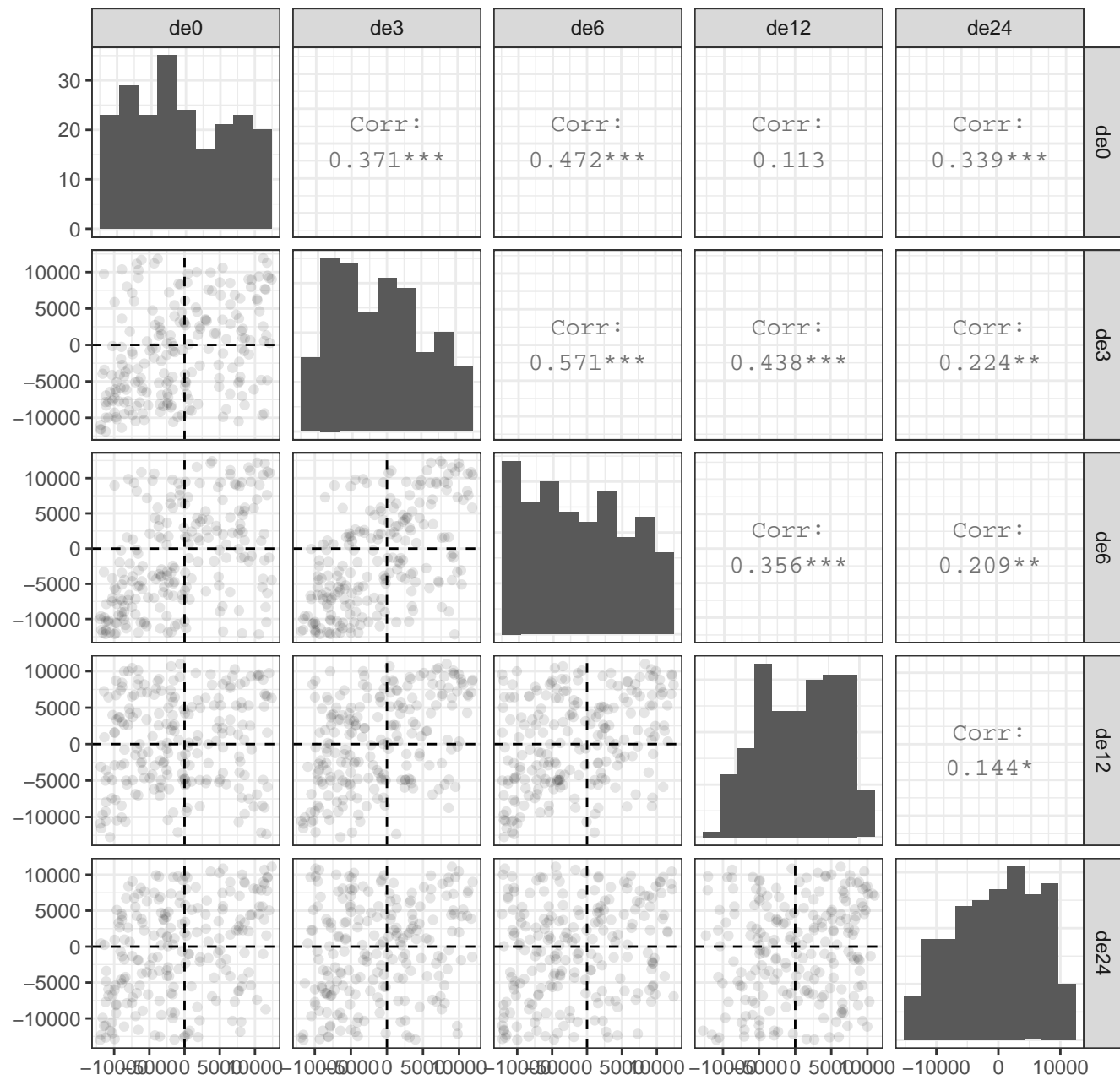
STRESS_ABIOTIC_HEAT



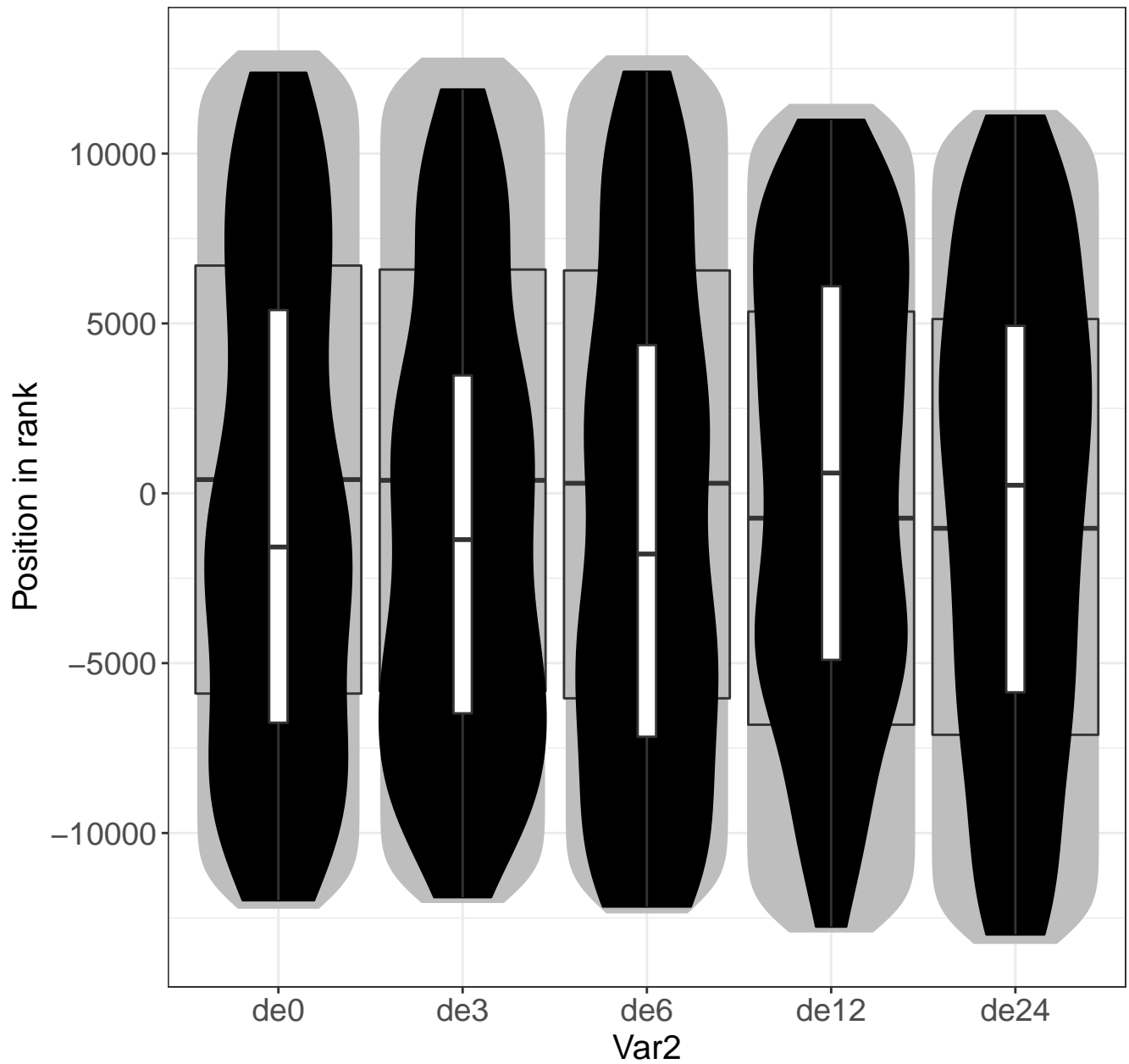
PROTEIN_POSTTRANSLATIONAL_MODIFICATION



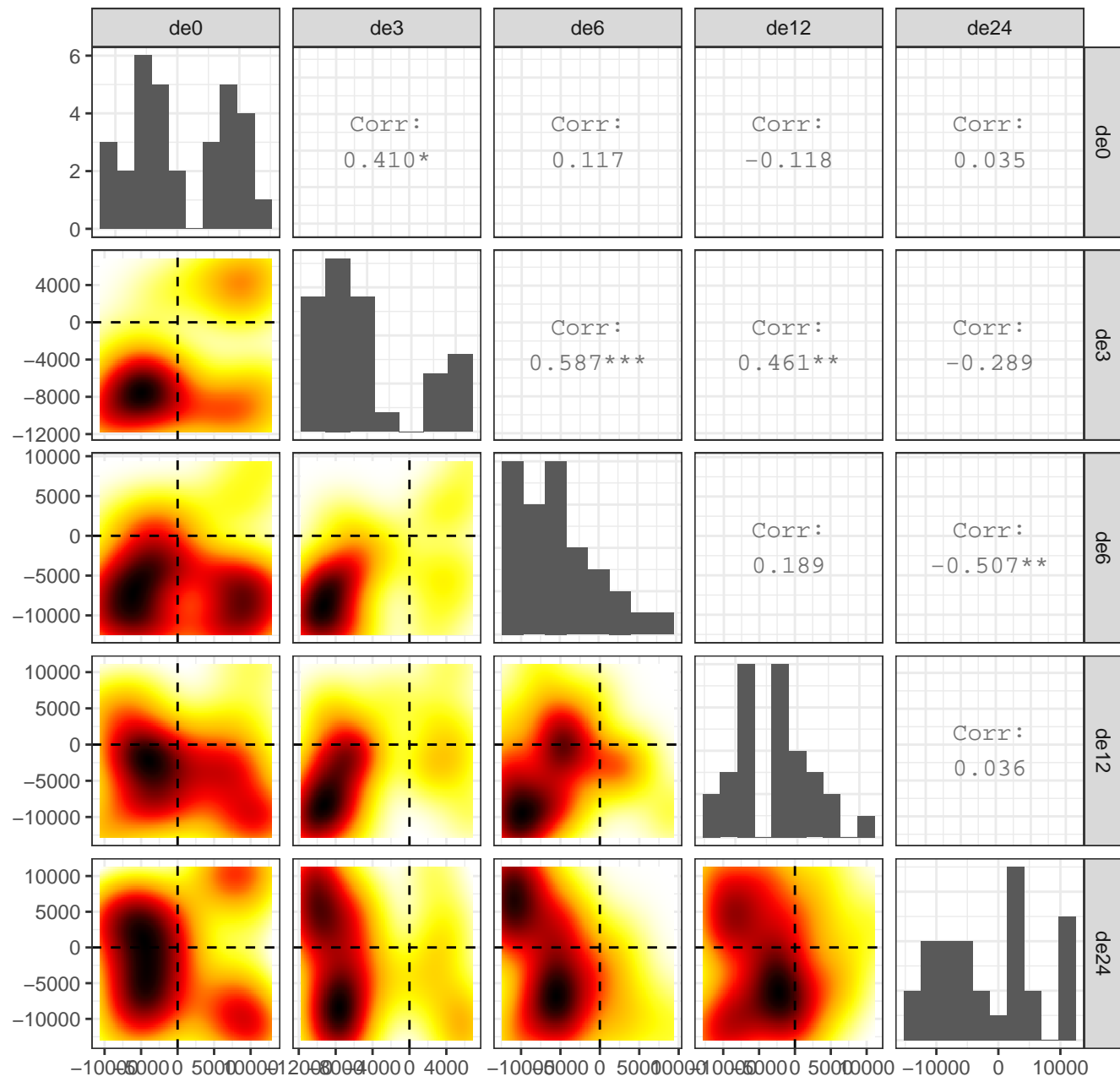
PROTEIN_POSTTRANSLATIONAL_MODIFICATION



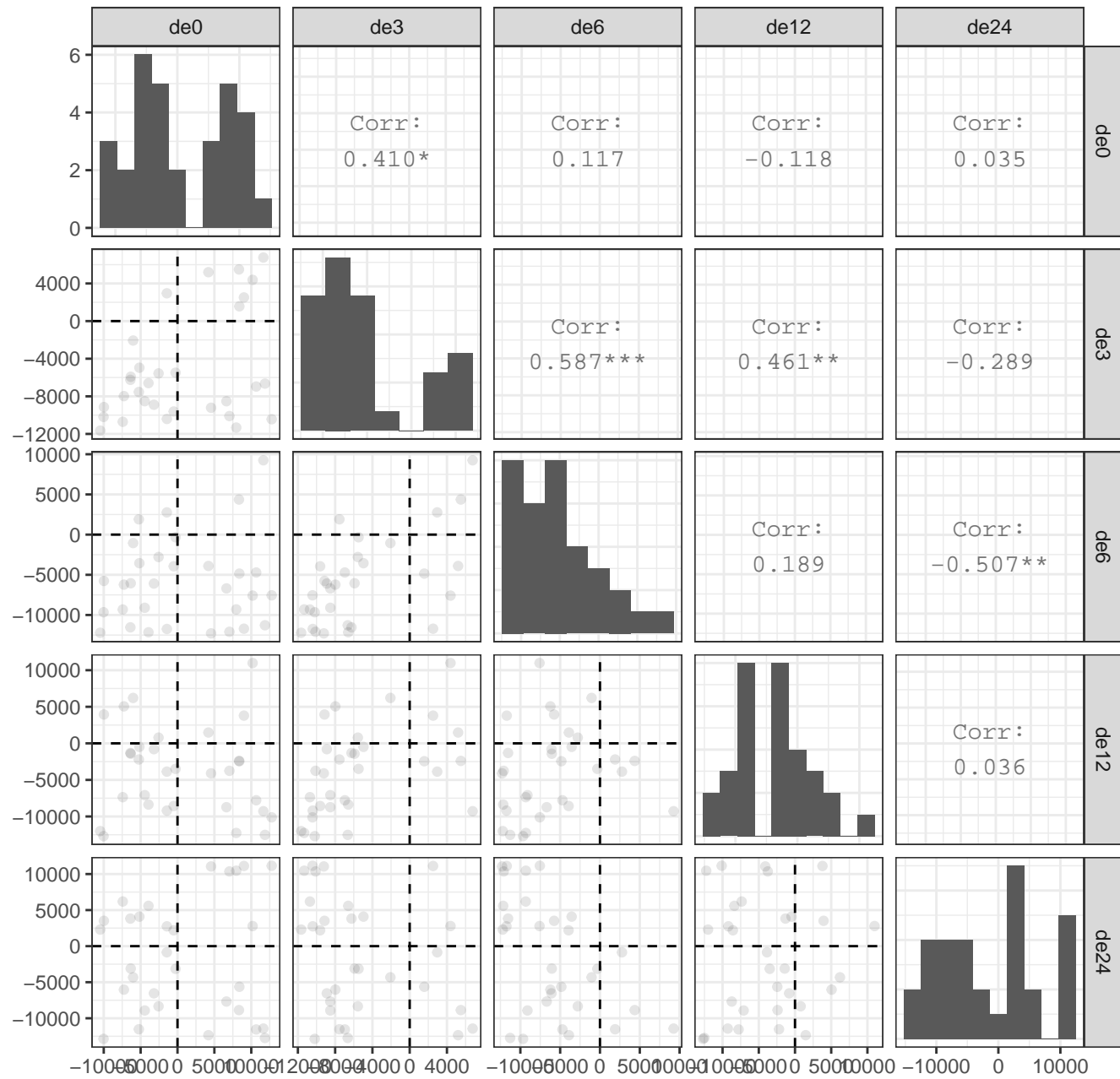
PROTEIN_POSTRANSLATIONAL_MODIFICATION



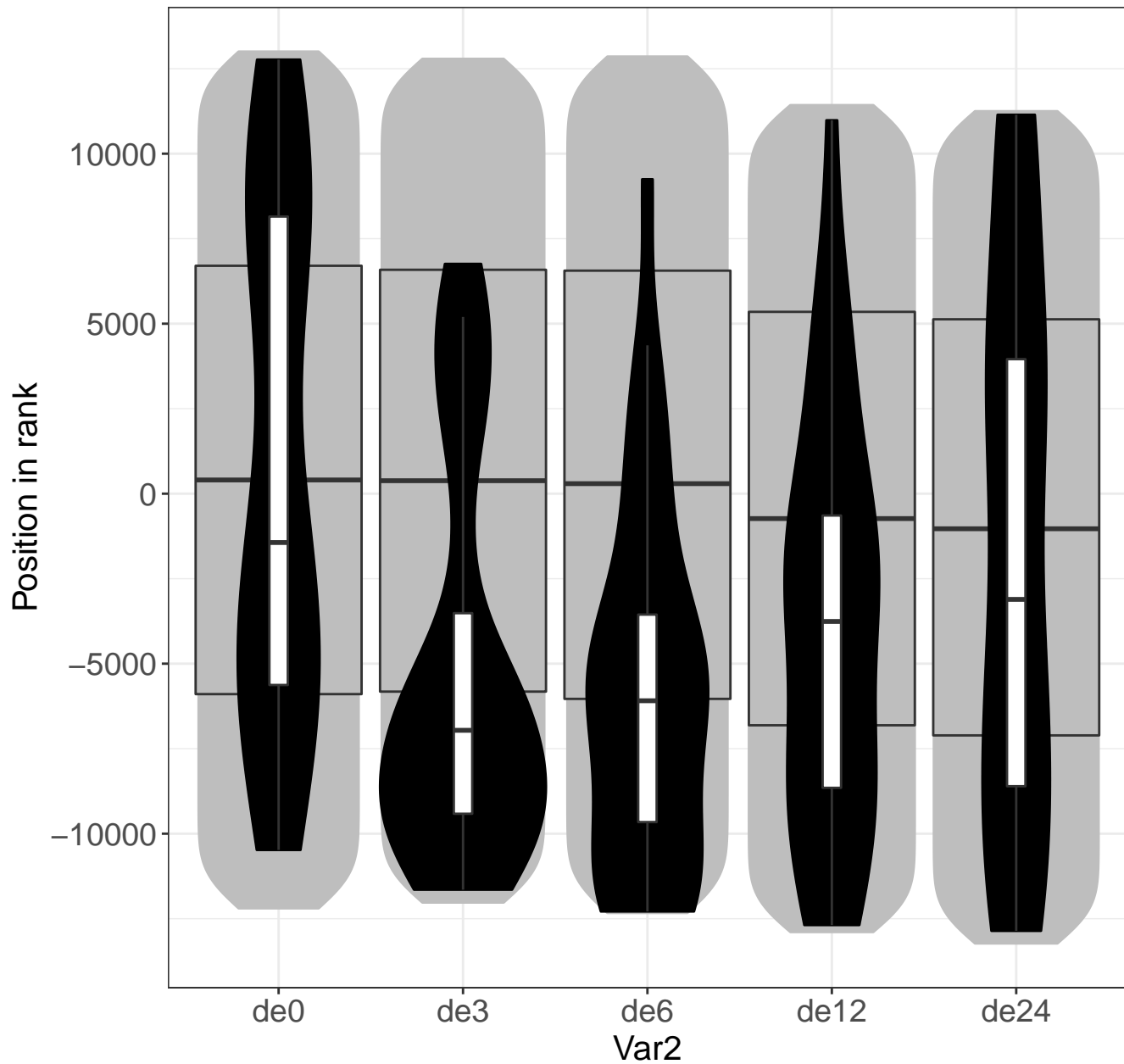
PROTEIN_DEGRADATION_AAA_TYPE



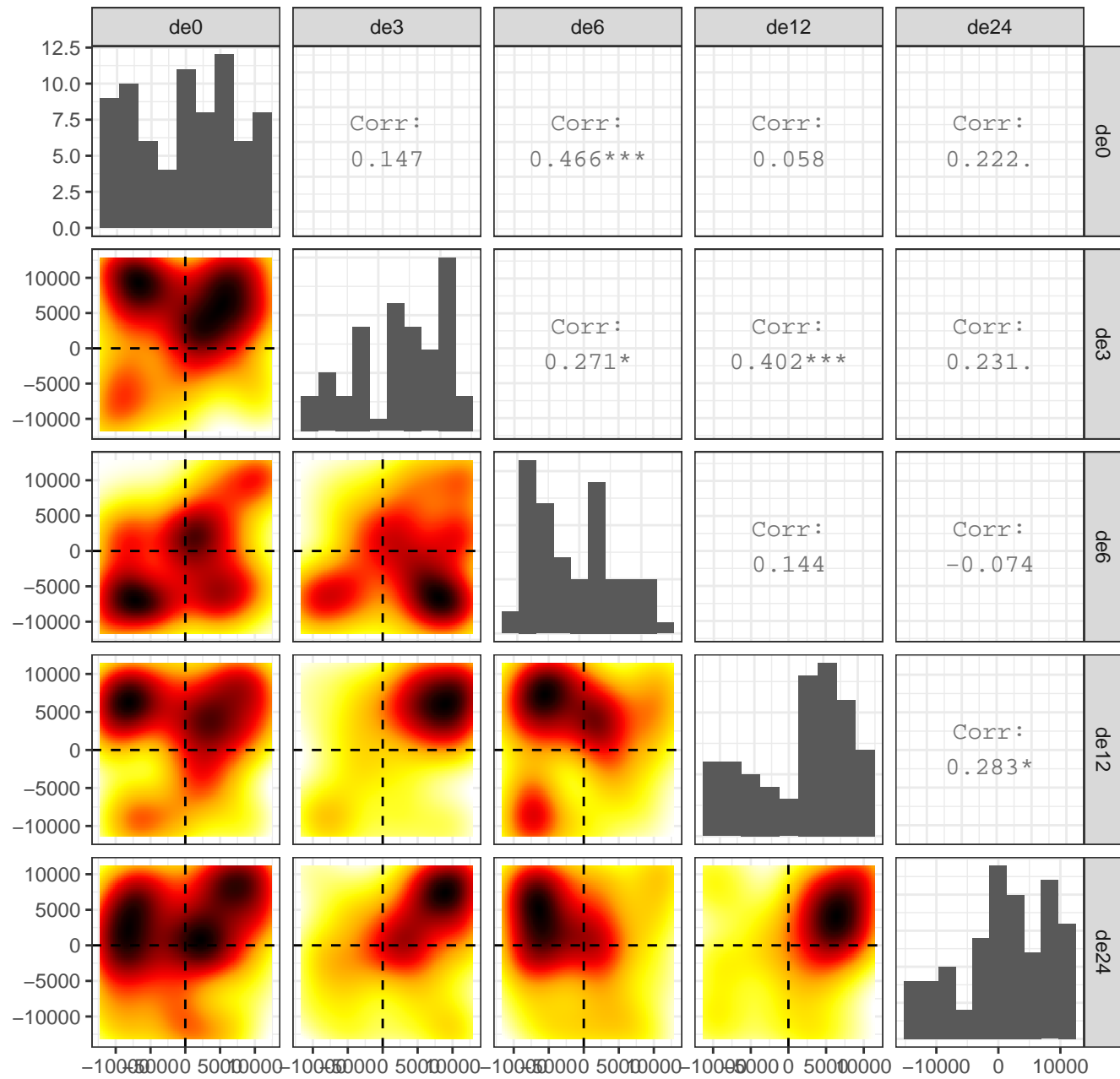
PROTEIN_DEGRADATION_AAA_TYPE



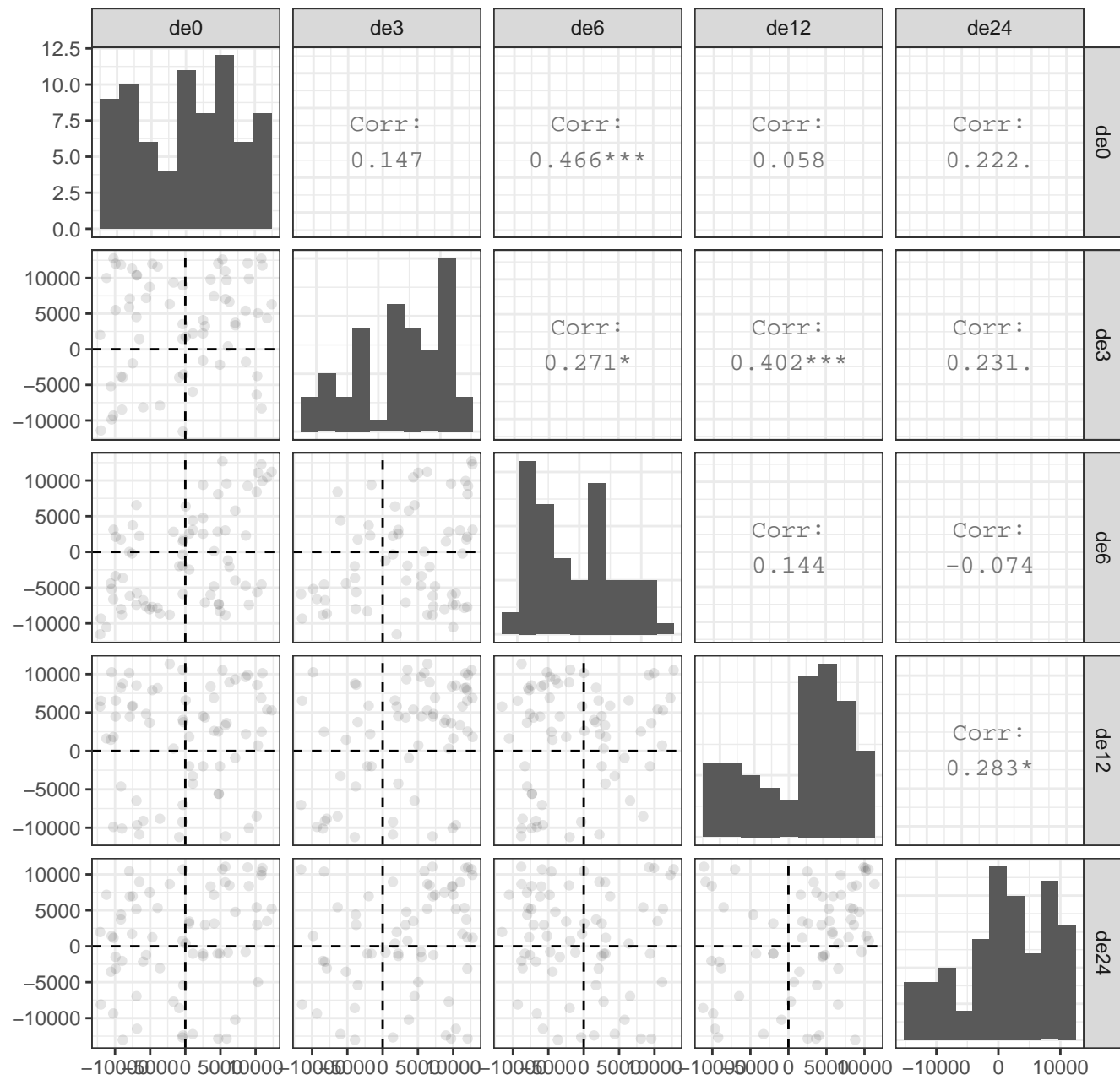
PROTEIN_DEGRADATION_AAA_TYPE



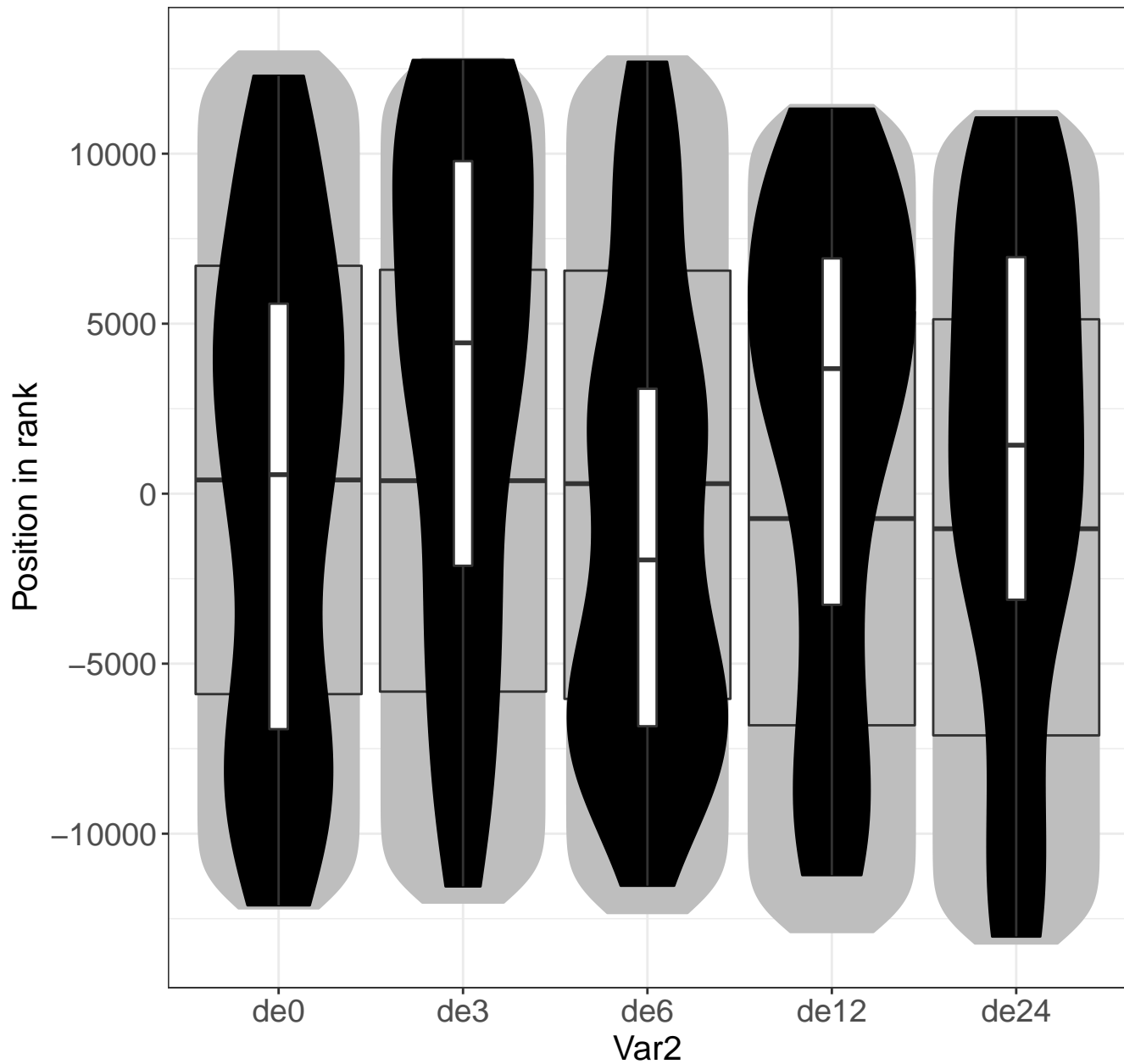
MISC_GDSL-MOTIF_LIPASE



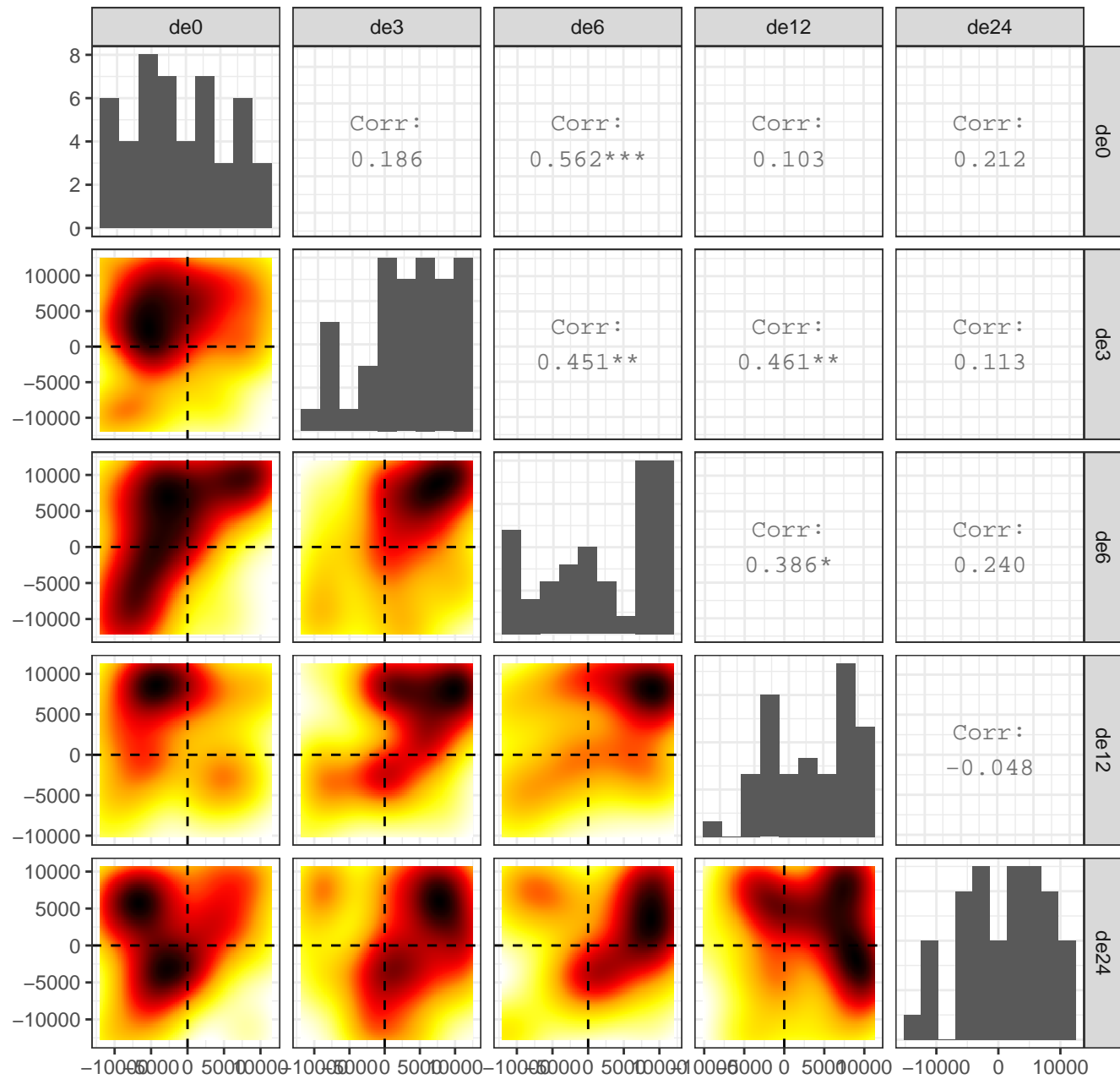
MISC_GDSL-MOTIF_LIPASE



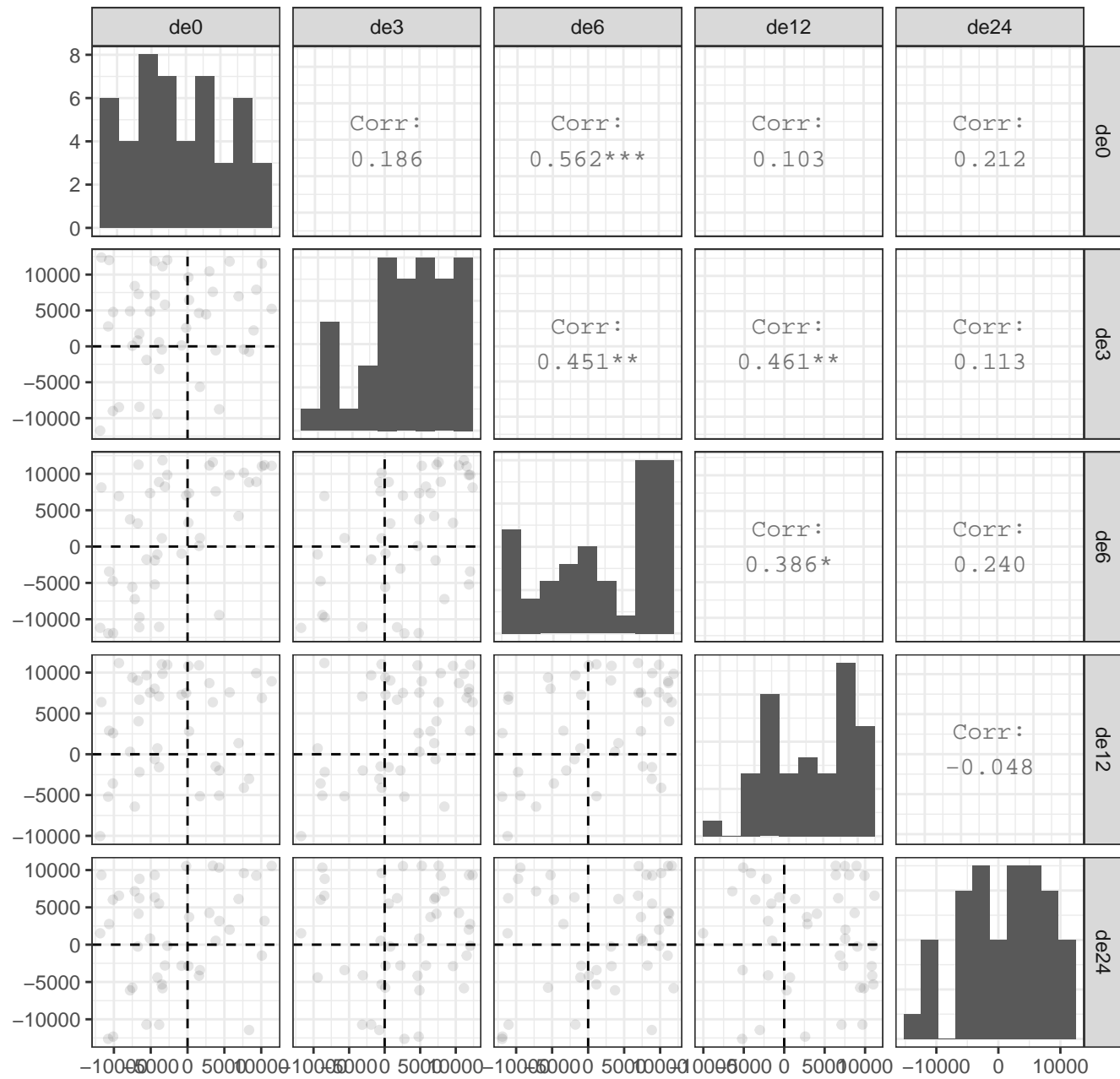
MISC_GDSL-MOTIF_LIPASE



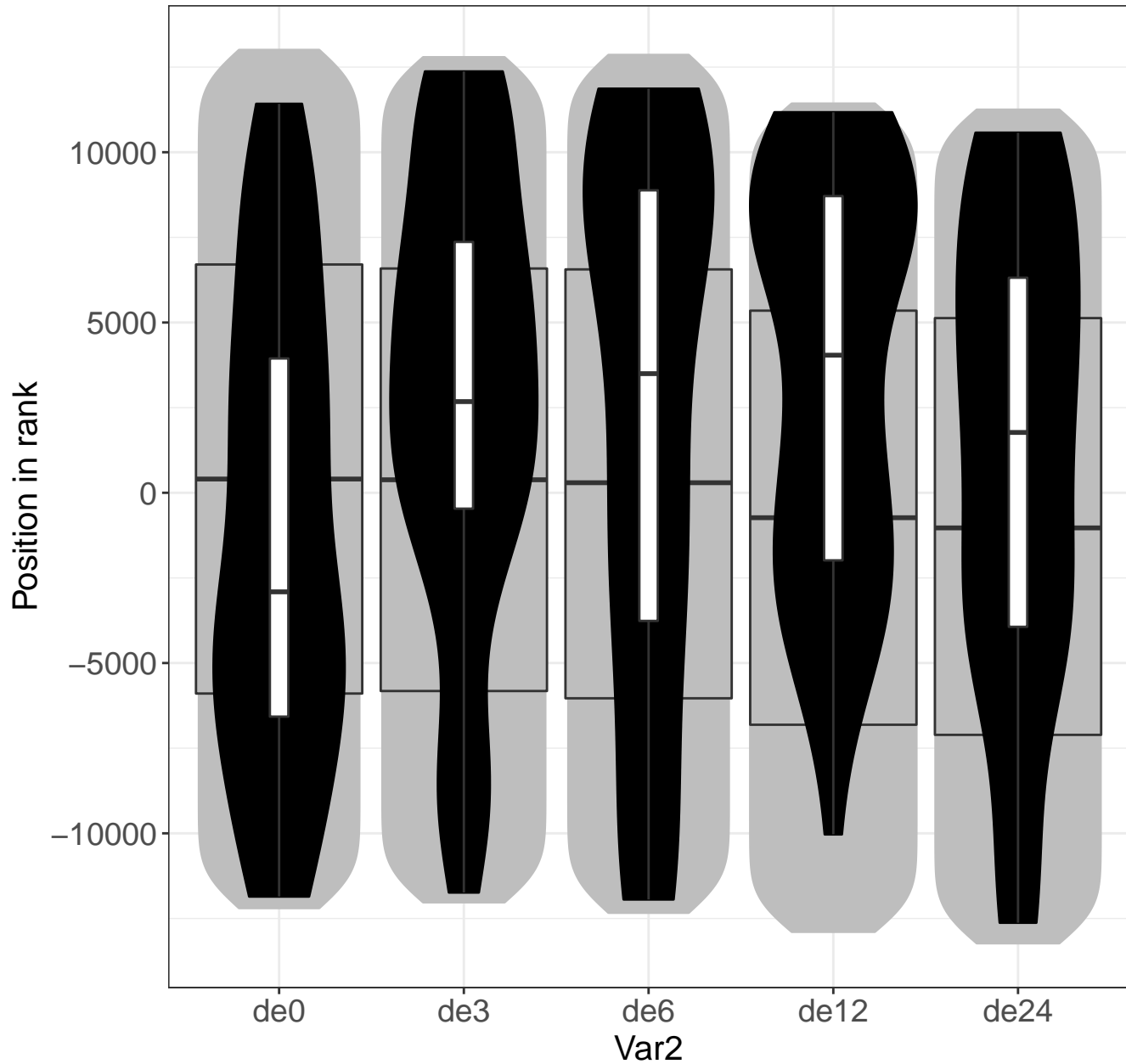
SIGNALLING_RECEPTOR_KINASES_MISC



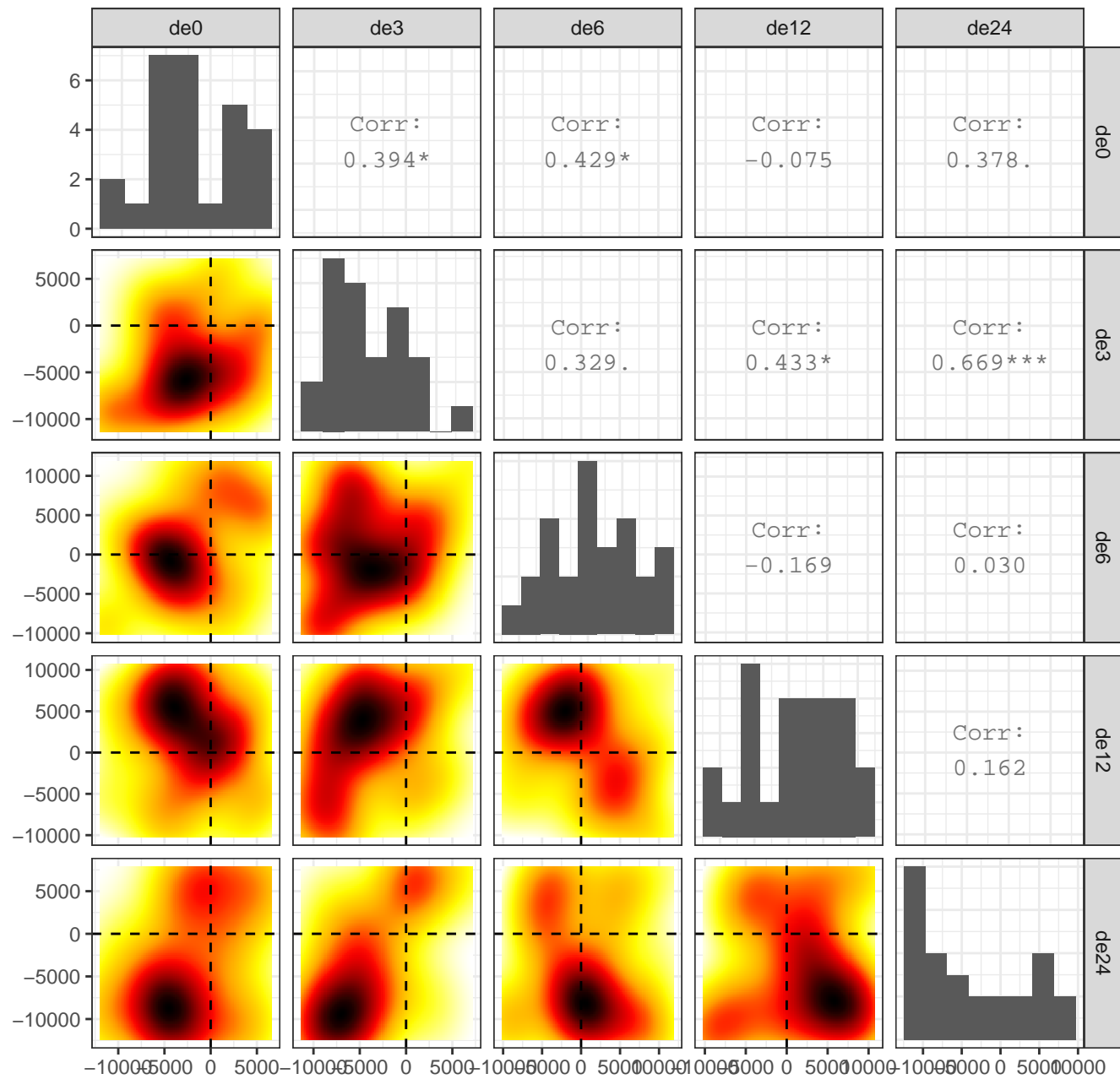
SIGNALLING_RECEPTOR_KINASES_MISC



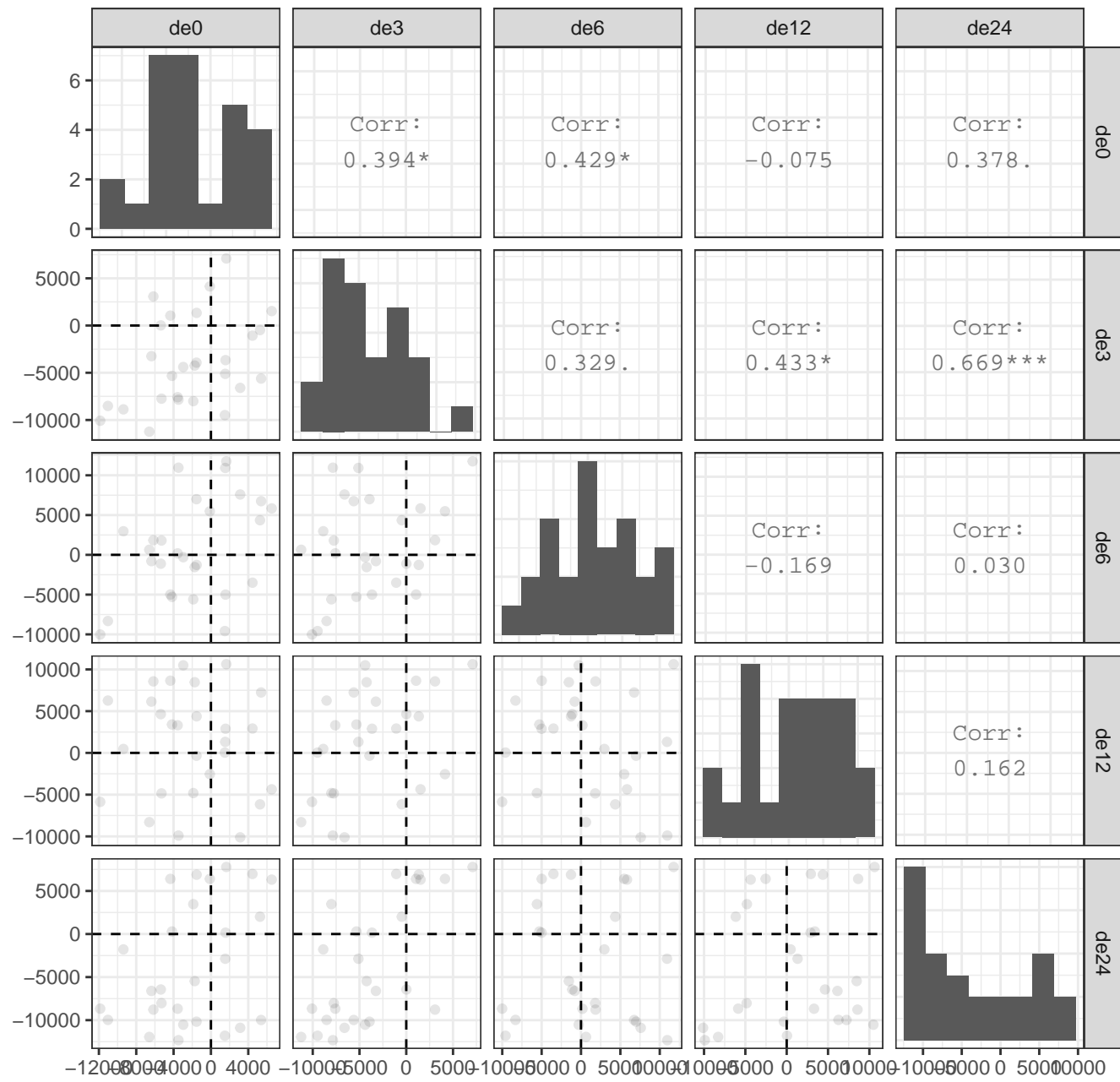
SIGNALLING_RECEPTOR_KINASES_MISC



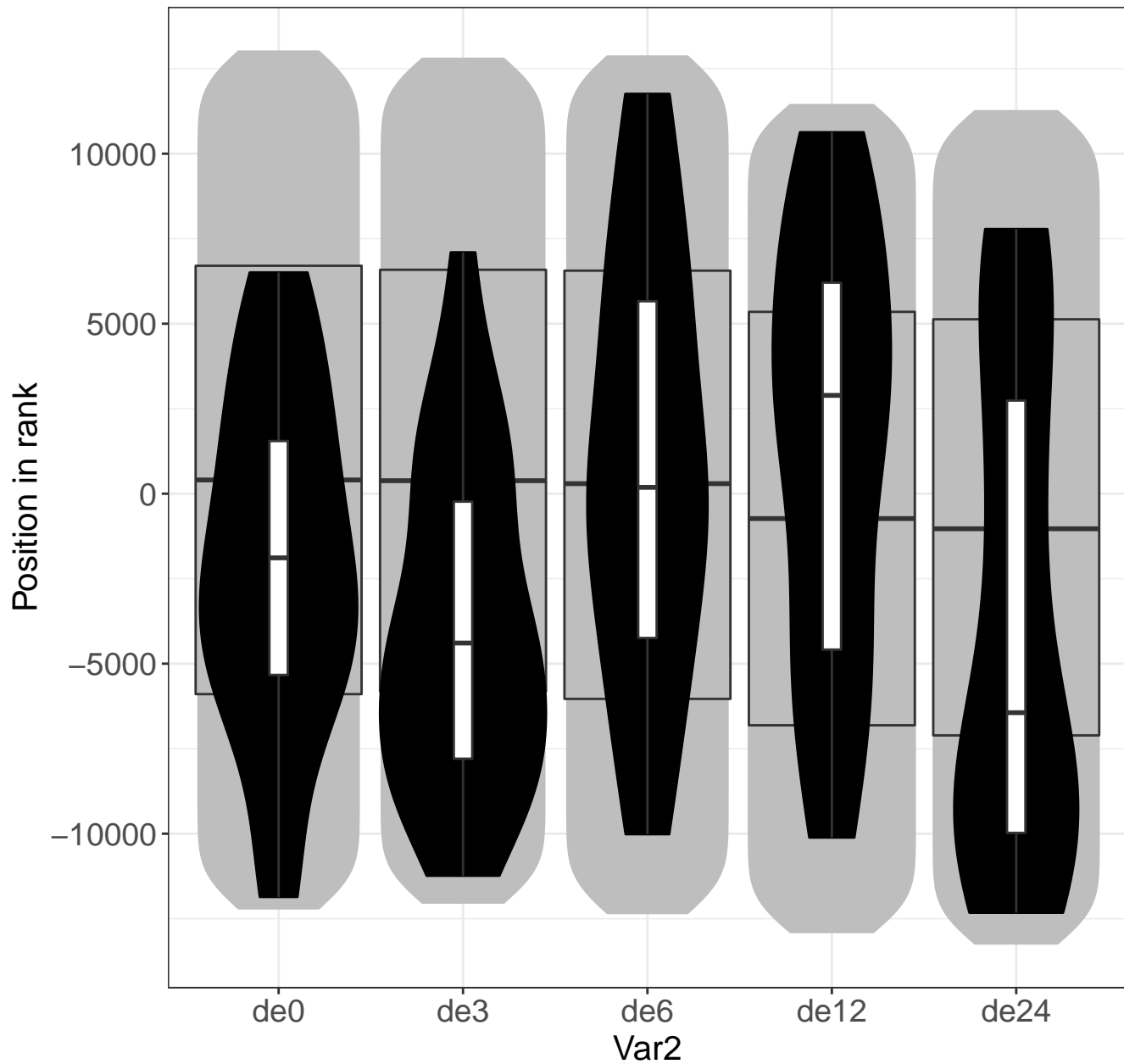
RNA_REGULATION_OF_TRANSCRIPTION_B3_TRANSCRIPTION_FACTOR_F



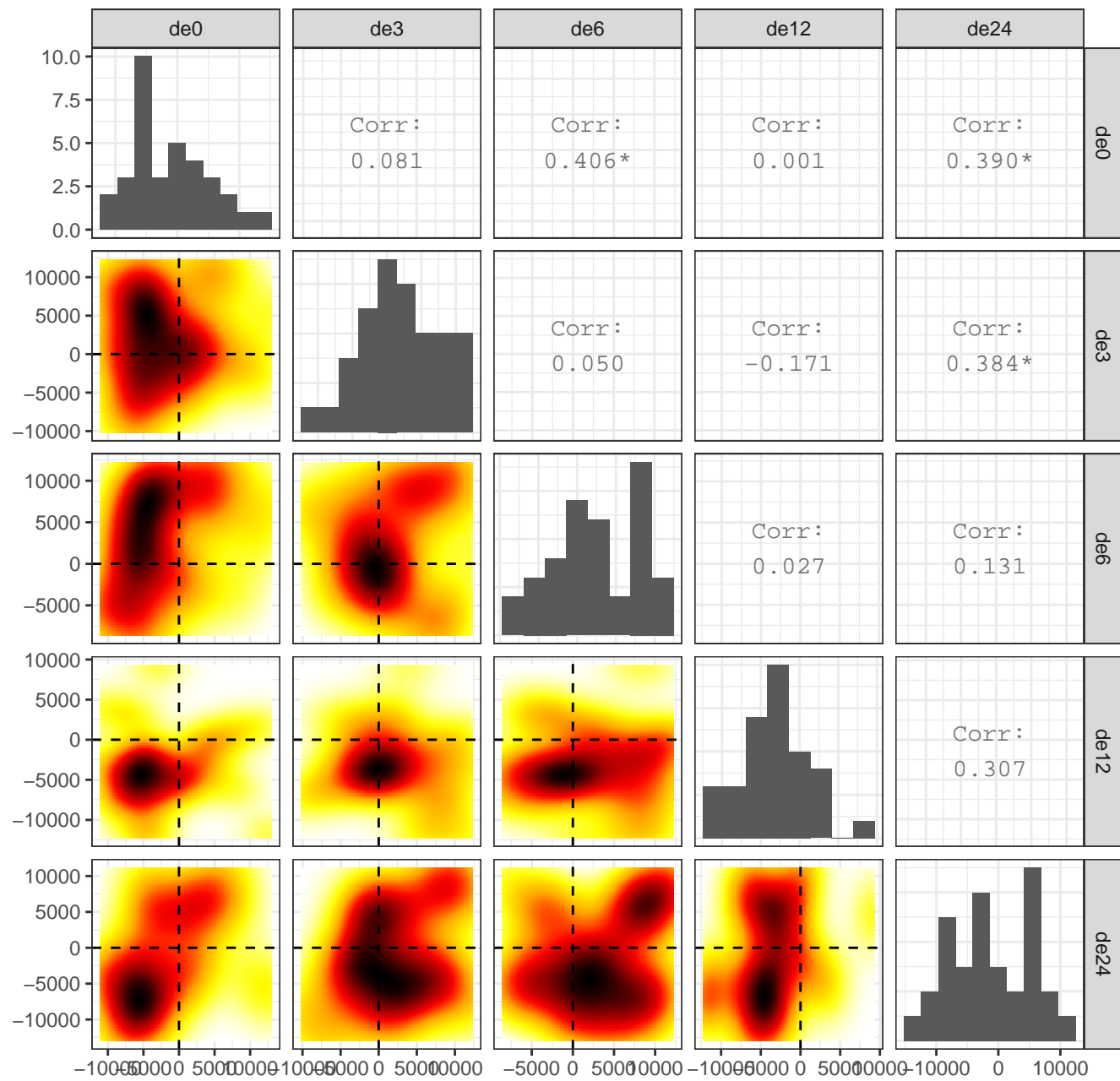
RNA_REGULATION_OF_TRANSCRIPTION_B3_TRANSCRIPTION_FACTOR_F



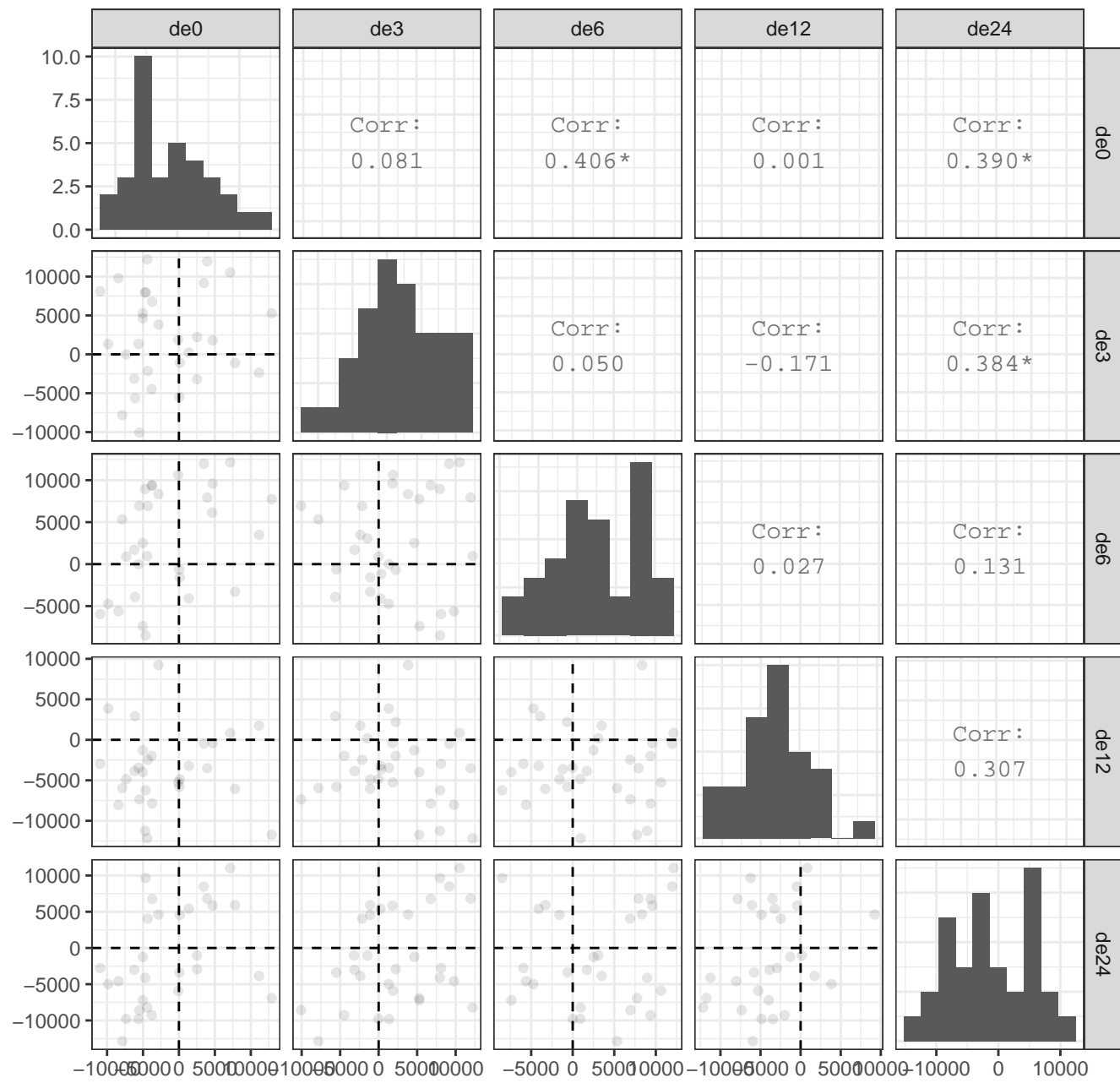
RNA_REGULATION_OF_TRANSCRIPTION_B3



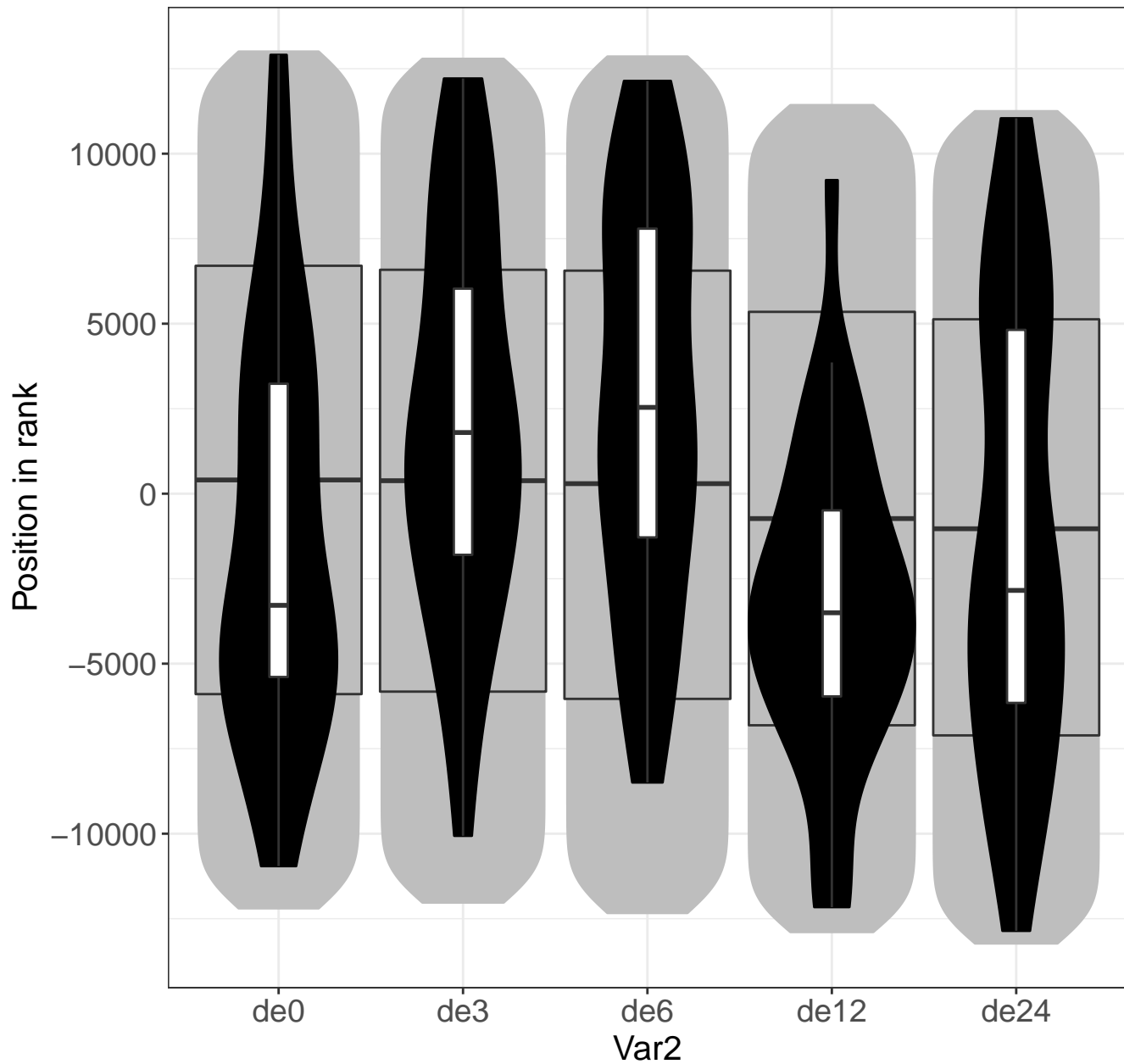
MISC_INVERTASE/PECTIN_METHYLESTERASE_INHIBITOR_FAMILY_PROTE



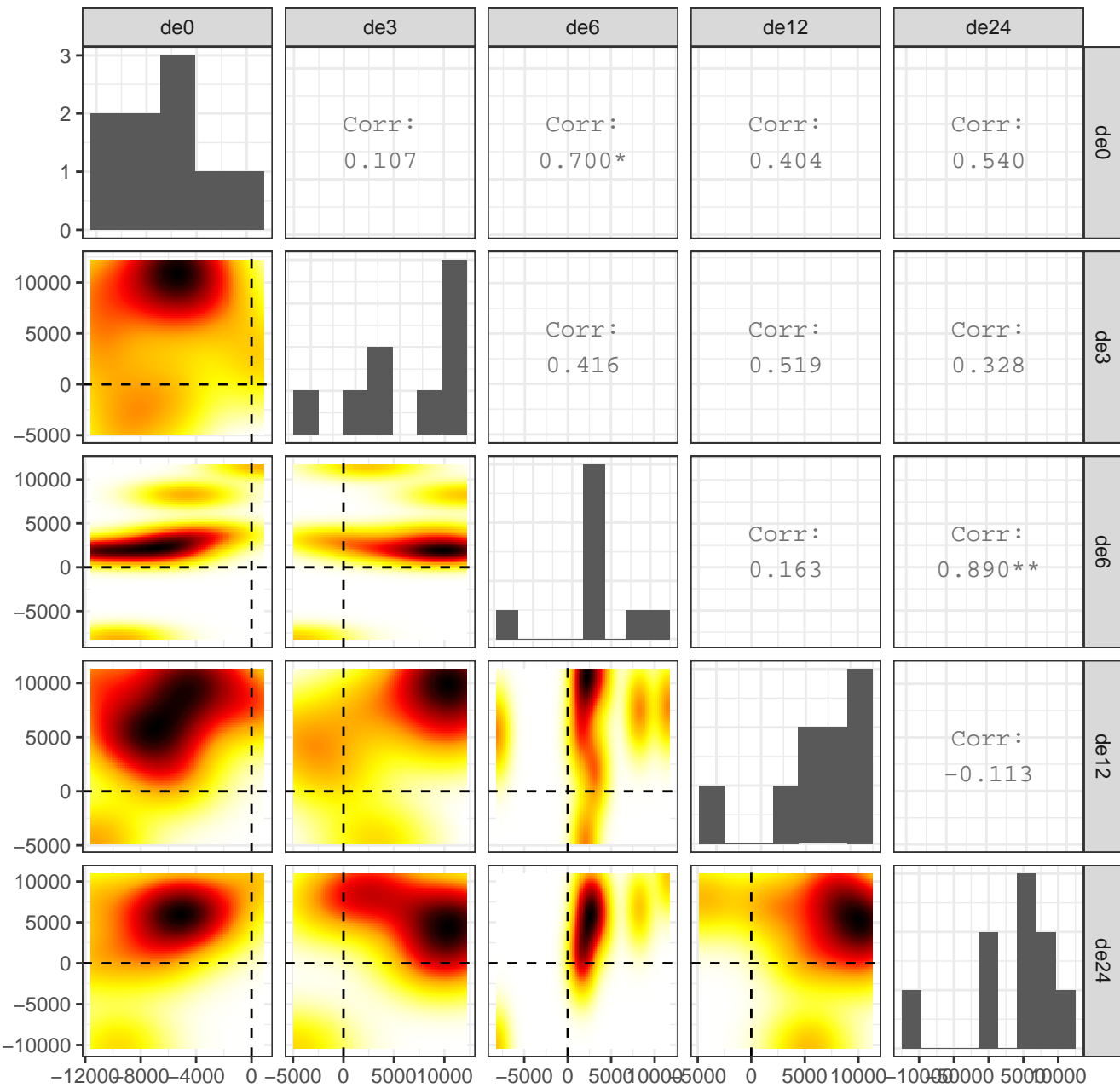
MISC_INVERTASE/PECTIN_METHYLESTERASE_INHIBITOR_FAMILY_PROTE



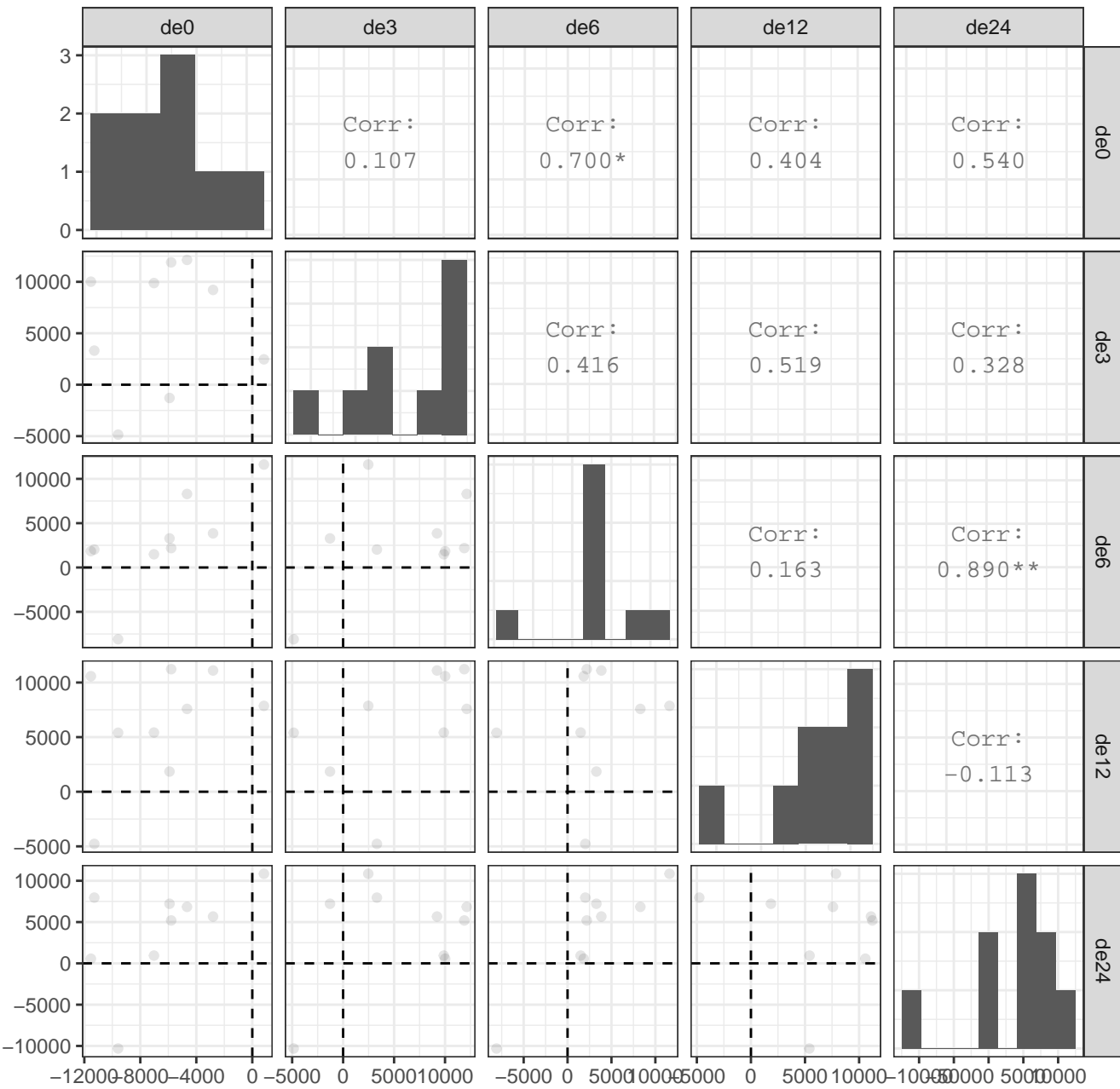
MISC_INVERTASE/PECTIN_METHYLESTERAS



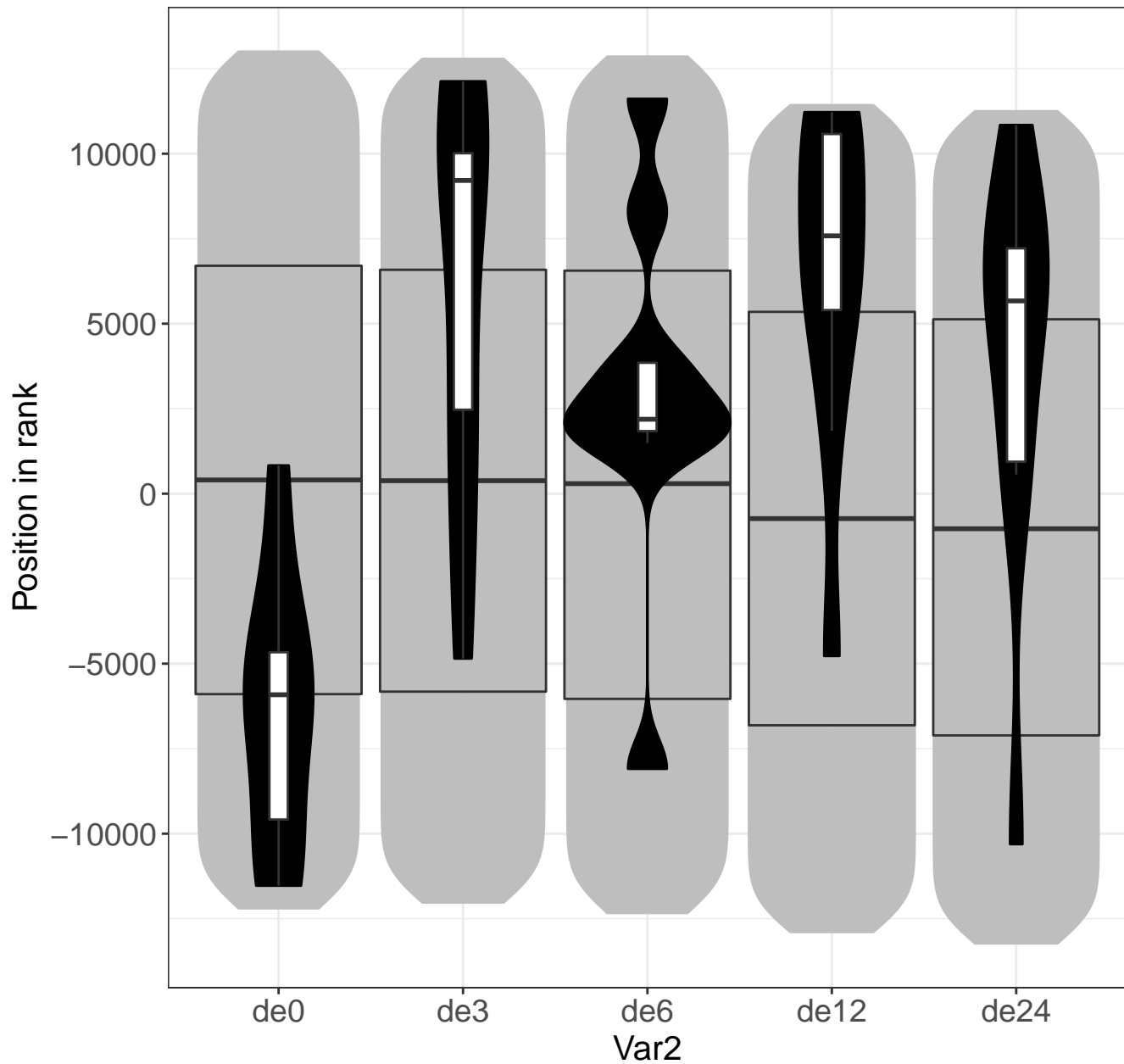
SIGNALLING_RECEPTOR_KINASES_LEUCINE_RICH_REPEAT_VI



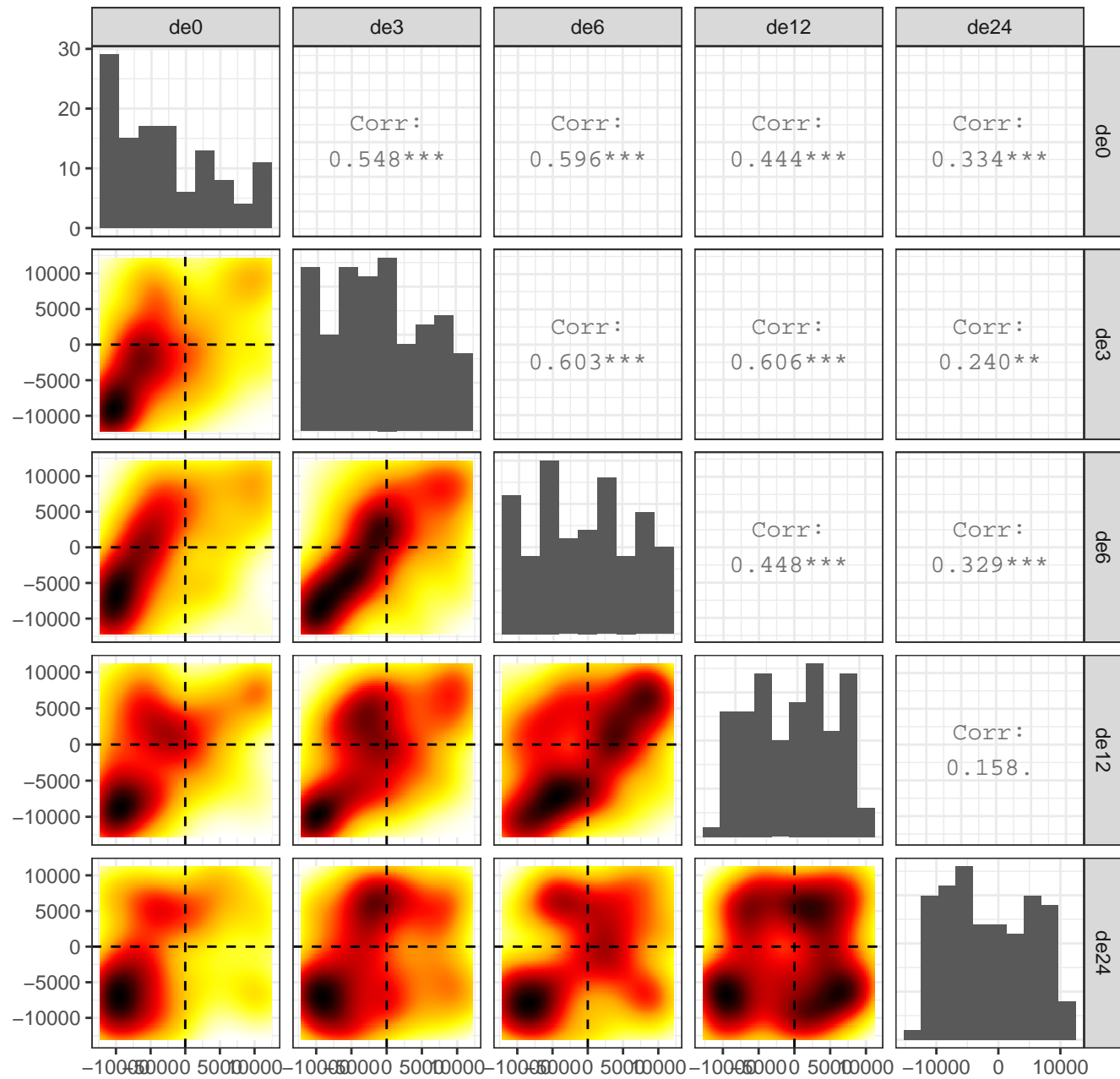
SIGNALLING_RECEPTOR_KINASES_LEUCINE_RICH_REPEAT_VI



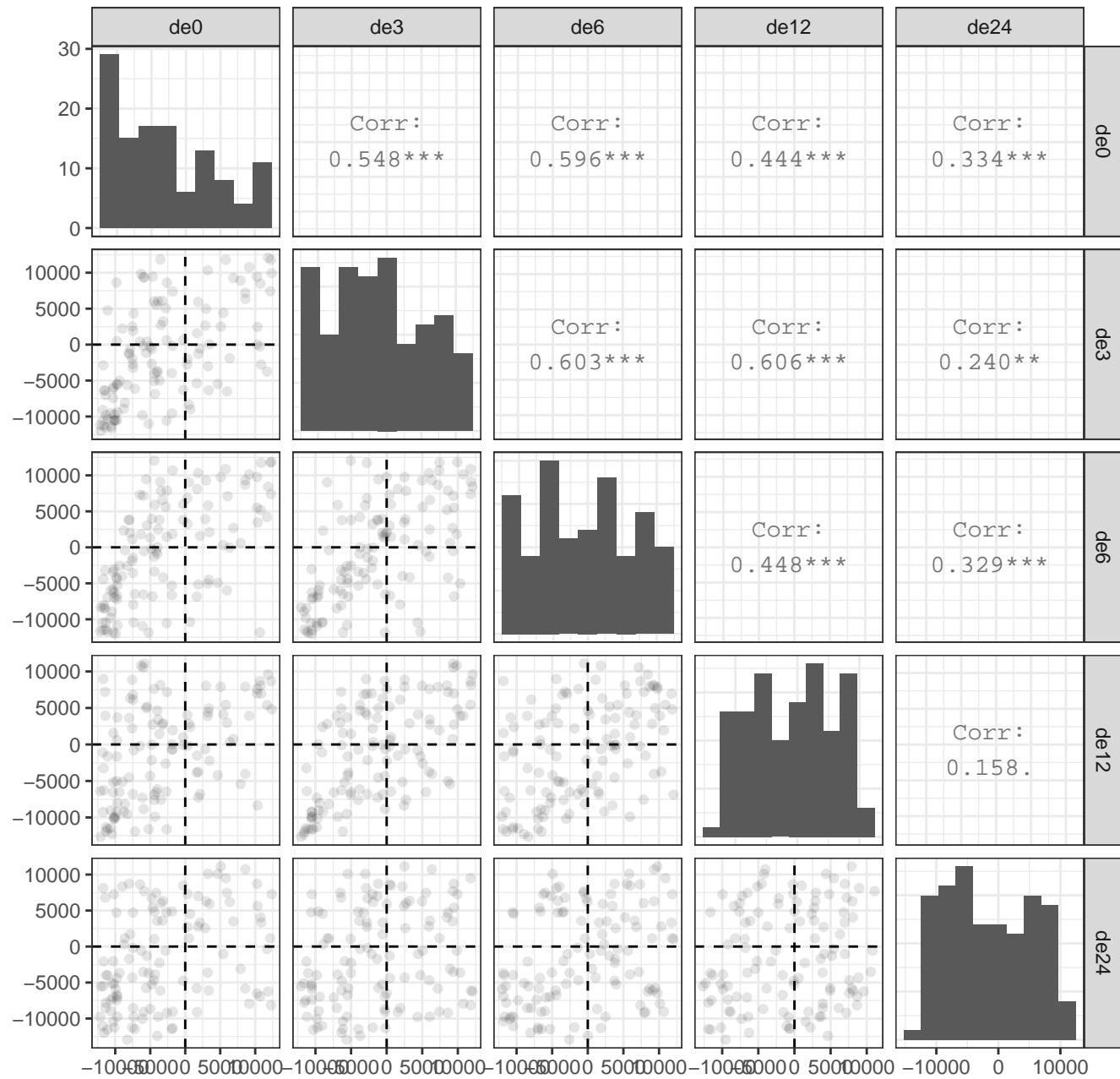
SIGNALLING_RECEPTOR_KINASES_LEUCINE



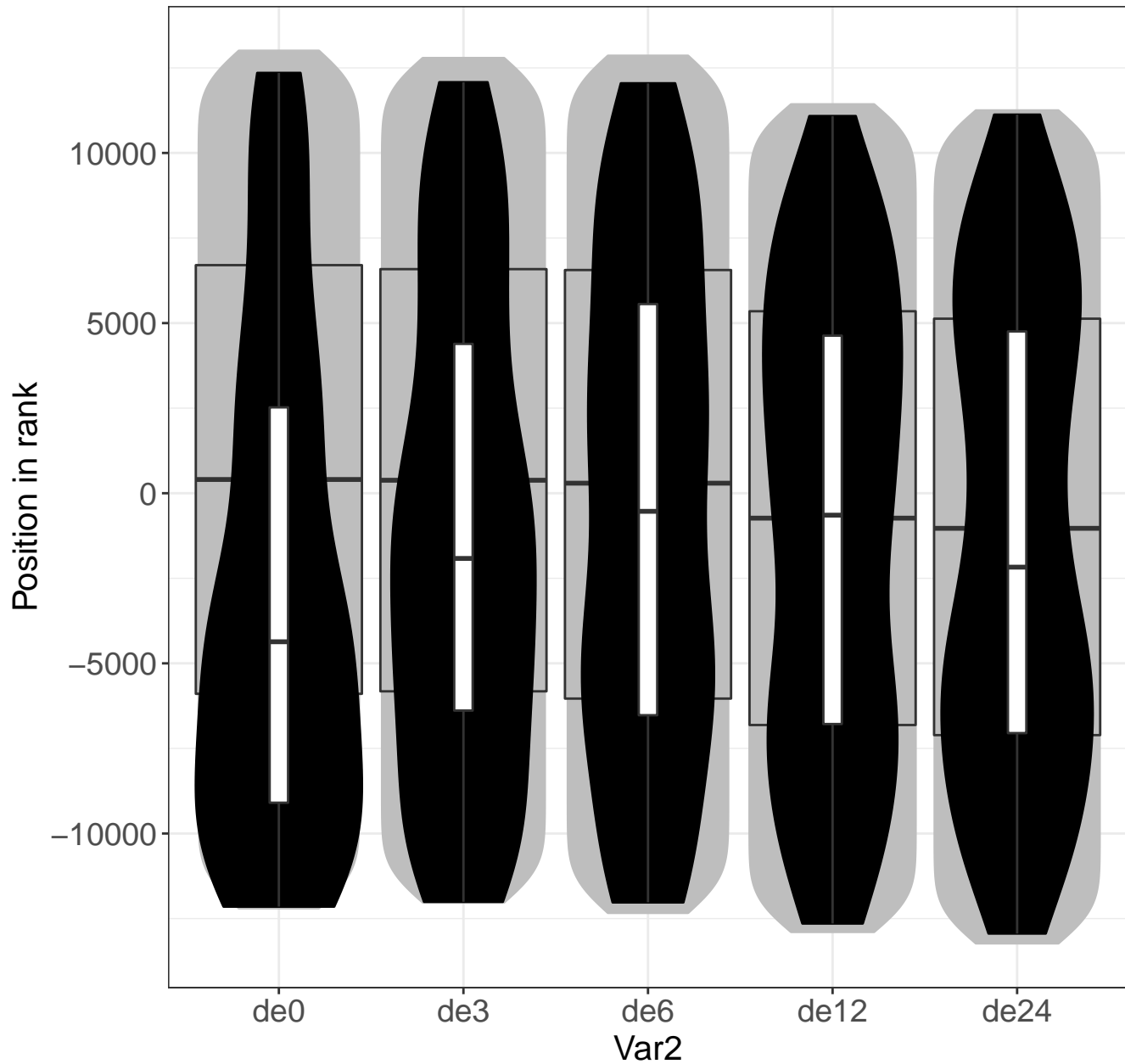
CELL_ORGANISATION



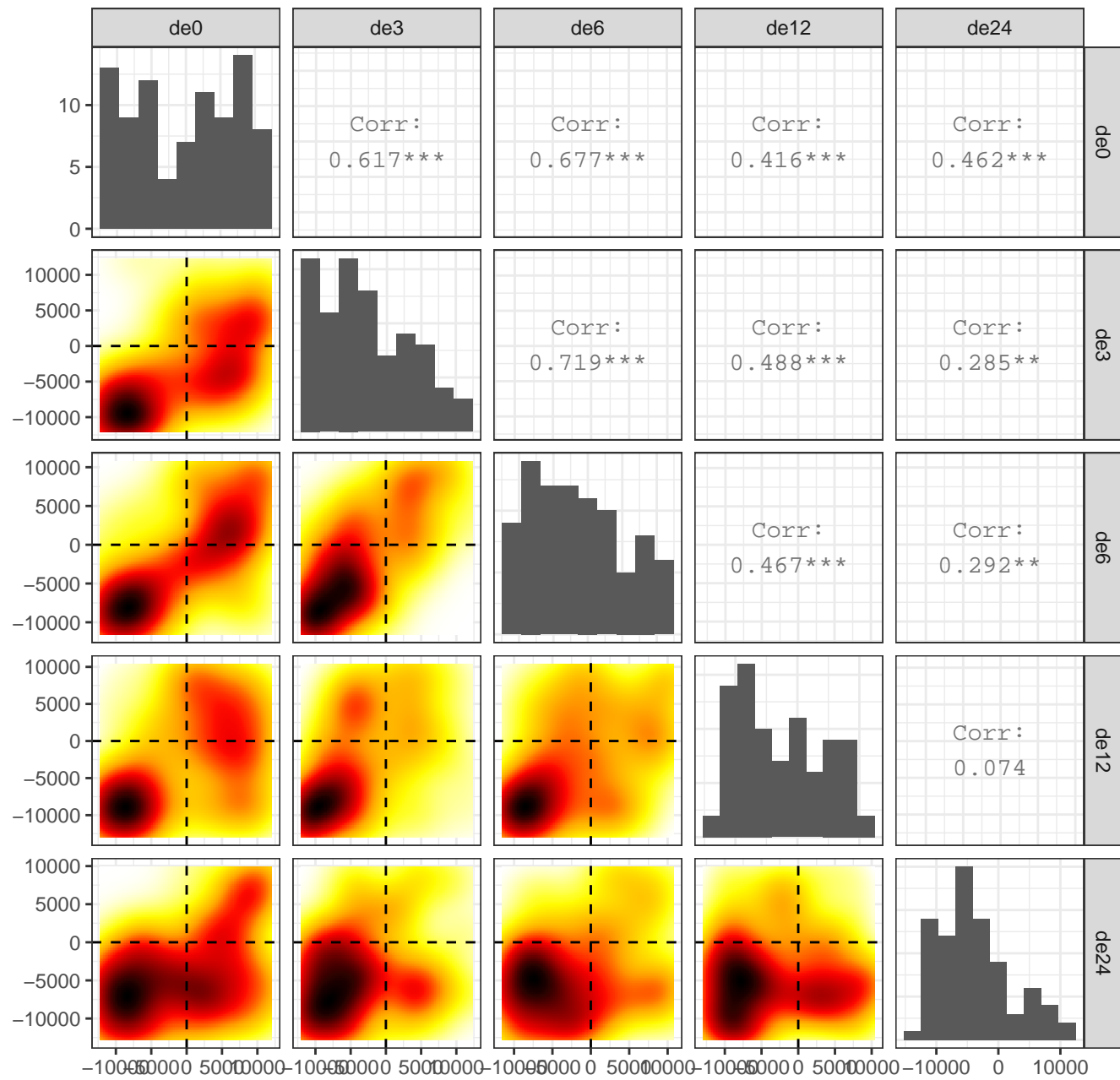
CELL_ORGANISATION



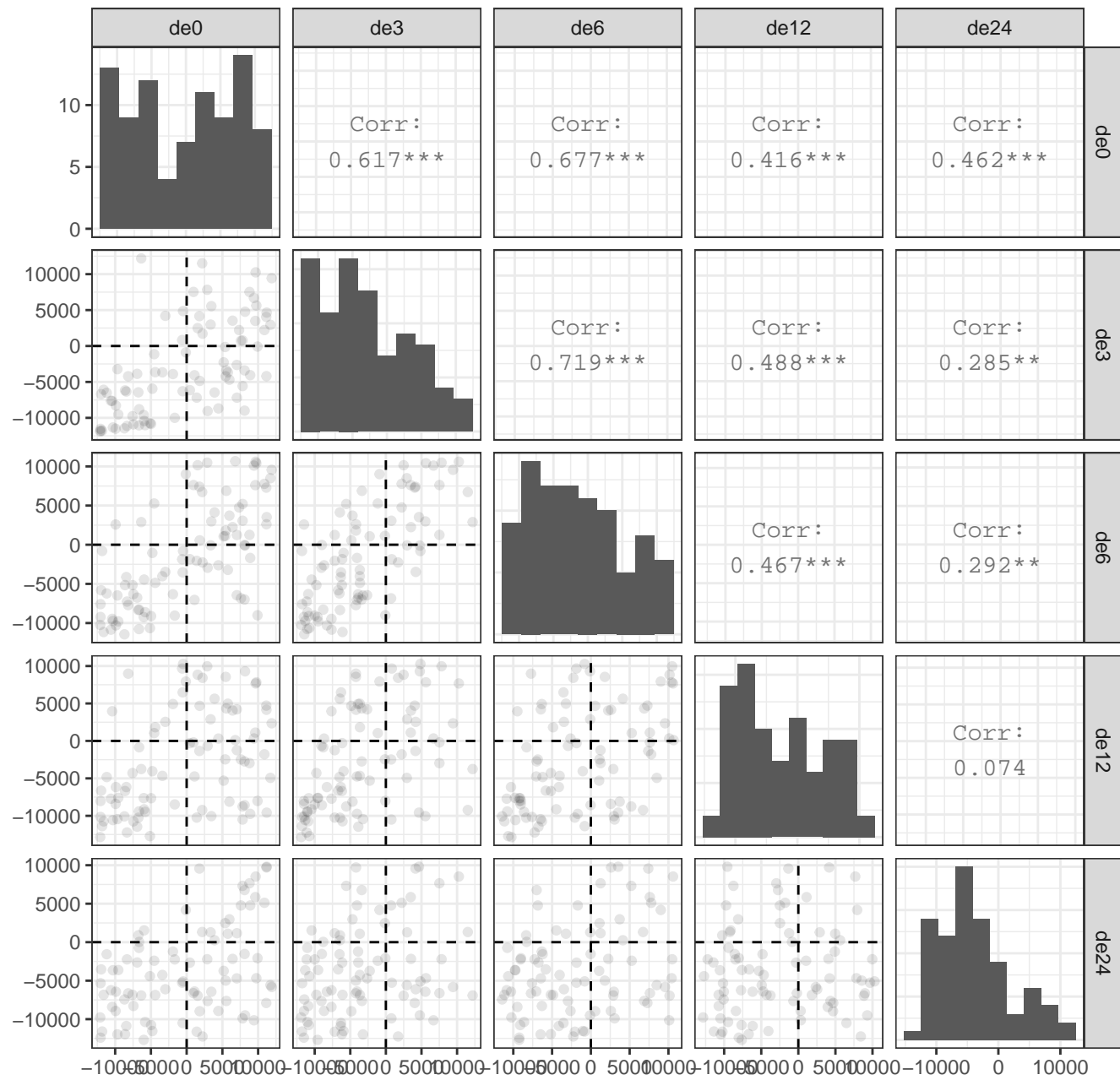
CELL_ORGANISATION



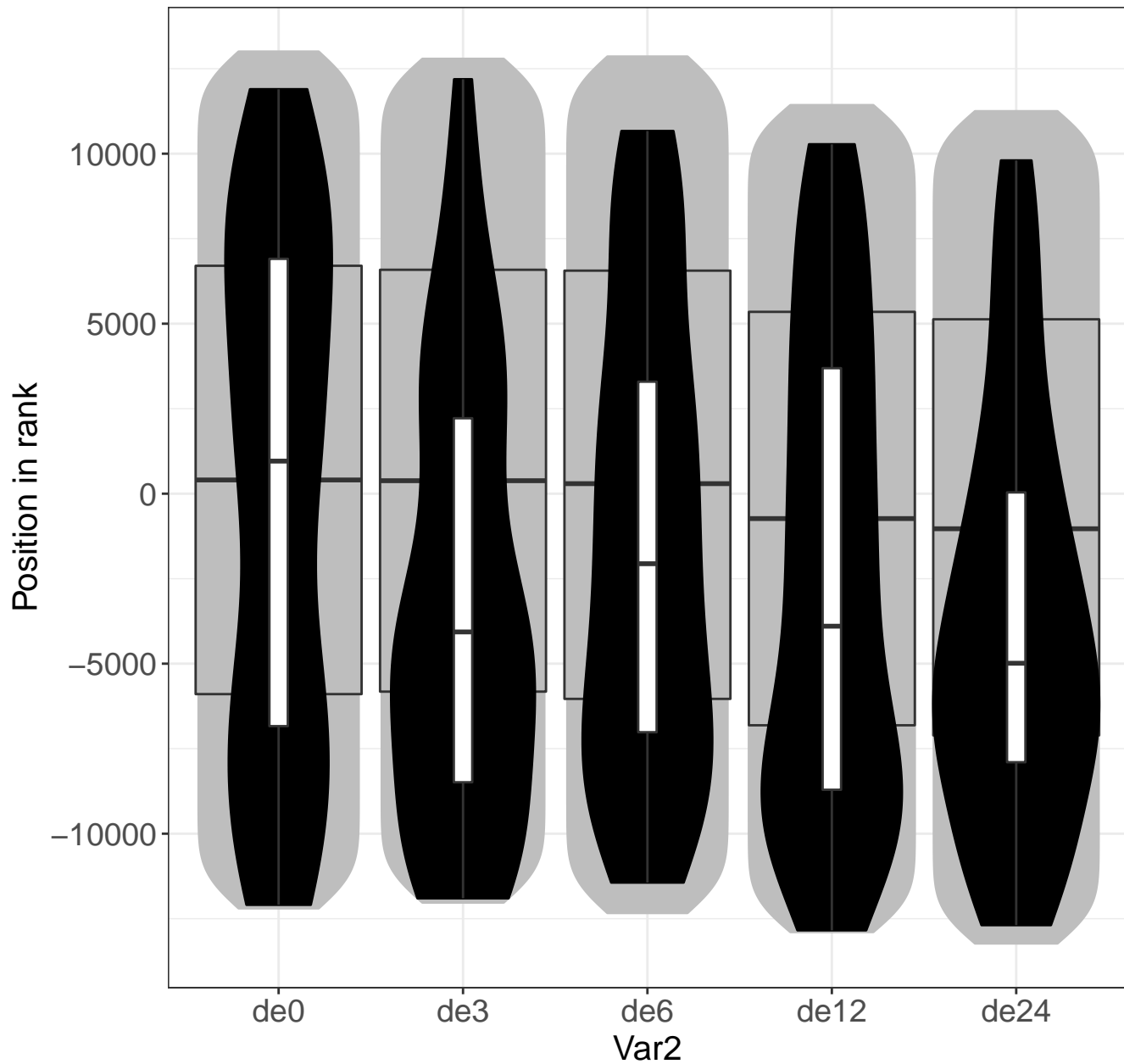
RNA_REGULATION_OF_TRANSCRIPTION_PUTATIVE_TRANSCRIPTION_RE



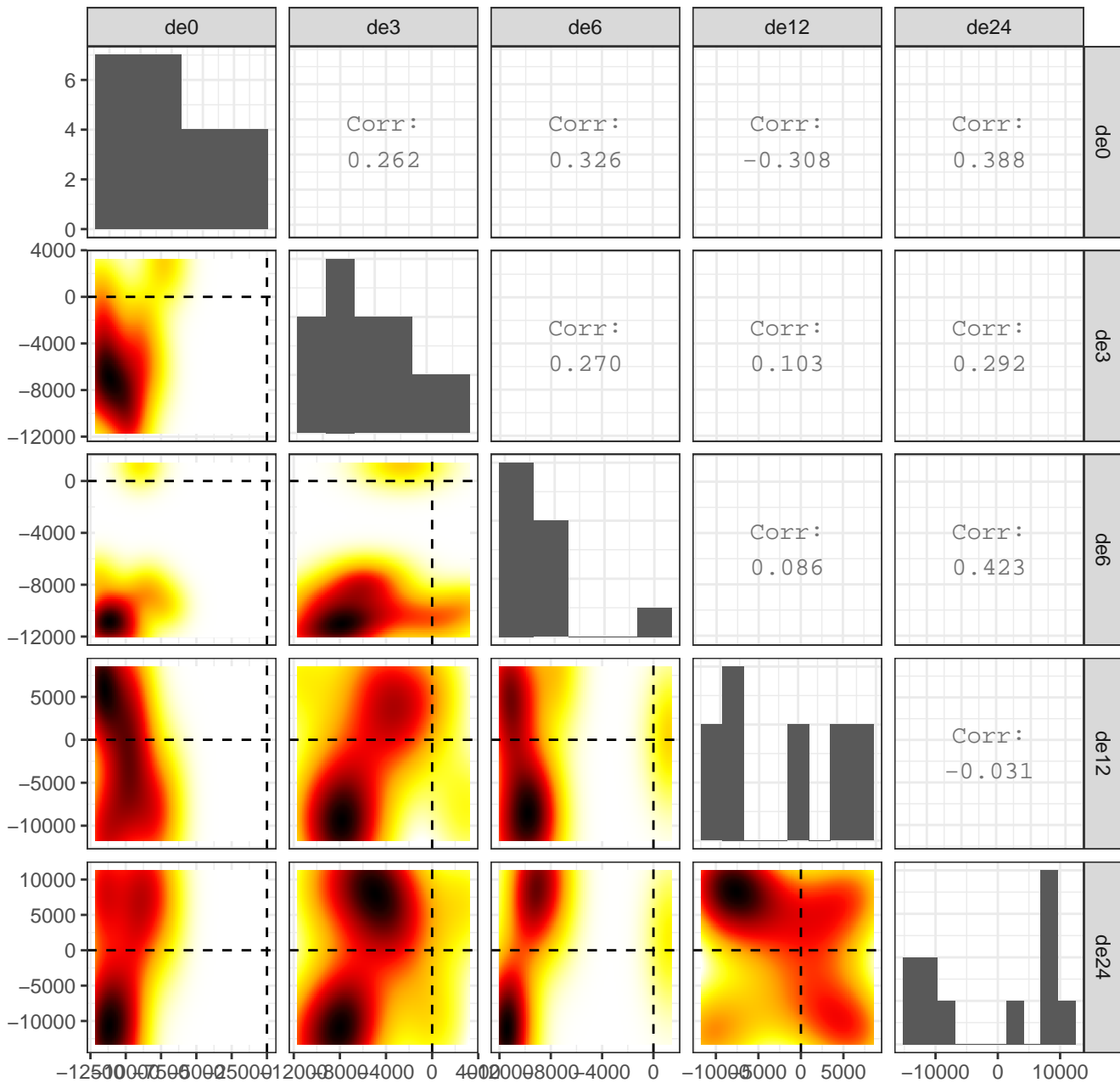
RNA_REGULATION_OF_TRANSCRIPTION_PUTATIVE_TRANSCRIPTION_RE



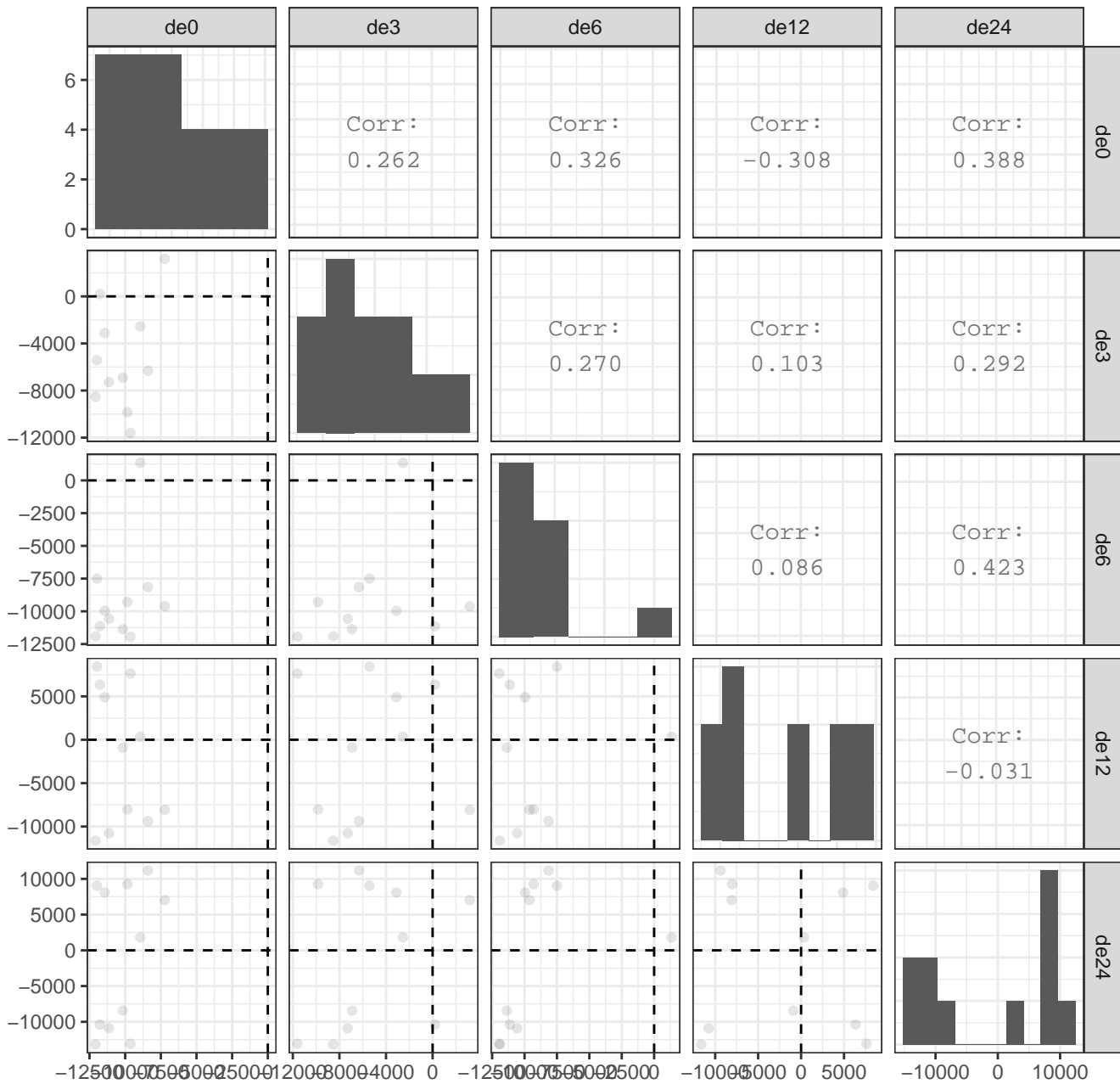
RNA_REGULATION_OF_TRANSCRIPTION_PU



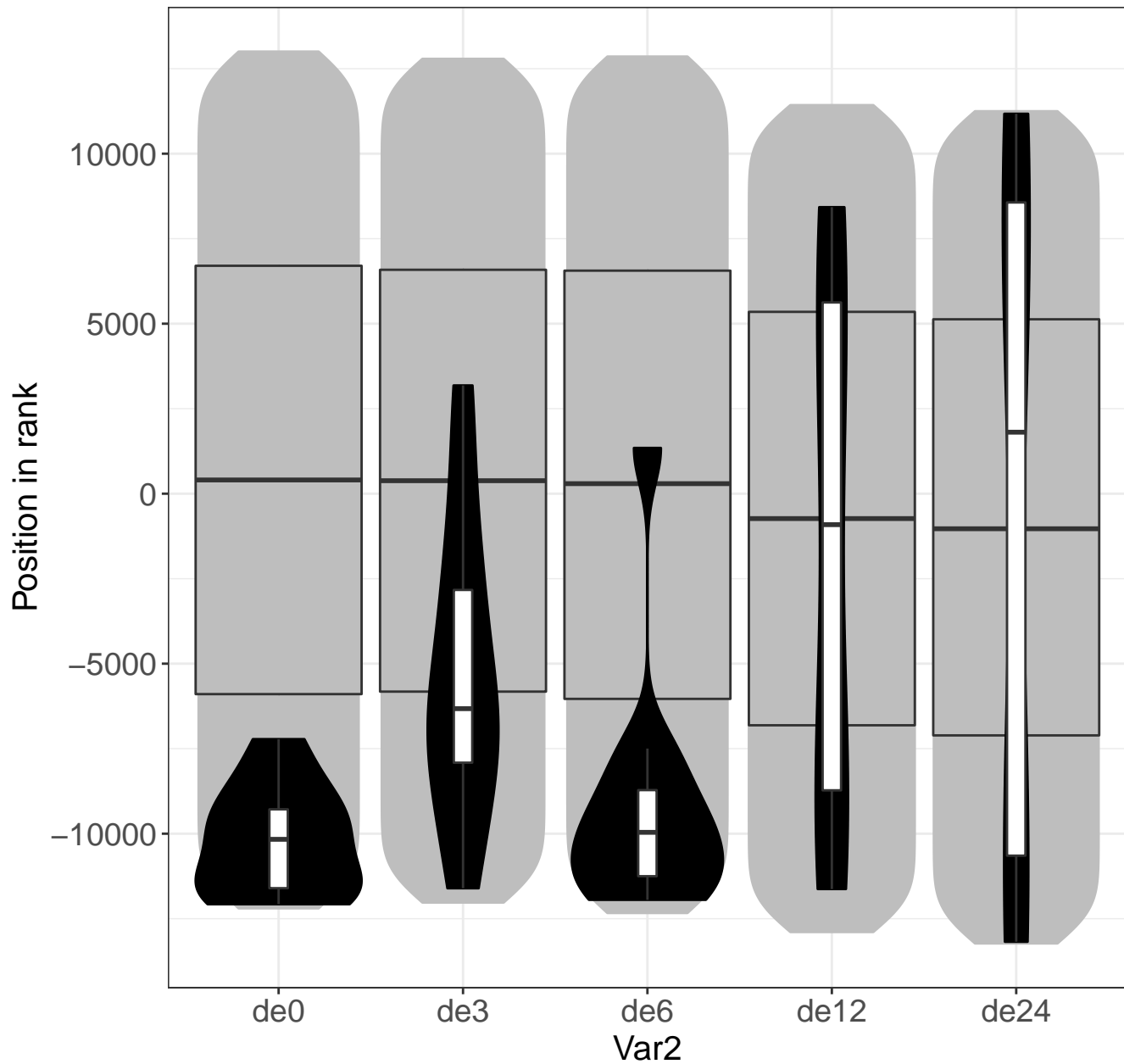
CELL_WALL_CELL_WALL_PROTEINS_HRGP



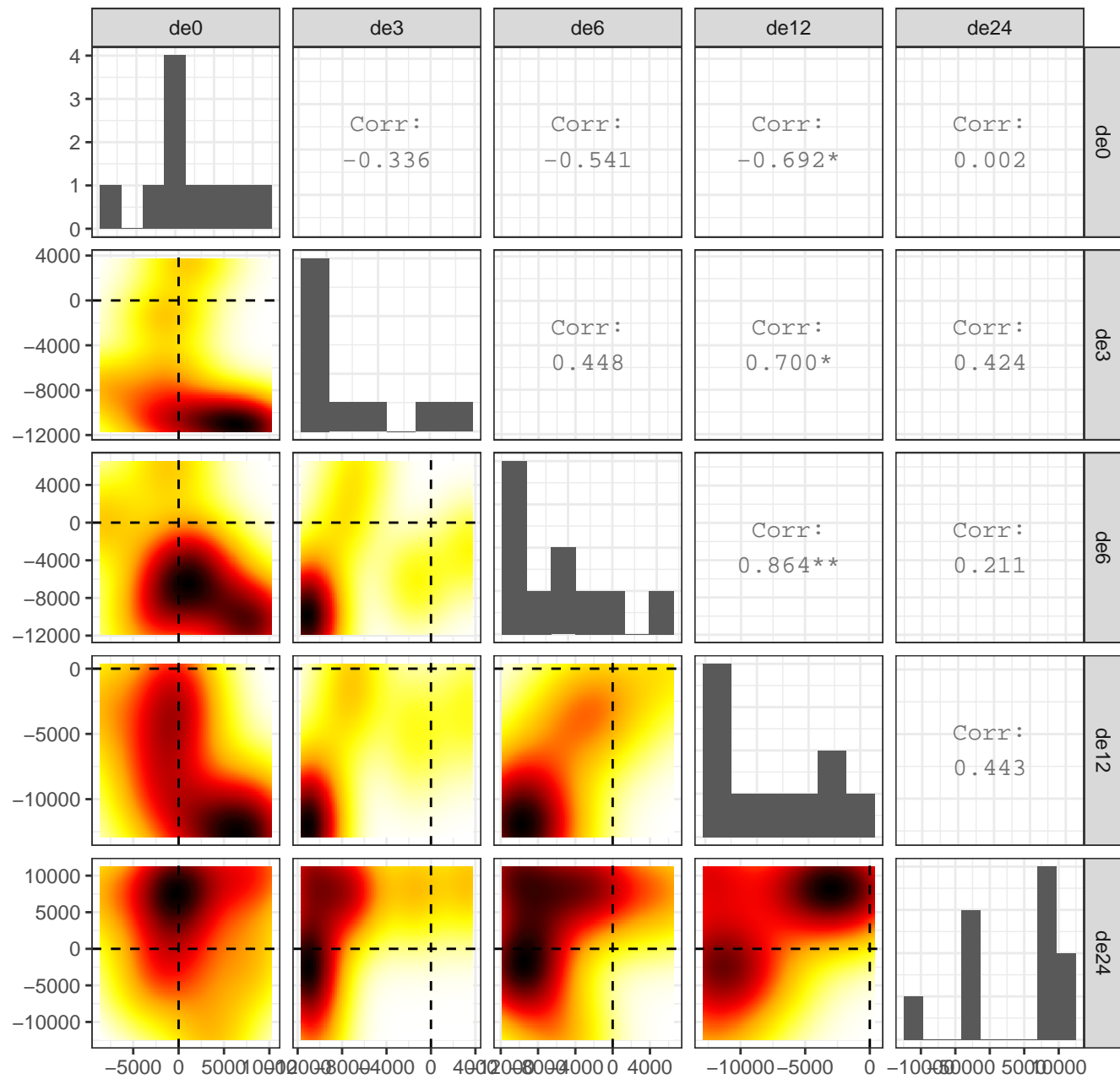
CELL_WALL_CELL_WALL_PROTEINS_HRGP



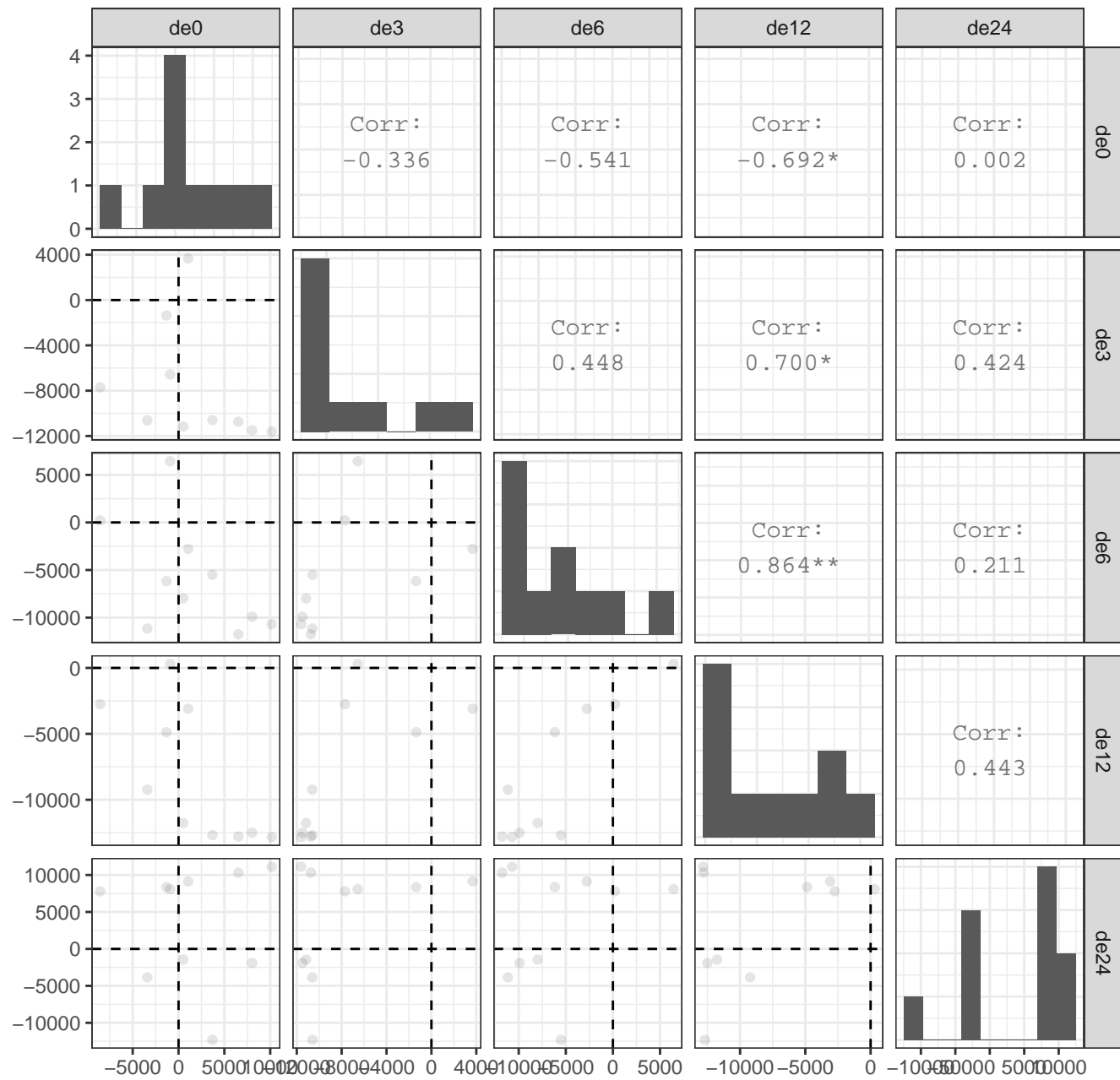
CELL_WALL_CELL_WALL_PROTEINS_HRGP



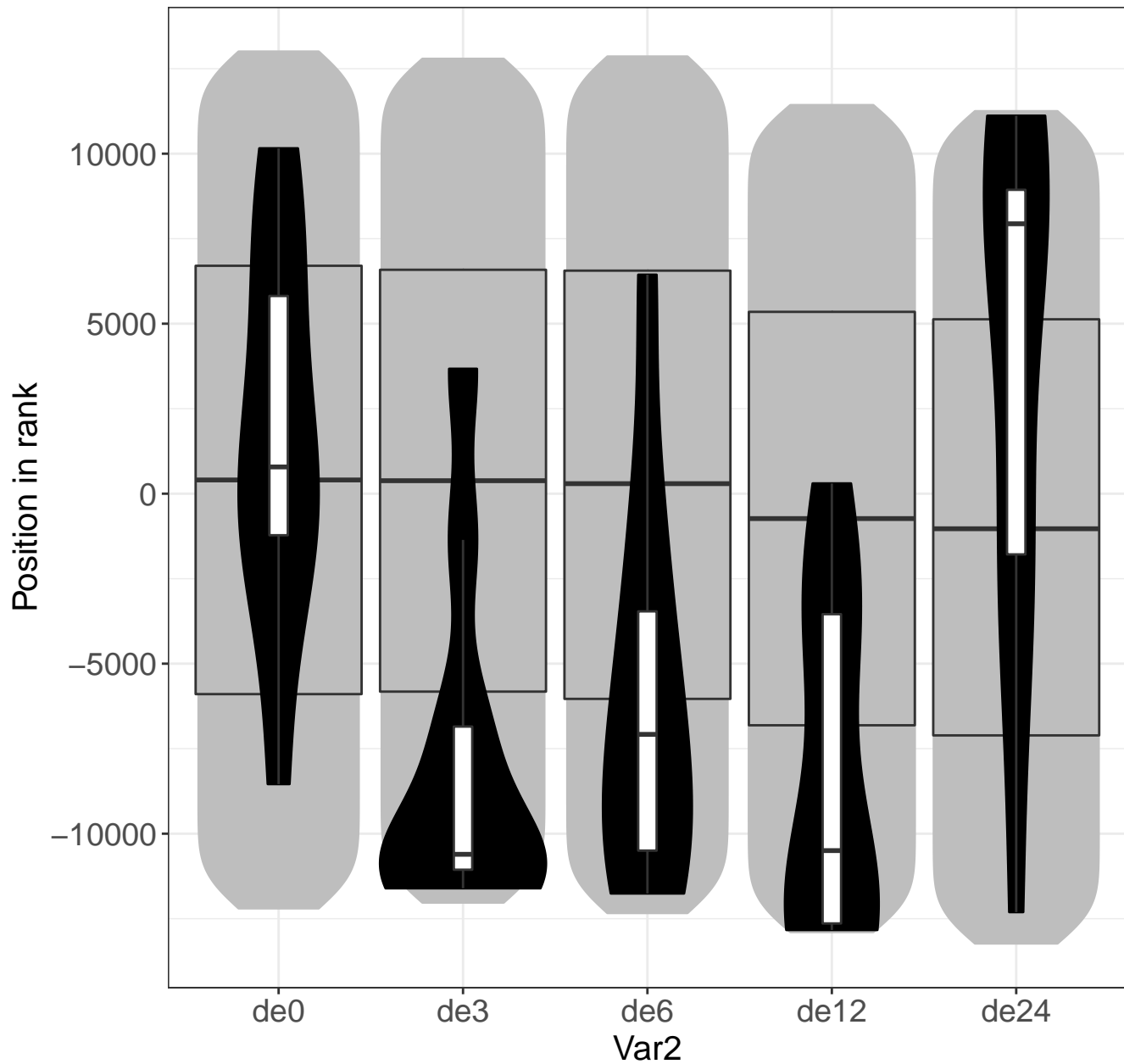
NOT_ASSIGNED_NO_ONTOLOGY_LATE_EMBRYOGENESIS_ABUNDANT_D



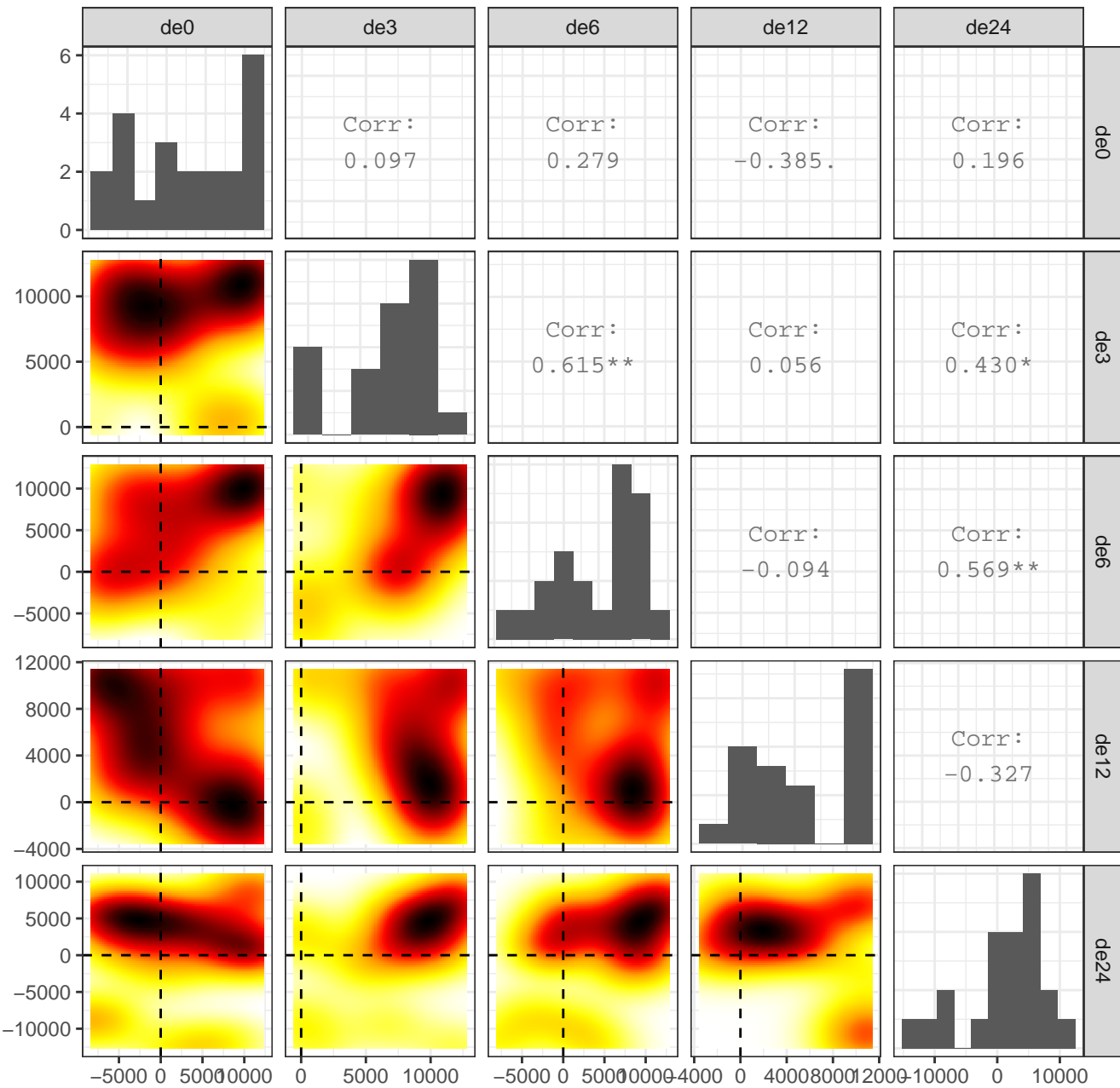
NOT_ASSIGNED_NO_ONTOLOGY_LATE_EMBRYOGENESIS_ABUNDANT_D



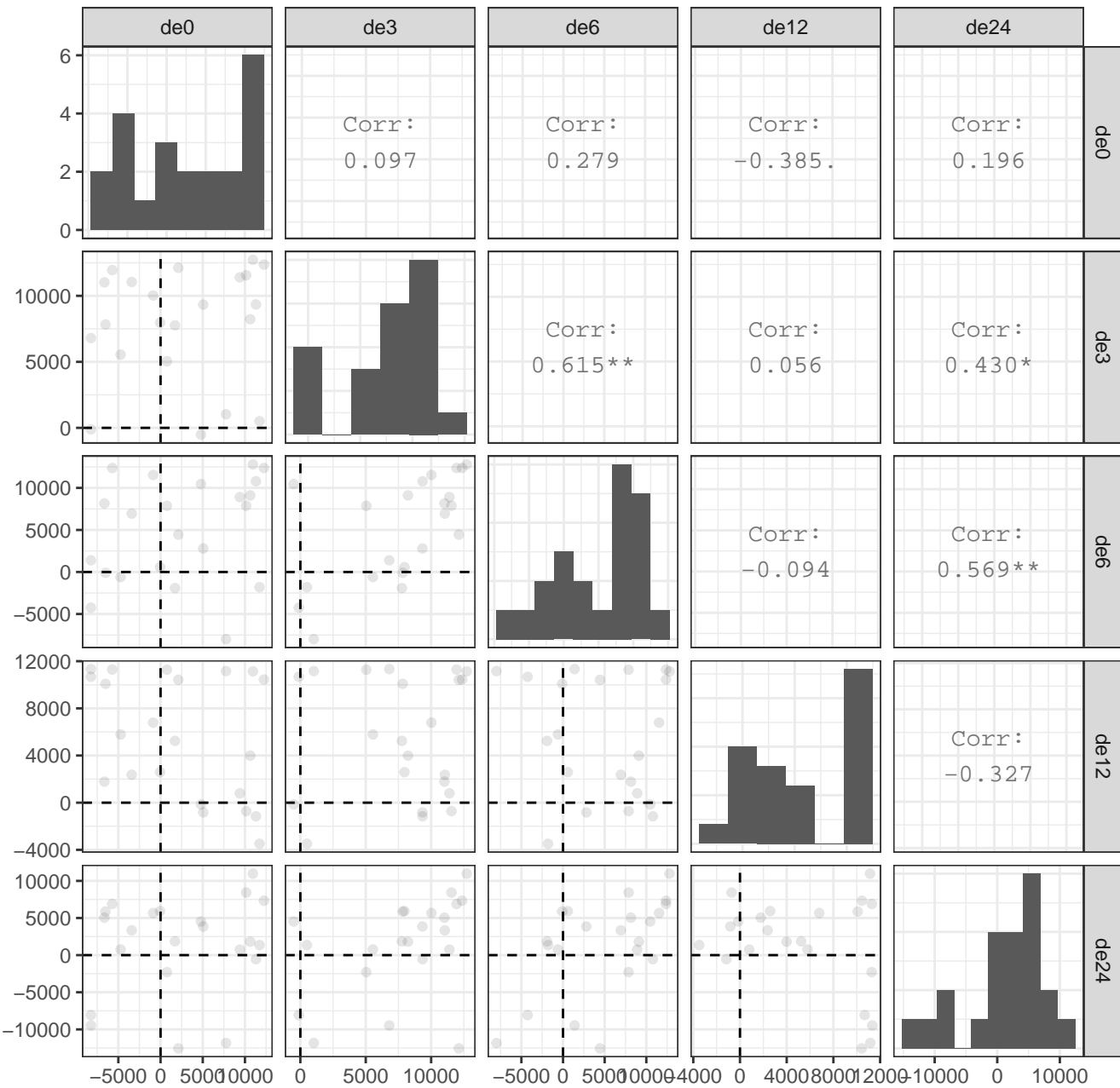
NOT_ASSIGNED_NO_ONTOLOGY_LATE_EMB



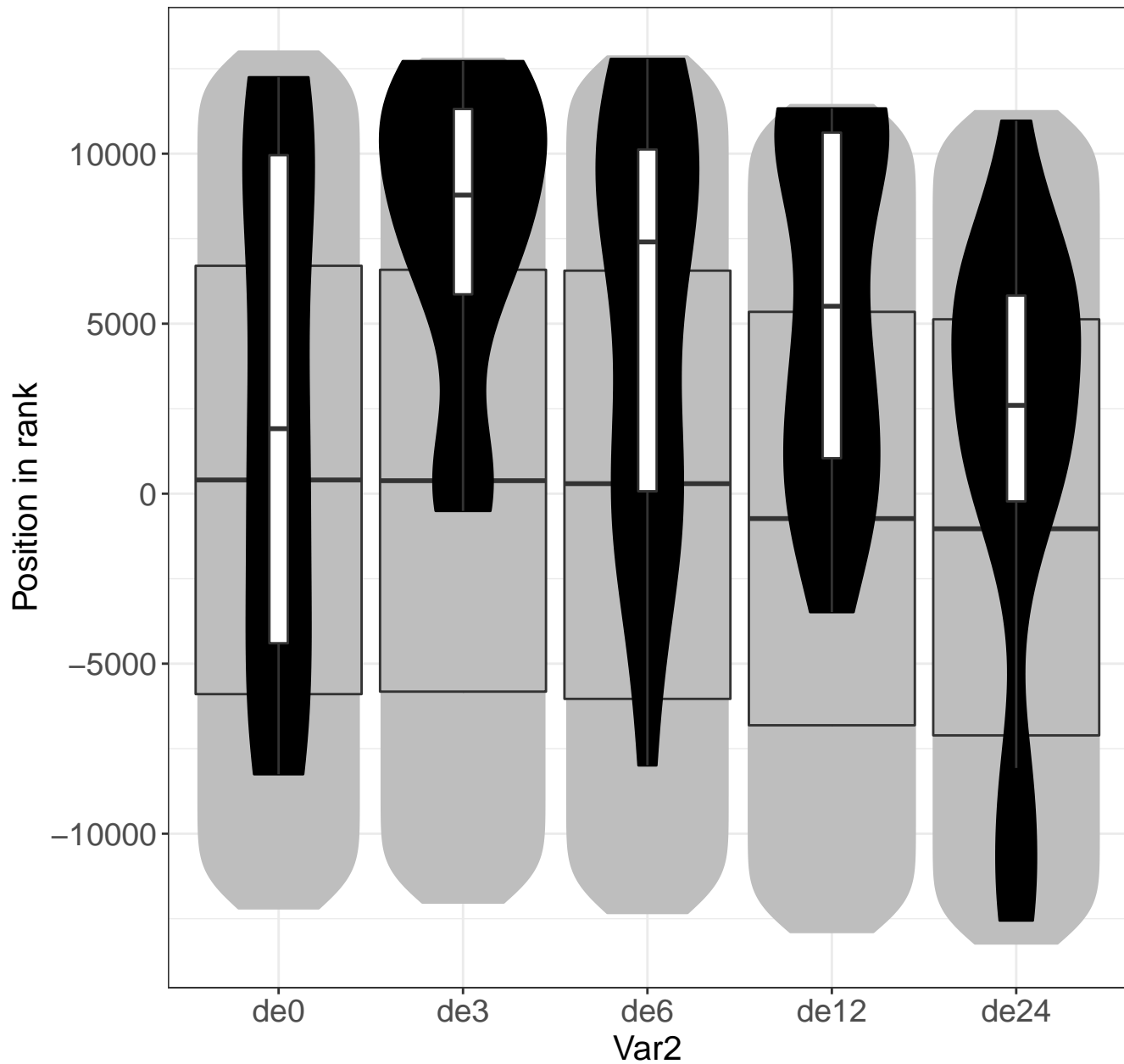
TRANSPORT_SUGARS



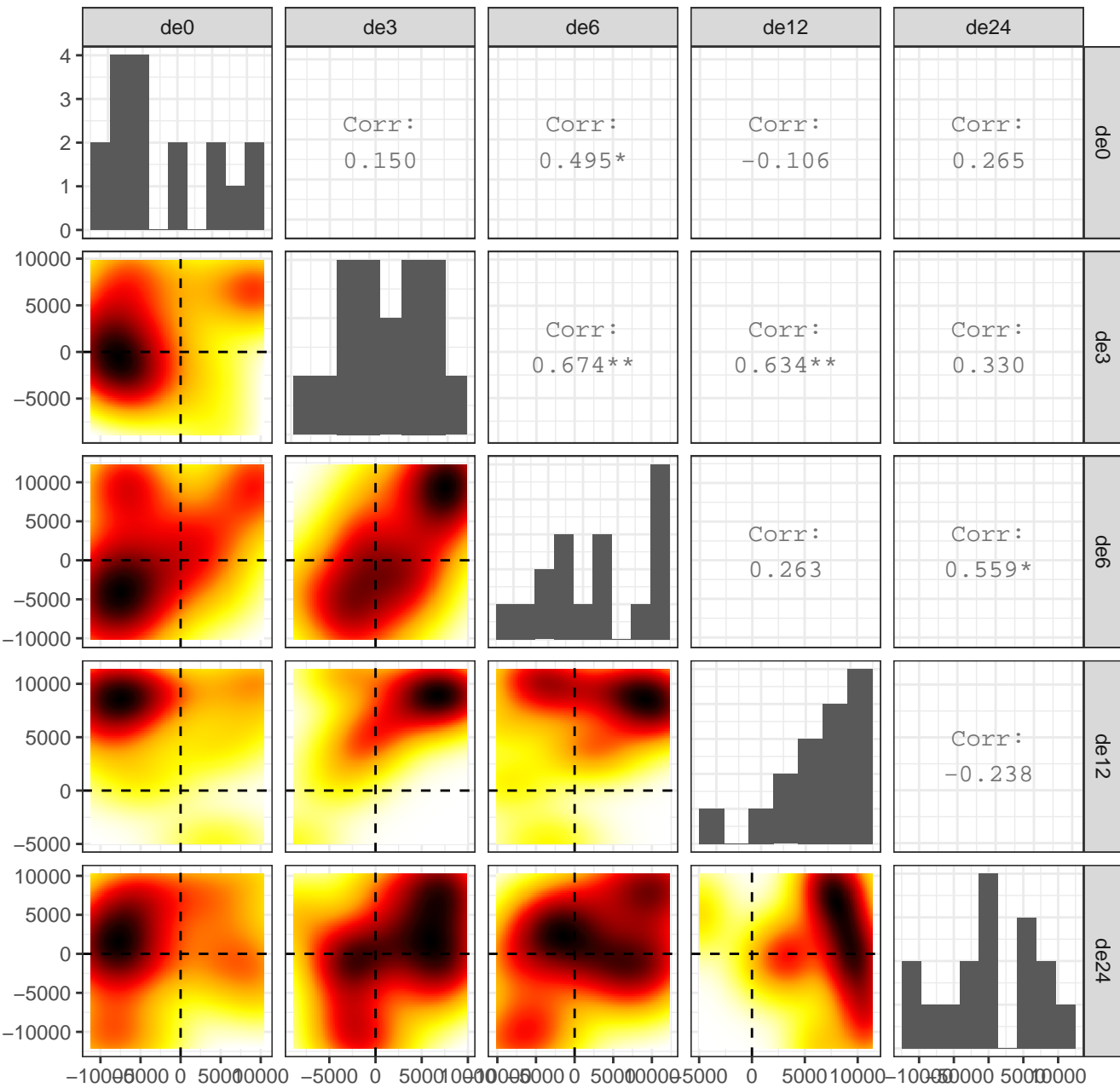
TRANSPORT_SUGARS



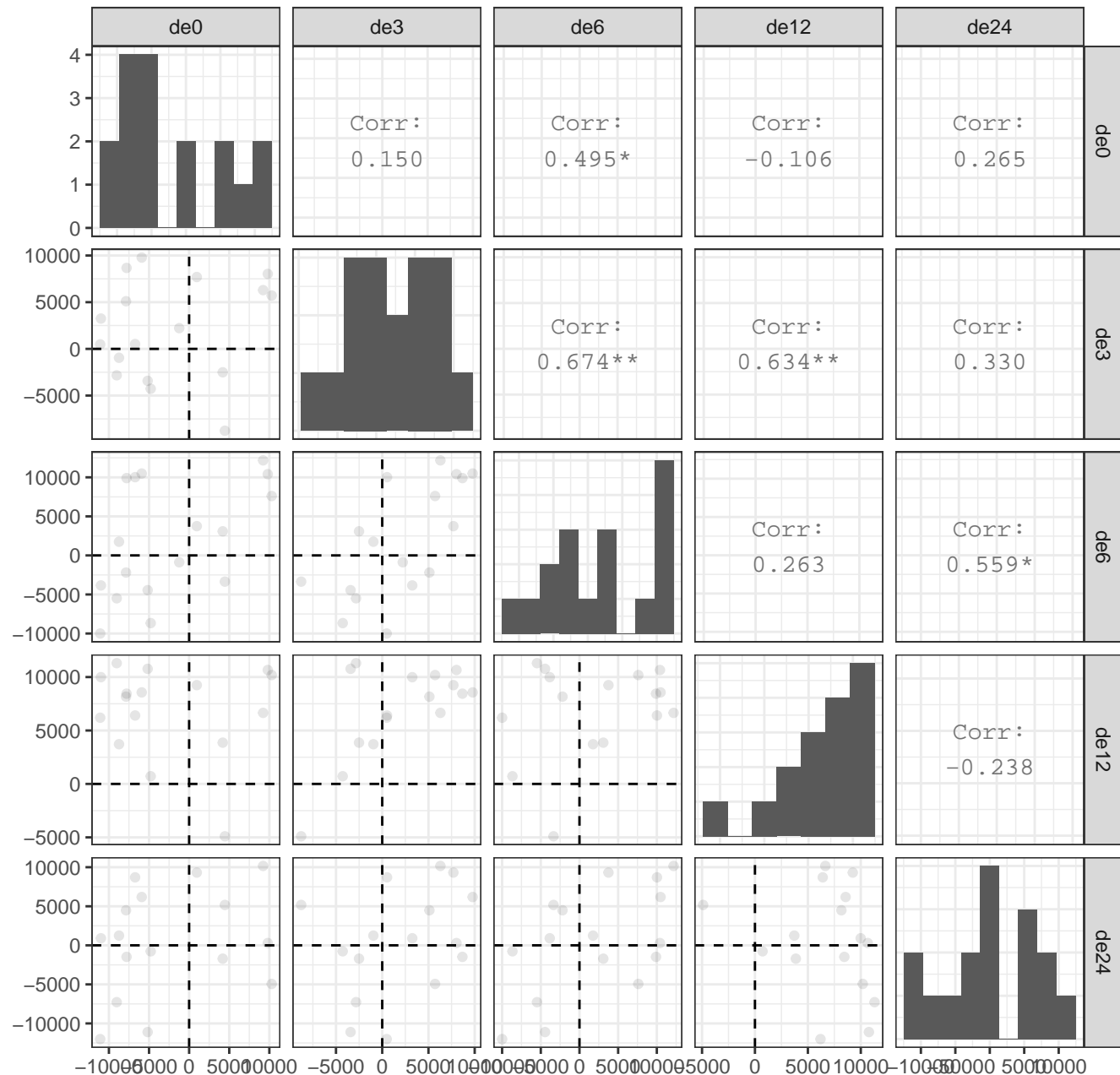
TRANSPORT_SUGARS



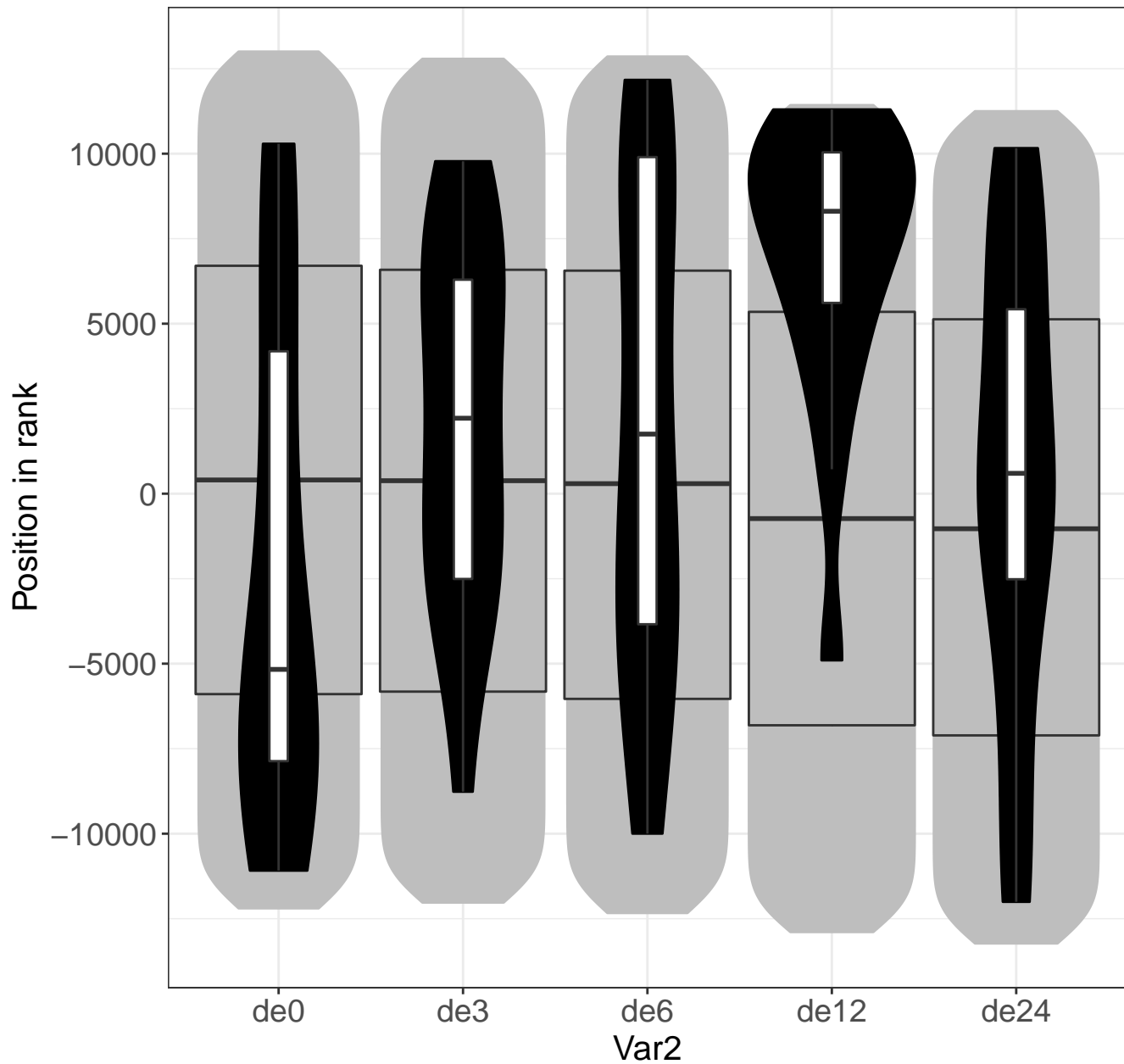
SIGNALLING_RECEPTOR_KINASES_LEUCINE_RICH_REPEAT_I



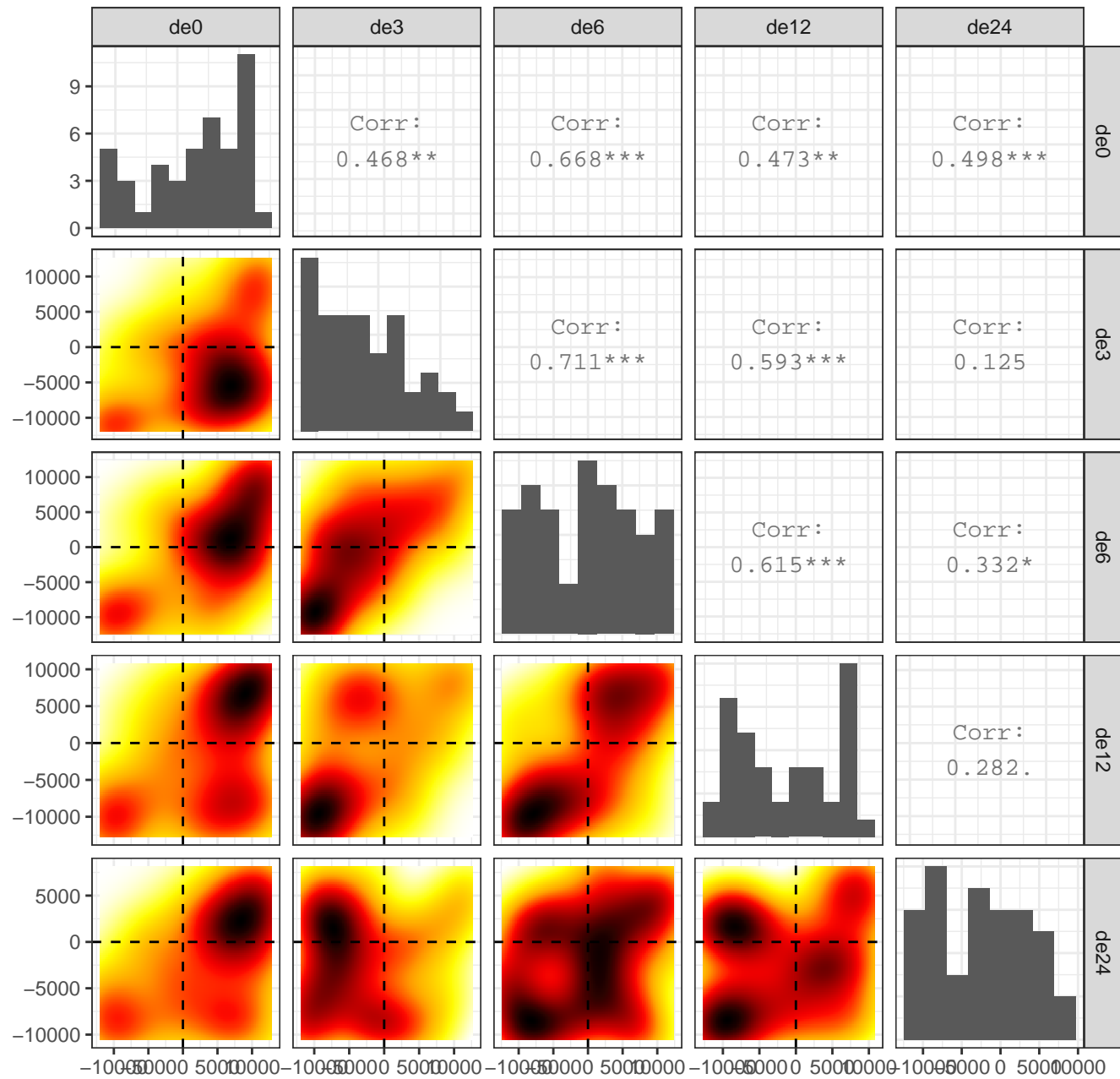
SIGNALLING_RECEPTOR_KINASES_LEUCINE_RICH_REPEAT_I



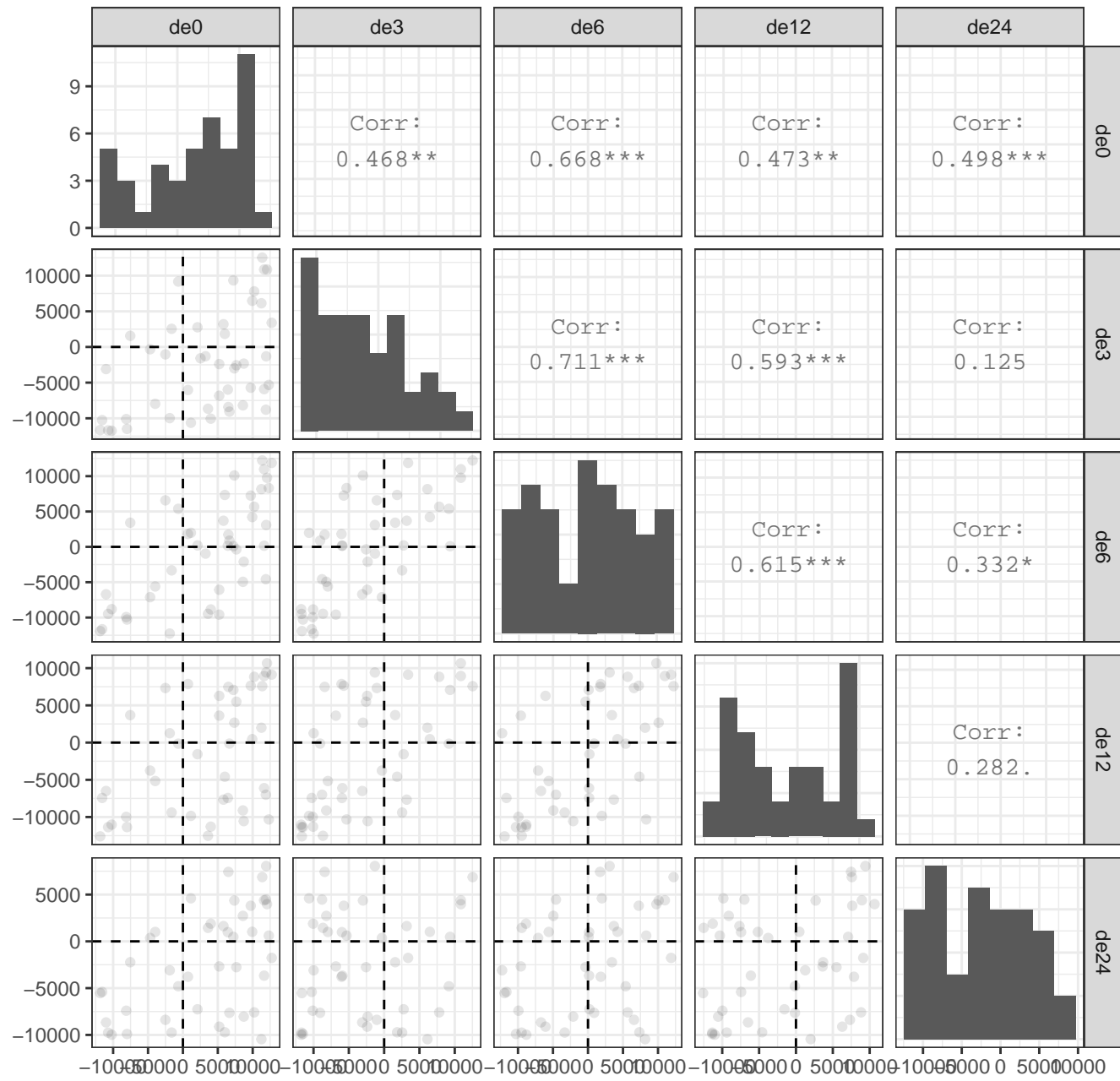
SIGNALLING_RECEPTOR_KINASES_LEUCINE



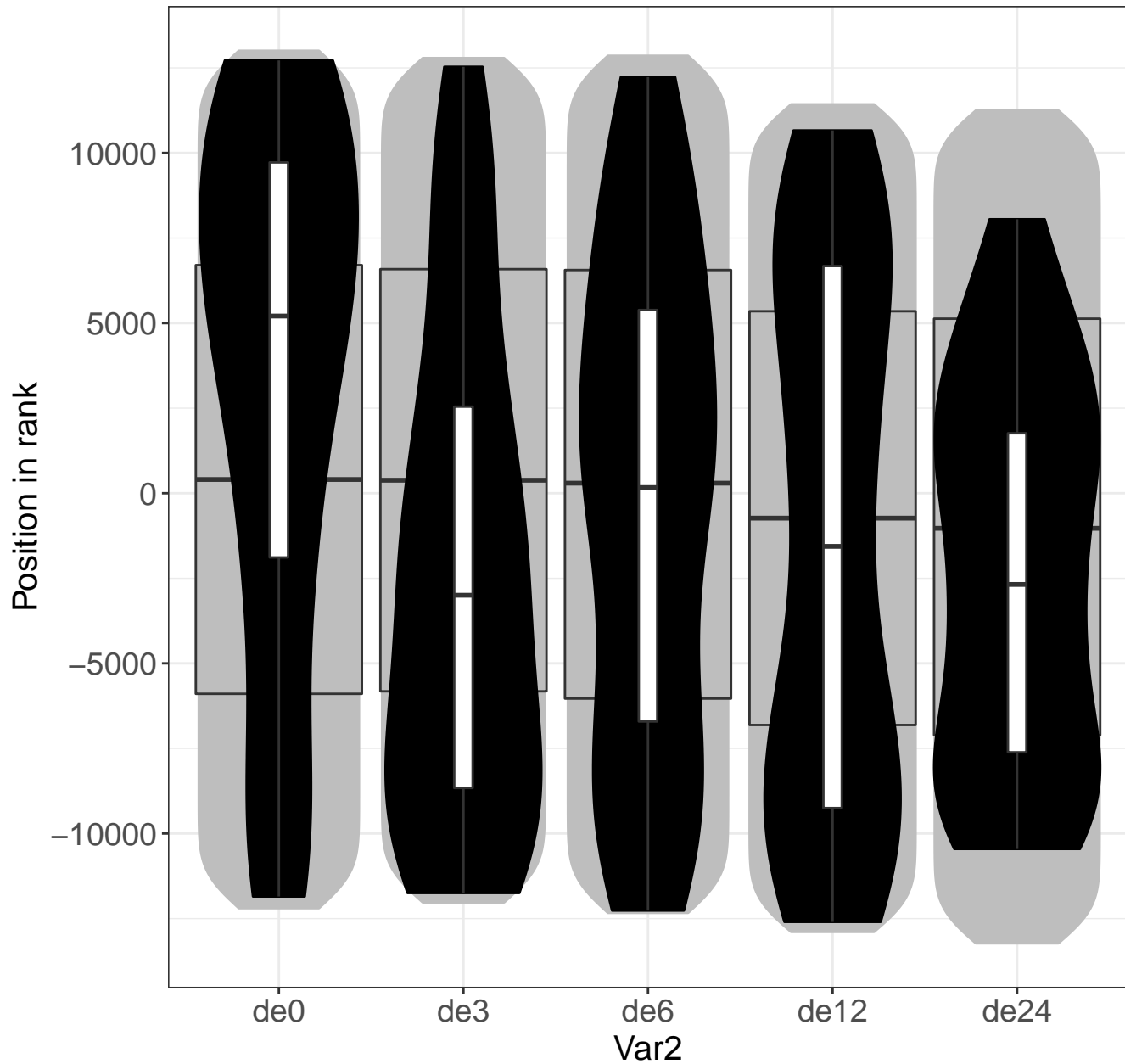
PROTEIN_SYNTHESIS_INITIATION



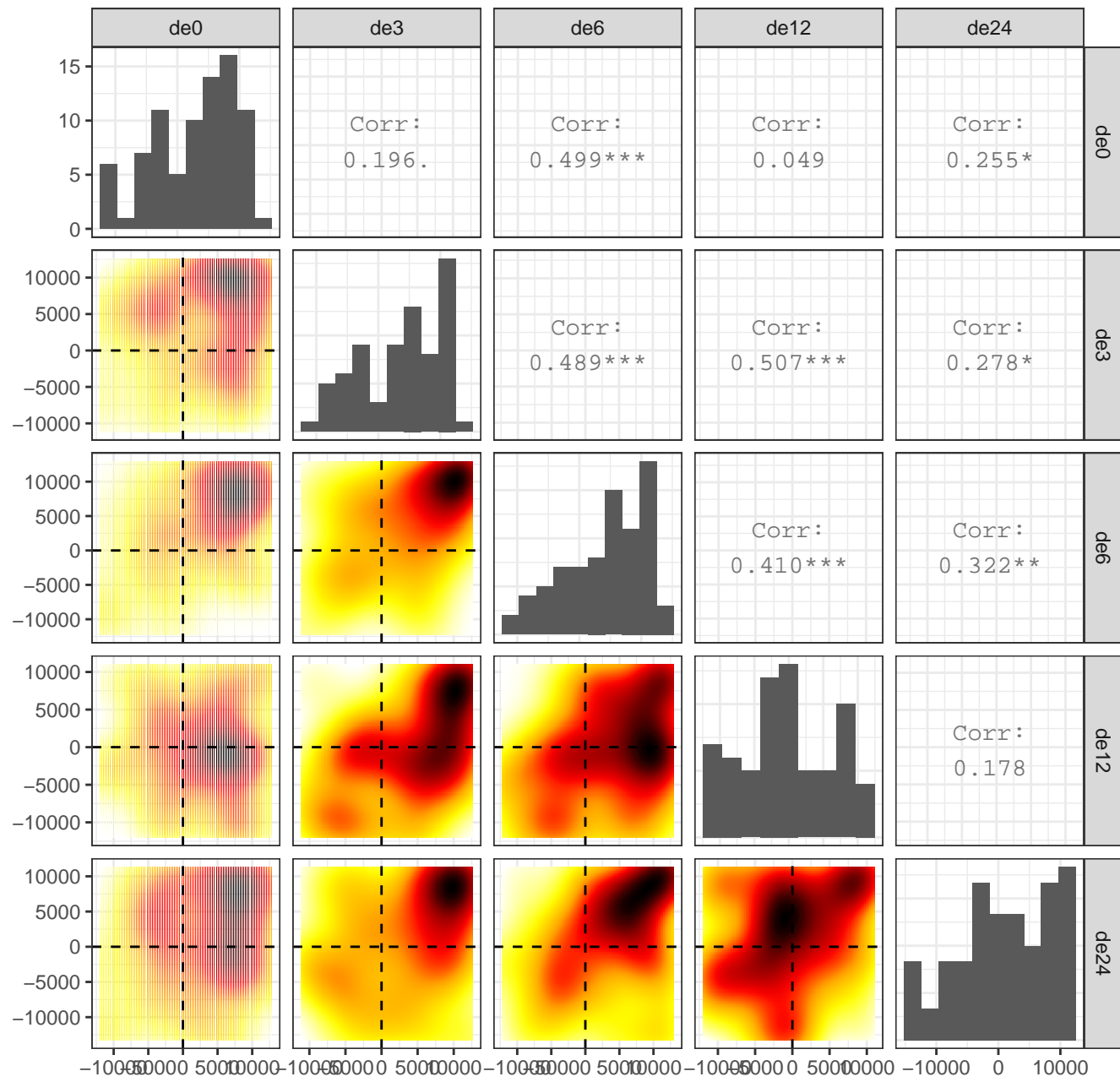
PROTEIN_SYNTHESIS_INITIATION



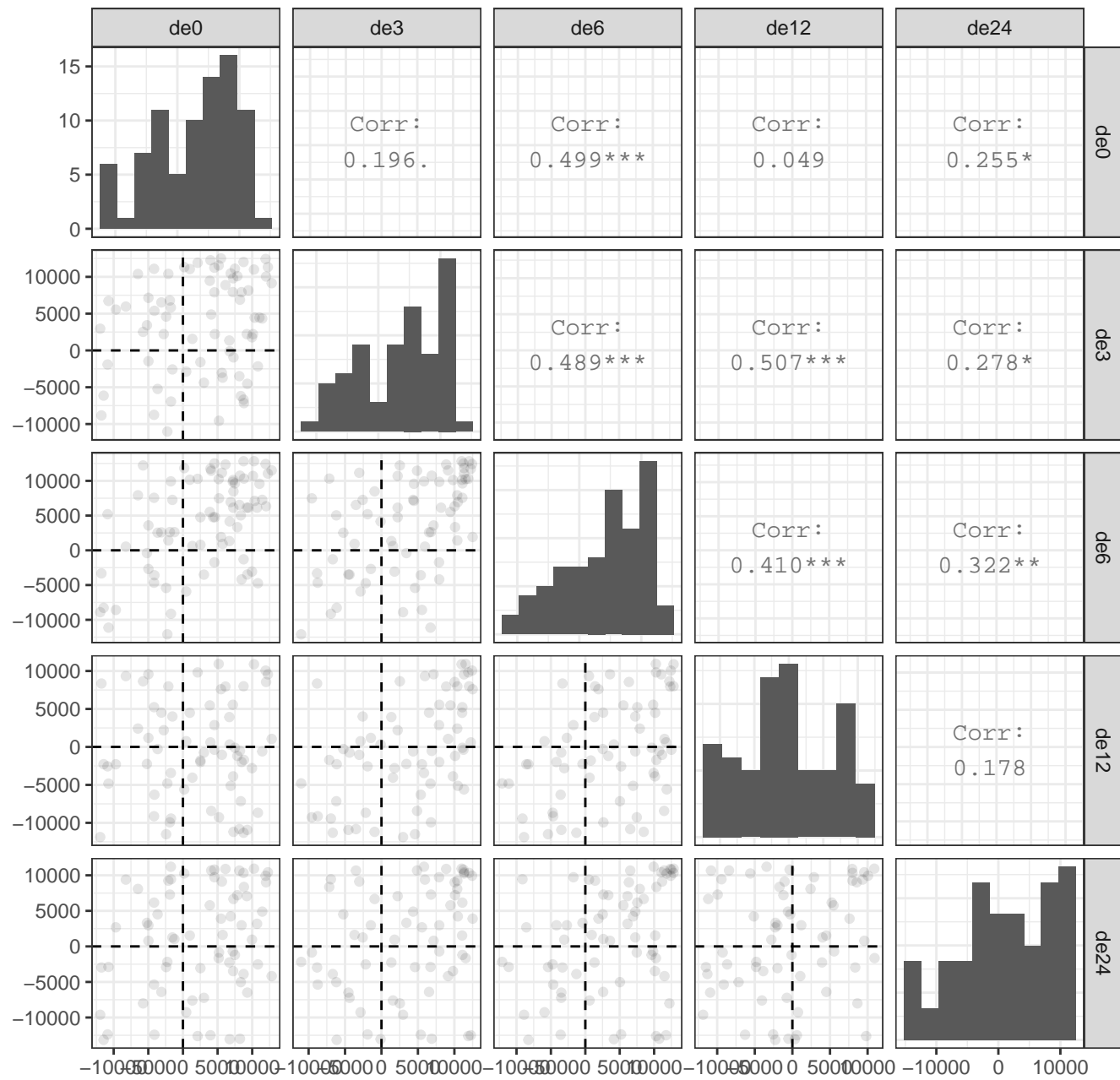
PROTEIN_SYNTHESIS_INITIATION



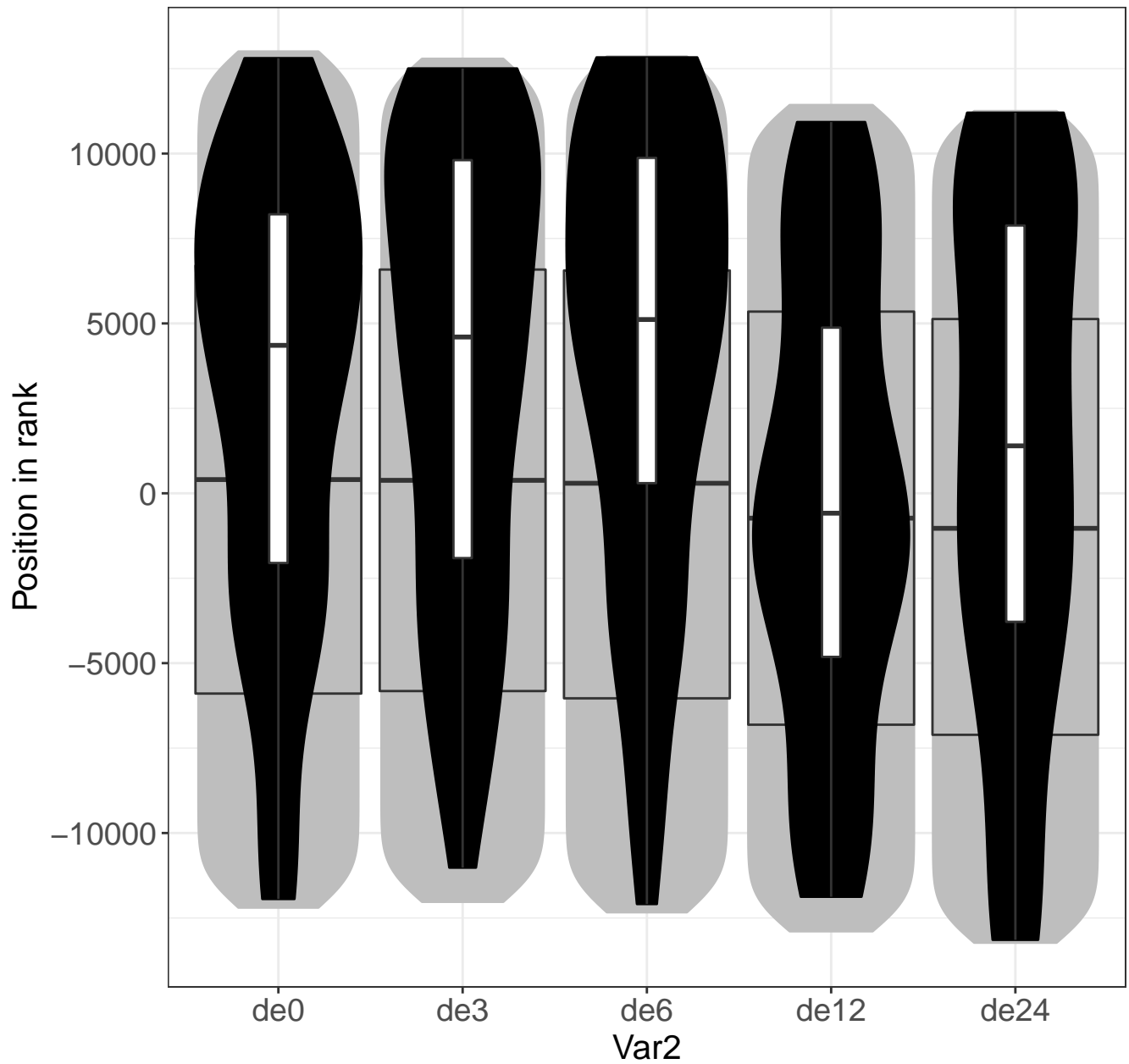
CELL_WALL_DEGRADATION_PECTATE_LYASES_AND_POLYGALACTURONA



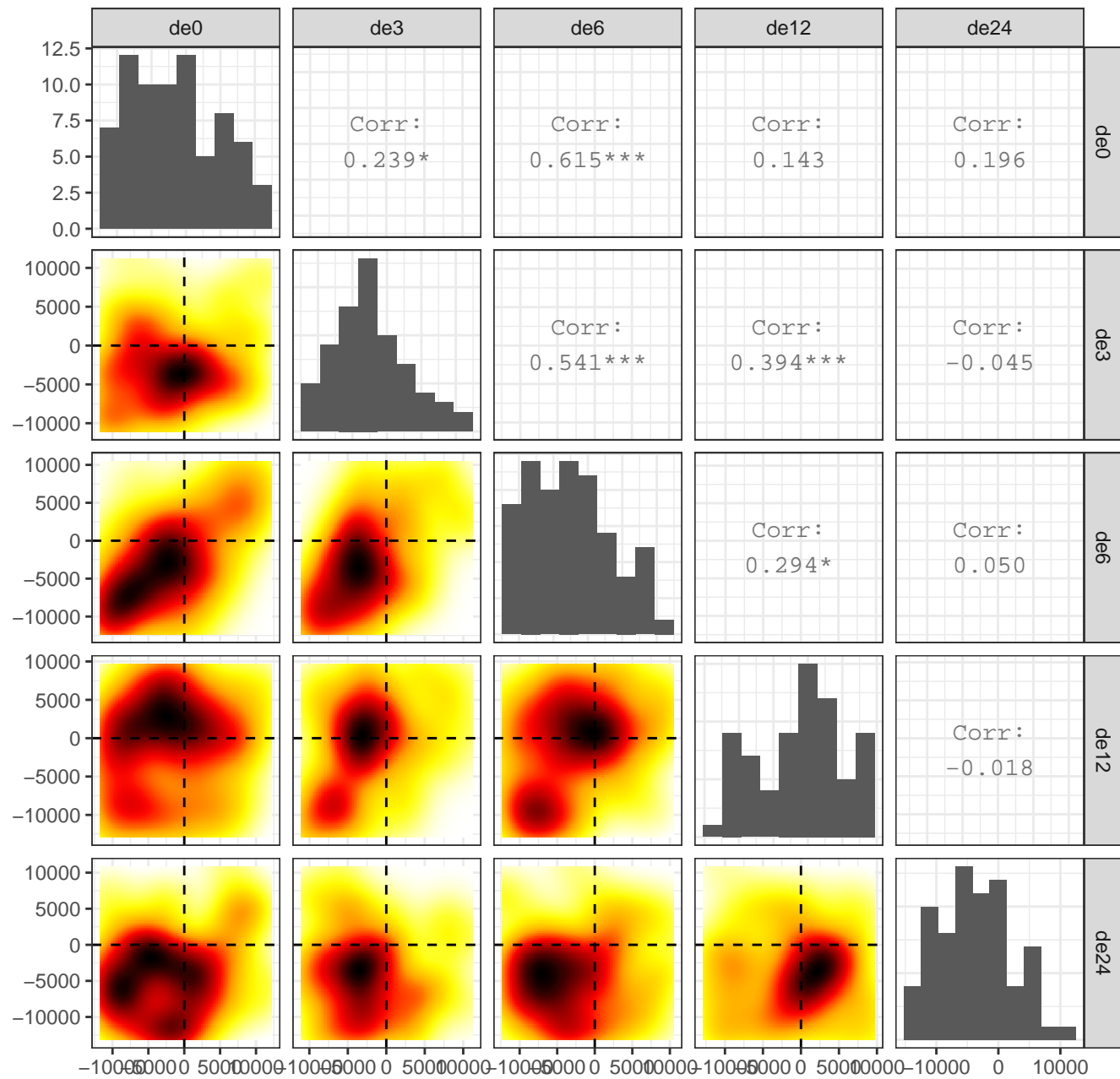
CELL_WALL_DEGRADATION_PECTATE_LYASES_AND_POLYGALACTURONA



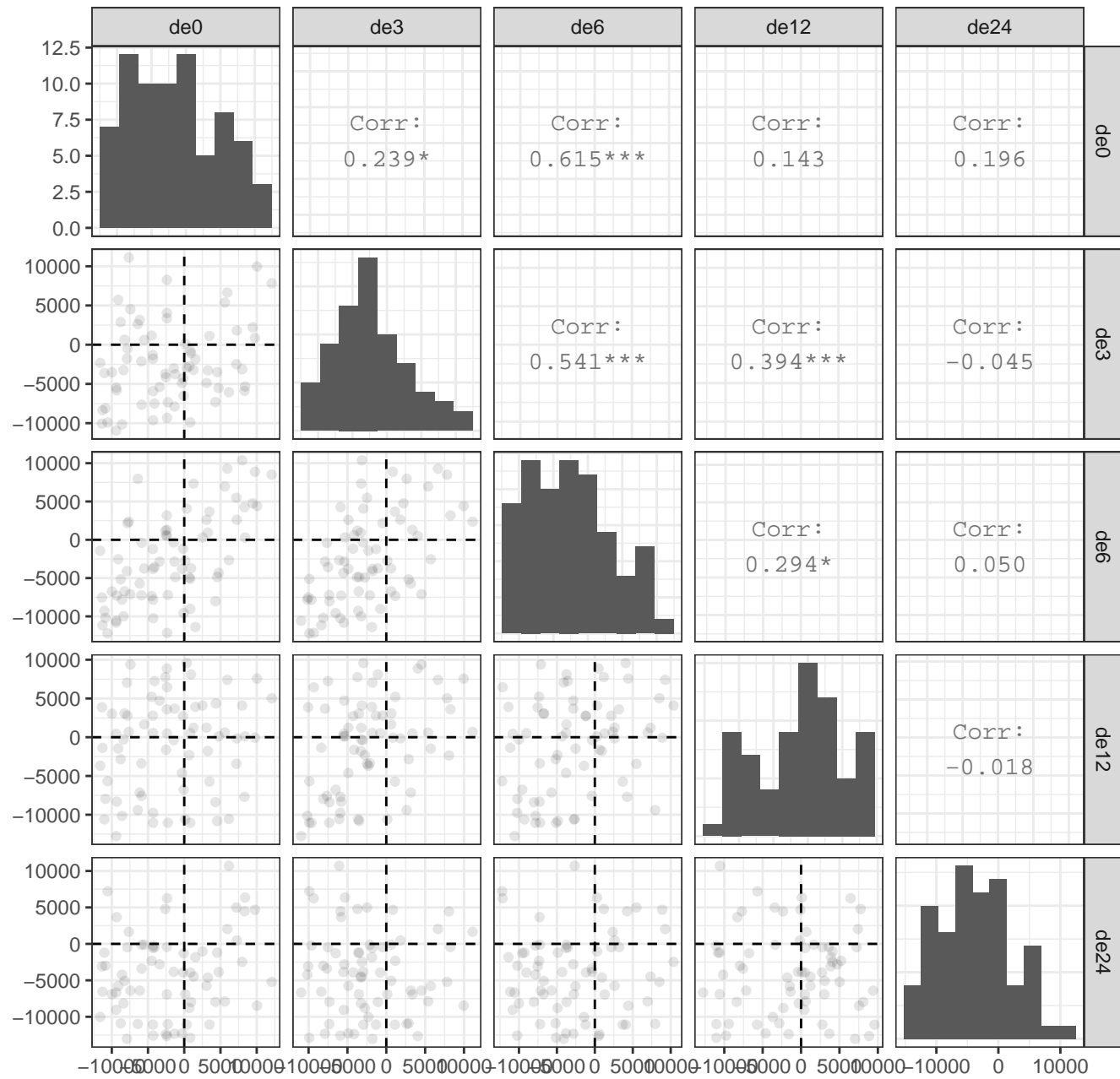
CELL_WALL_DEGRADATION_PECTATE_LYASE



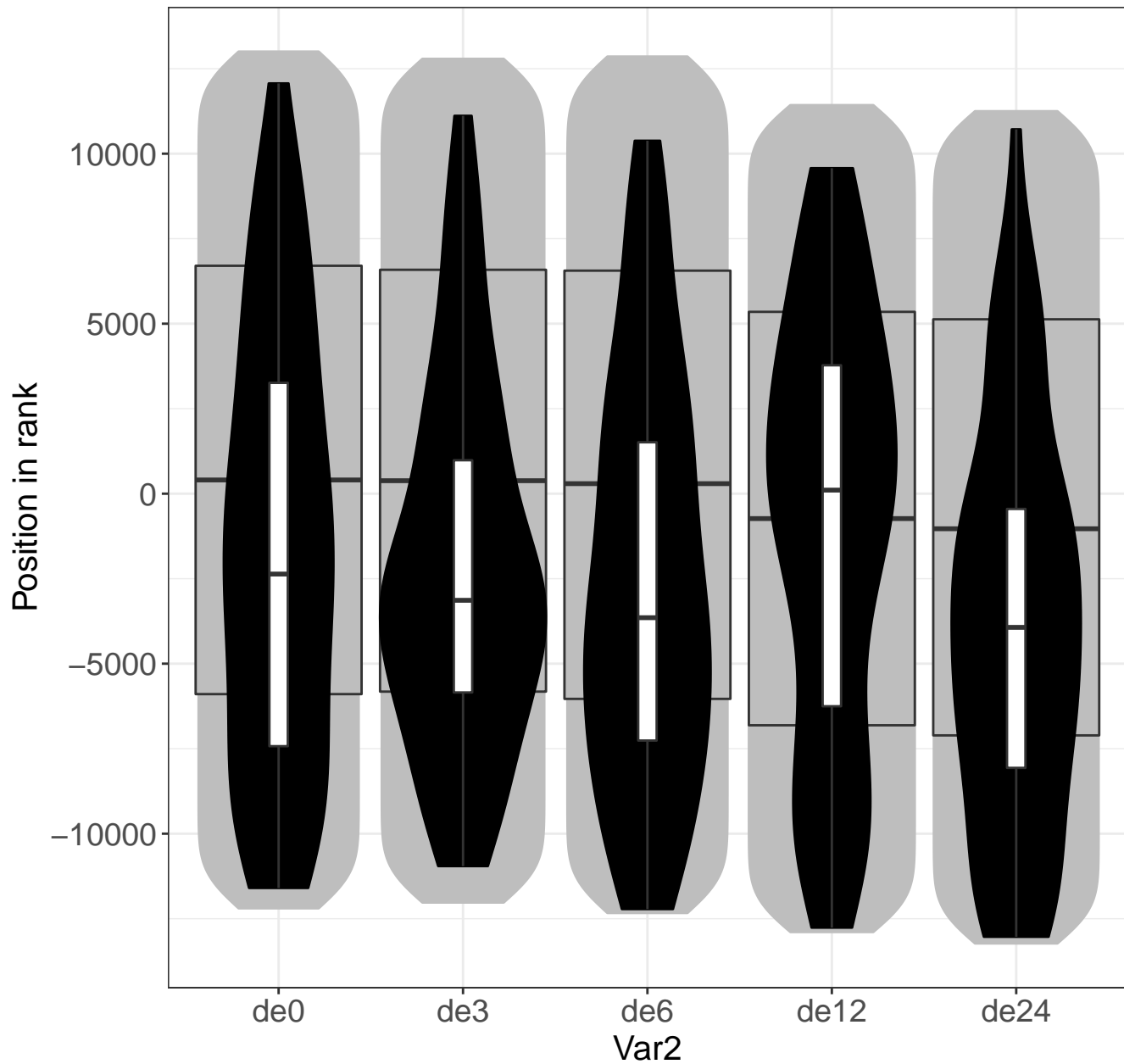
DNA_SYNTHESIS/CHROMATIN_STRUCTURE



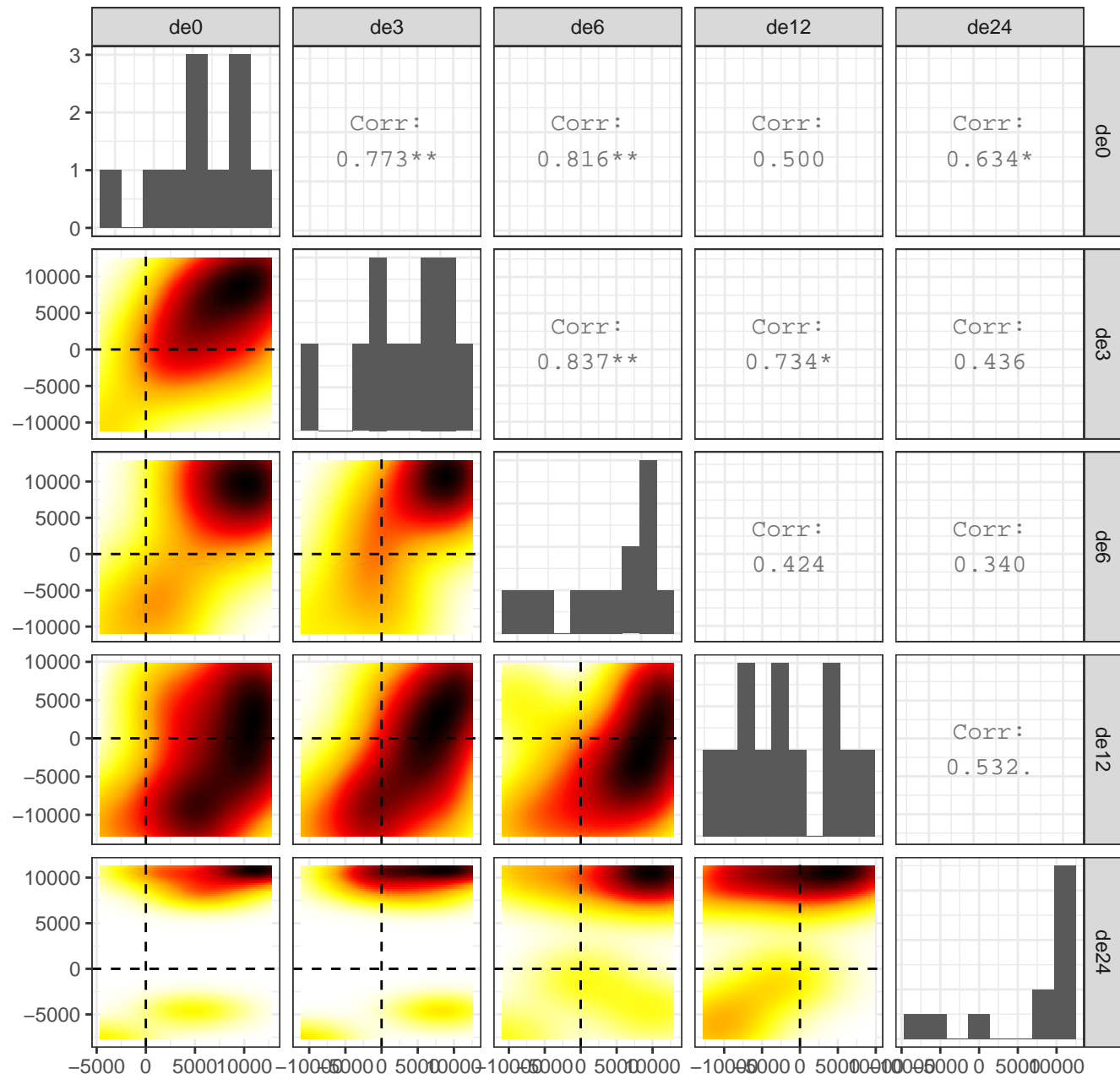
DNA_SYNTHESIS/CHROMATIN_STRUCTURE



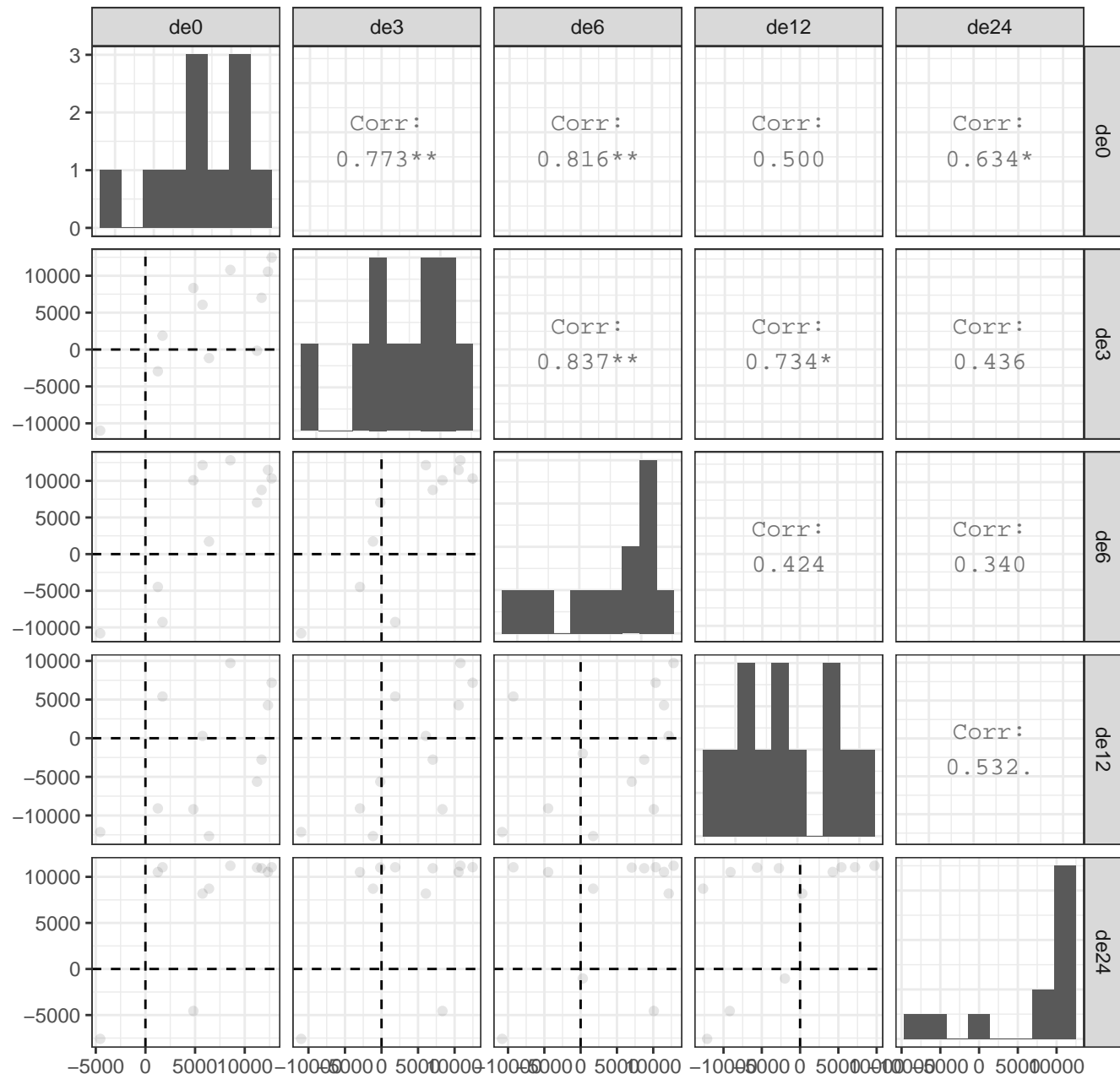
DNA_SYNTHESIS/CHROMATIN_STRUCTURE



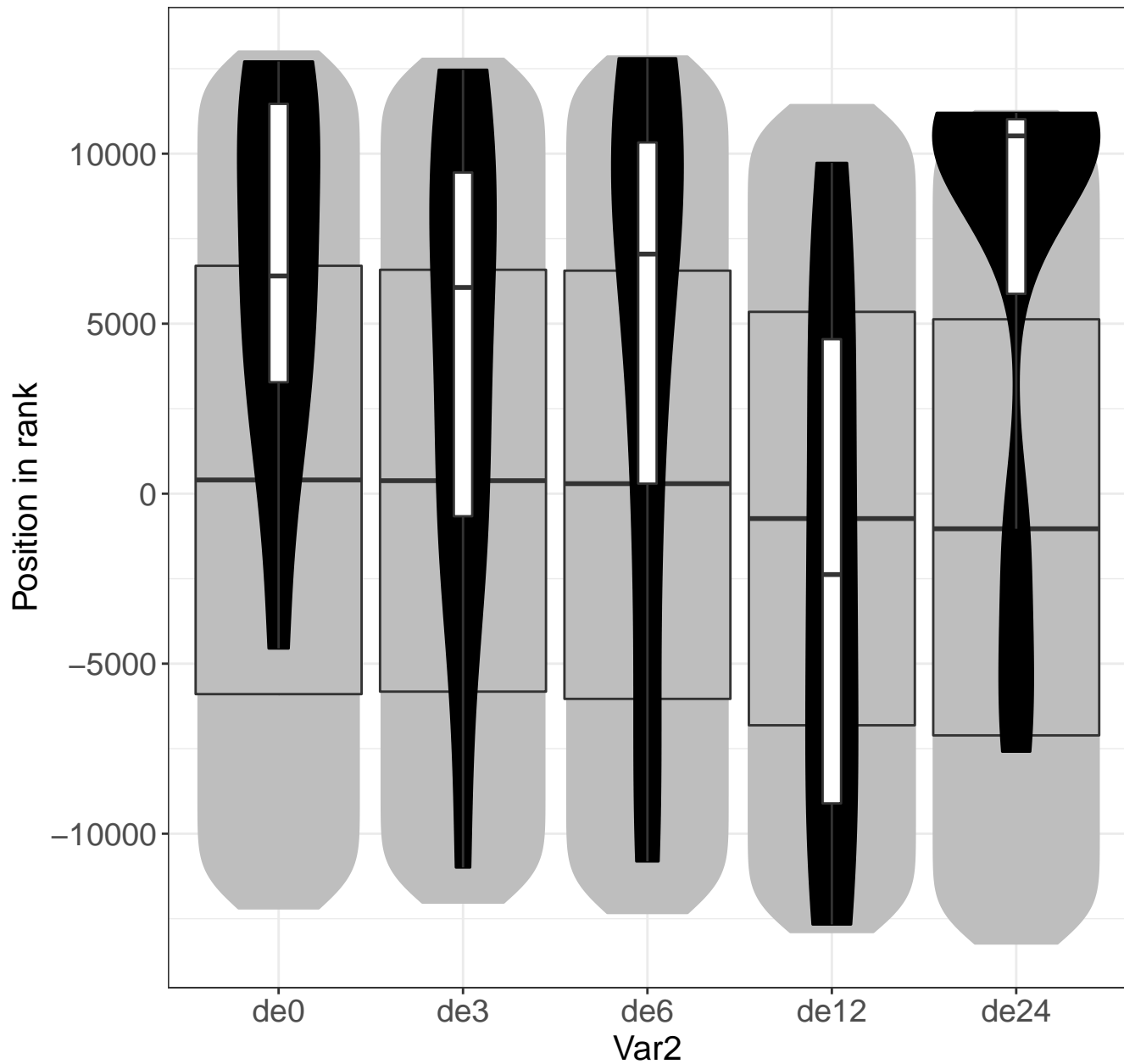
DEVELOPMENT_LATE_EMBRYOGENESIS_ABUNDANT



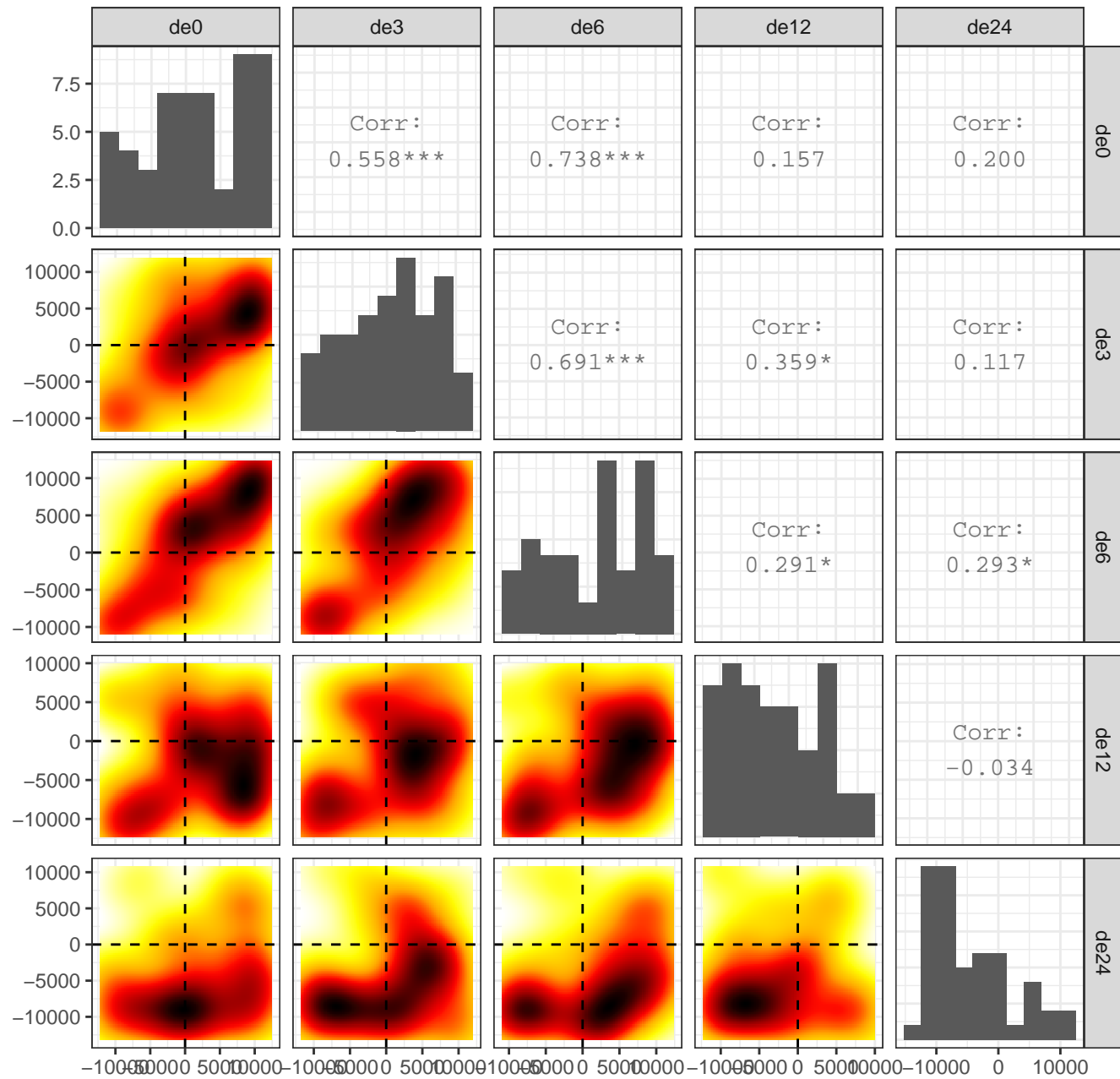
DEVELOPMENT_LATE_EMBRYOGENESIS_ABUNDANT



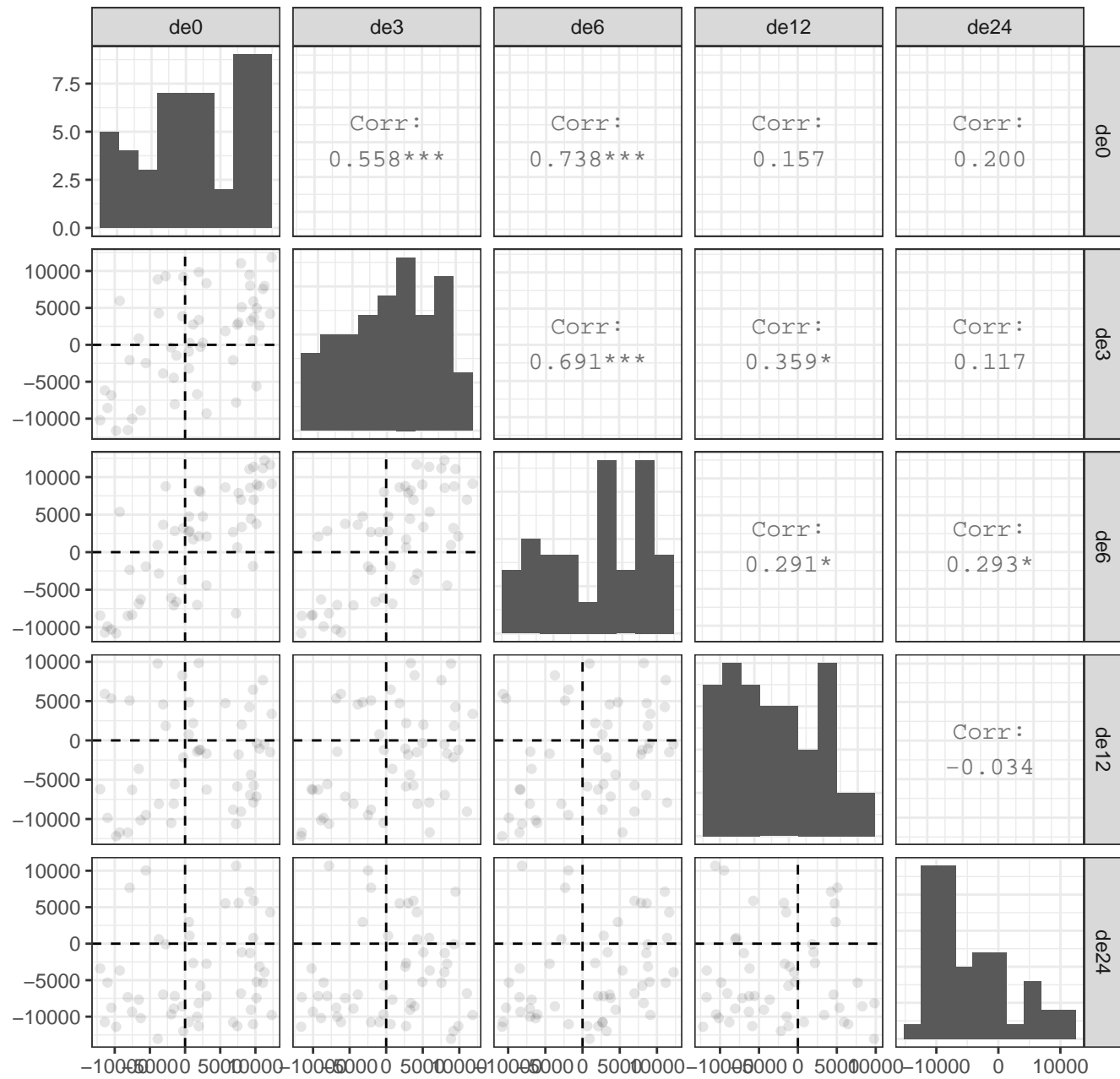
DEVELOPMENT_LATE_EMBRYOGENESIS_AB



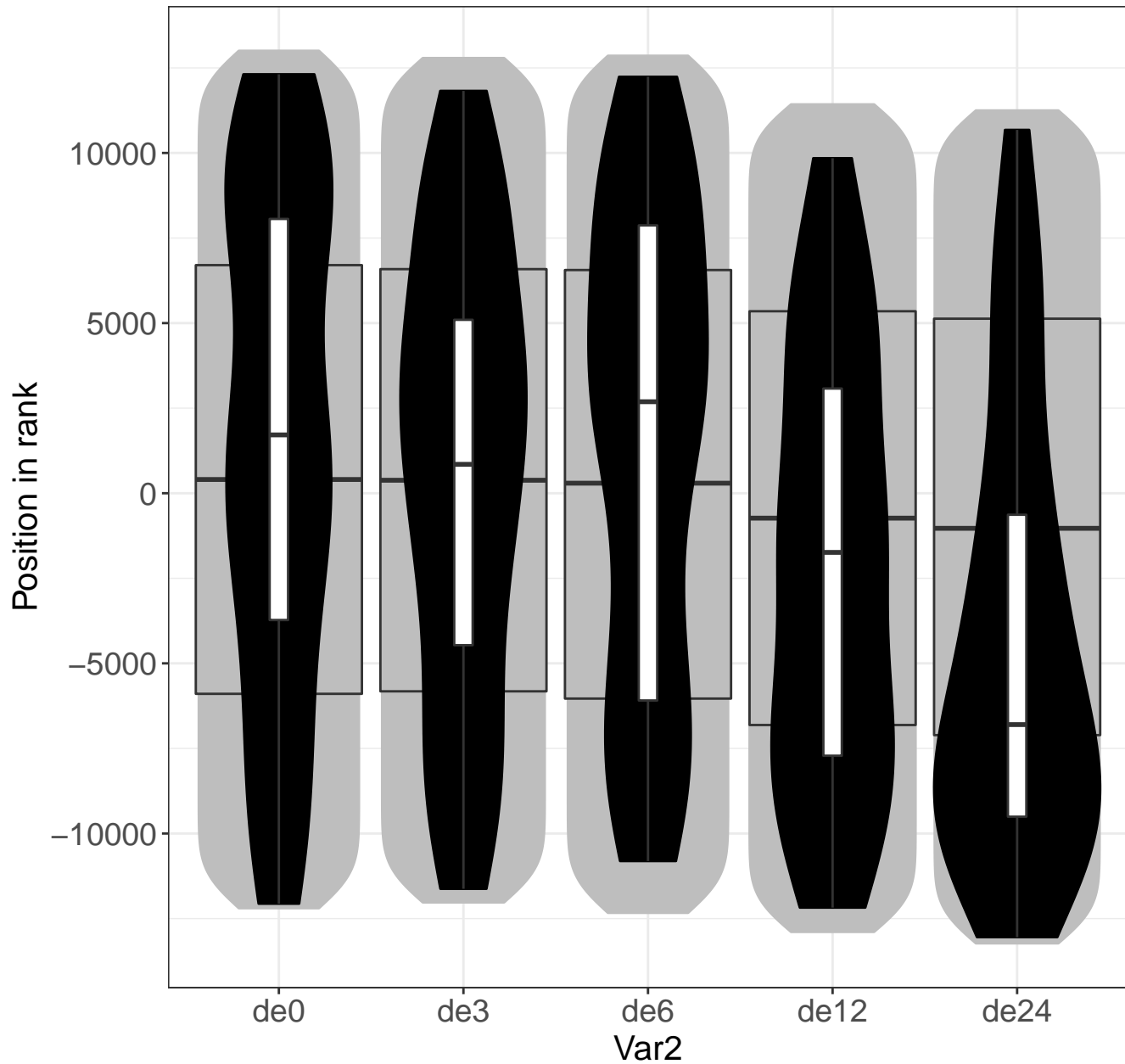
RNA_PROCESSING



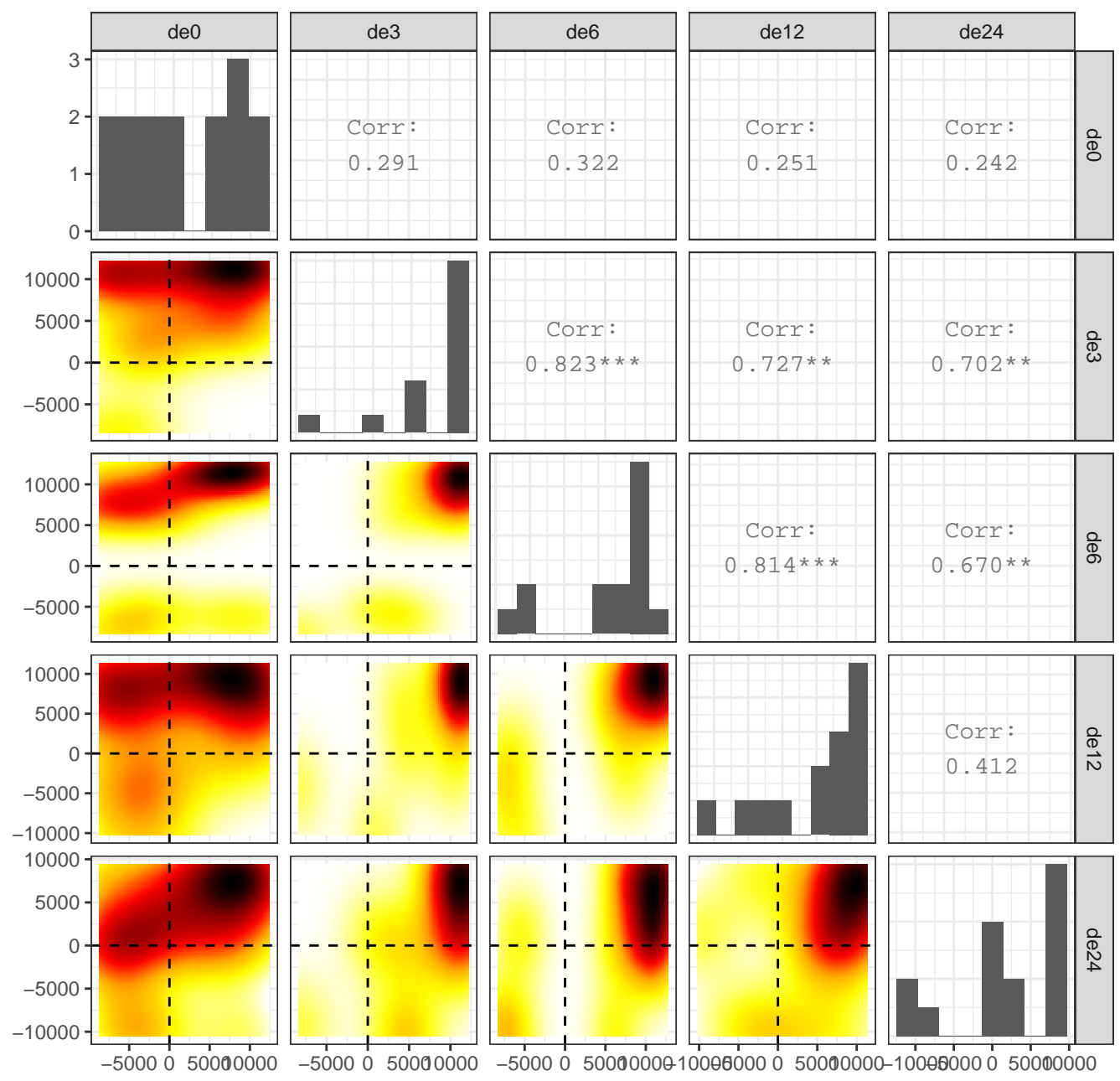
RNA_PROCESSING



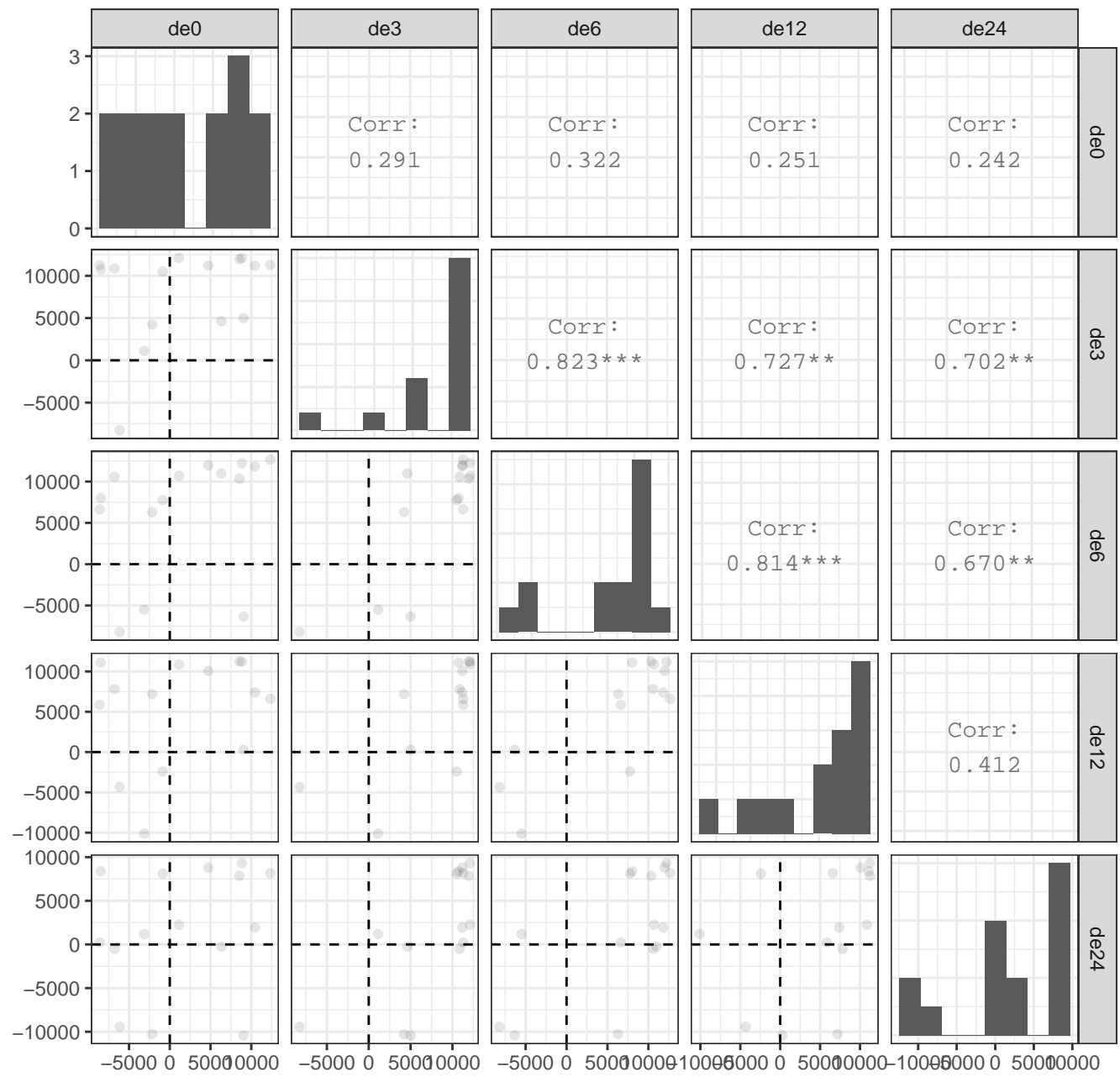
RNA_PROCESSING



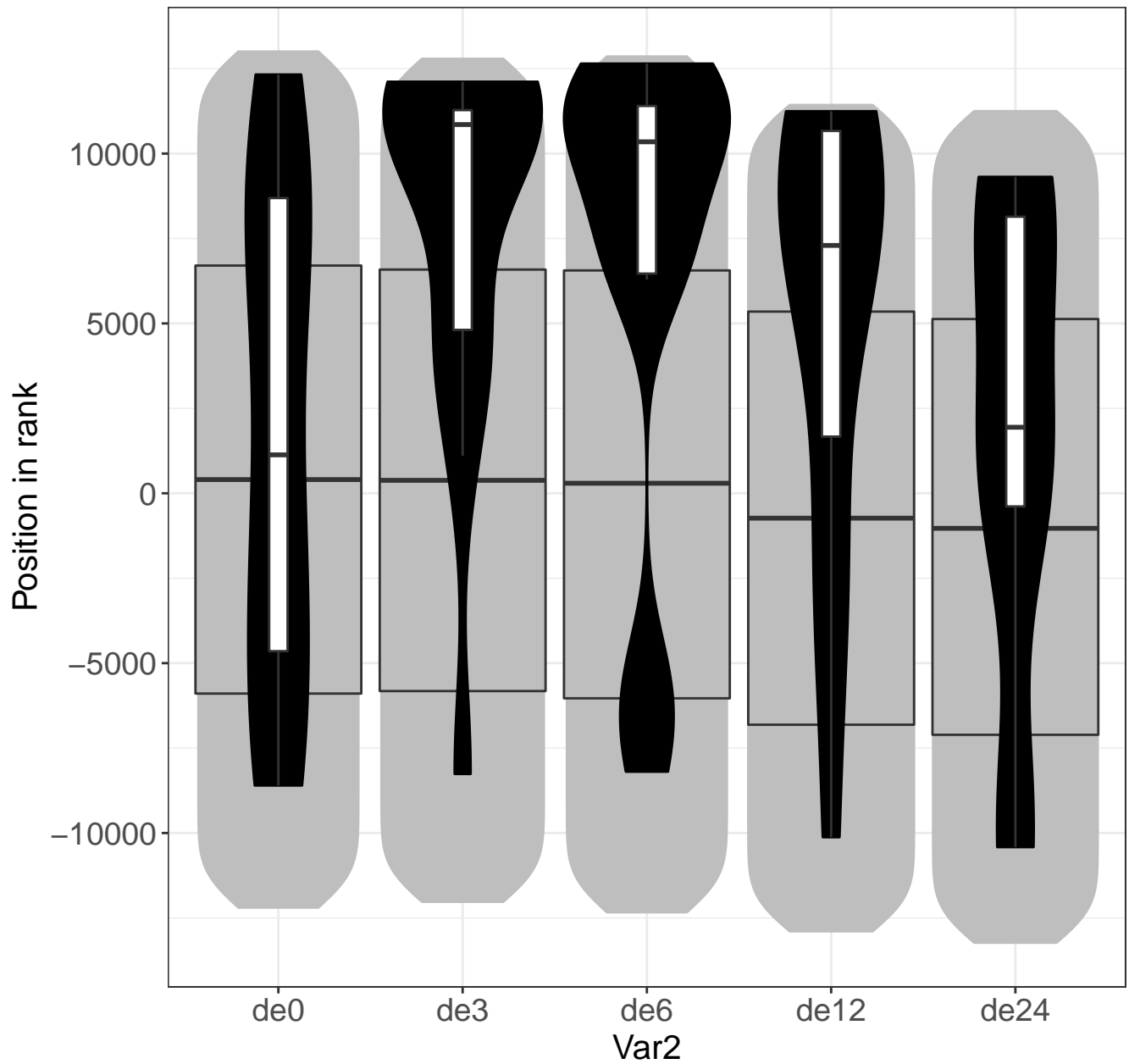
TRANSPORT_METABOLITE_TRANSPORTERS_AT_THE_ENVELOPE_MEMBER



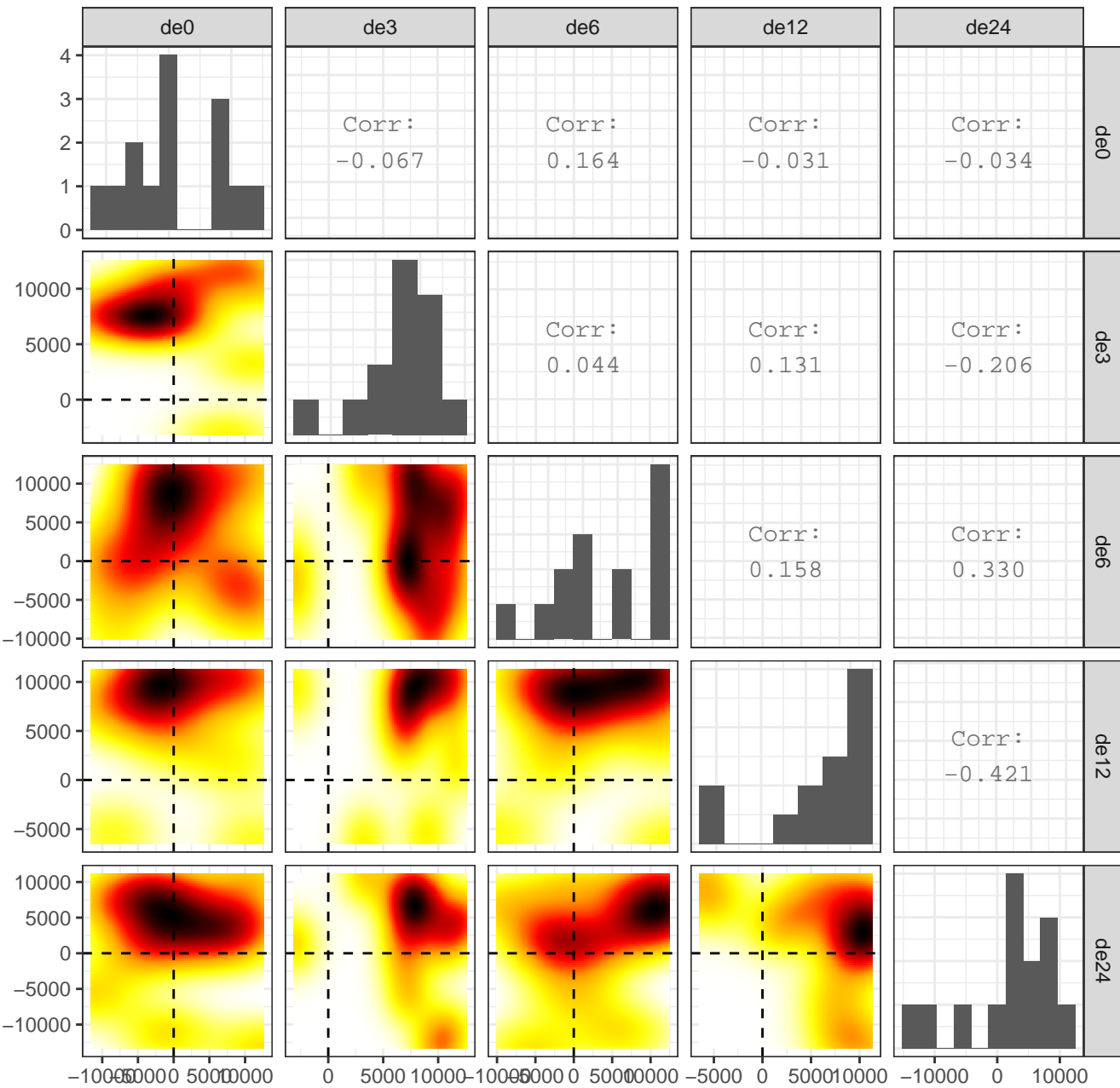
TRANSPORT_METABOLITE_TRANSPORTERS_AT_THE_ENVELOPE_MEMBER



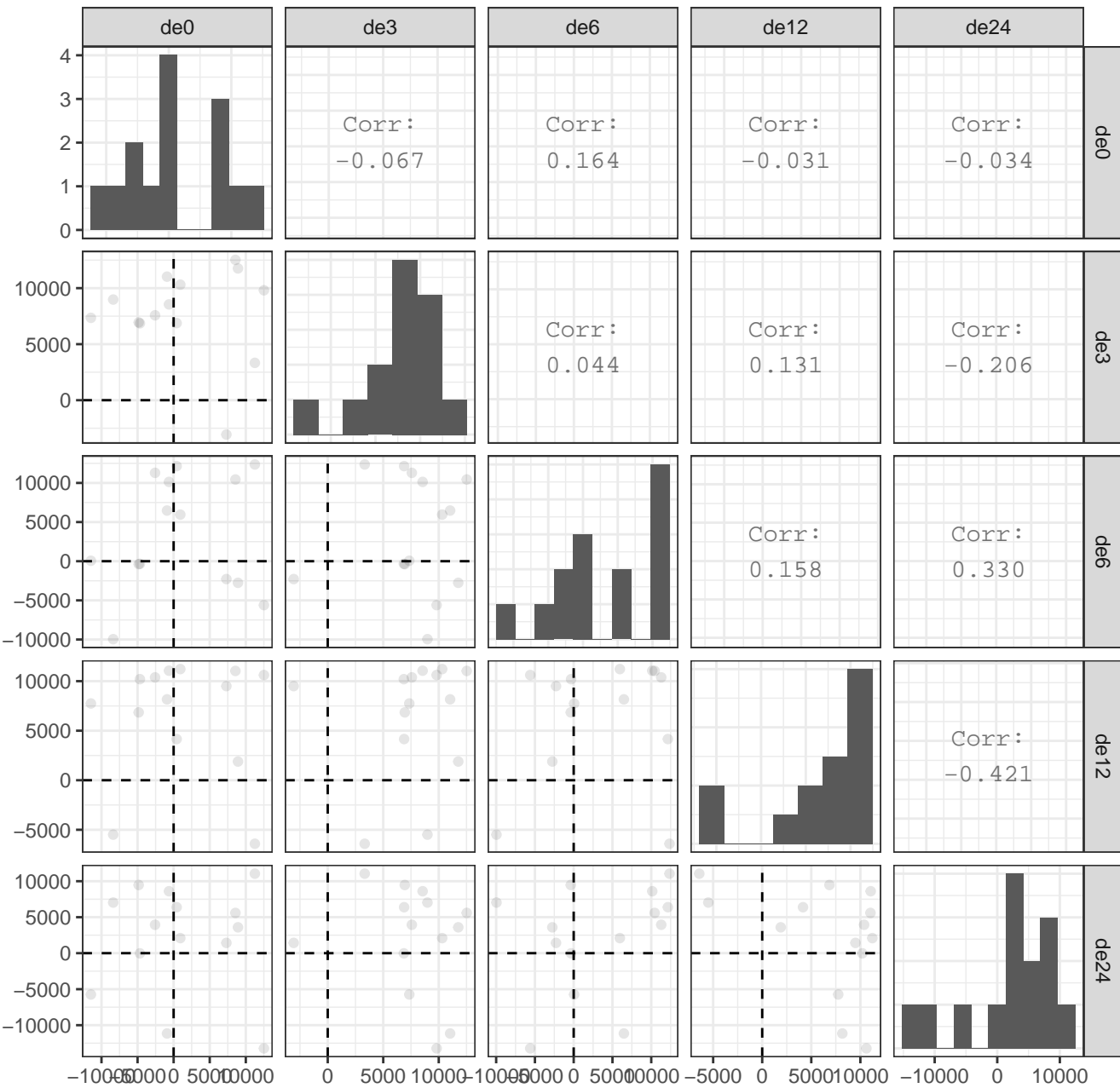
TRANSPORT_METABOLITE_TRANSPORTERS



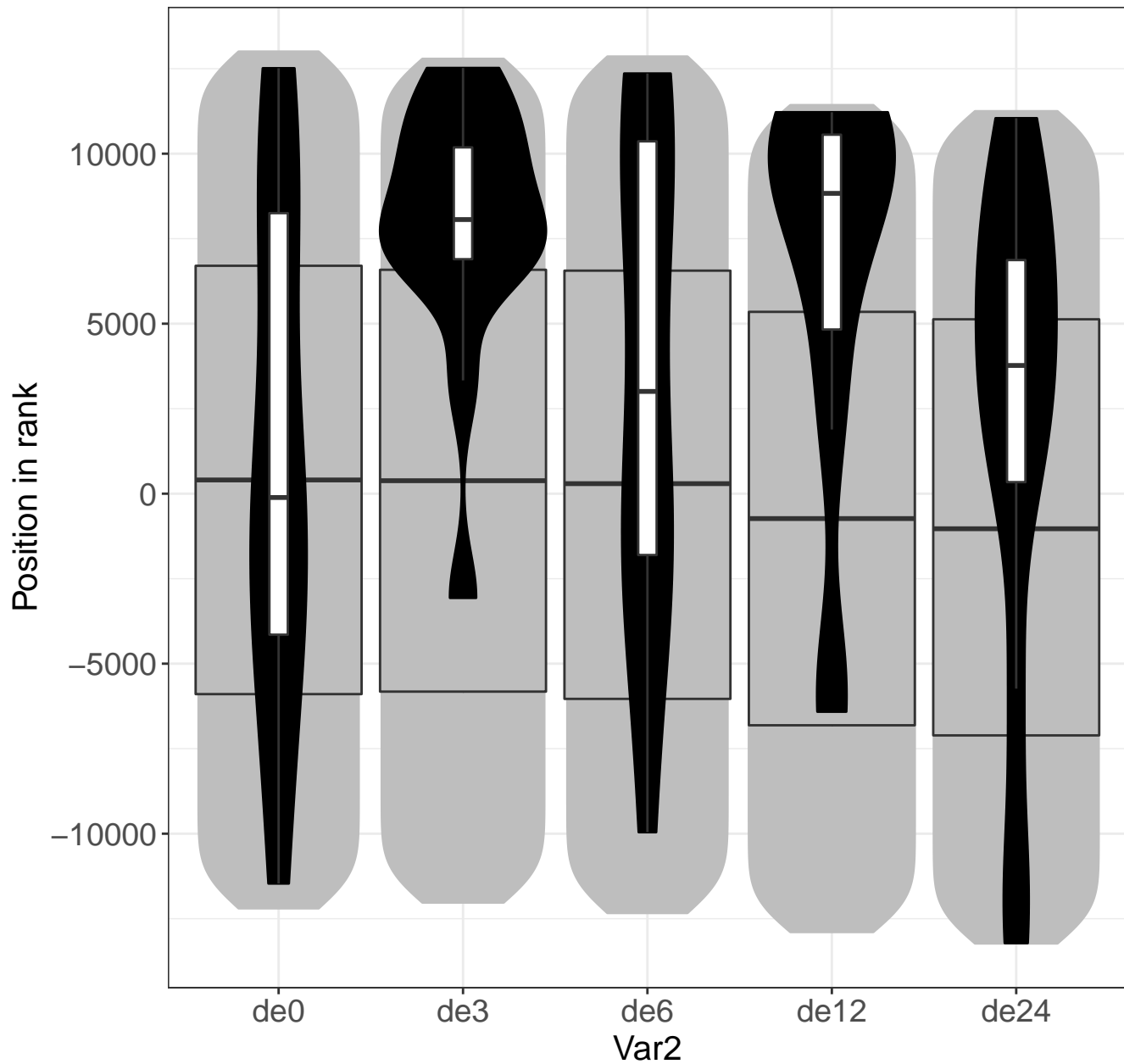
TRANSPORT_AMINO_ACIDS



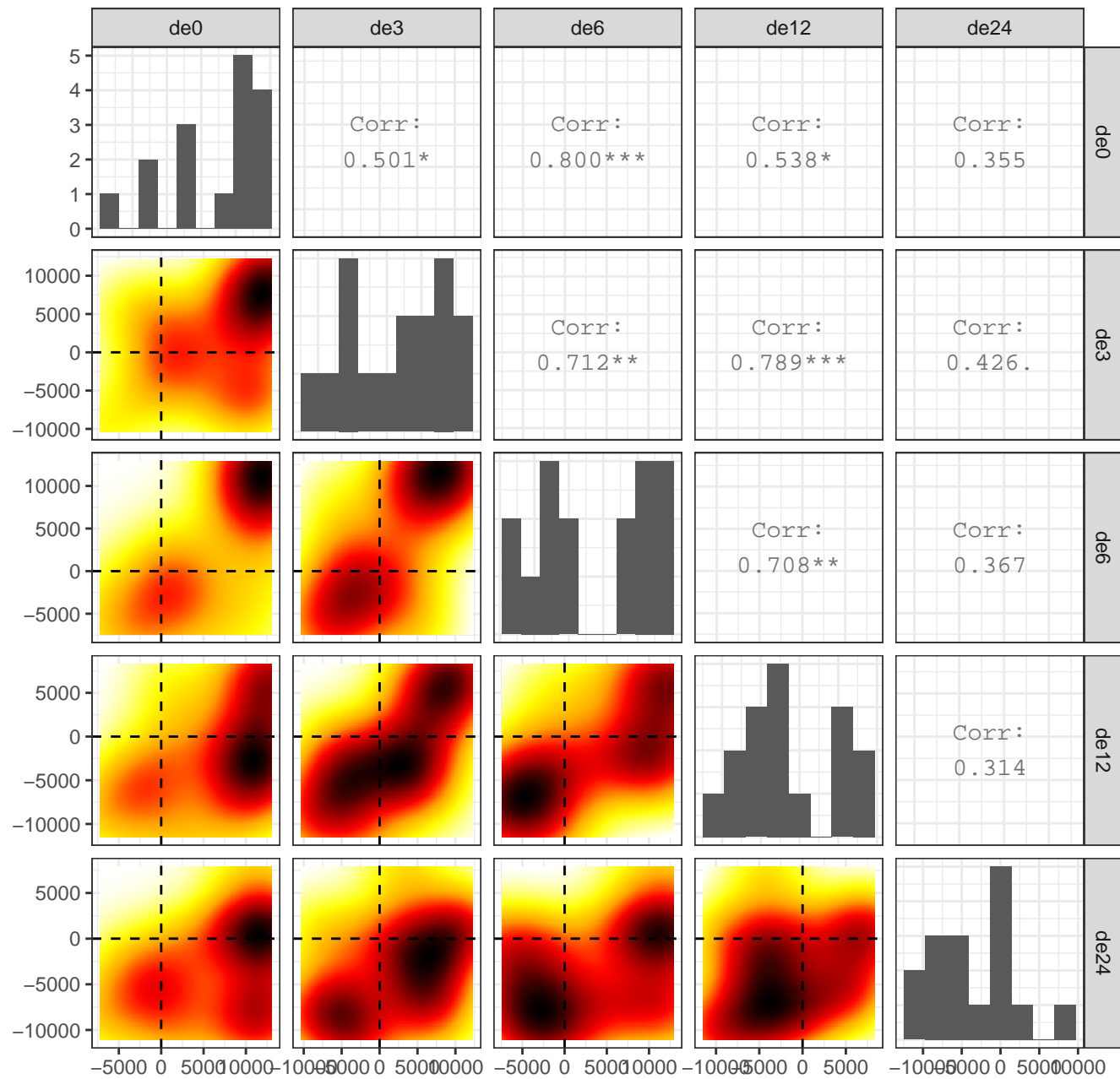
TRANSPORT_AMINO_ACIDS



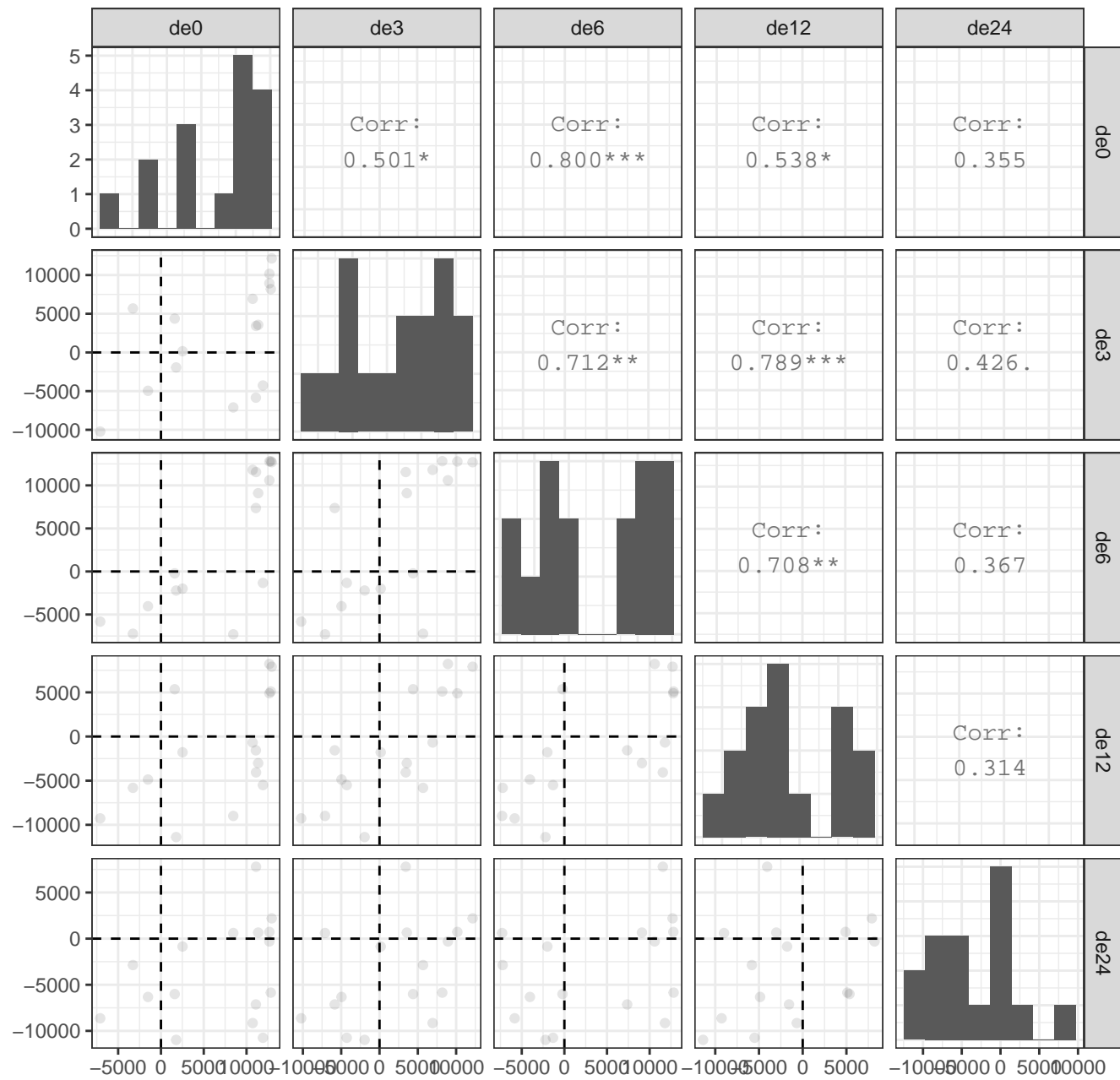
TRANSPORT_AMINO_ACIDS



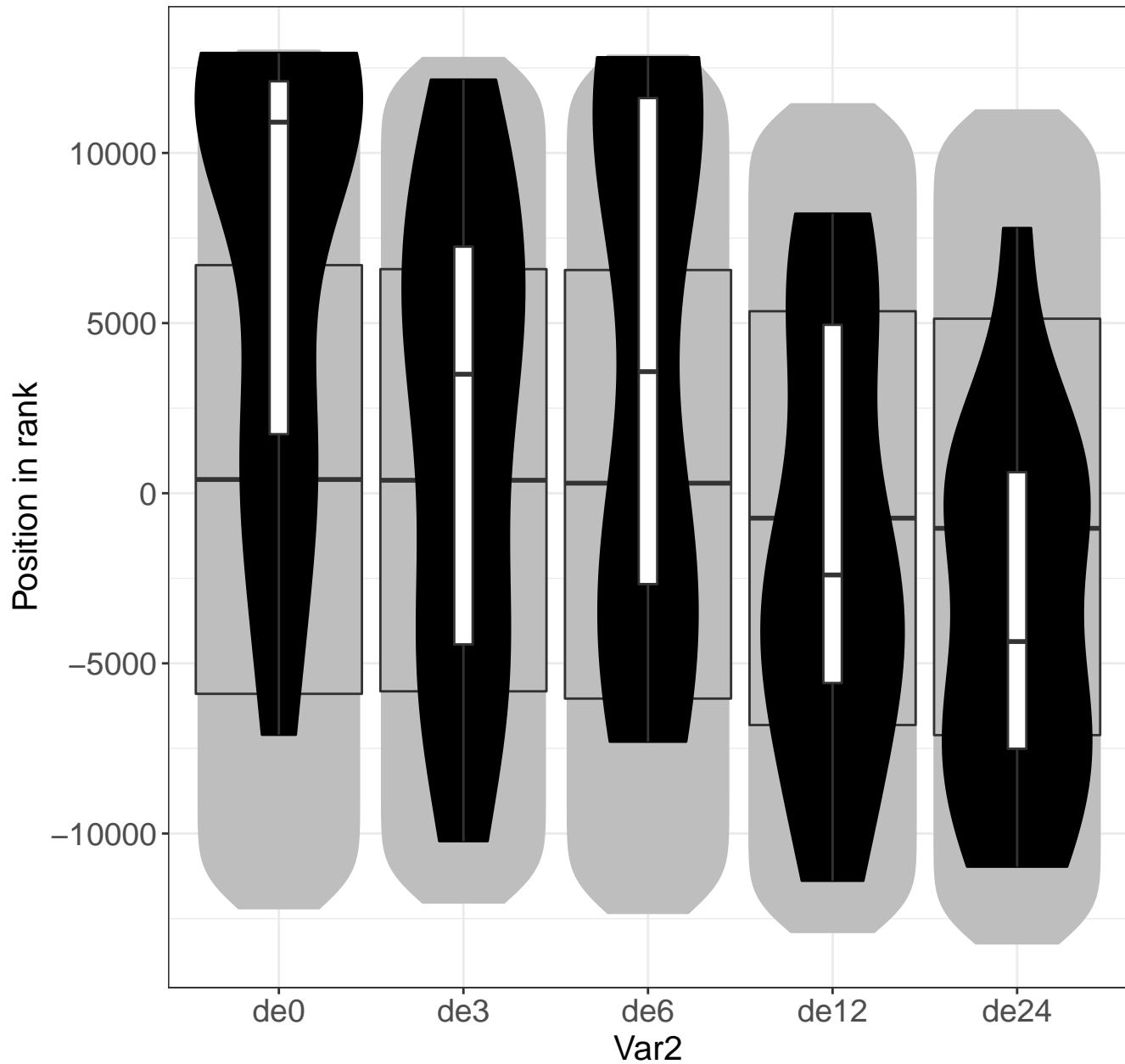
PROTEIN_SYNTHESIS_ELONGATION



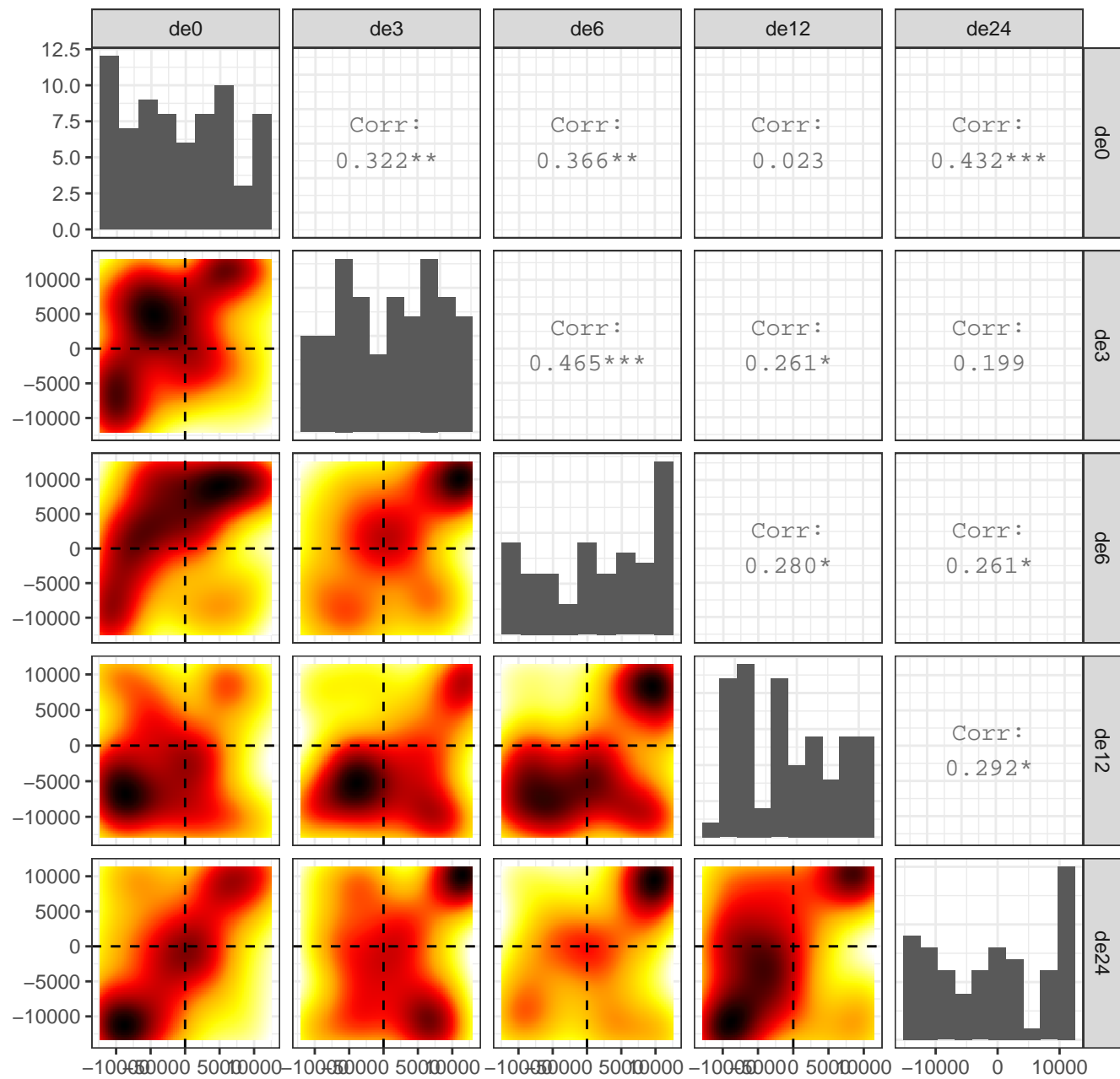
PROTEIN_SYNTHESIS_ELONGATION



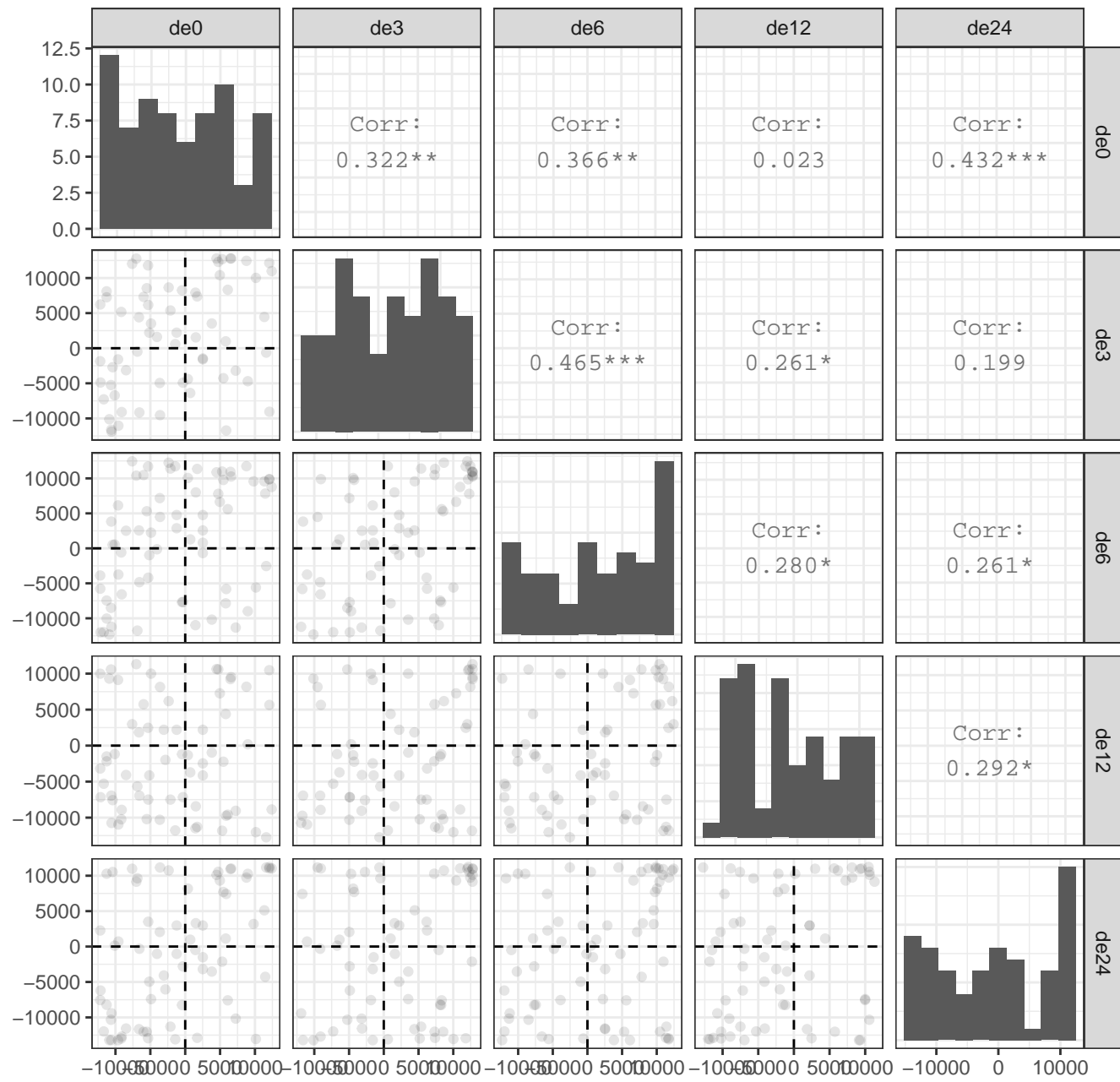
PROTEIN_SYNTHESIS_ELONGATION



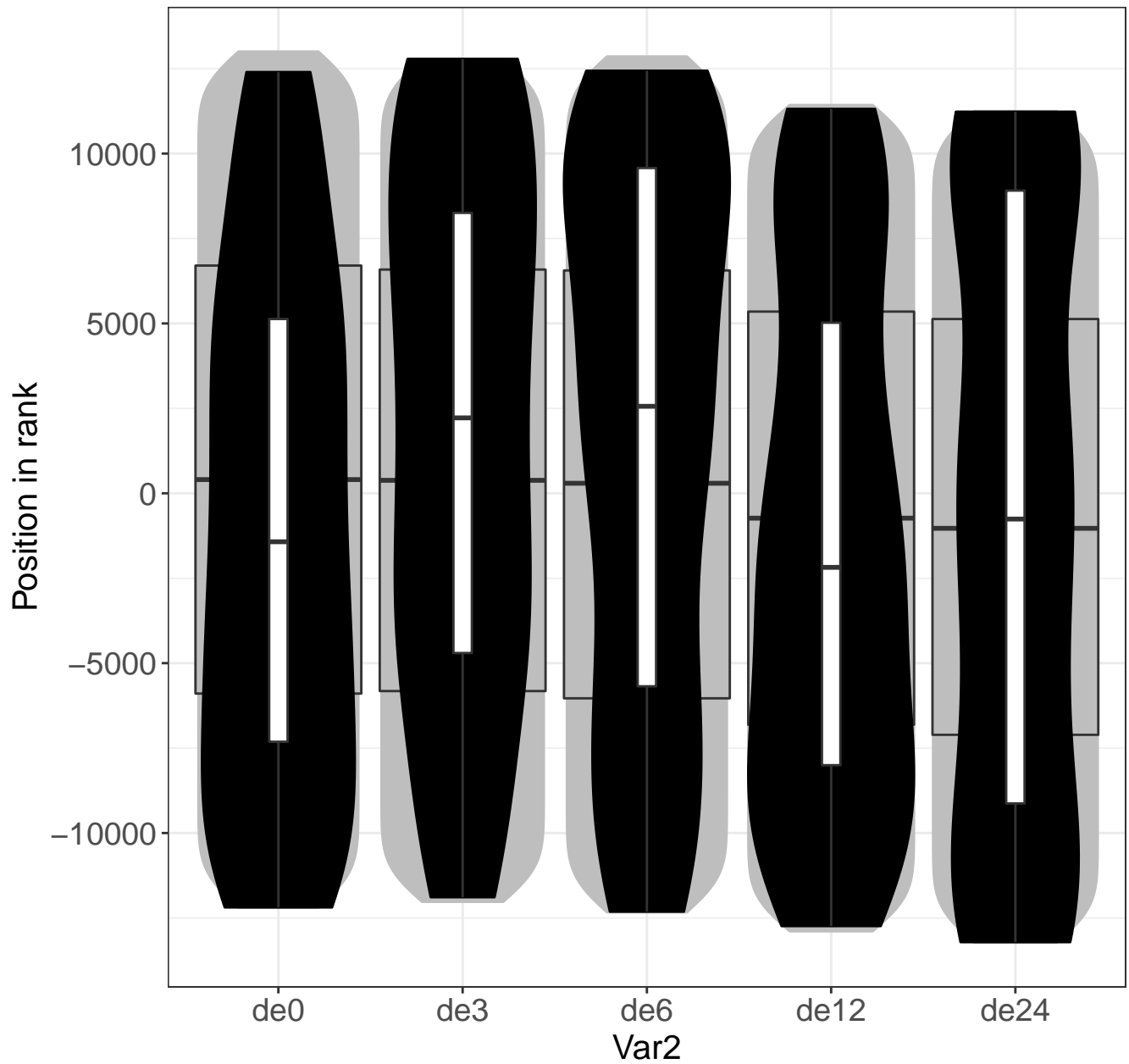
MISC_PROTEASE_INHIBITOR/SEED_STORAGE/LIPID_TRANSFER_PROTEIN



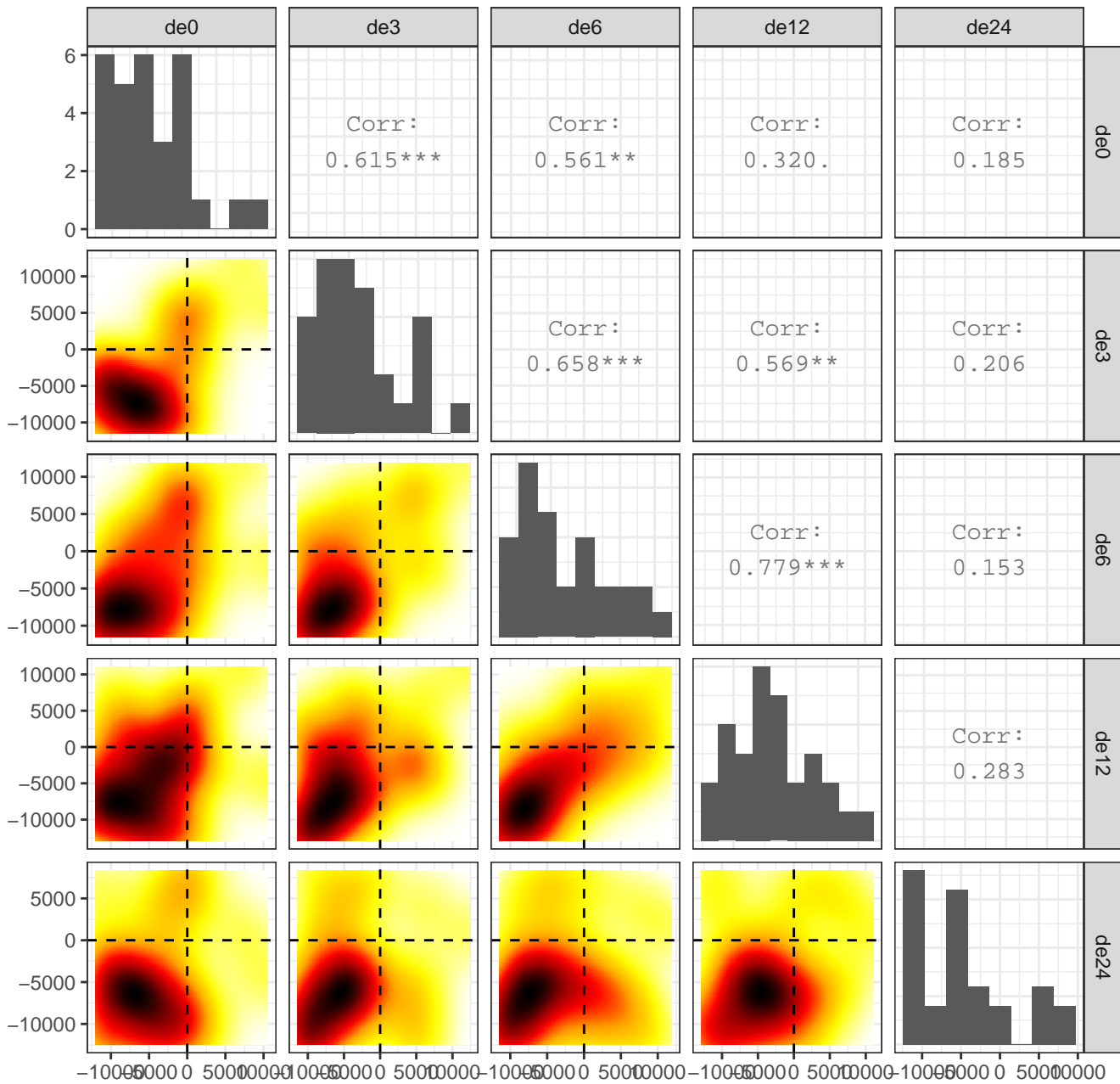
MISC_PROTEASE_INHIBITOR/SEED_STORAGE/LIPID_TRANSFER_PROTEIN



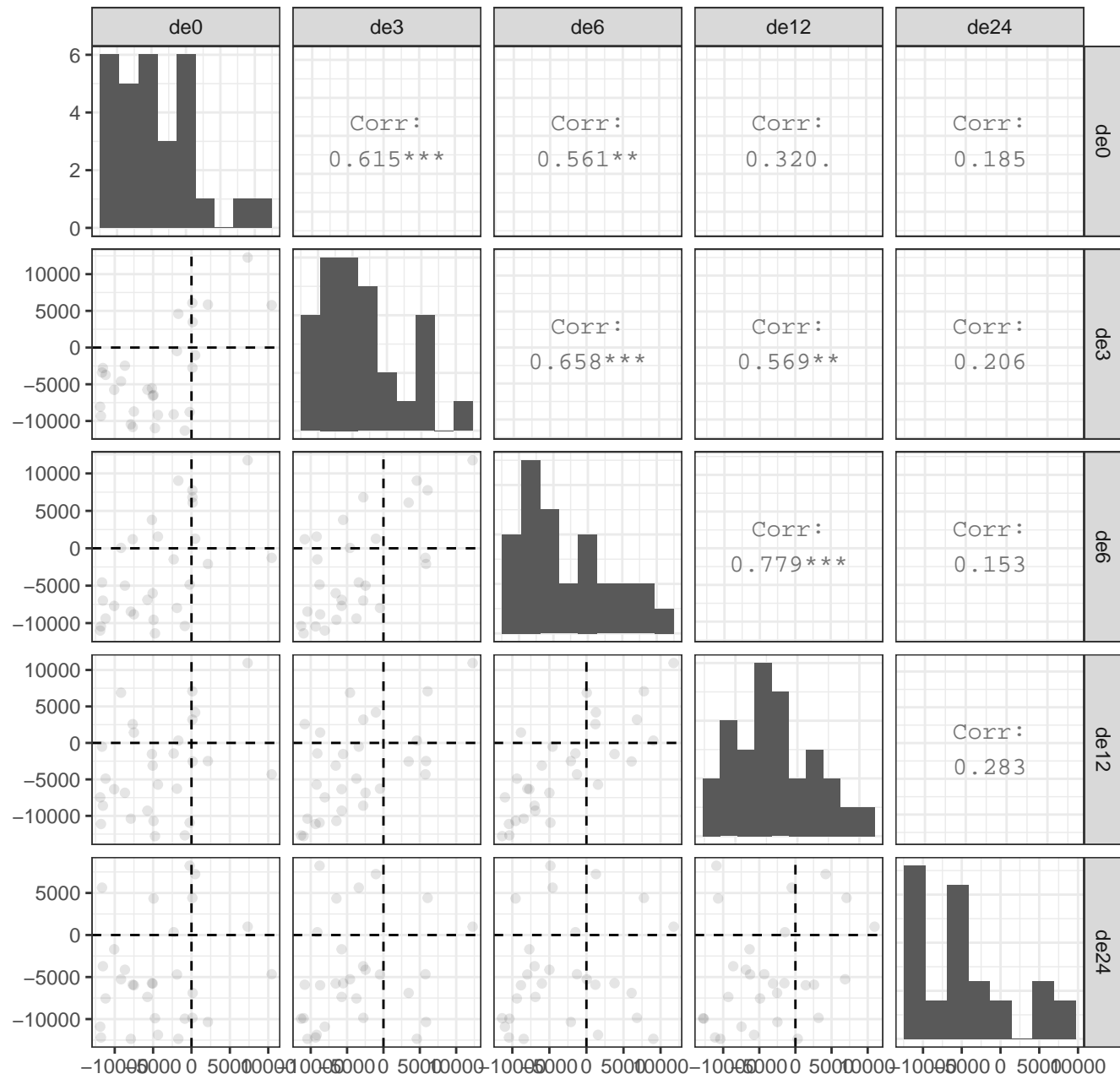
MISC_PROTEASE_INHIBITOR/SEED_STORAGE



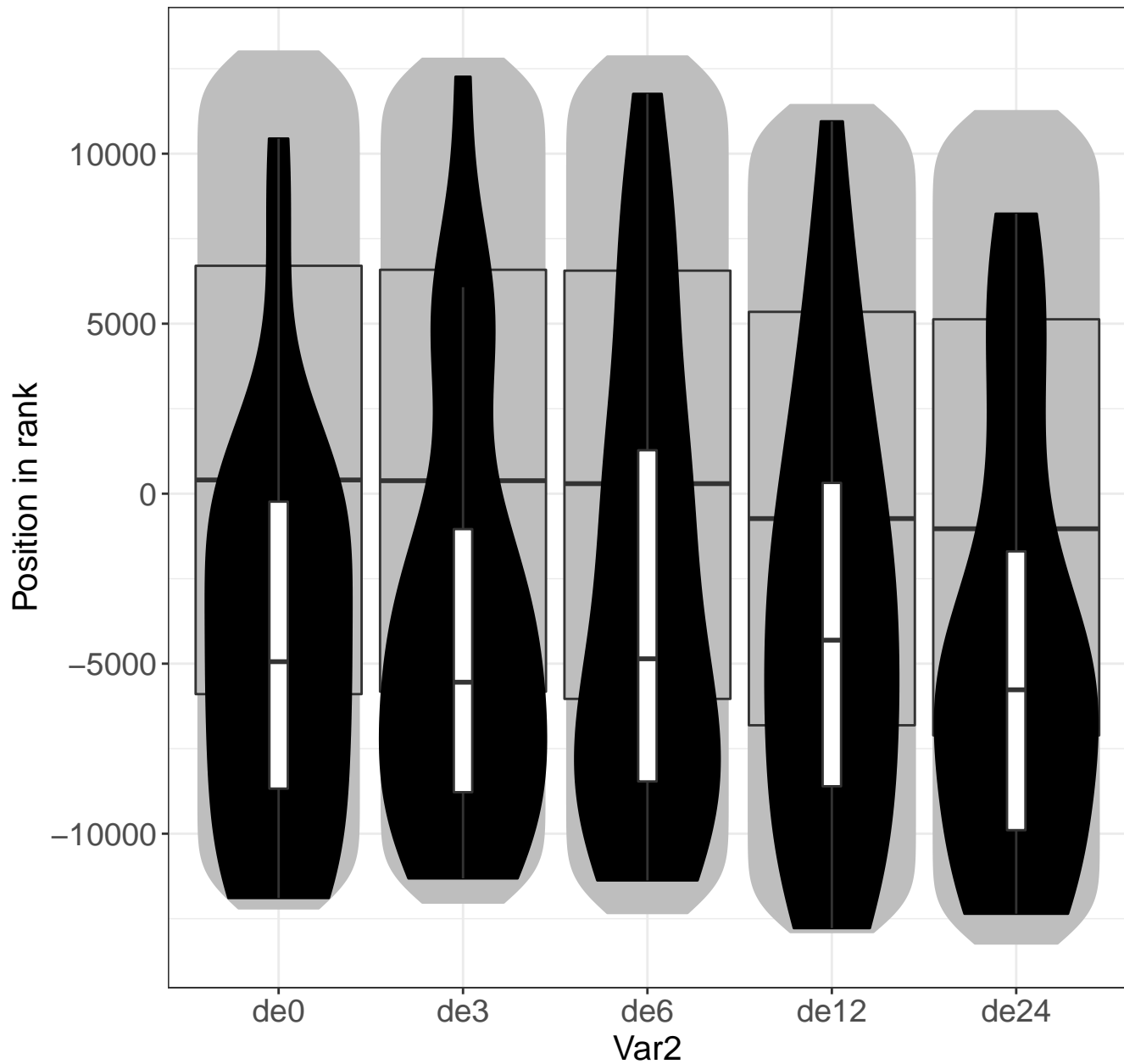
CELL_DIVISION



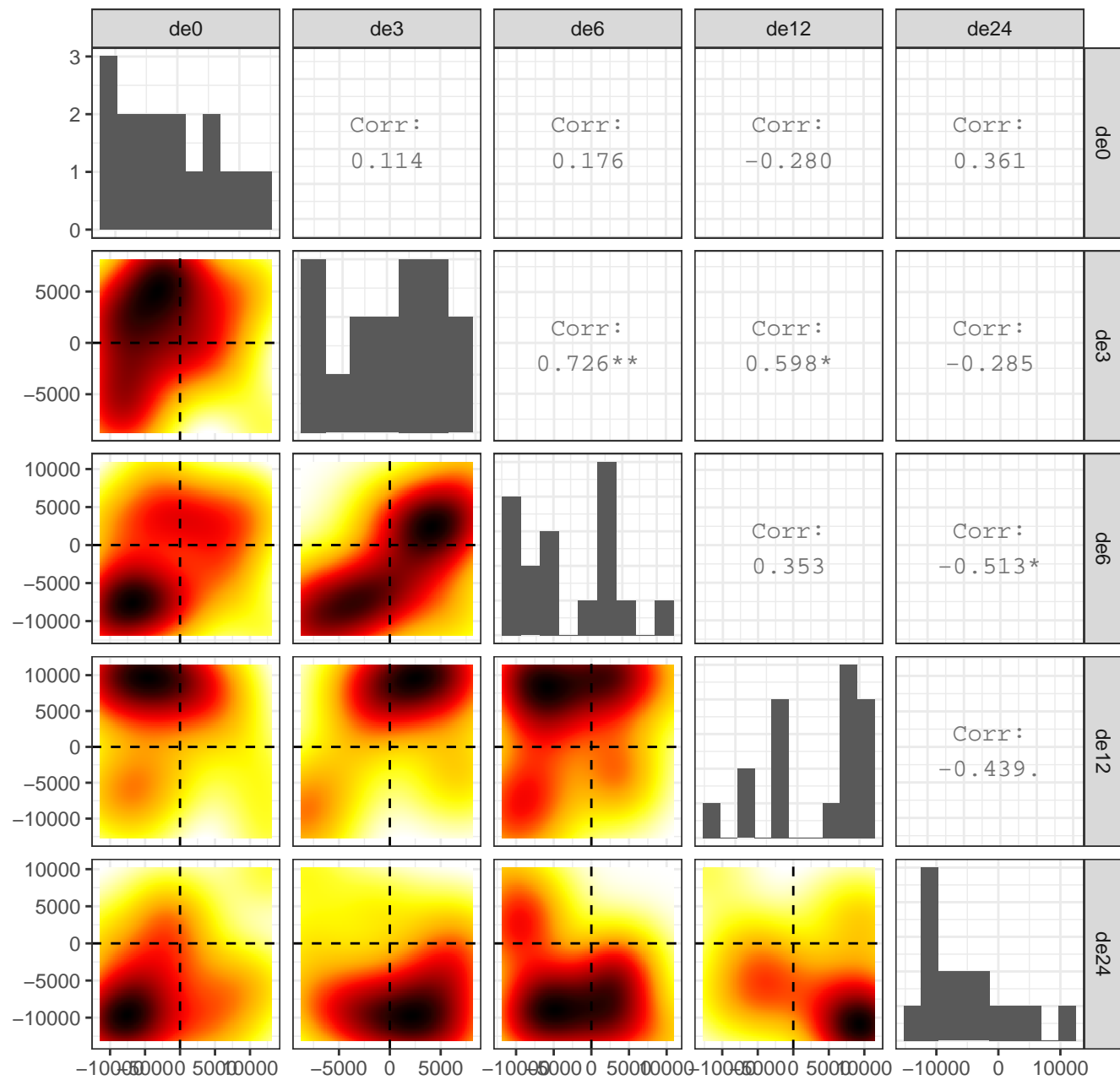
CELL_DIVISION



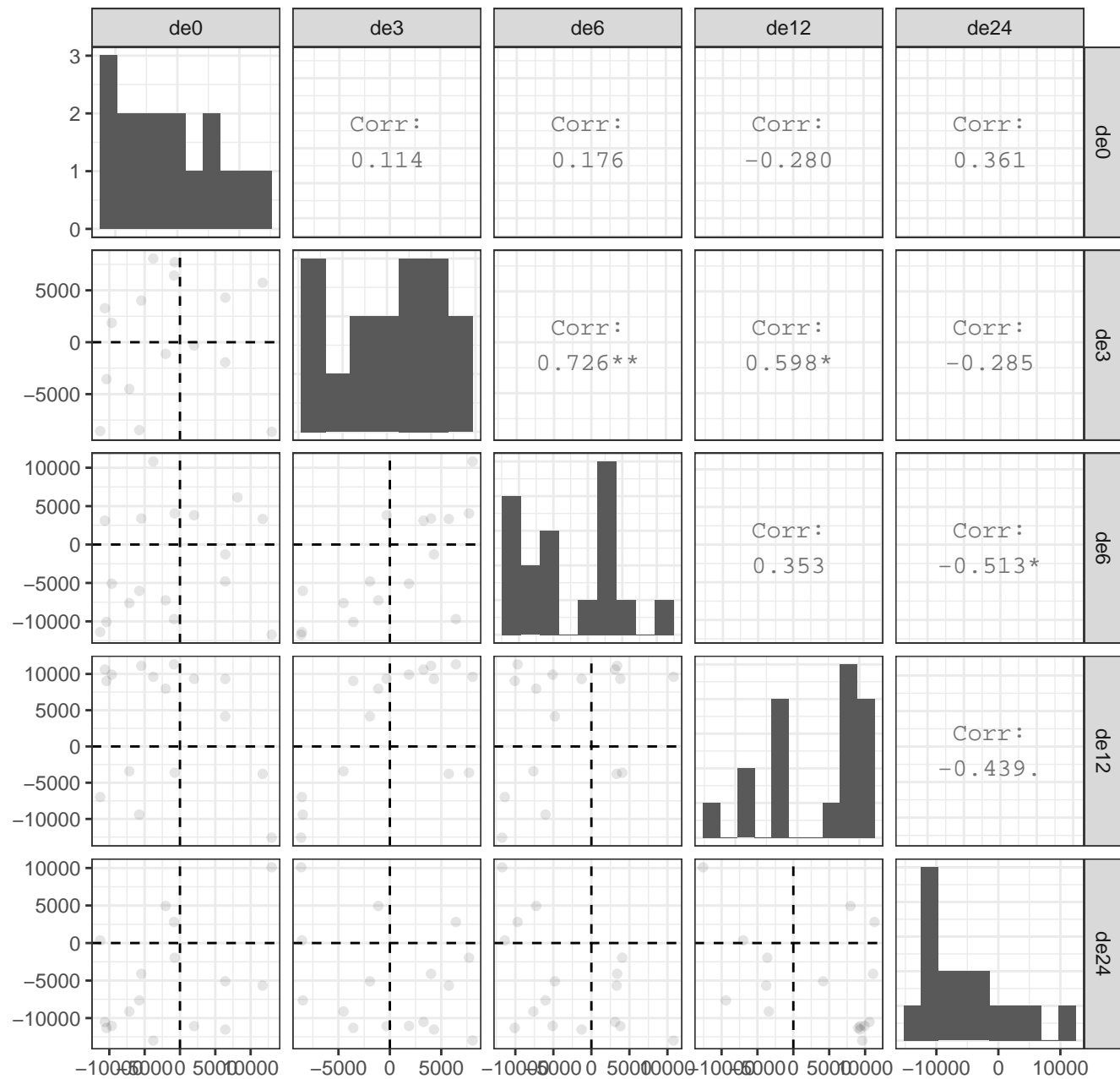
CELL_DIVISION



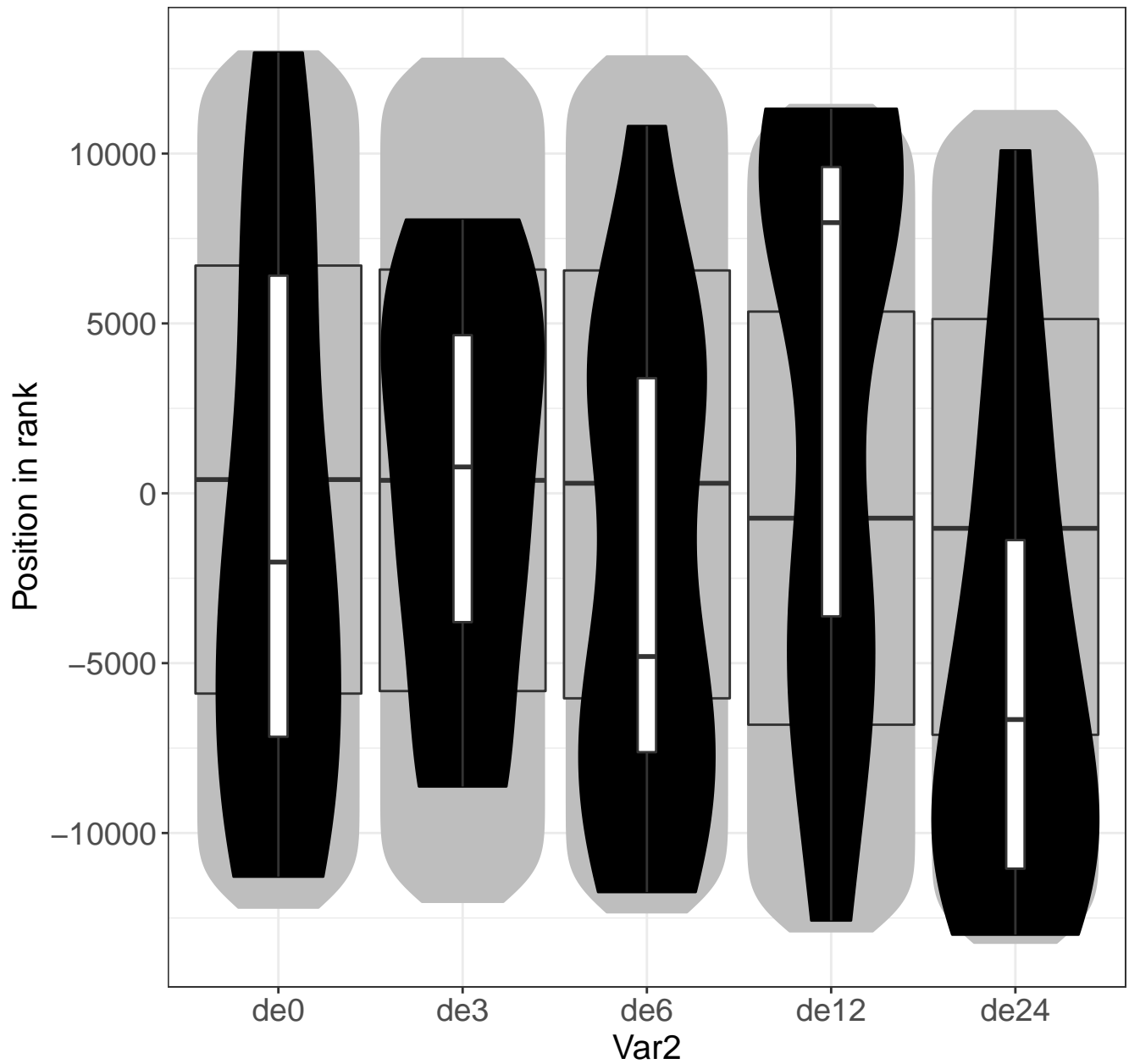
SIGNALLING_RECEPTOR_KINASES_S-LOCUS_GLYCOPROTEIN_LIKE



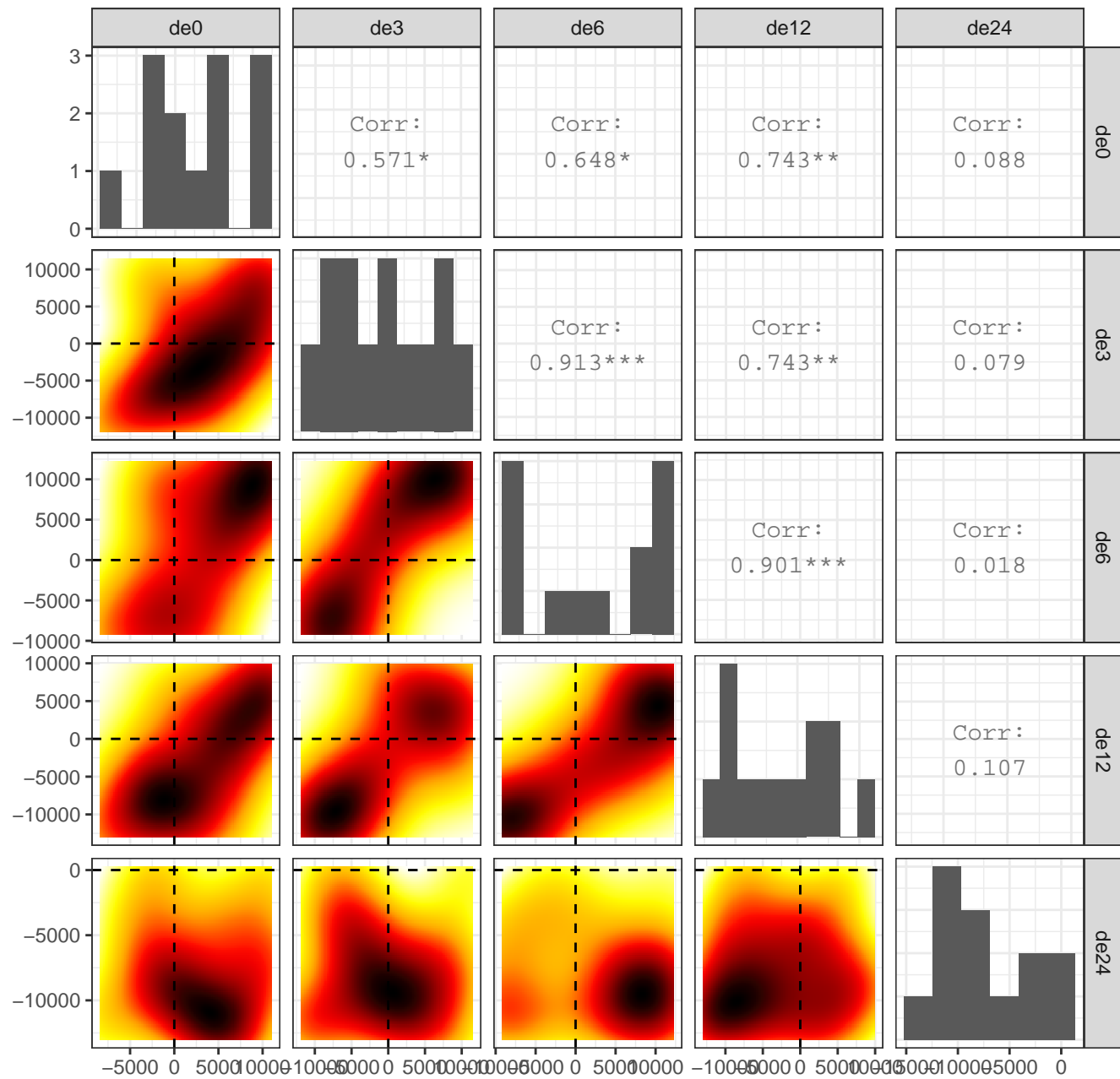
SIGNALLING_RECEPTOR_KINASES_S-LOCUS_GLYCOPROTEIN_LIKE



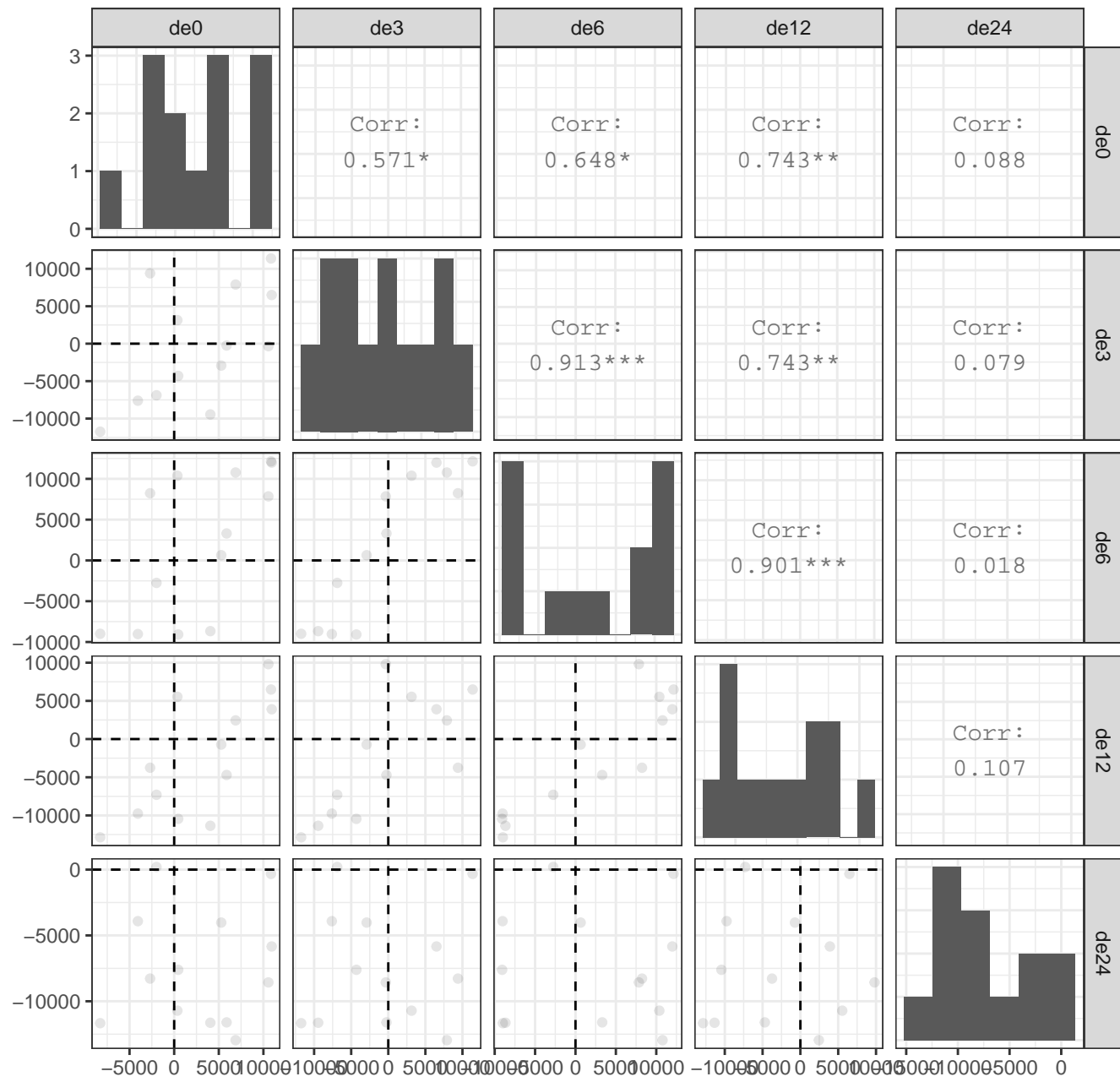
SIGNALLING_RECEPTOR_KINASES_S-LOCU



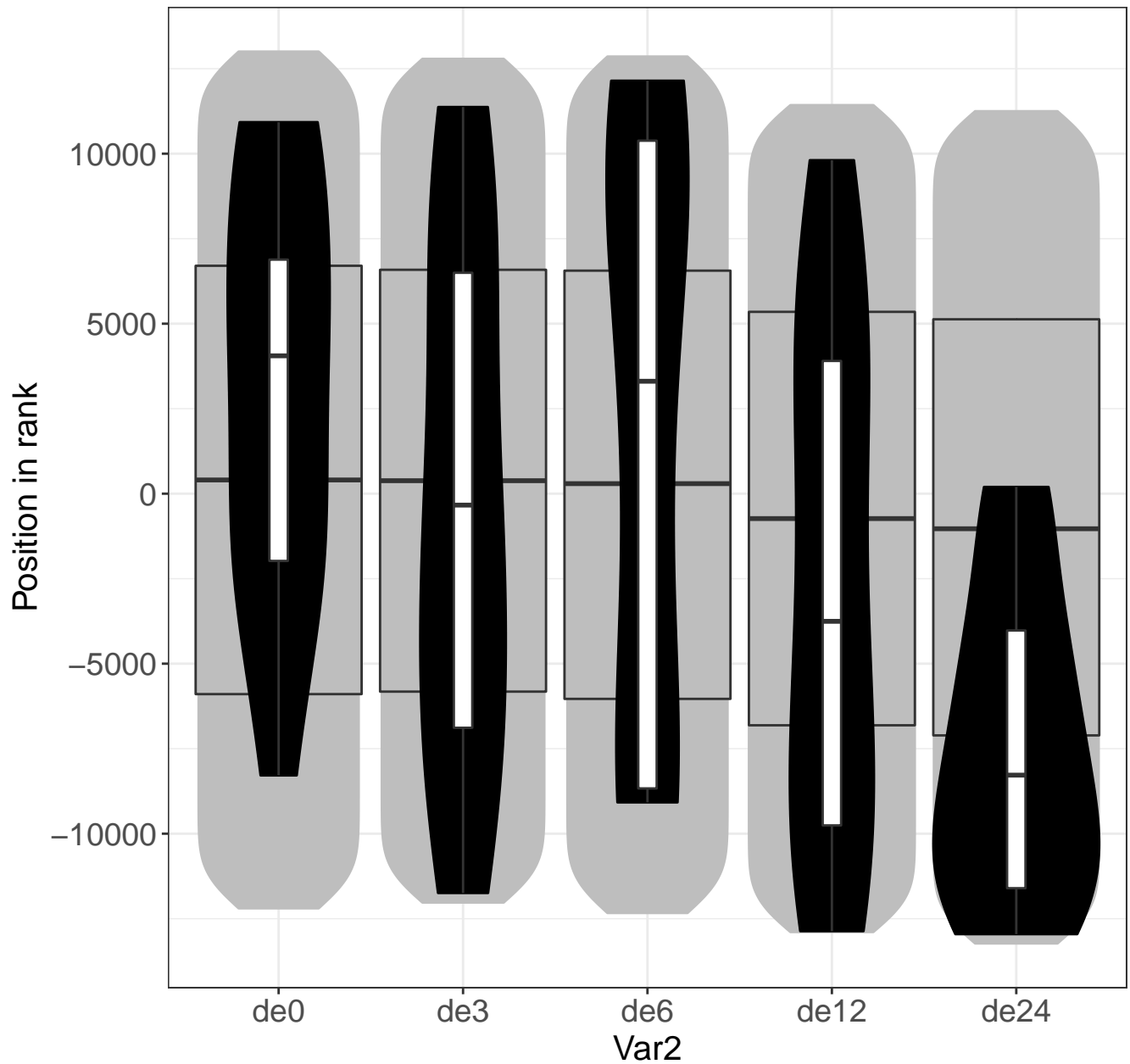
PROTEIN_SYNTHESIS_RIBOSOME_BIOGENESIS_PRE-RRNA_PROCESSING



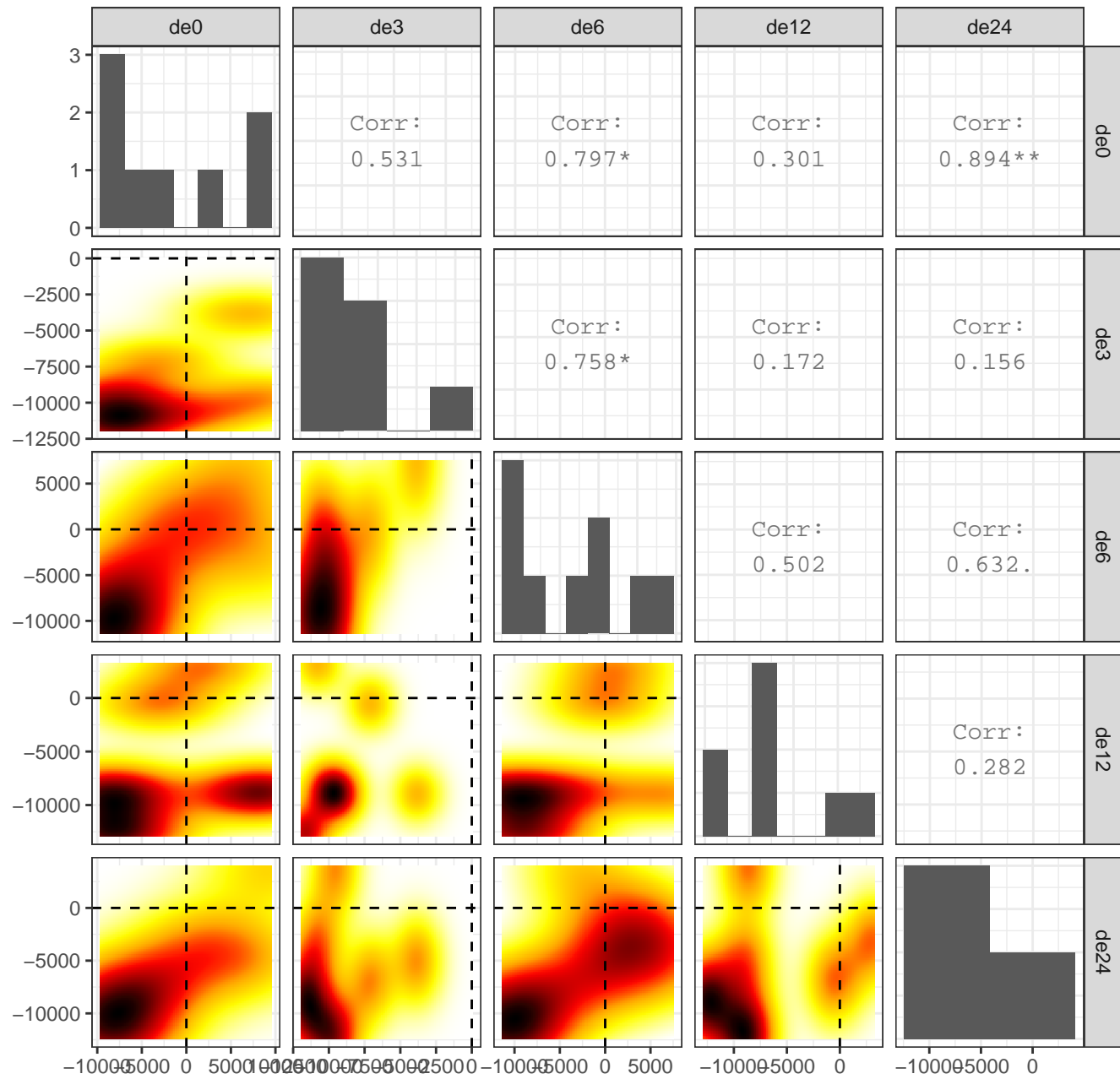
PROTEIN_SYNTHESIS_RIBOSOME_BIOGENESIS_PRE-RRNA_PROCESSING



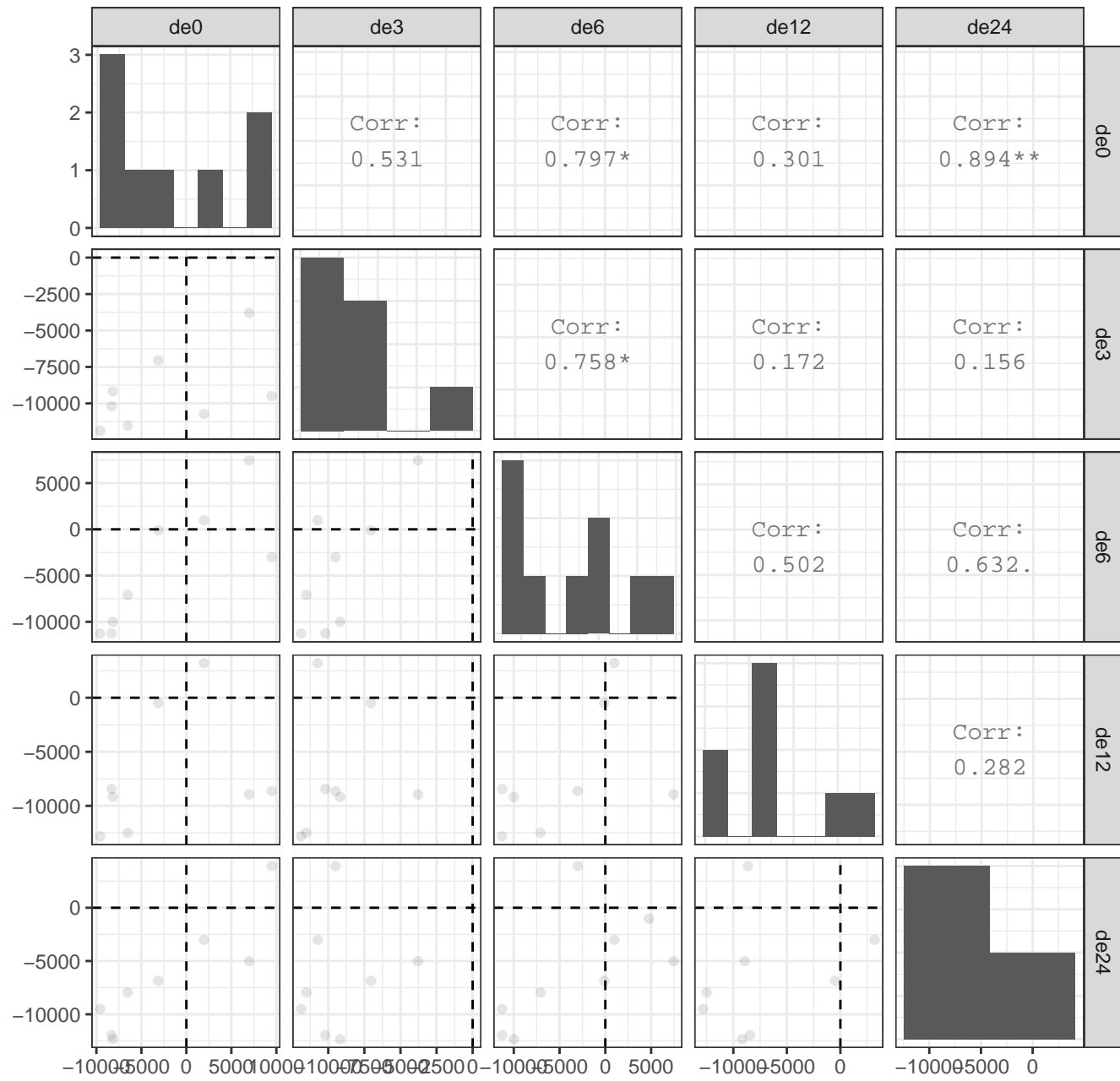
PROTEIN_SYNTHESIS_RIBOSOME_BIOGENE



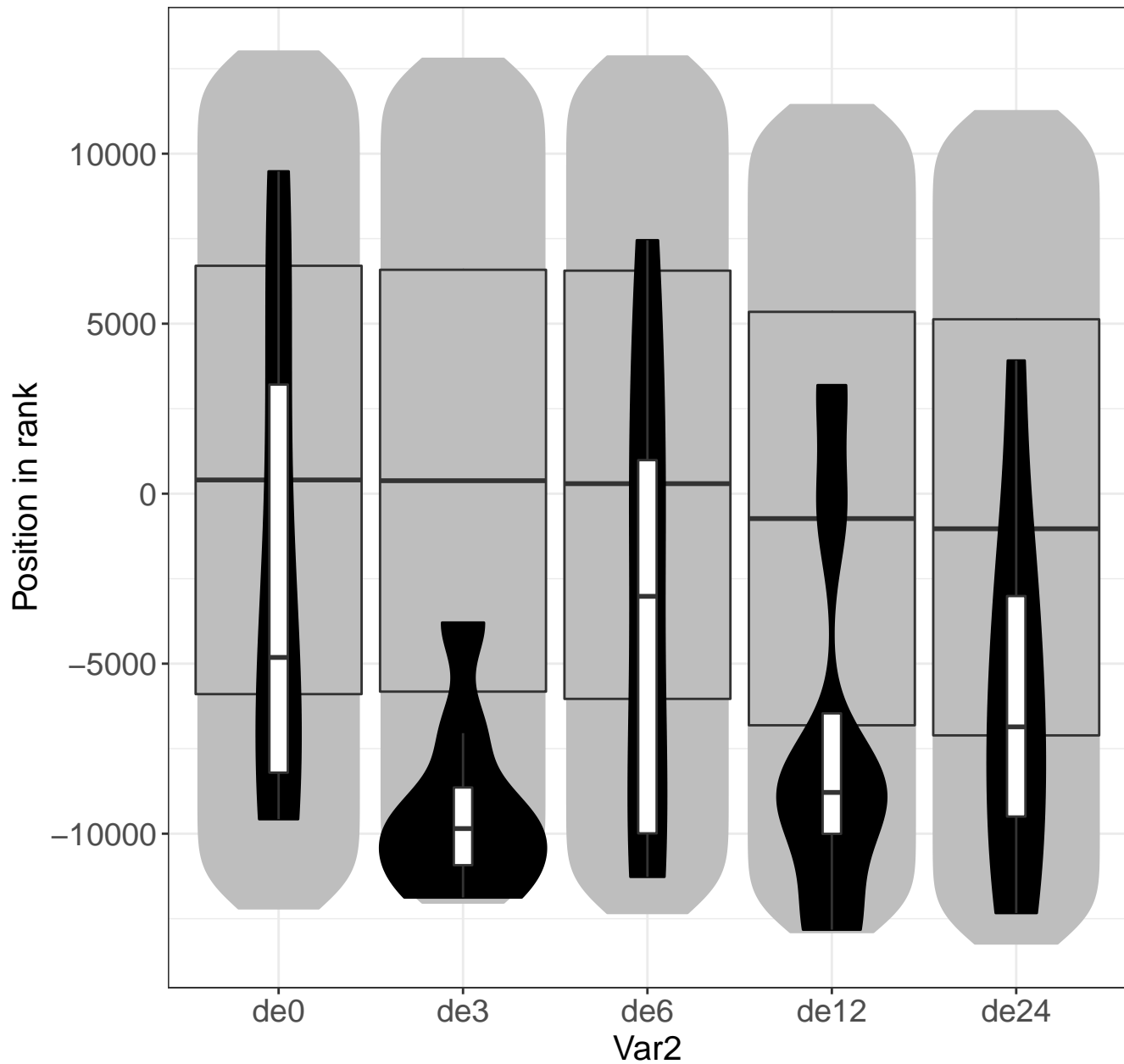
RNA_REGULATION_OF_TRANSCRIPTION_ZN-FINGER(CCHC)



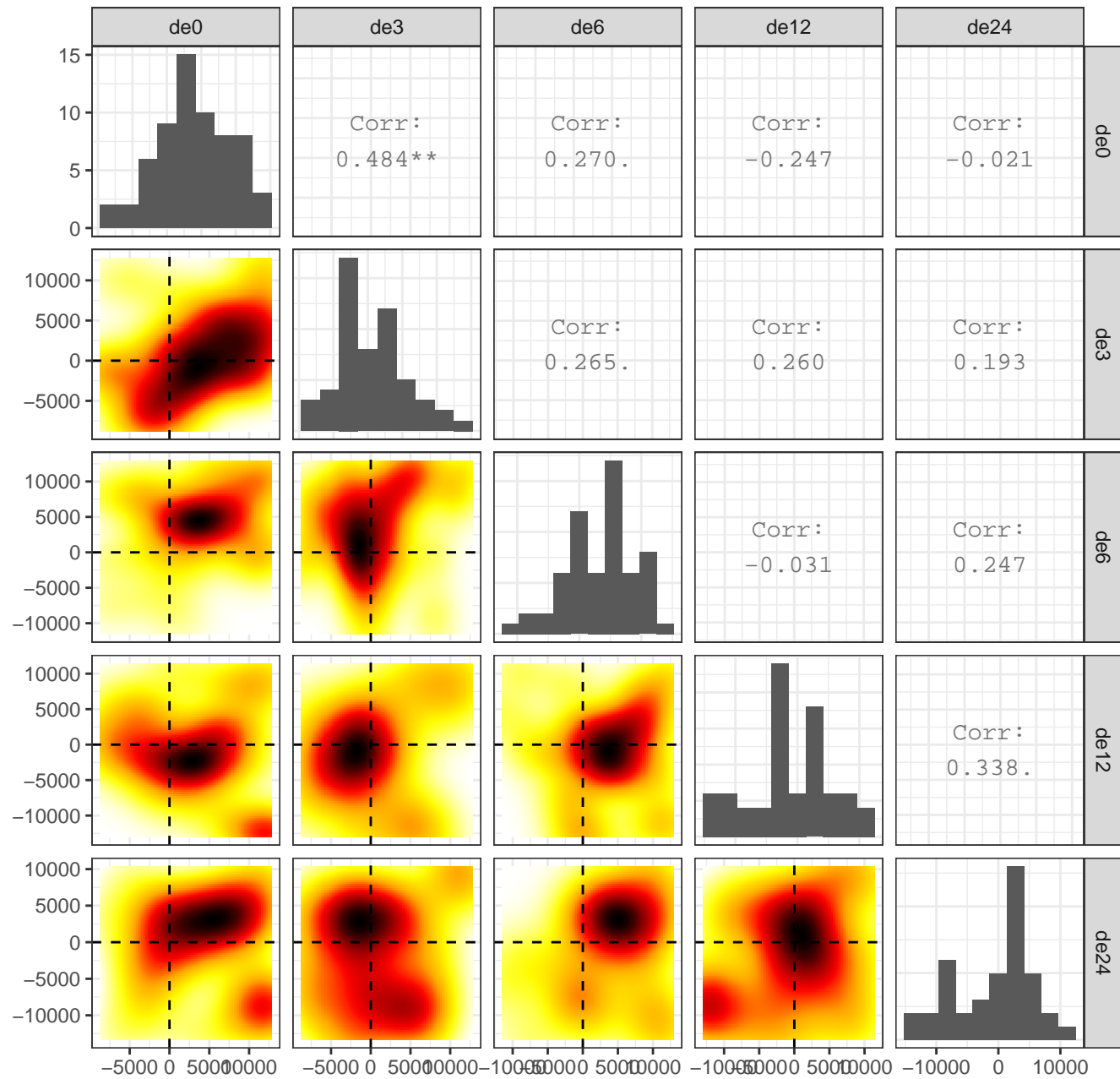
RNA_REGULATION_OF_TRANSCRIPTION_ZN-FINGER(CCHC)



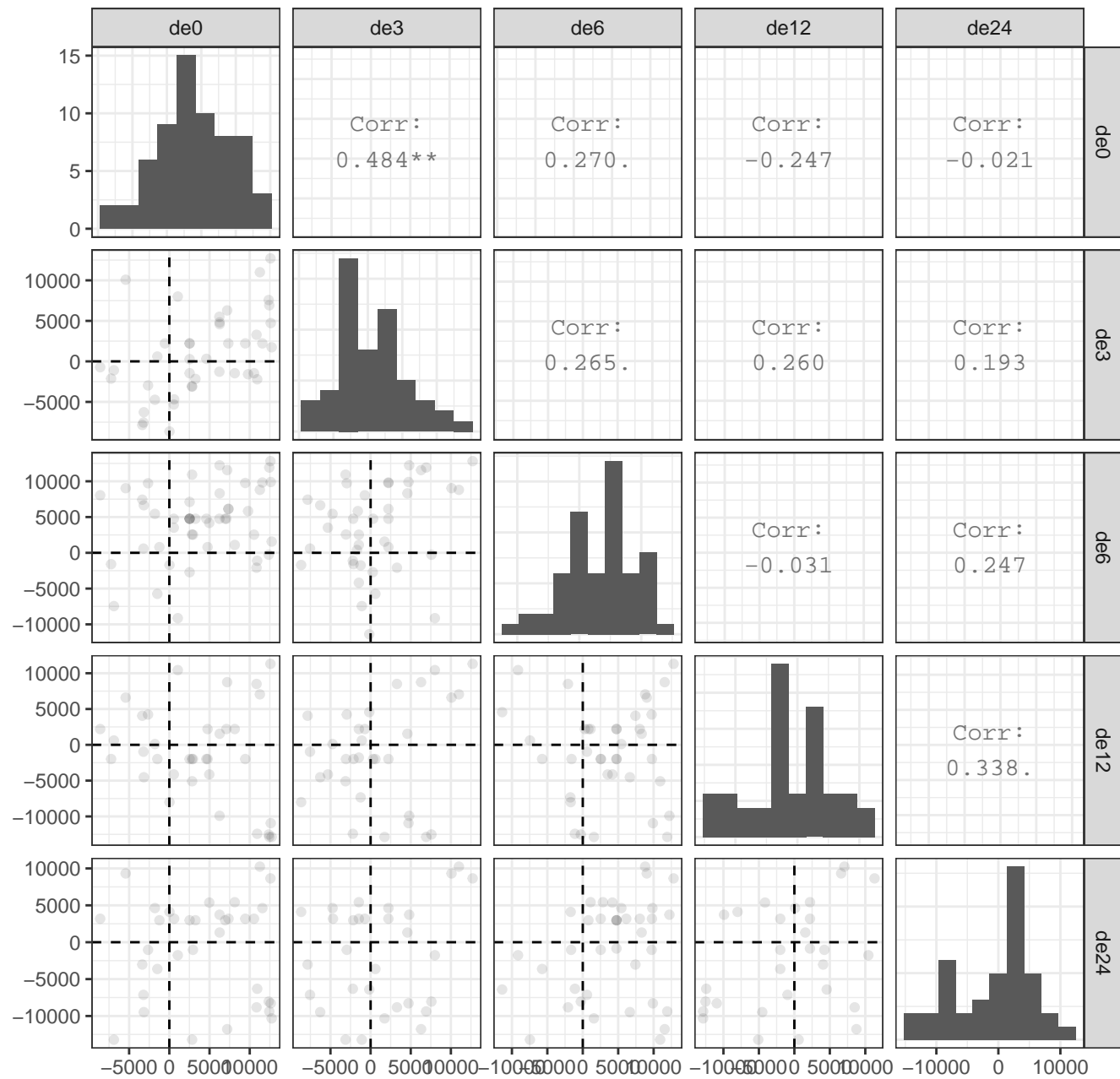
RNA_REGULATION_OF_TRANSCRIPTION_ZN



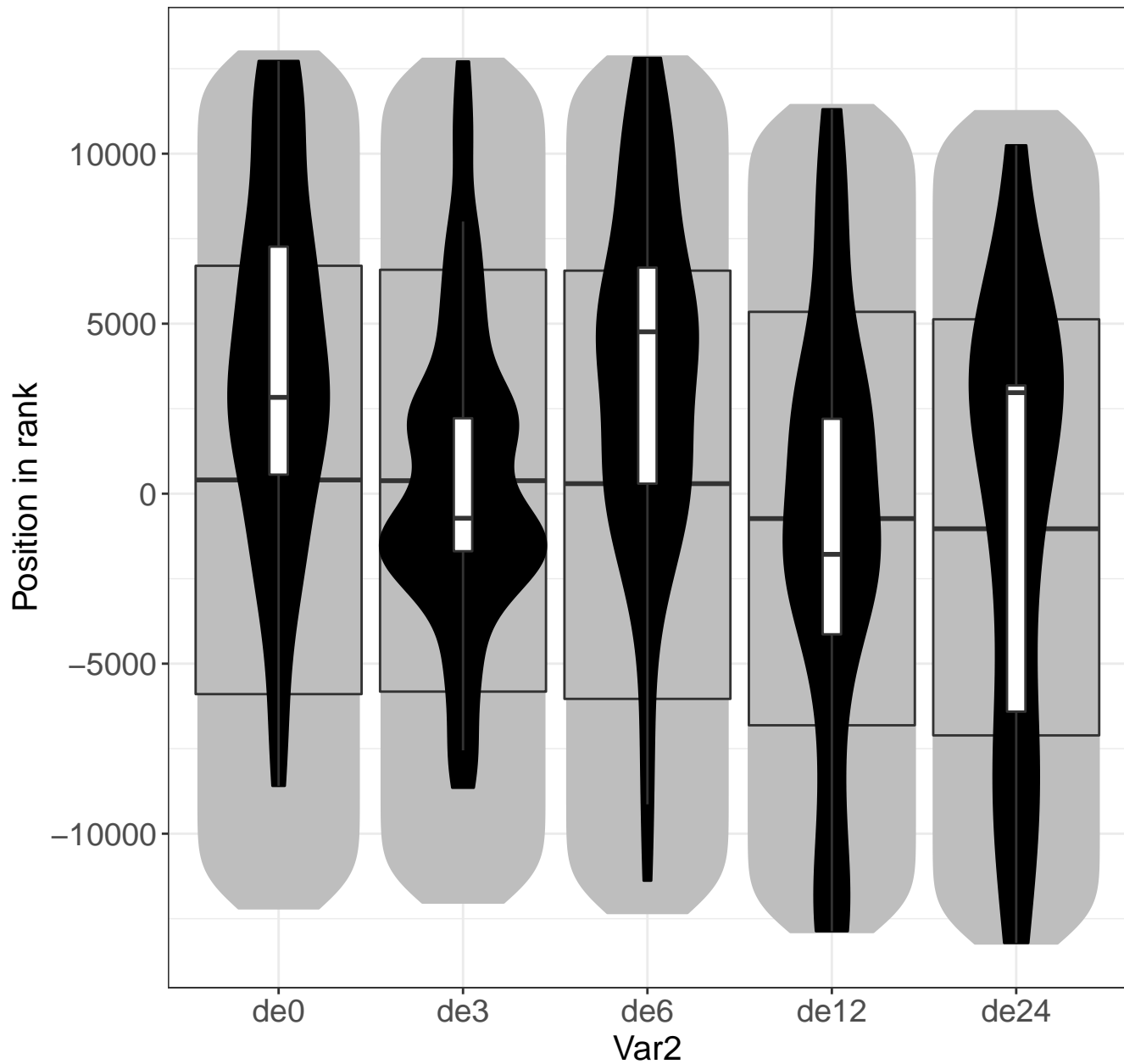
STRESS_BIOTIC_PR-PROTEINS_PLANT_DEFENSINS



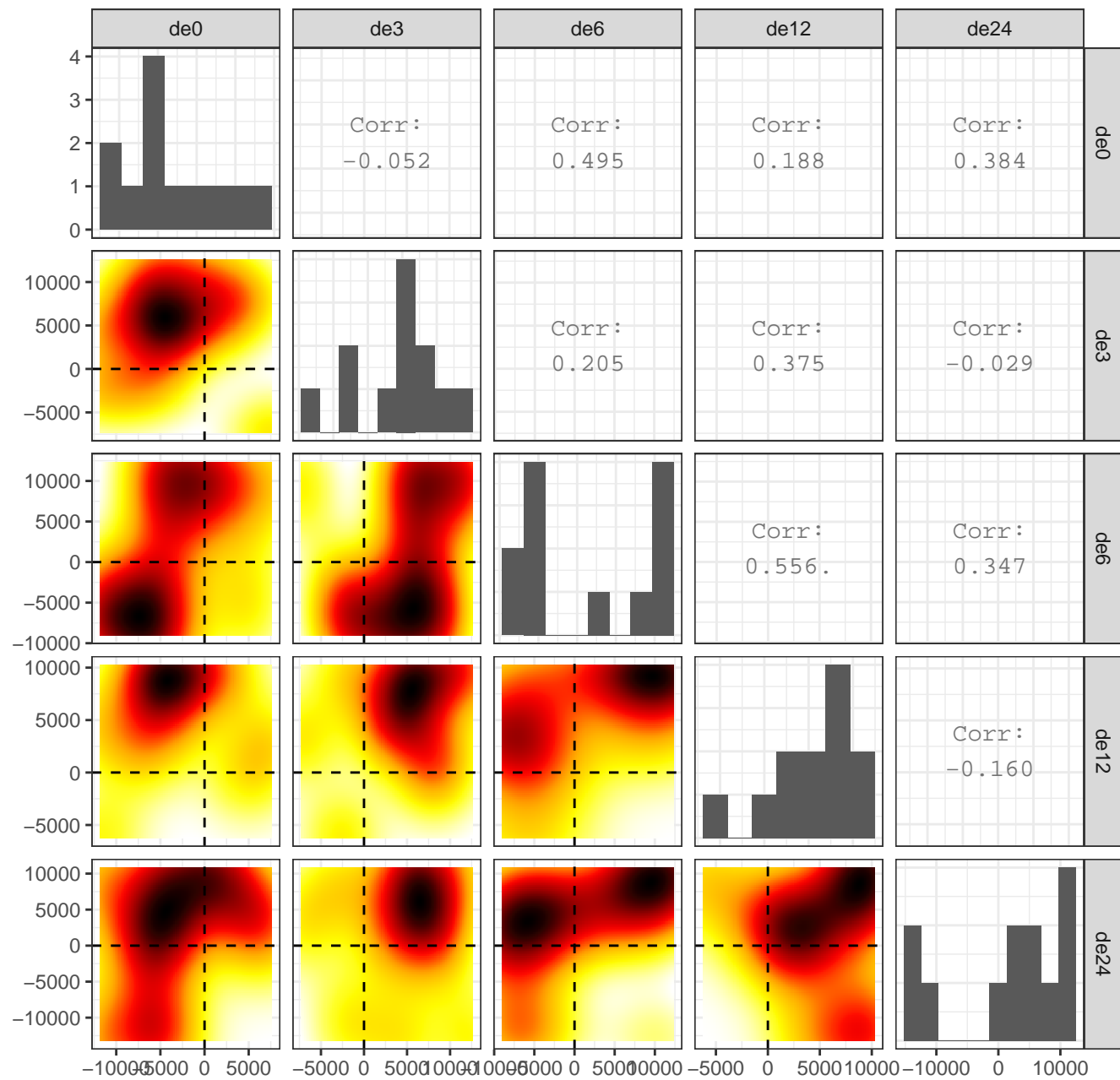
STRESS_BIOTIC_PR-PROTEINS_PLANT_DEFENSINS



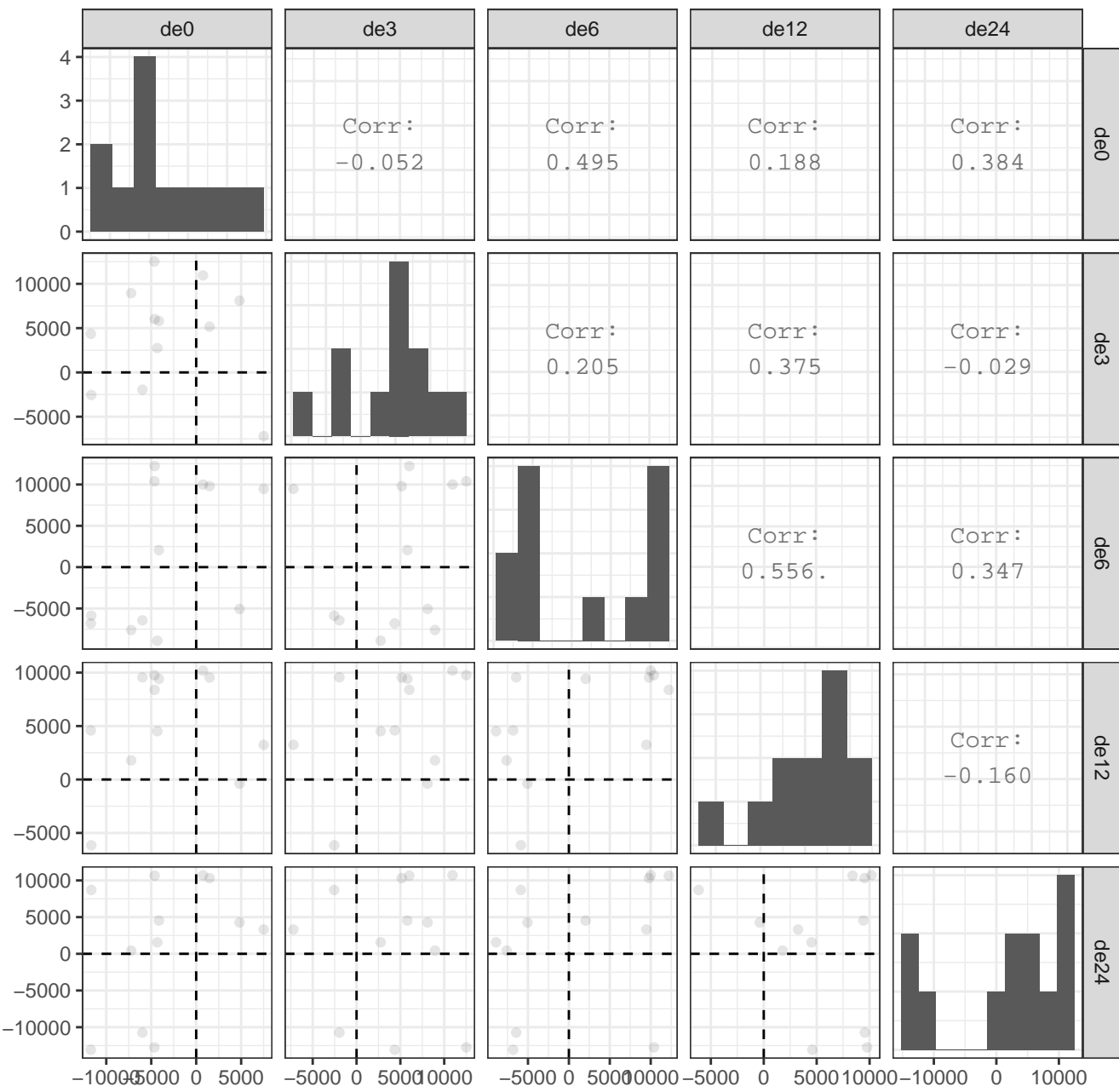
STRESS_BIOTIC_PR-PROTEINS_PLANT_DEF



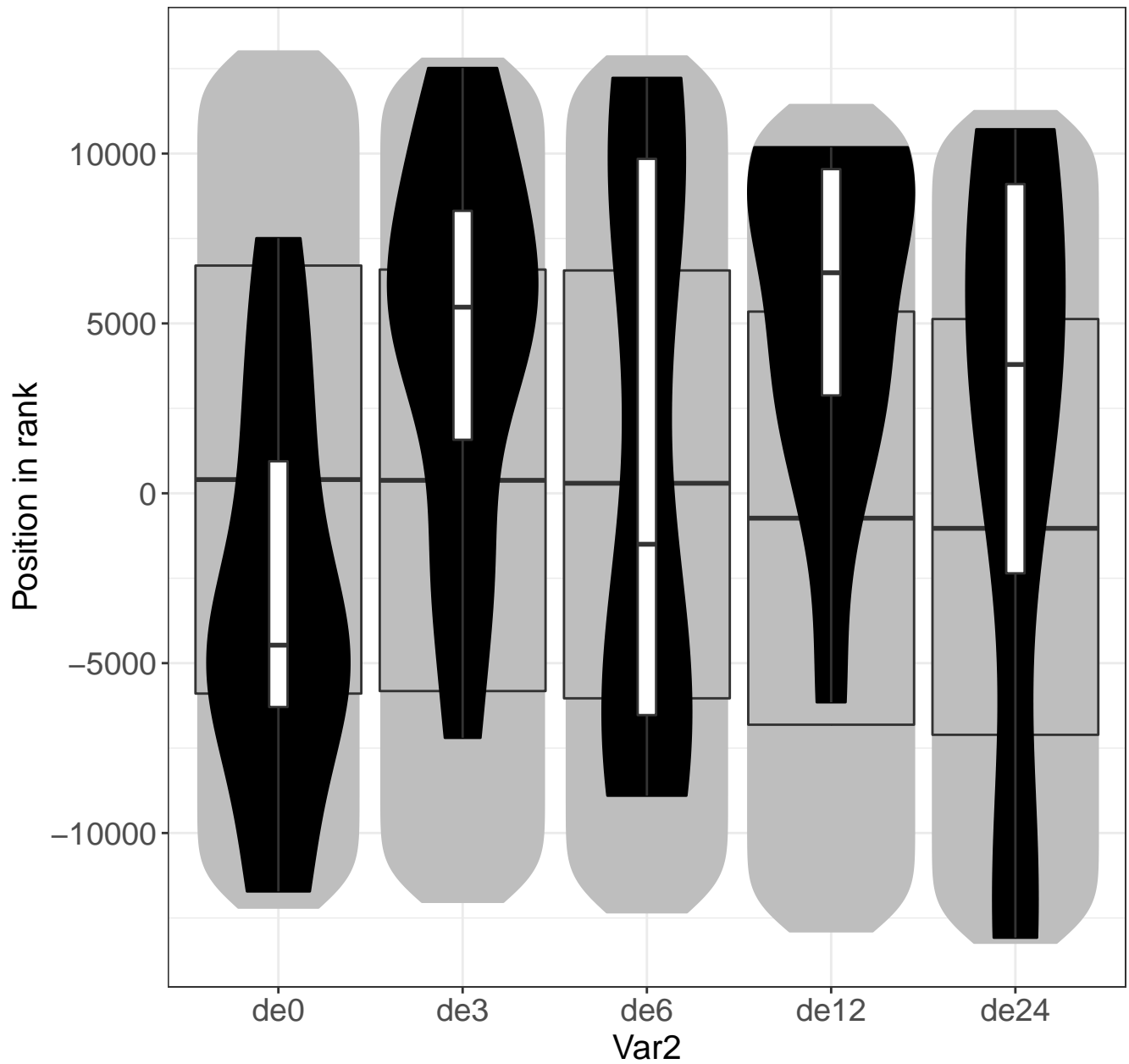
PROTEIN_POSTRANSLATIONAL_MODIFICATION_KINASE_RECEPTOR_LIKE



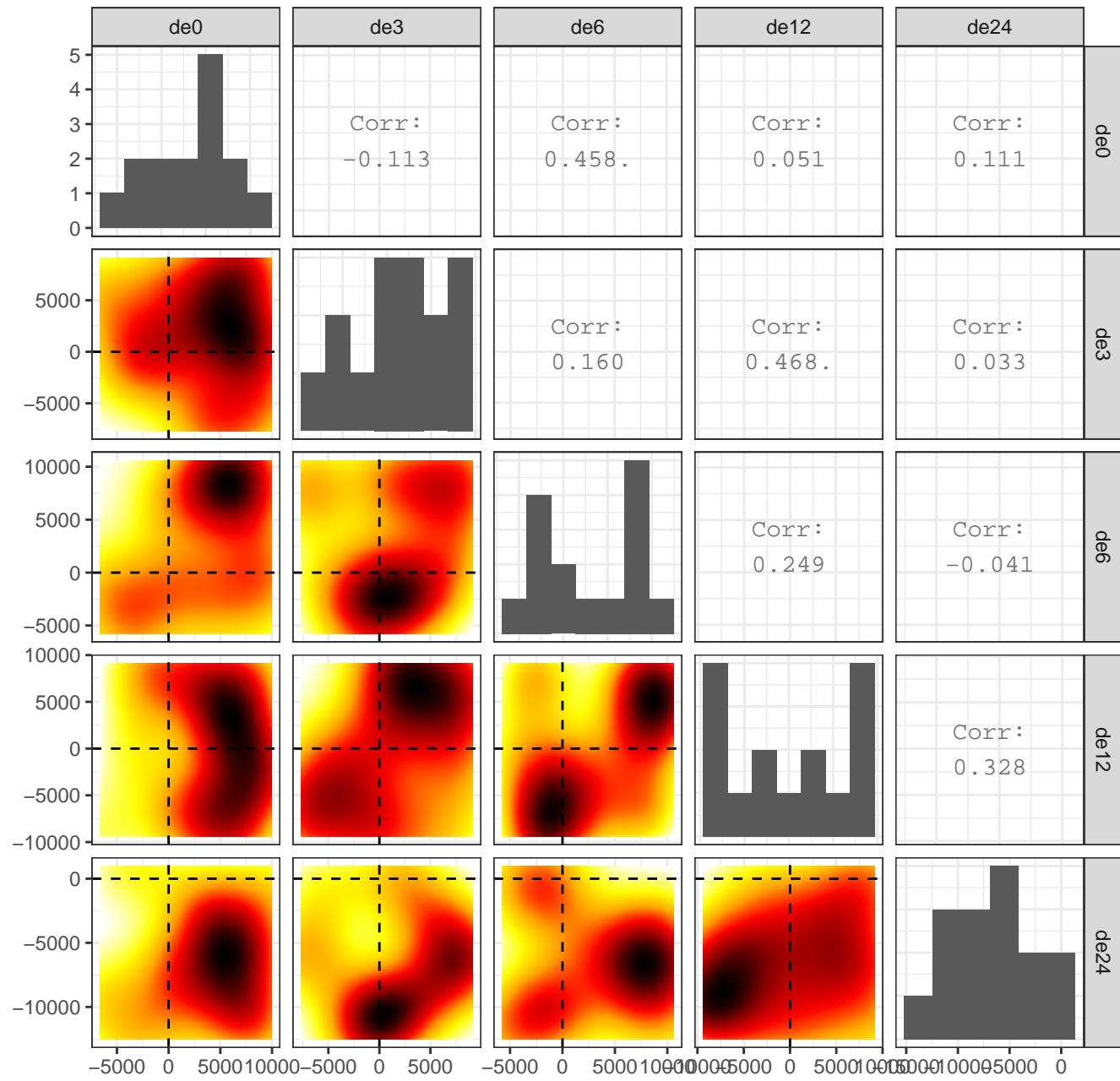
PROTEIN_POSTTRANSLATIONAL_MODIFICATION_KINASE_RECEPTOR_LIKE



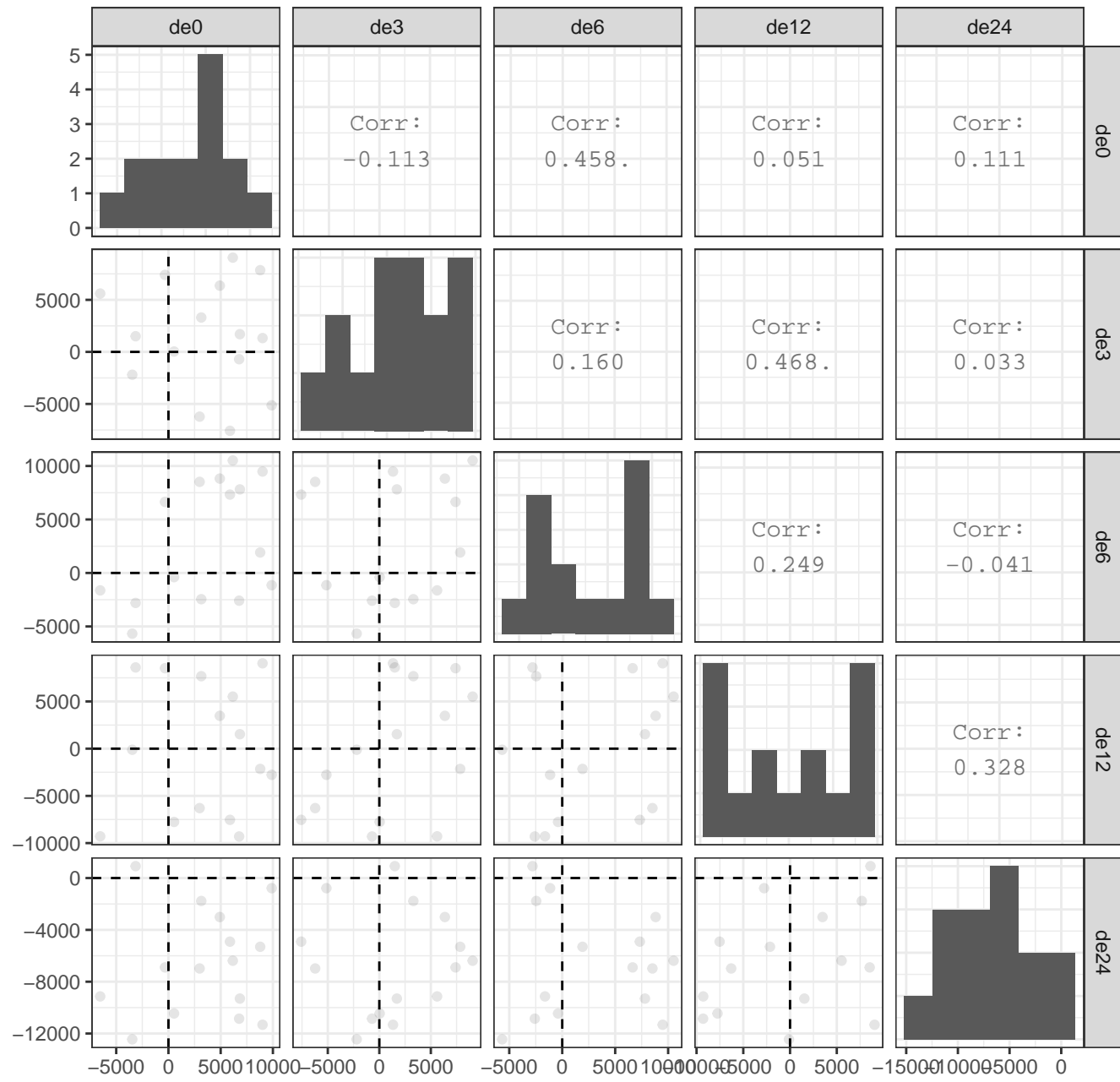
PROTEIN_POSTRANSLATIONAL_MODIFICATION



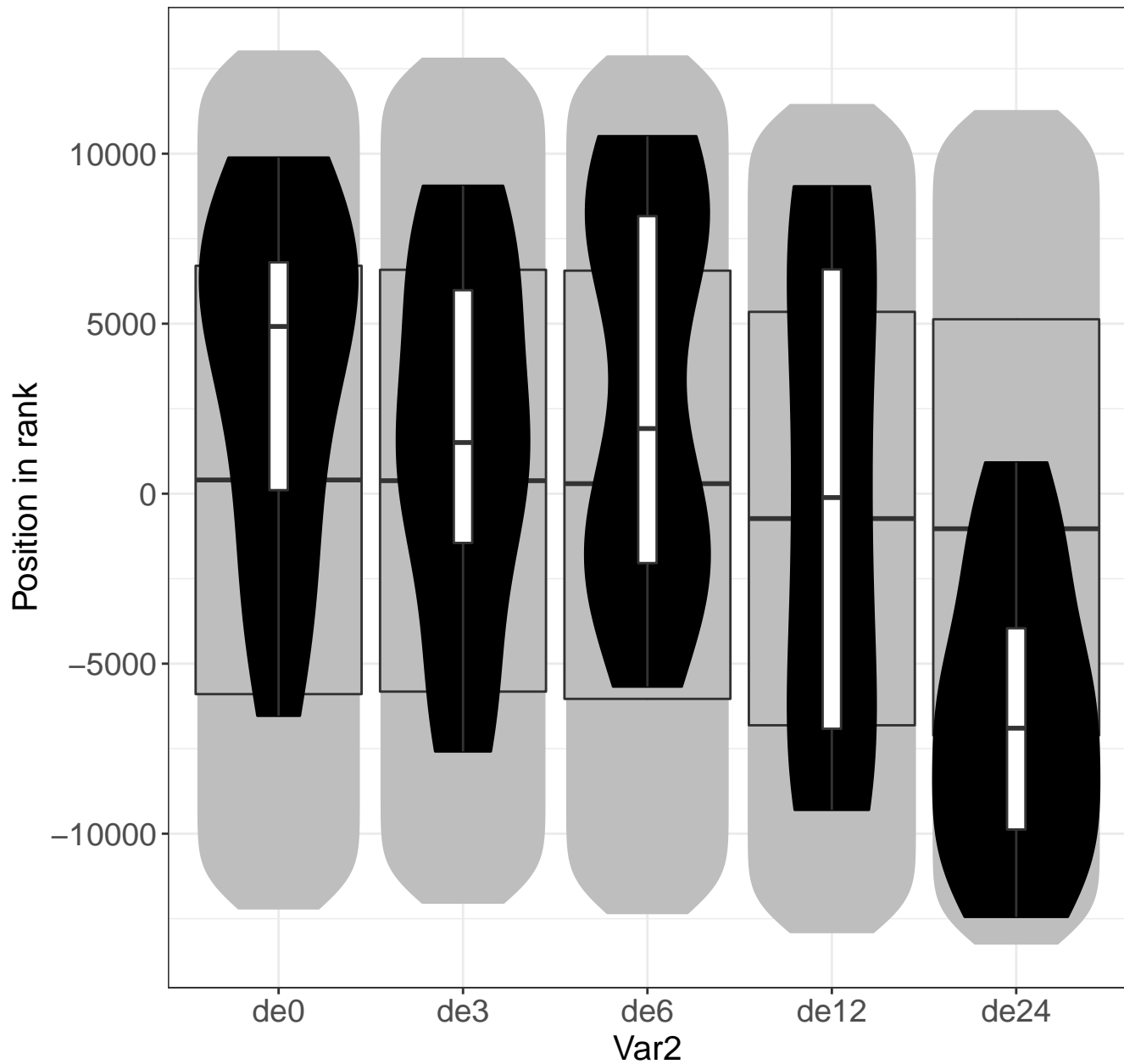
PROTEIN_AA_ACTIVATION_PSEUDOURIDYLATE_SYNTHASE



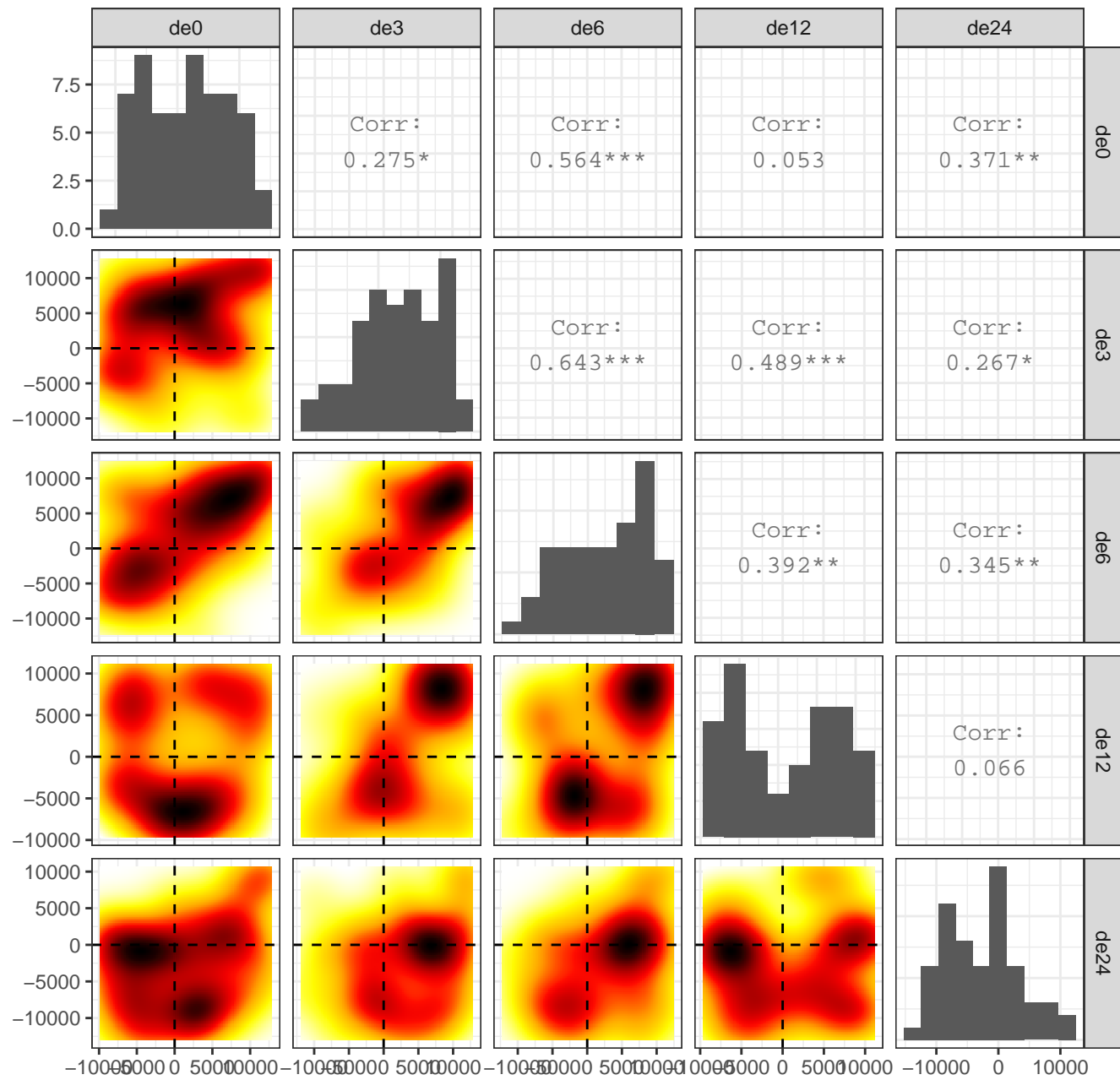
PROTEIN_AA_ACTIVATION_PSEUDOURIDYLATE_SYNTHASE



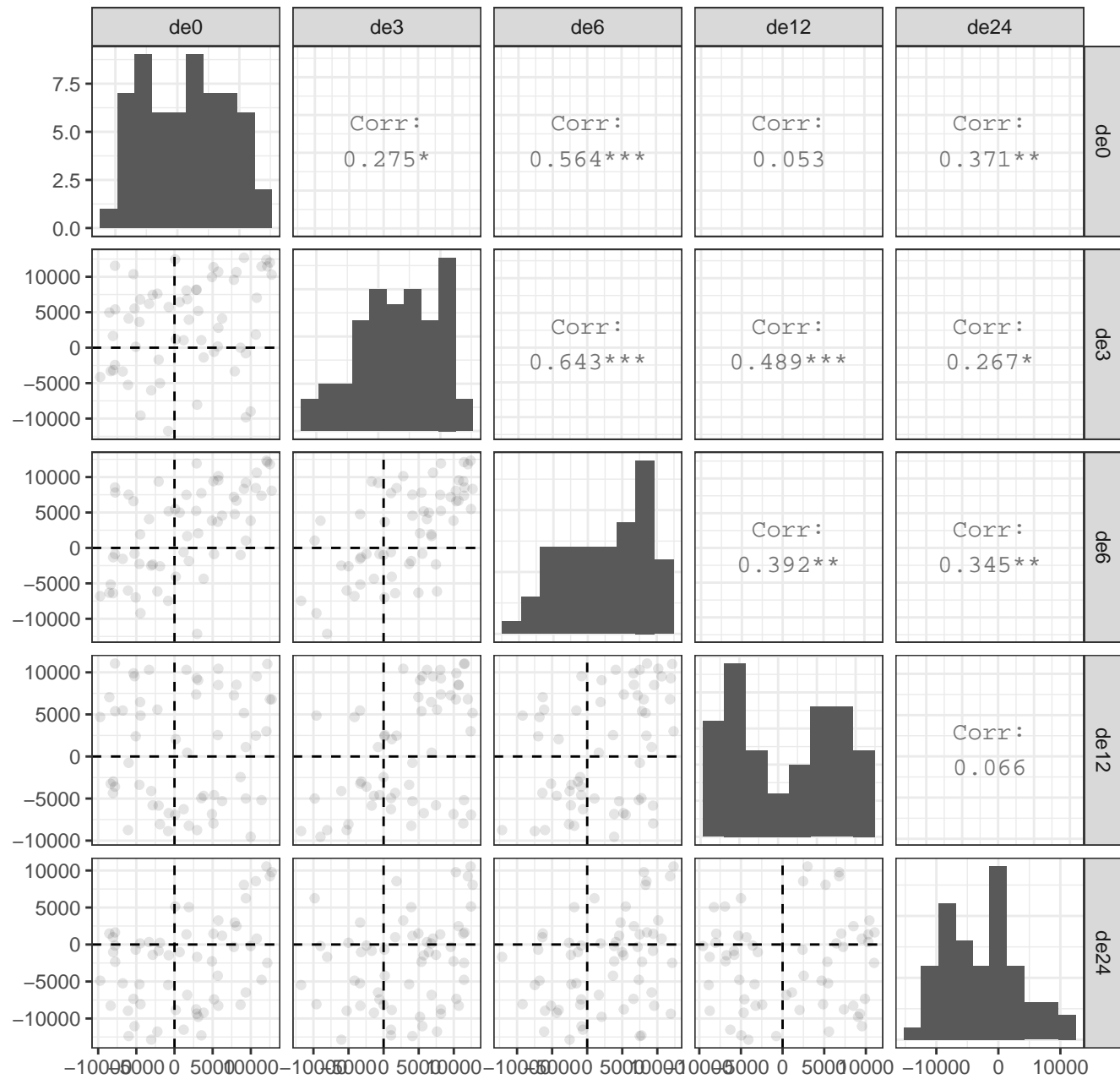
PROTEIN_AA_ACTIVATION_PSEUDOURIDYLA



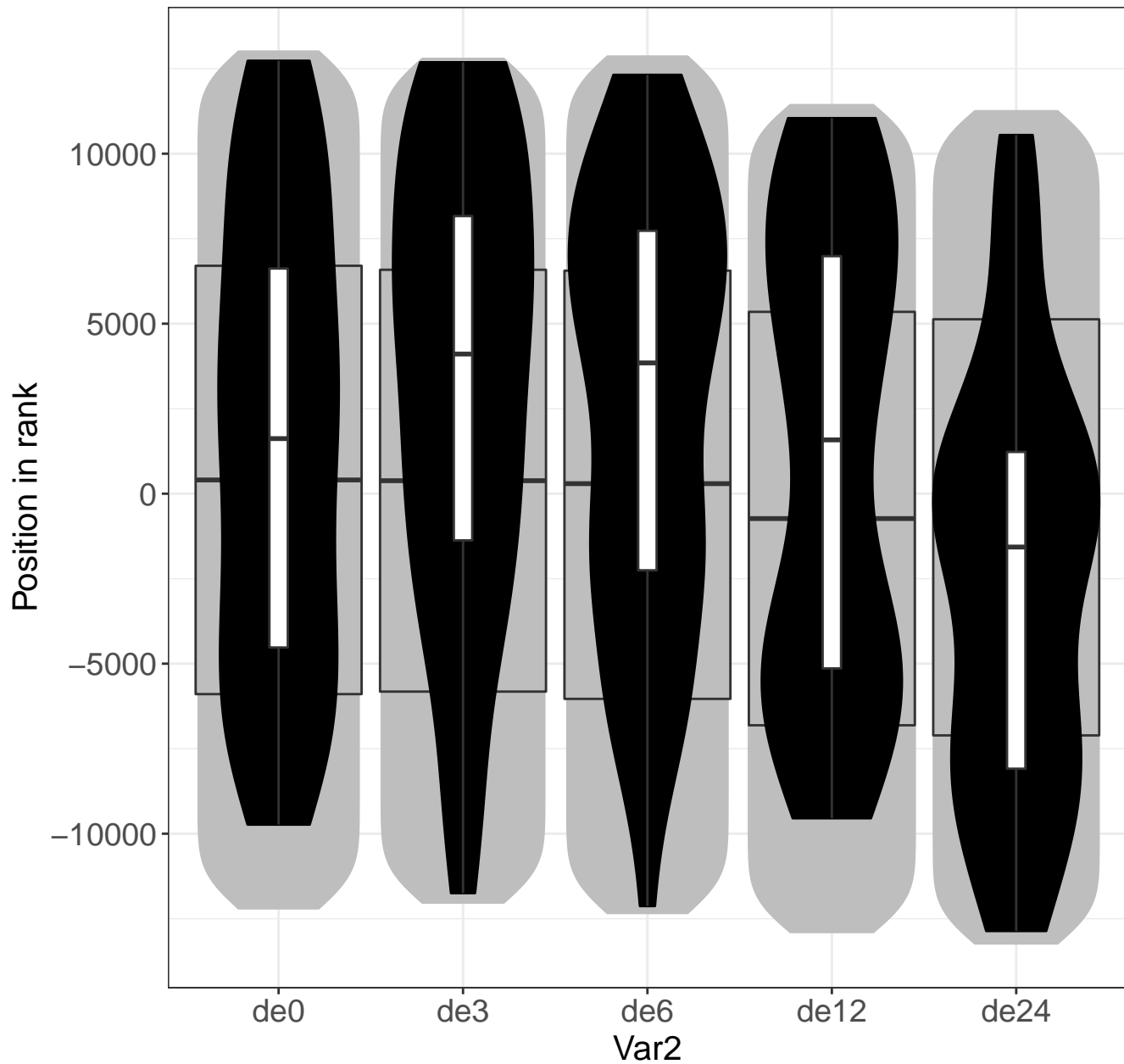
PROTEIN_DEGRADATION



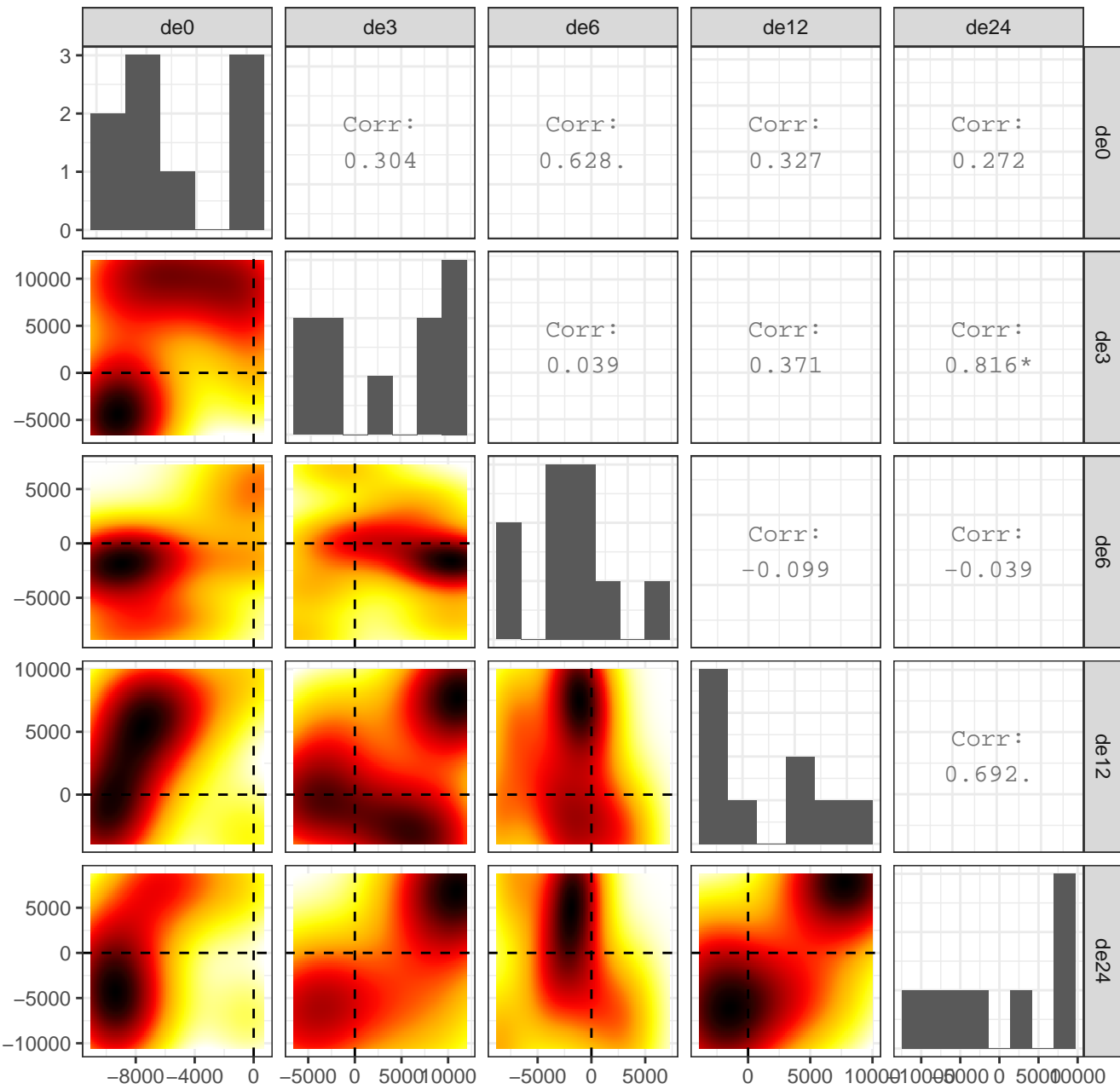
PROTEIN_DEGRADATION



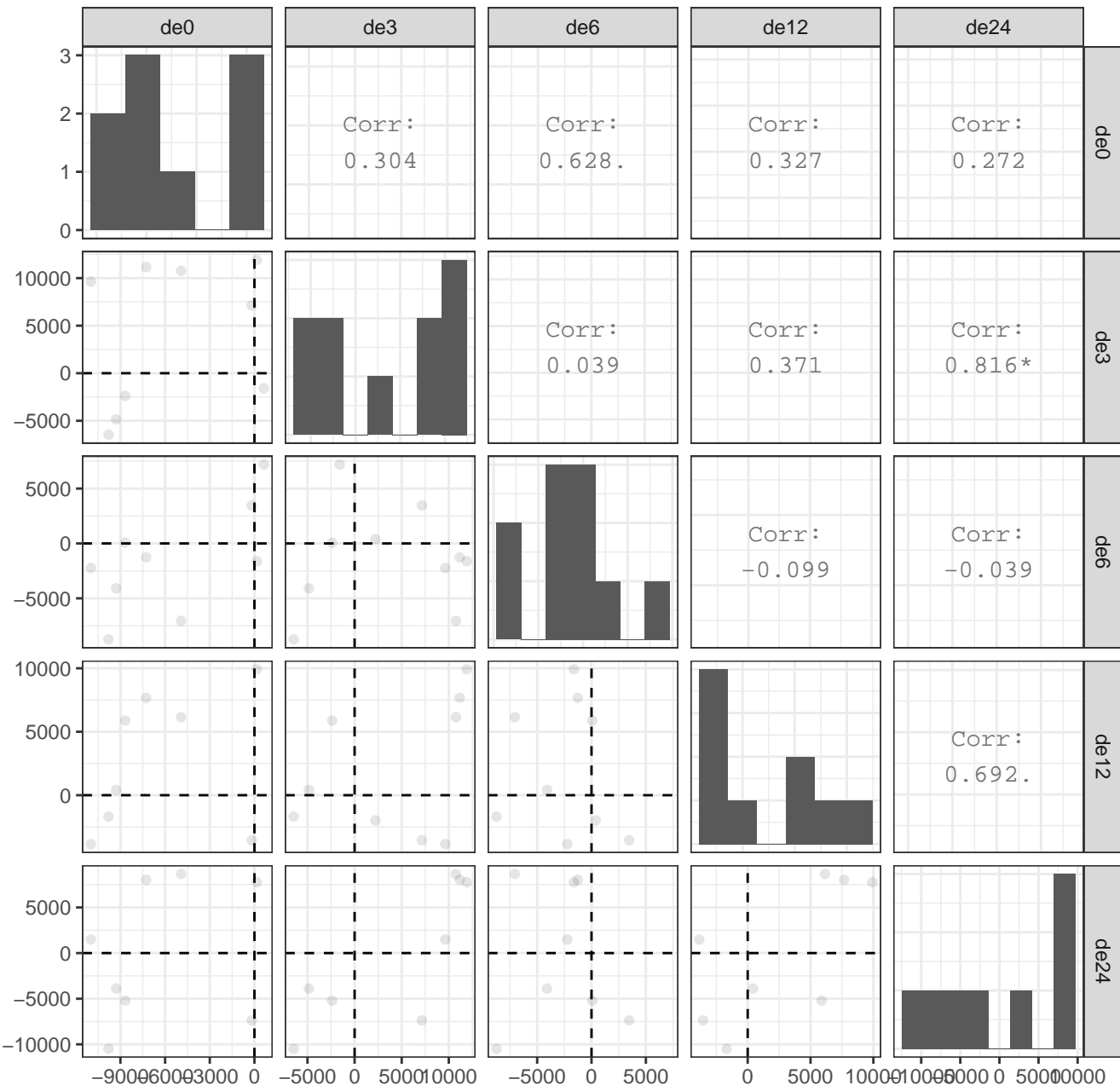
PROTEIN_DEGRADATION



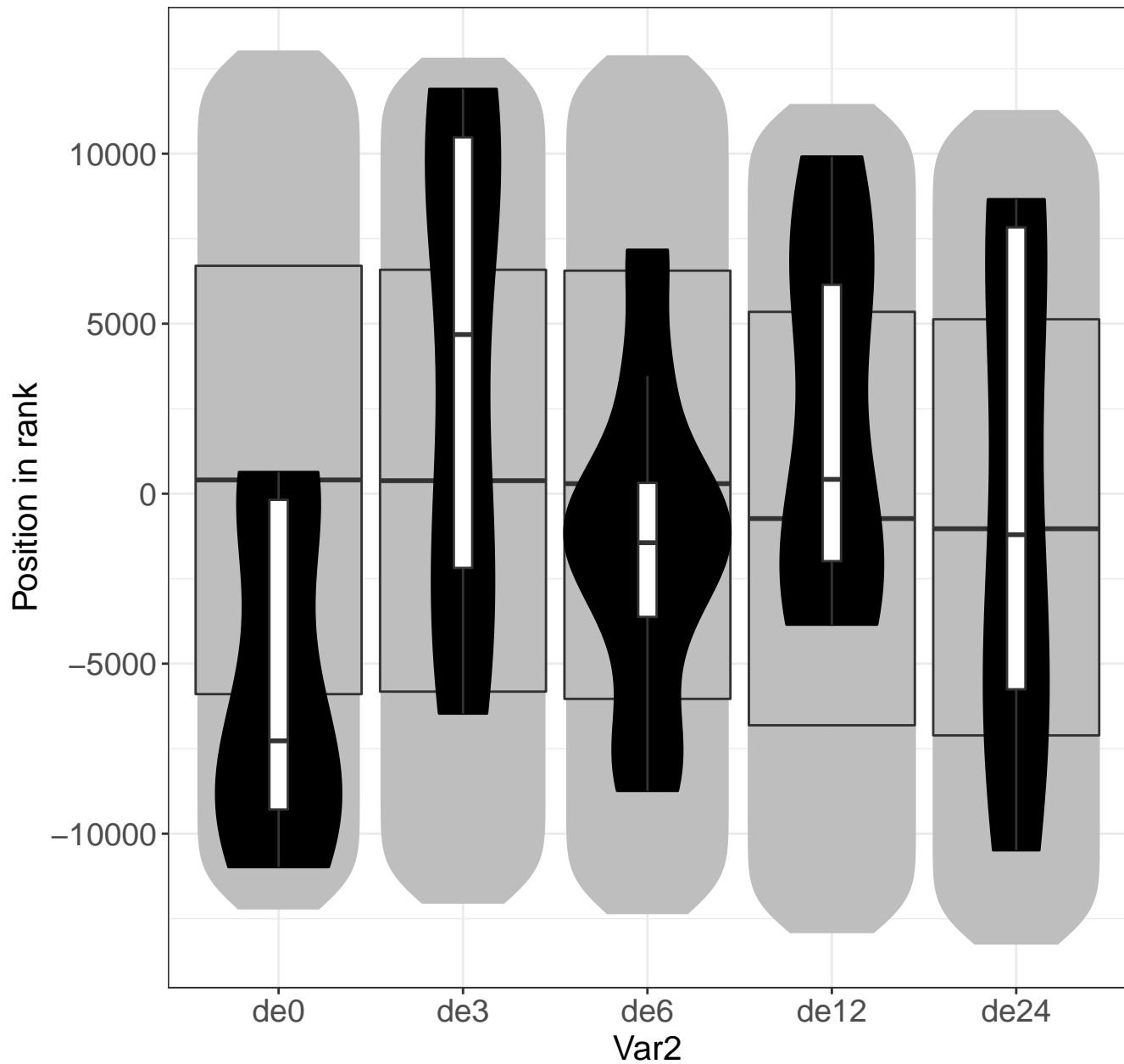
MISC_PLASTOCYANIN-LIKE



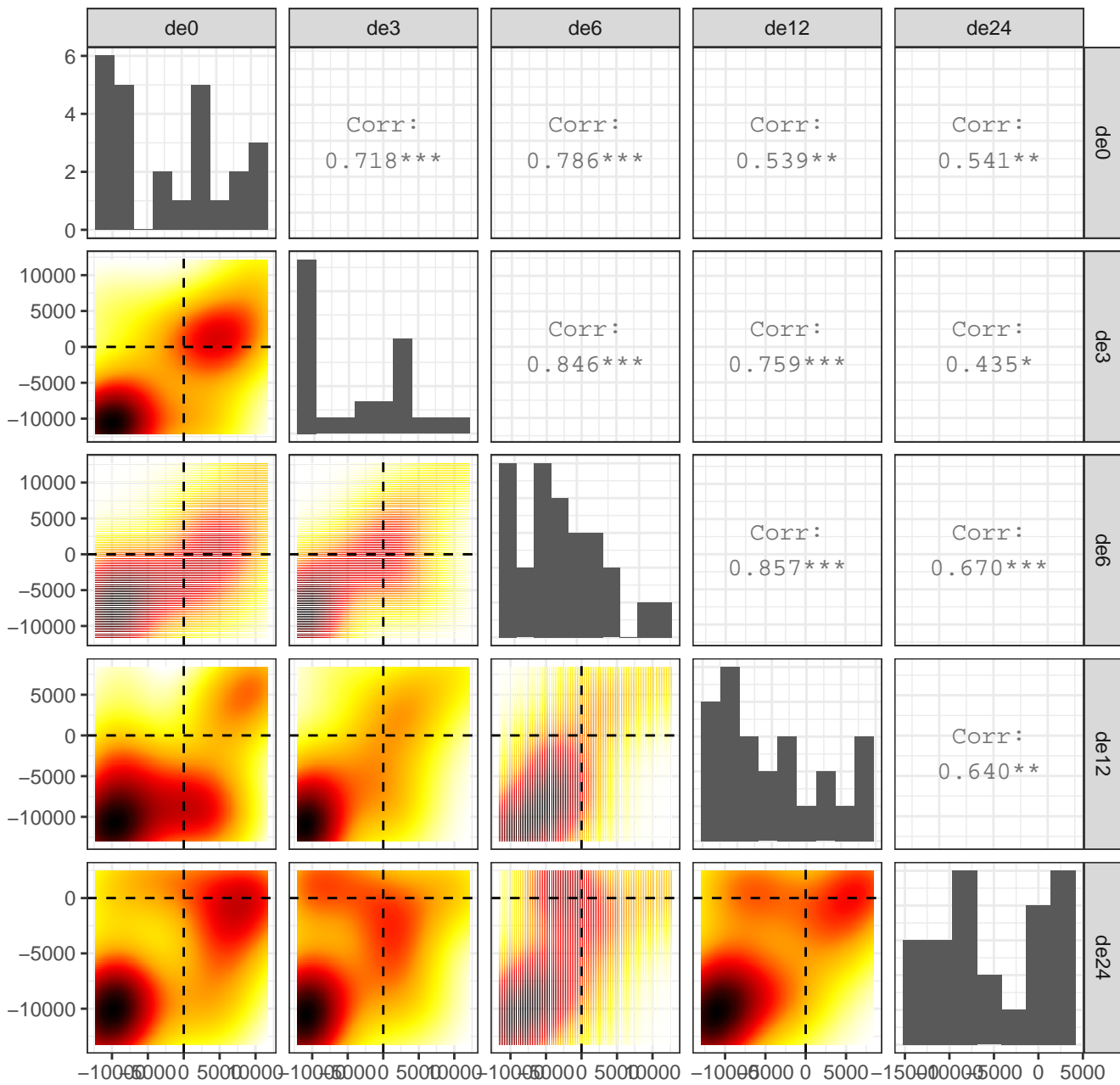
MISC_PLASTOCYANIN-LIKE



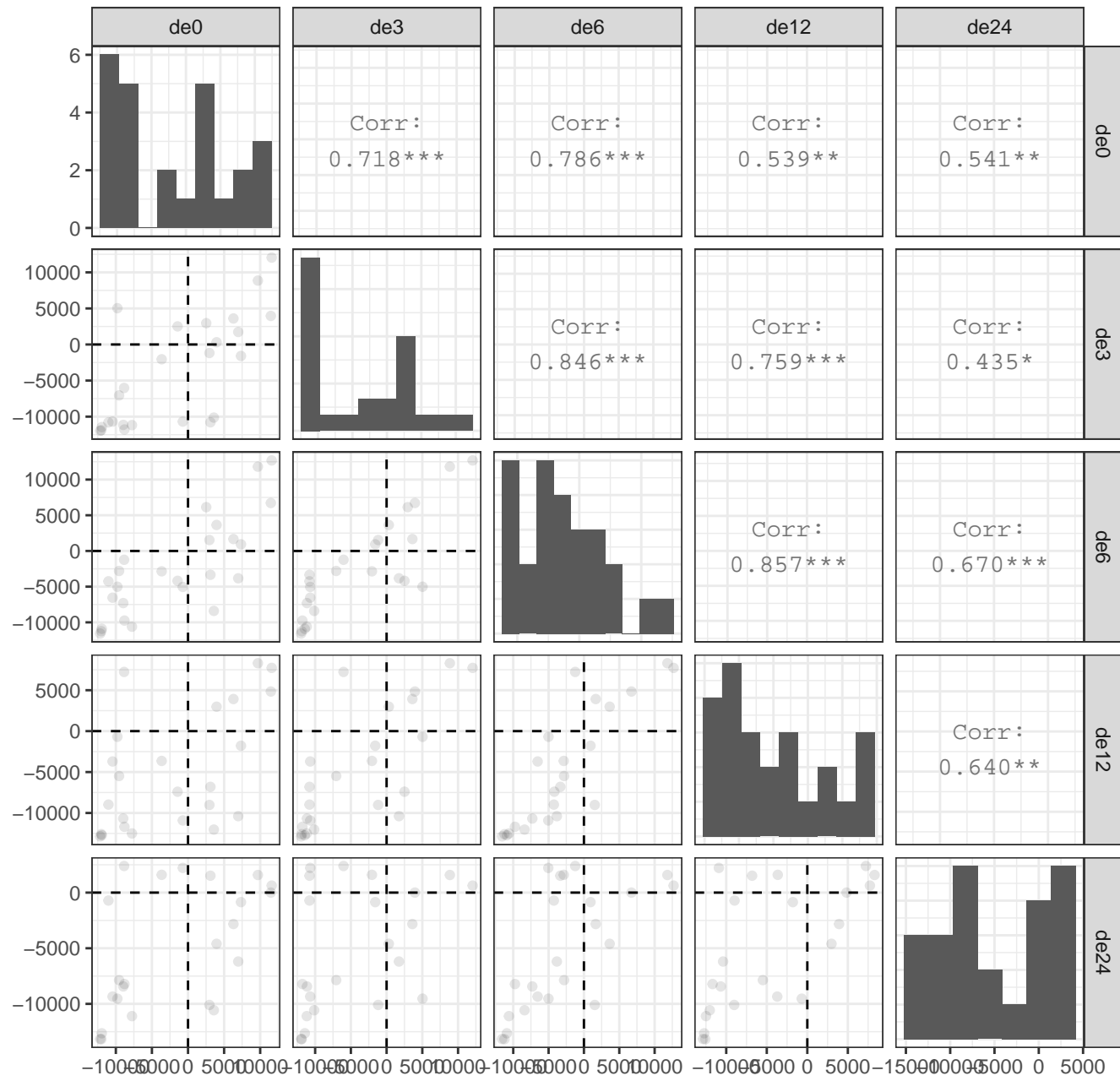
MISC_PLASTOCYANIN-LIKE



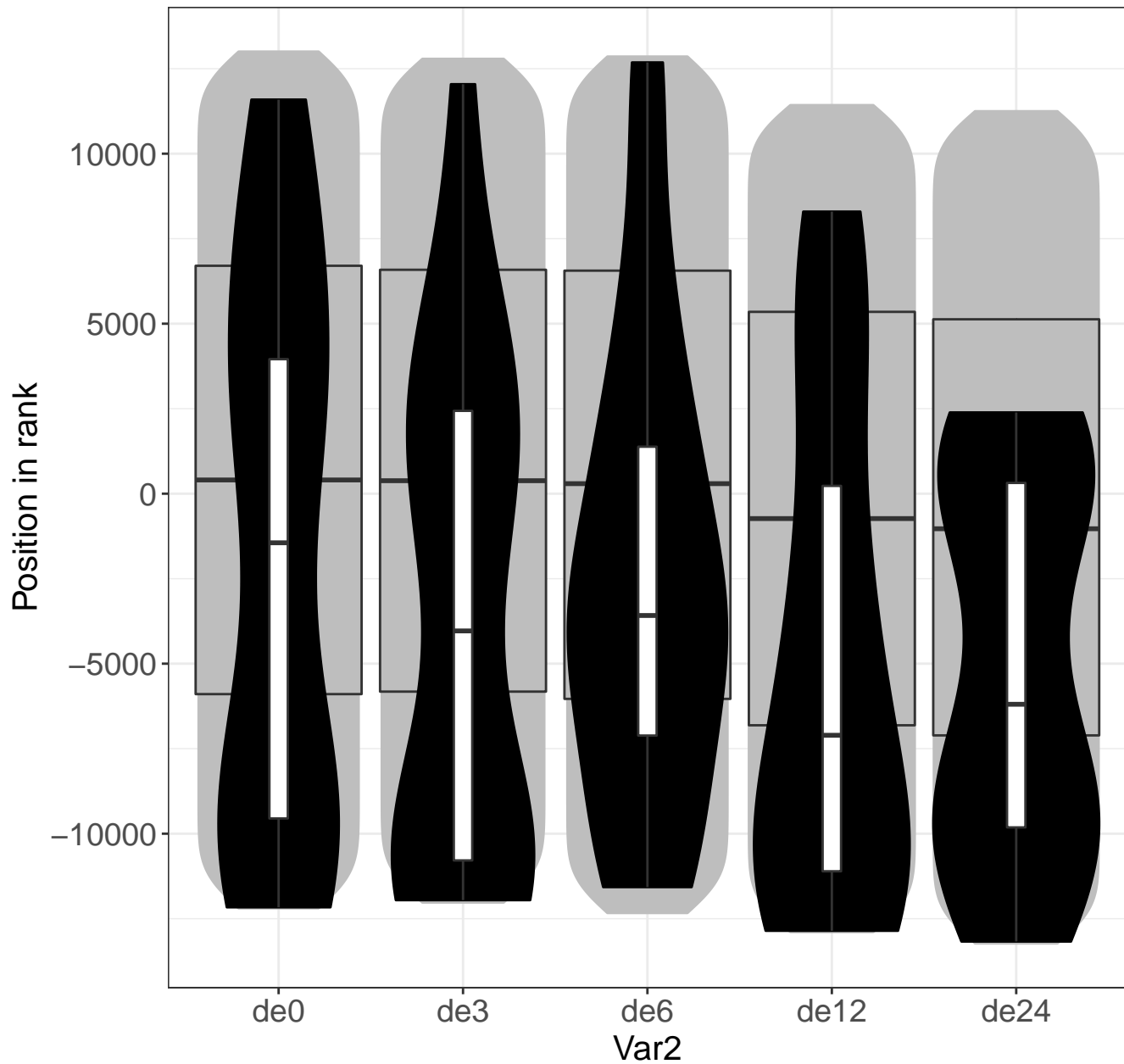
RNA_PROCESSING_SPLICING



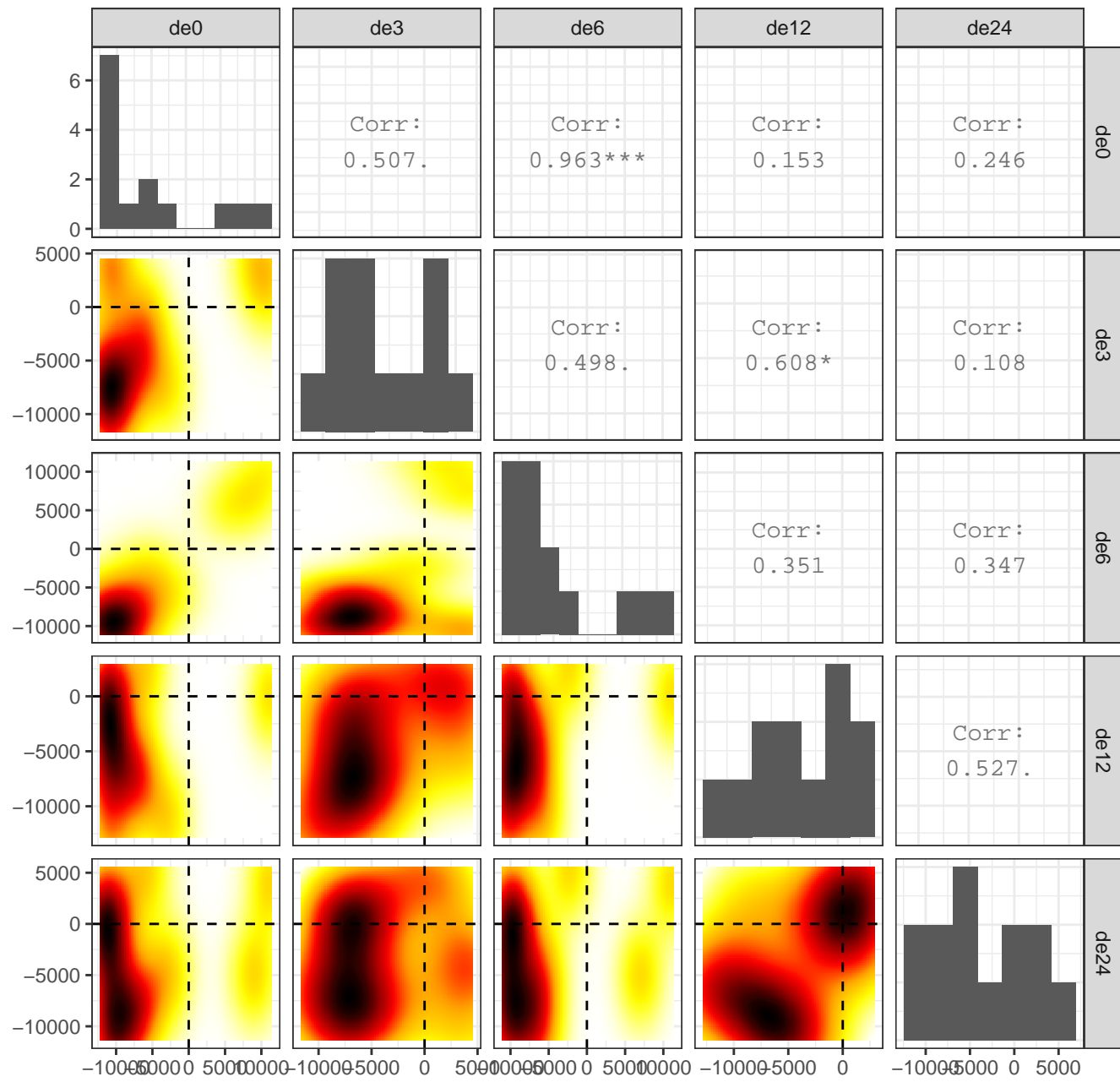
RNA_PROCESSING_SPLICING



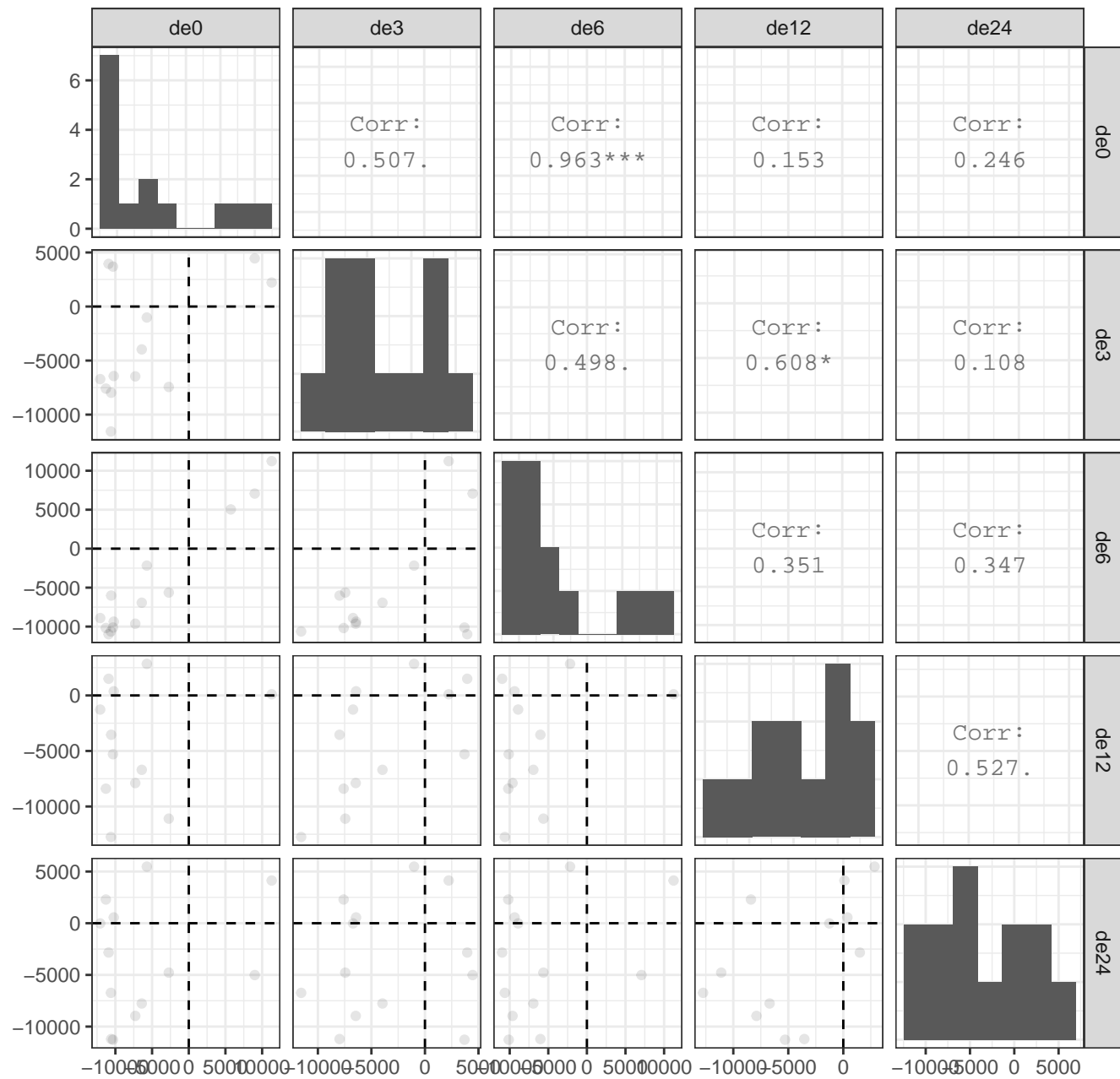
RNA_PROCESSING_SPLICING



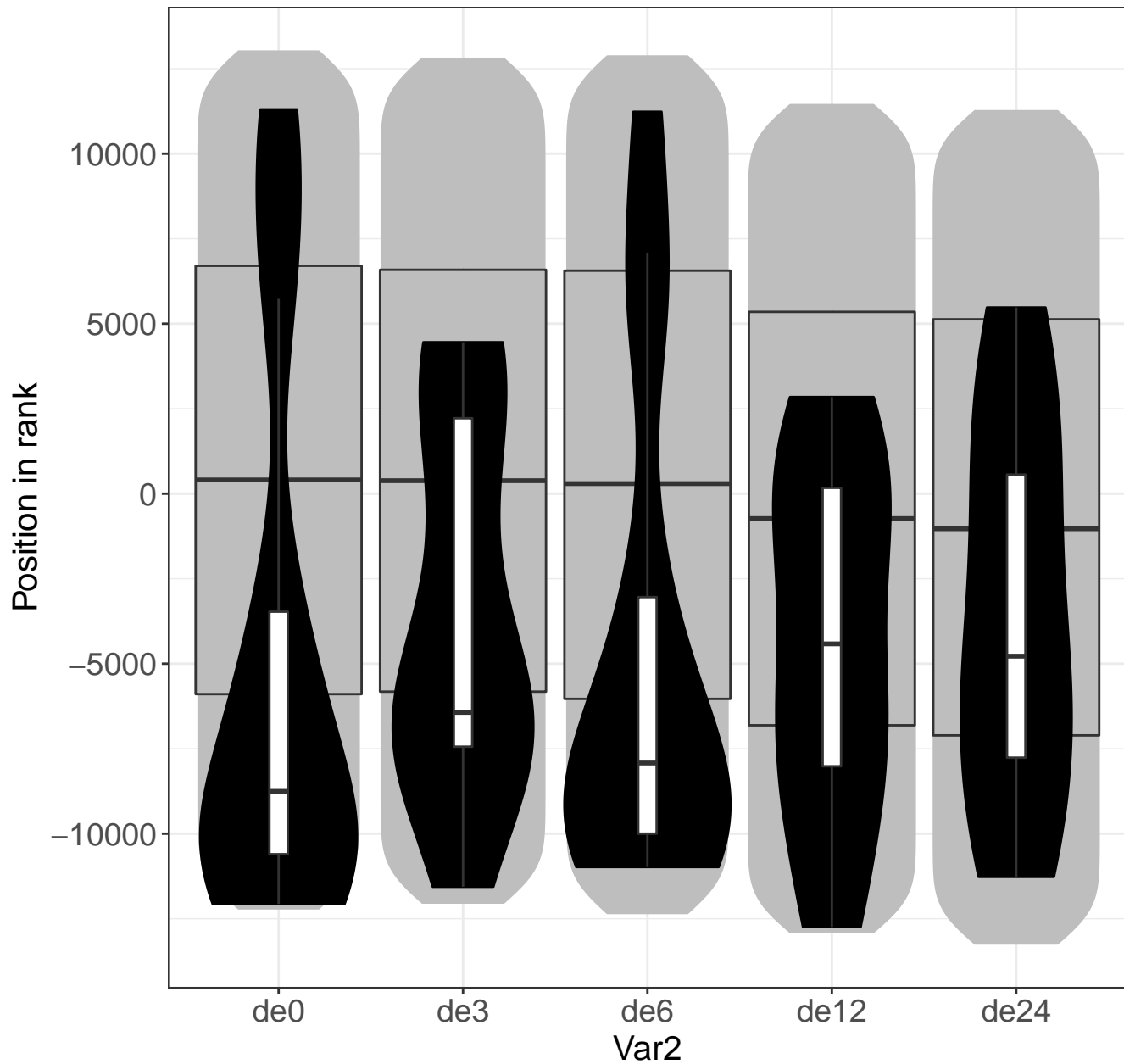
RNA_REGULATION_OF_TRANSCRIPTION_G2-LIKE_TRANSCRIPTION_FACT



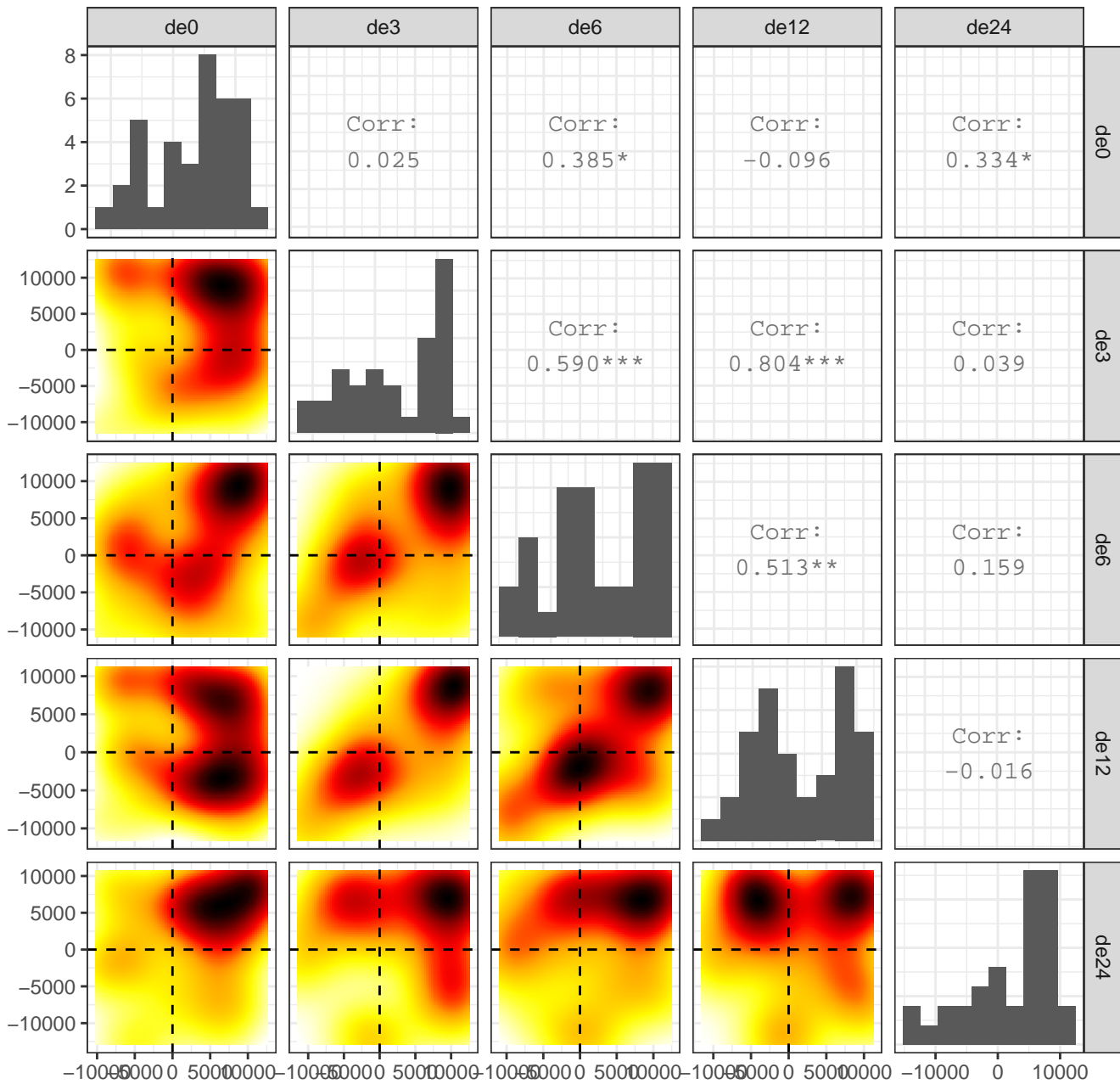
RNA_REGULATION_OF_TRANSCRIPTION_G2-LIKE_TRANSCRIPTION_FACT



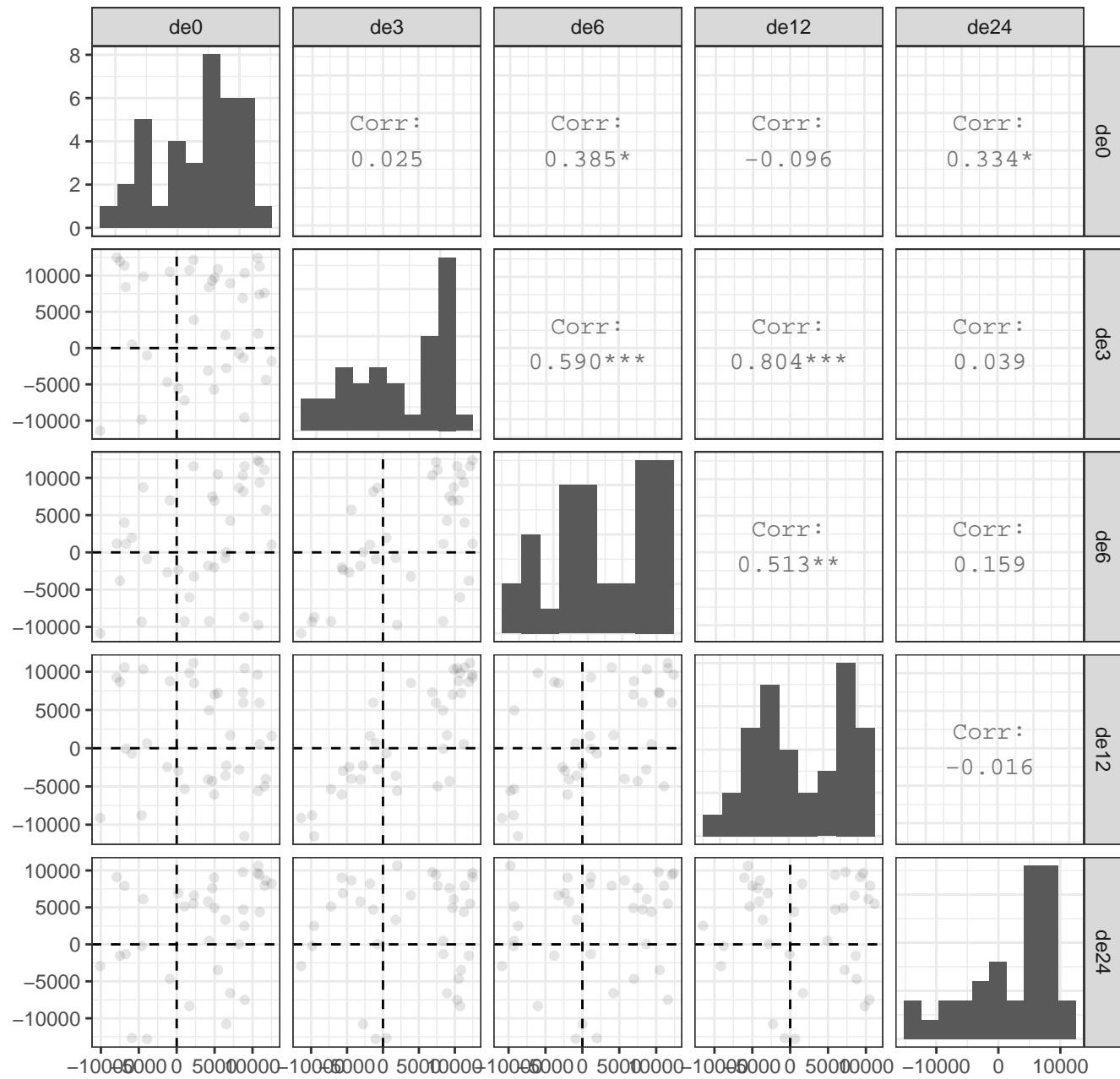
RNA_REGULATION_OF_TRANSCRIPTION_G2



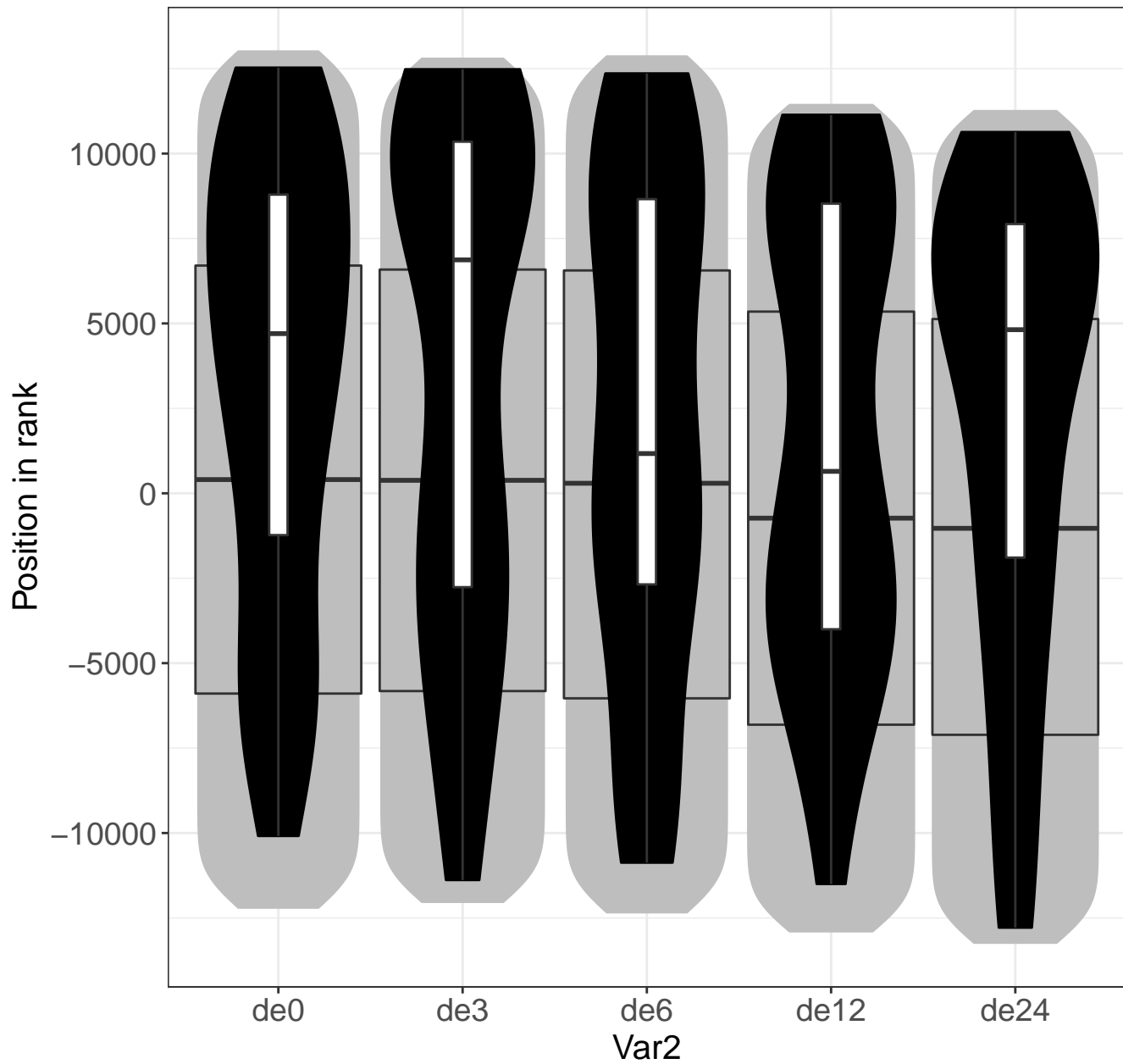
TRANSPORT_MISC



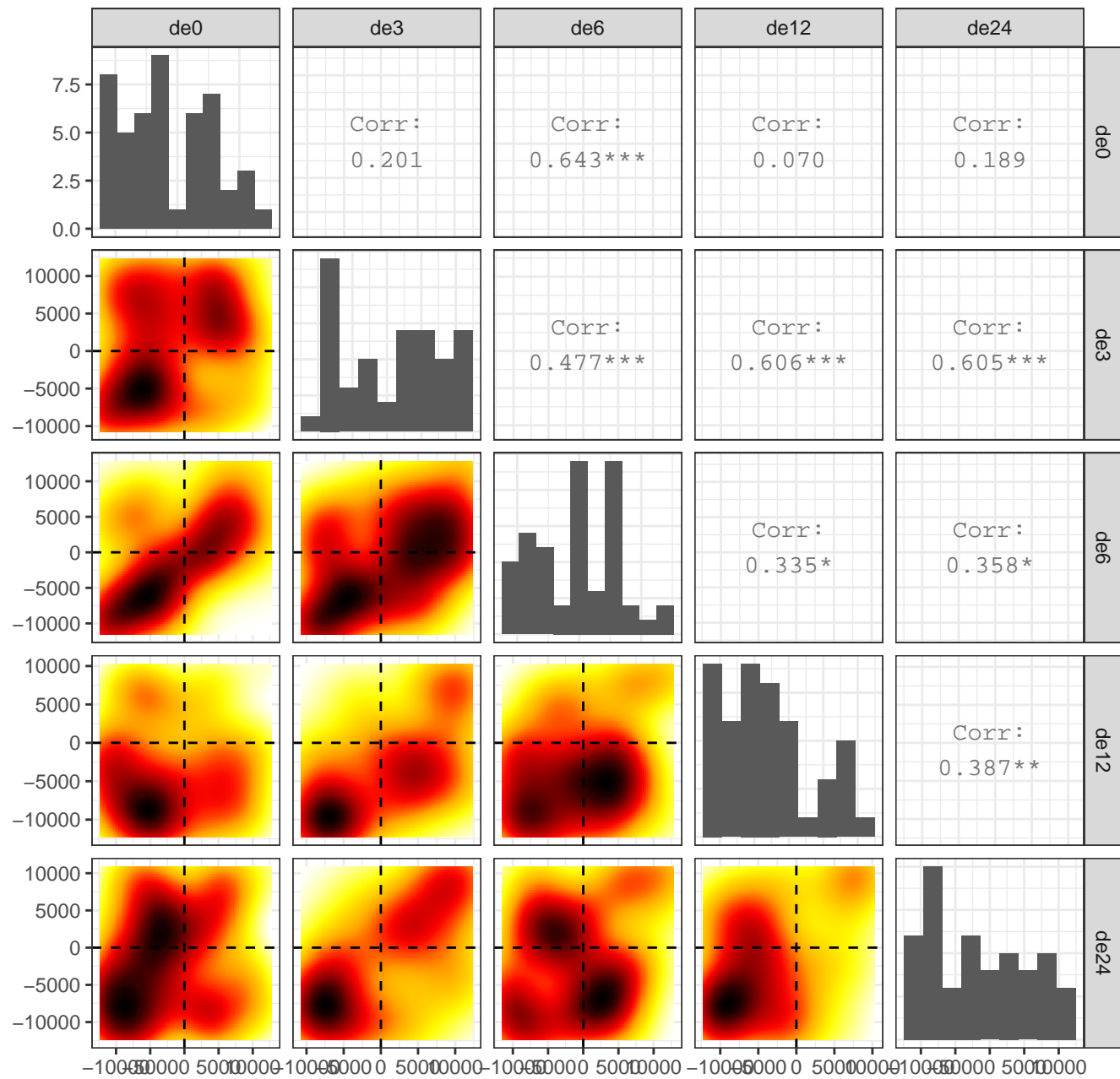
TRANSPORT_MISC



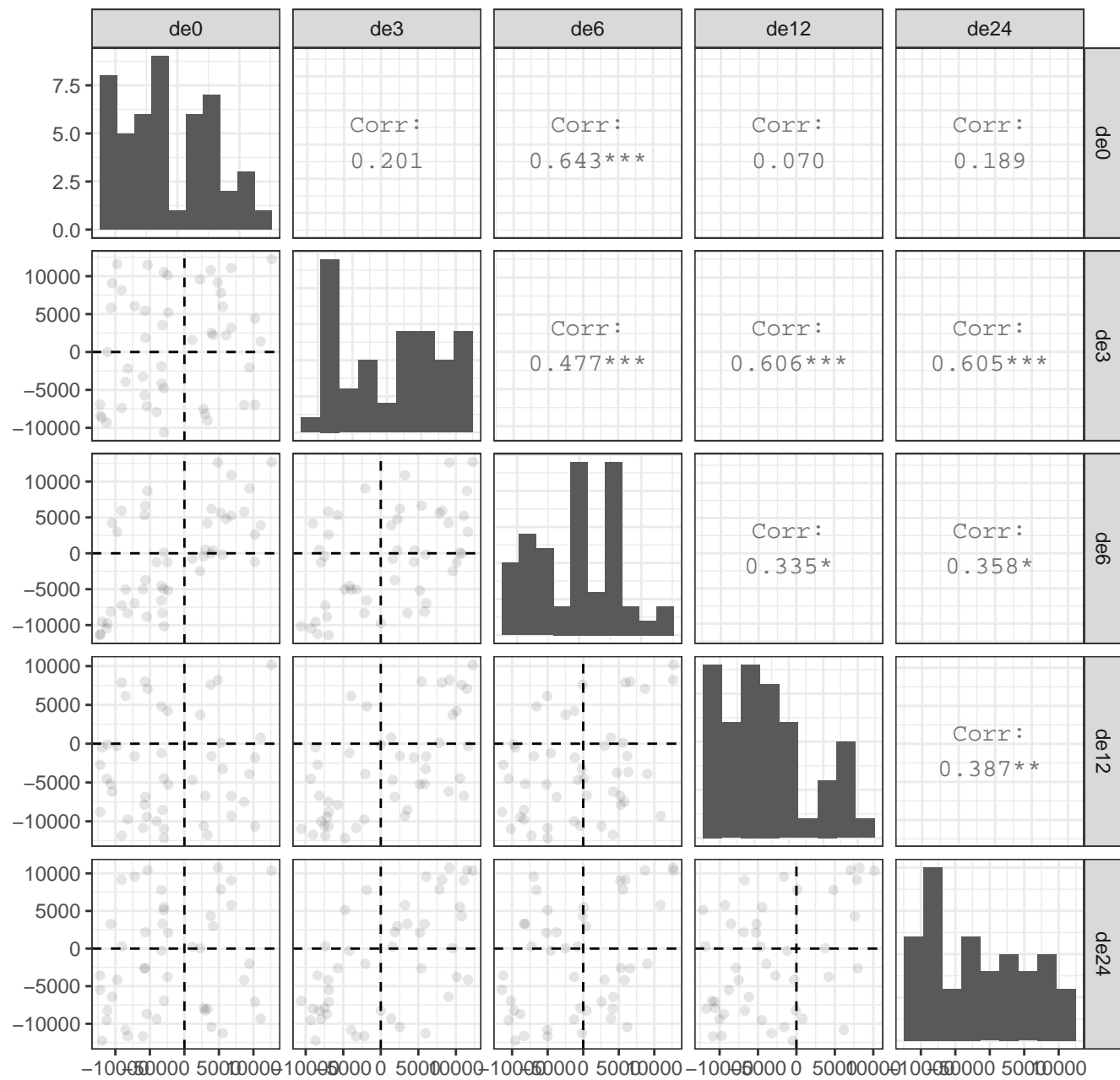
TRANSPORT_MISC



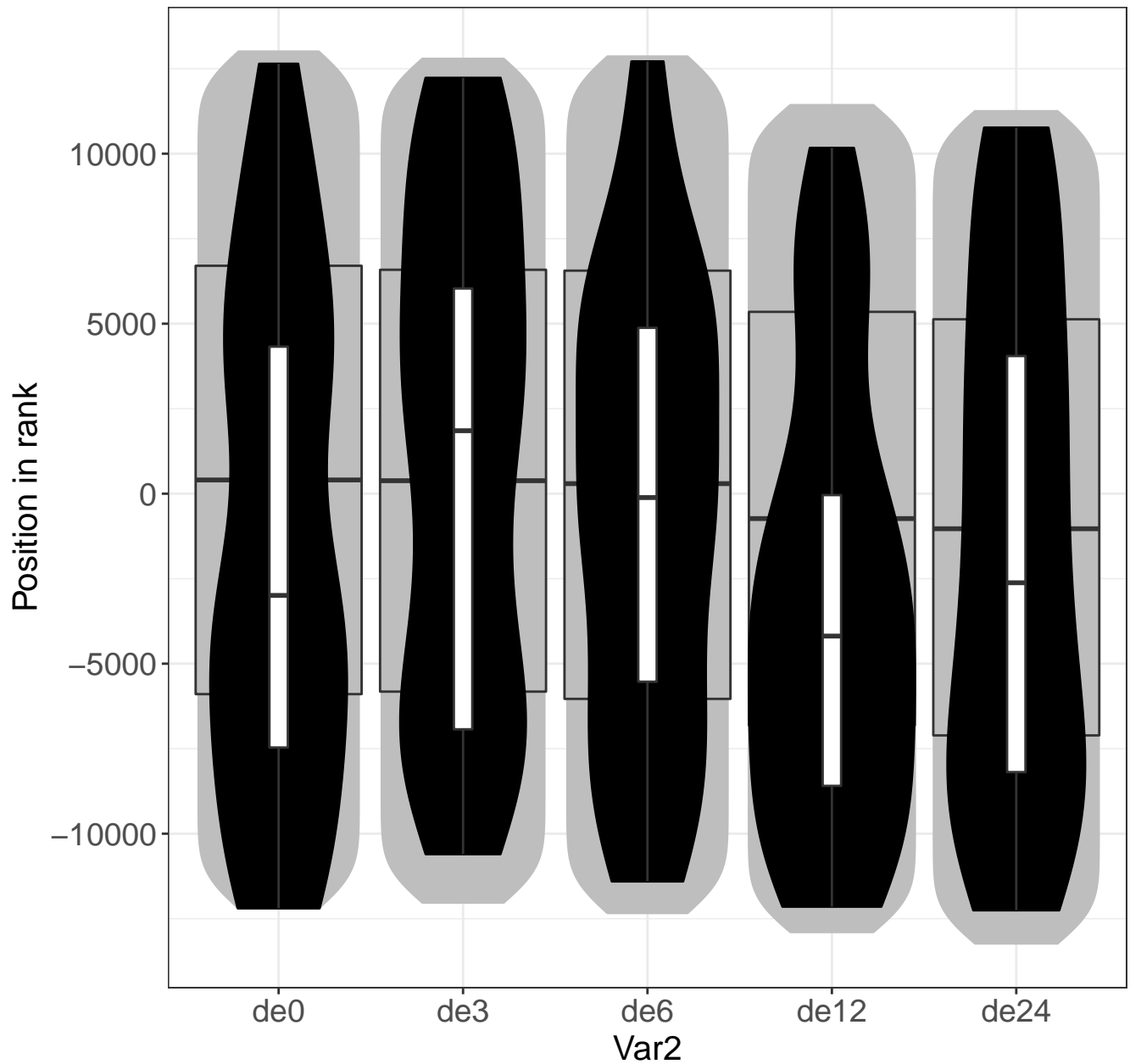
NOT_ASSIGNED_NO_ONTOLOGY_HYDROXYPROLINE_RICH_PROTEINS



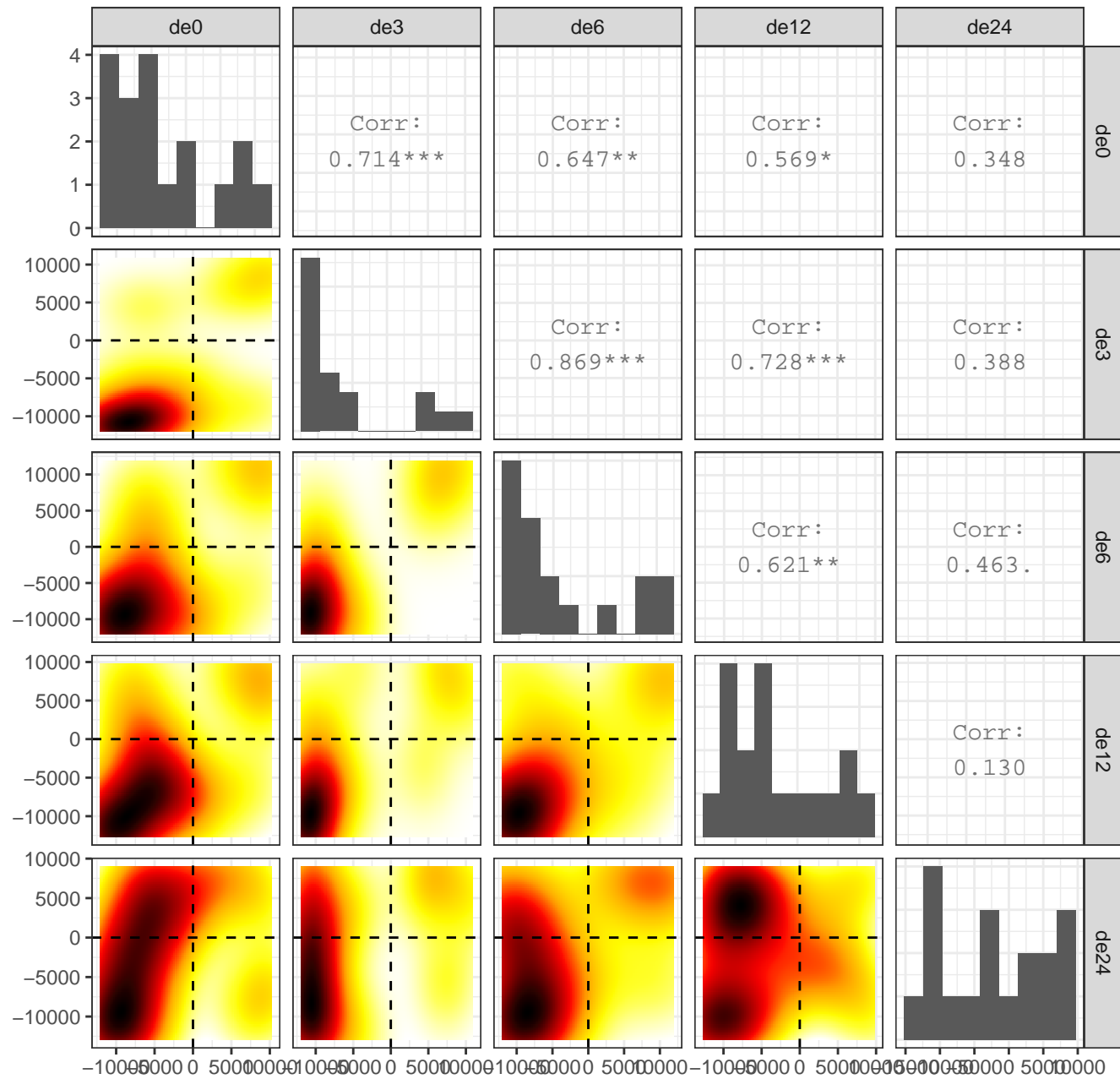
NOT_ASSIGNED_NO_ONTOLOGY_HYDROXYPROLINE_RICH_PROTEINS



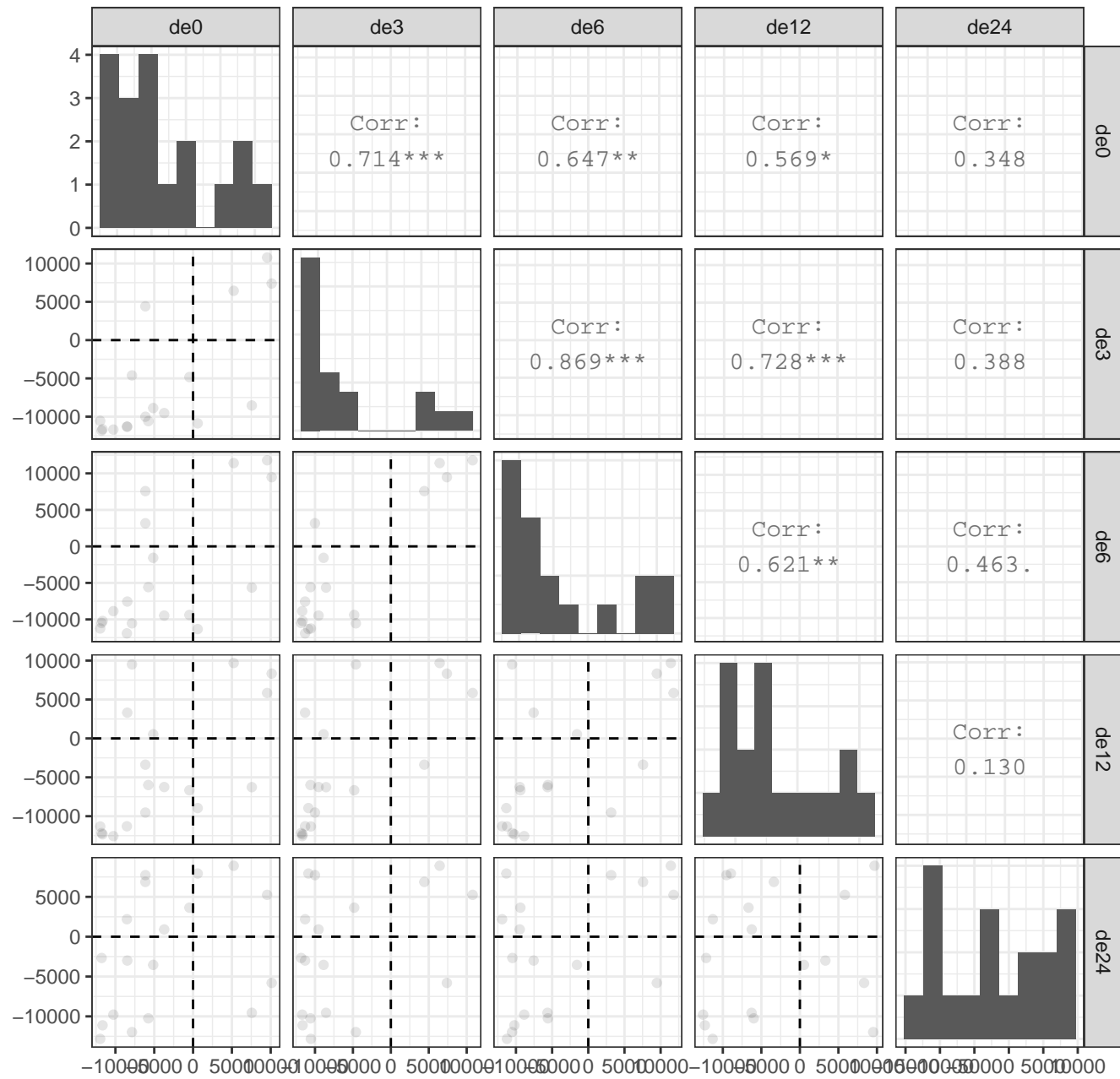
NOT_ASSIGNED_NO_ONTOLOGY_HYDROXY



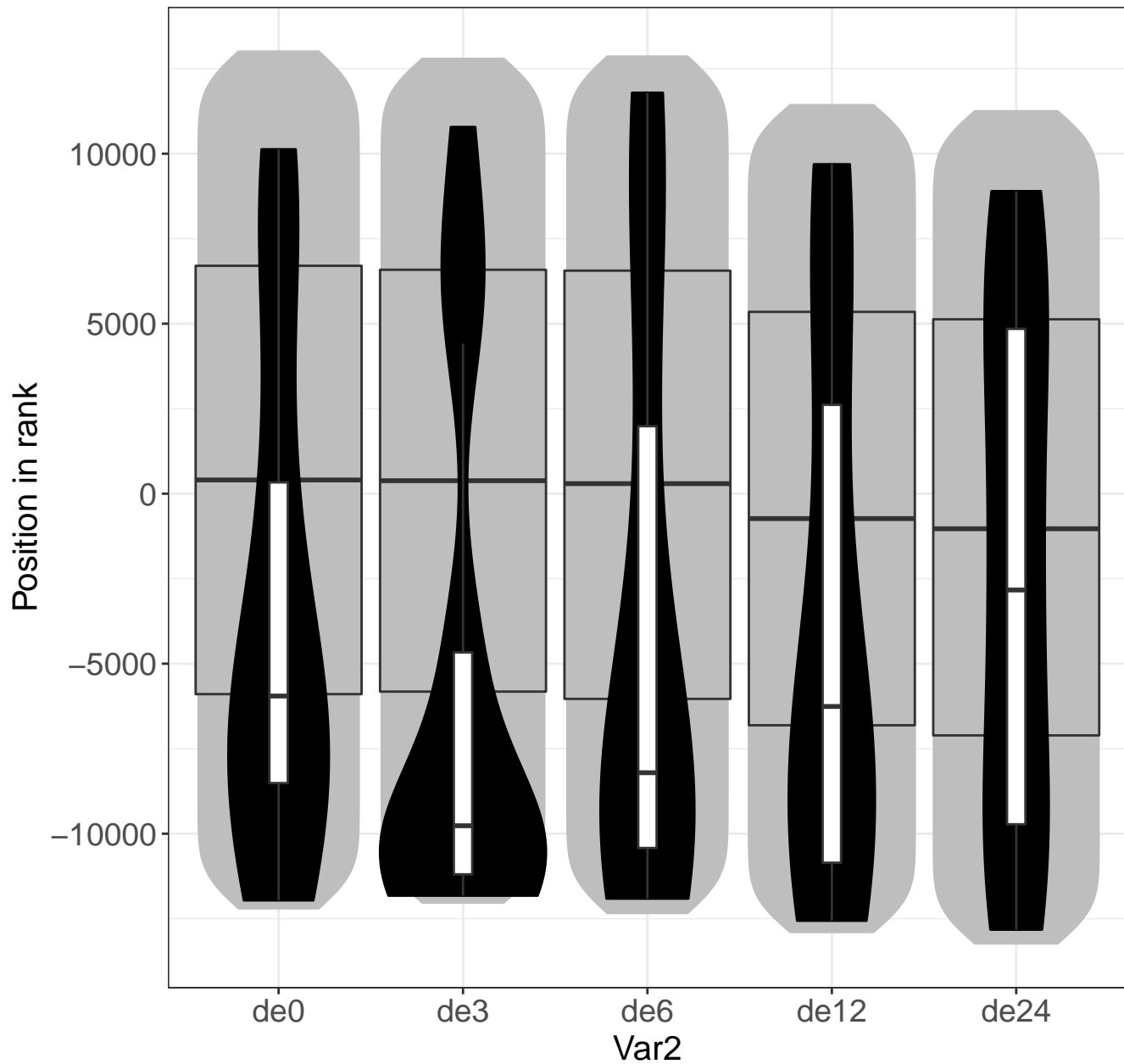
CELL_CYCLE



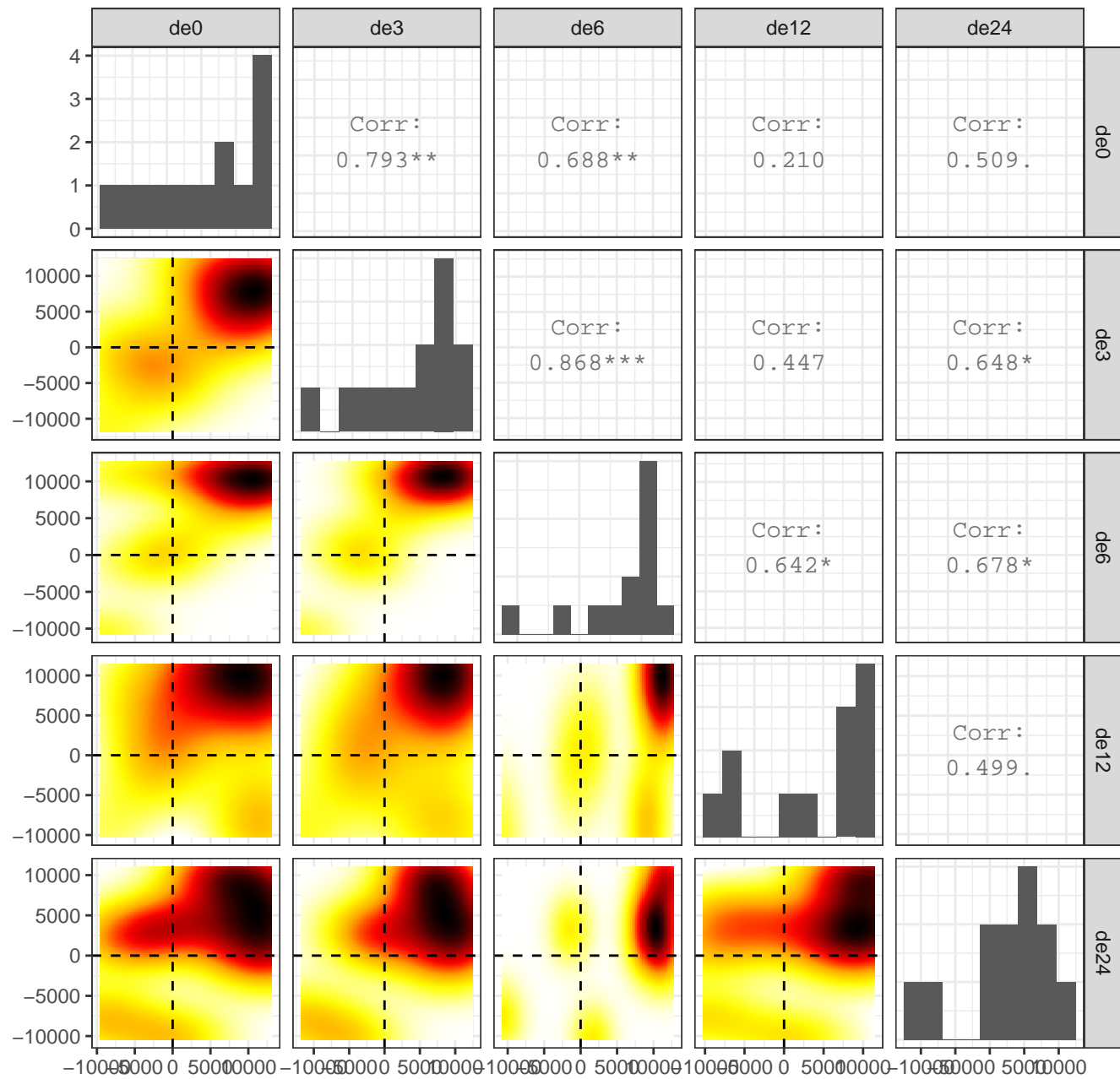
CELL_CYCLE



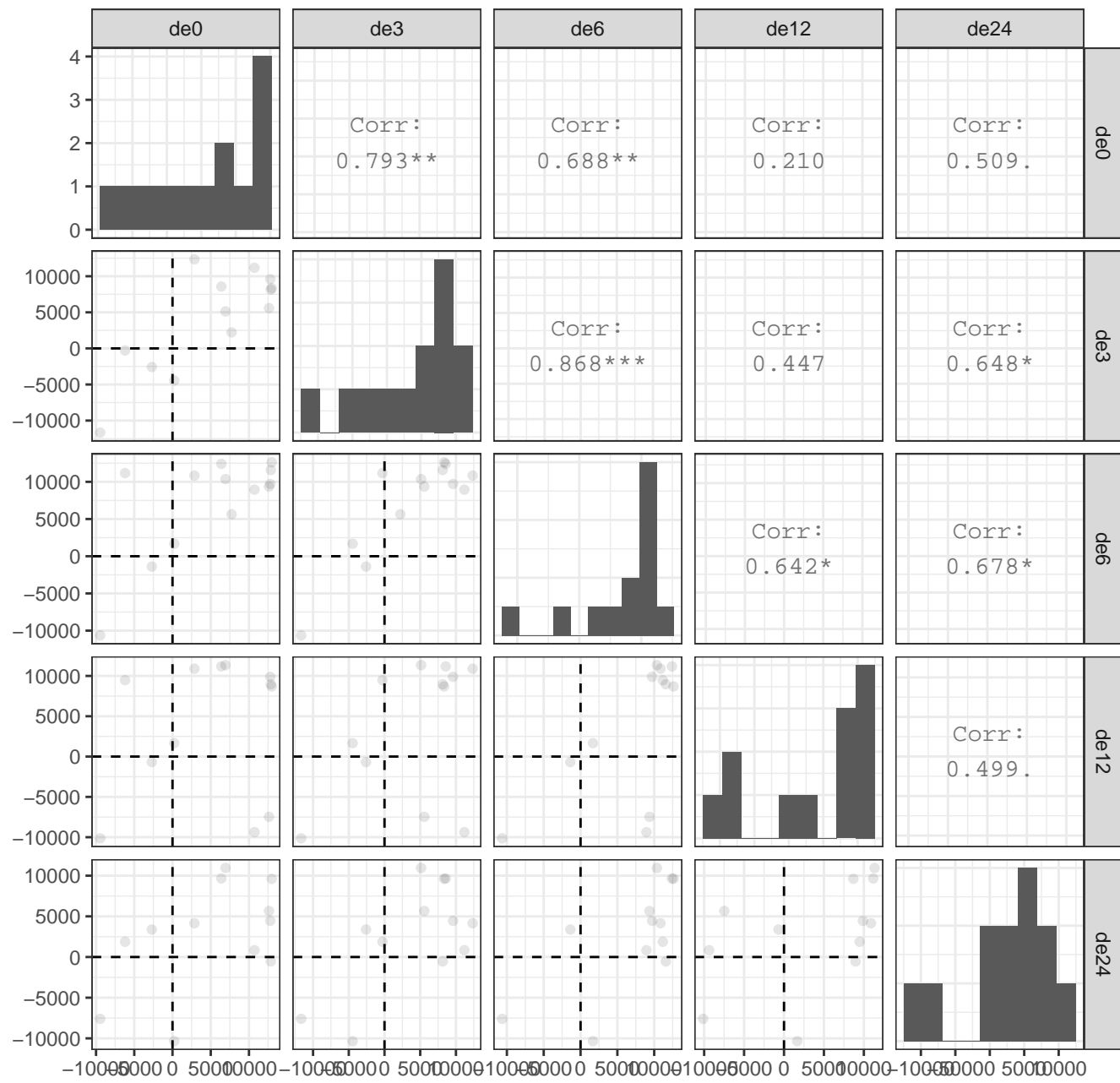
CELL_CYCLE



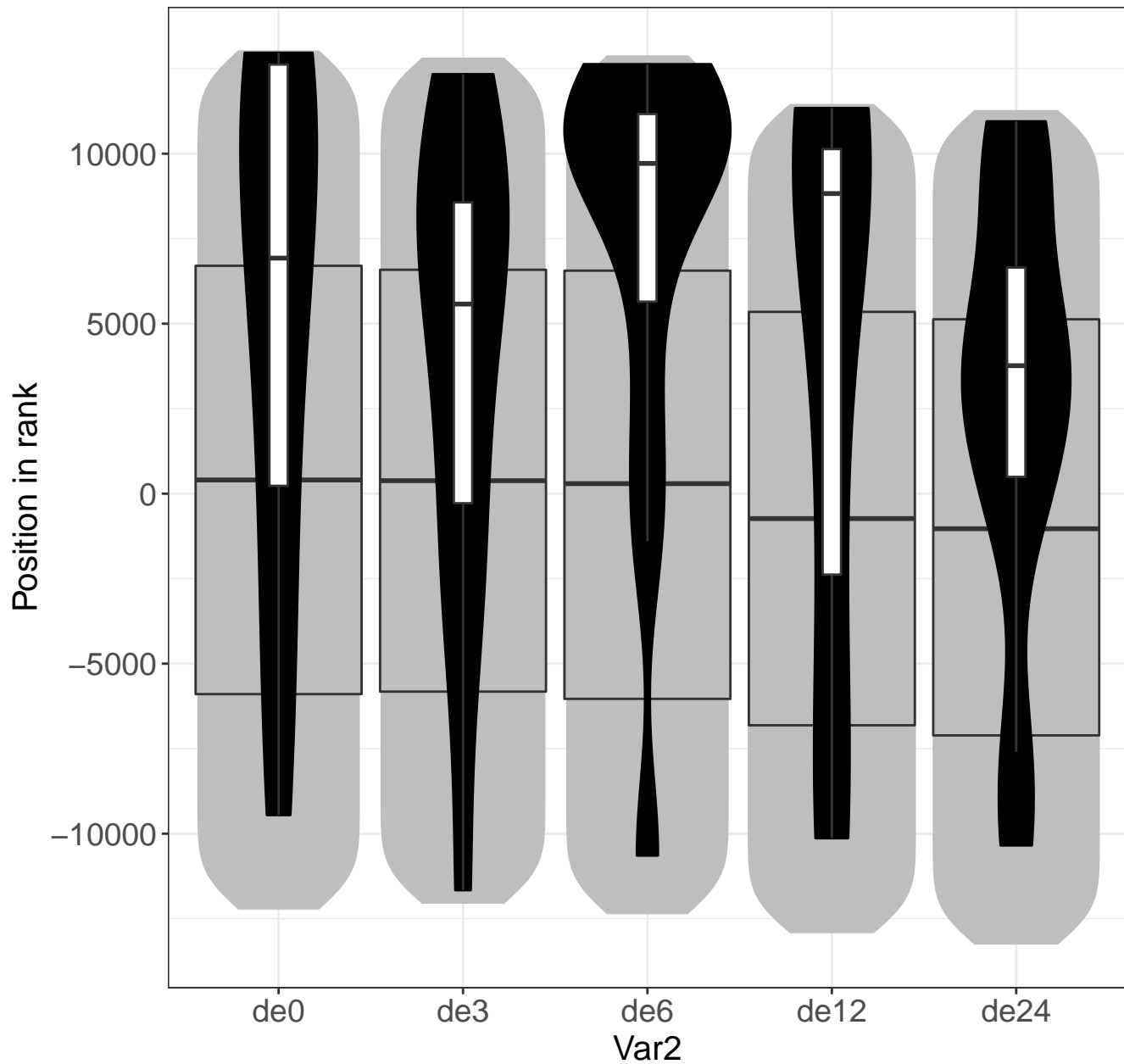
MITOCHONDRIAL_ELECTRON_TRANSPORT/_ATP_SYNTHESIS_CYTOCHR



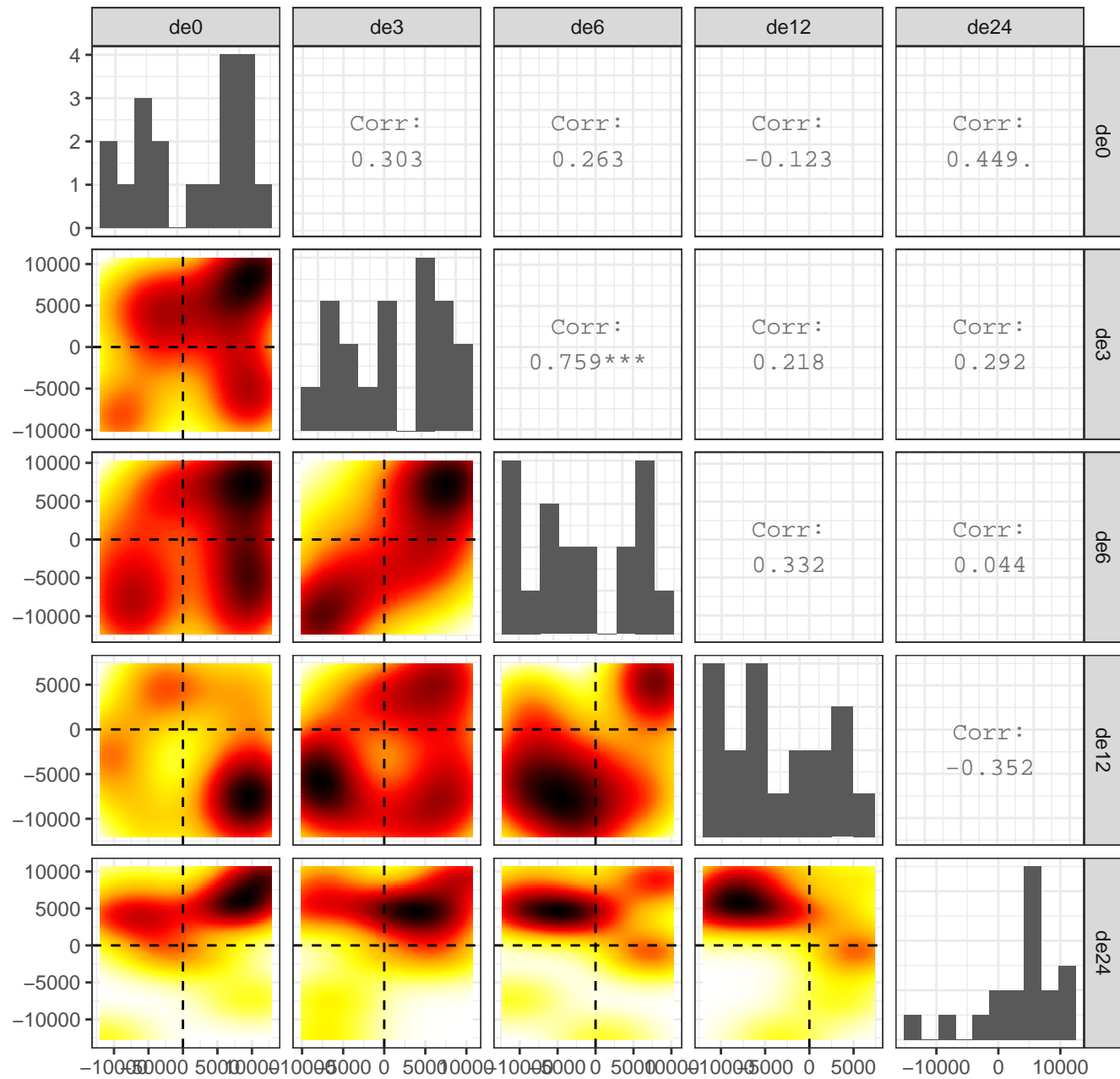
MITOCHONDRIAL_ELECTRON_TRANSPORT_/_ATP_SYNTHESIS_CYTOCHR



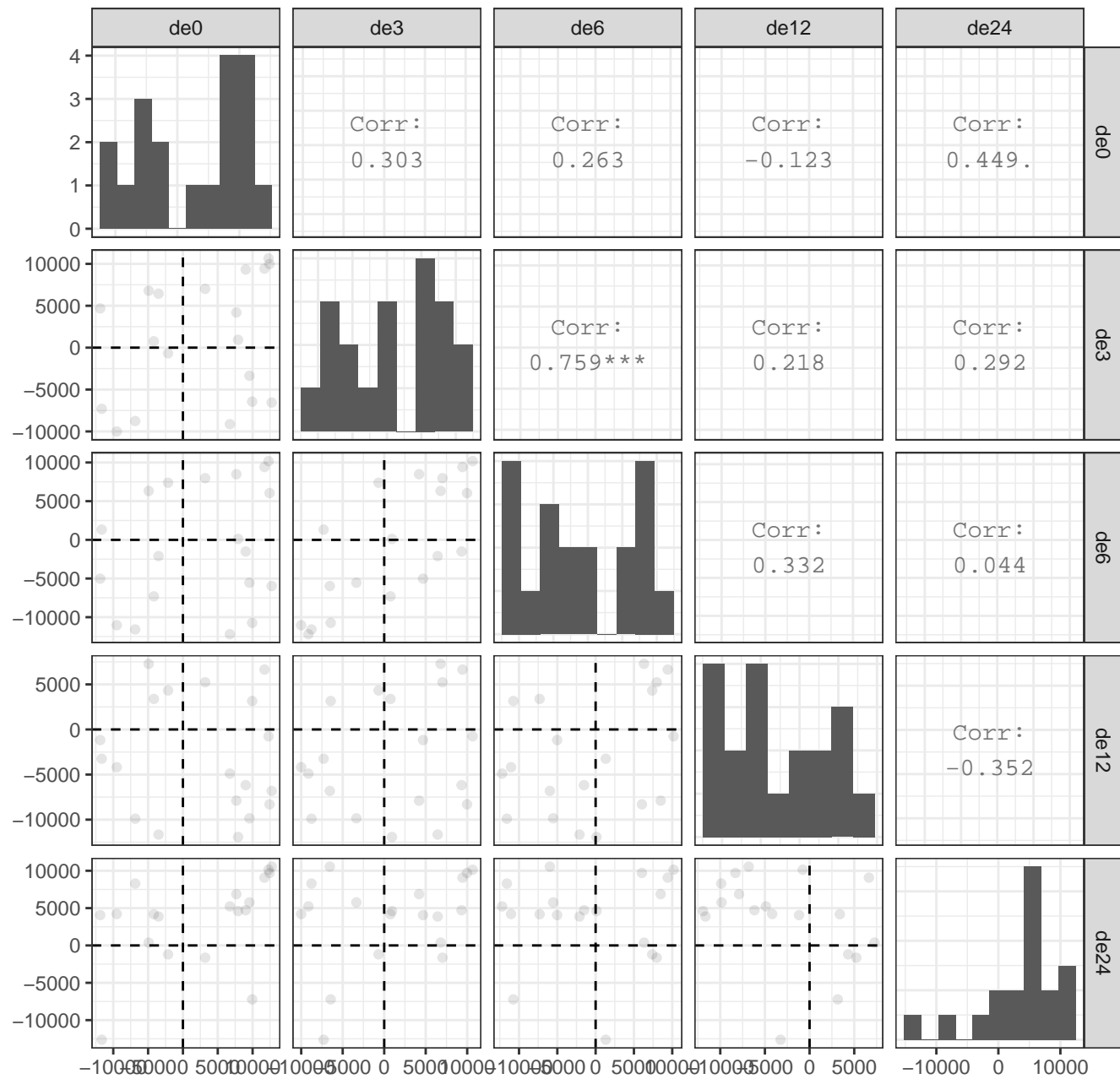
MITOCHONDRIAL_ELECTRON_TRANSPORT



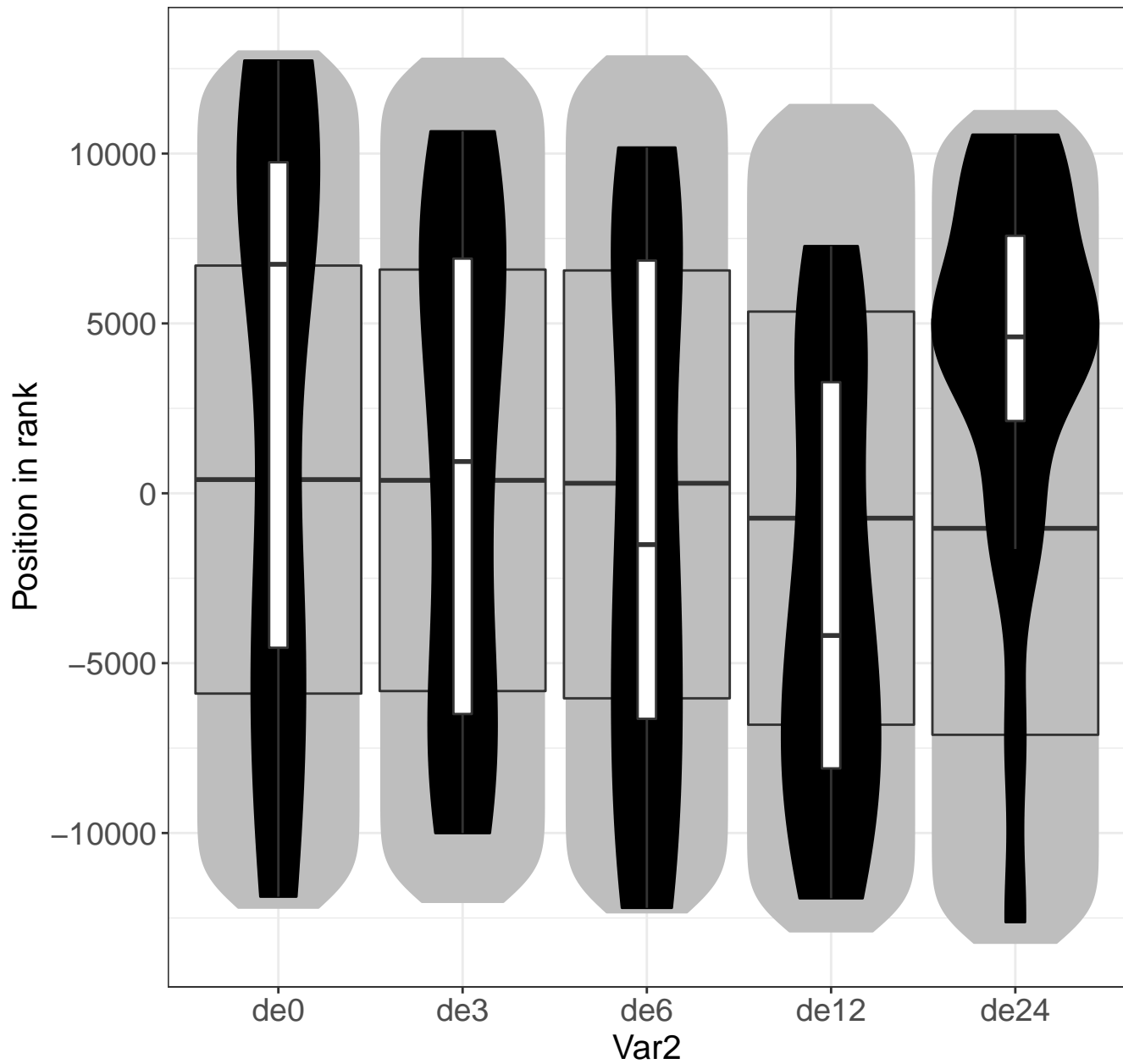
MISC_MISC2



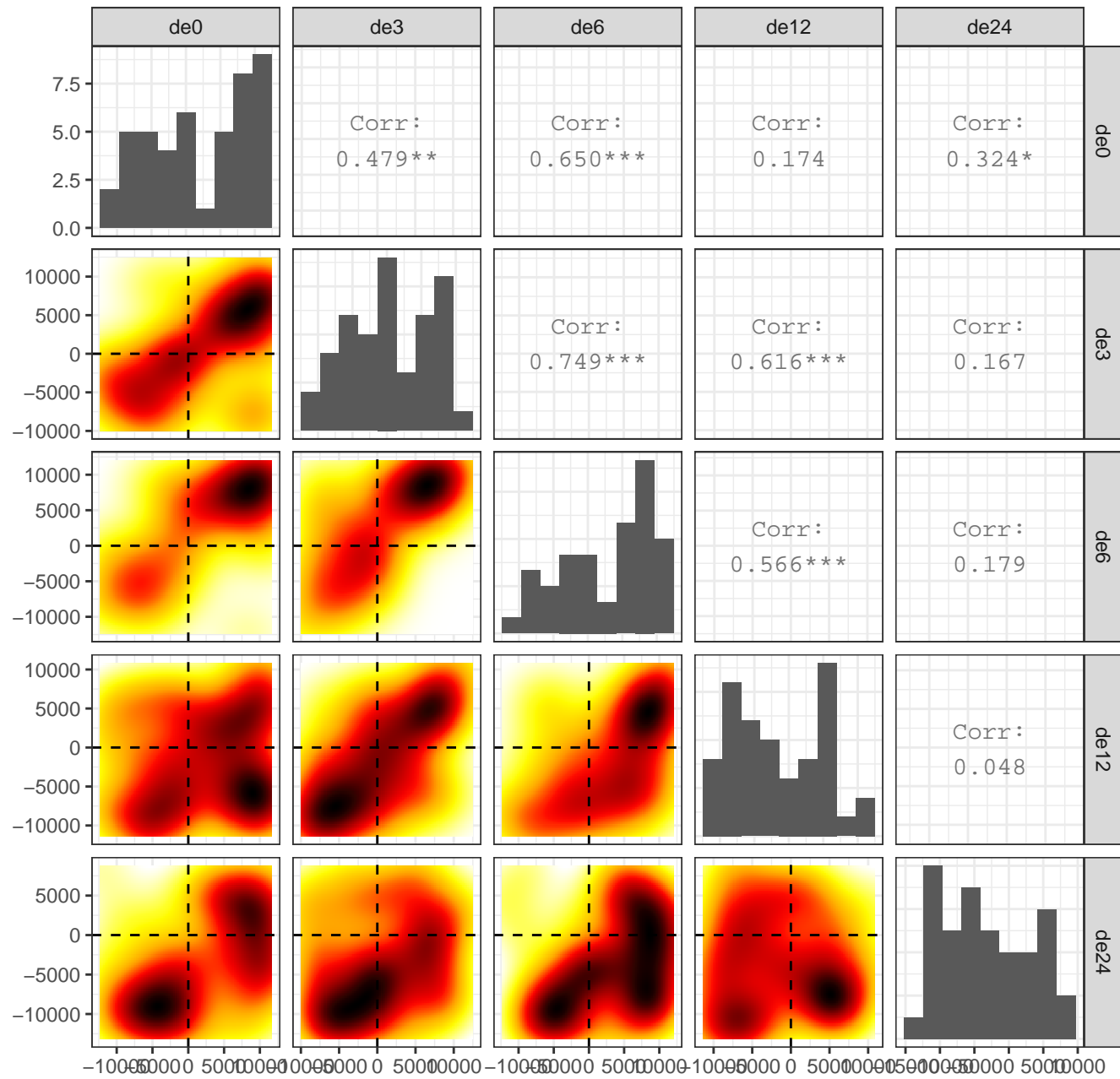
MISC_MISC2



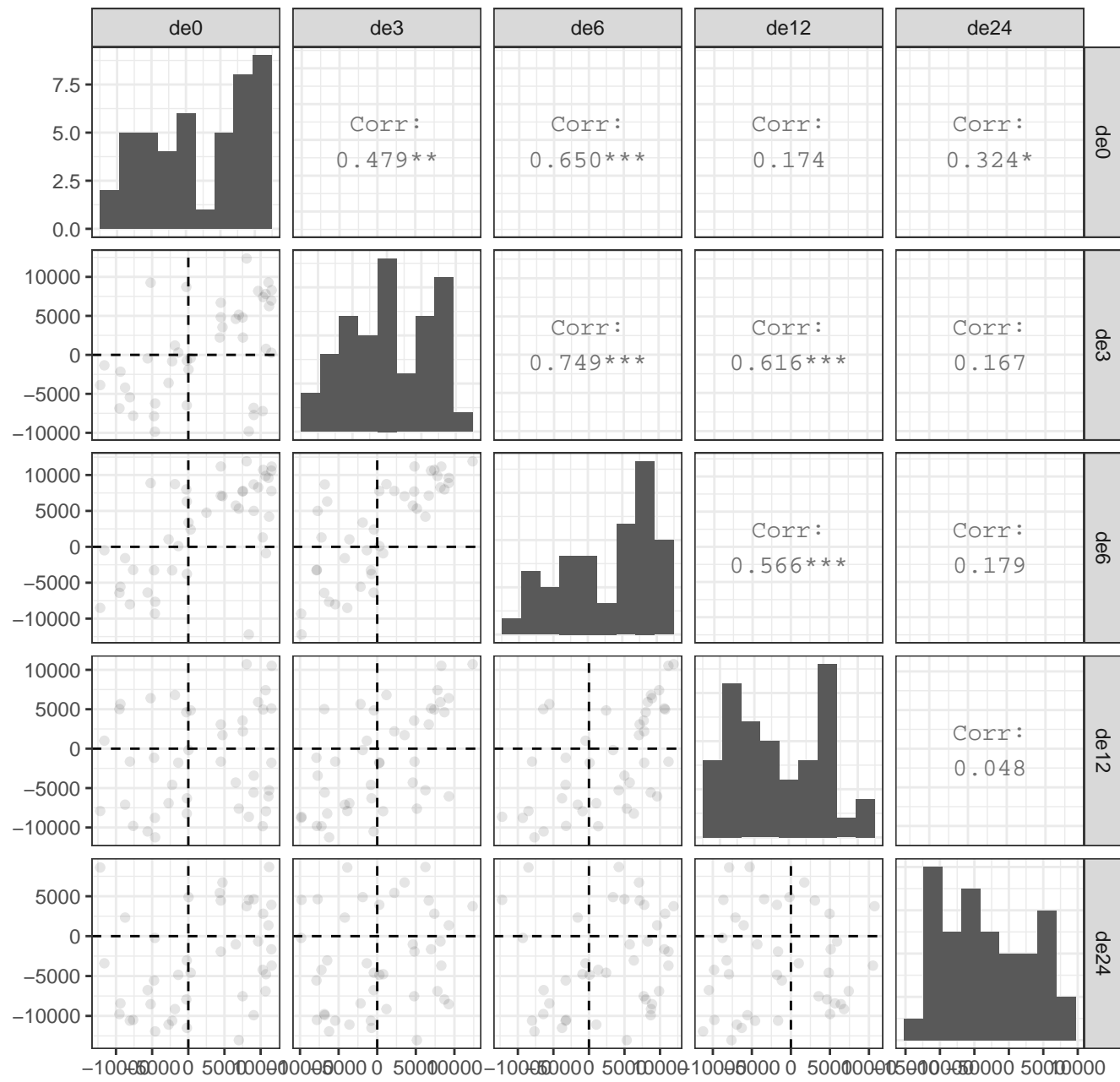
MISC_MISC2



DNA_UNSPECIFIED



DNA_UNSPECIFIED



DNA_UNSPECIFIED

