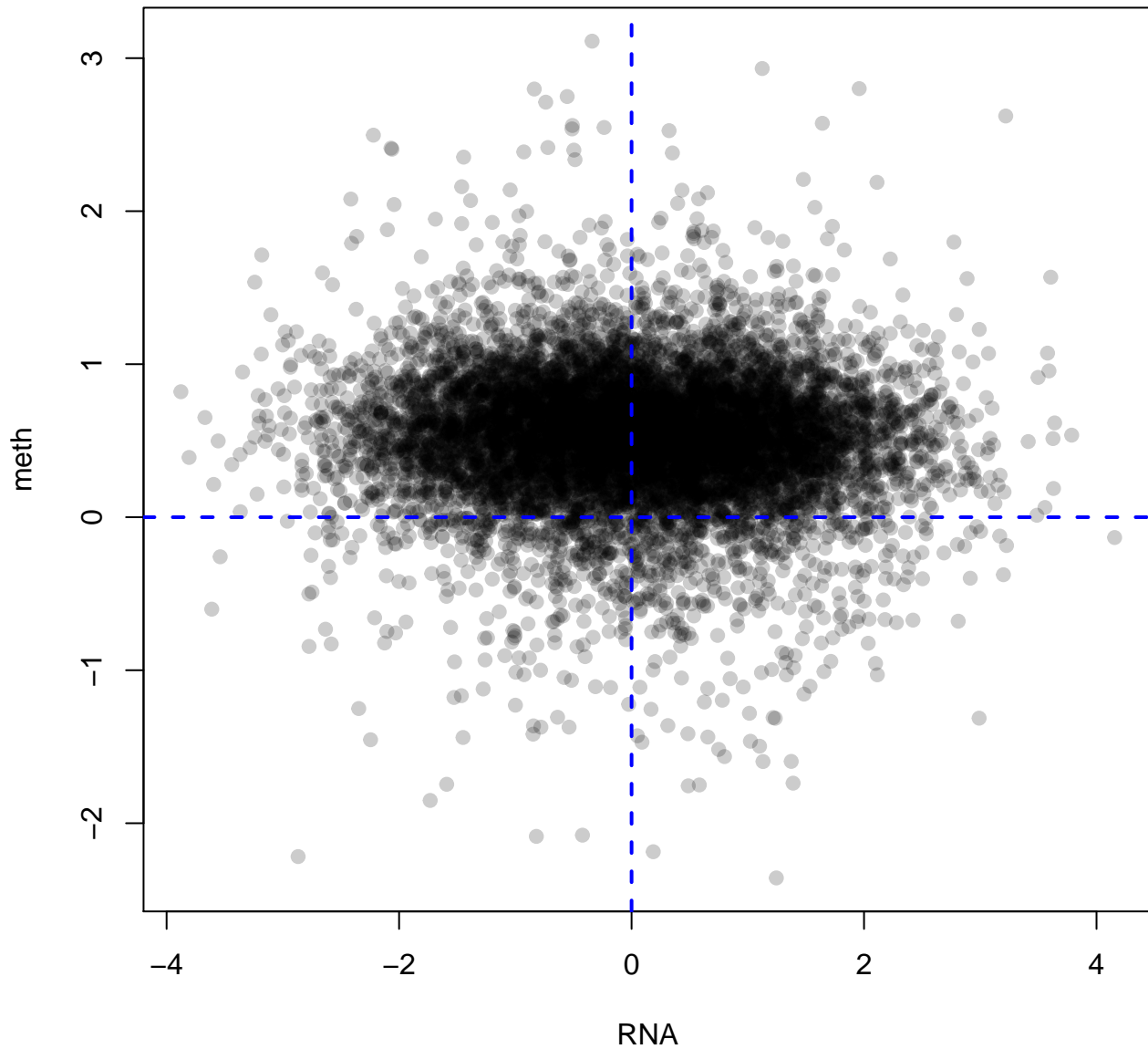
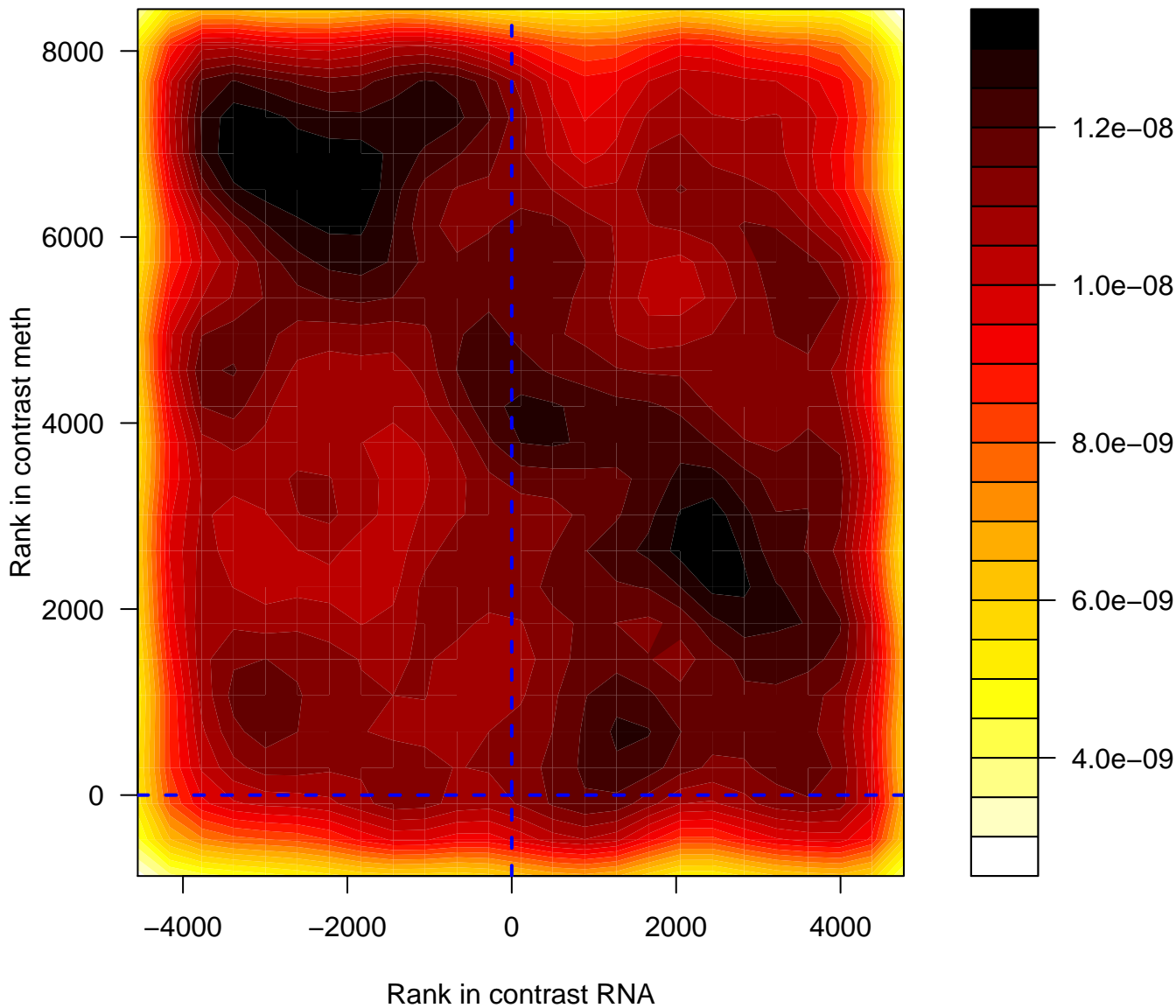


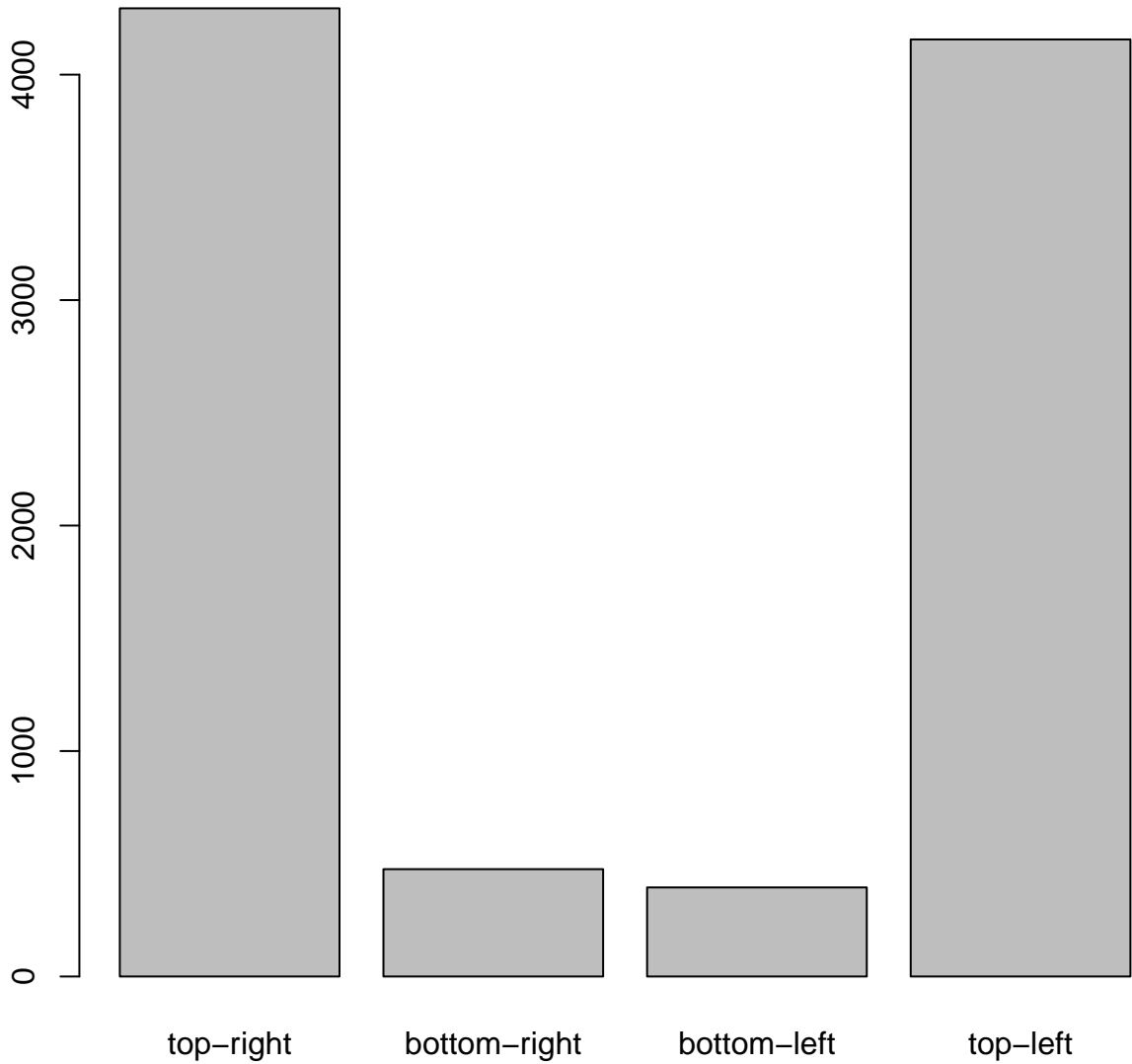
Scatterplot of all genes



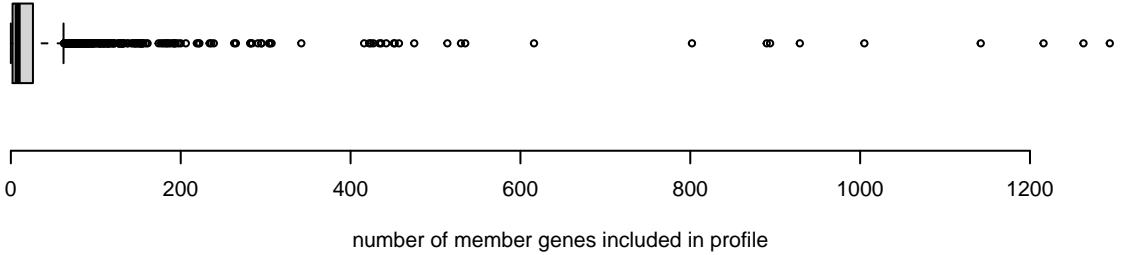
# Rank-rank plot of all genes



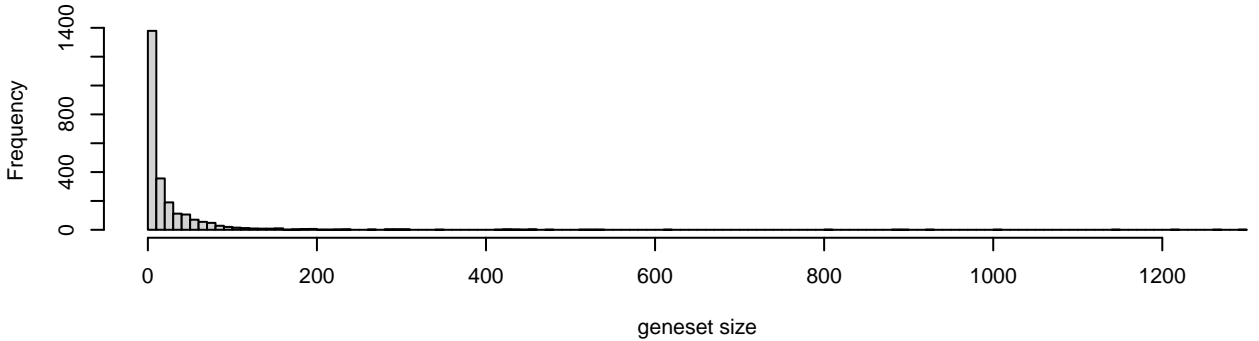
## number of genes in each quadrant



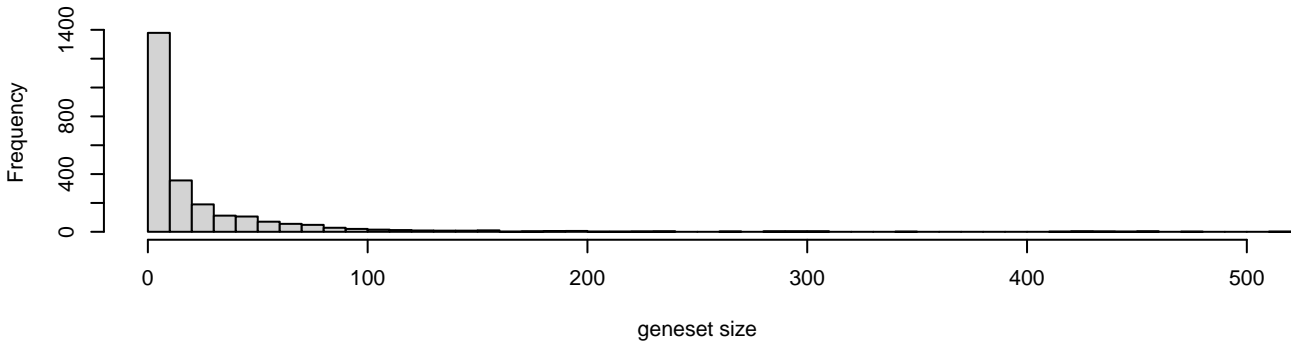
## Gene set size



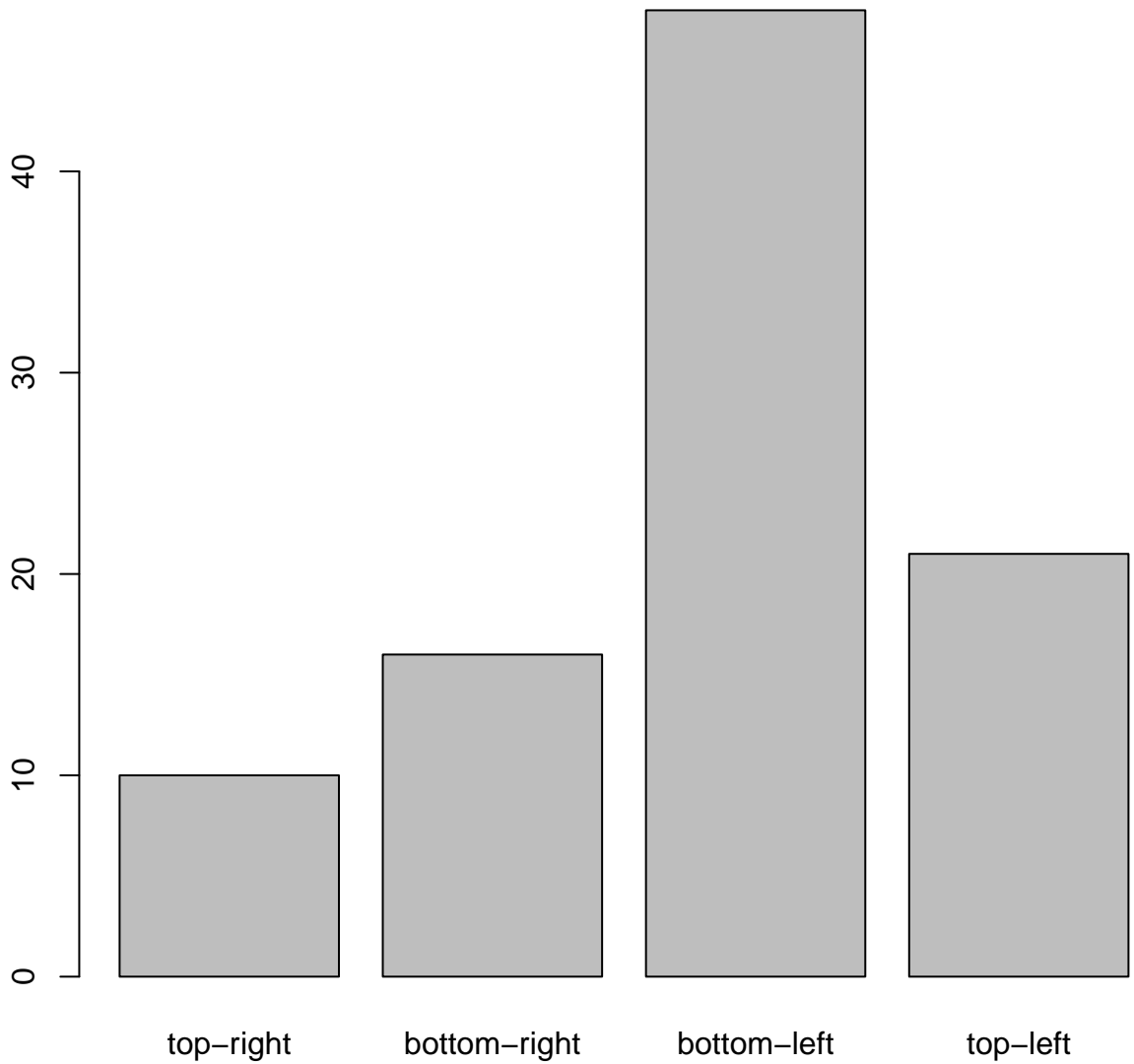
## Histogram of geneset size



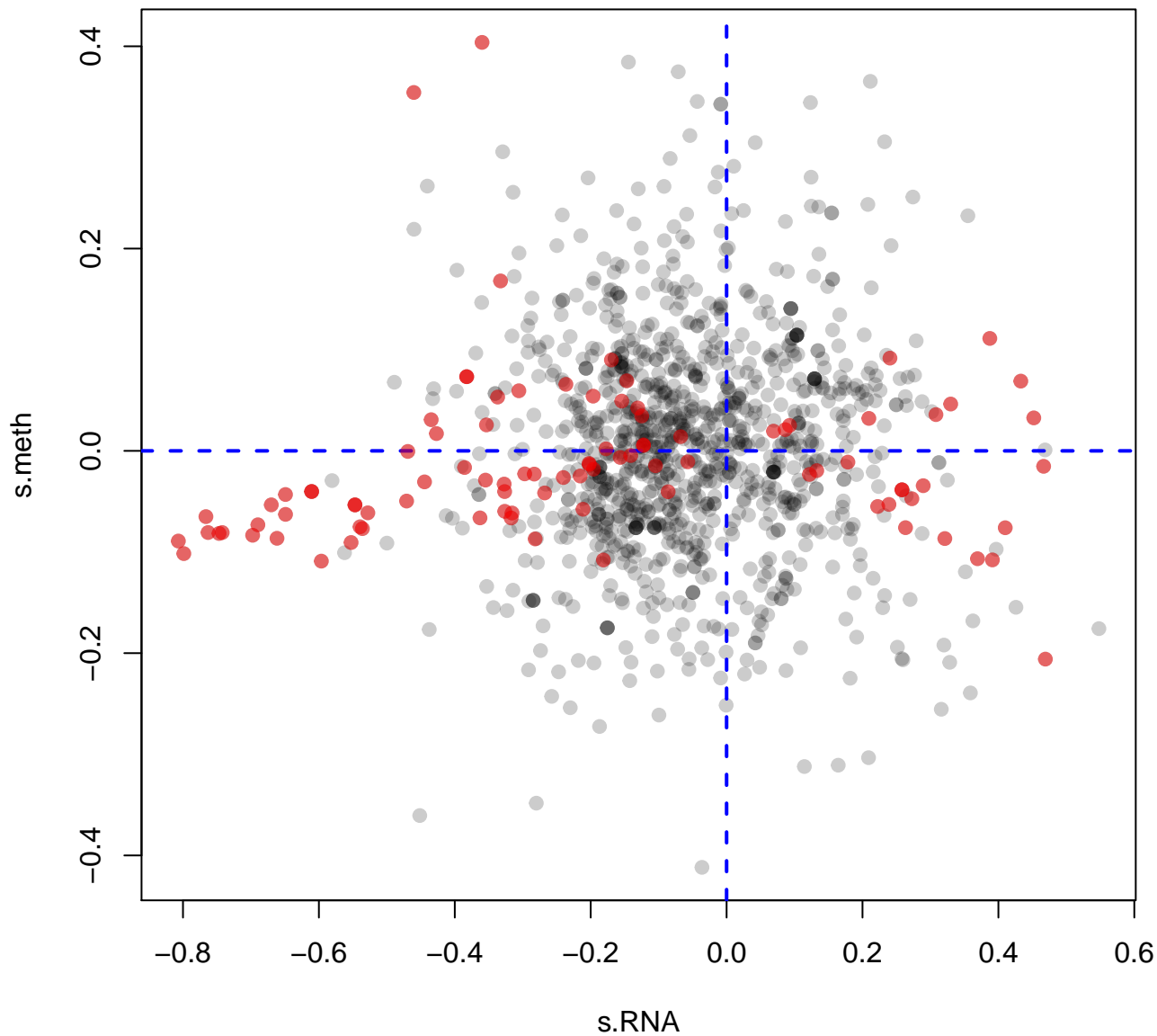
## Trimmed histogram of geneset size



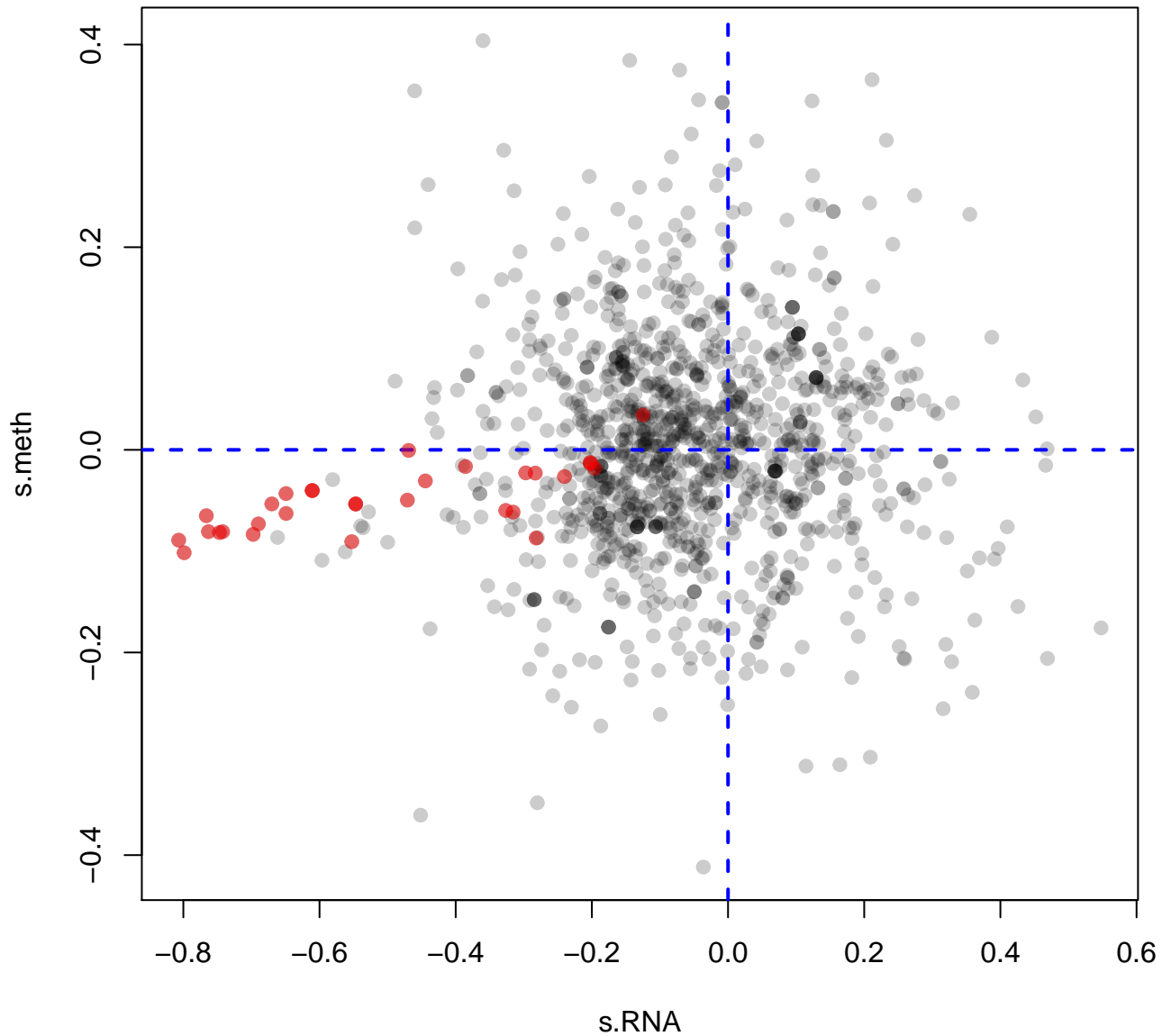
# number of genesets FDR<0.05



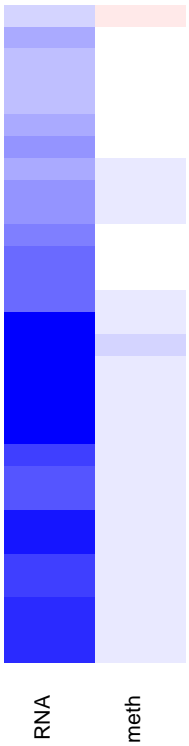
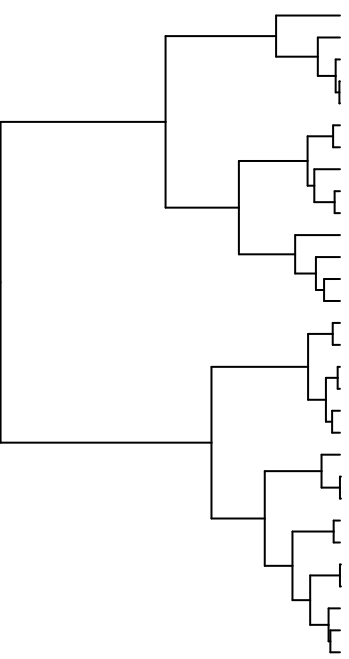
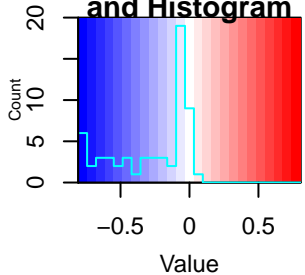
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 30 in red



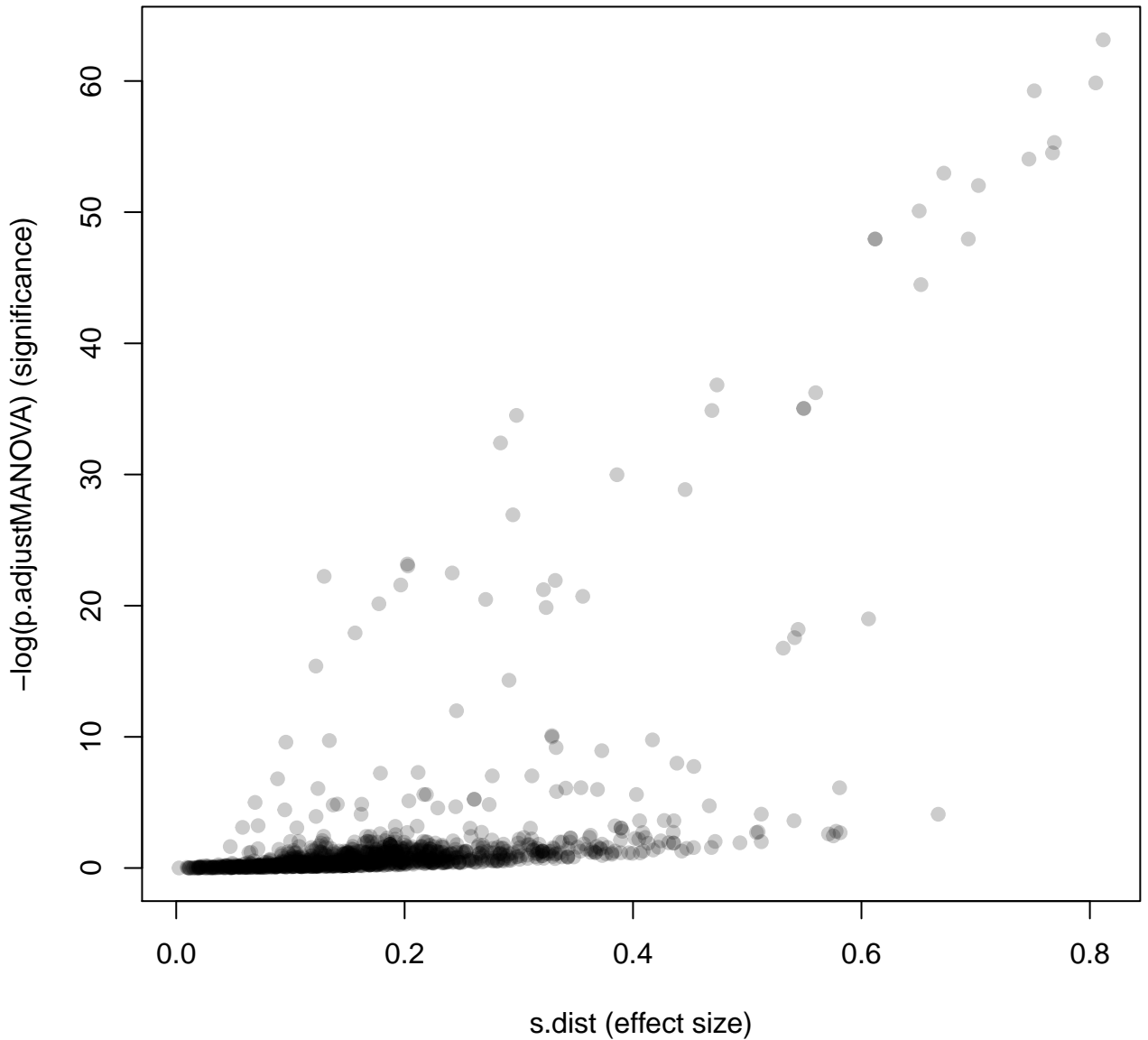
# Color Key and Histogram



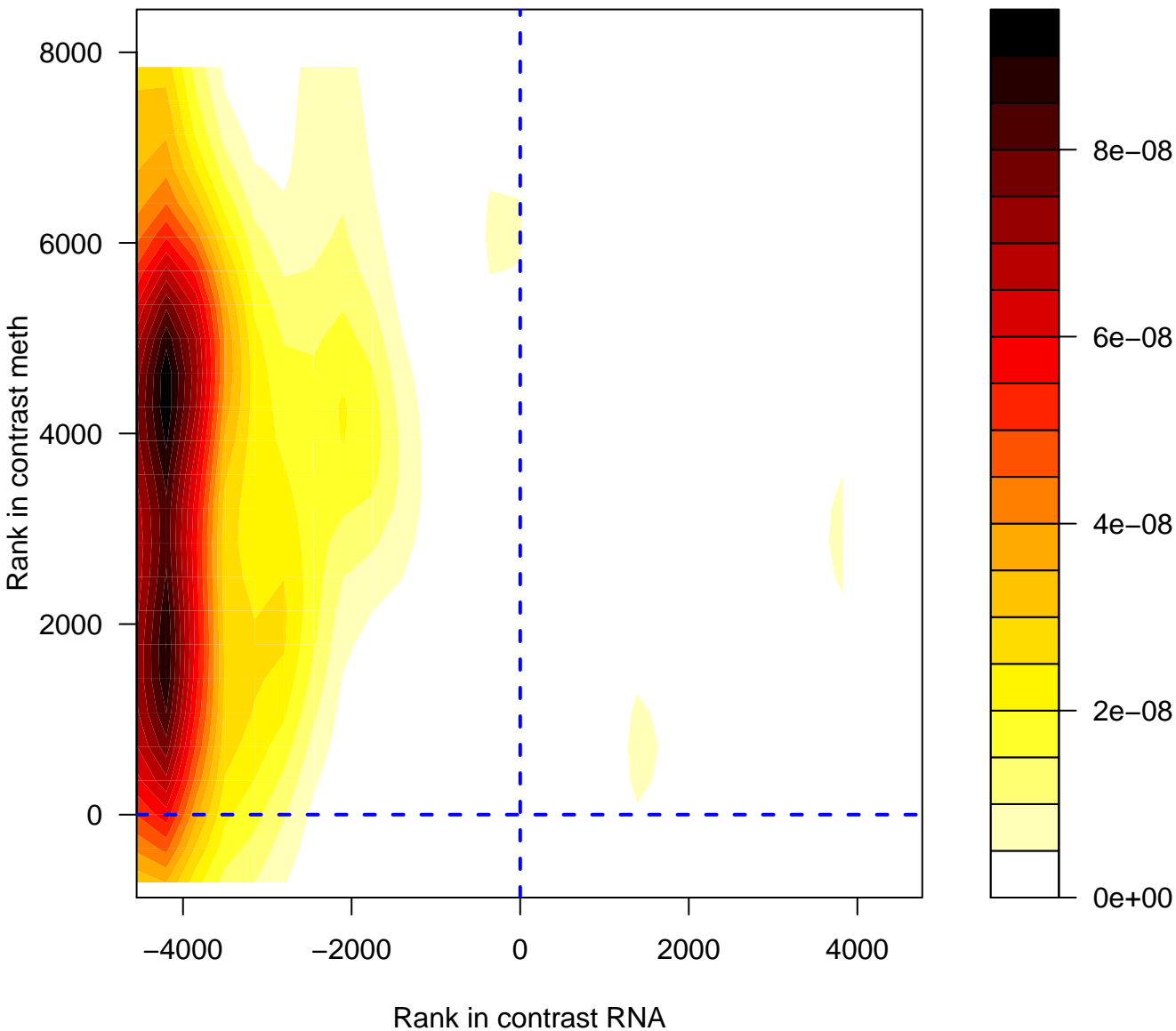
- Metabolism
- Neutrophil degranulation
- Developmental Biology
- Cellular responses to stress
- Cellular responses to external stimuli
- Nervous system development
- Axon guidance
- Translation
- rRNA processing
- rRNA processing in the nucleus and cytosol
- Signaling by ROBO receptors
- Cellular response to starvation
- Influenza Viral RNA Transcription and Replication
- Regulation of expression of SLITs and ROBOs
- Eukaryotic Translation Elongation
- Peptide chain elongation
- Eukaryotic Translation Termination
- Formation of a pool of free 40S subunits
- Selenocysteine synthesis
- Viral mRNA Translation
- SRP-dependent cotranslational protein targeting to membrane
- Nonsense-Mediated Decay (NMD)
- Nonsense Mediated Decay (NMD) enhanced by the Exon Junction Complex (EJC)
- Nonsense Mediated Decay (NMD) independent of the Exon Junction Complex (EJC)
- Selenoamino acid metabolism
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- Cap-dependent Translation Initiation
- L13a-mediated translational silencing of Ceruloplasmin expression
- GTP hydrolysis and joining of the 60S ribosomal subunit
- Response of EIF2AK4 (GCN2) to amino acid deficiency



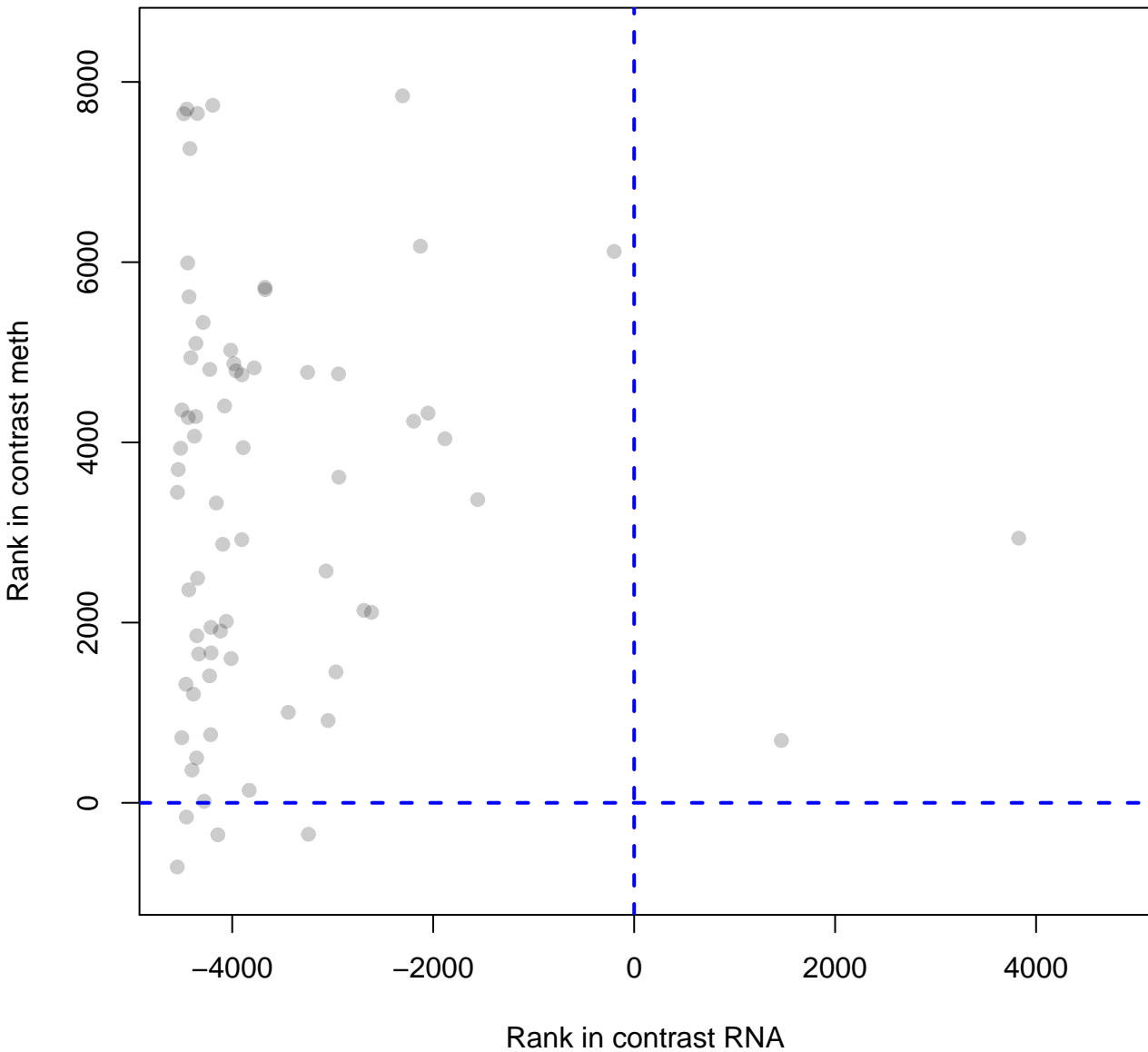
# effect size versus statistical significance



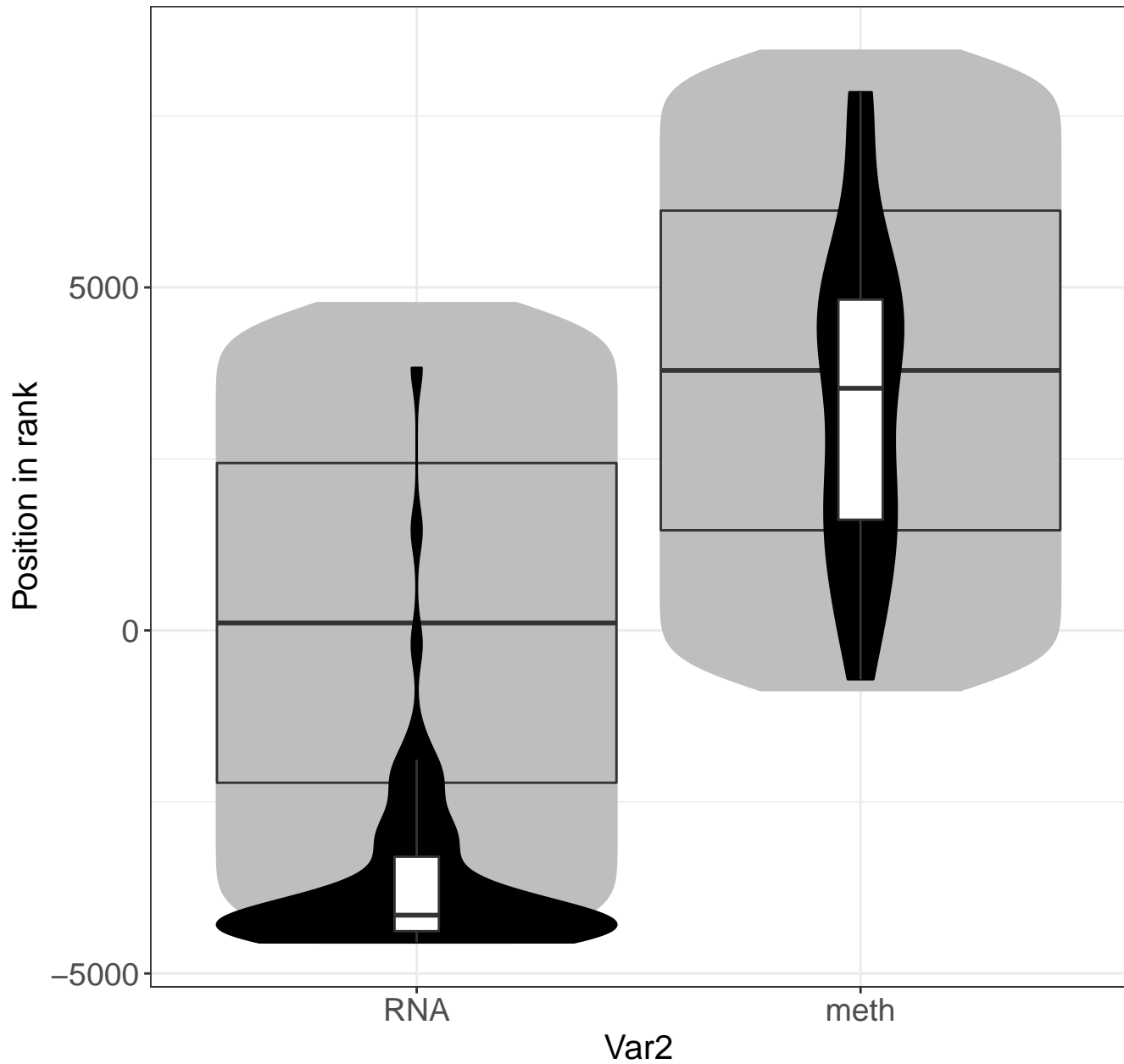
# Eukaryotic Translation Elongation



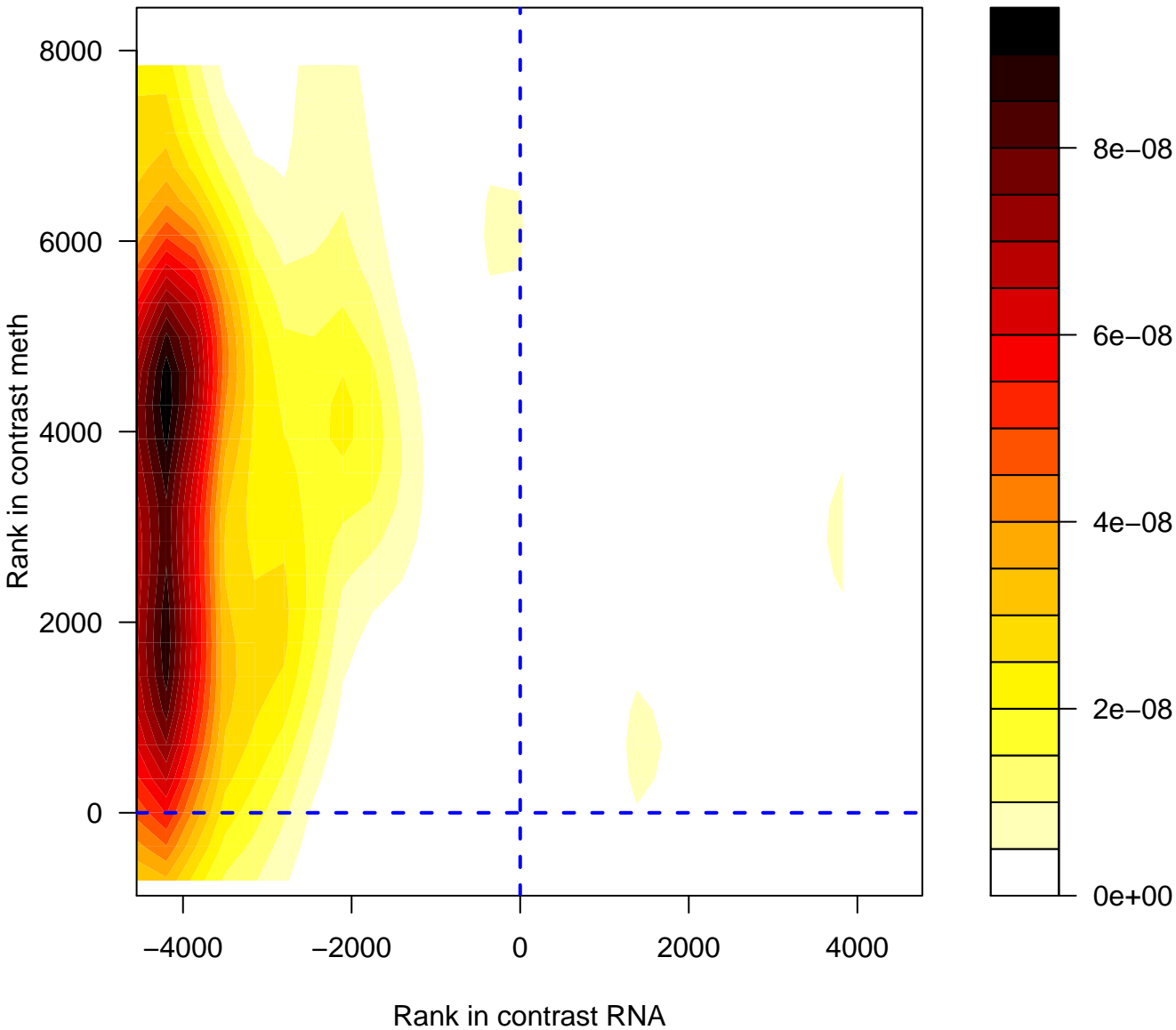
# Eukaryotic Translation Elongation



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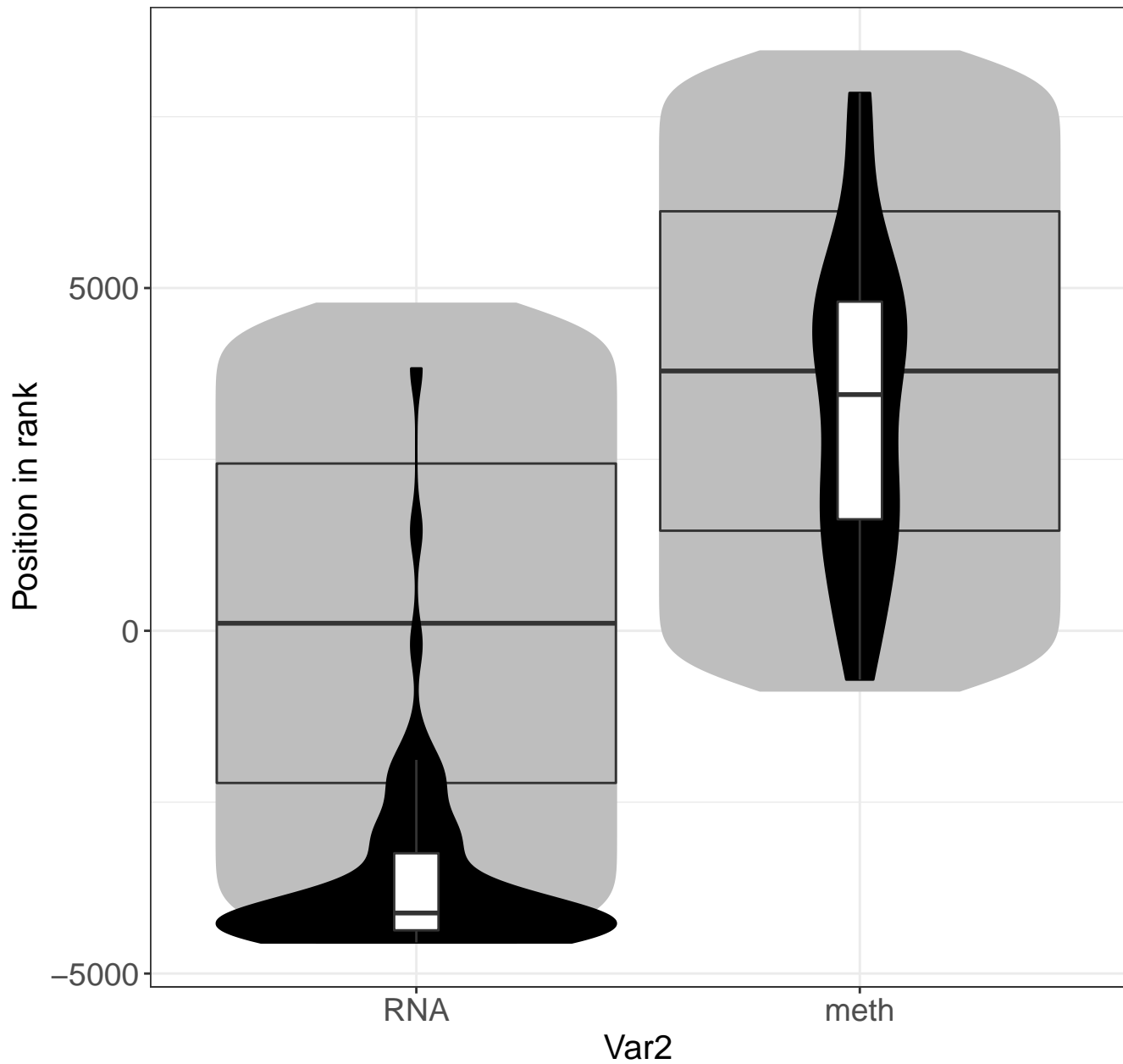


# Peptide chain elongation

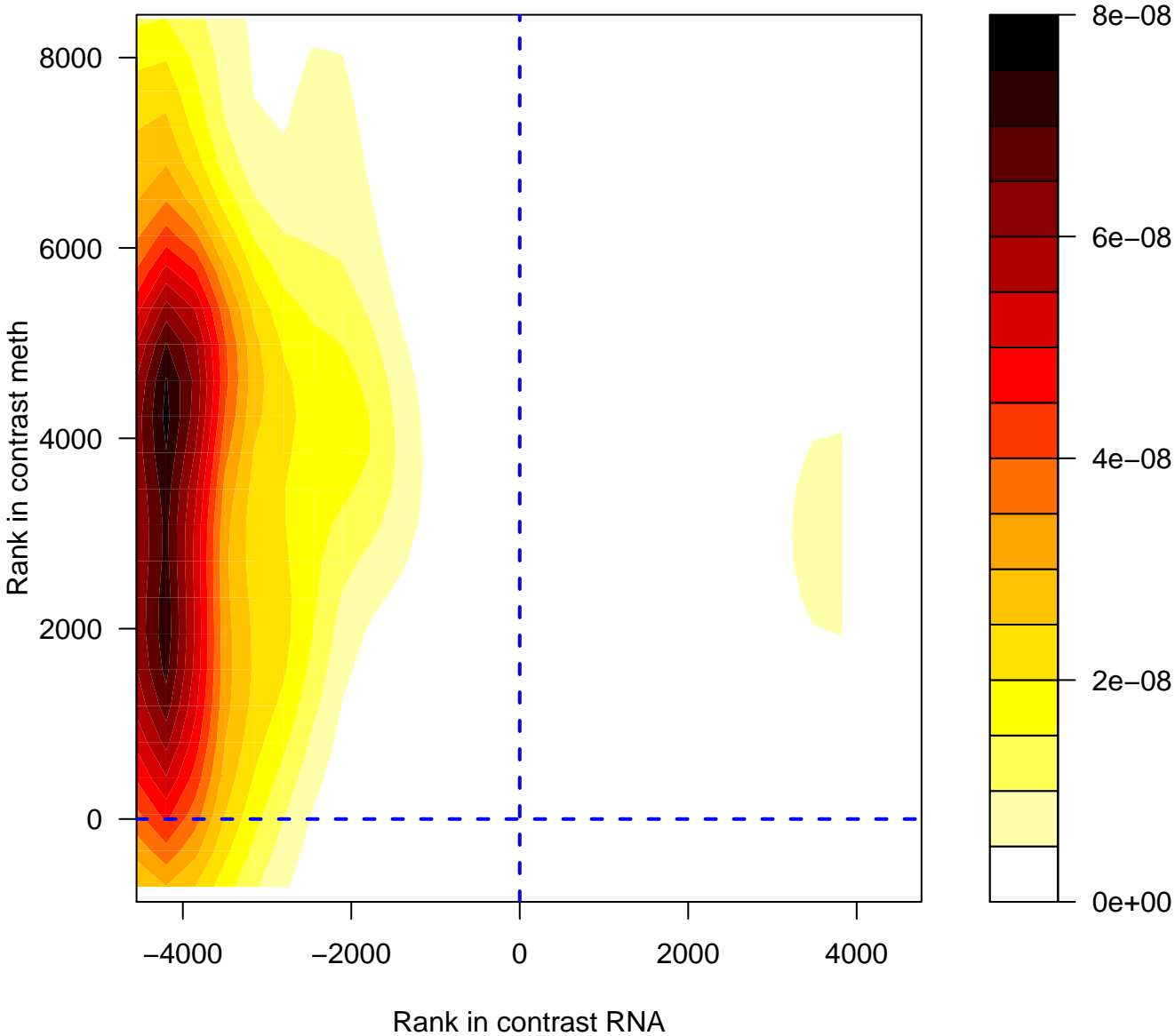




# Peptide chain elongation

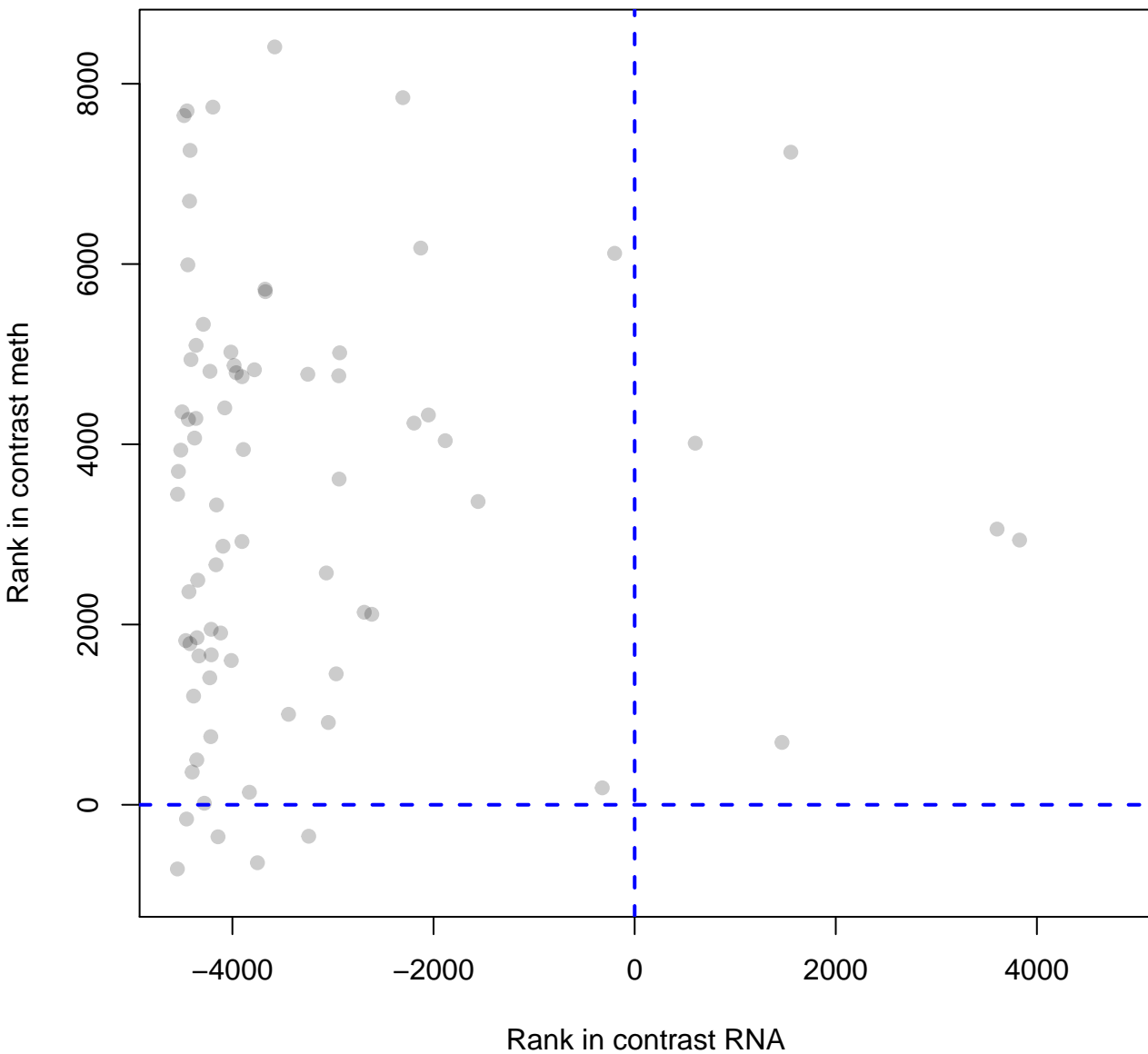


# Formation of a pool of free 40S subunits

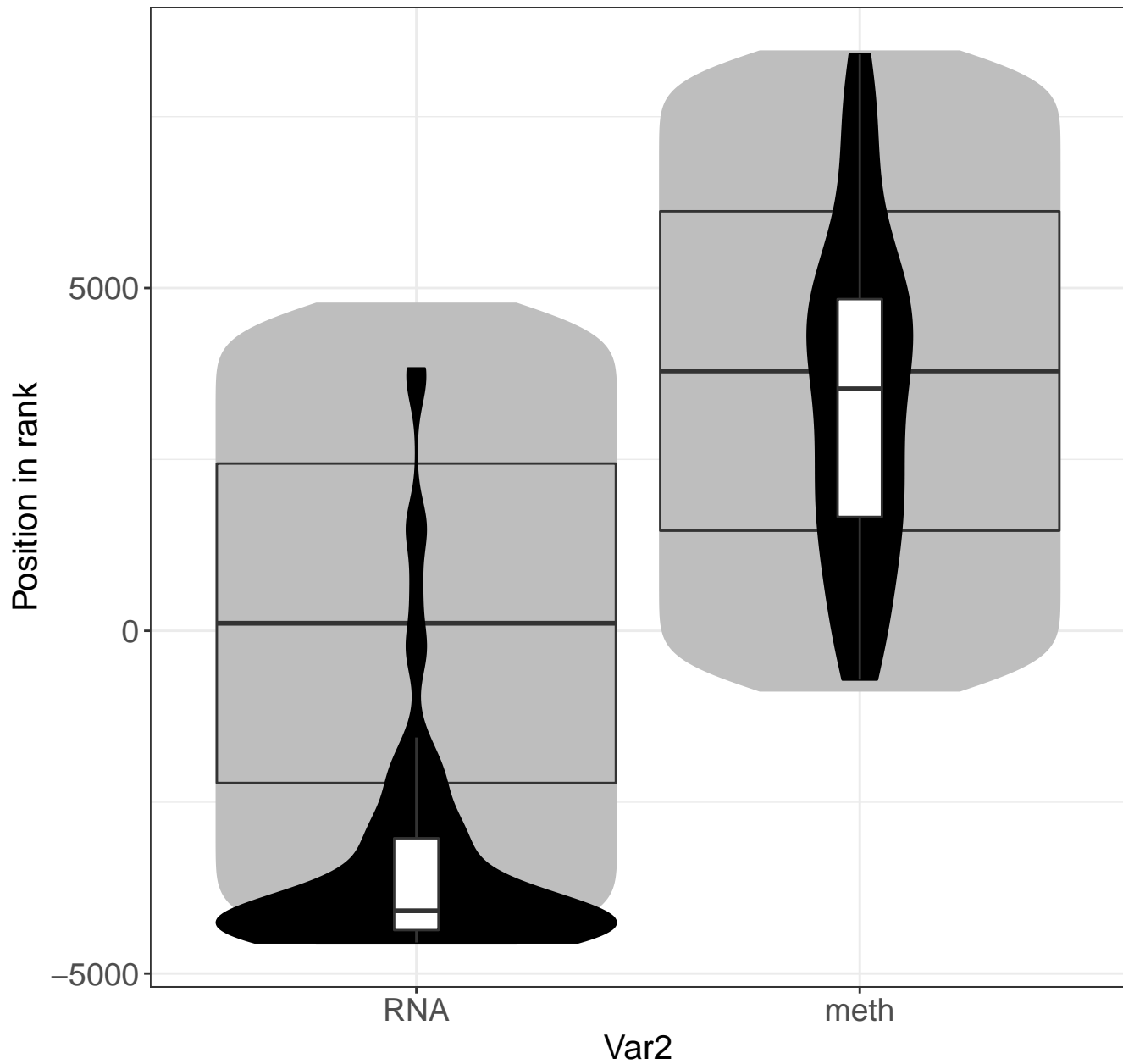




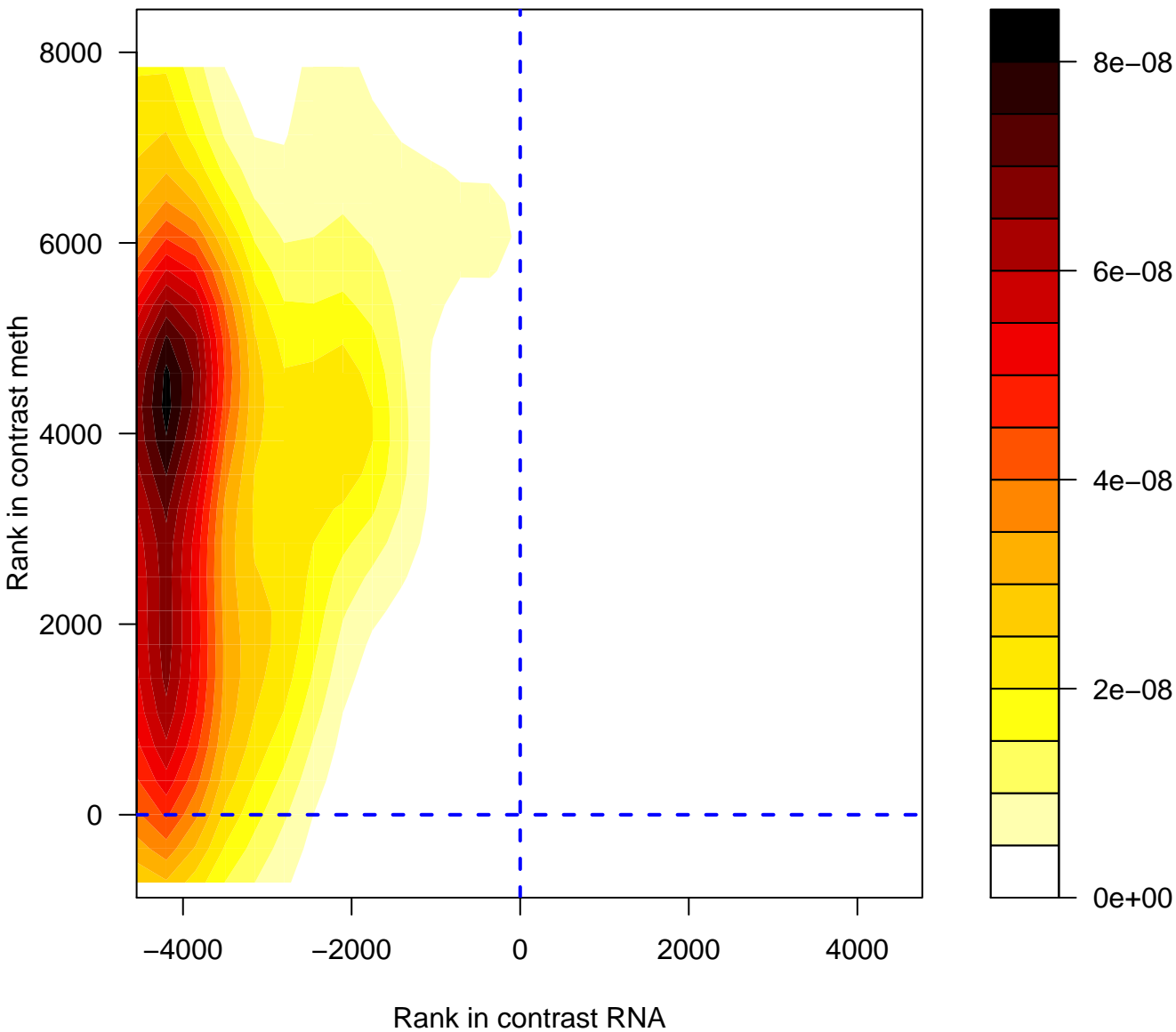
# Formation of a pool of free 40S subunits



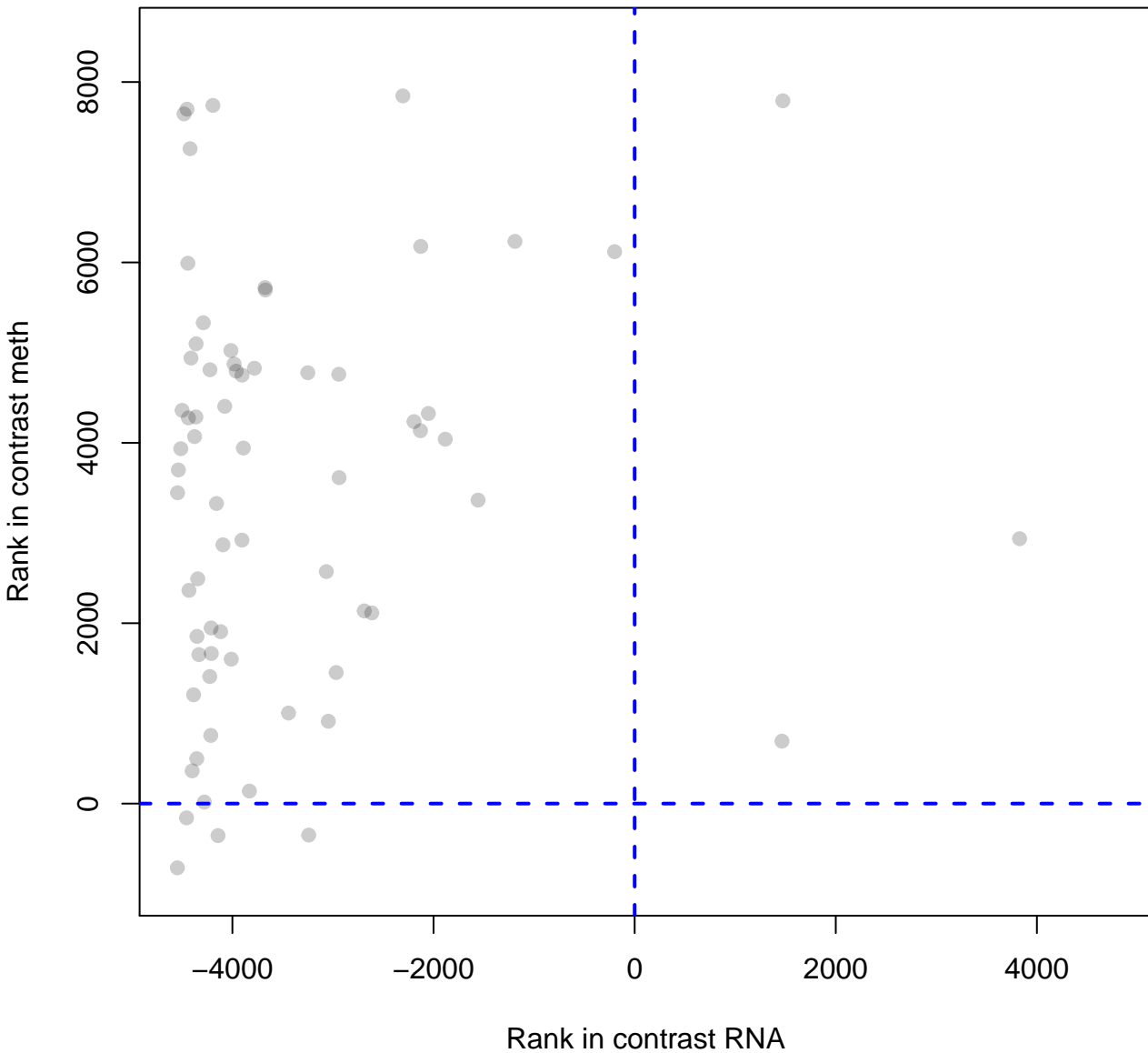
# Formation of a pool of free 40S subunits



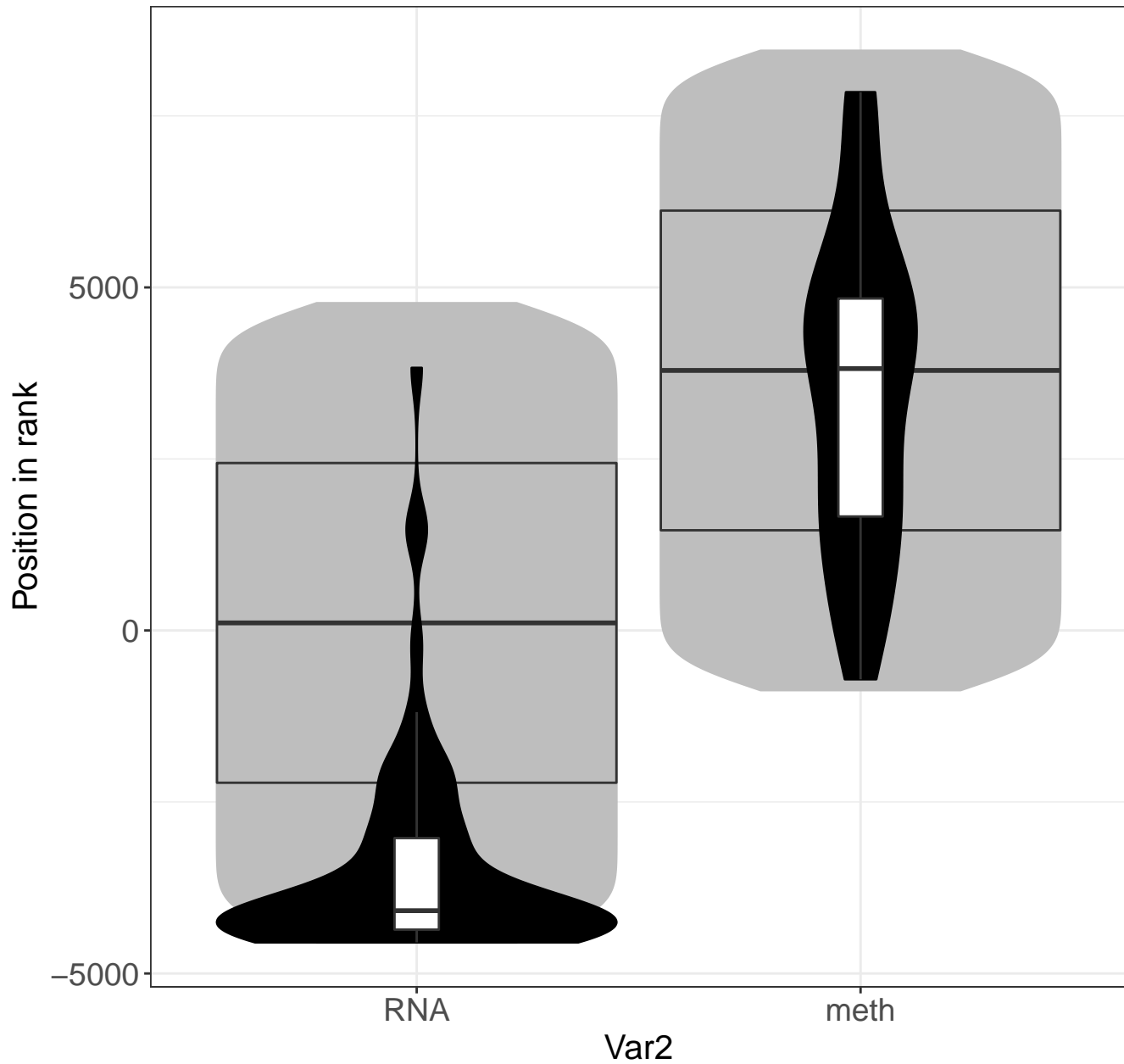
# Selenocysteine synthesis



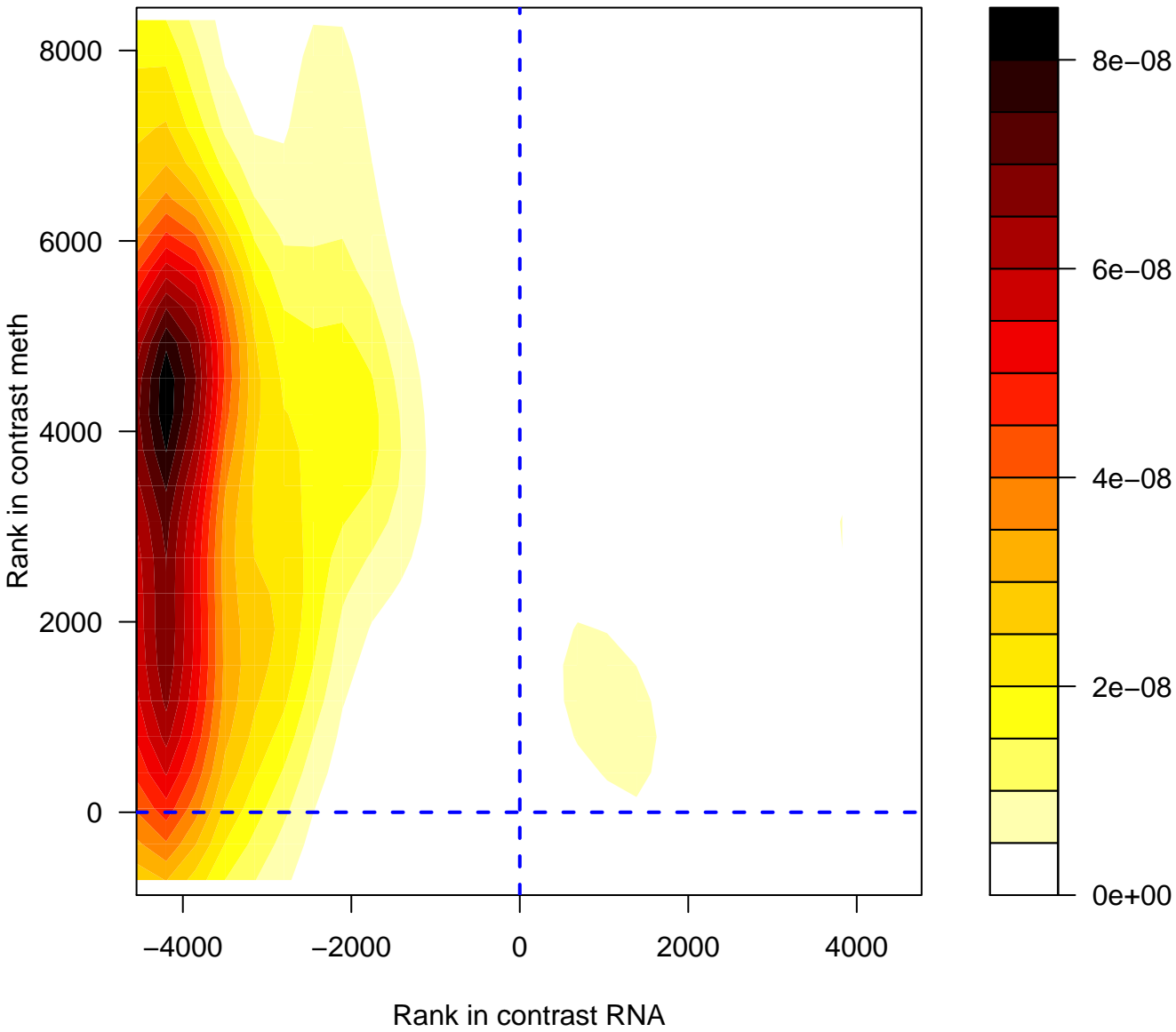
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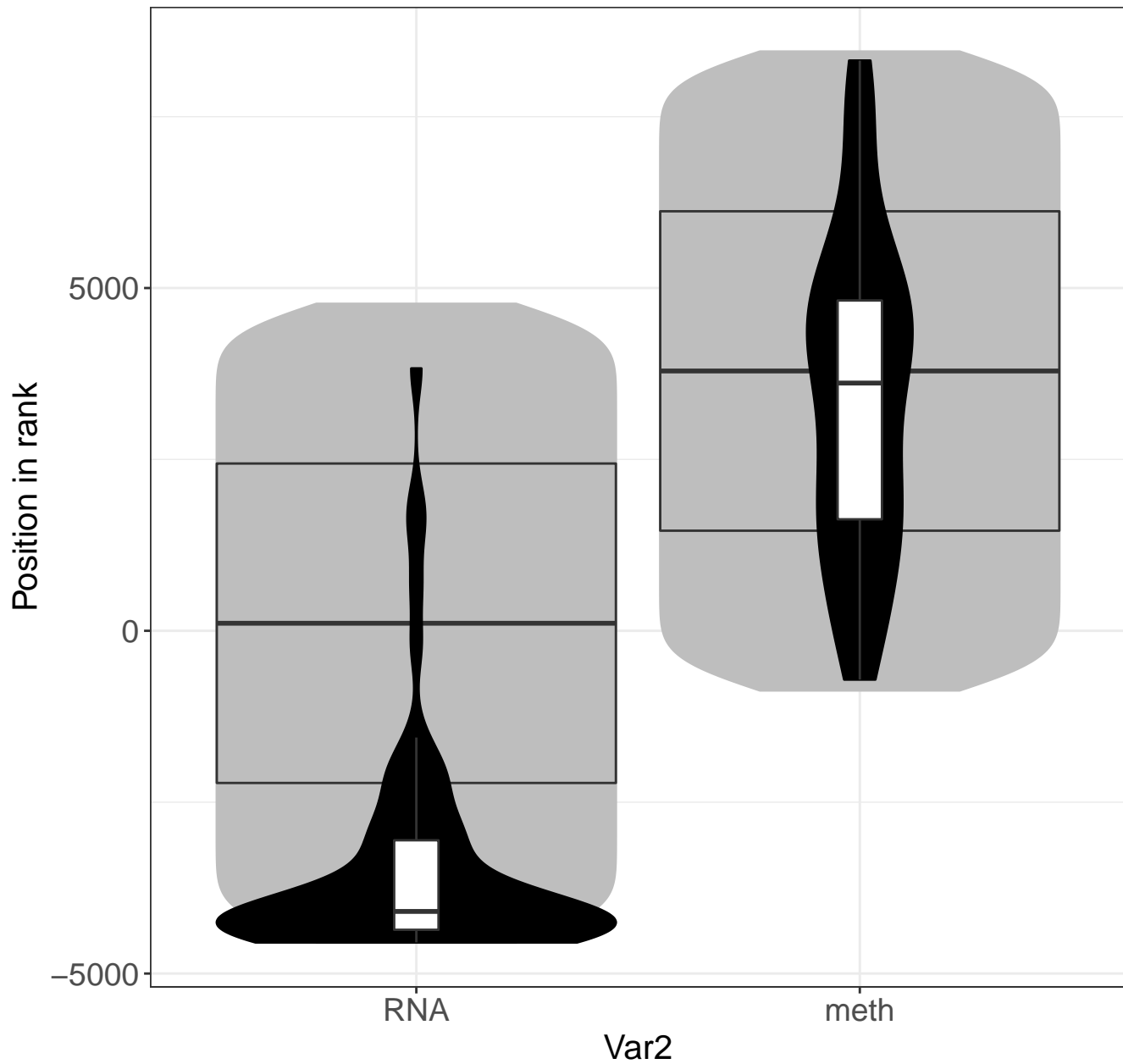


# Viral mRNA Translation



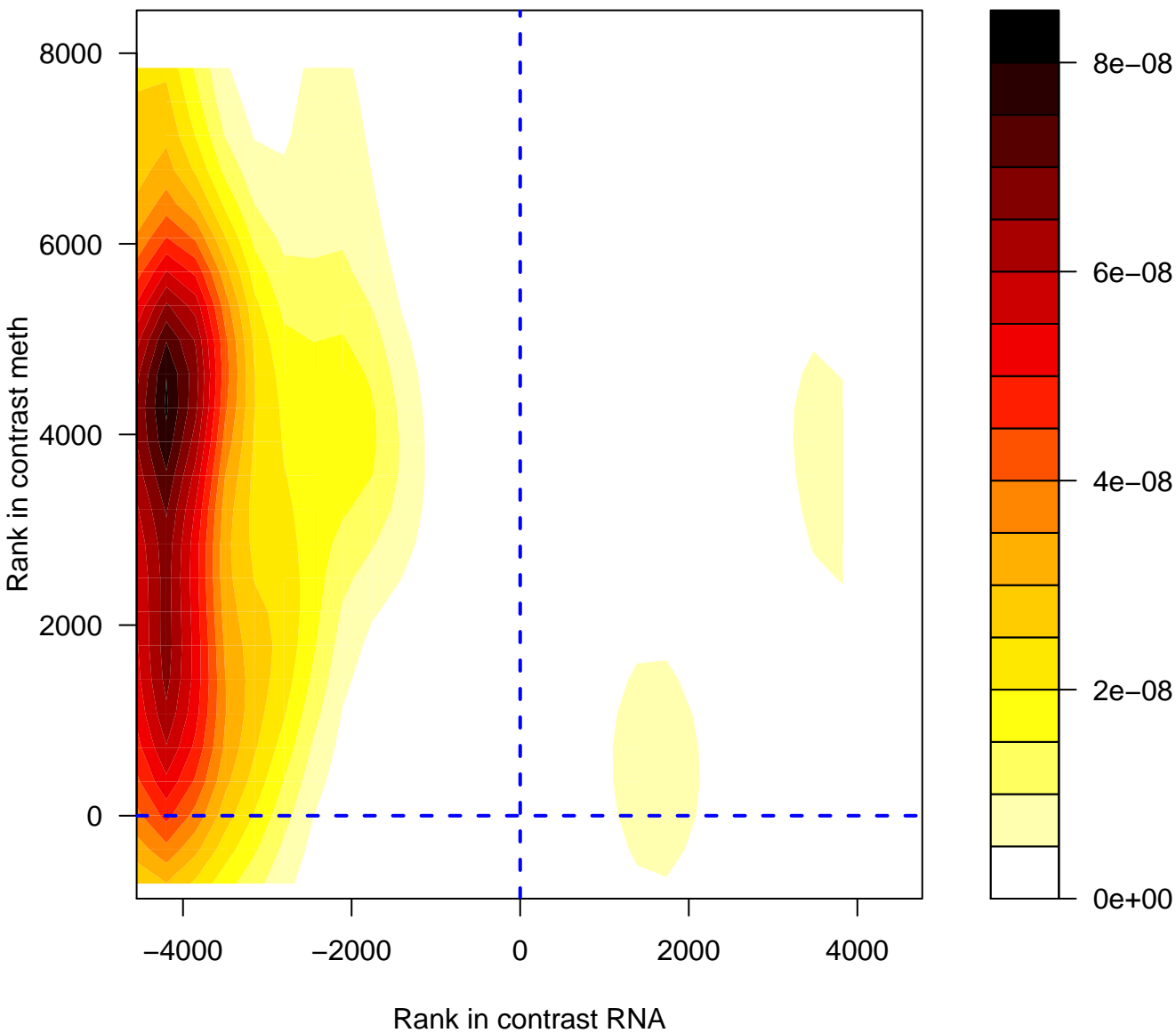


# Viral mRNA Translation

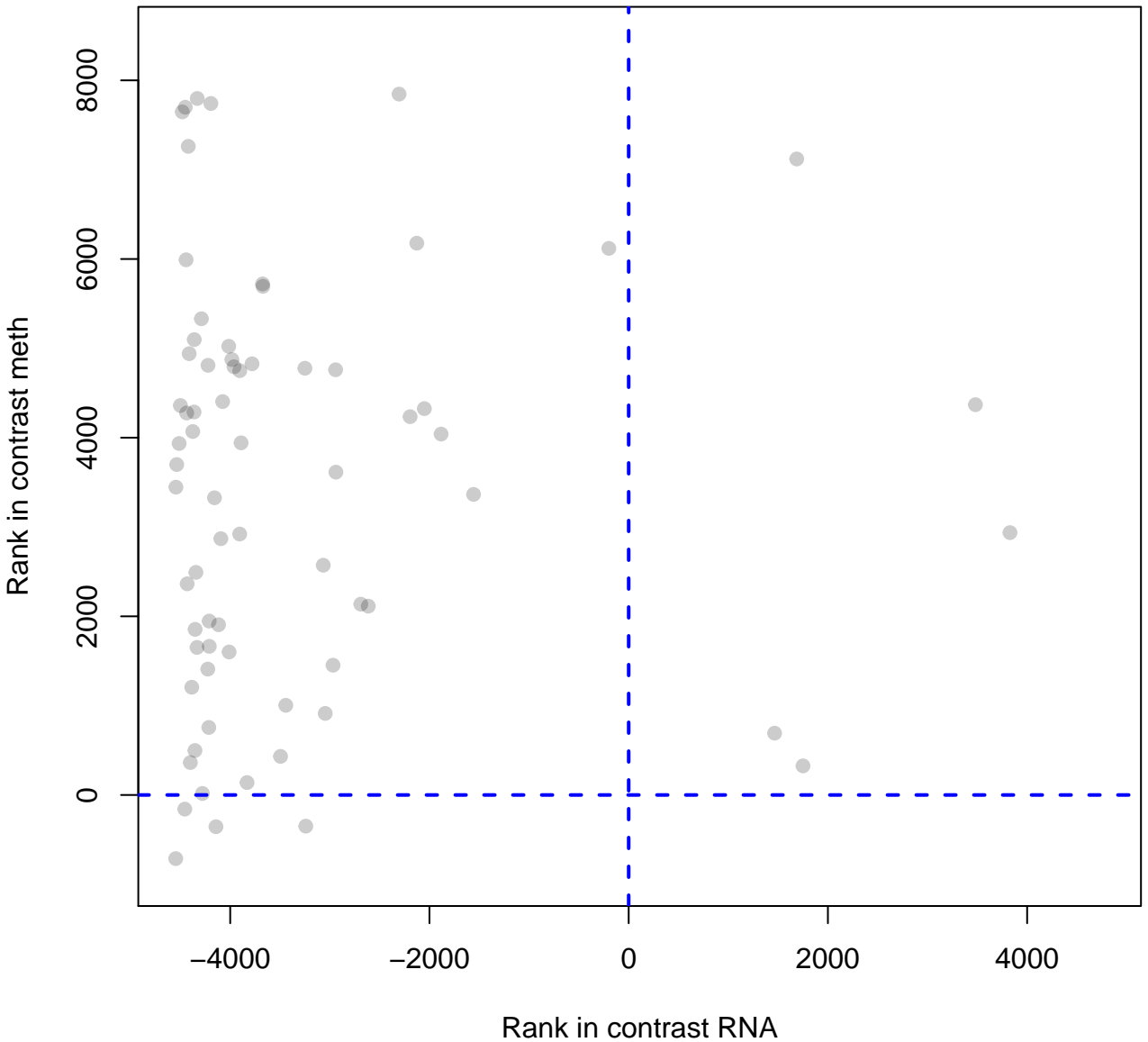




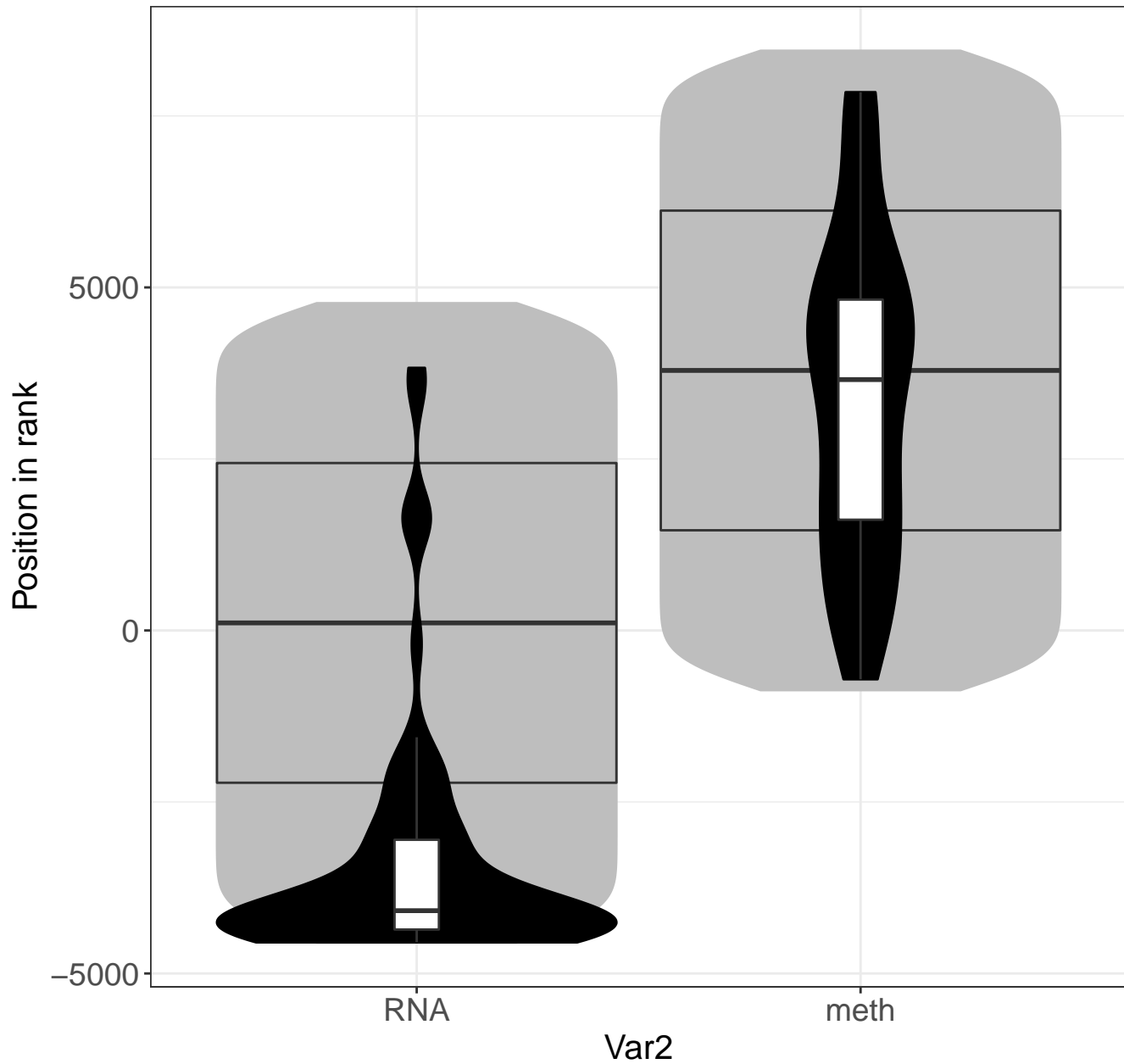
# Eukaryotic Translation Termination



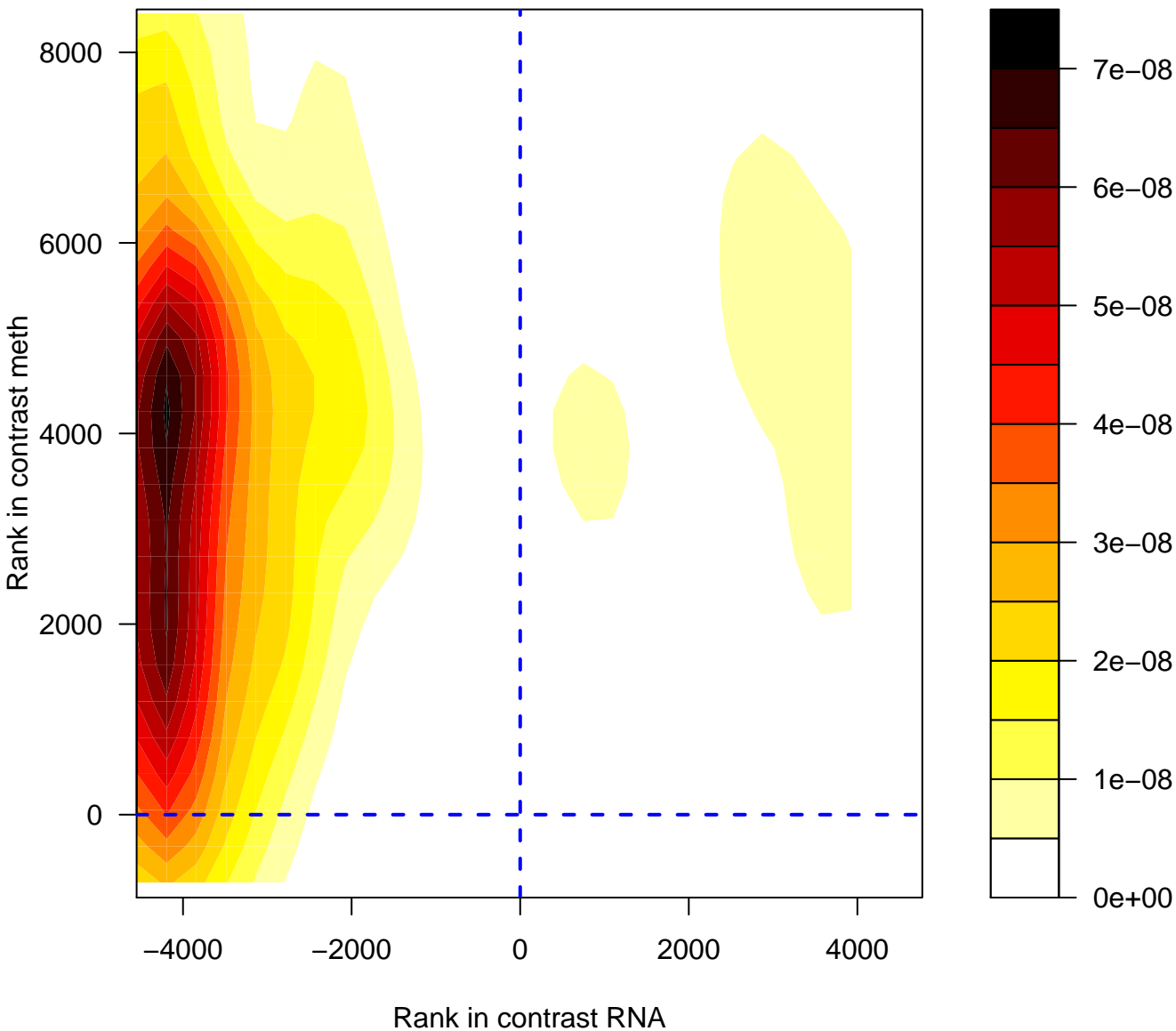
# Eukaryotic Translation Termination



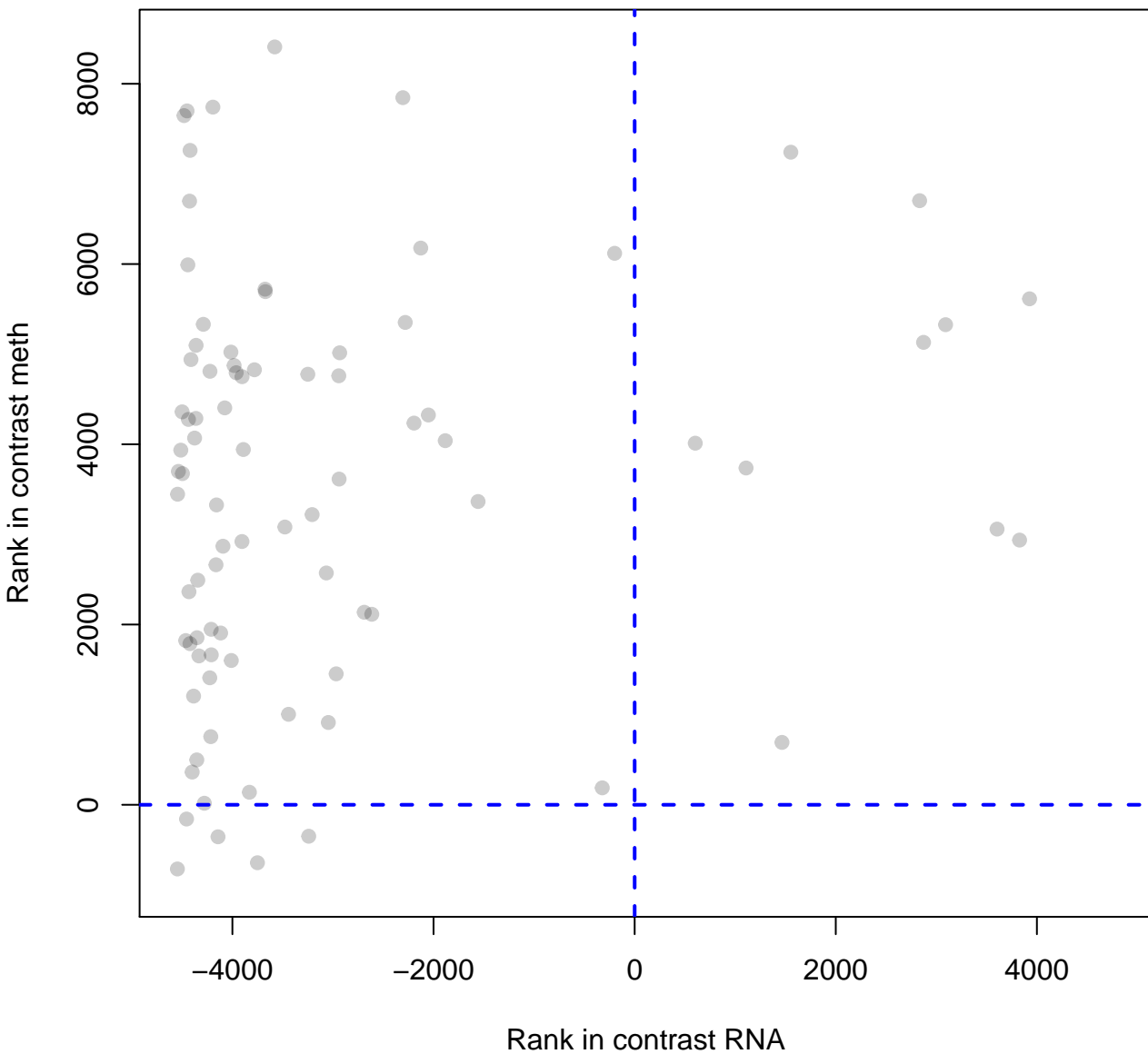
# Eukaryotic Translation Termination



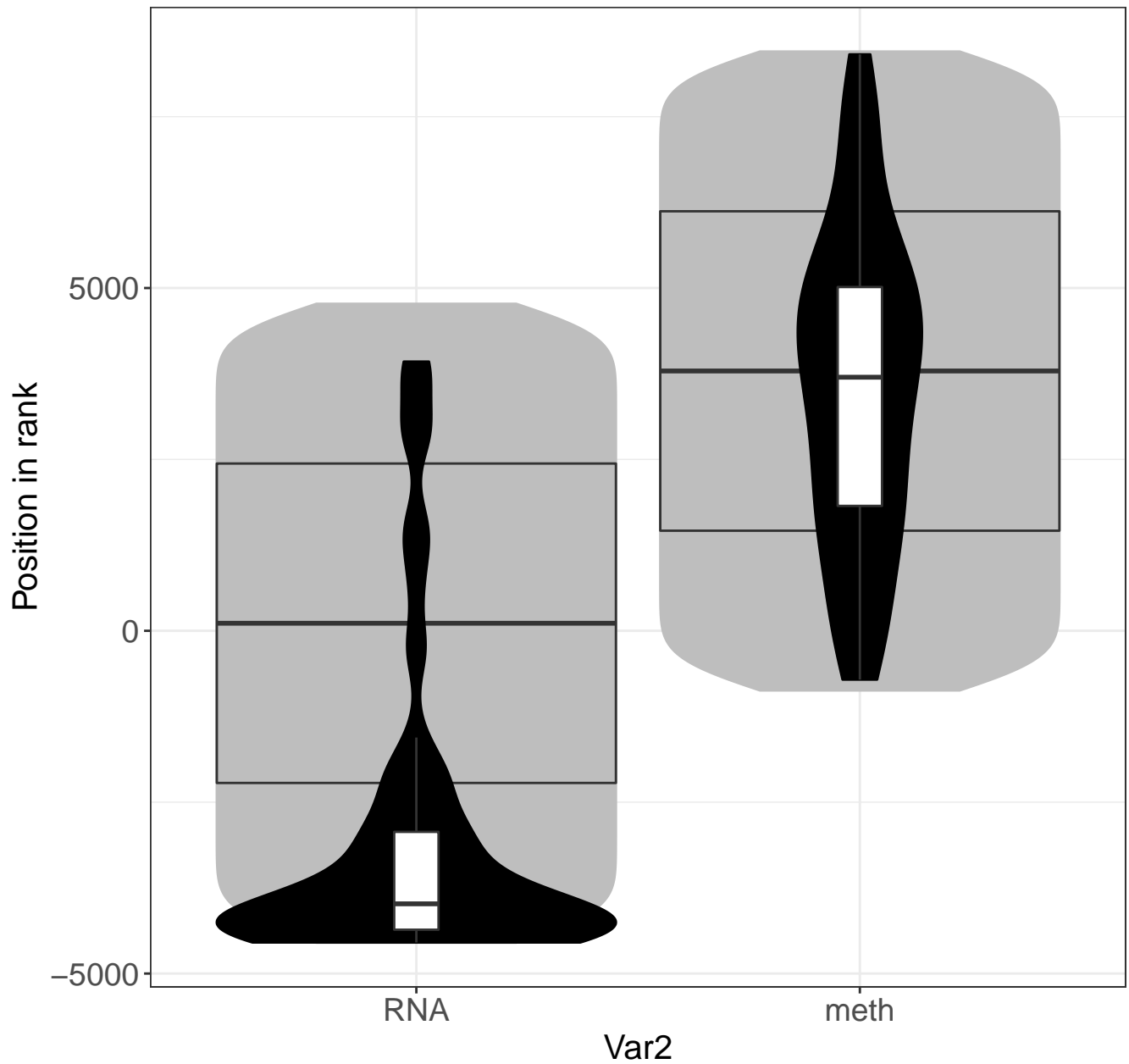
# L13a-mediated translational silencing of Ceruloplasmin expr



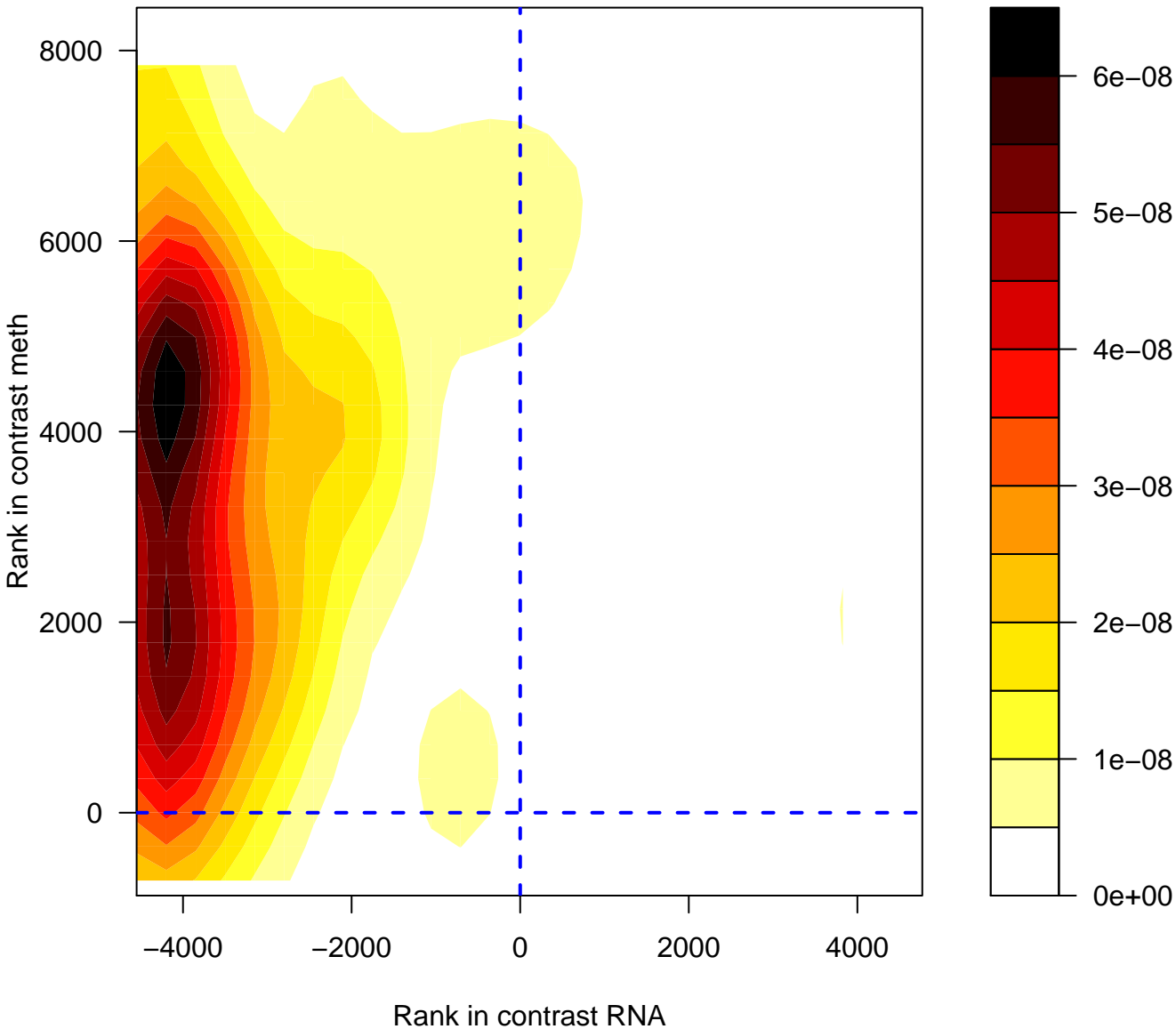
# L13a-mediated translational silencing of Ceruloplasmin expression



# L13a-mediated translational silencing of Ceruloplasmin



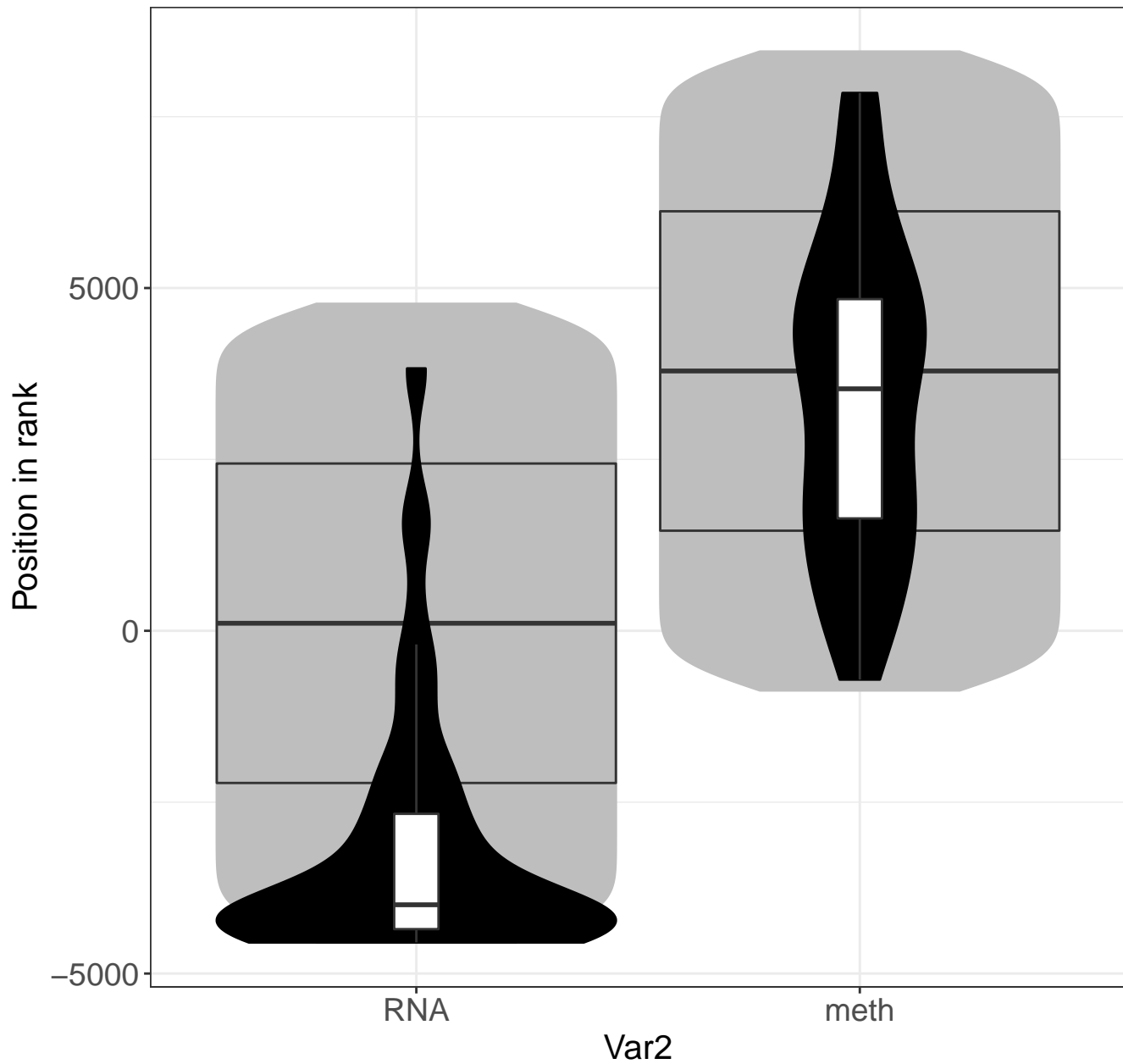
# Selenoamino acid metabolism



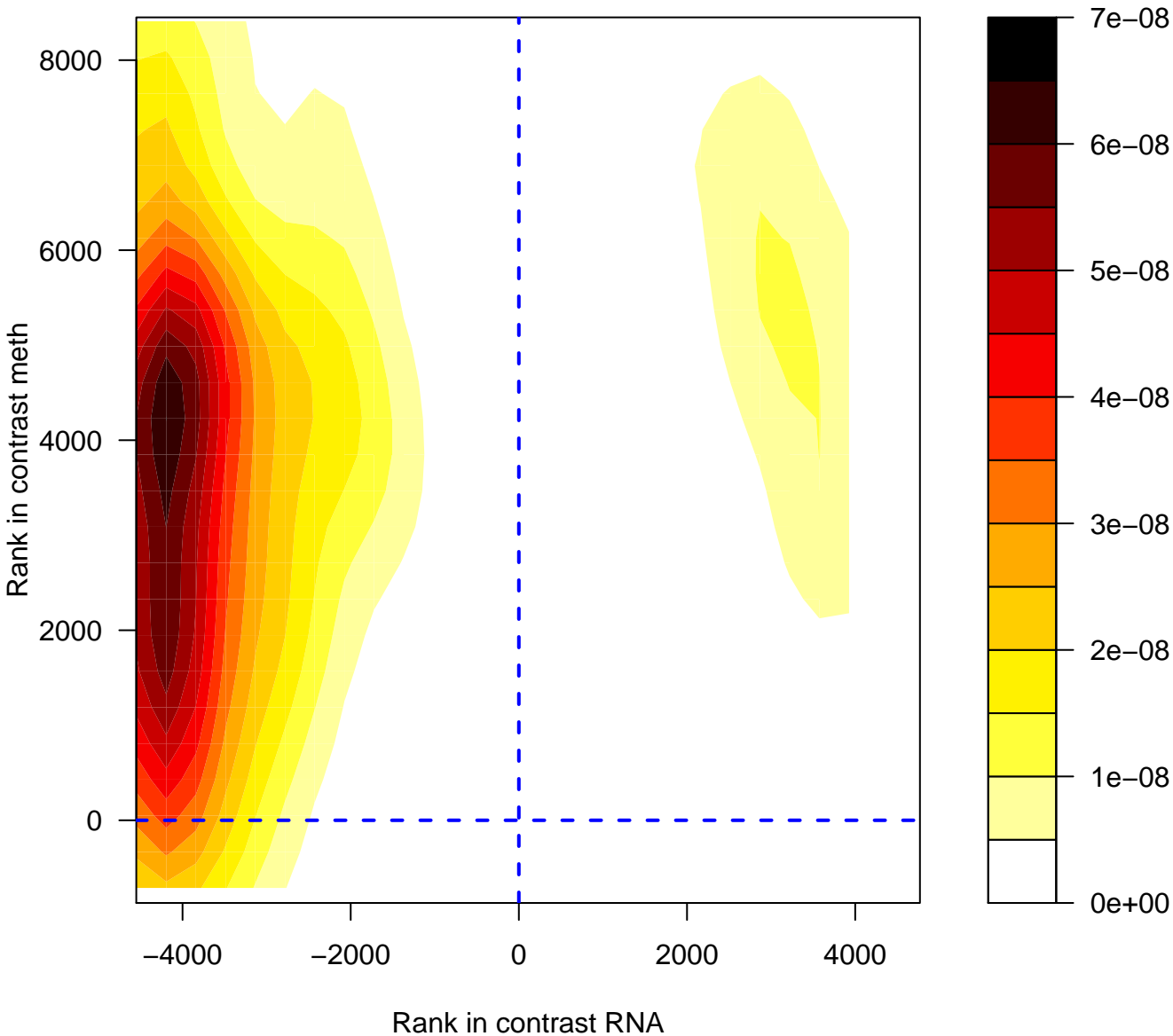




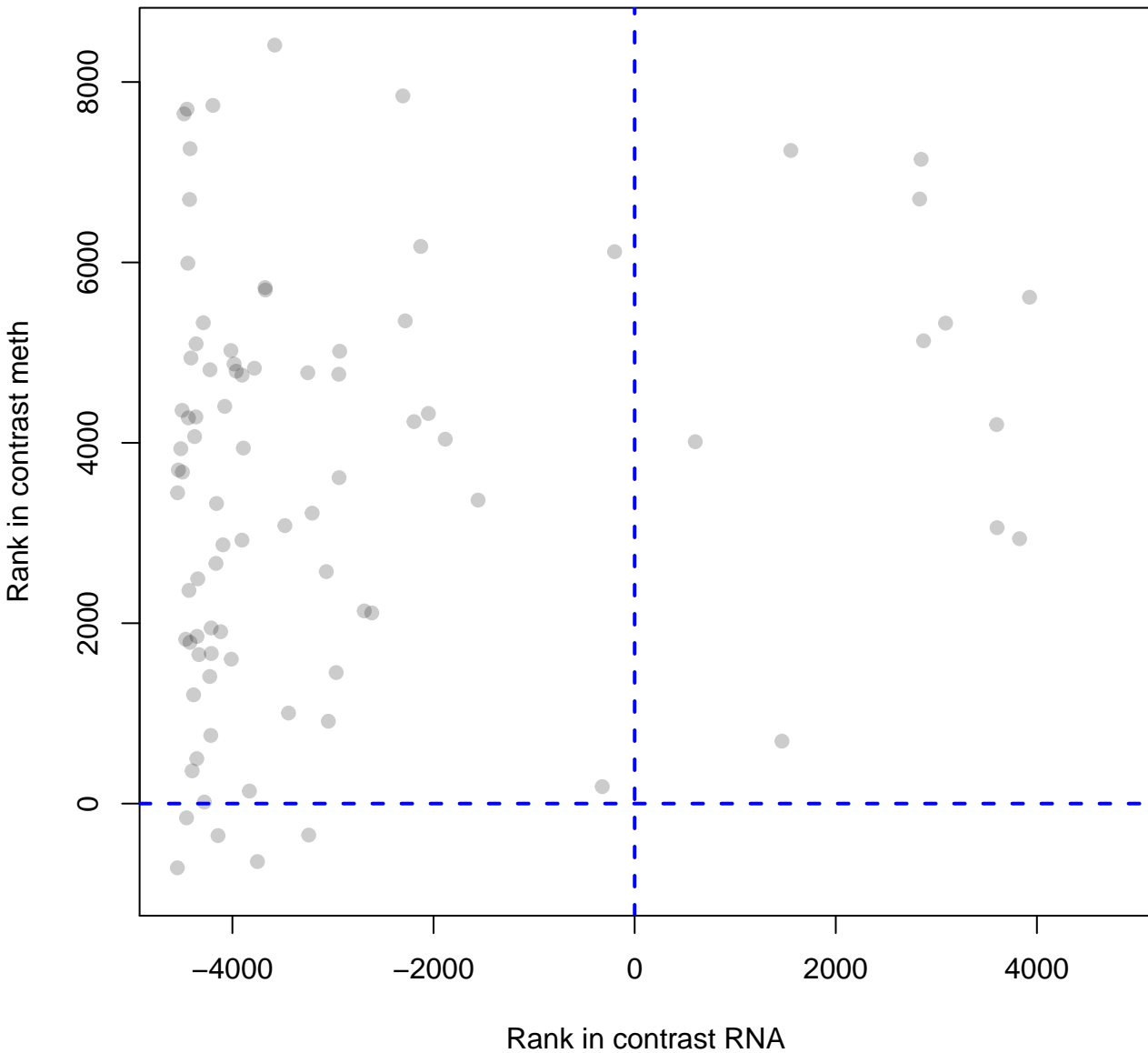
# Selenoamino acid metabolism



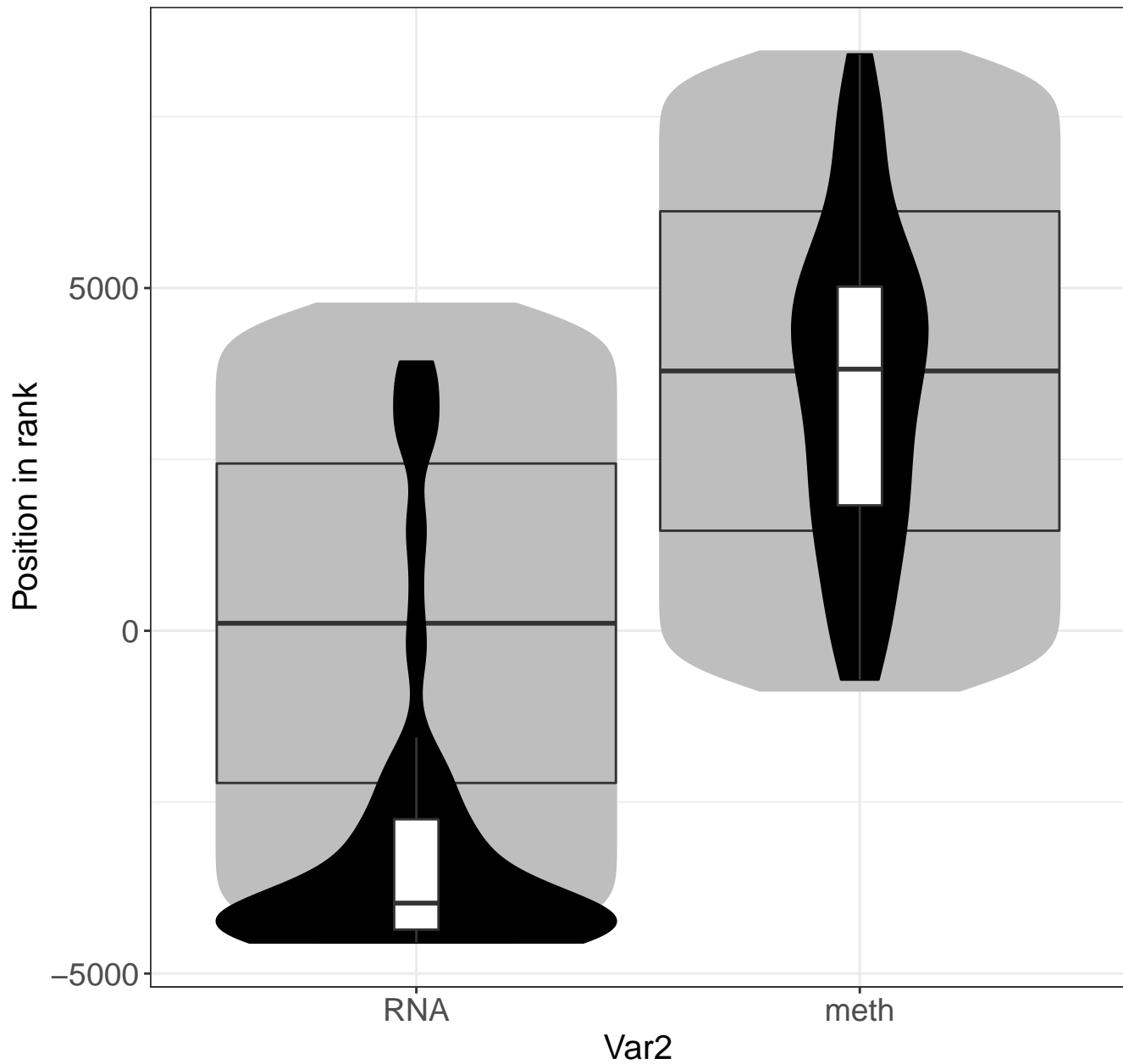
# GTP hydrolysis and joining of the 60S ribosomal subun



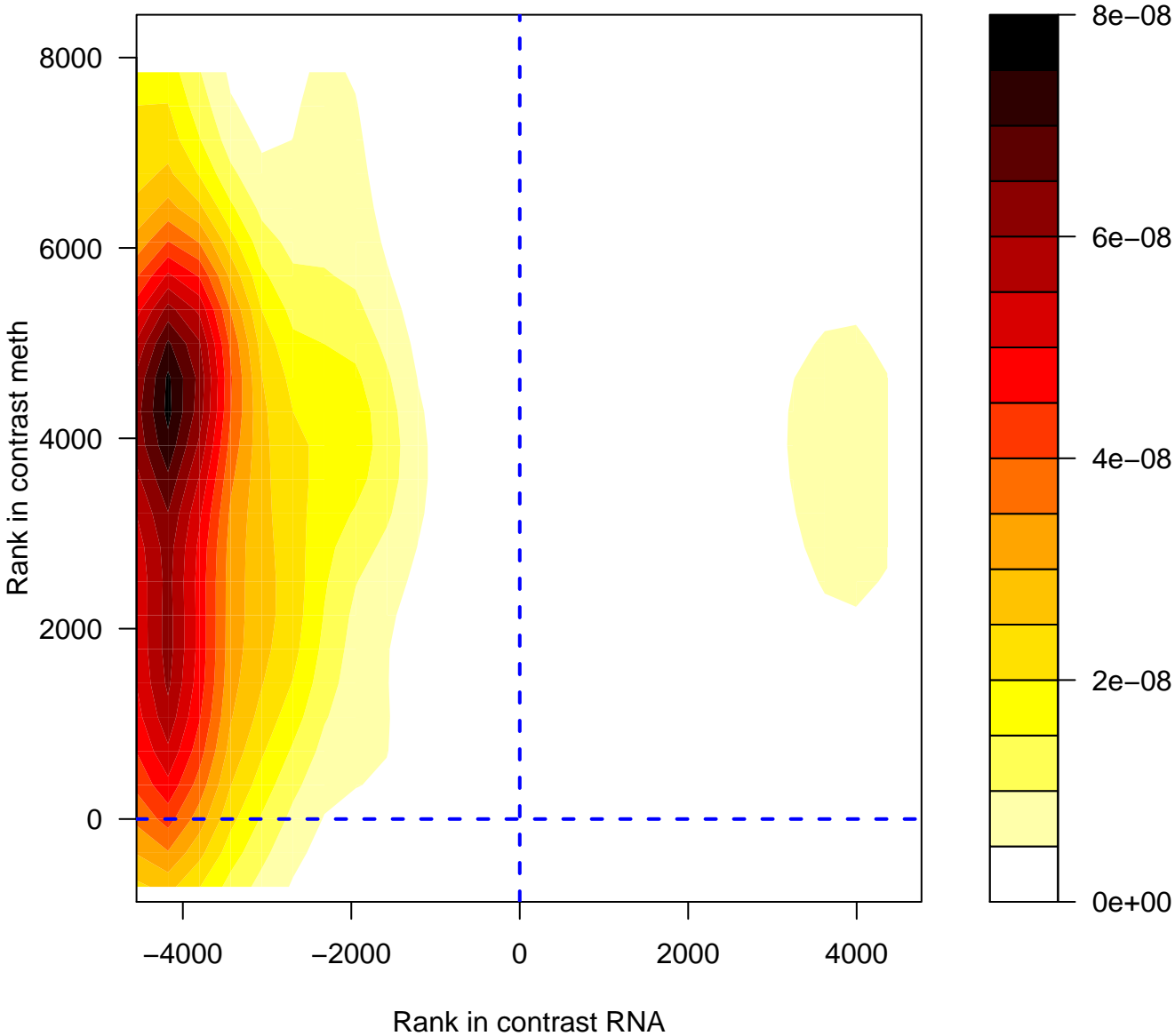
# GTP hydrolysis and joining of the 60S ribosomal subunit



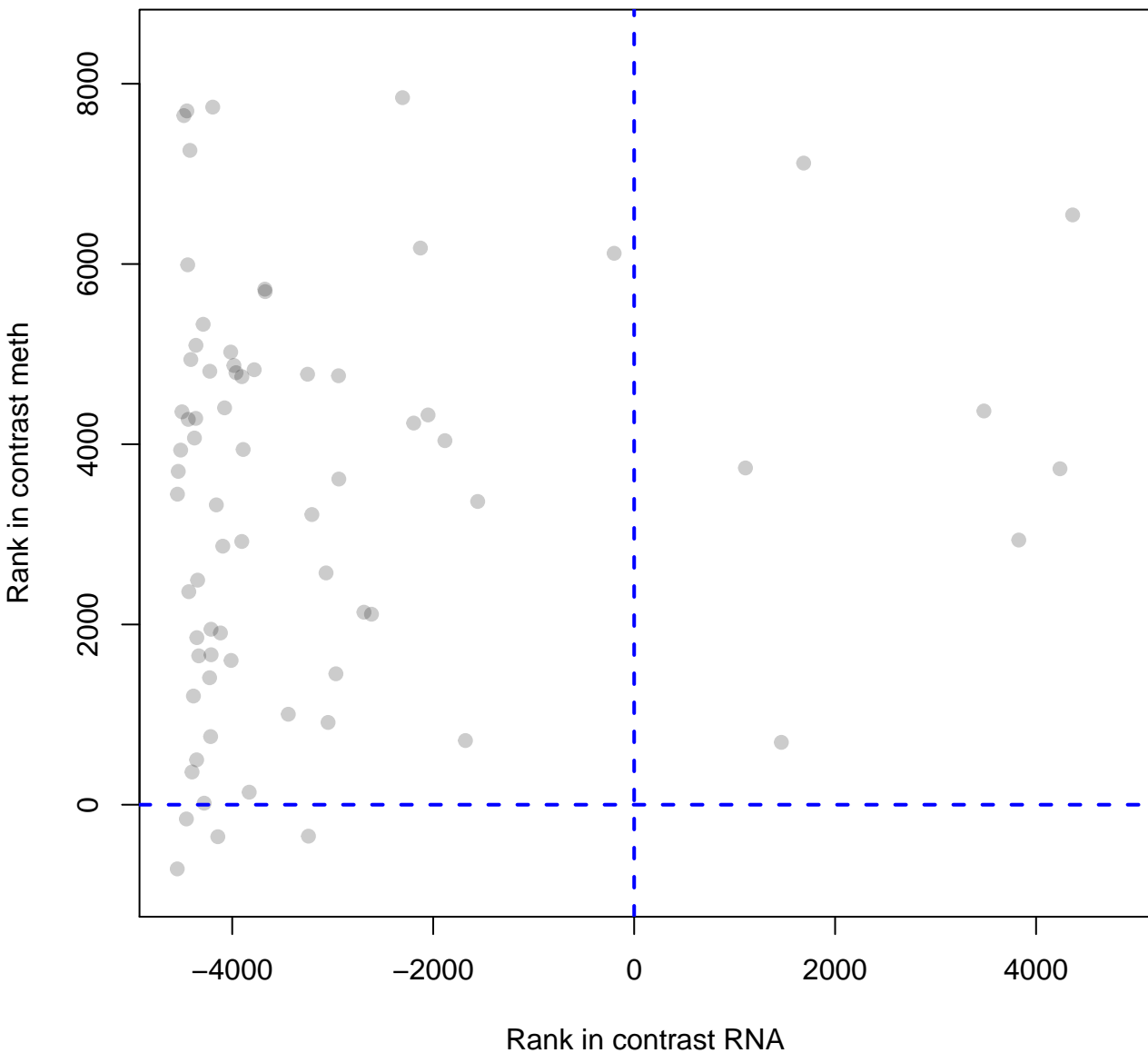
# GTP hydrolysis and joining of the 60S ribosomal s



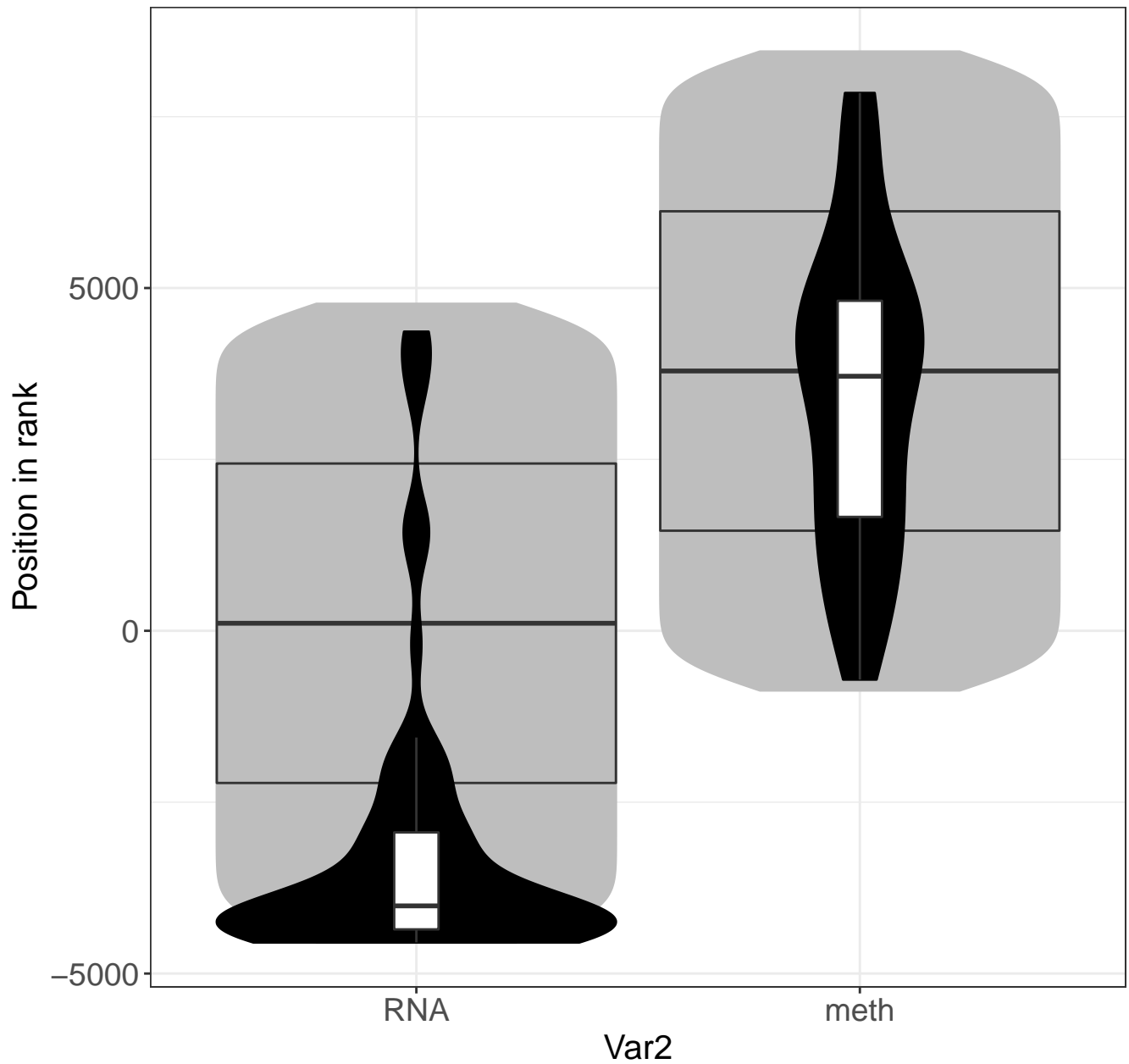
# Exon Junction Mediated Decay (NMD) independent of the Exon Junction (EJ)



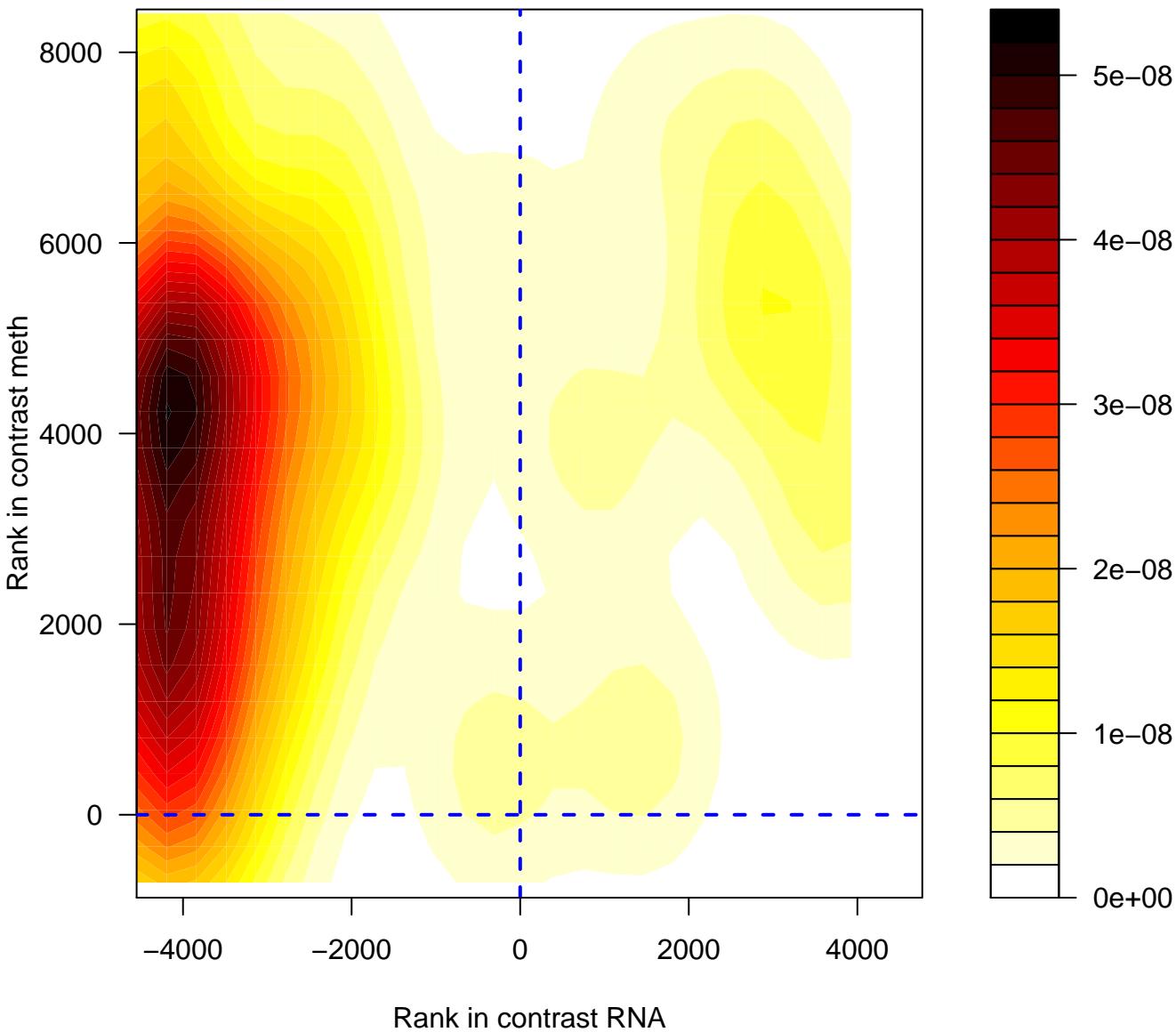
# antisense Mediated Decay (NMD) independent of the Exon Junction Complex



# Nonsense Mediated Decay (NMD) independent of o

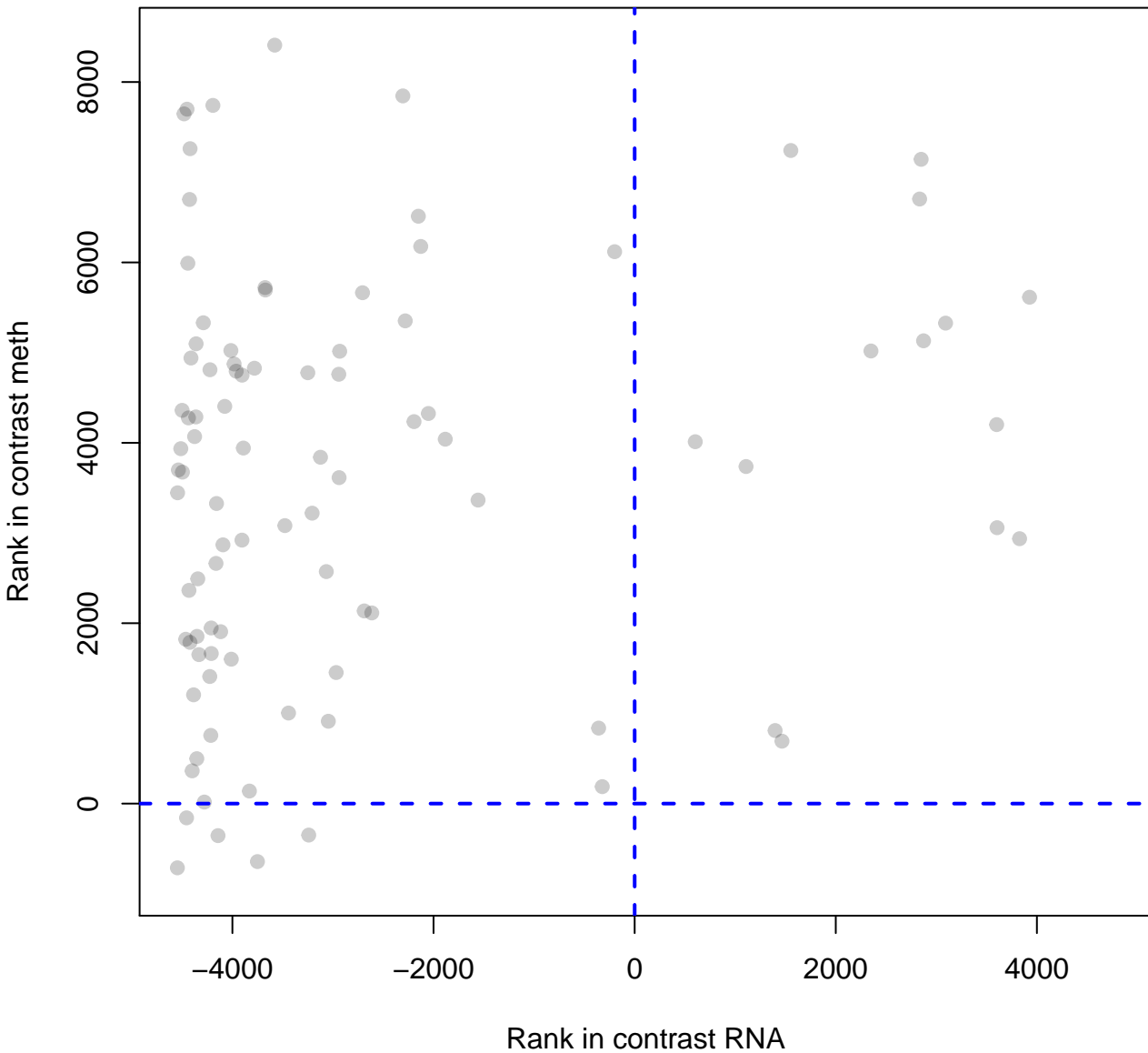


# Cap-dependent Translation Initiation

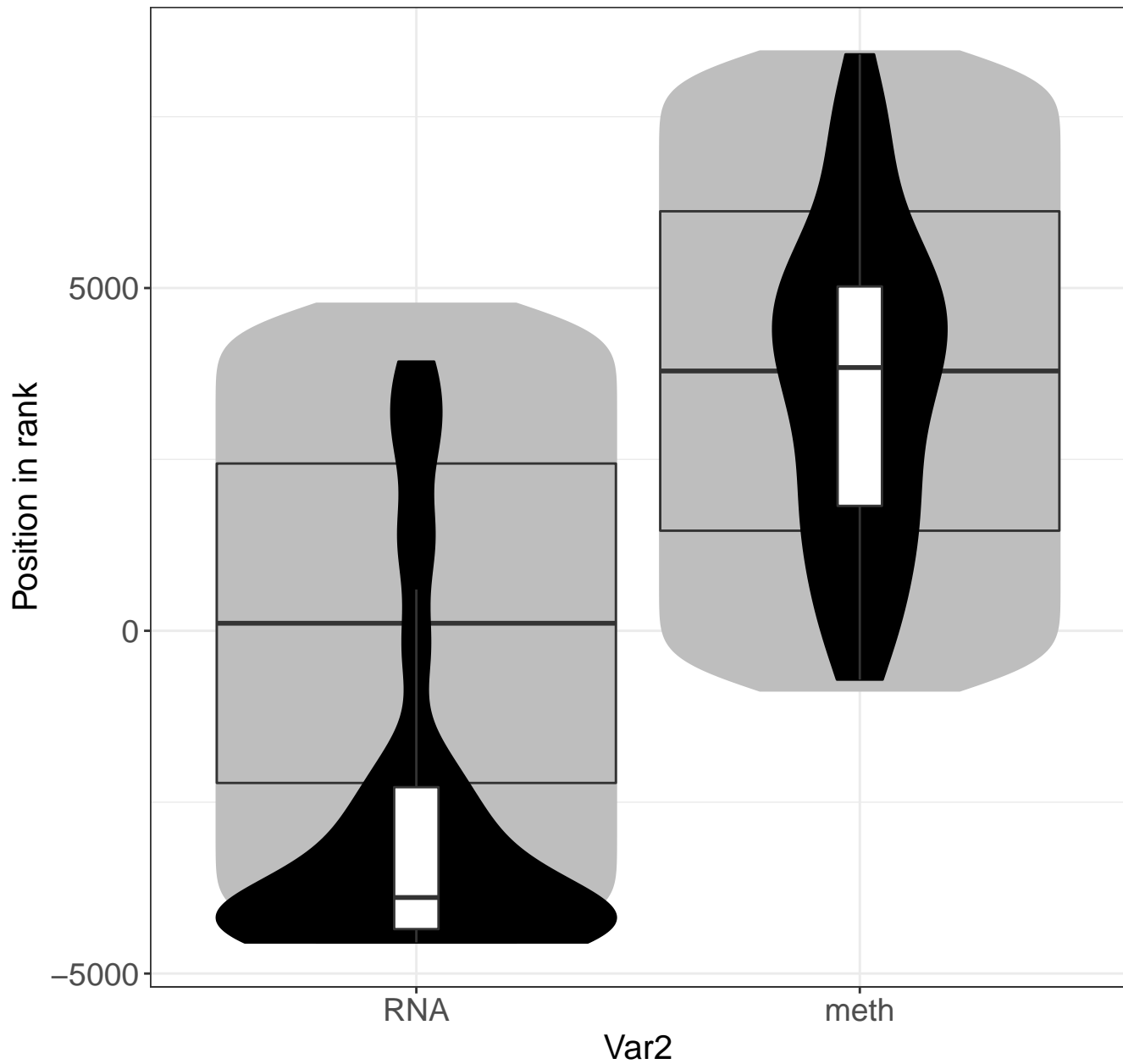




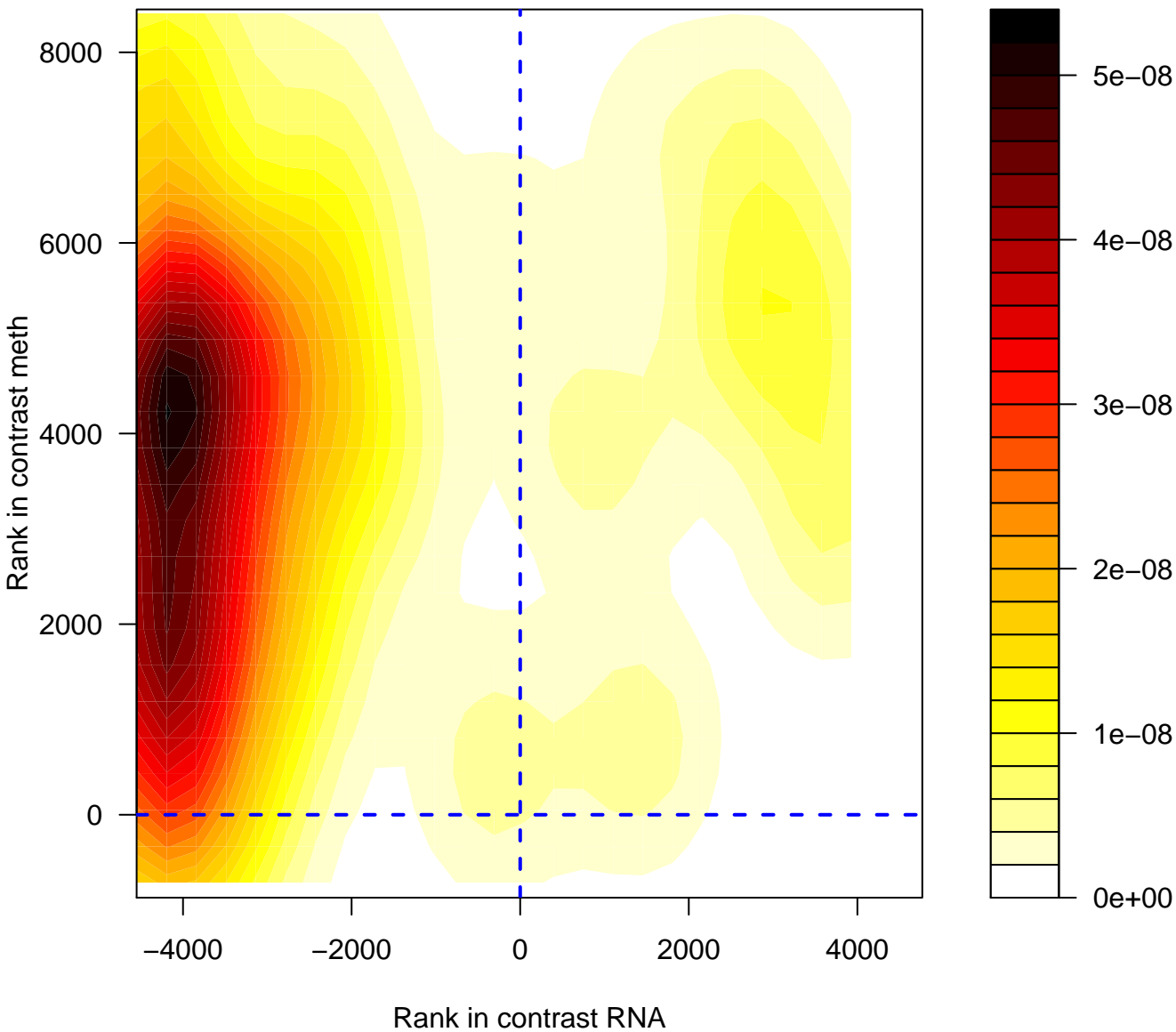
# Cap-dependent Translation Initiation



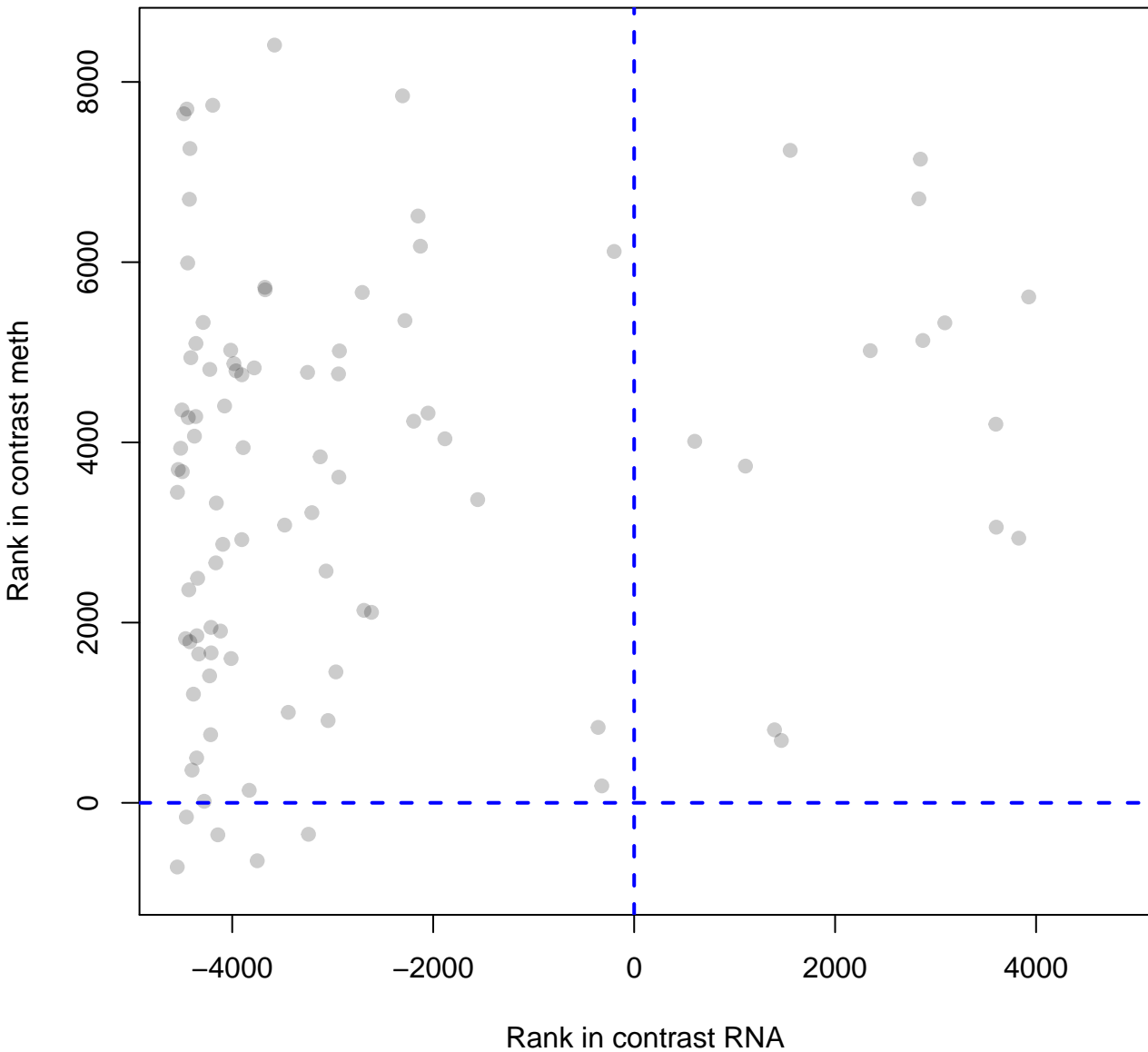
# Cap-dependent Translation Initiation



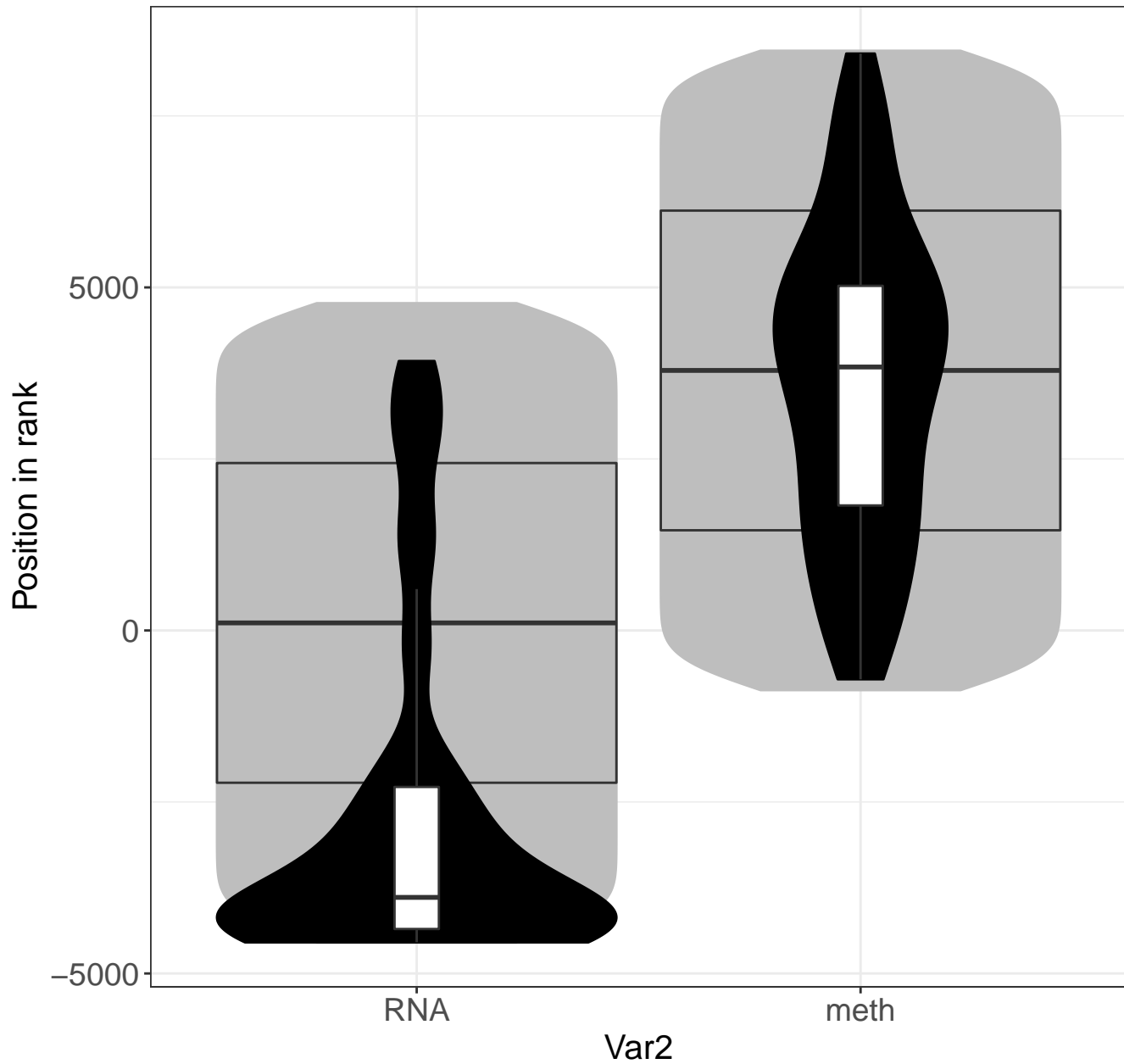
# Eukaryotic Translation Initiation



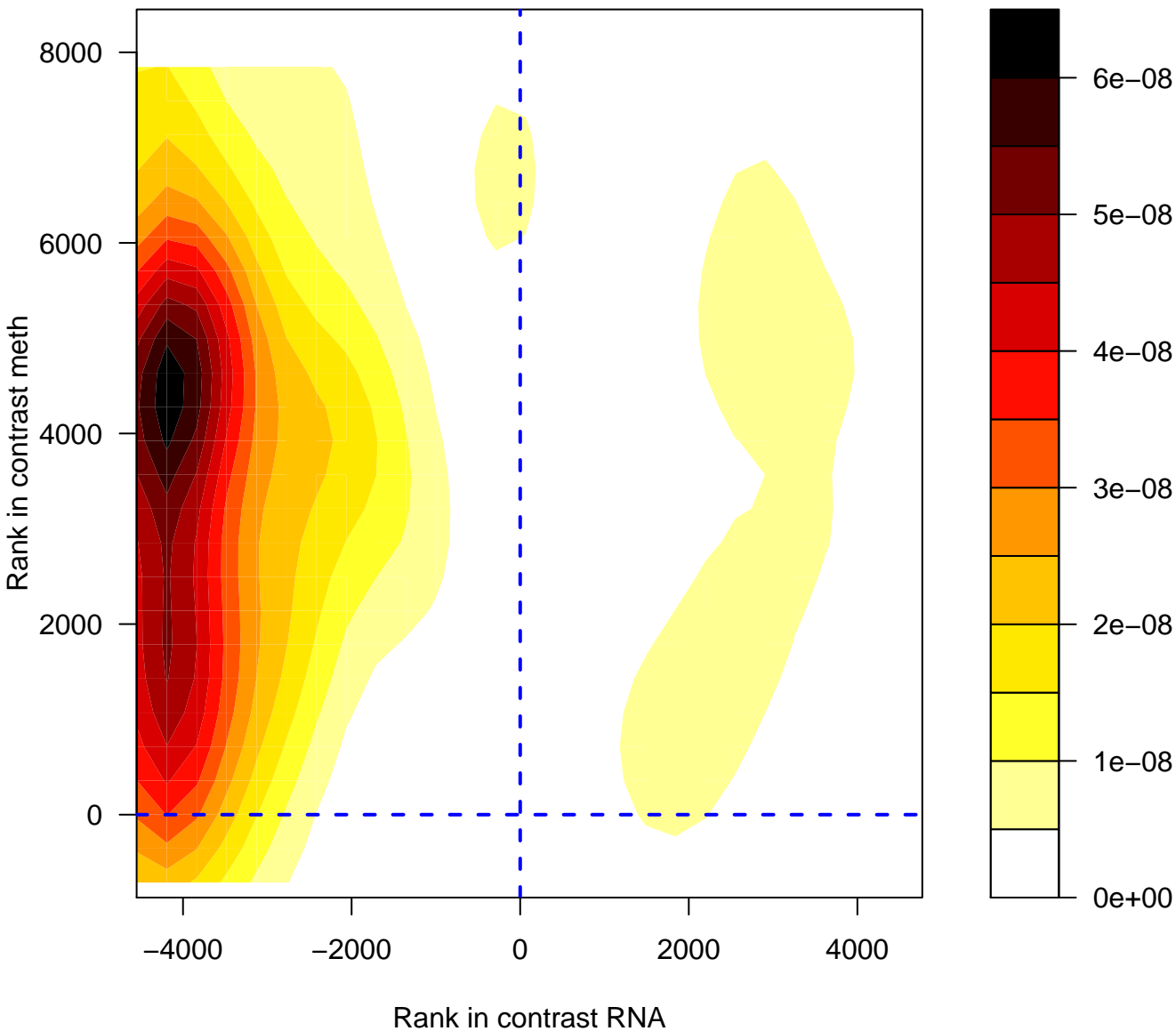
# Eukaryotic Translation Initiation



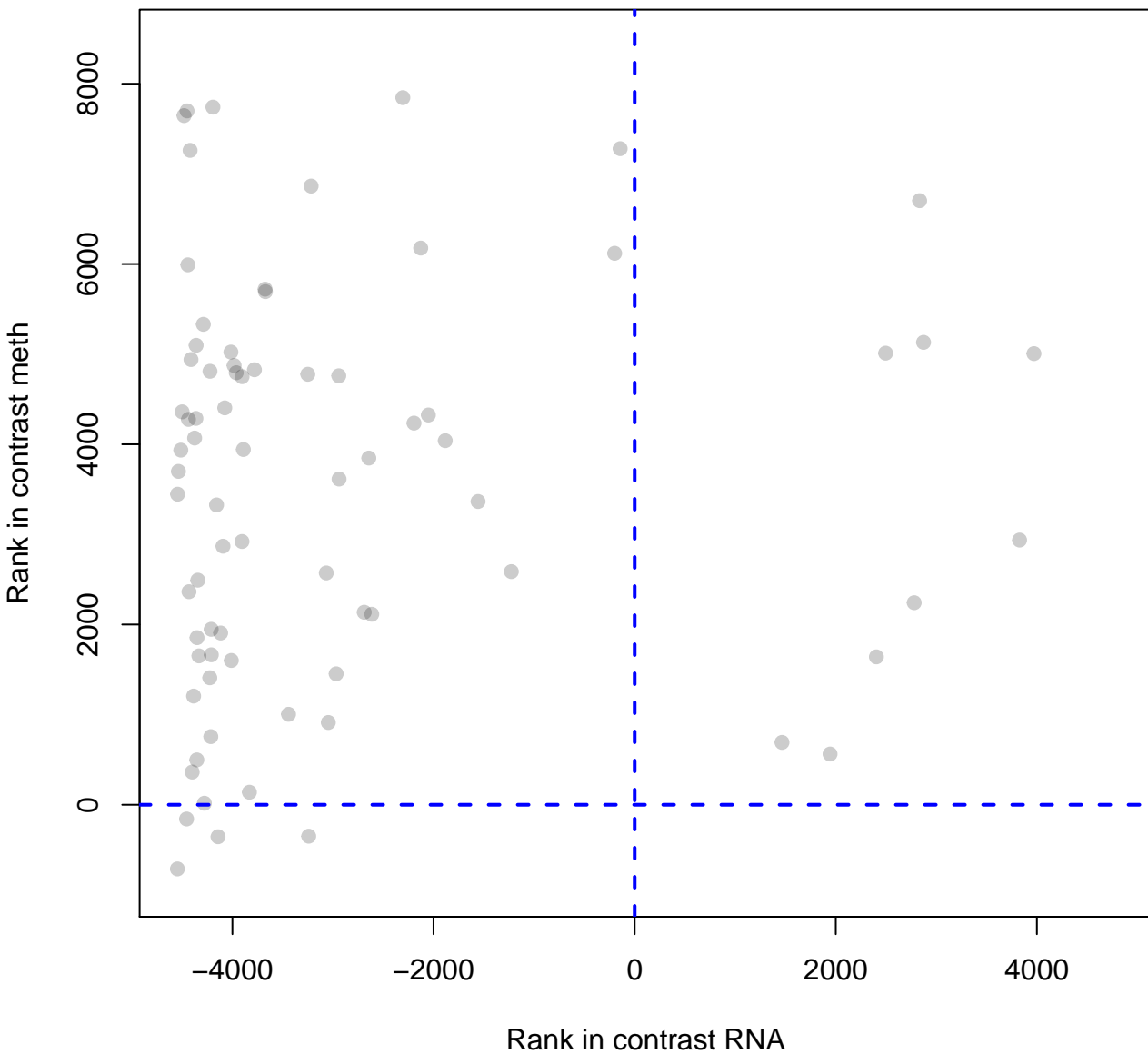
# Eukaryotic Translation Initiation



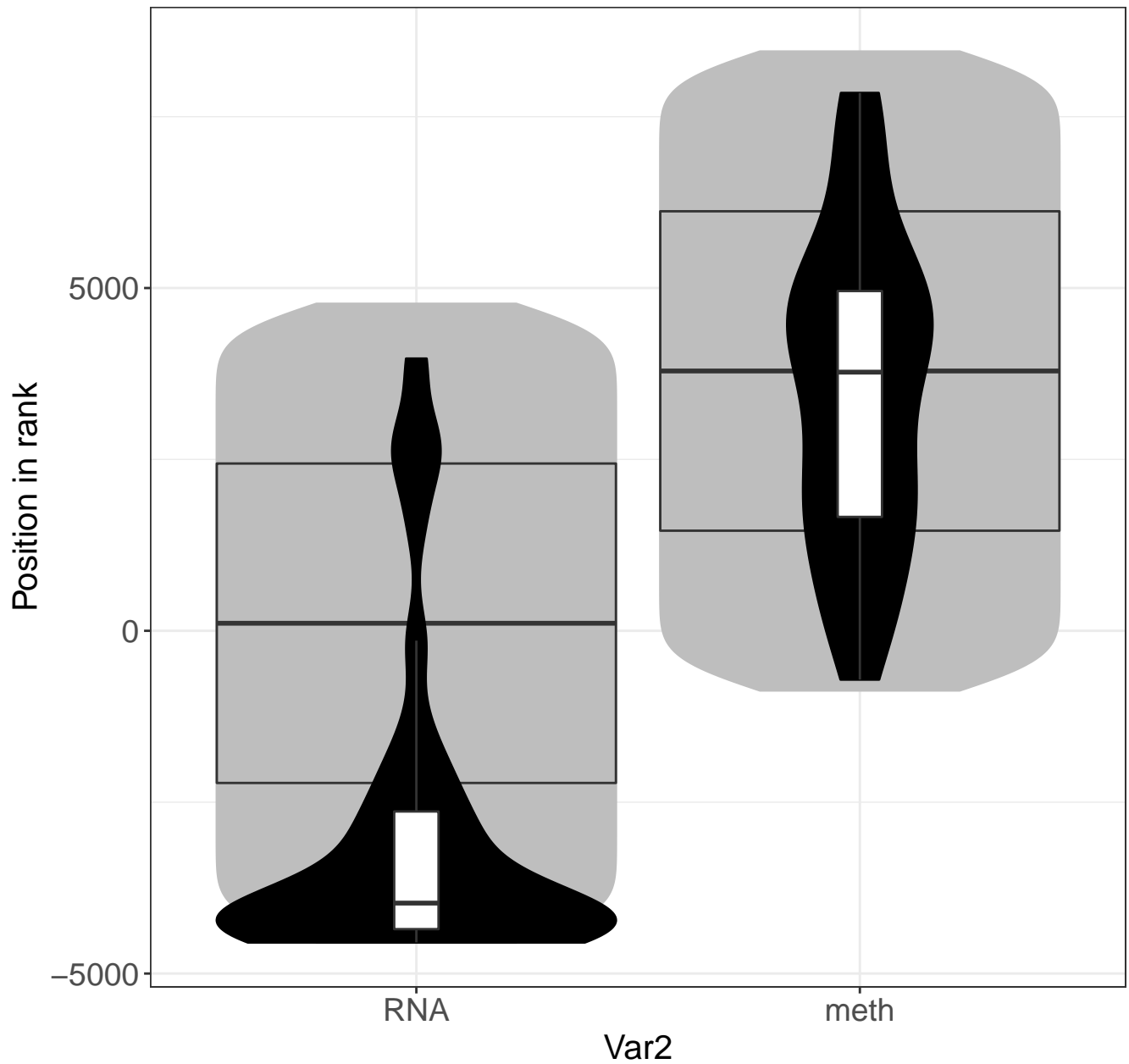
# Response of EIF2AK4 (GCN2) to amino acid deficiency



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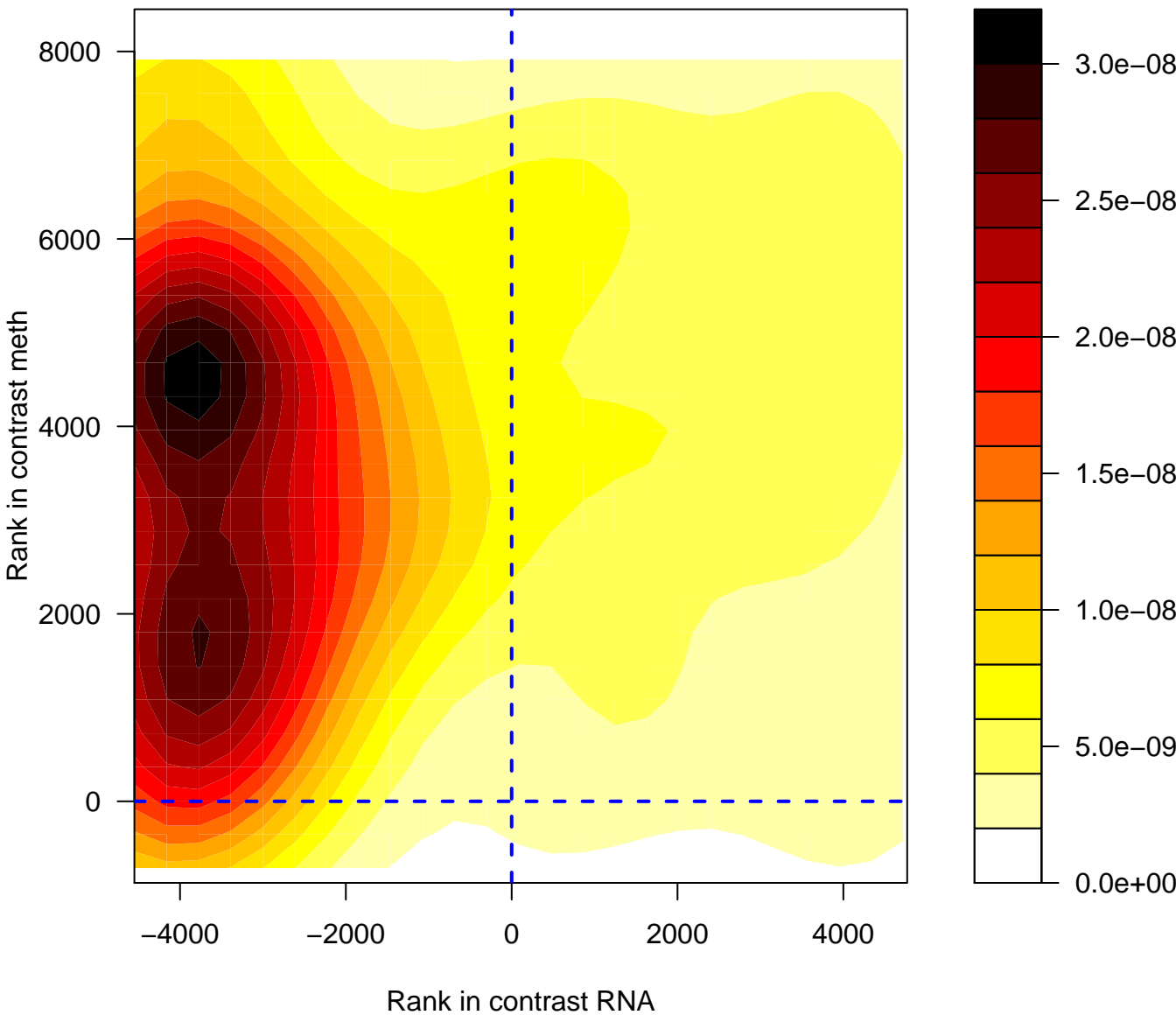


# Response of EIF2AK4 (GCN2) to amino acid deficiency

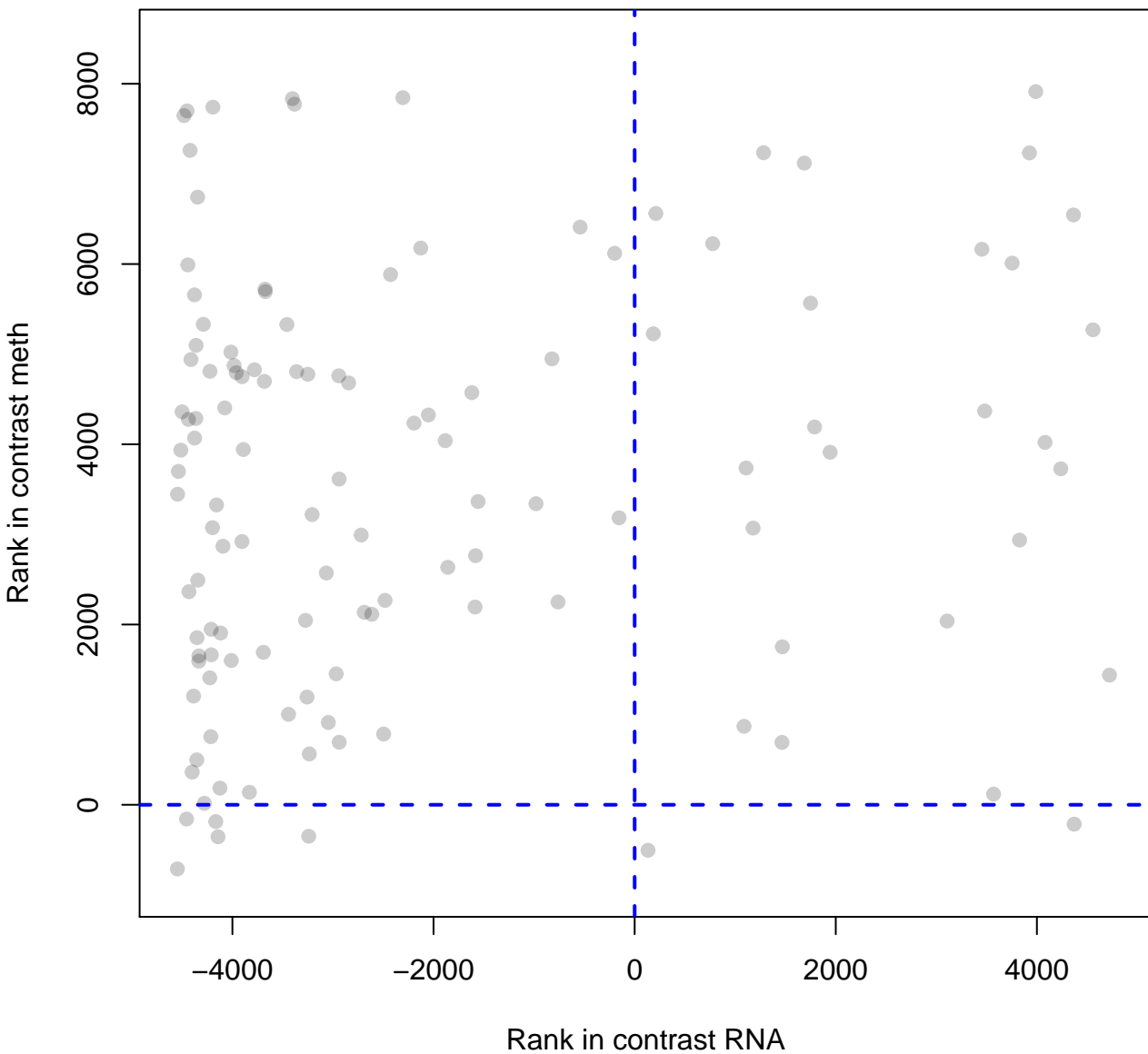




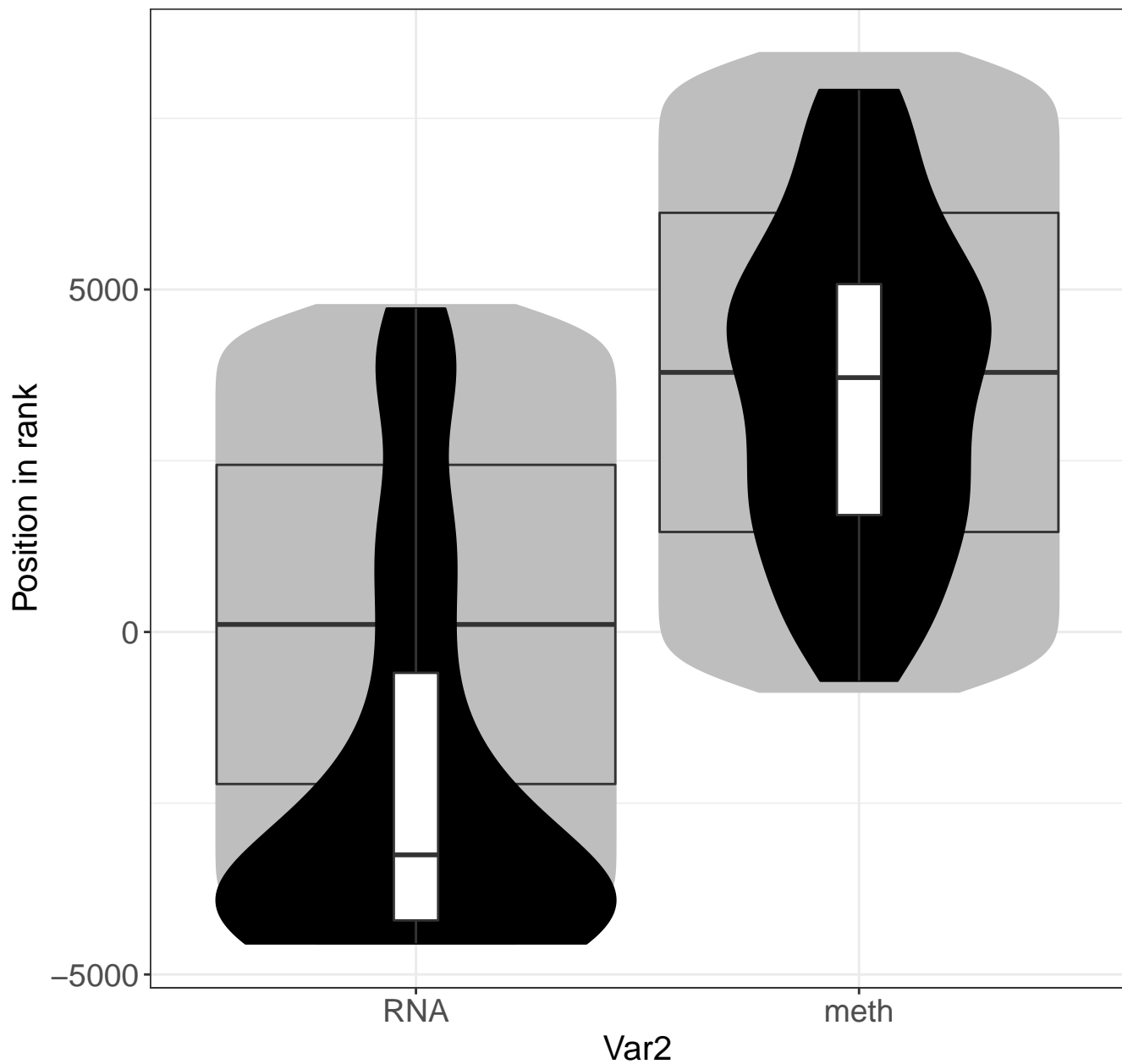
# Regulation of expression of SLITs and ROBOs



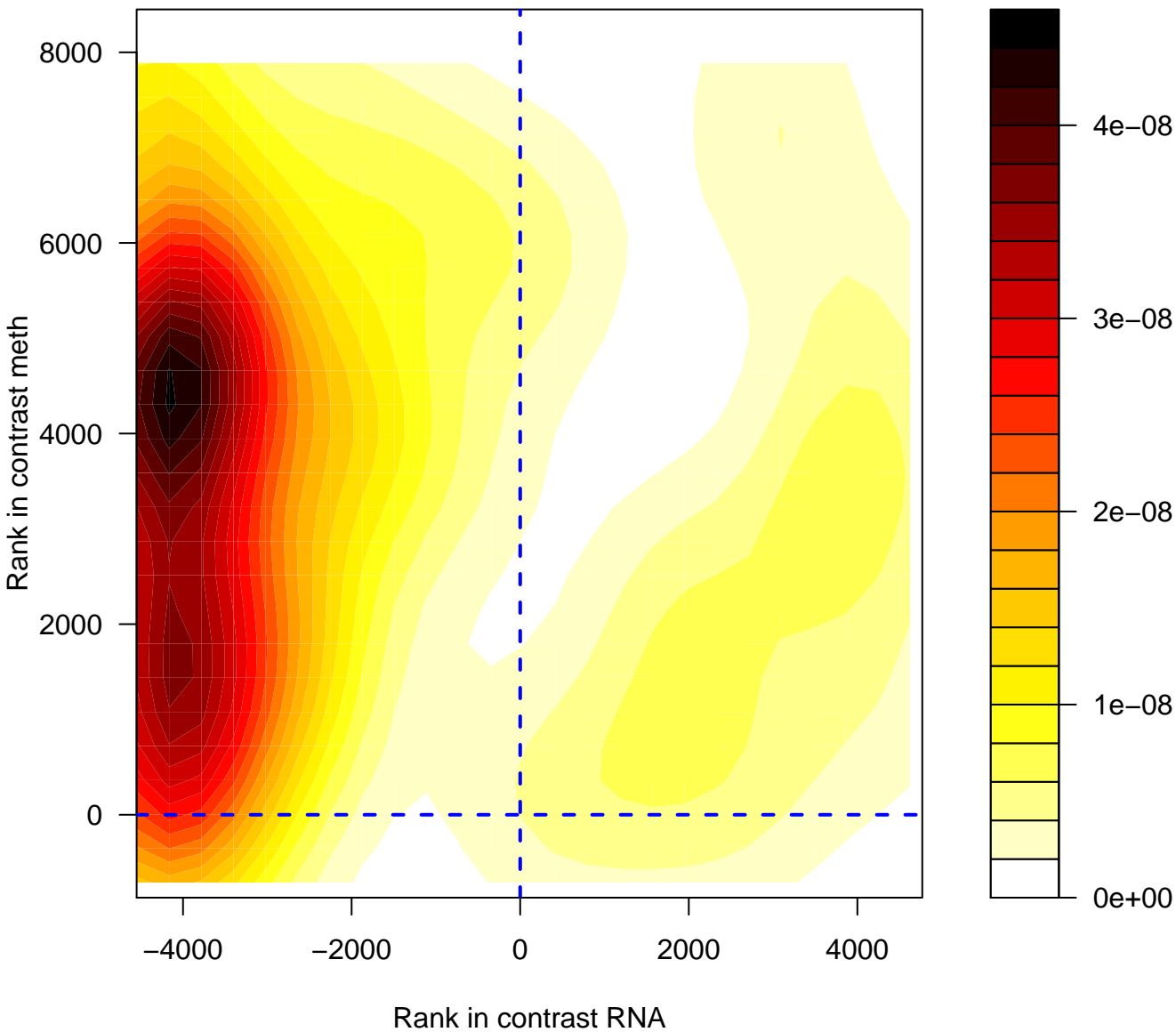
## Regulation of expression of SLITs and ROBOs



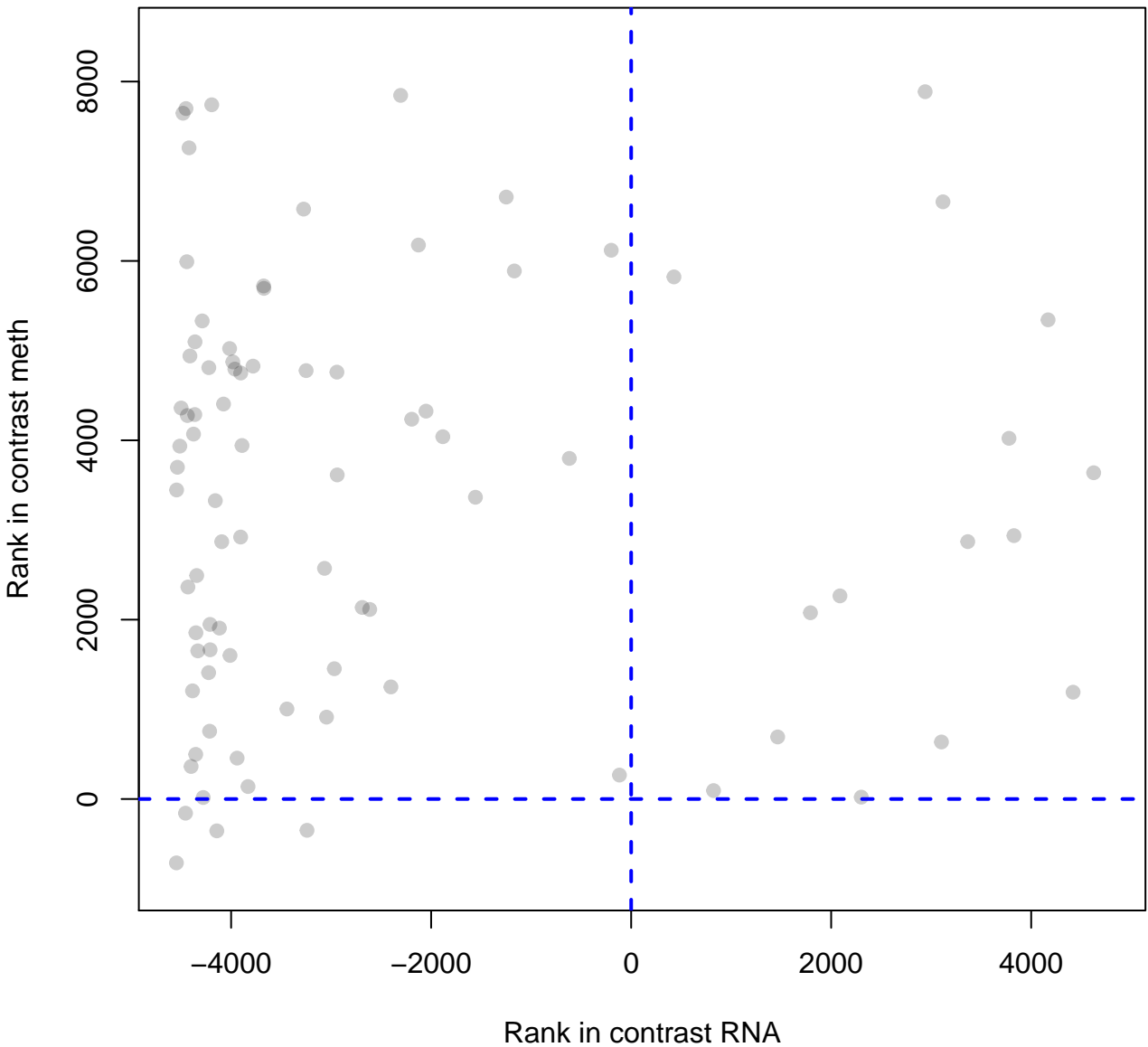
# Regulation of expression of SLITs and ROBOs



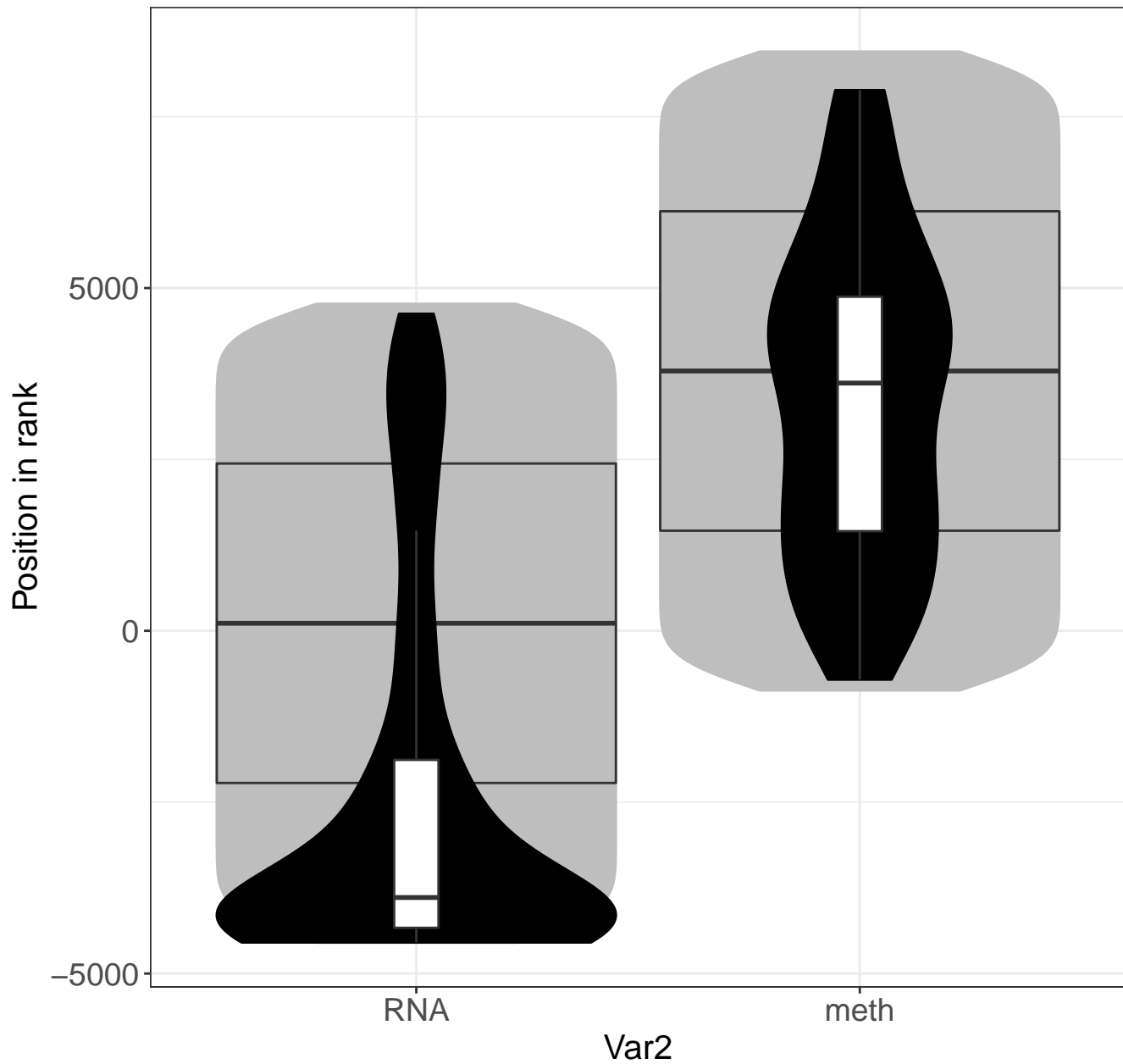
# SRP-dependent cotranslational protein targeting to memb



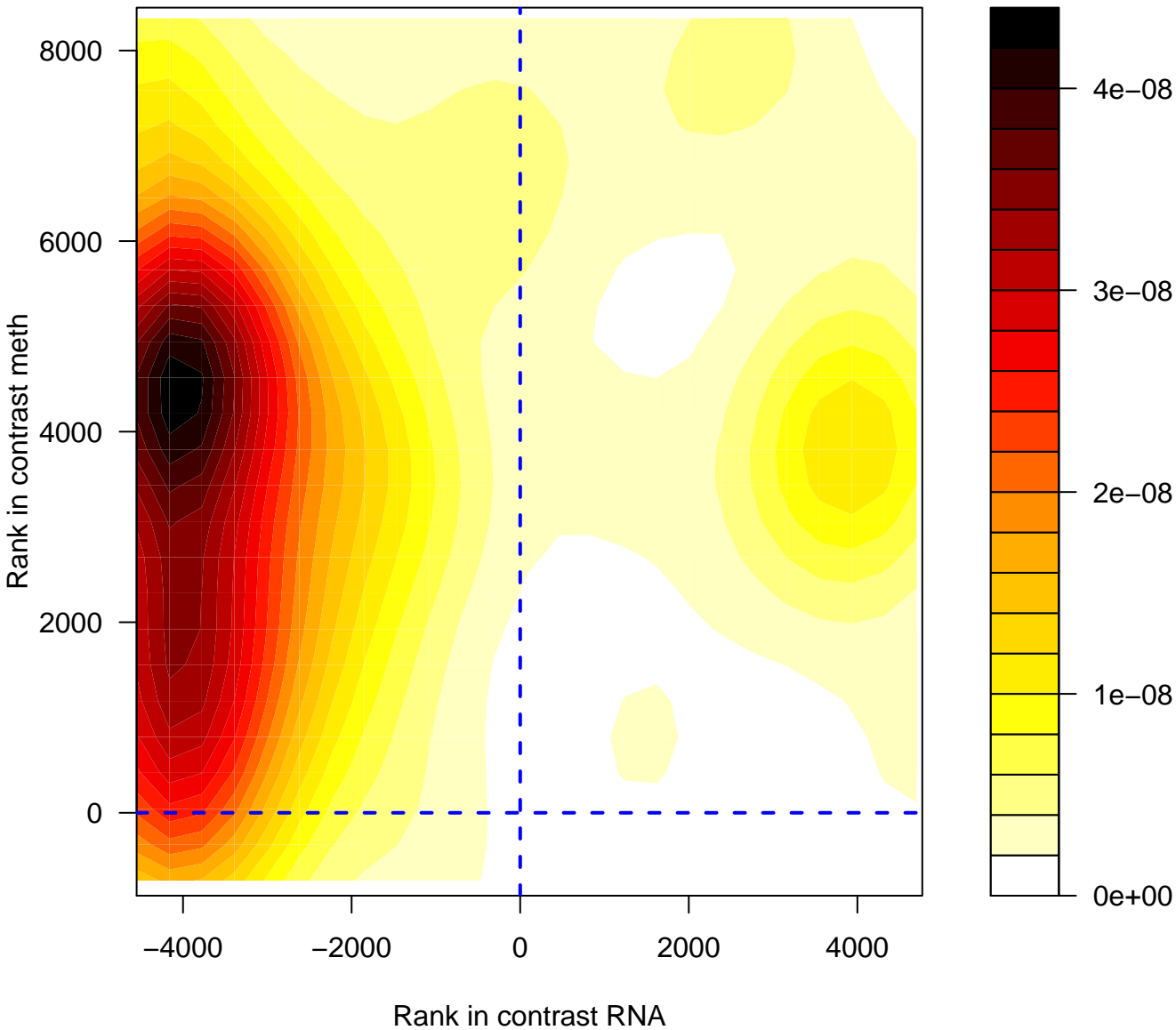
# SRP-dependent cotranslational protein targeting to membrane



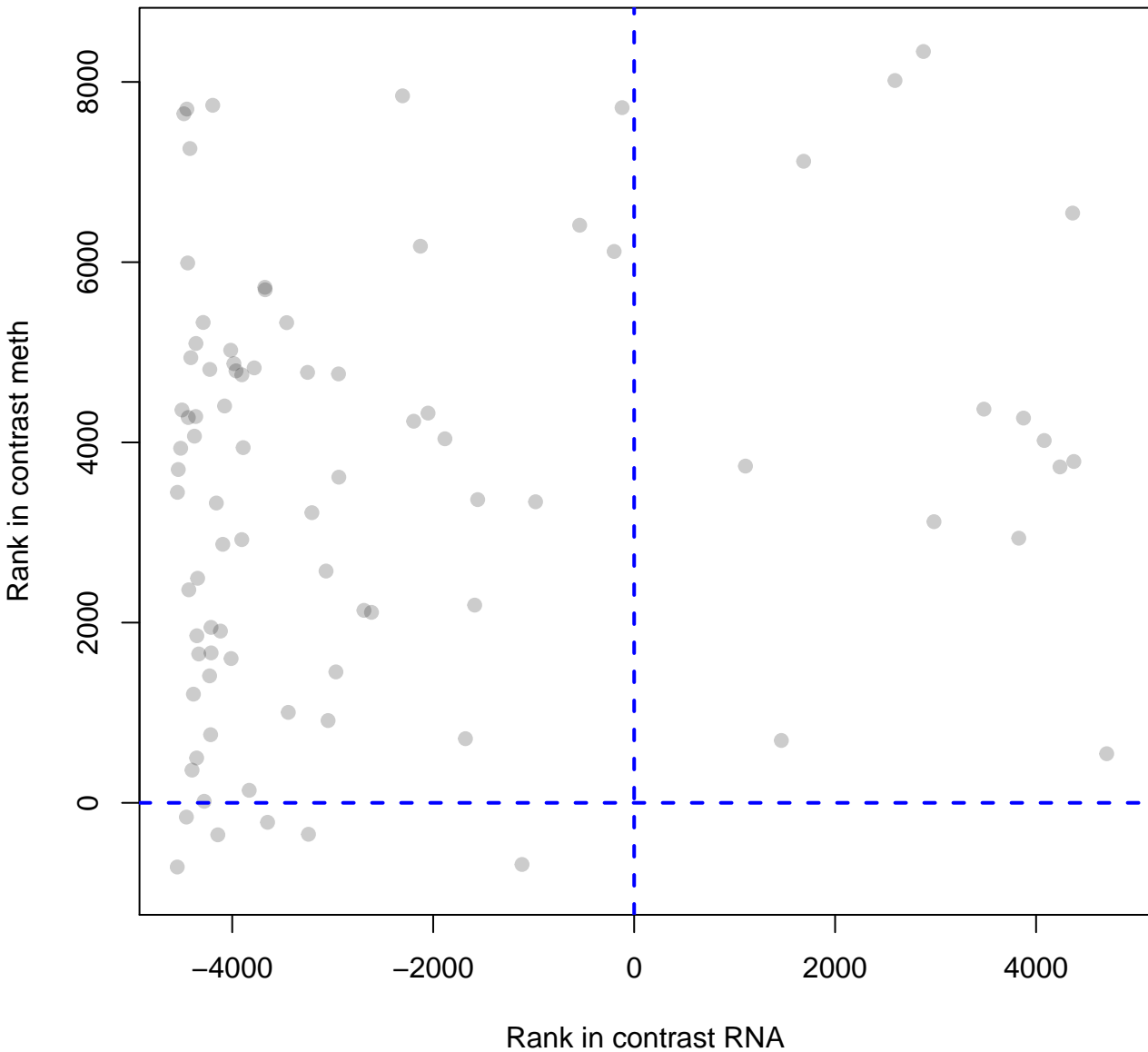
# SRP-dependent cotranslational protein targeting



# Exon Junction C Mediated Decay (NMD) enhanced by the Exon Junction C

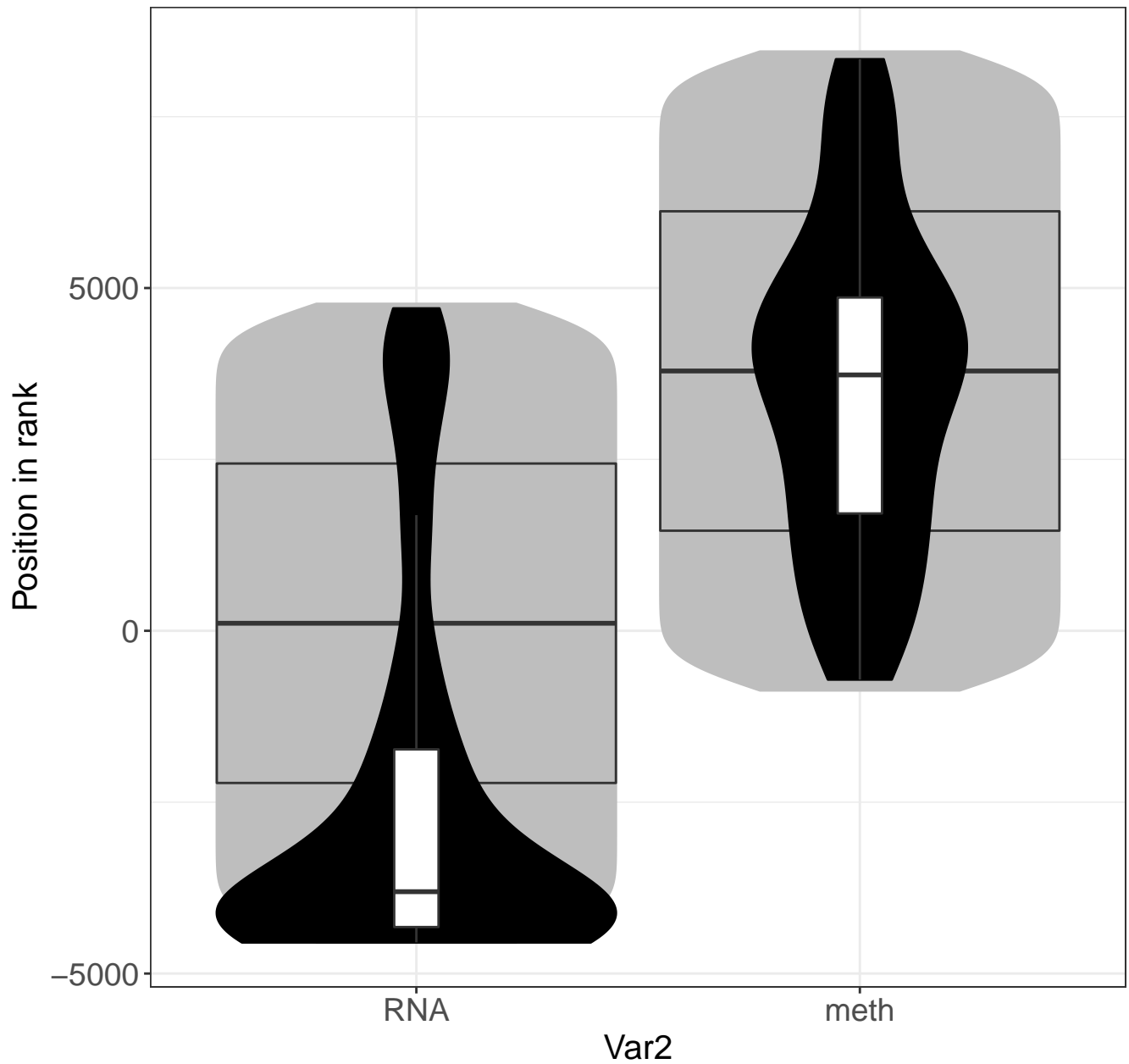


# Nonsense Mediated Decay (NMD) enhanced by the Exon Junction Complex (EJC)

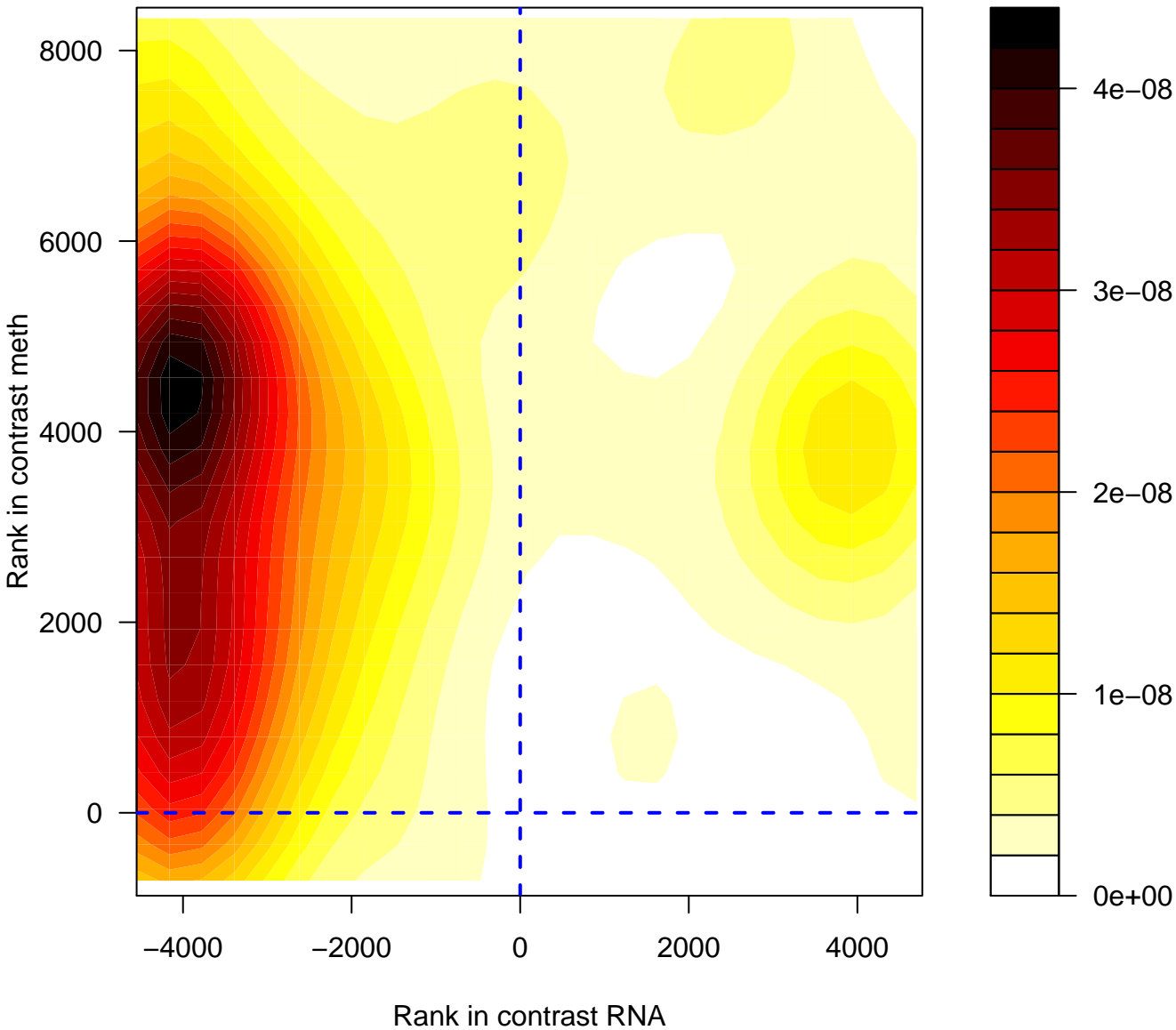




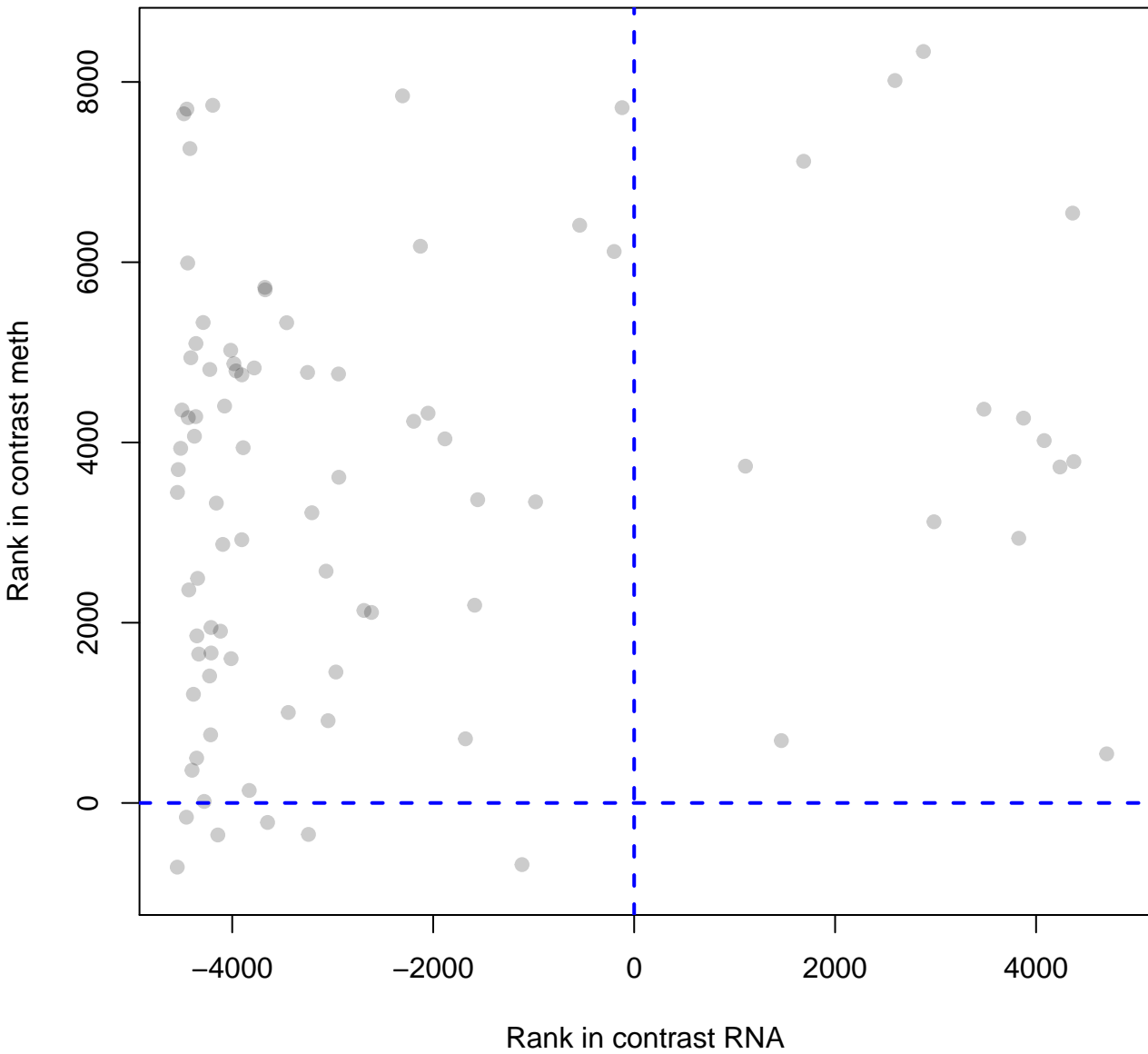
# Nonsense Mediated Decay (NMD) enhanced by t



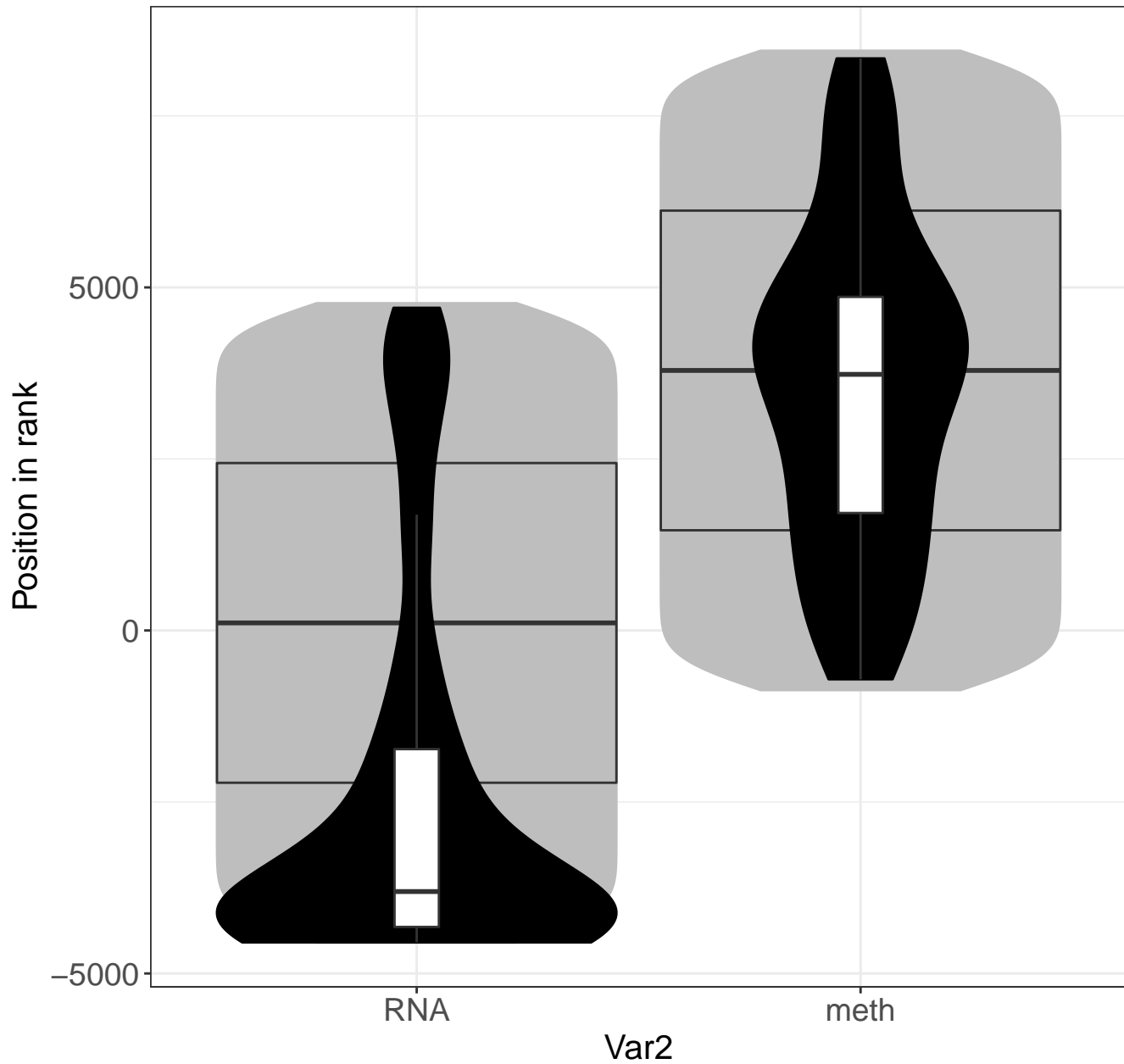
# Nonsense-Mediated Decay (NMD)



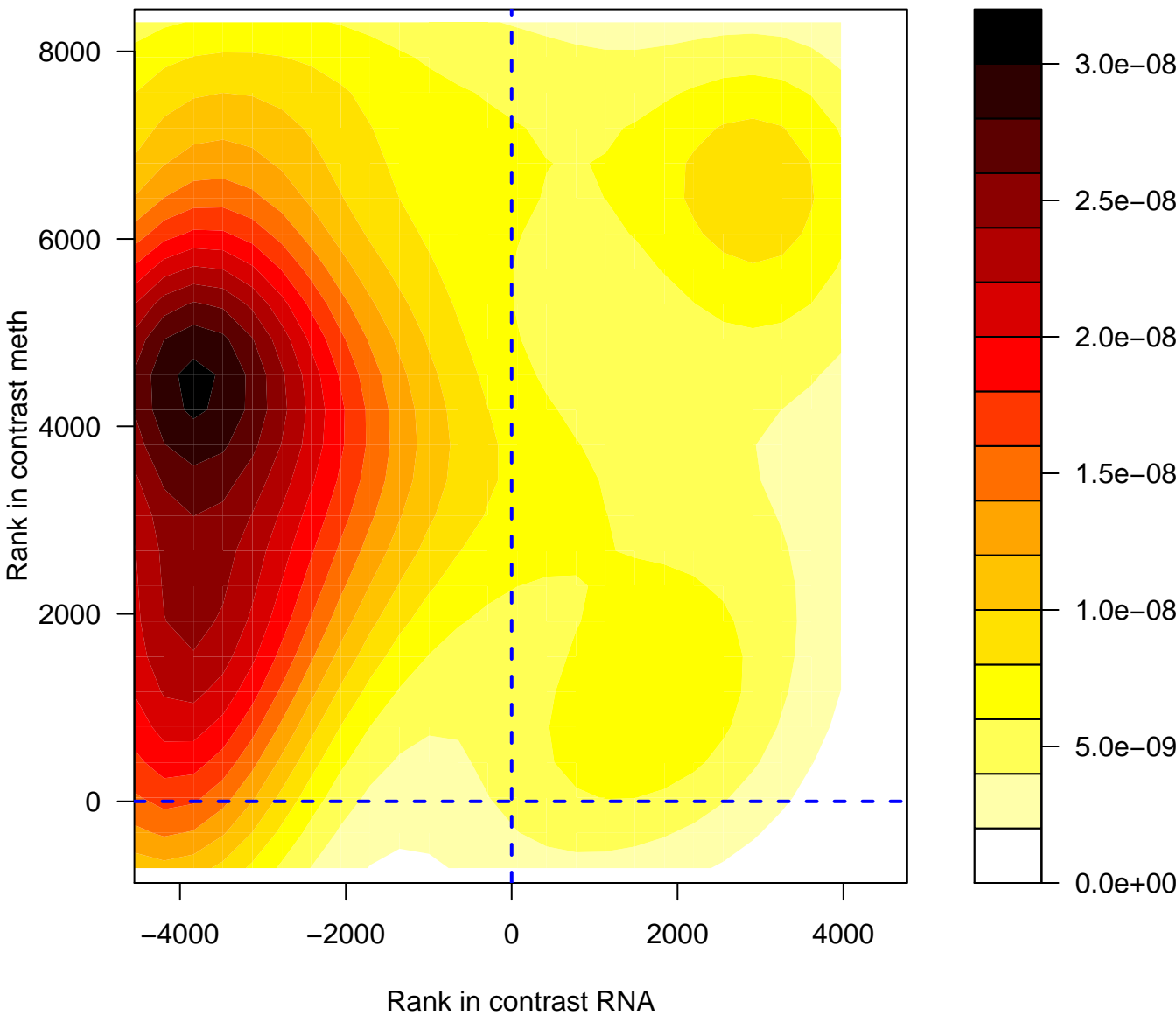
# Nonsense-Mediated Decay (NMD)



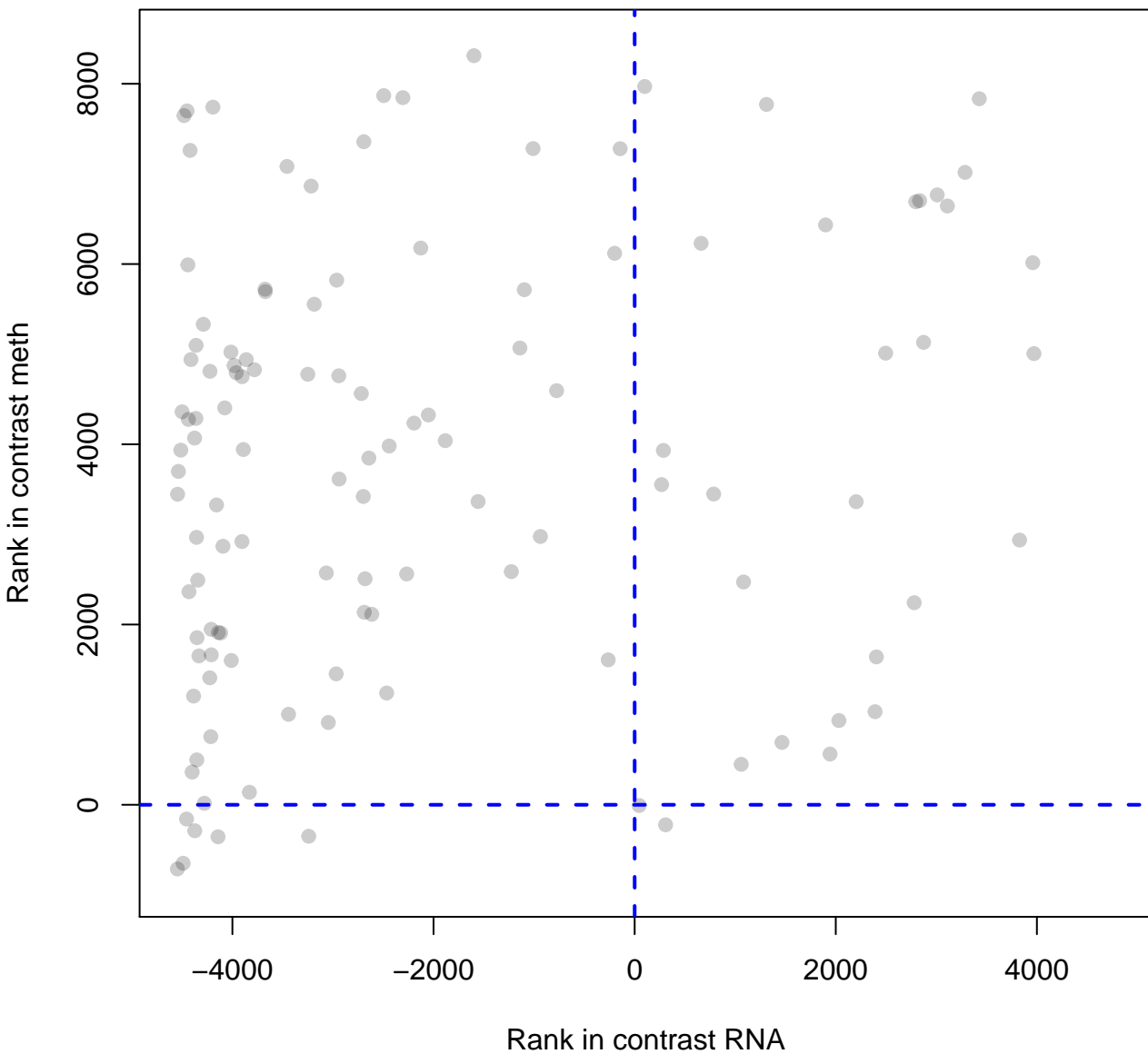
# Nonsense-Mediated Decay (NMD)



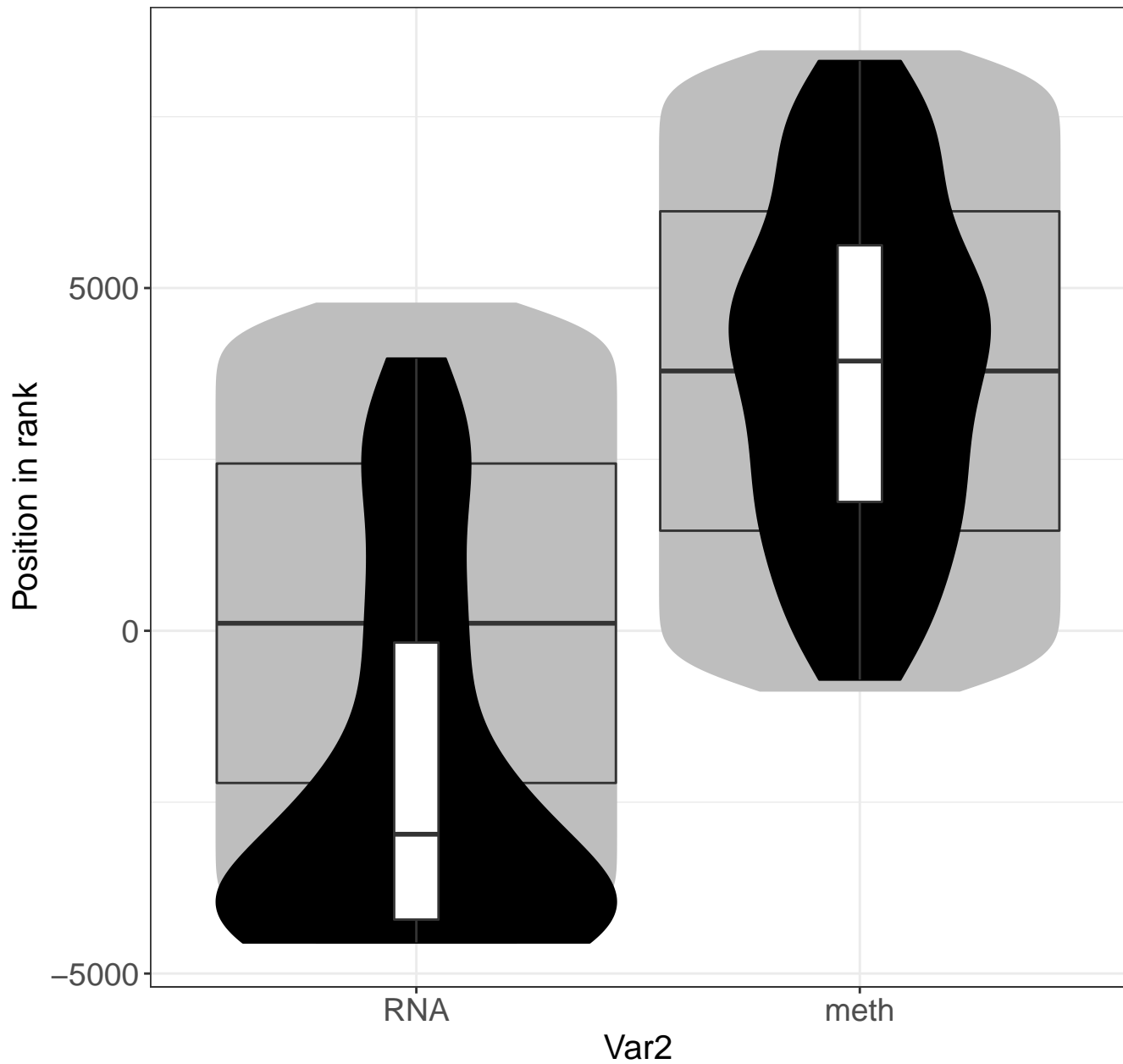
## Cellular response to starvation



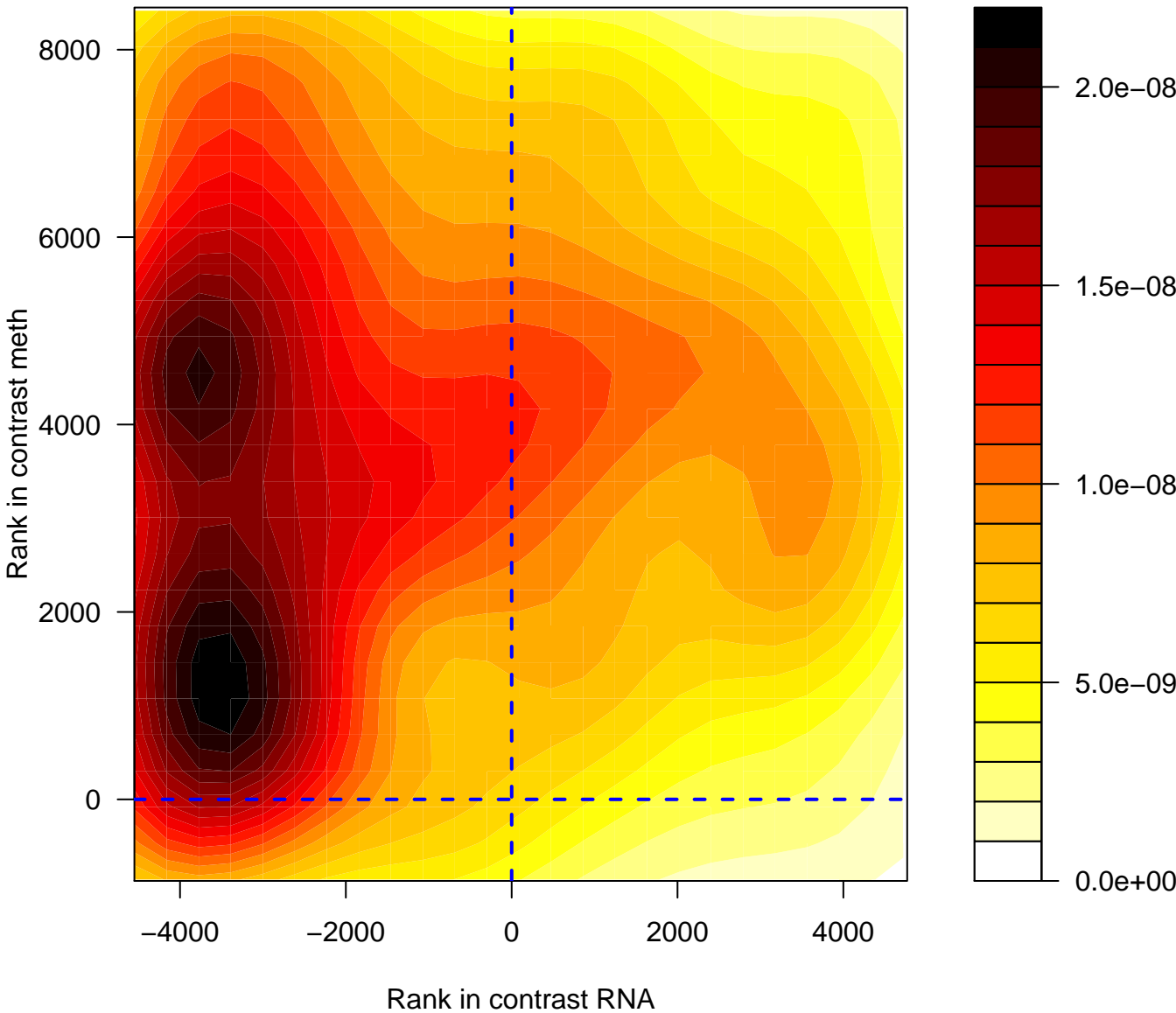
# Cellular response to starvation



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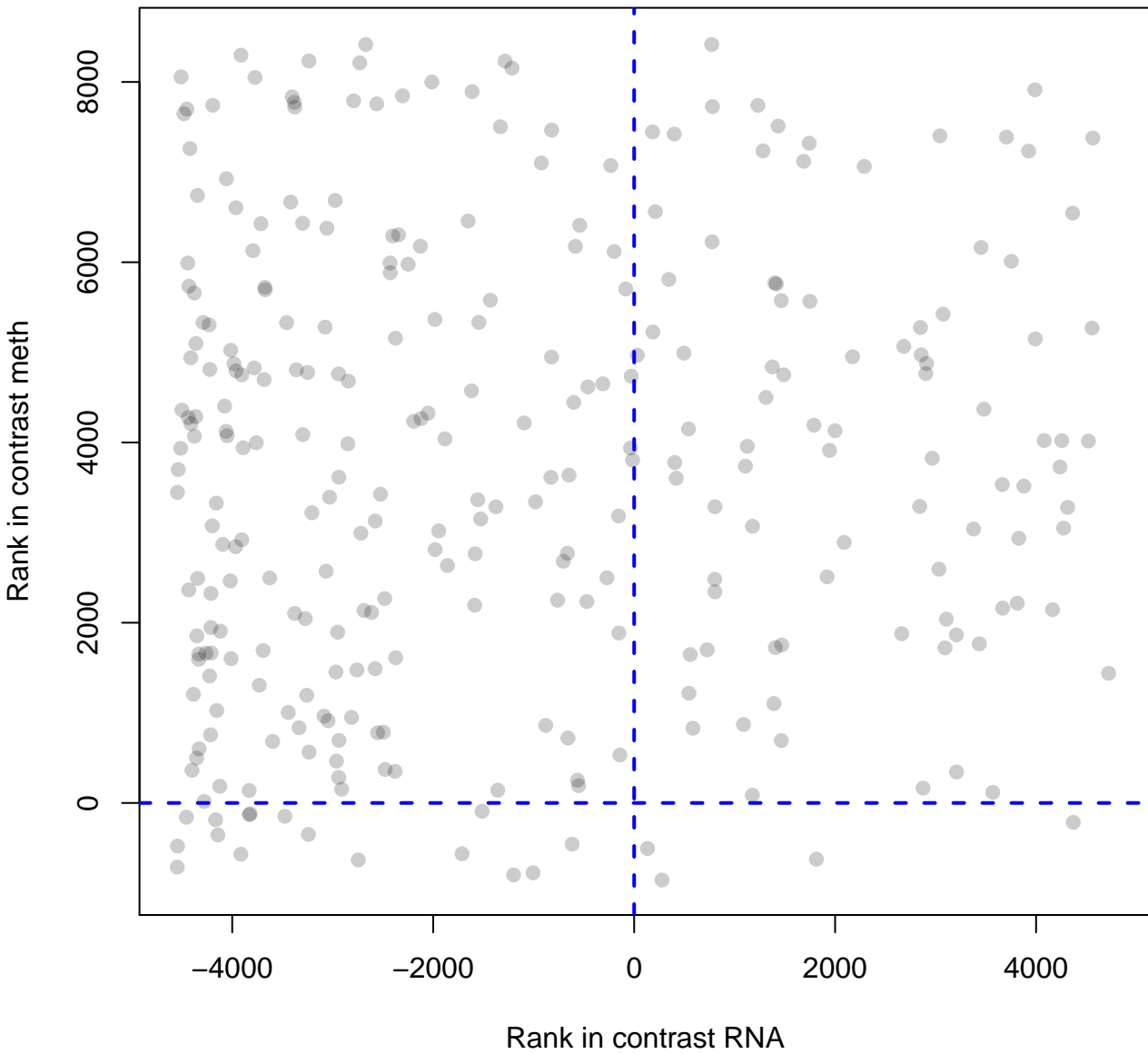


# Axon guidance

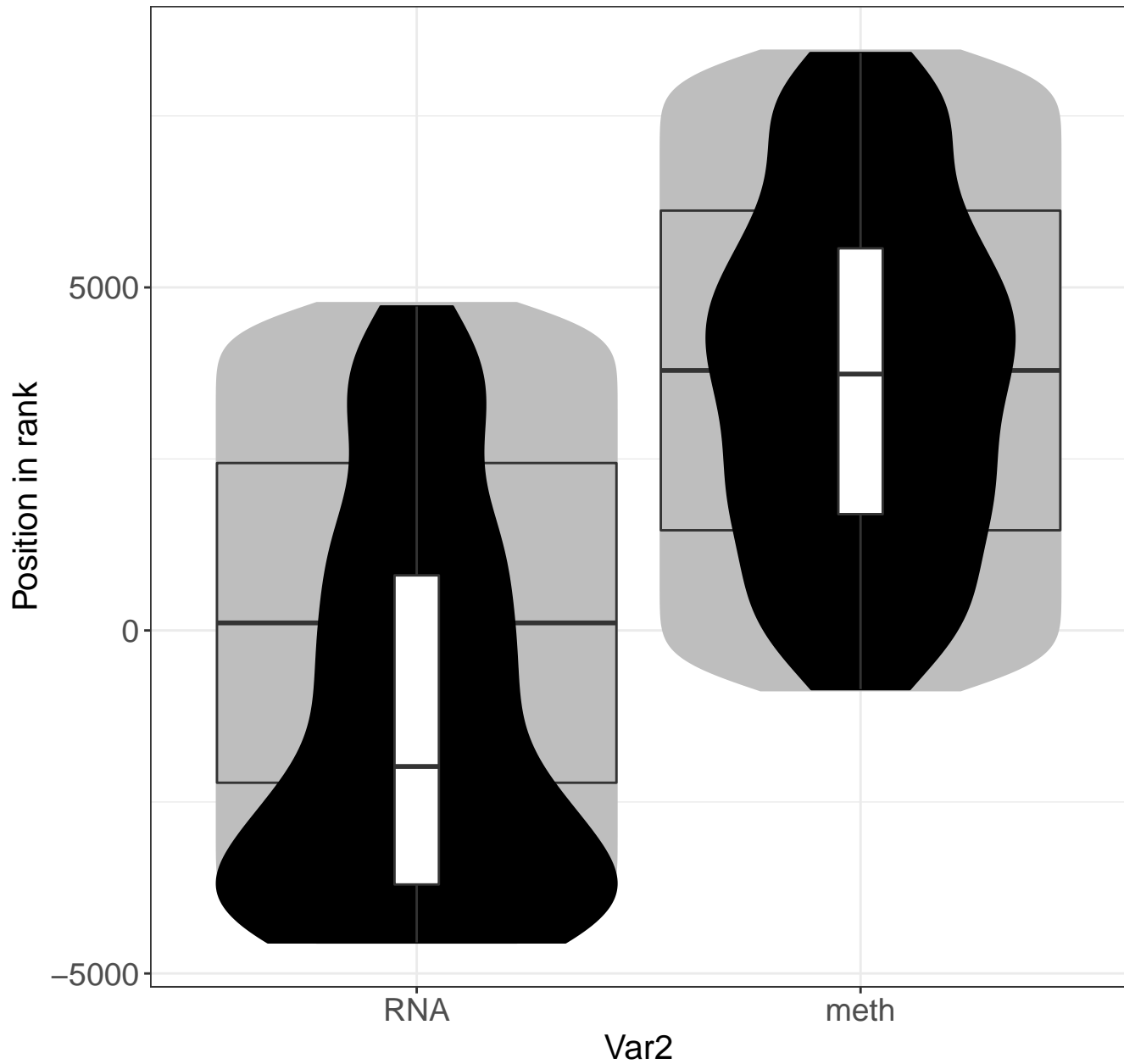




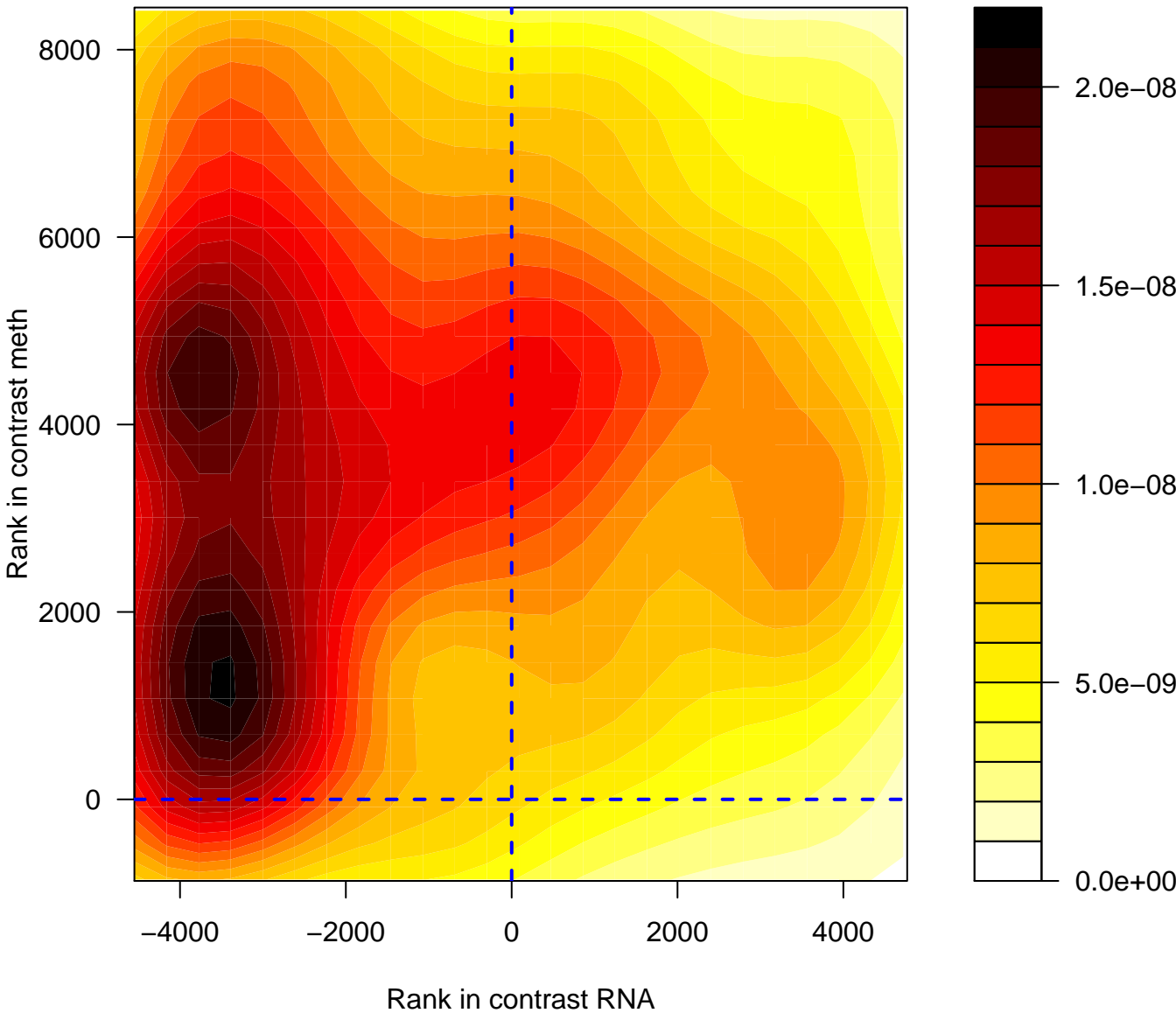
# Axon guidance



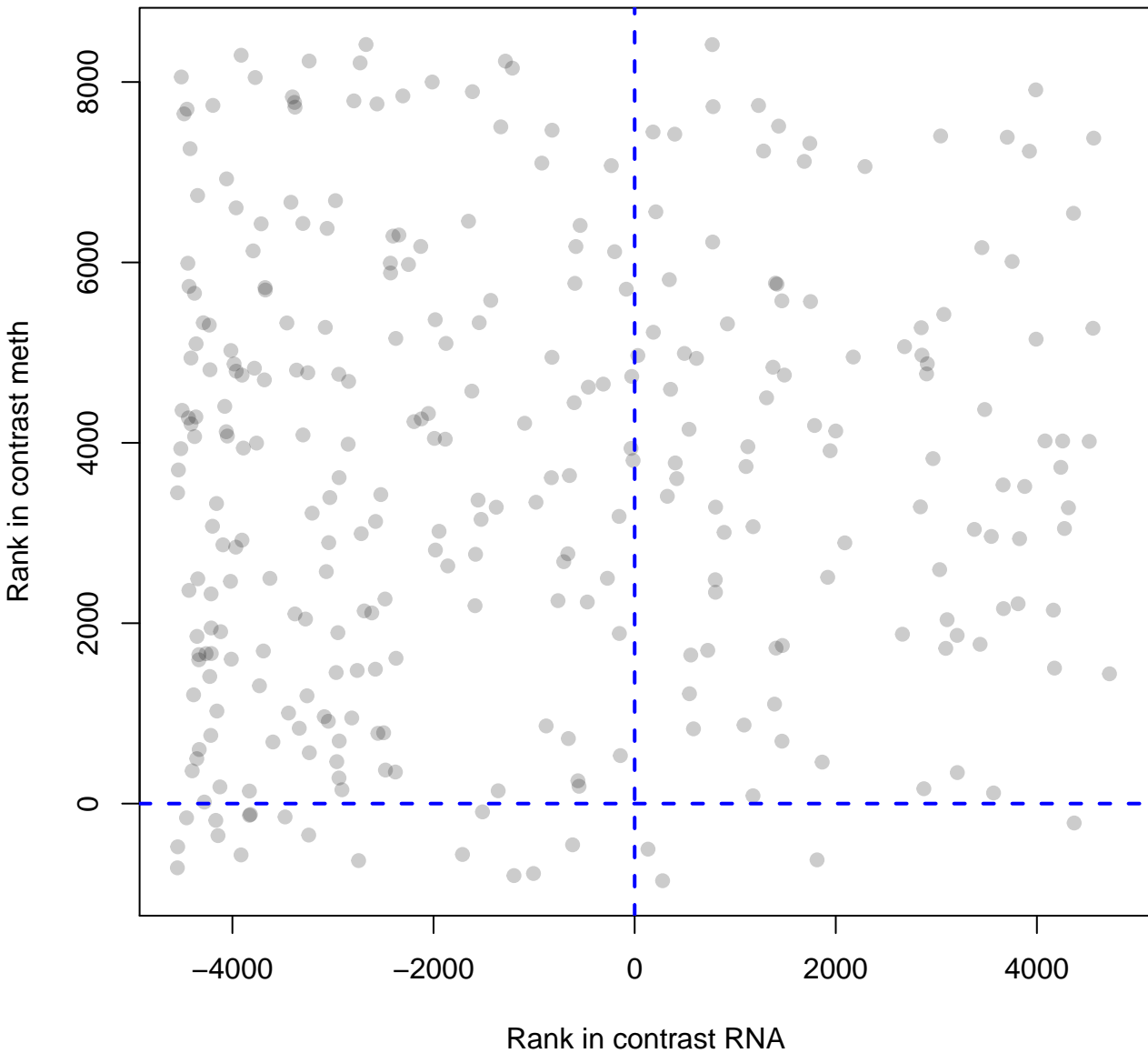
# Axon guidance



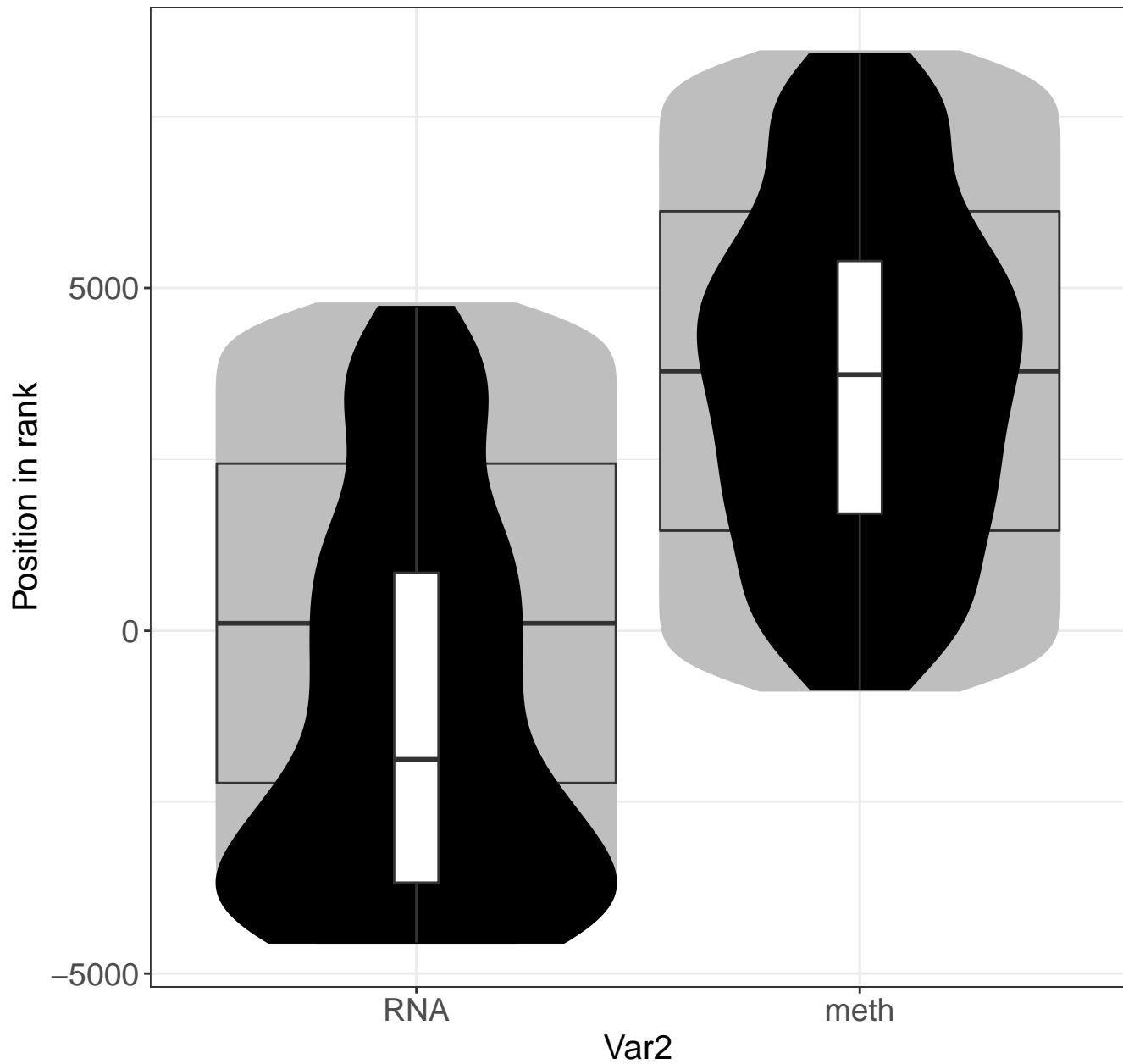
# Nervous system development



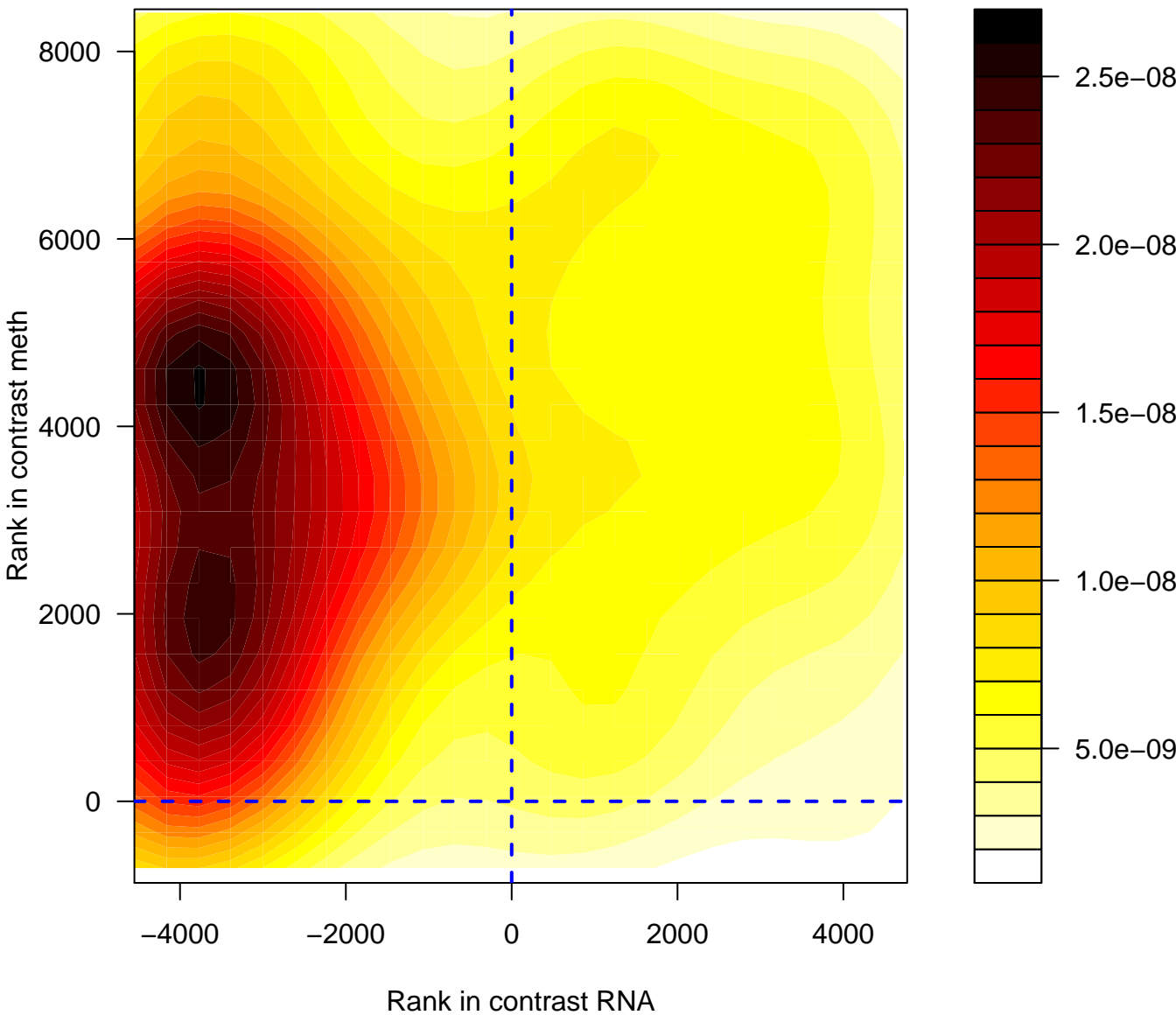
# Nervous system development



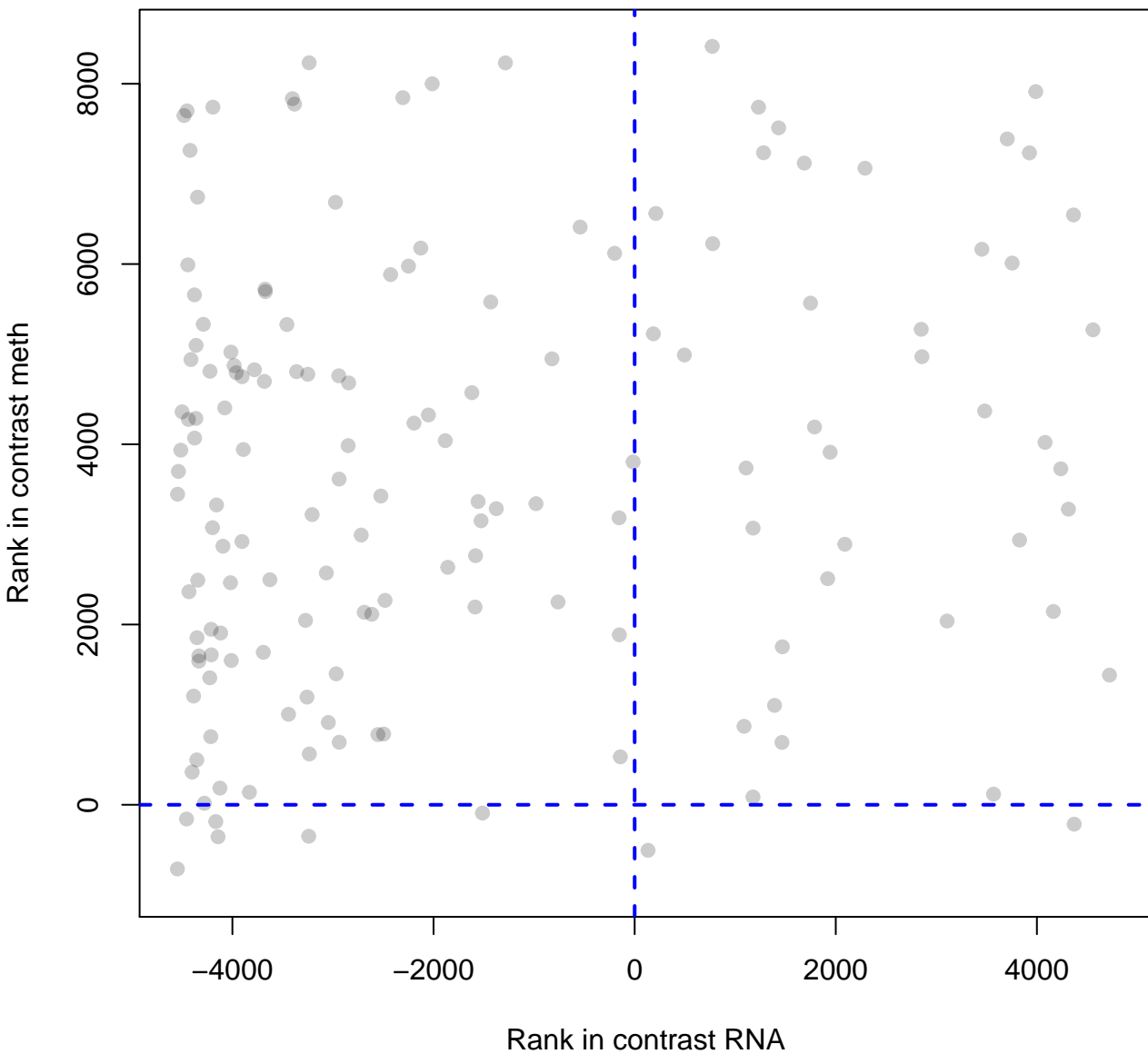
# Nervous system development



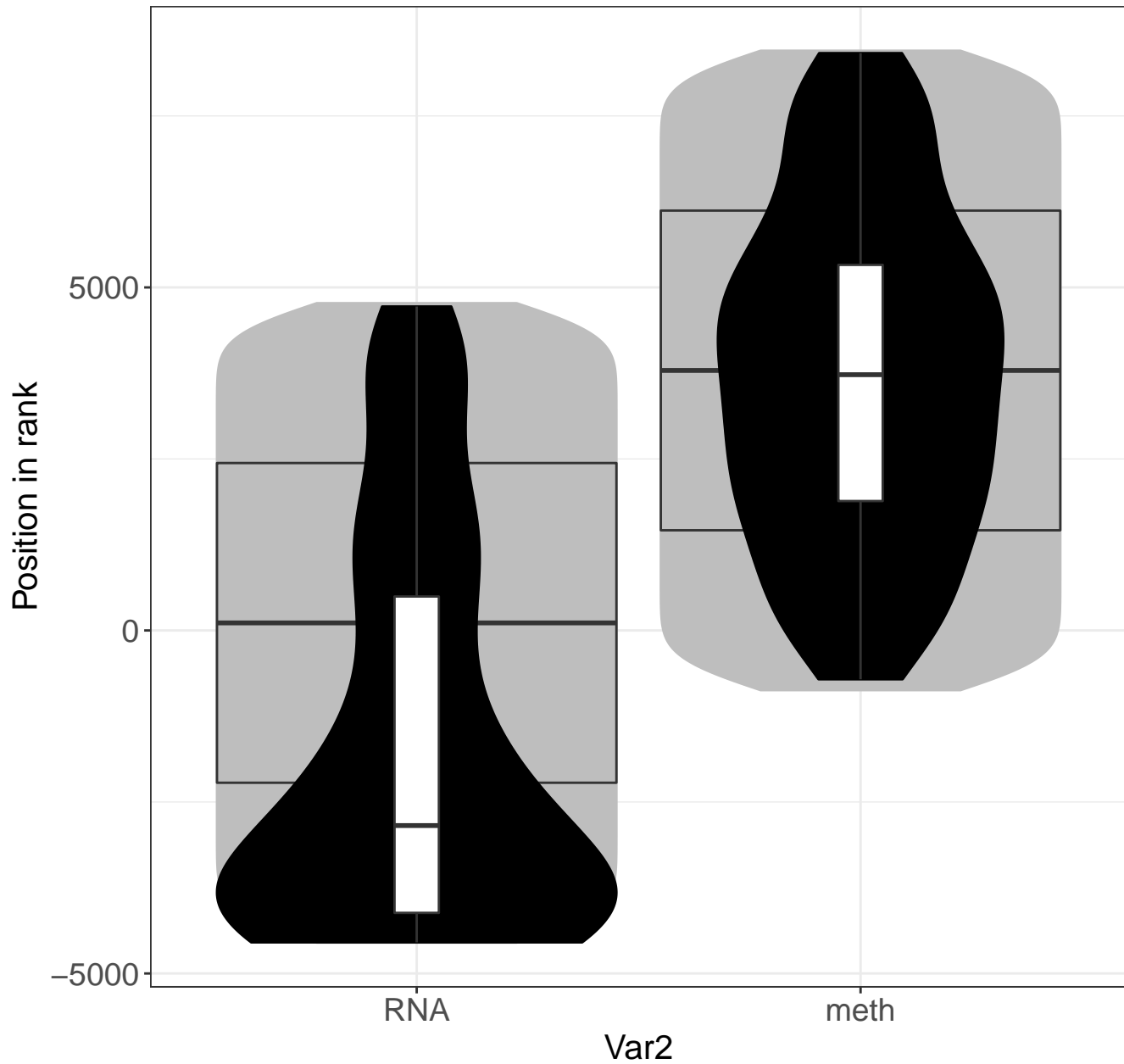
# Signaling by ROBO receptors



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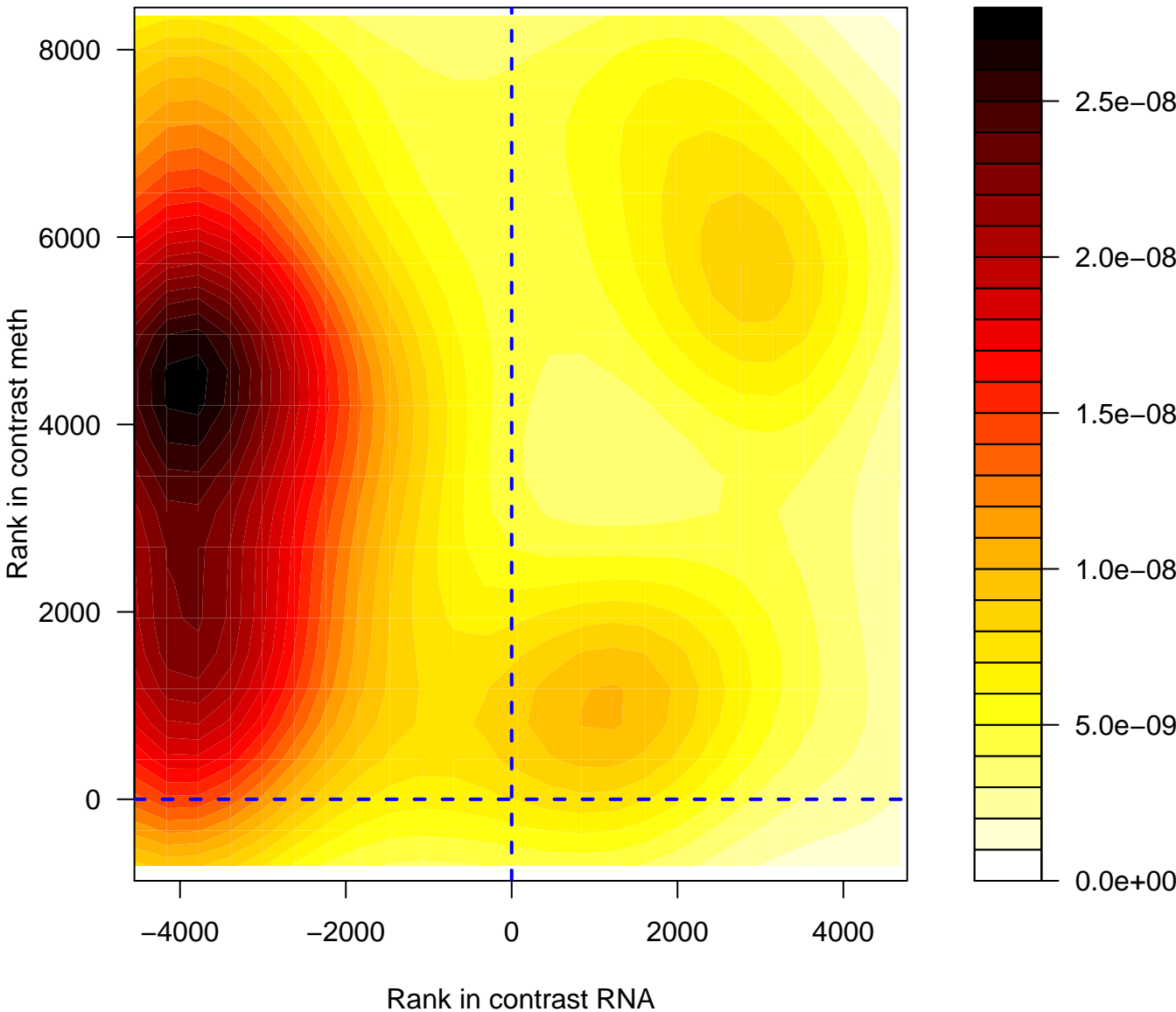


# Signaling by ROBO receptors

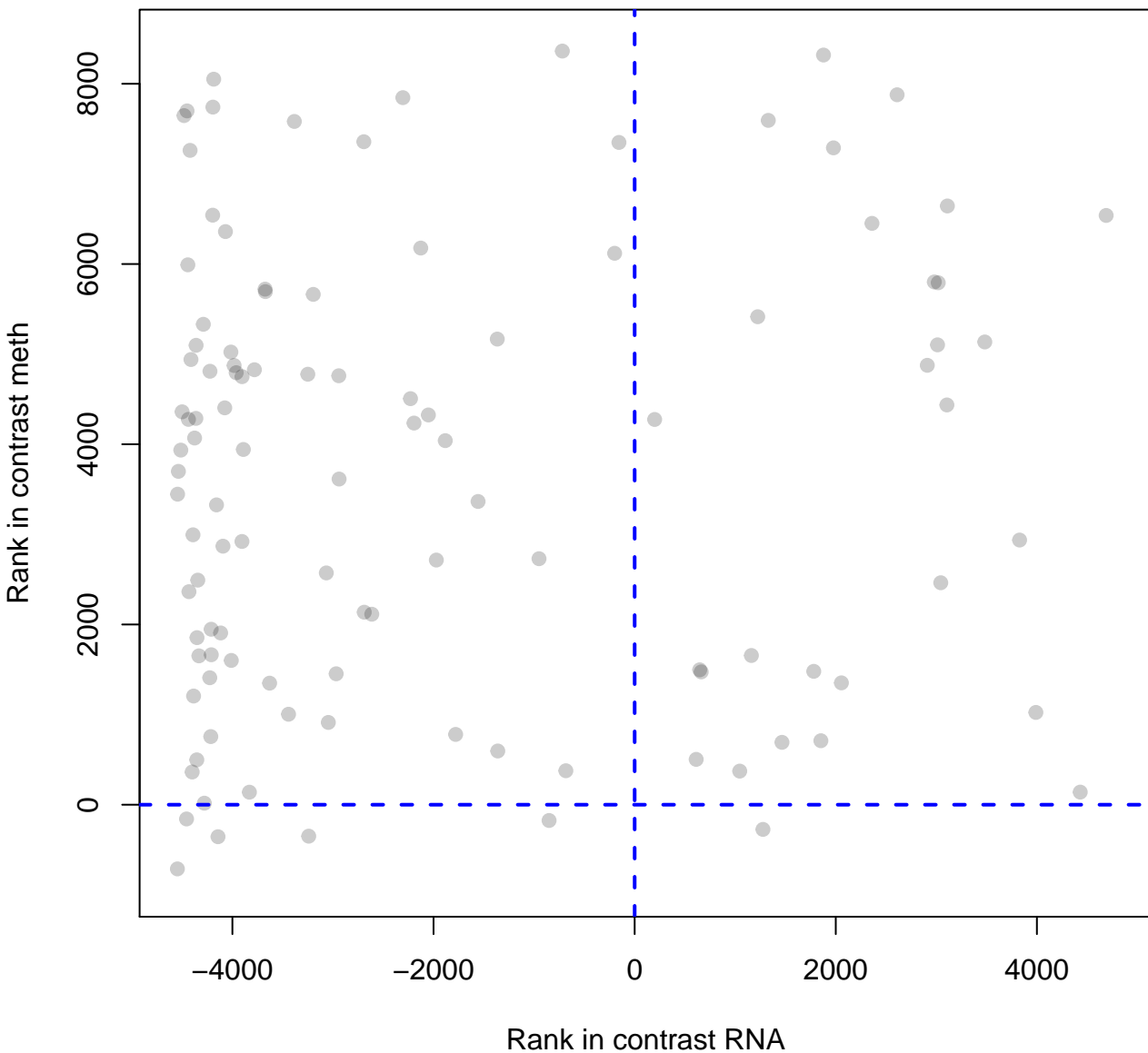




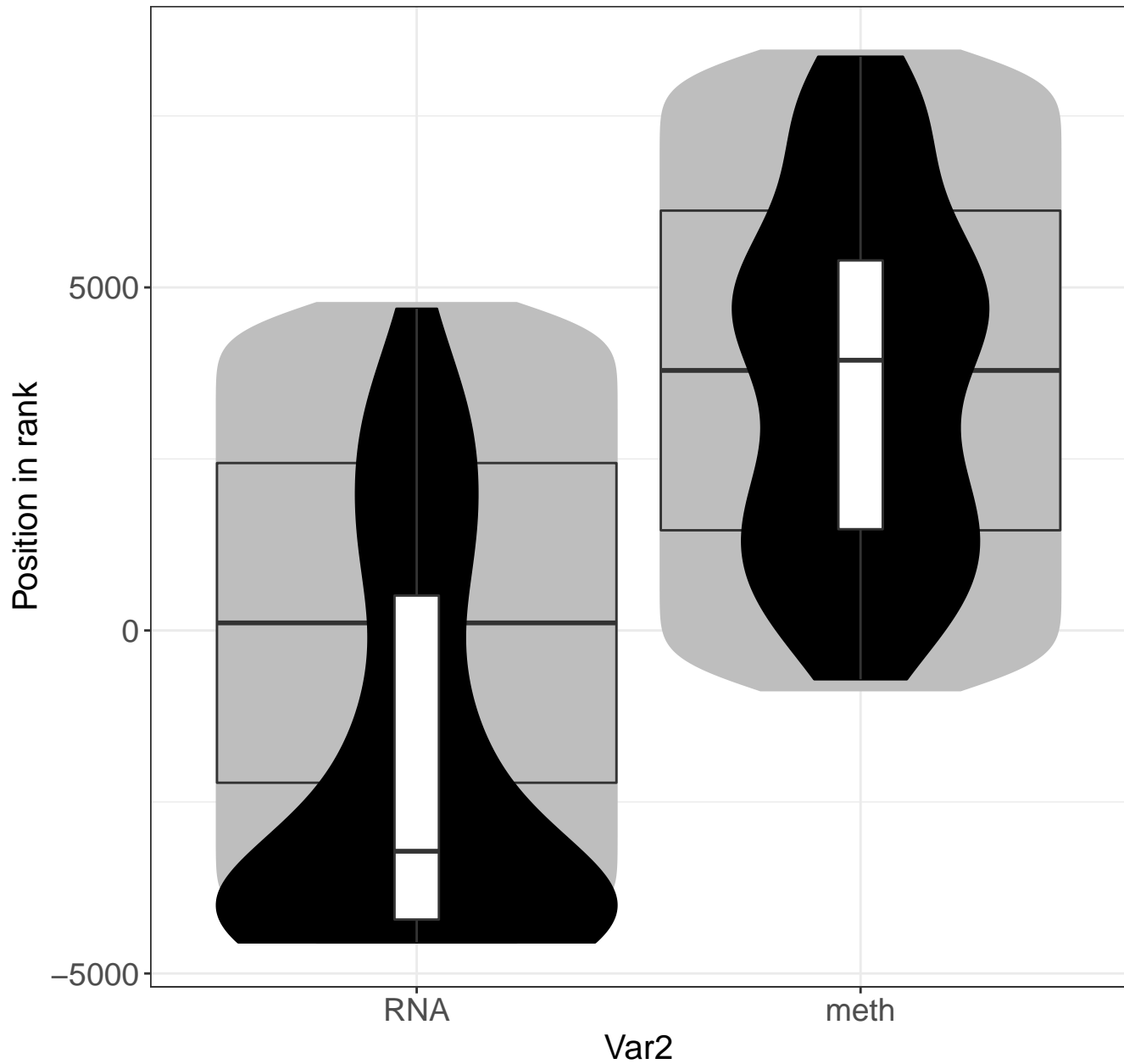
# Influenza Viral RNA Transcription and Replication



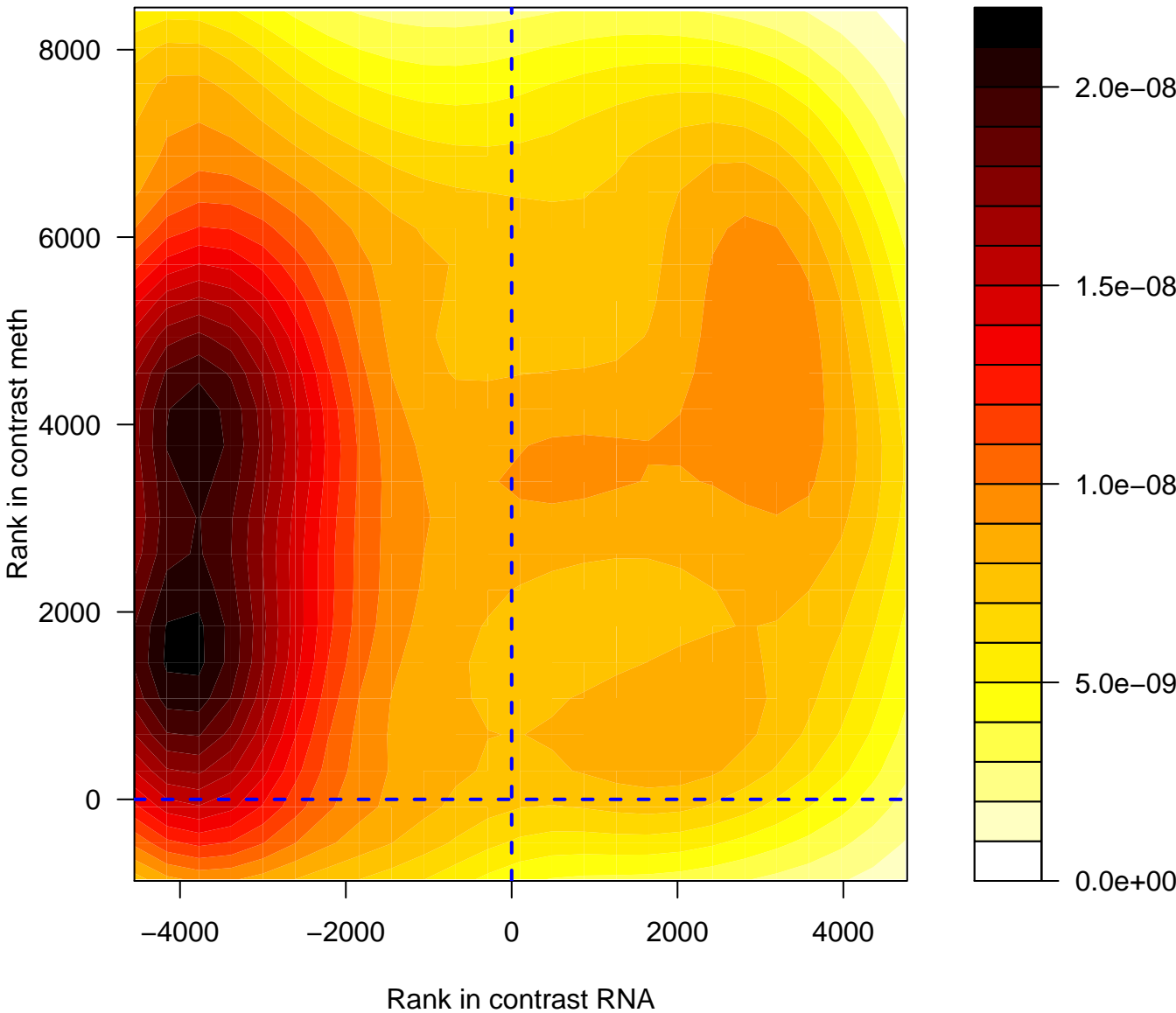
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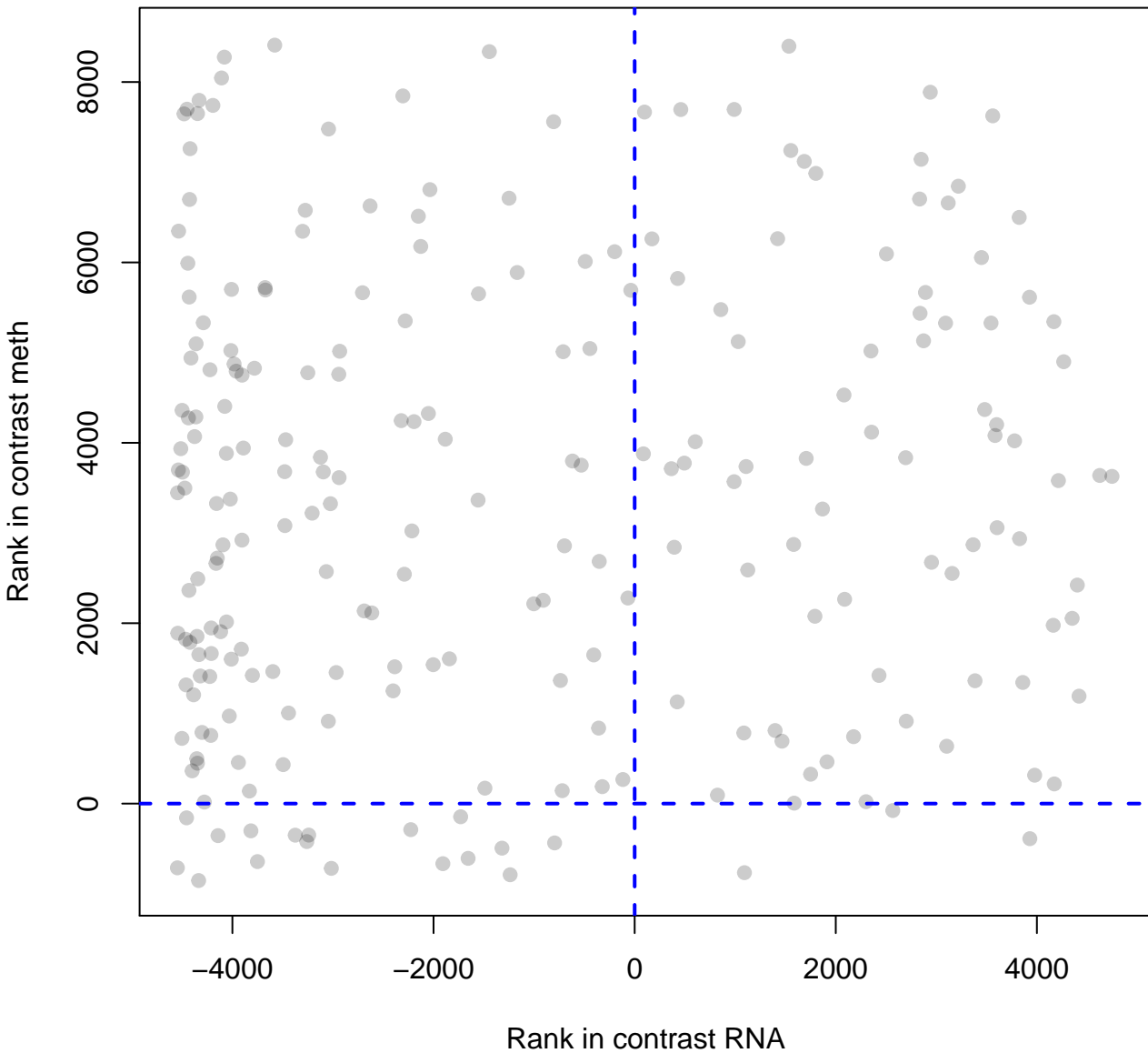
# Influenza Viral RNA Transcription and Replication



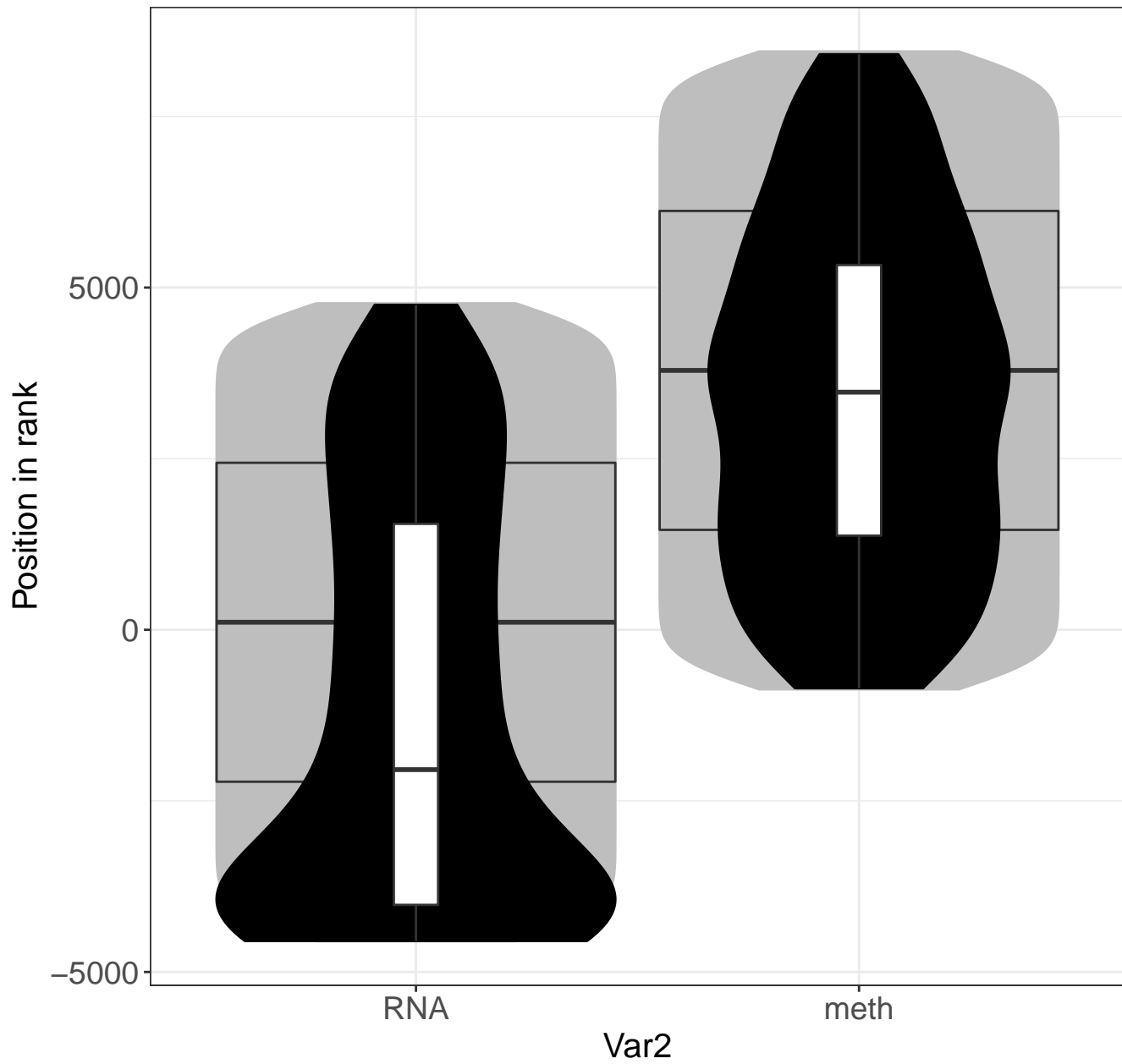
# Translation



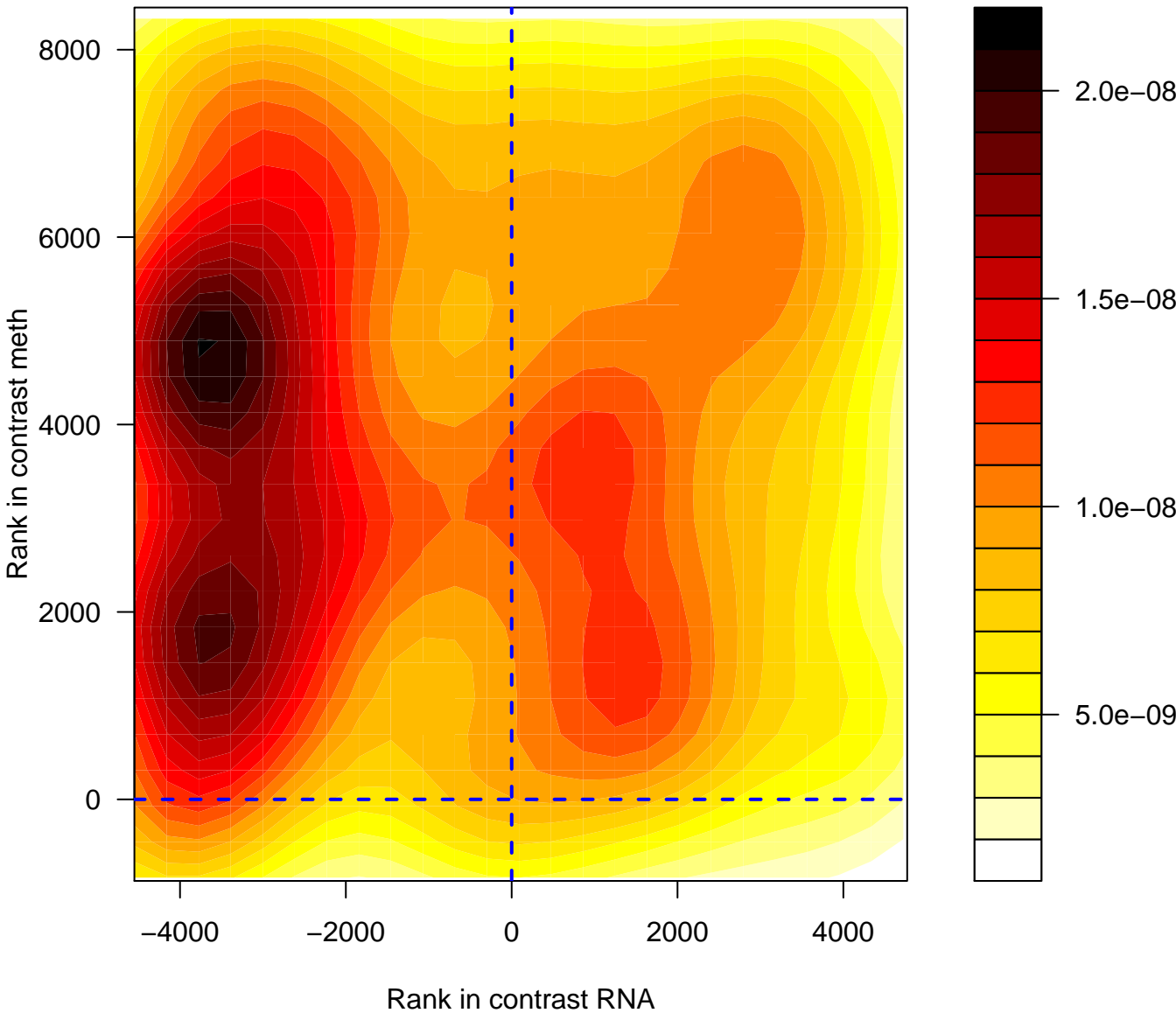
# Translation



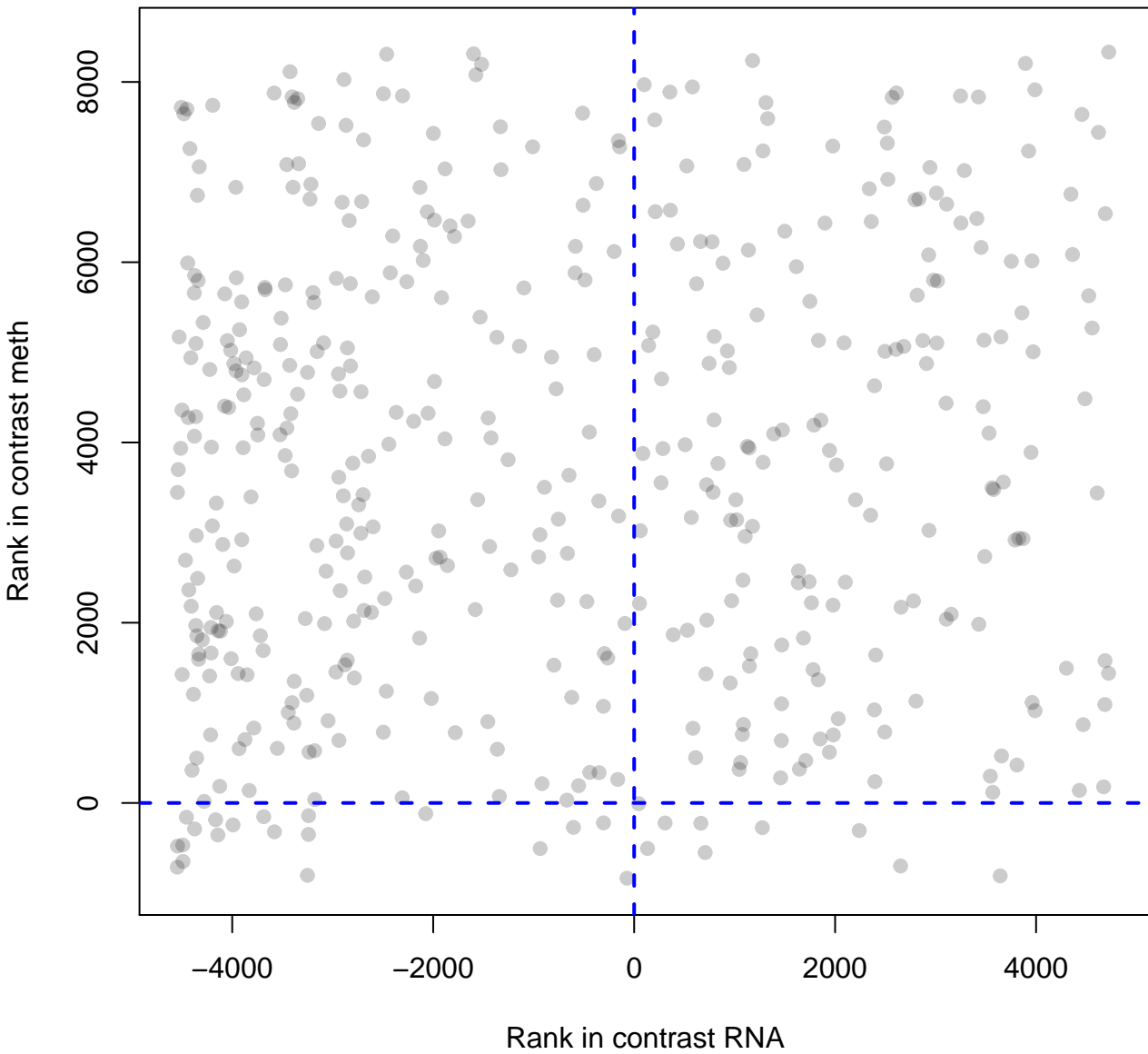
# Translation



# Cellular responses to external stimuli

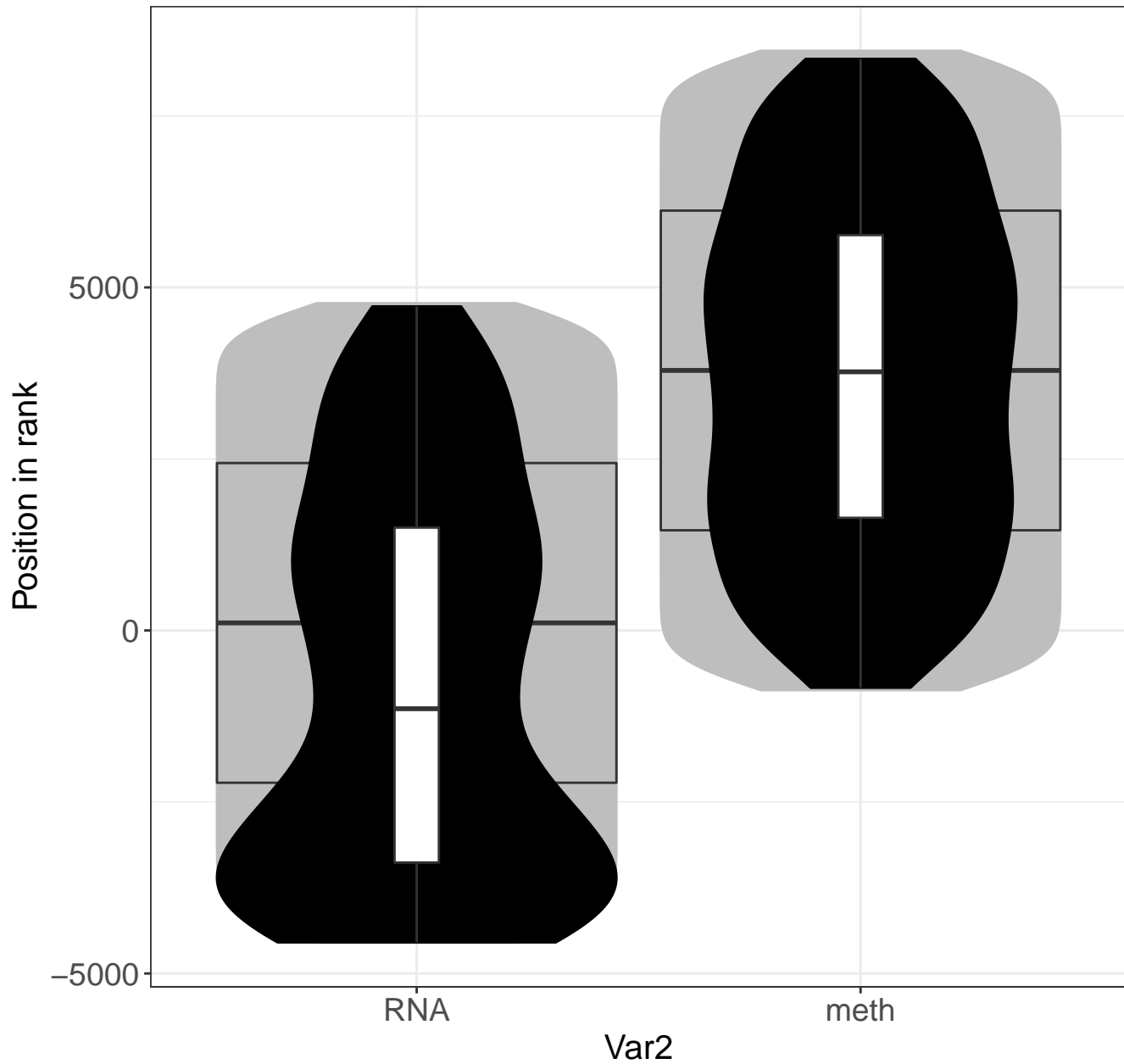


# Cellular responses to external stimuli

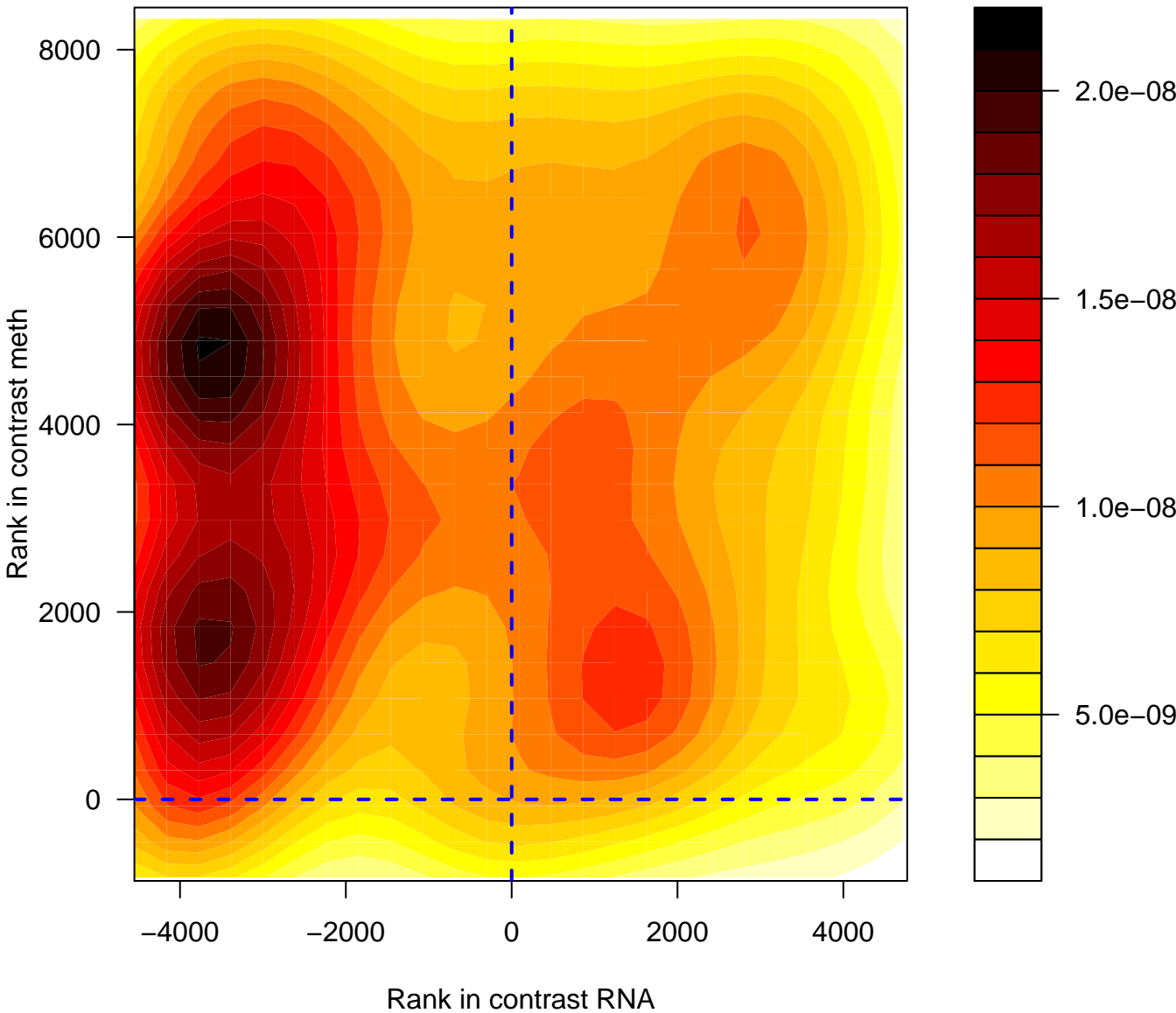




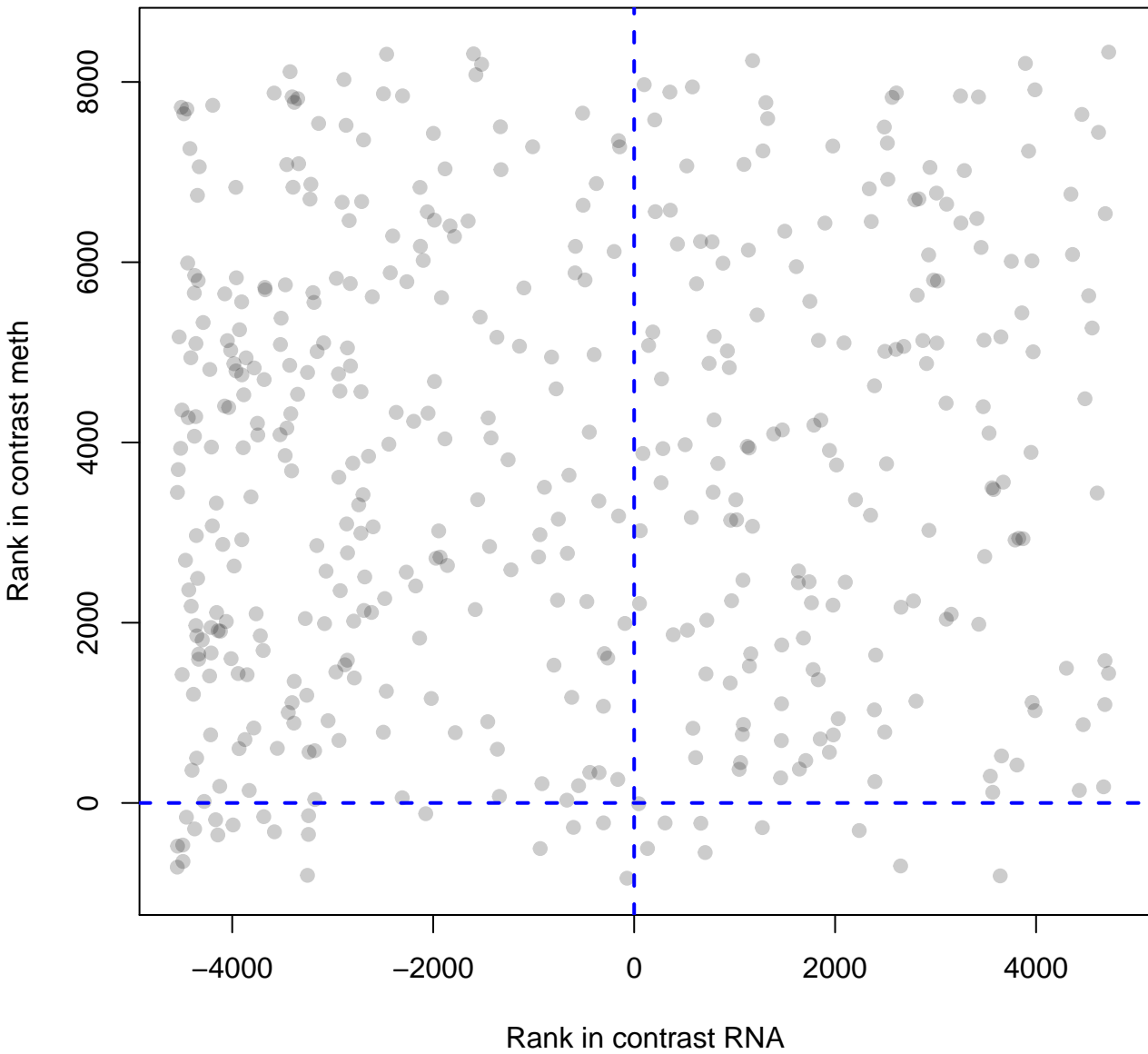
# Cellular responses to external stimuli



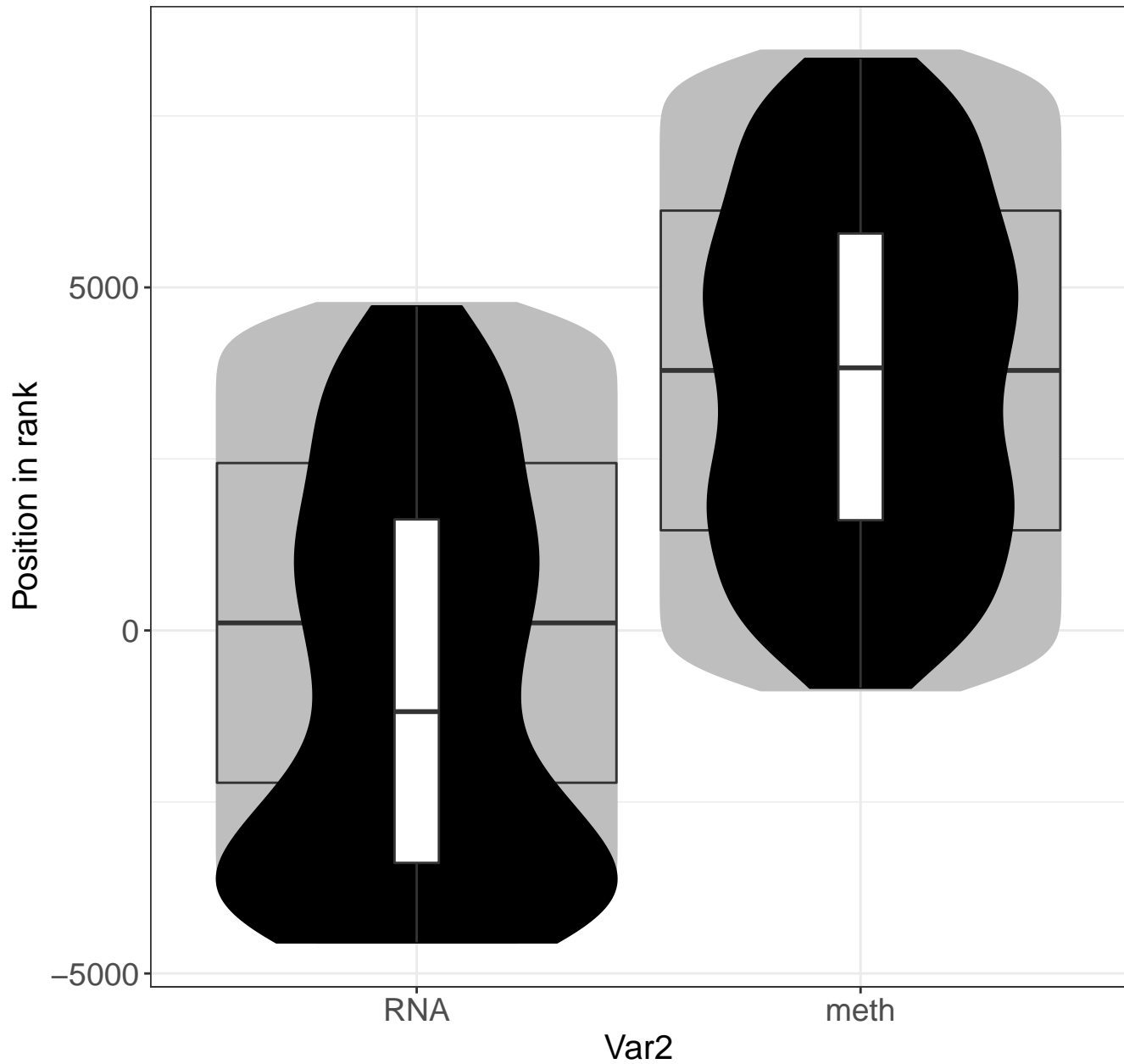
# Cellular responses to stress



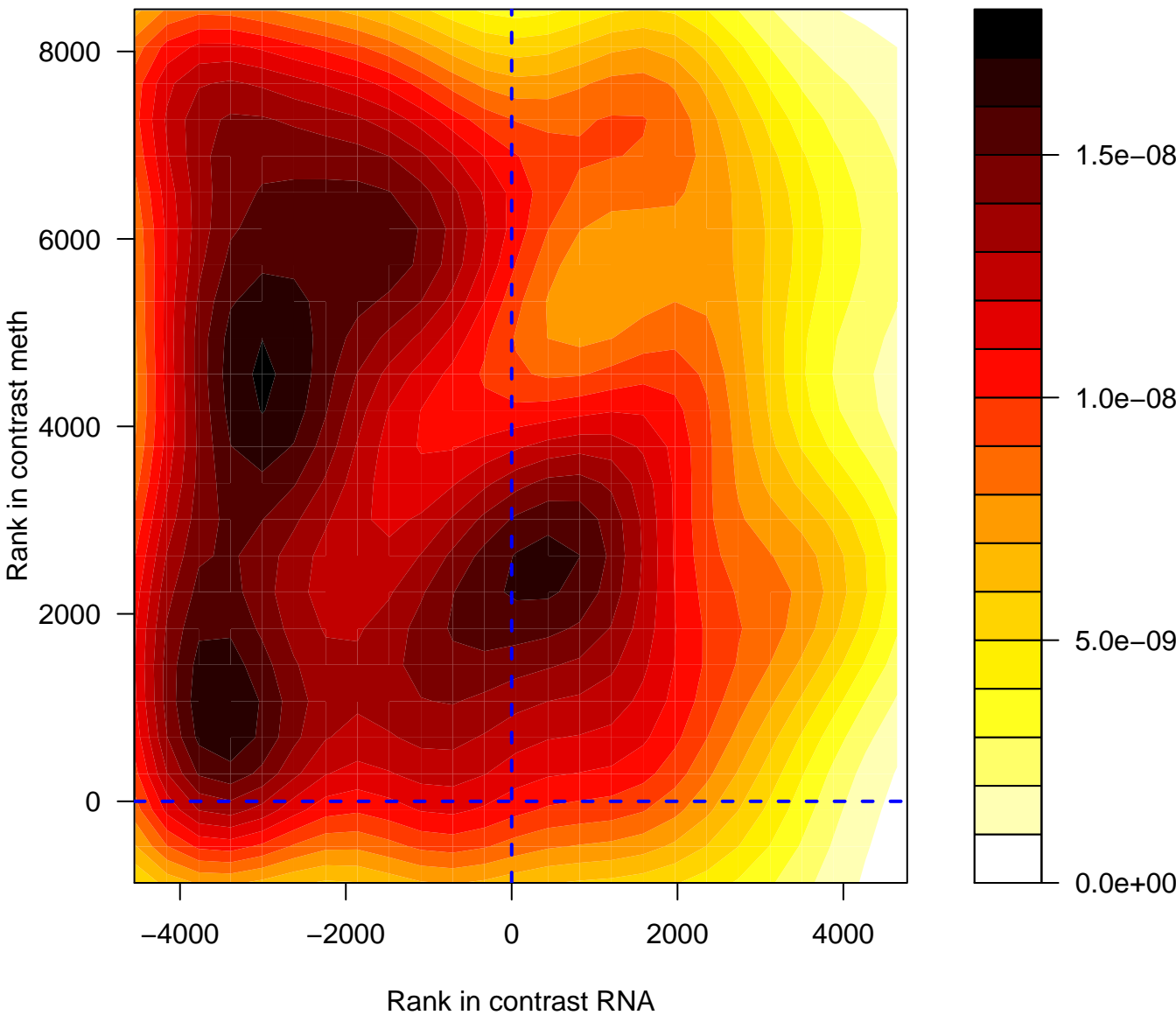
# Cellular responses to stress



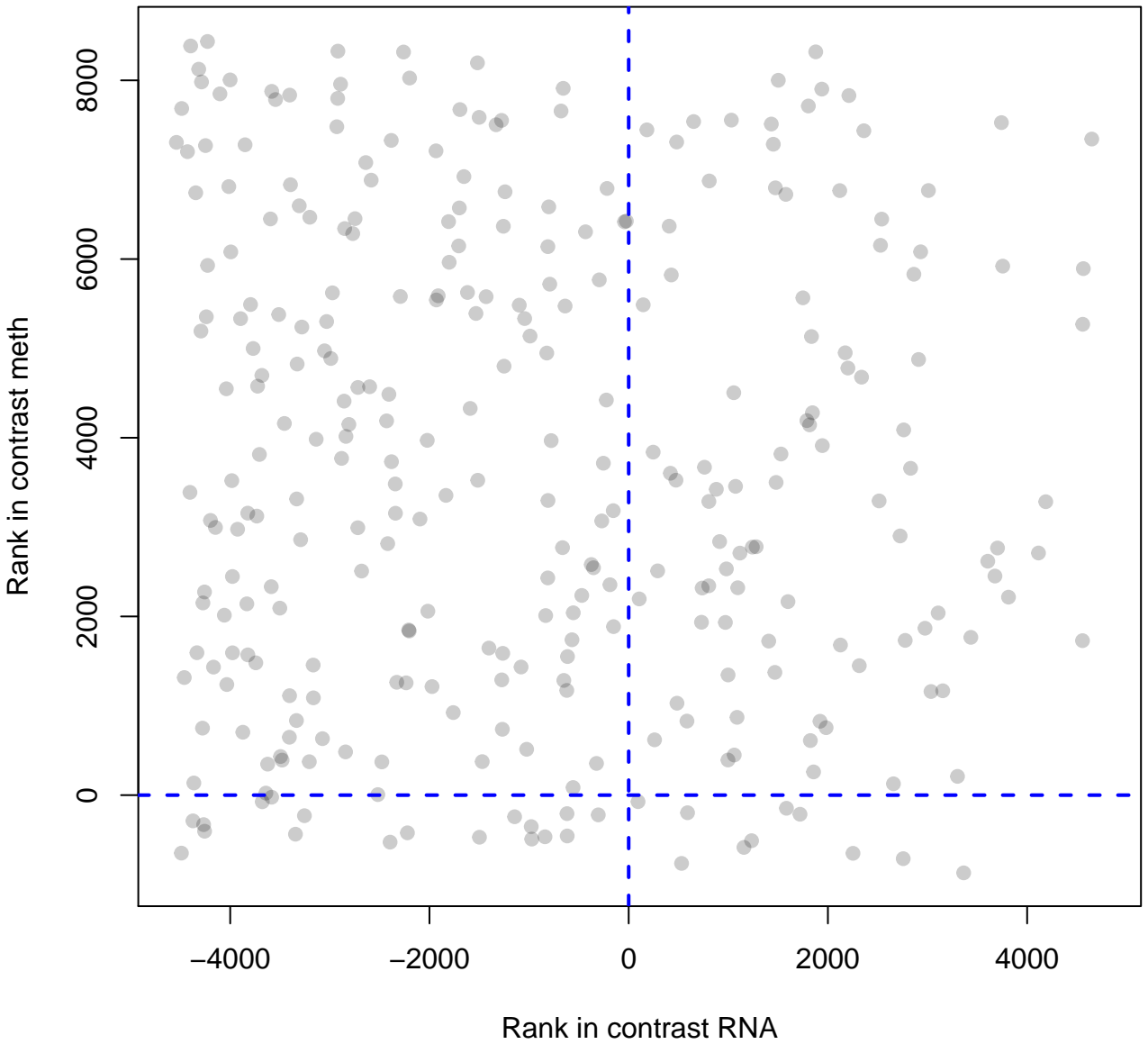
# Cellular responses to stress



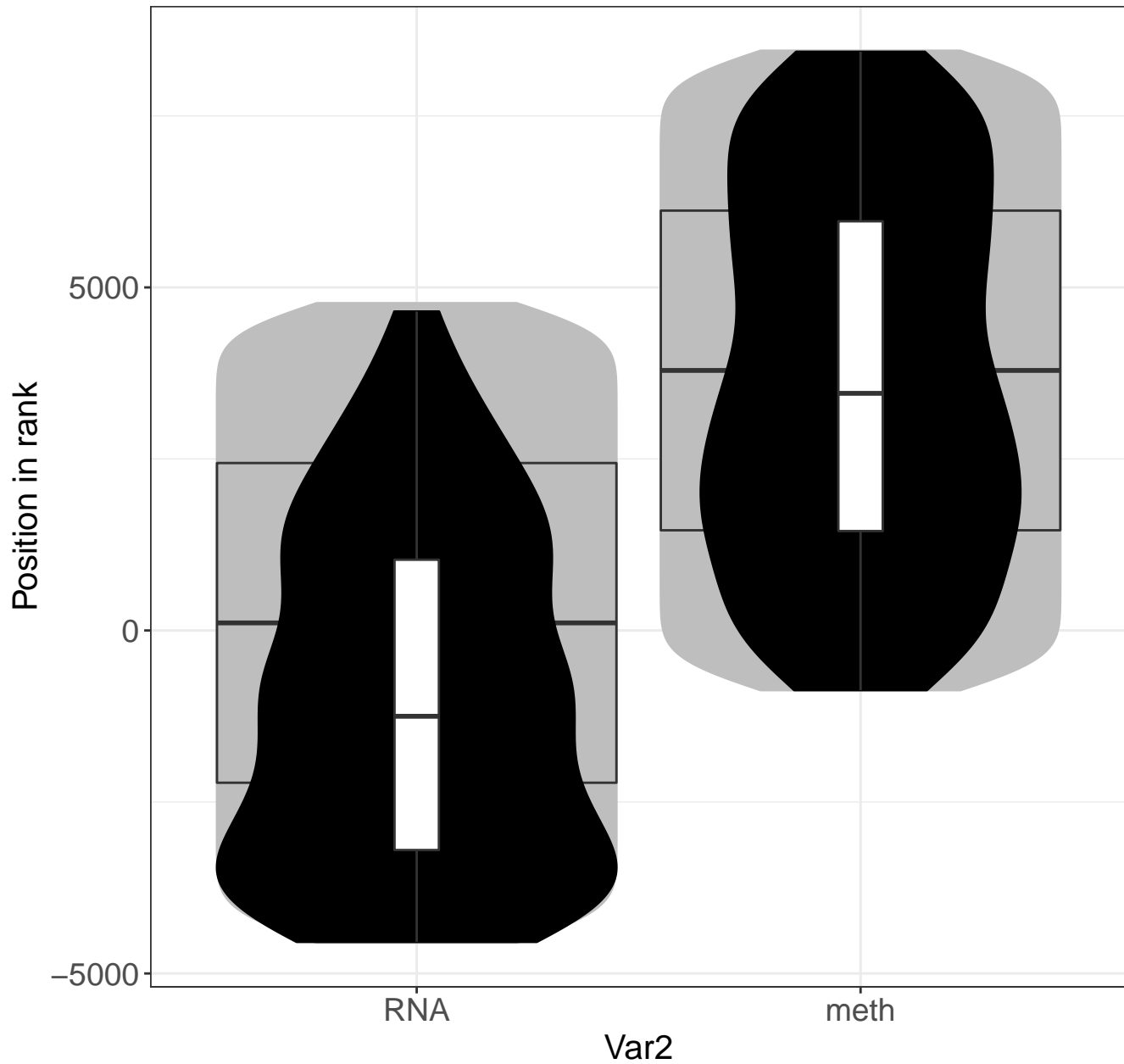
# Neutrophil degranulation



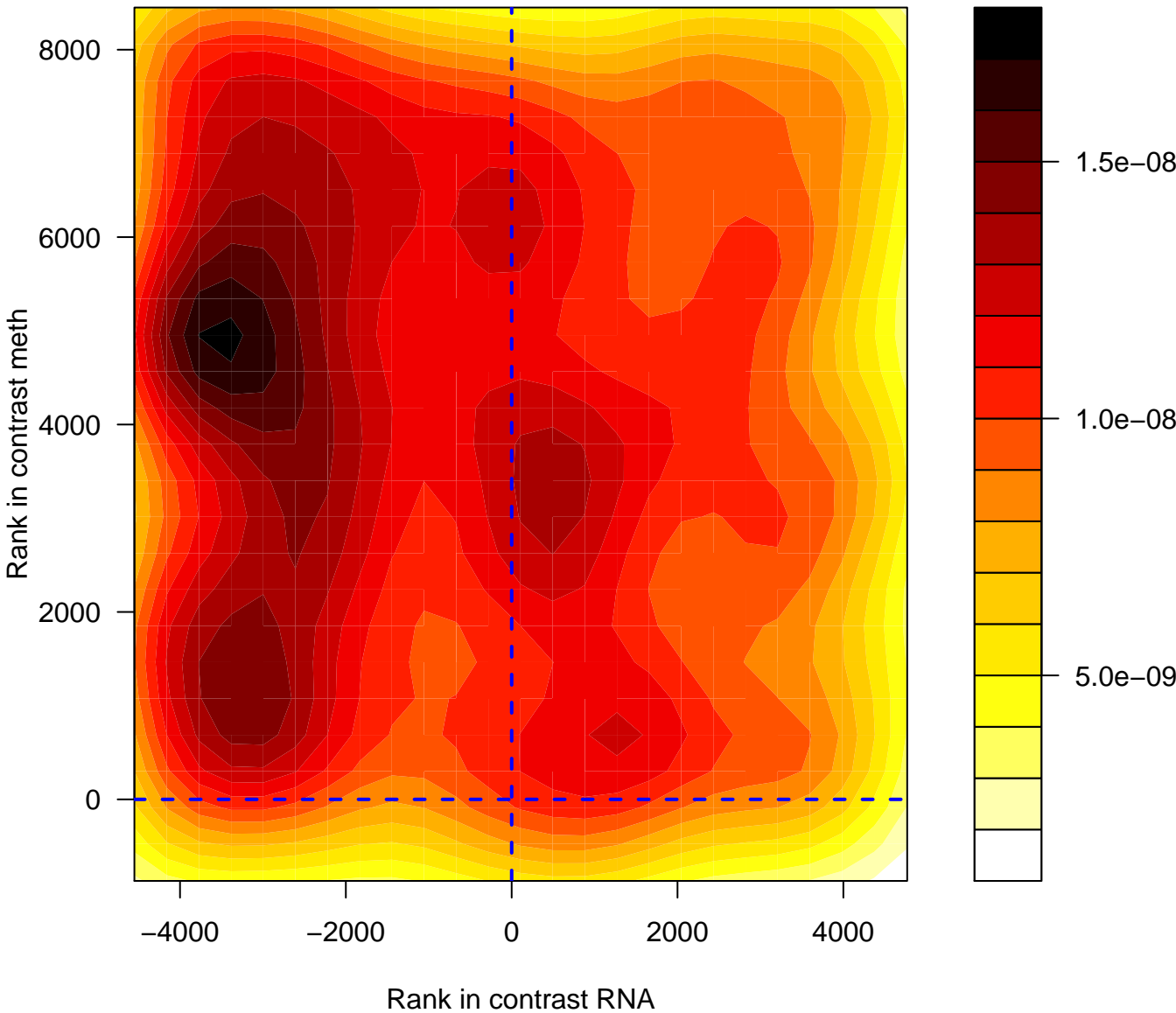
# Neutrophil degranulation



# Neutrophil degranulation

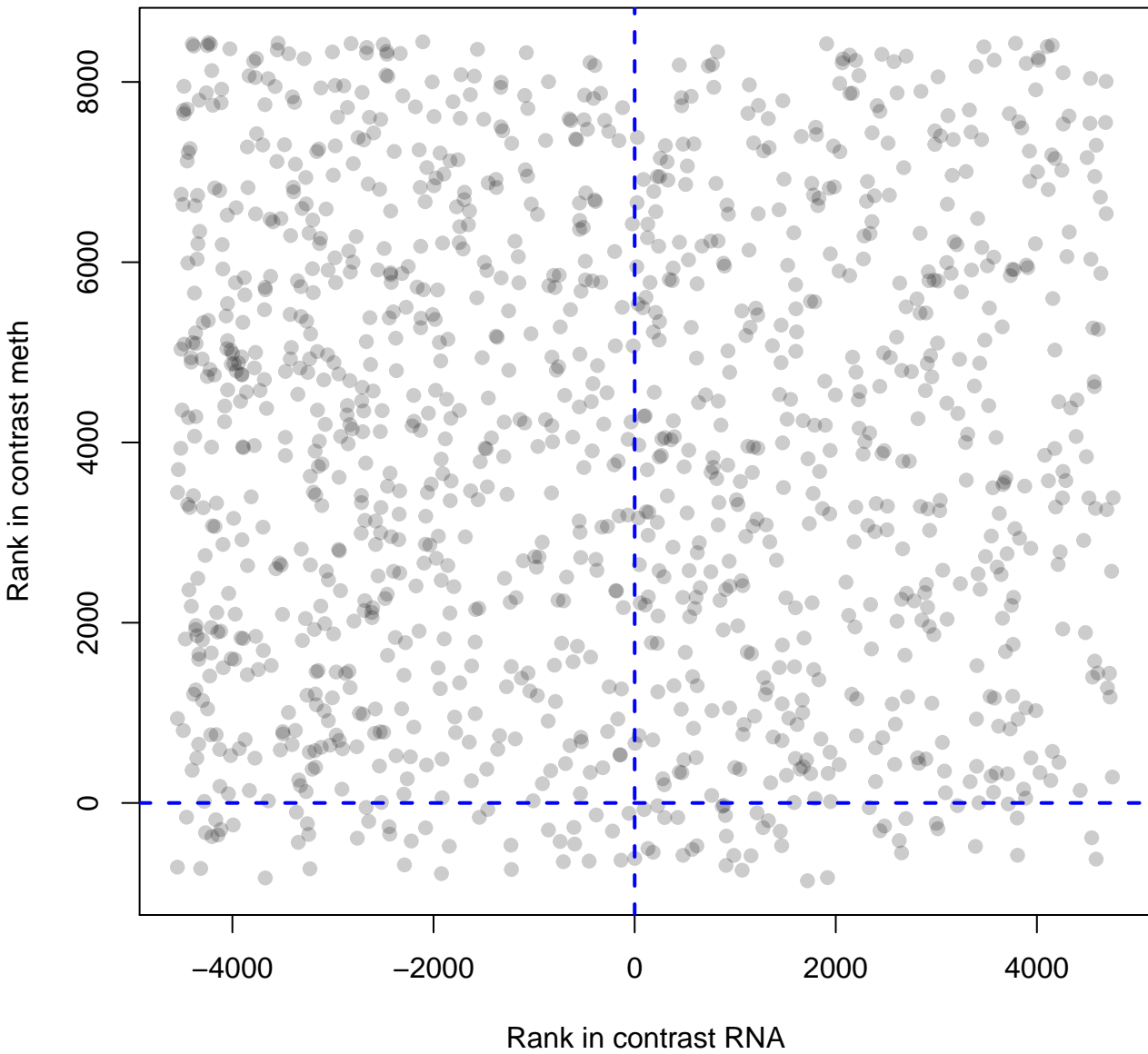


# Metabolism

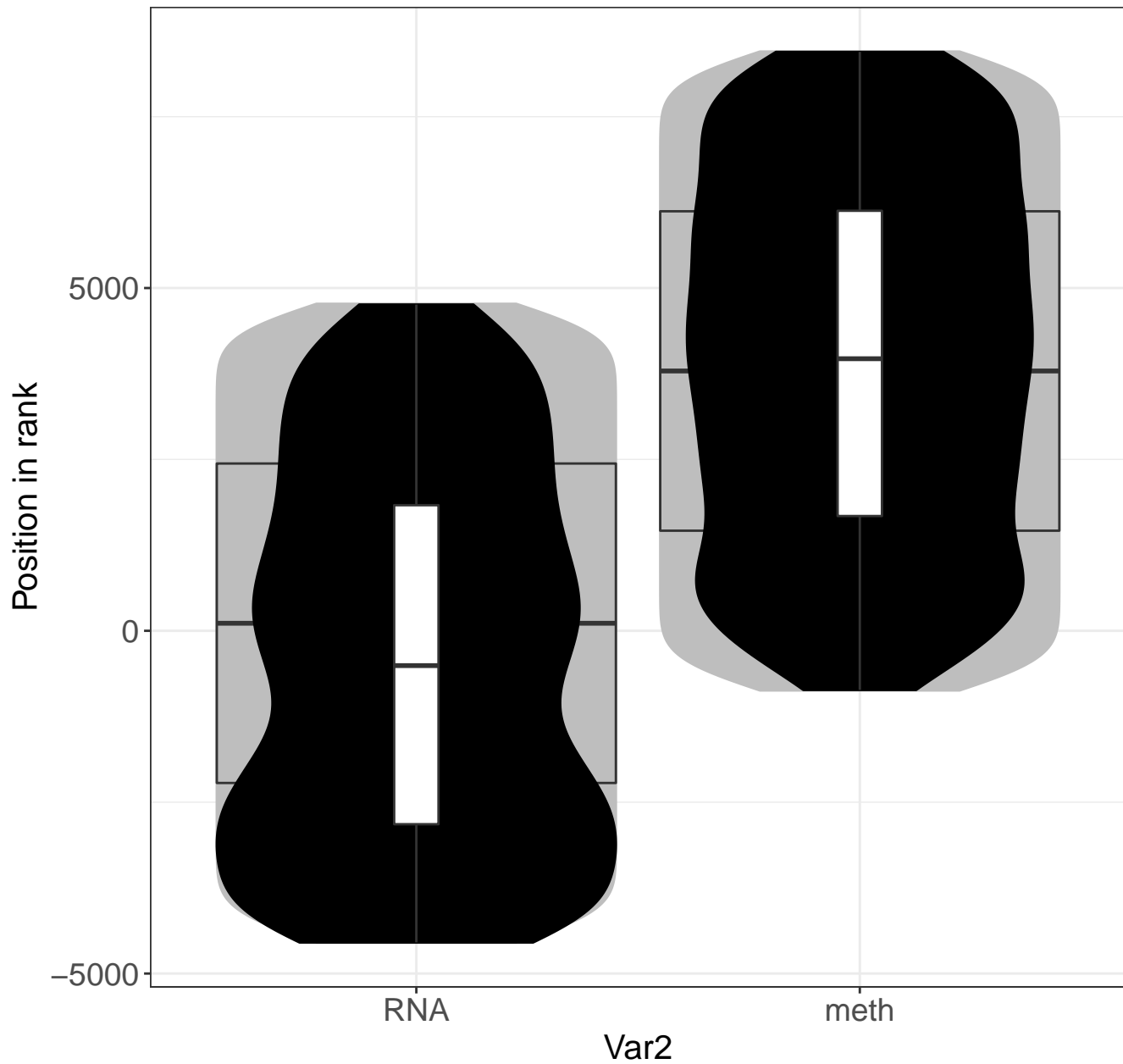




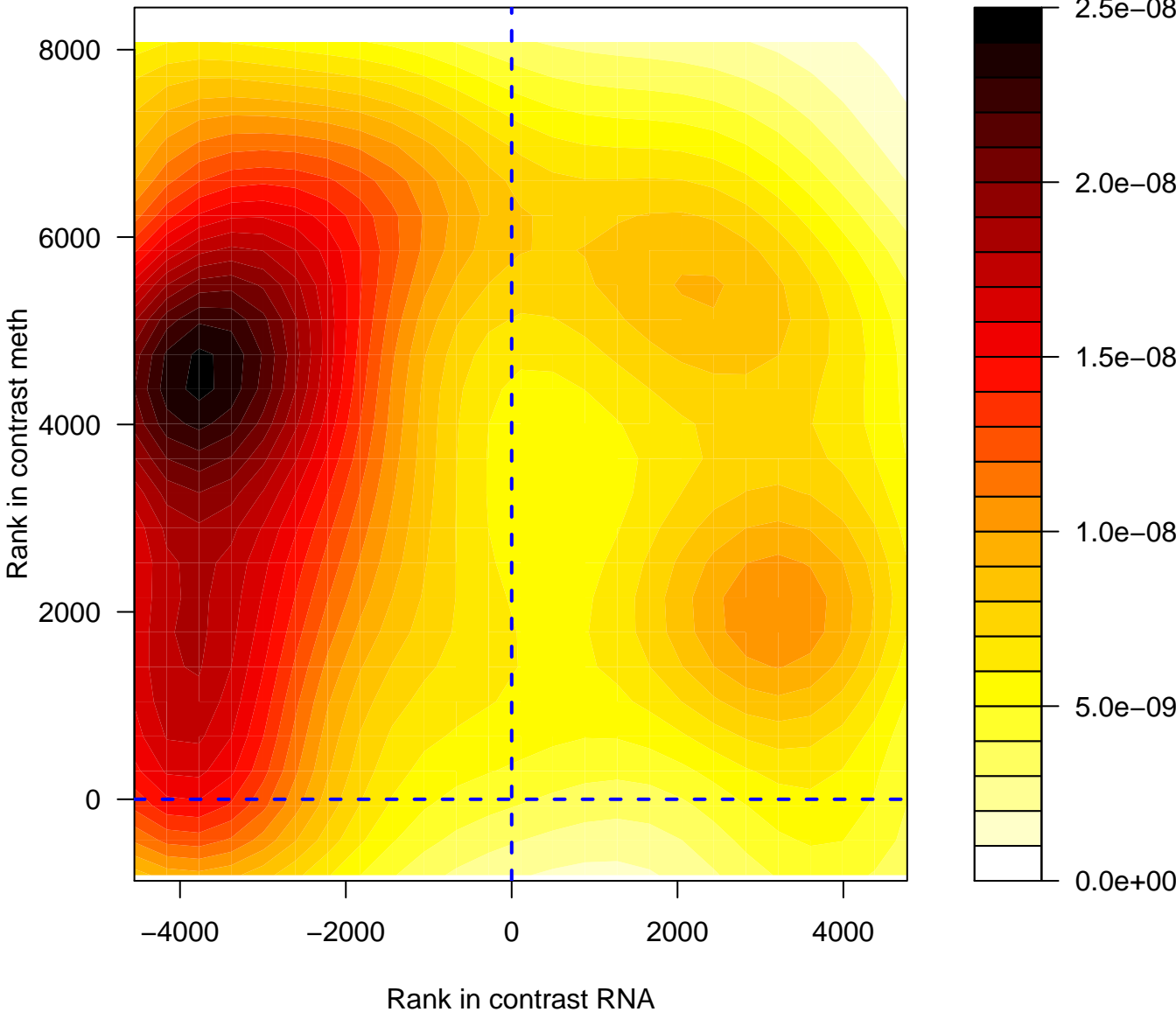
# Metabolism



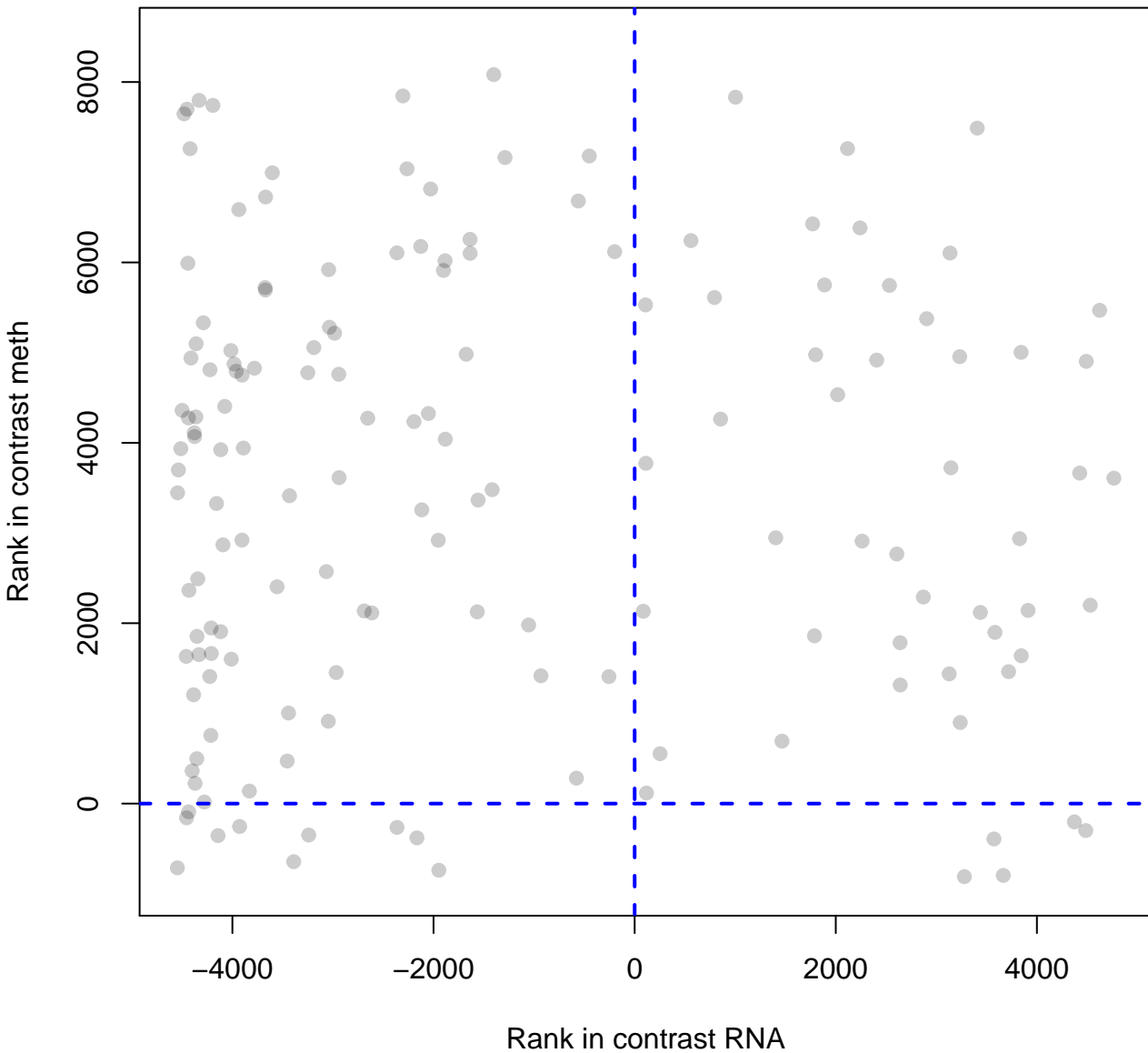
# Metabolism



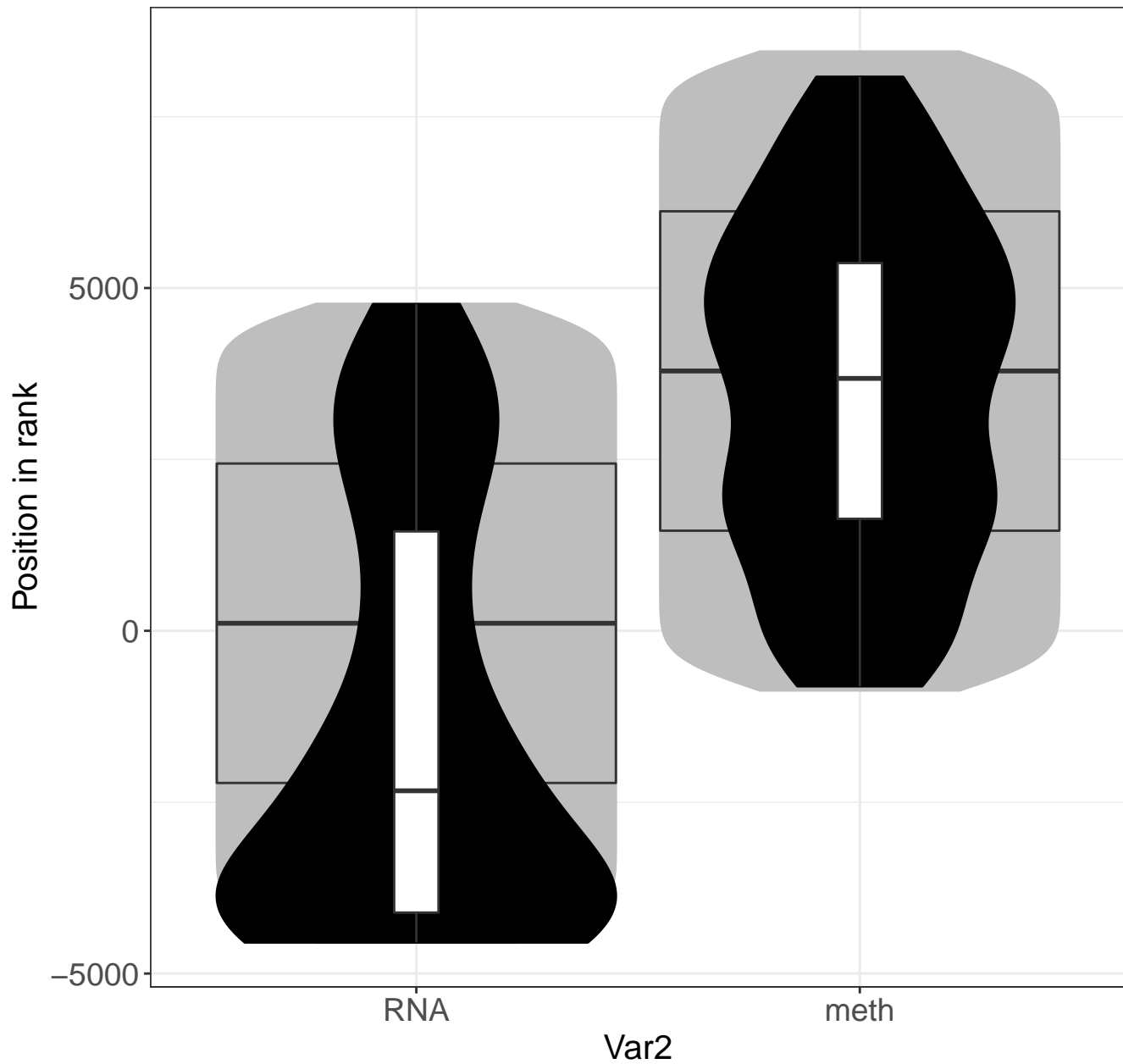
# rRNA processing in the nucleus and cytosol



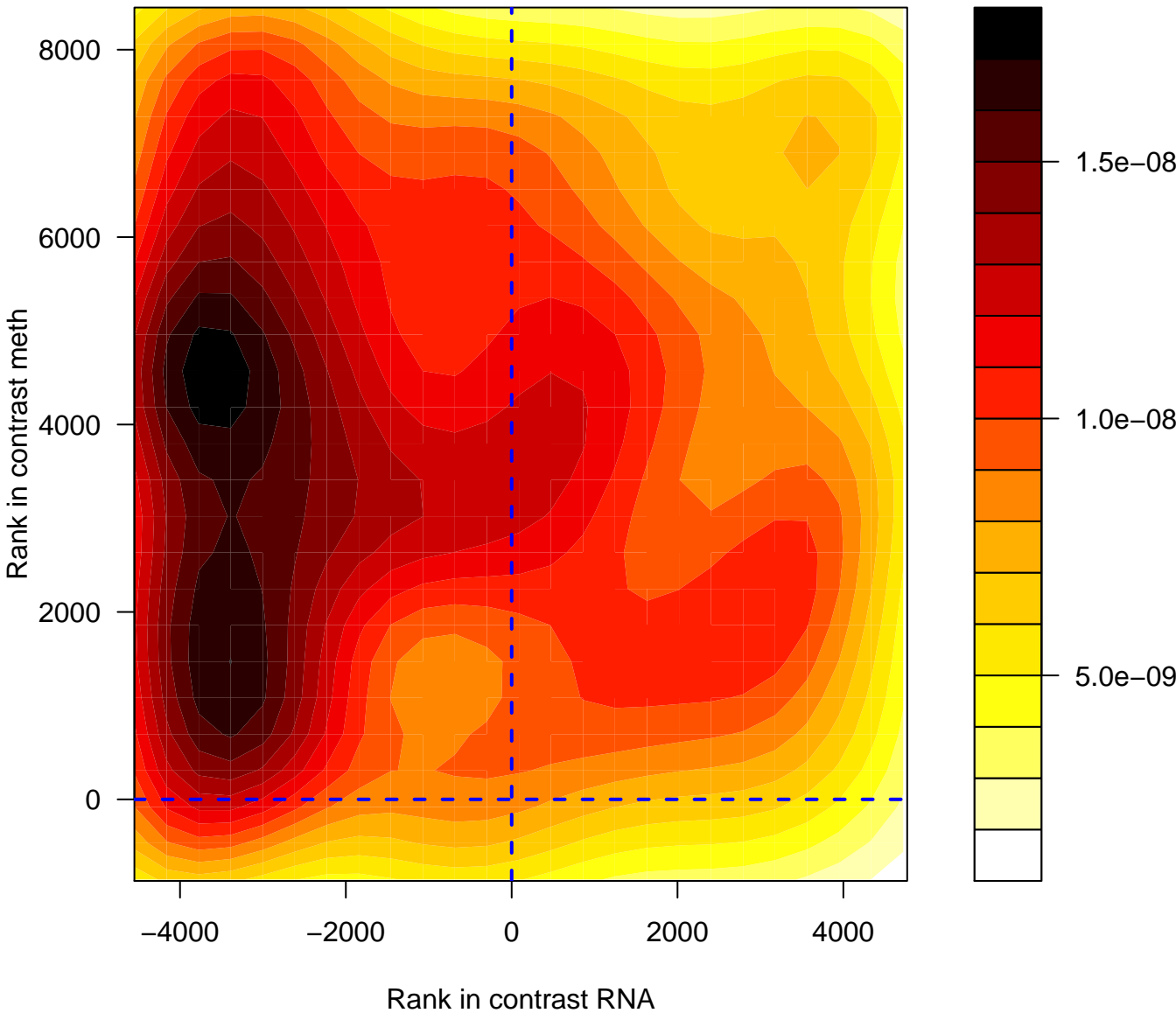
# rRNA processing in the nucleus and cytosol



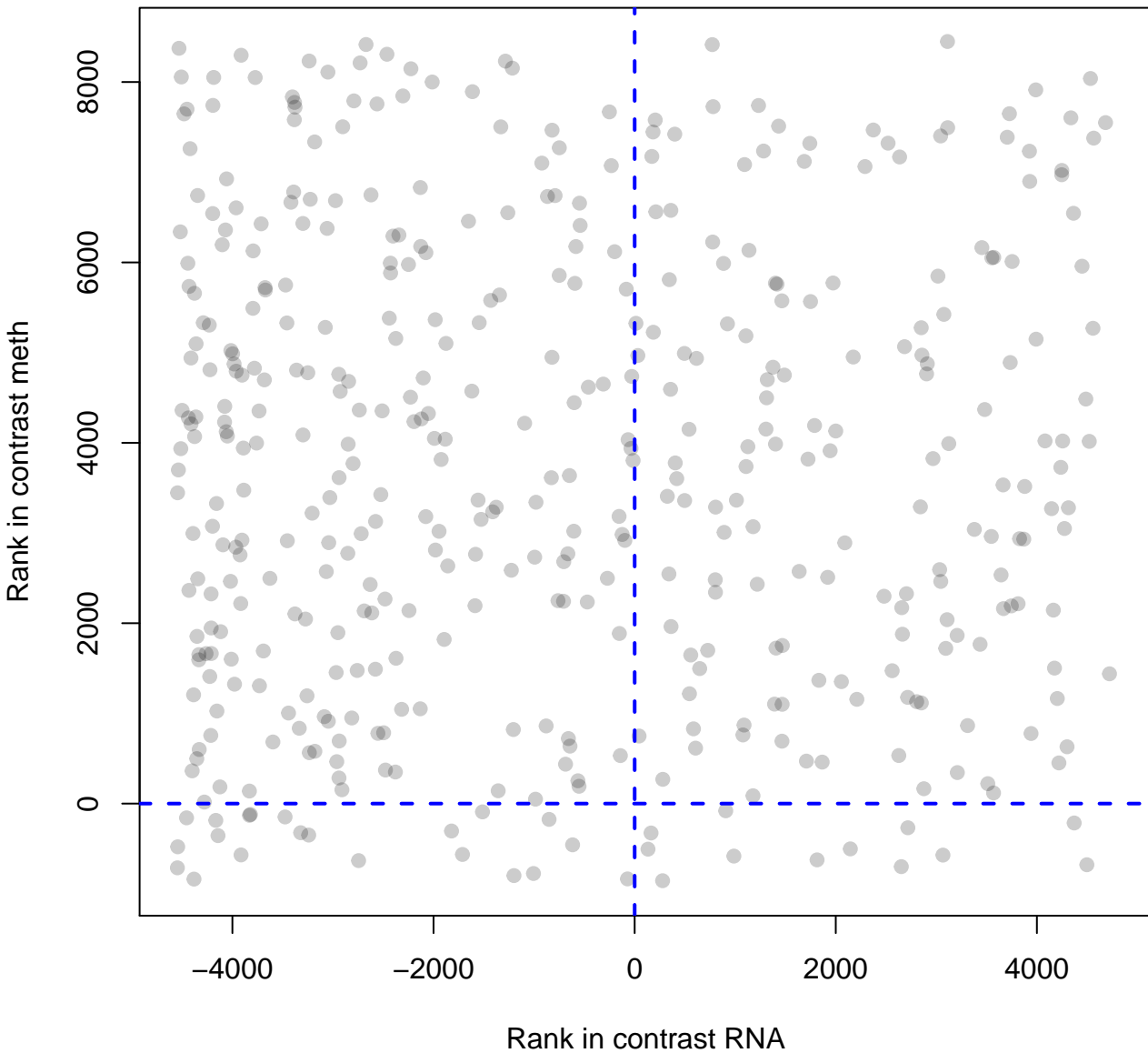
# rRNA processing in the nucleus and cytosol



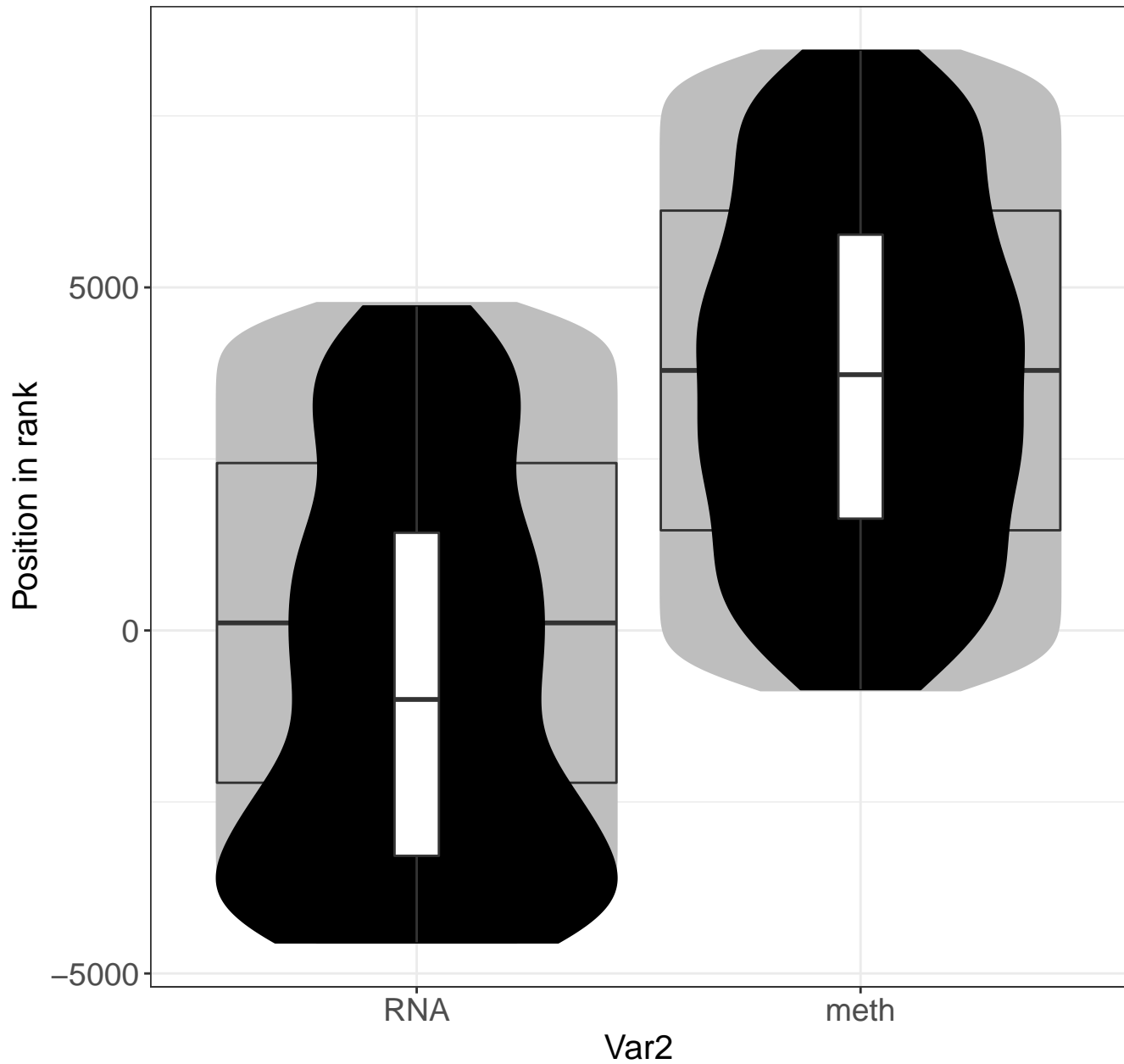
# Developmental Biology



# Developmental Biology

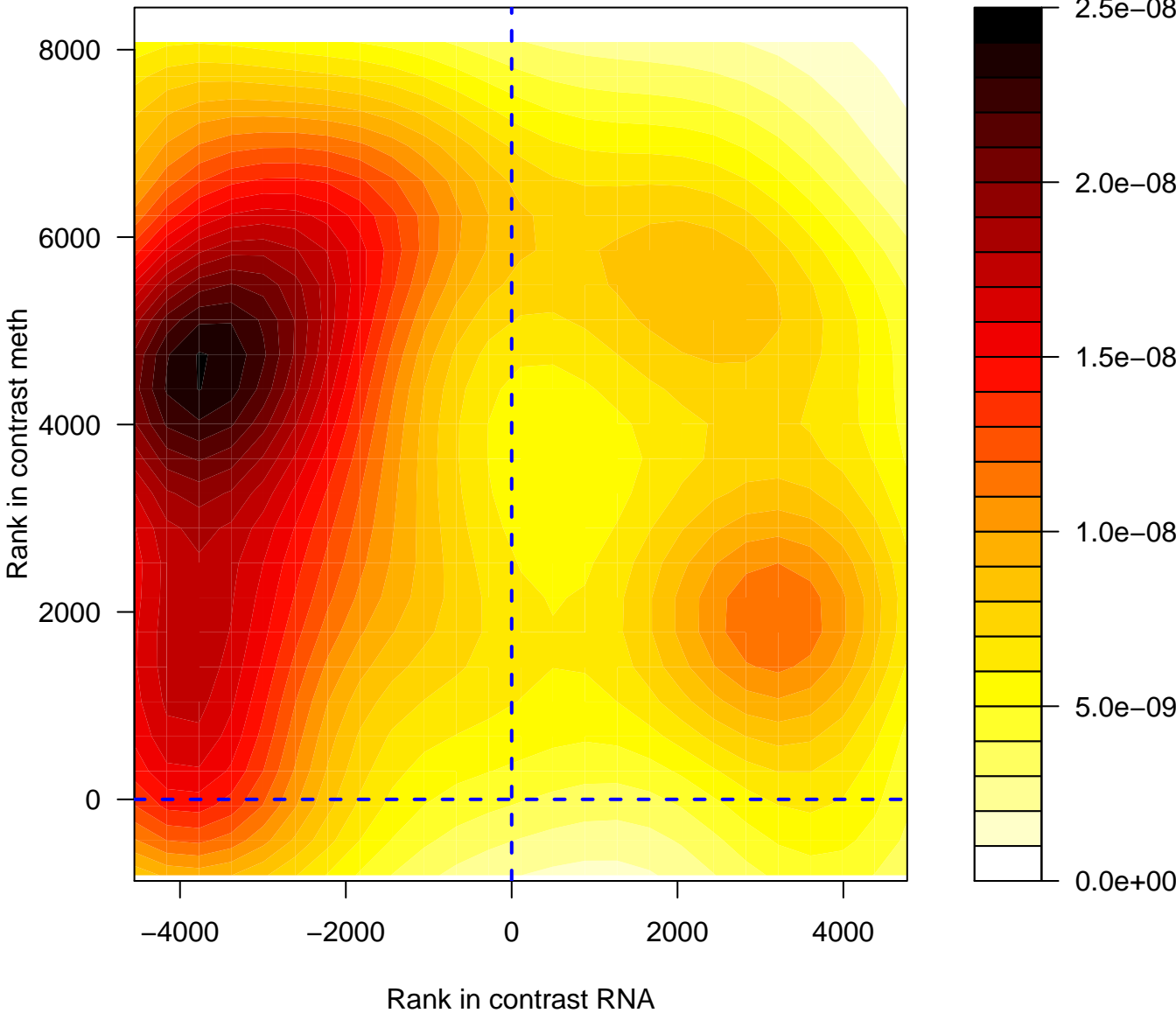


# Developmental Biology

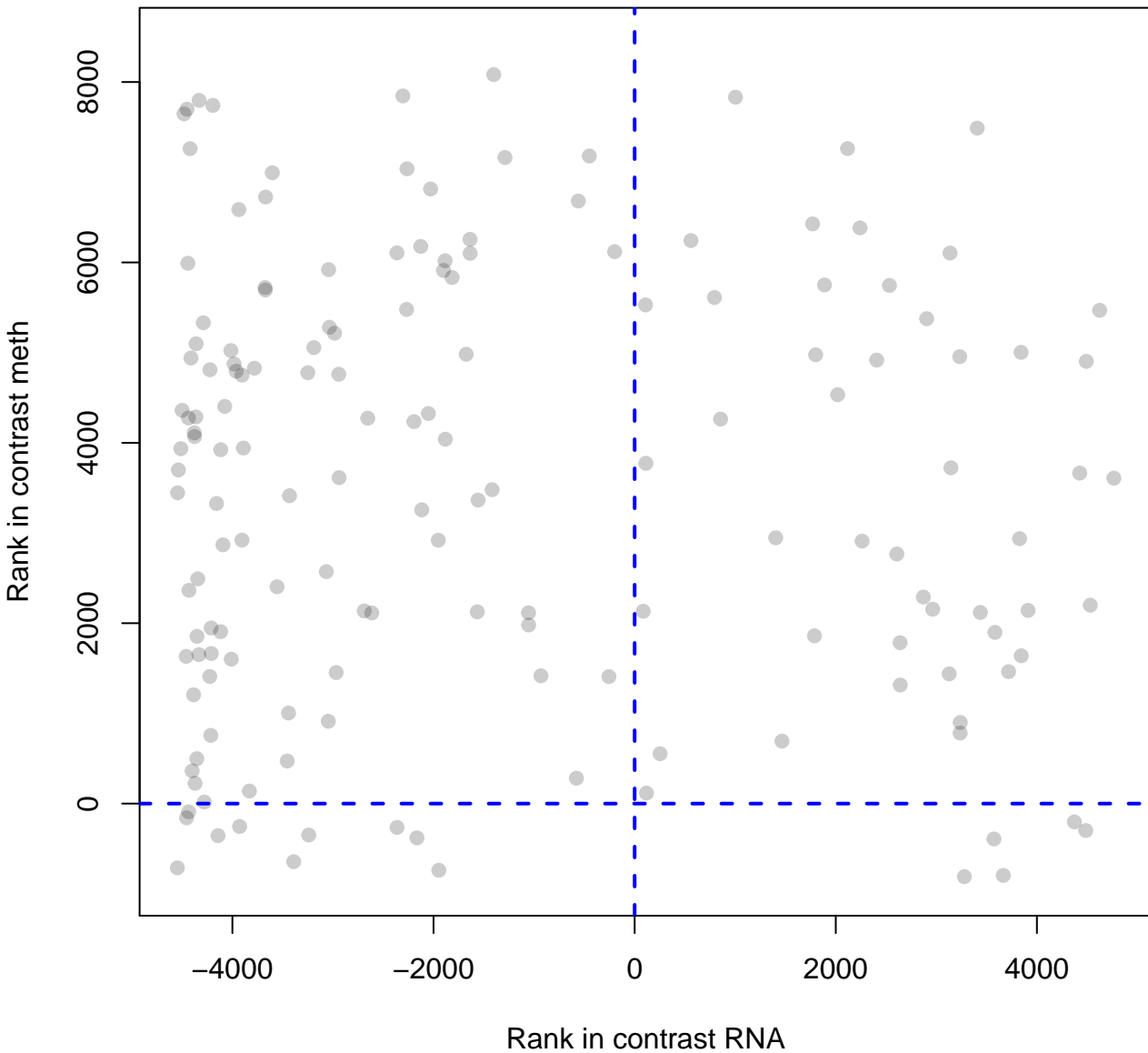




# rRNA processing



# rRNA processing



# rRNA processing

