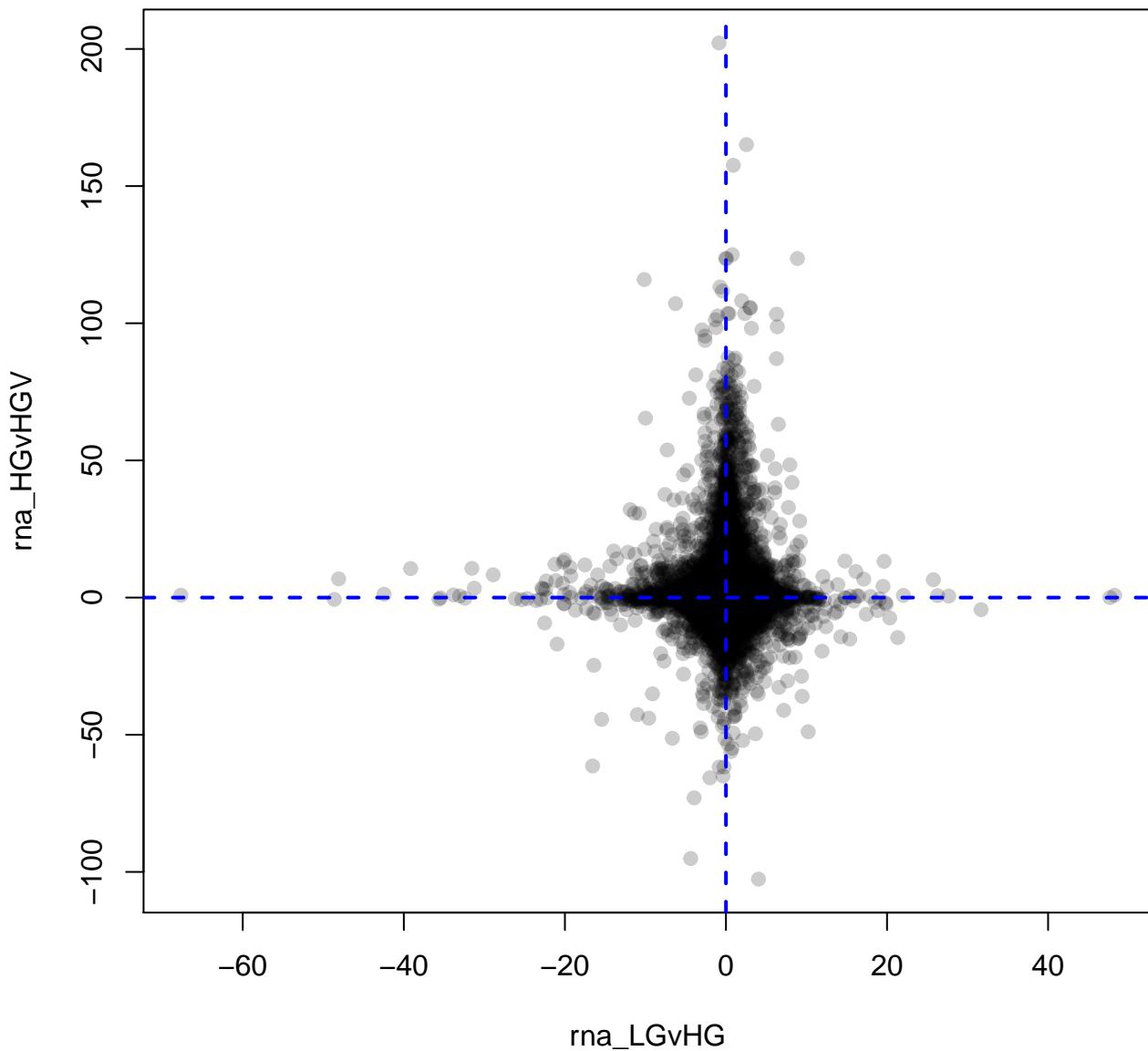
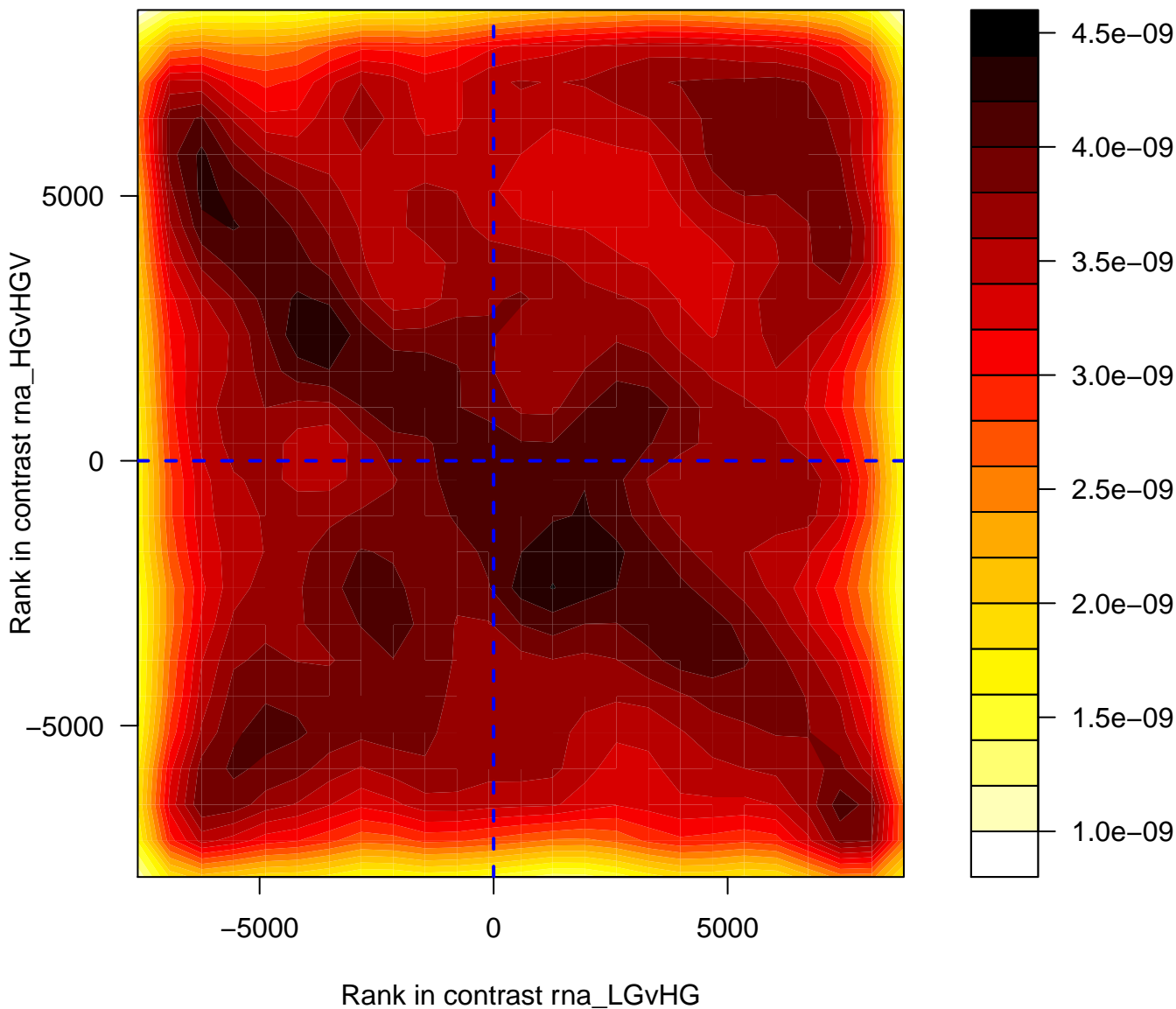


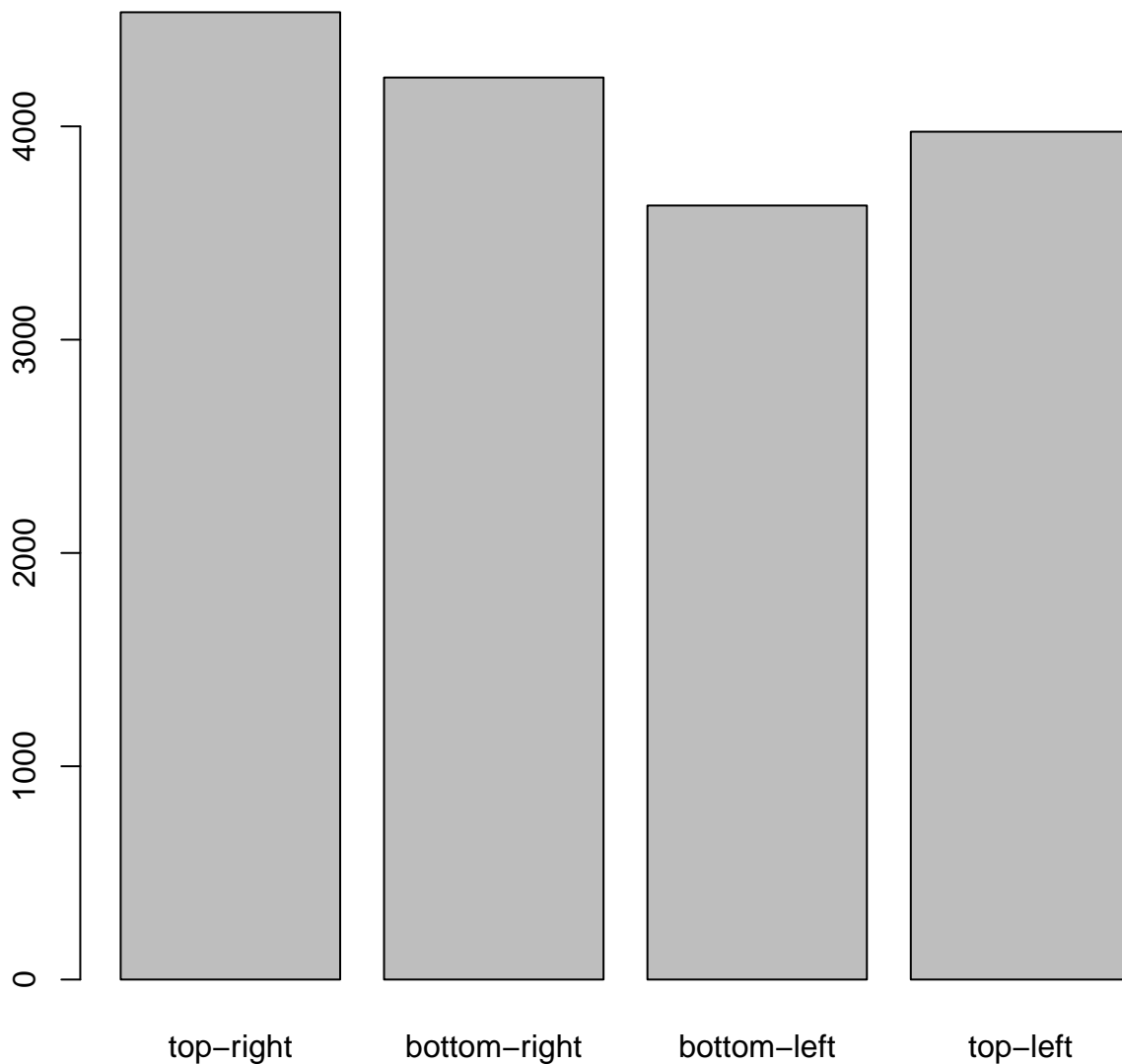
**Scatterplot of all genes**



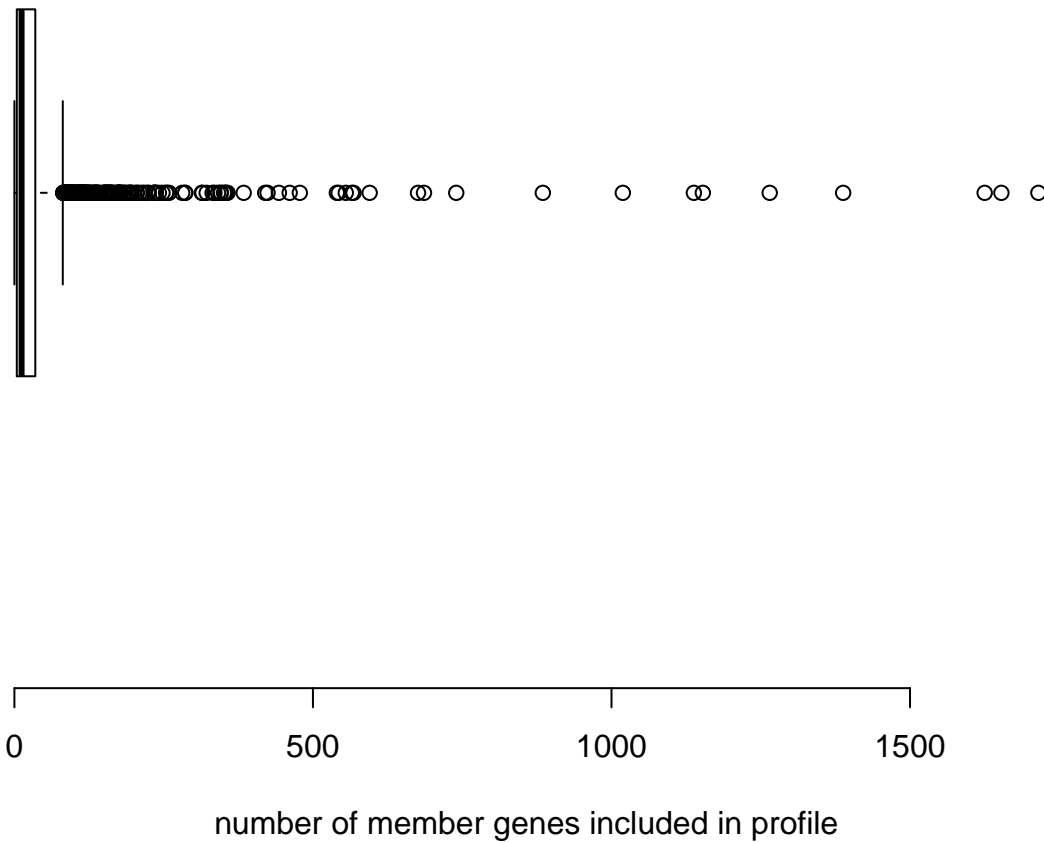
Rank–rank plot of all genes



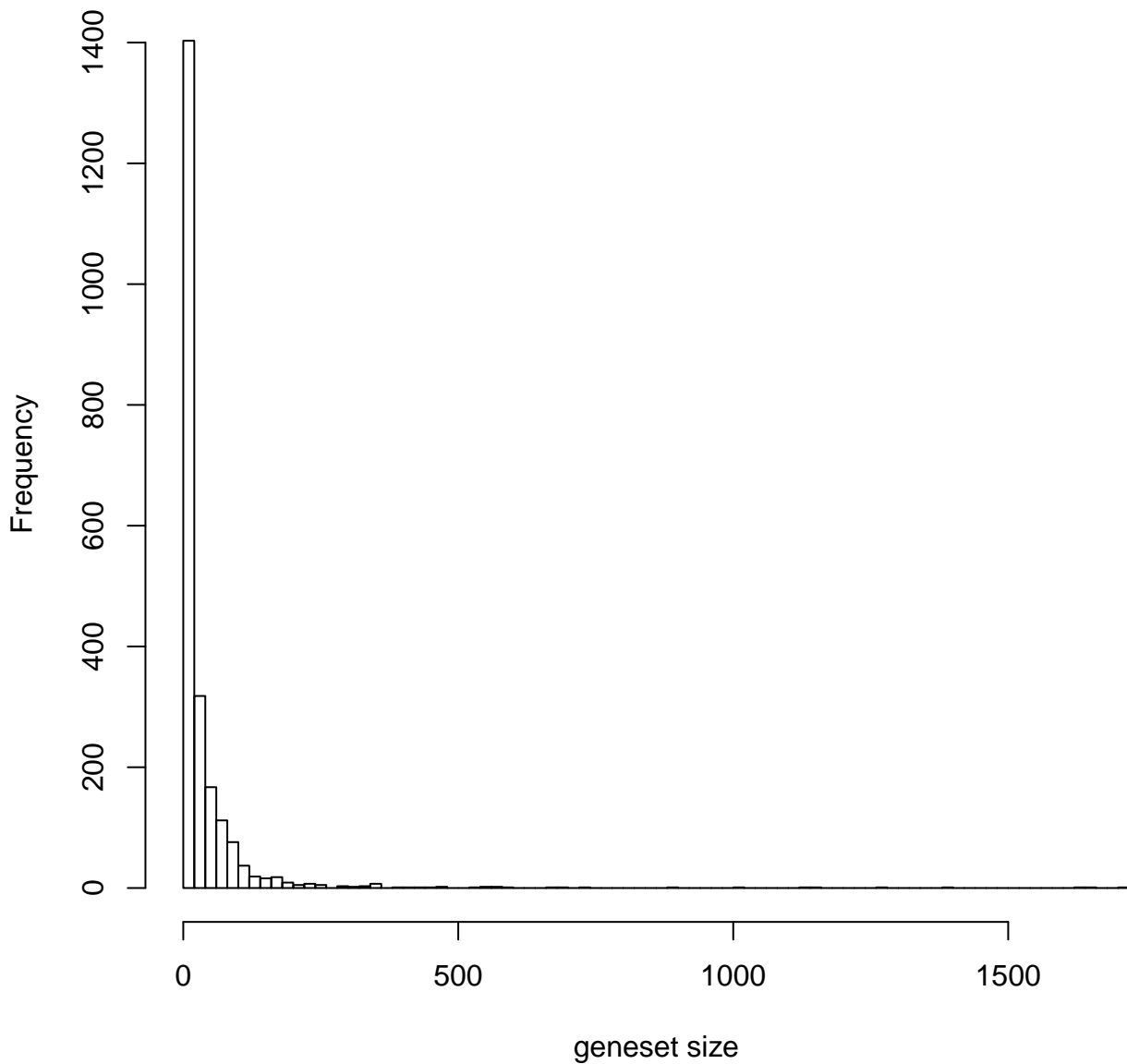
**number of genes in each quadrant**



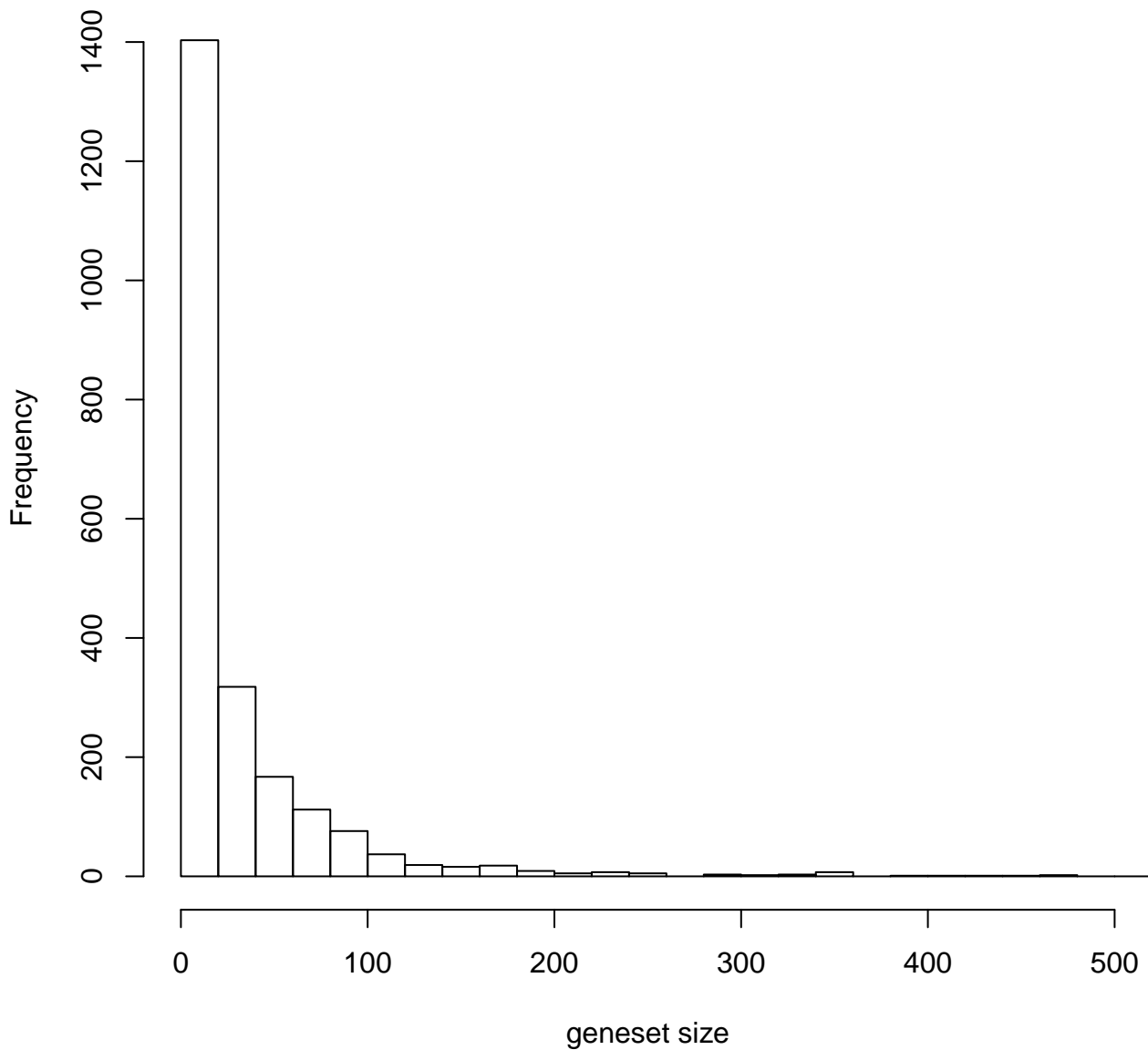
## Gene set size



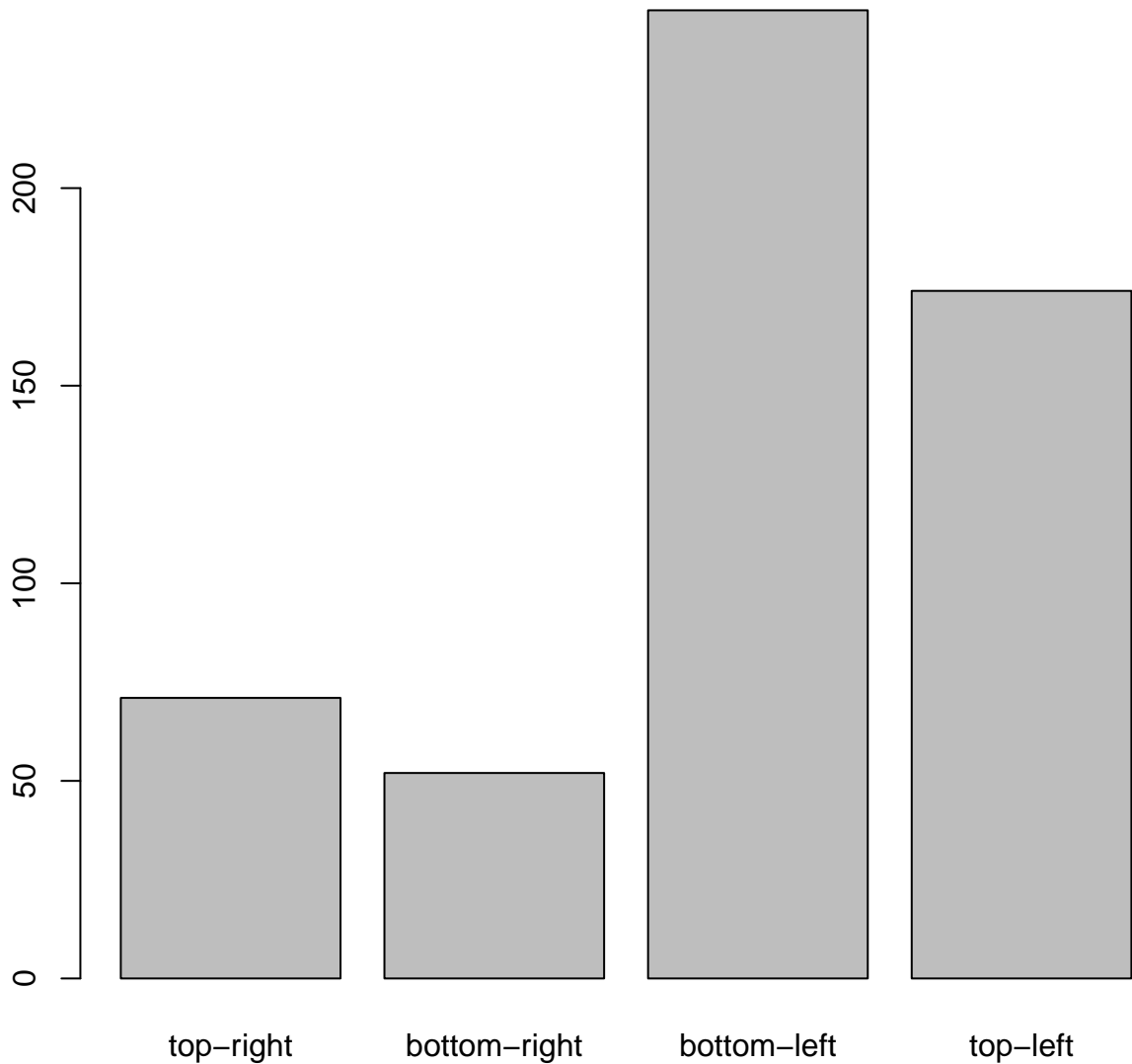
**Histogram of geneset size**



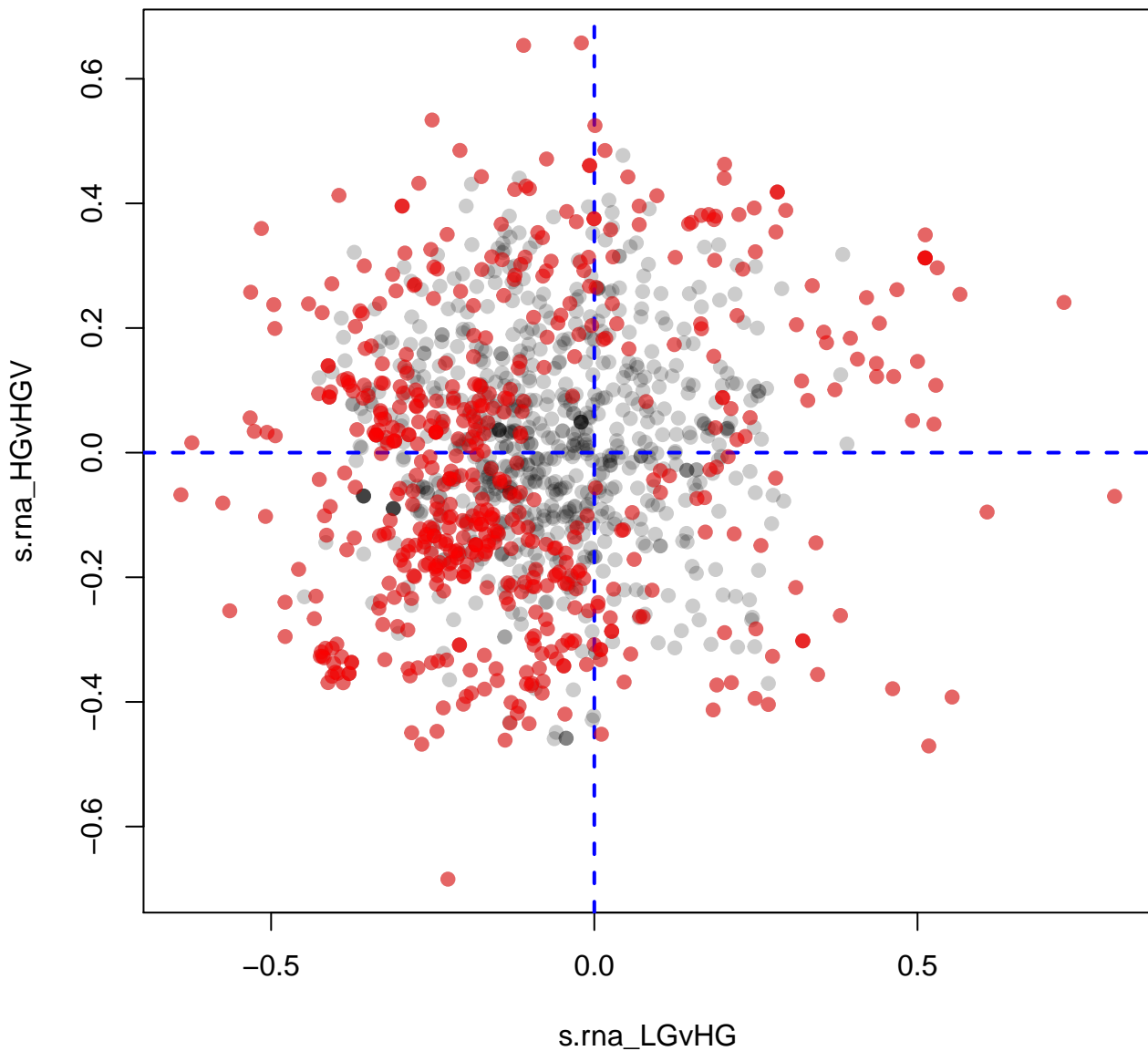
**Trimmed histogram of geneset size**



**number of genesets FDR<0.05**

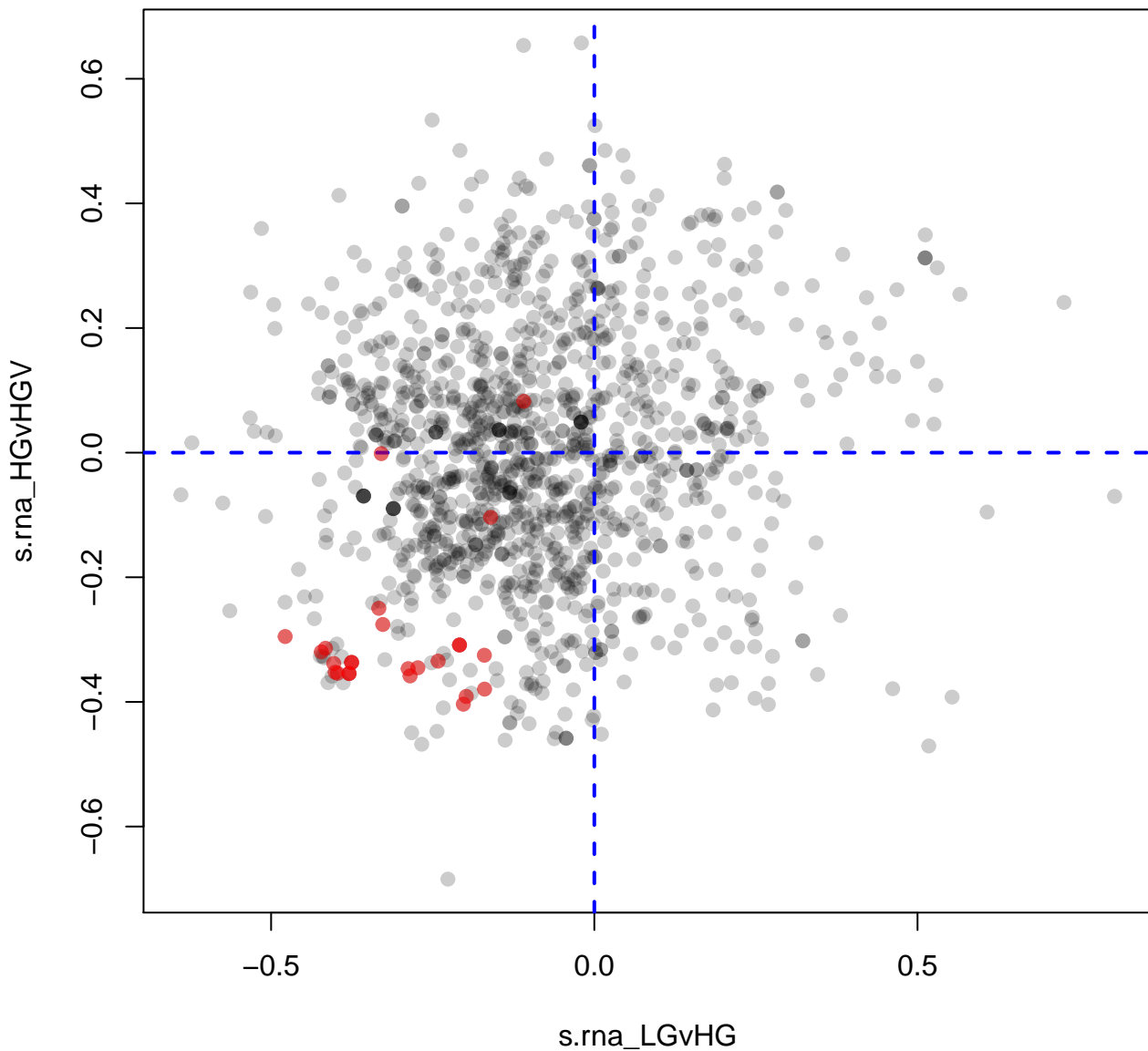


Scatterplot of all gene sets; FDR<0.05 in red

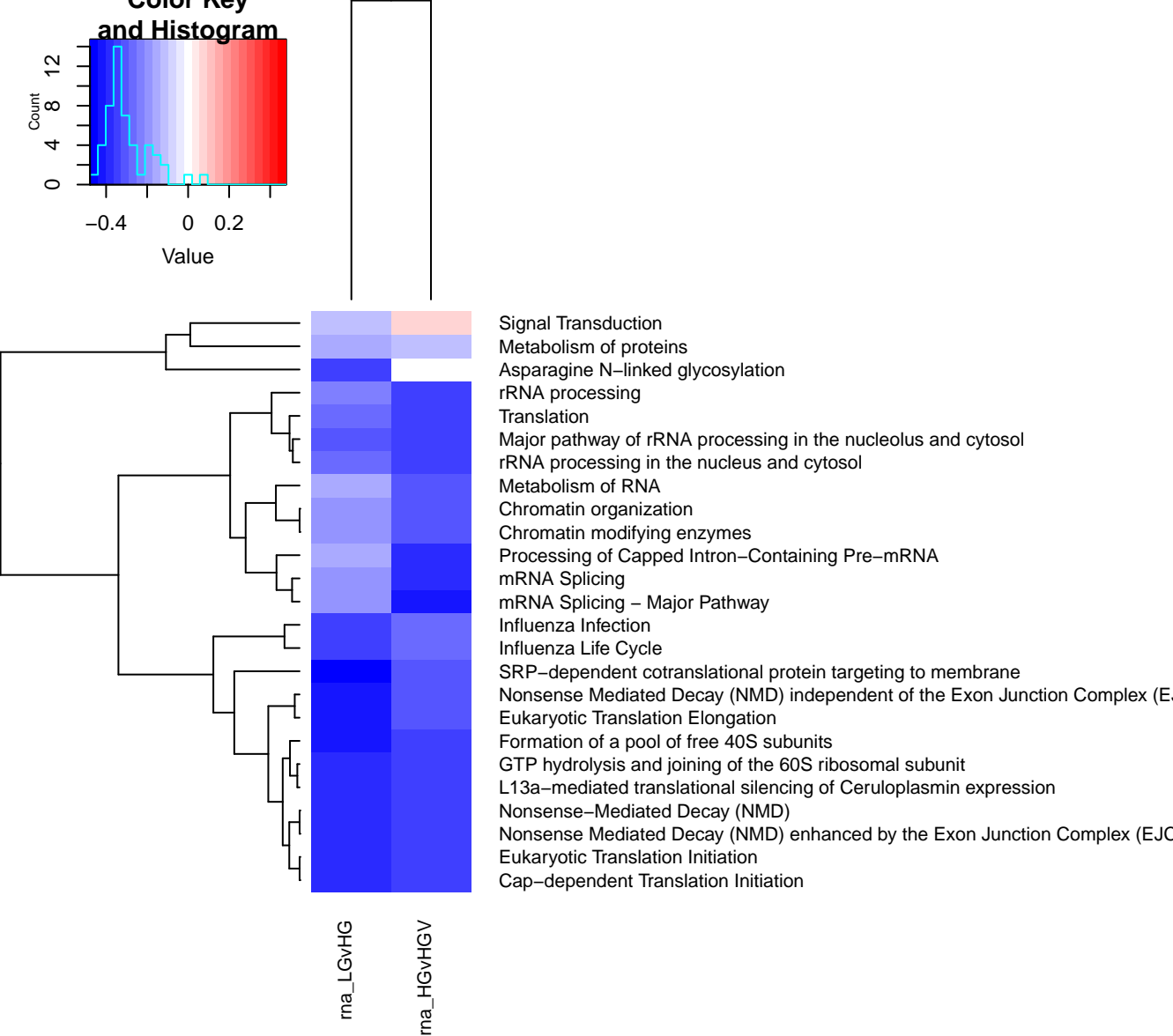
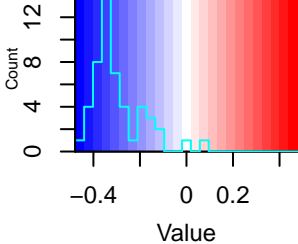




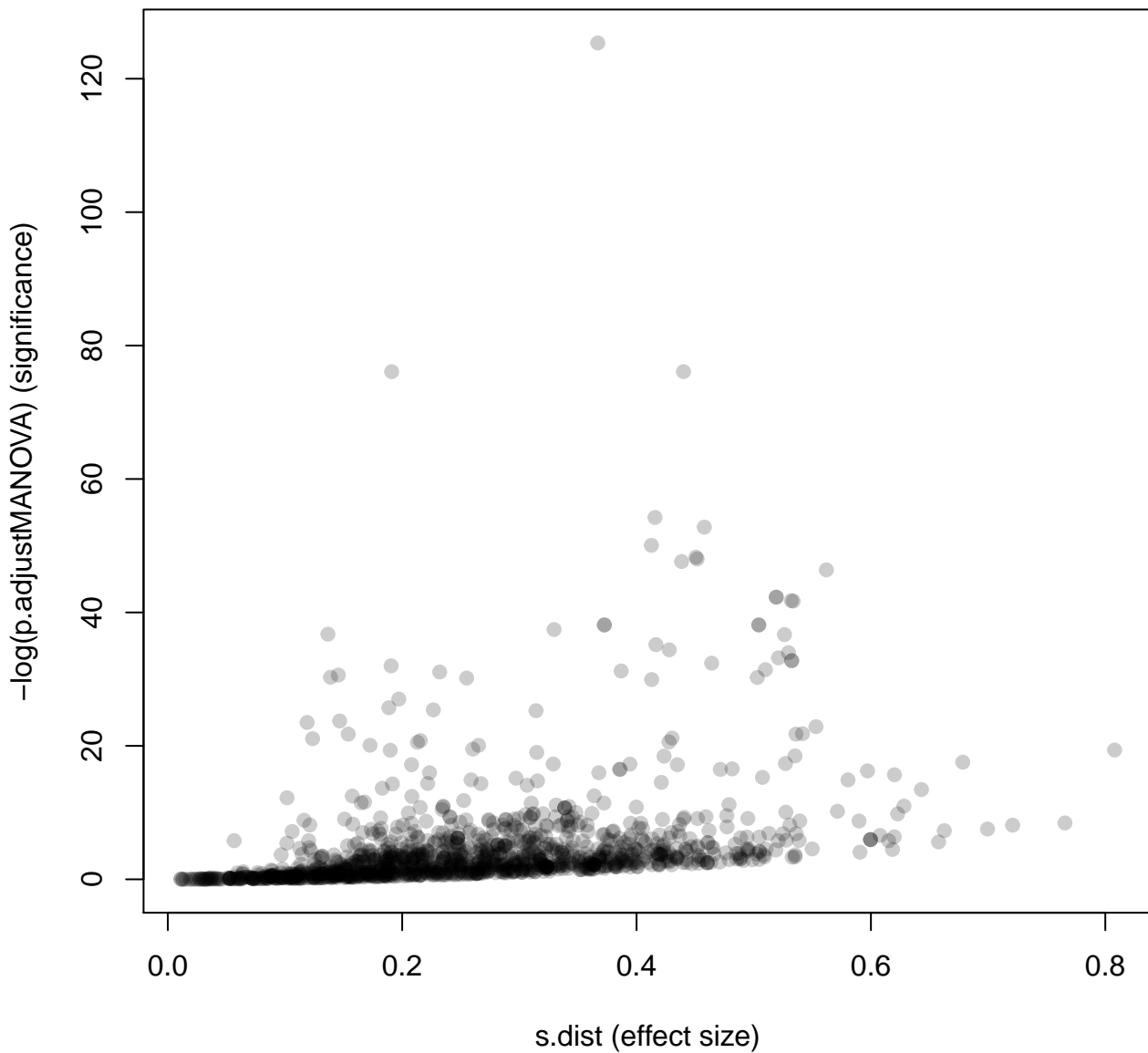
**Scatterplot of all gene sets; top 25 in red**



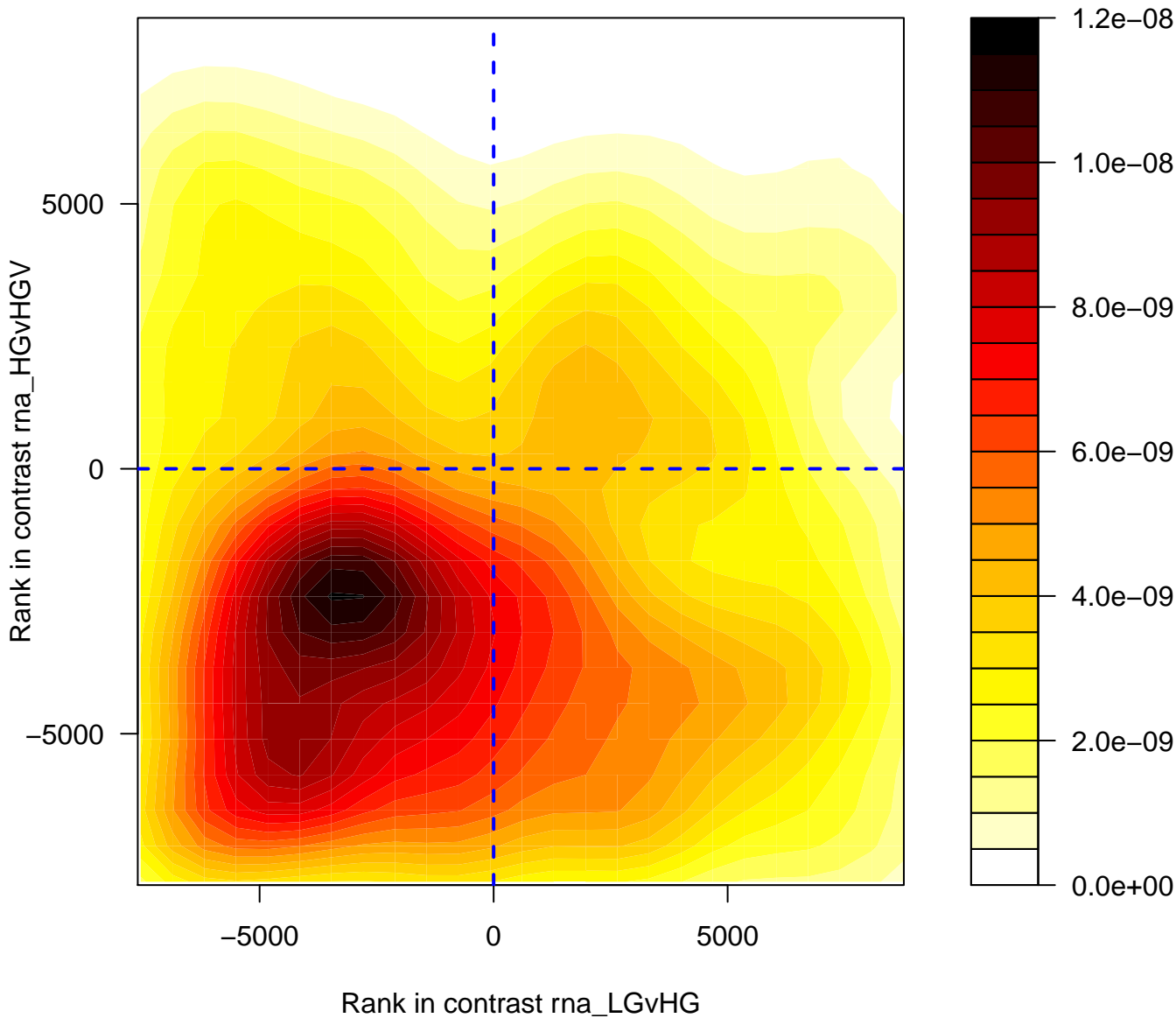
# Color Key and Histogram



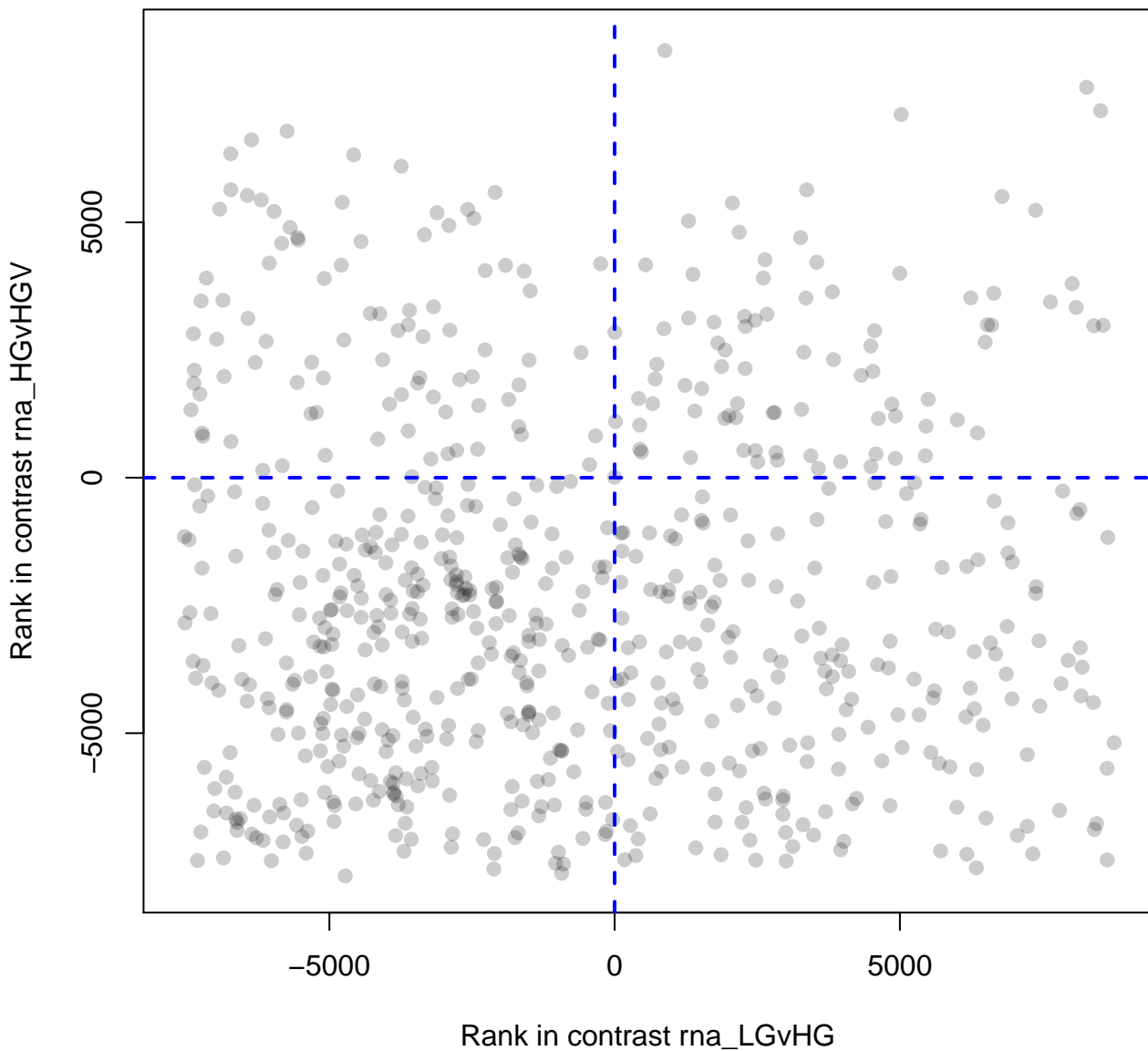
# effect size versus statistical significance



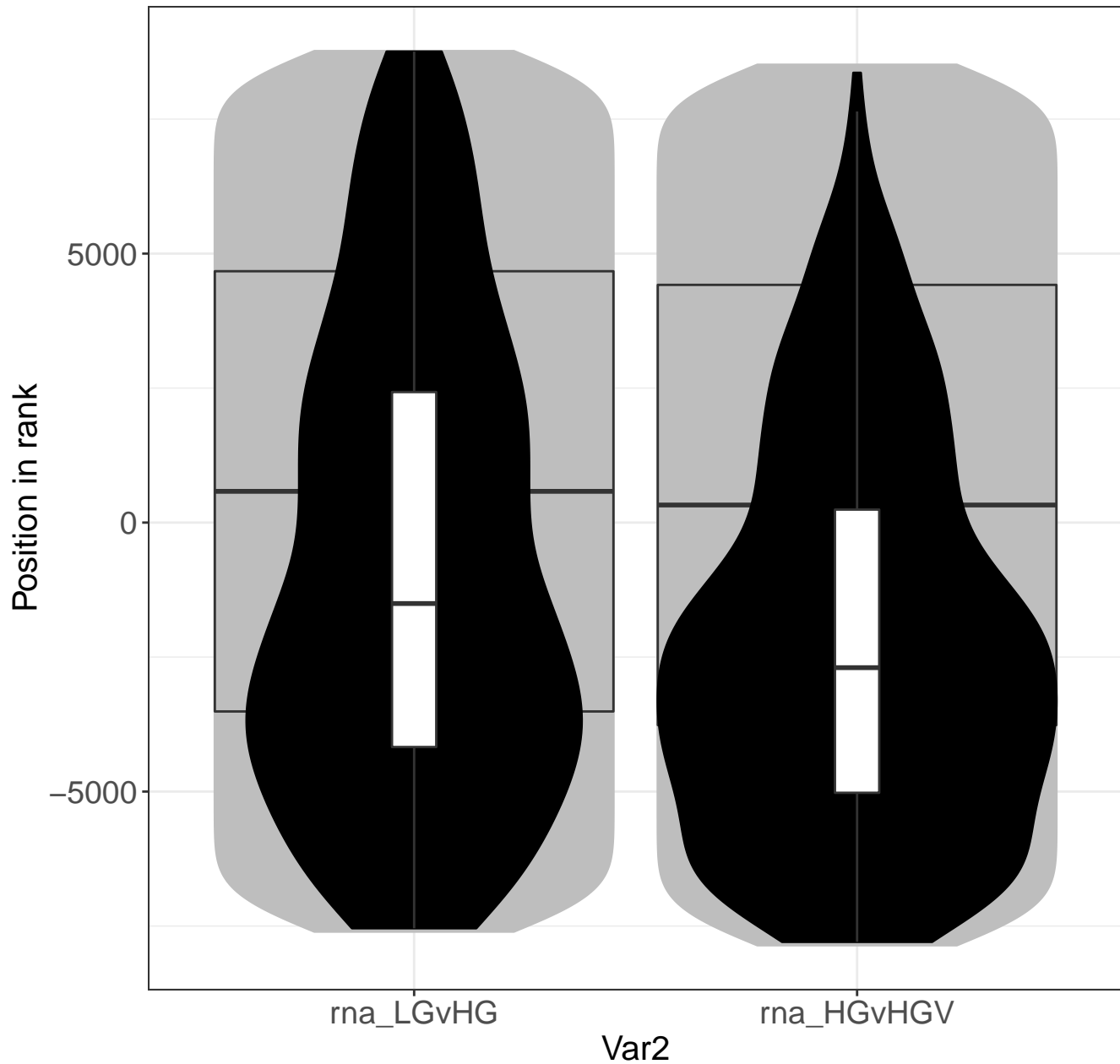
# Metabolism of RNA



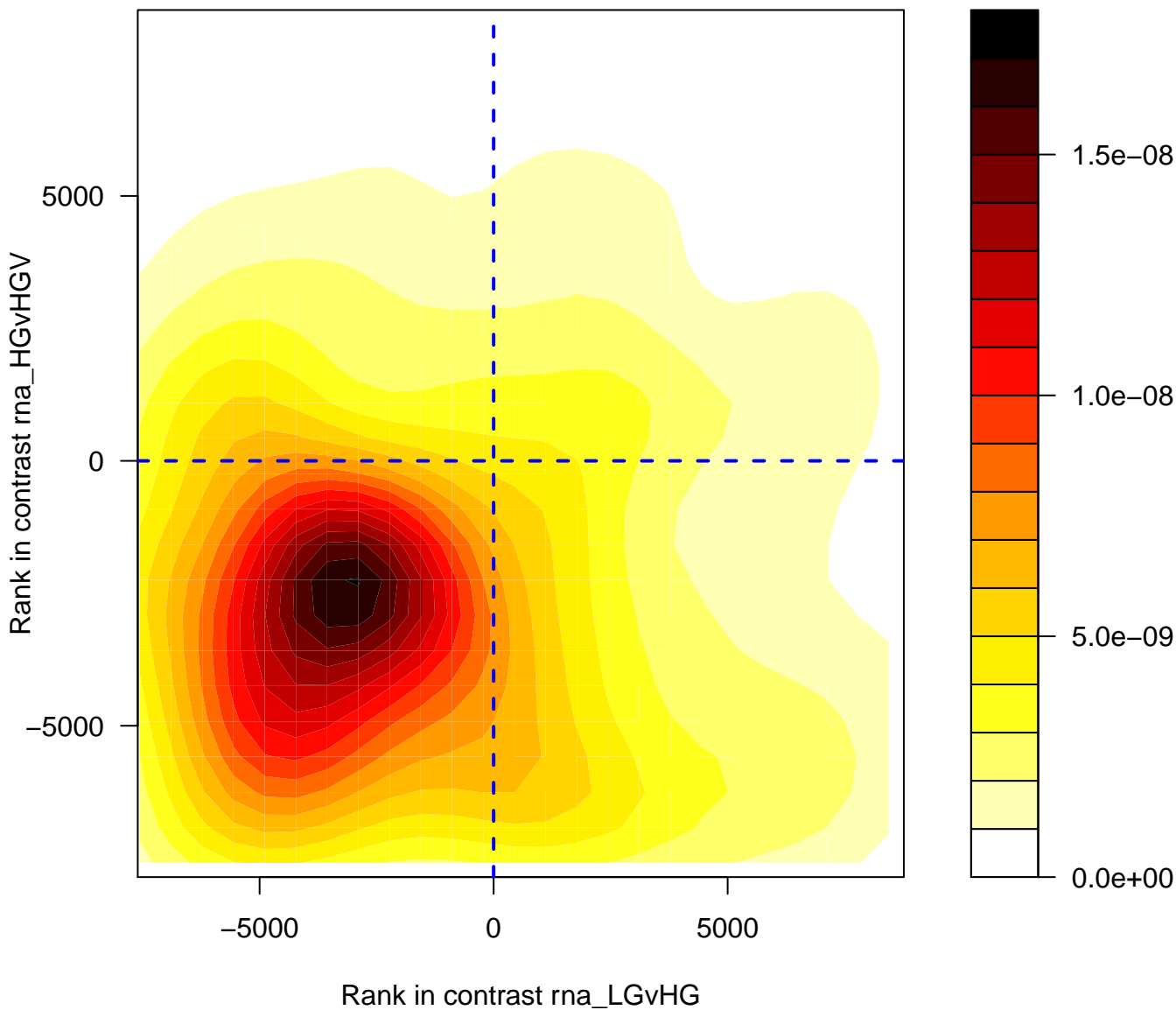
# Metabolism of RNA



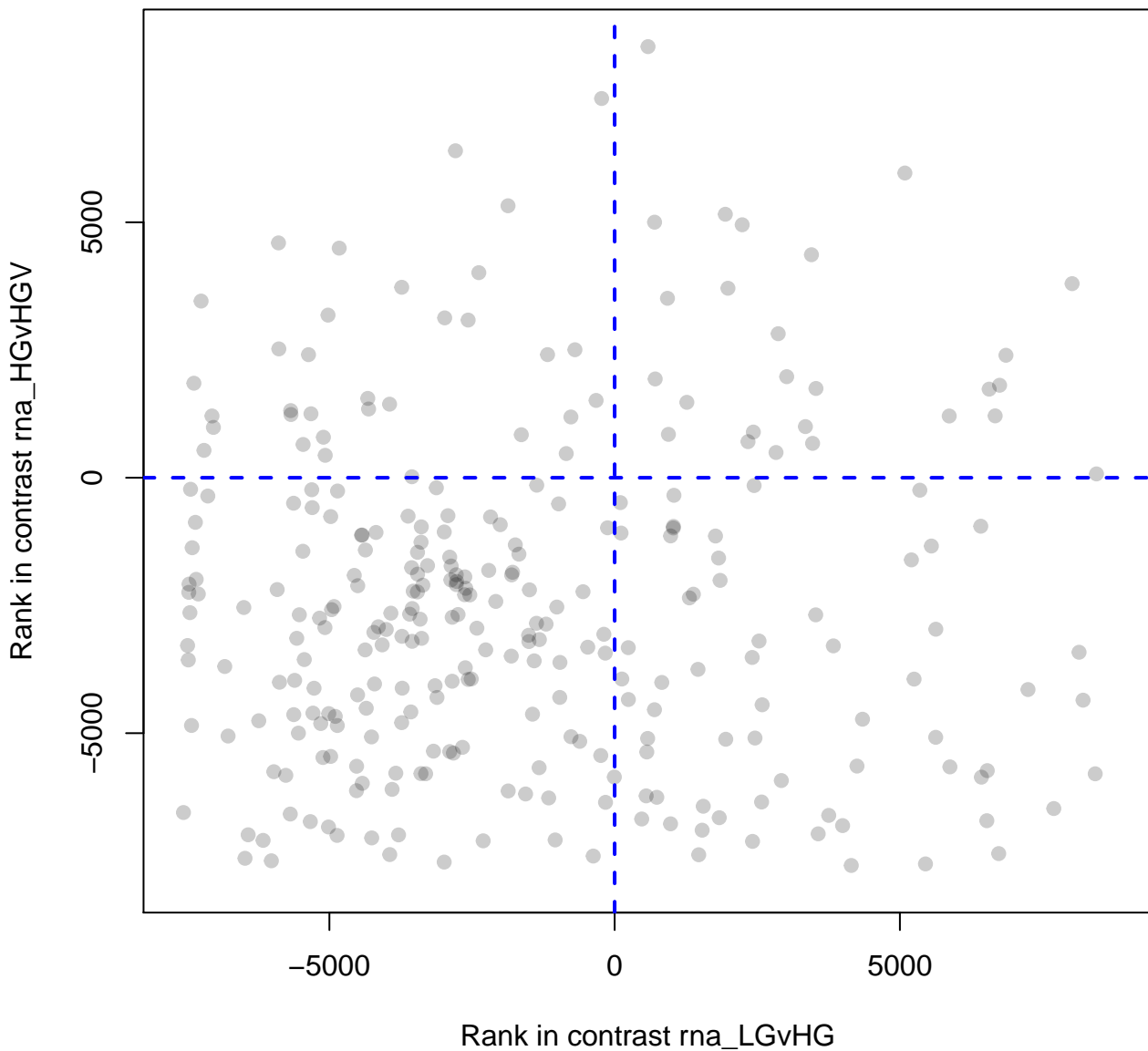
# Metabolism of RNA



# Translation

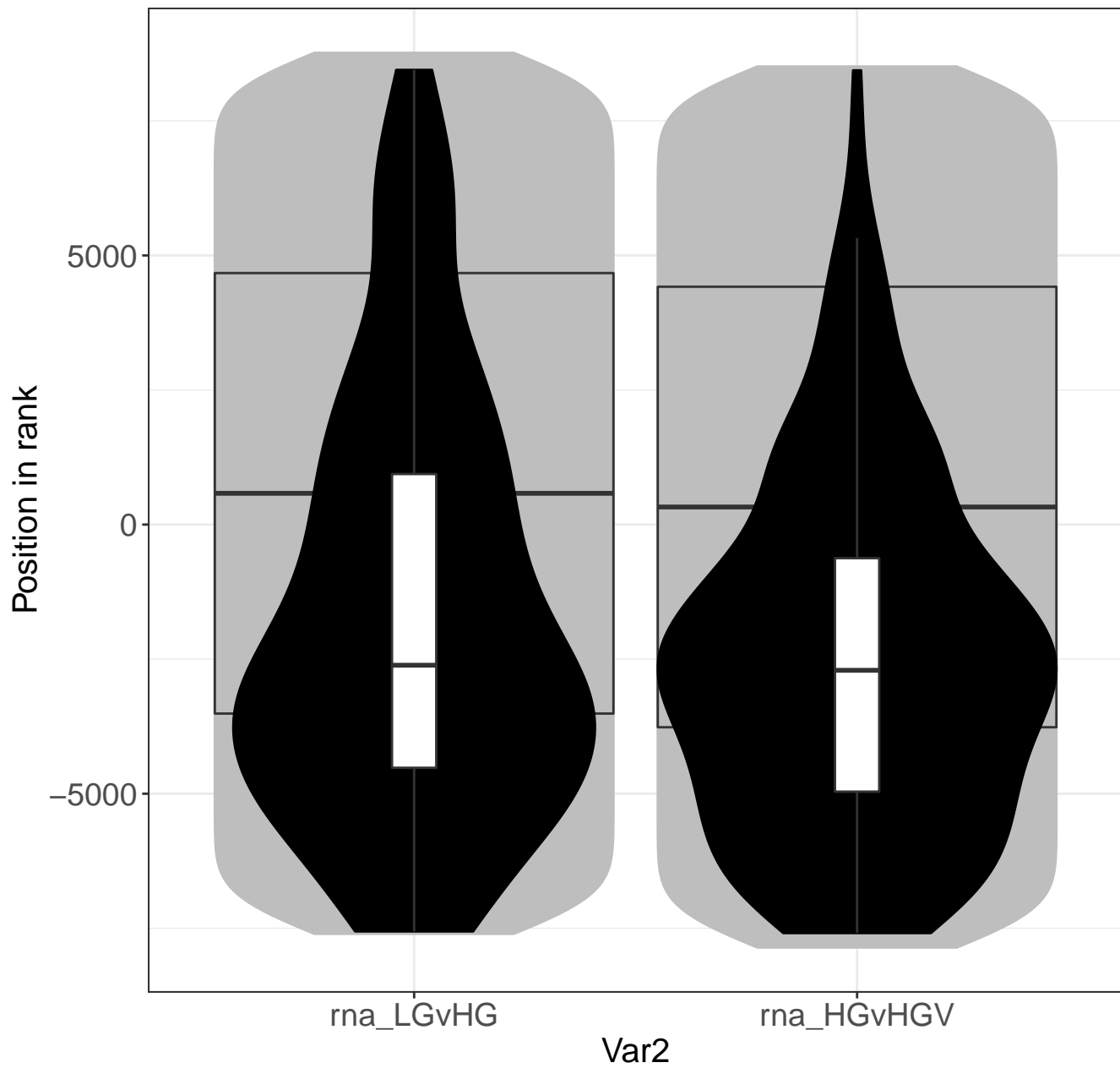


# Translation

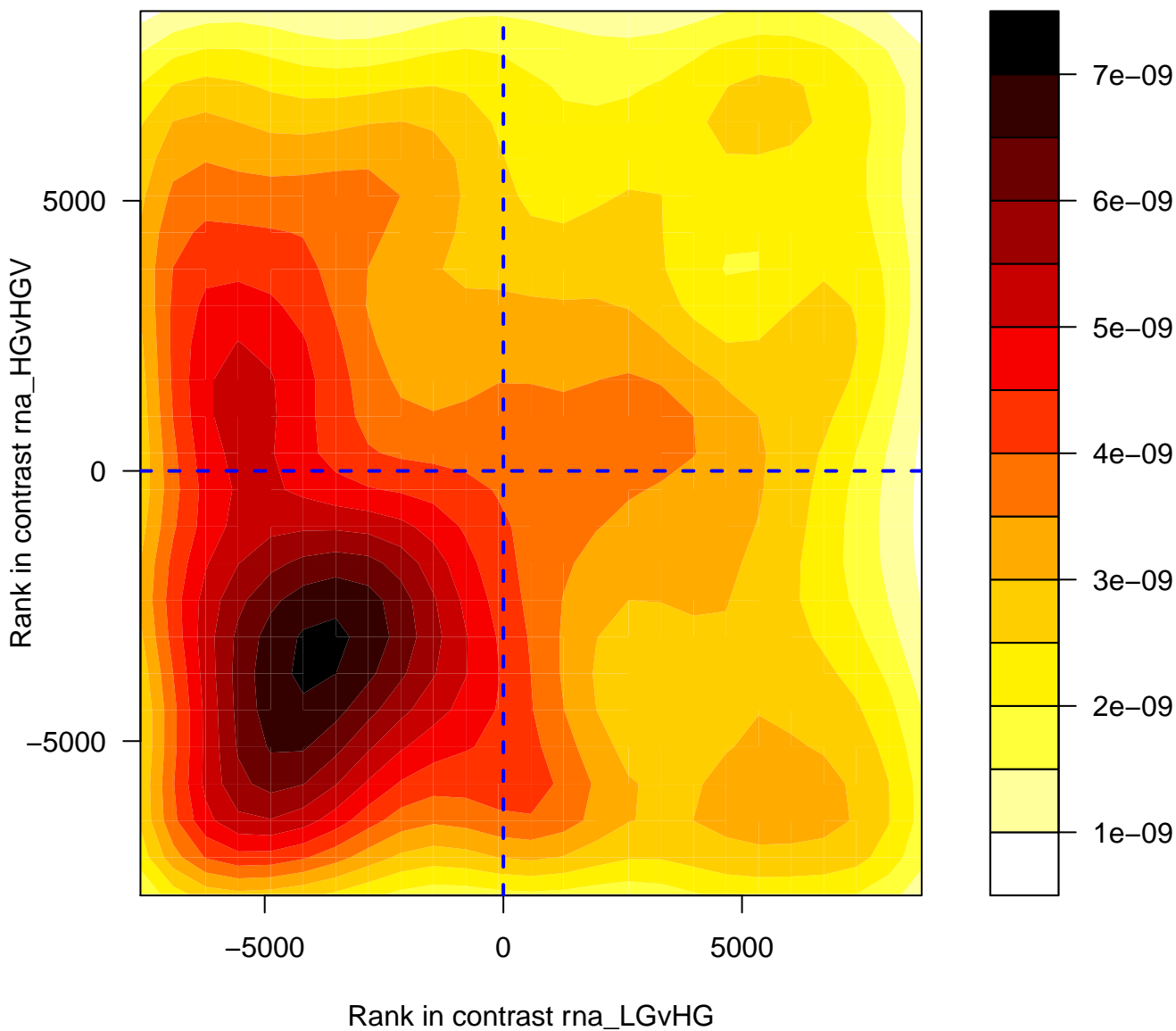




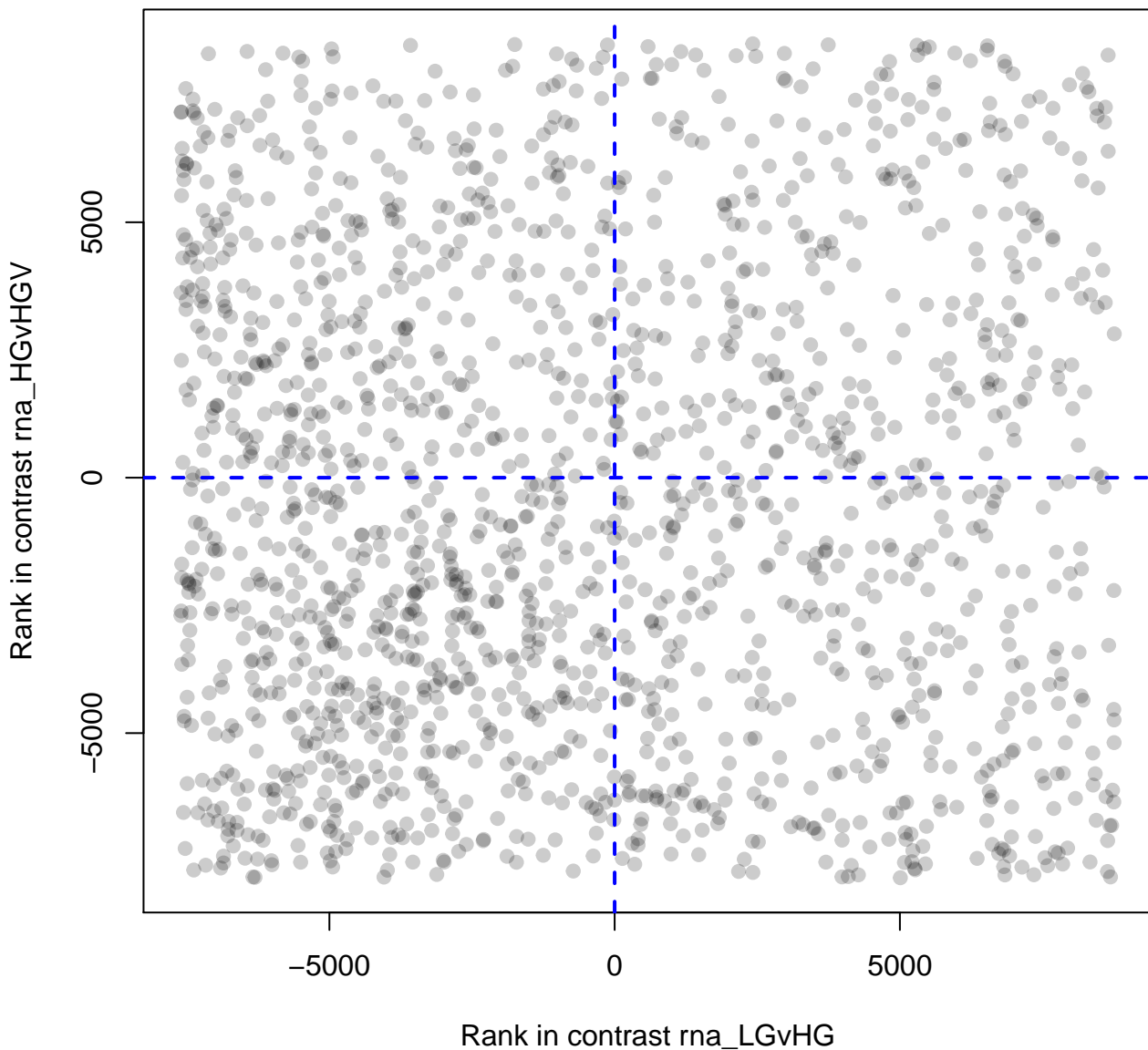
# Translation



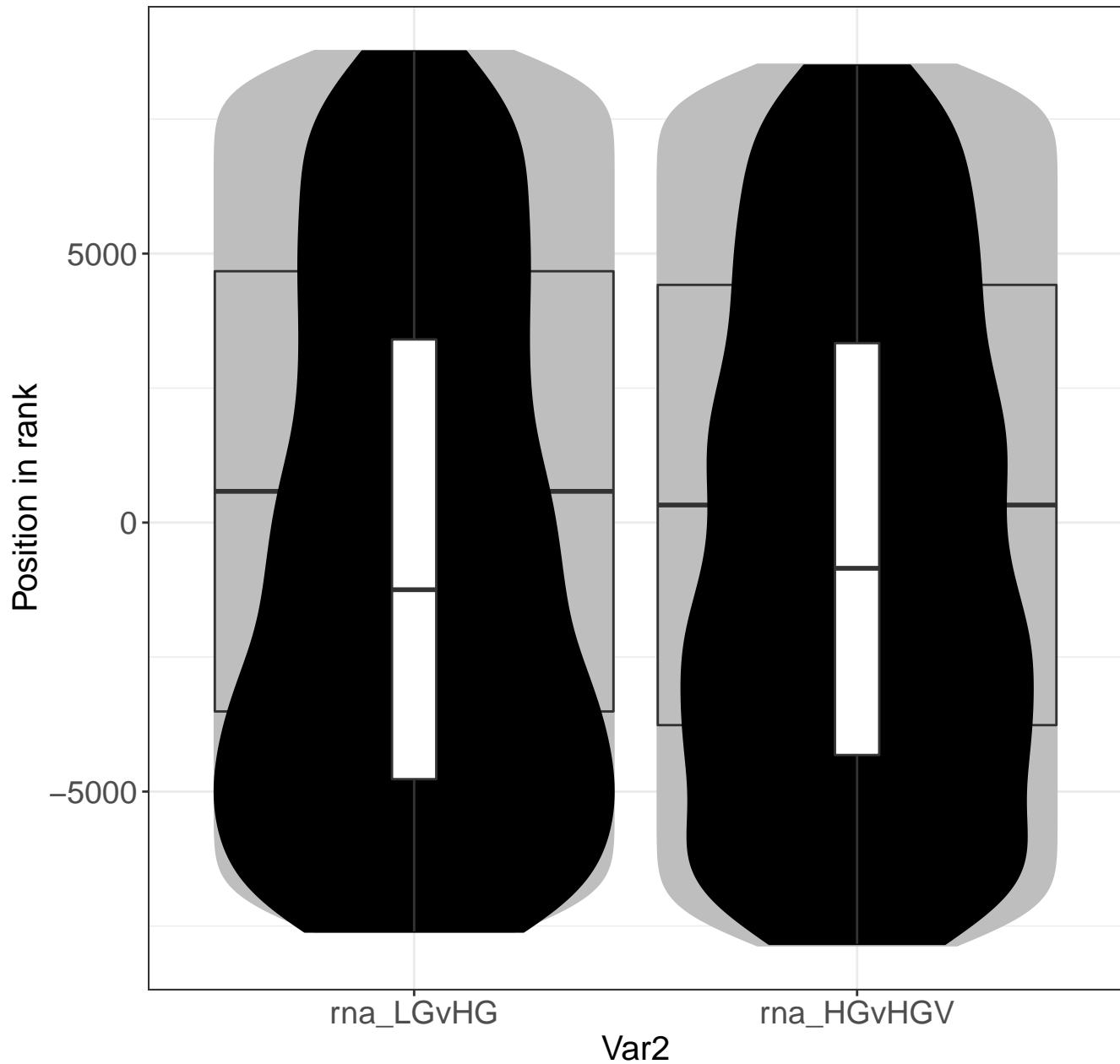
# Metabolism of proteins



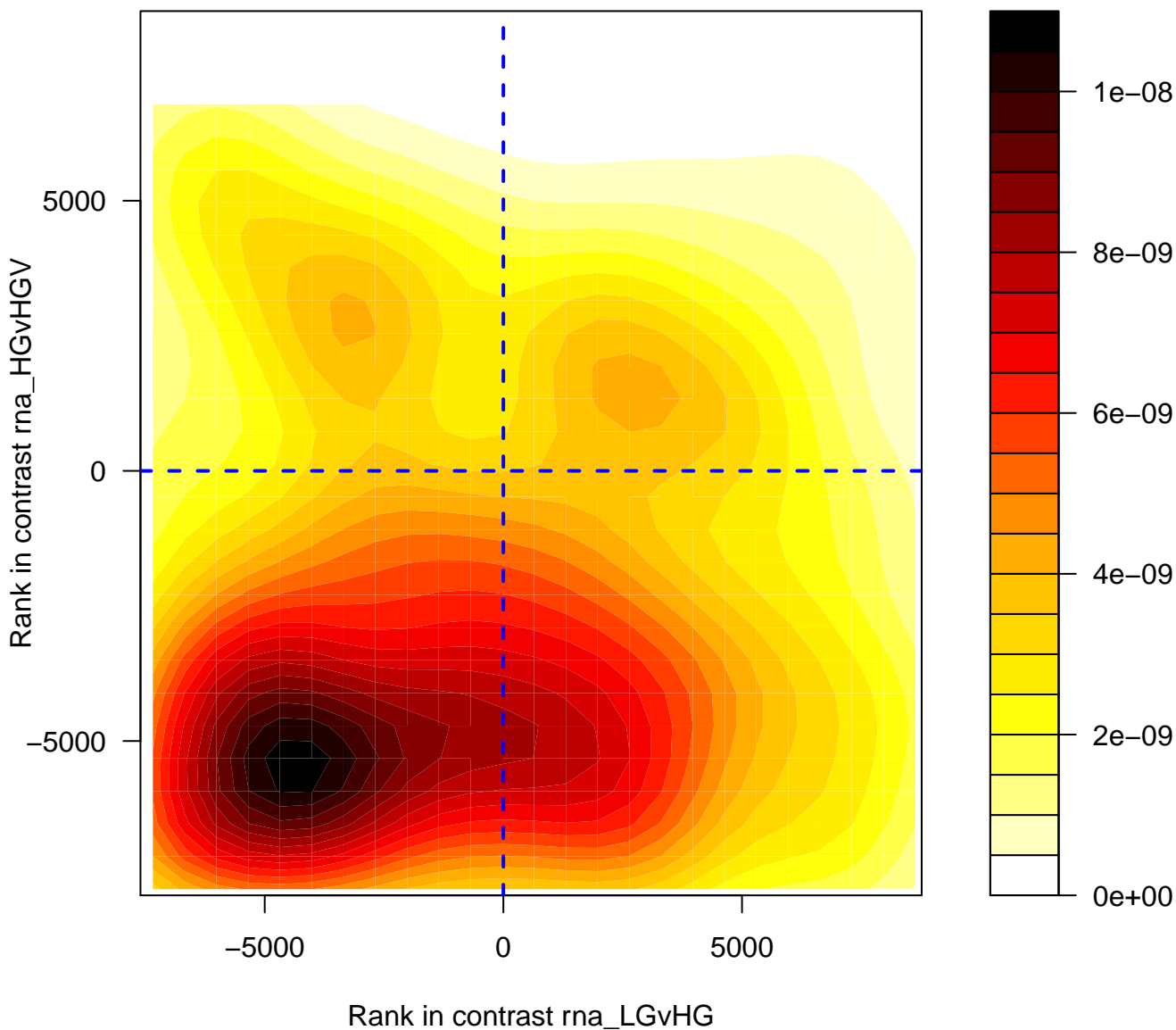
# Metabolism of proteins



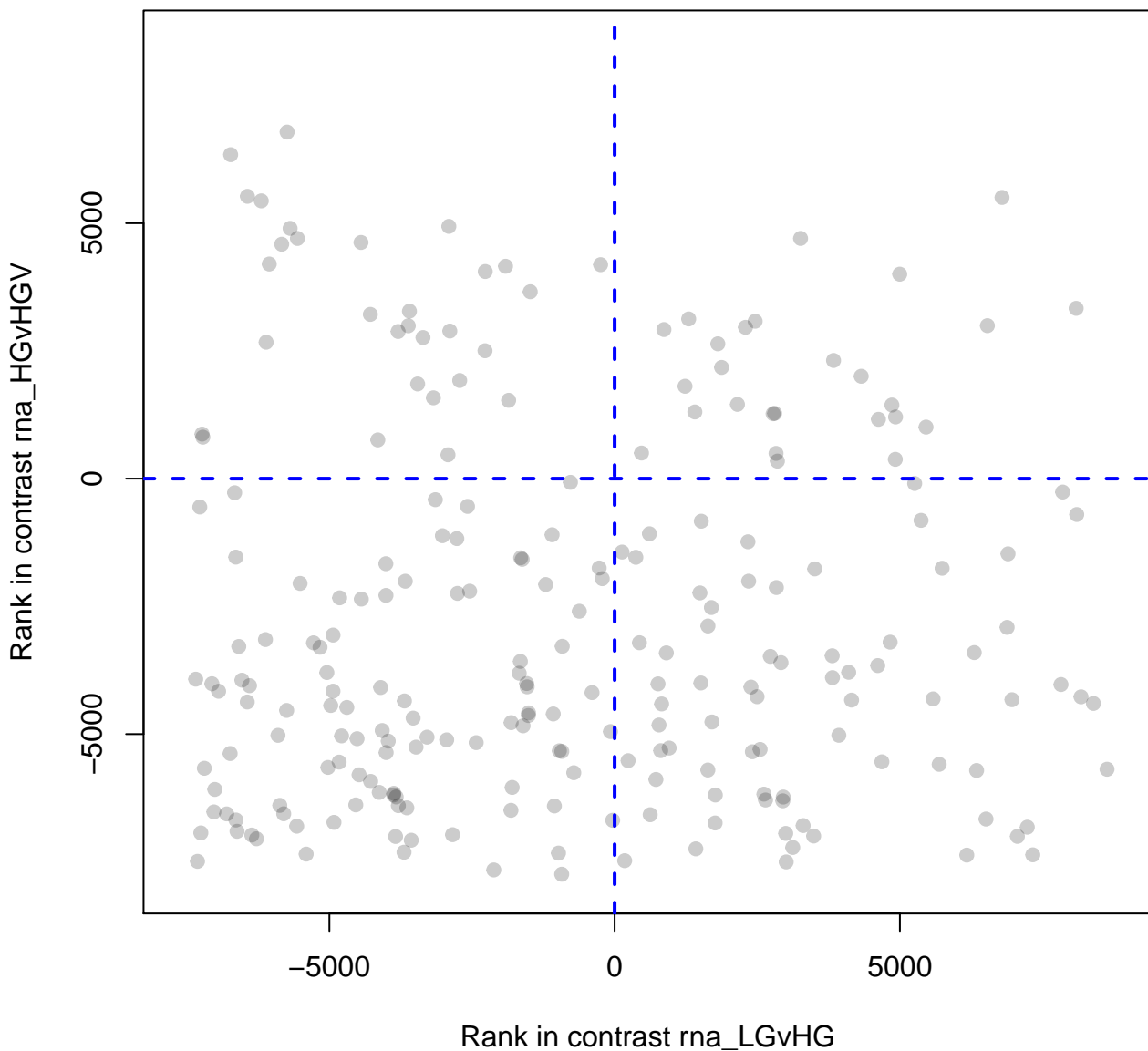
# Metabolism of proteins



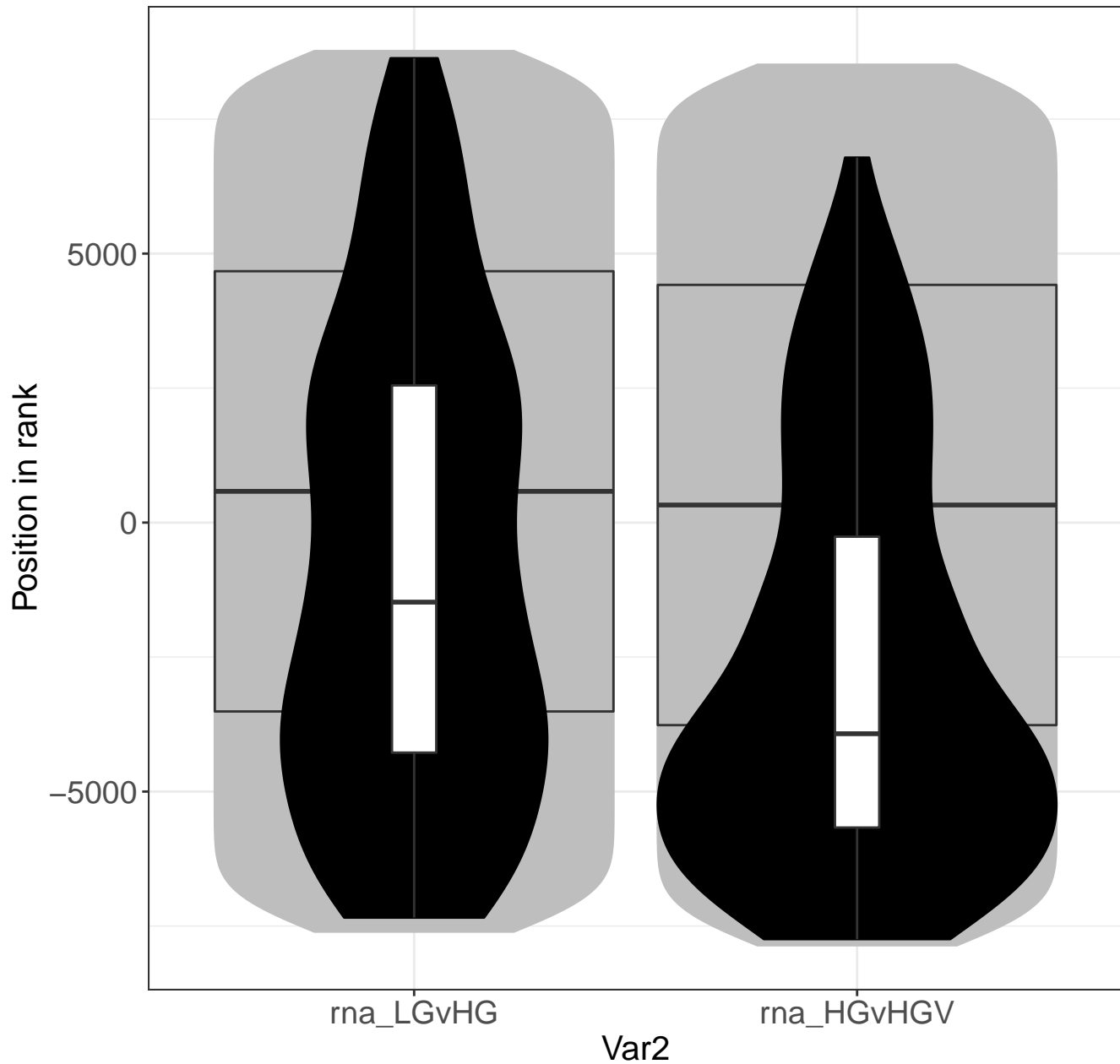
# Processing of Capped Intron-Containing Pre-mRNA



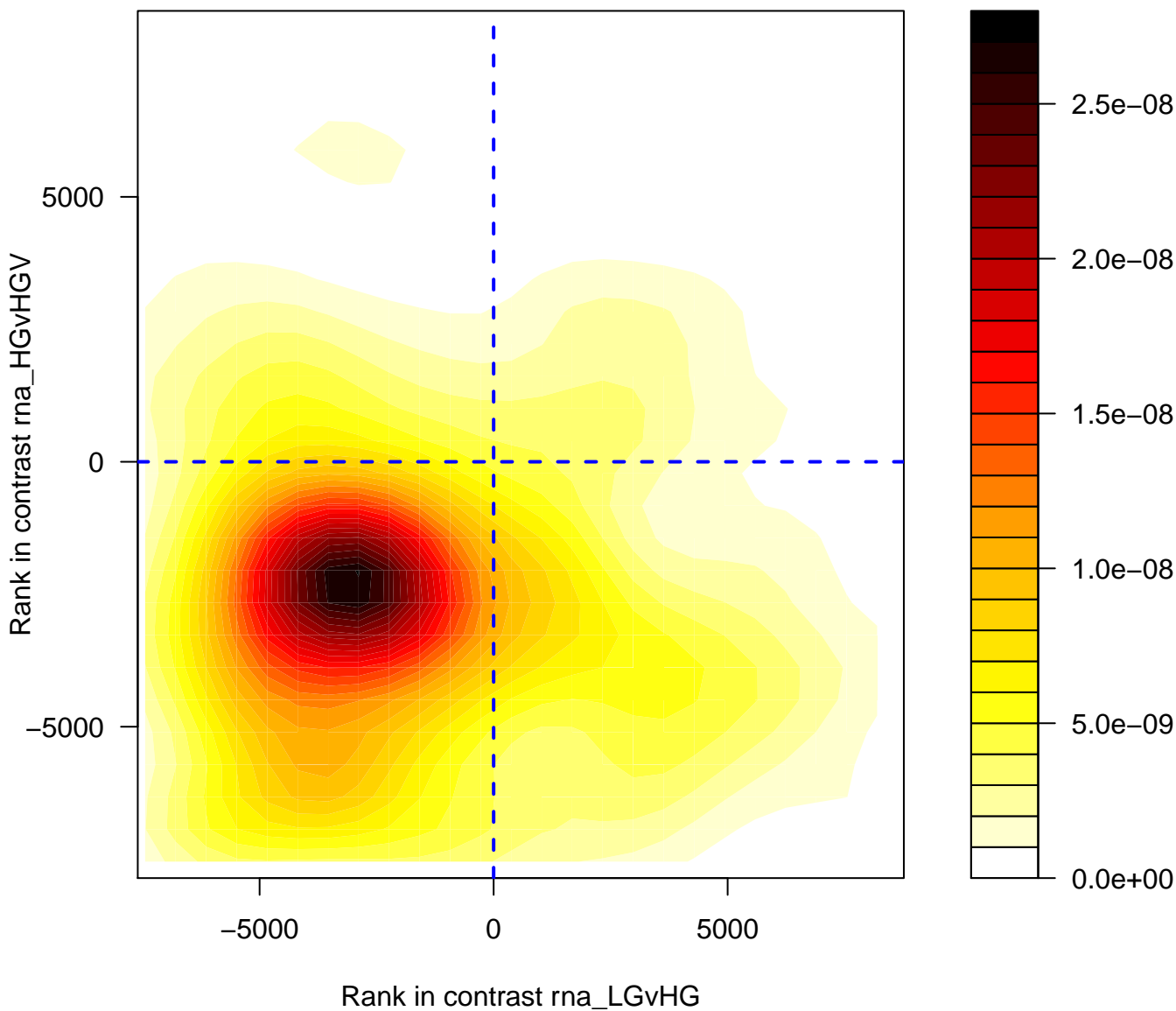
# Processing of Capped Intron-Containing Pre-mRNA



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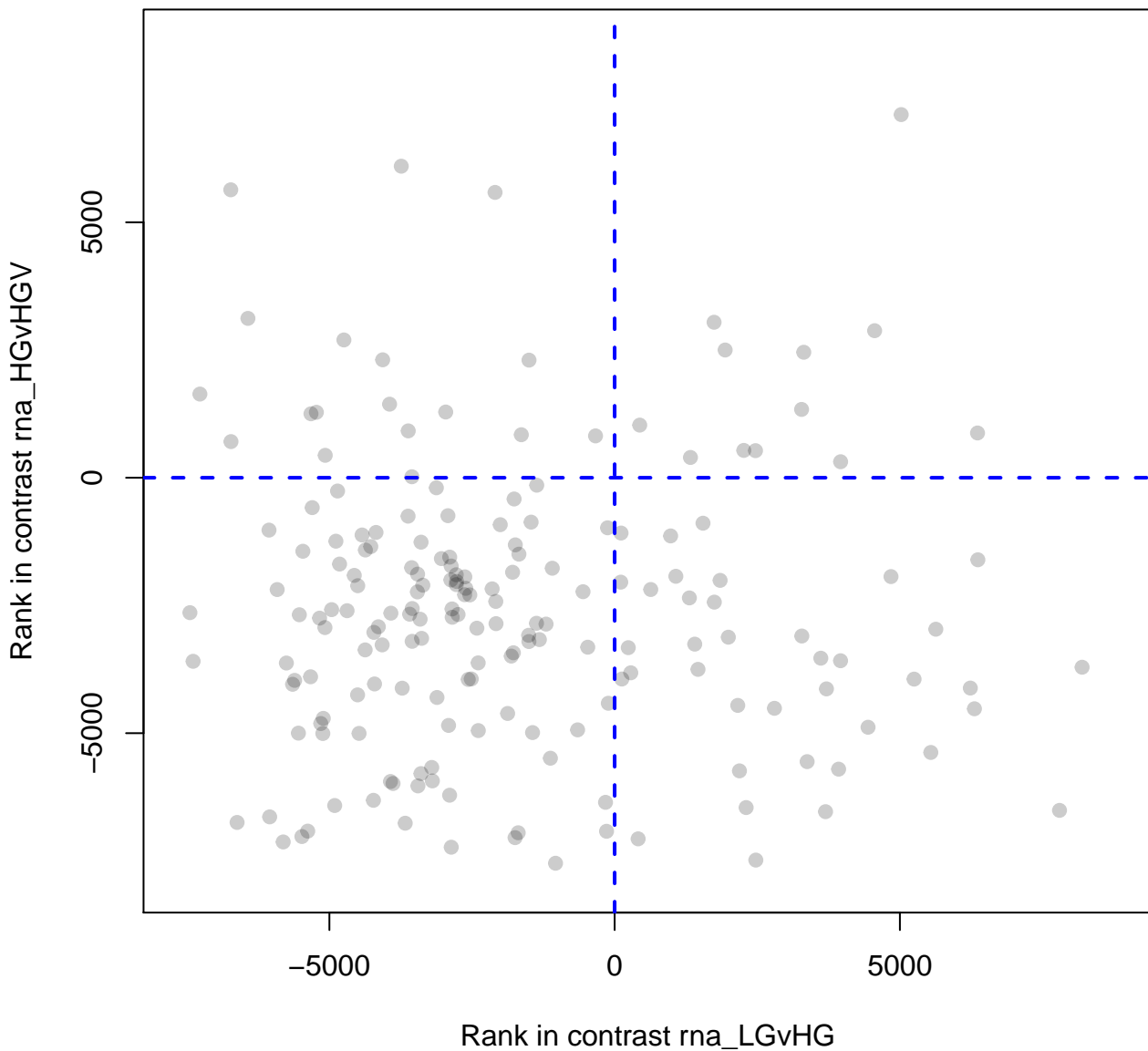


# rRNA processing in the nucleus and cytosol

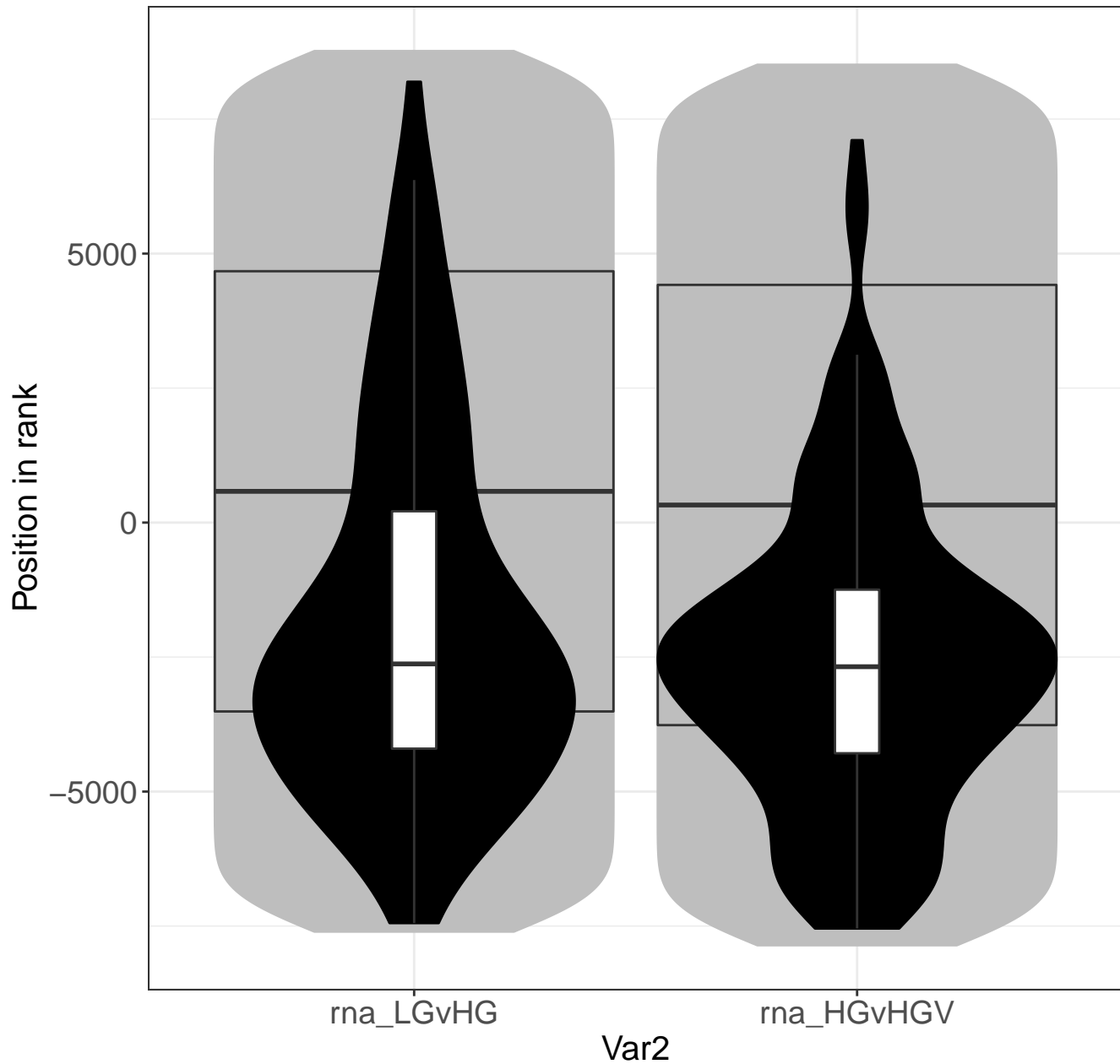




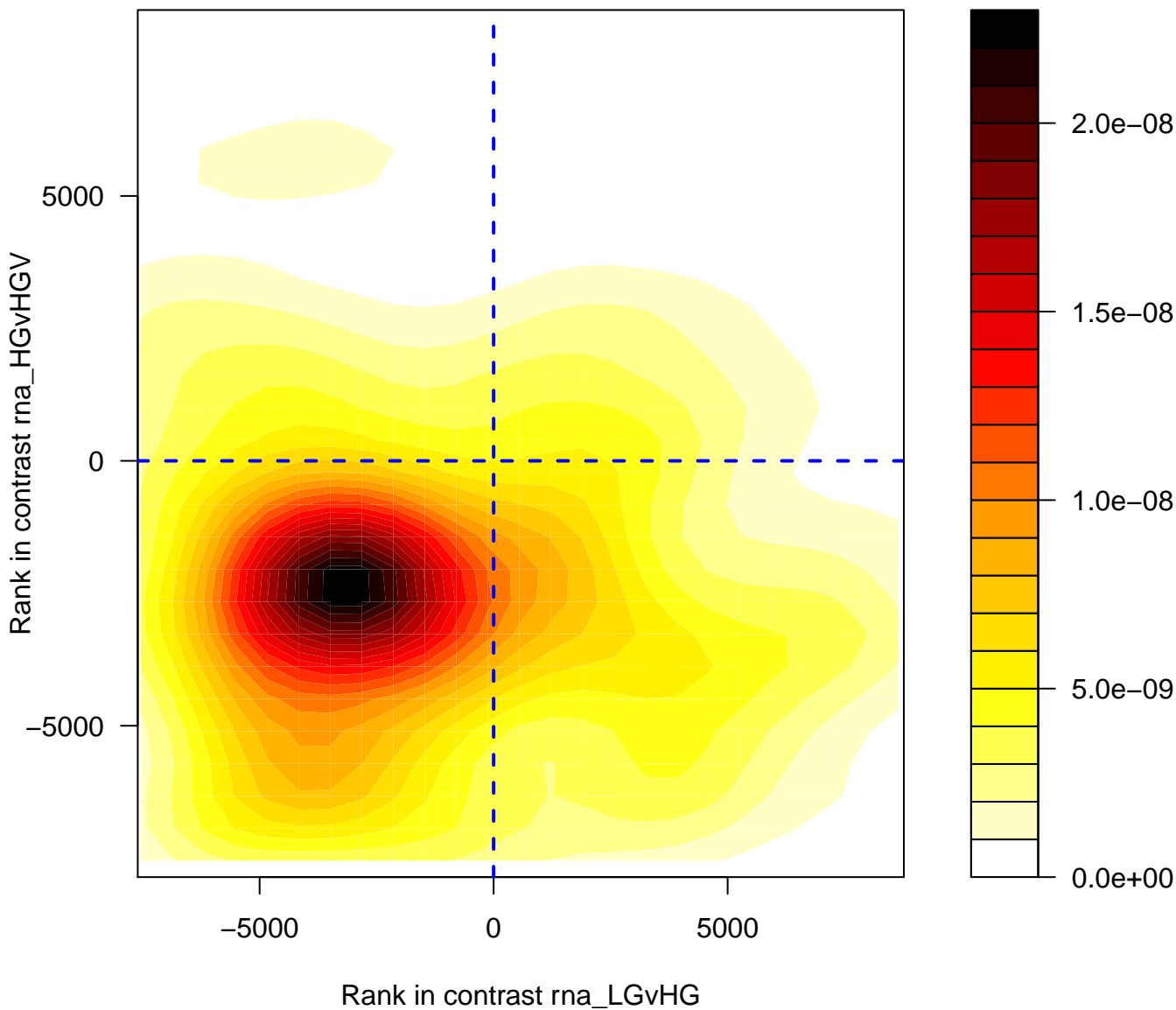
# rRNA processing in the nucleus and cytosol



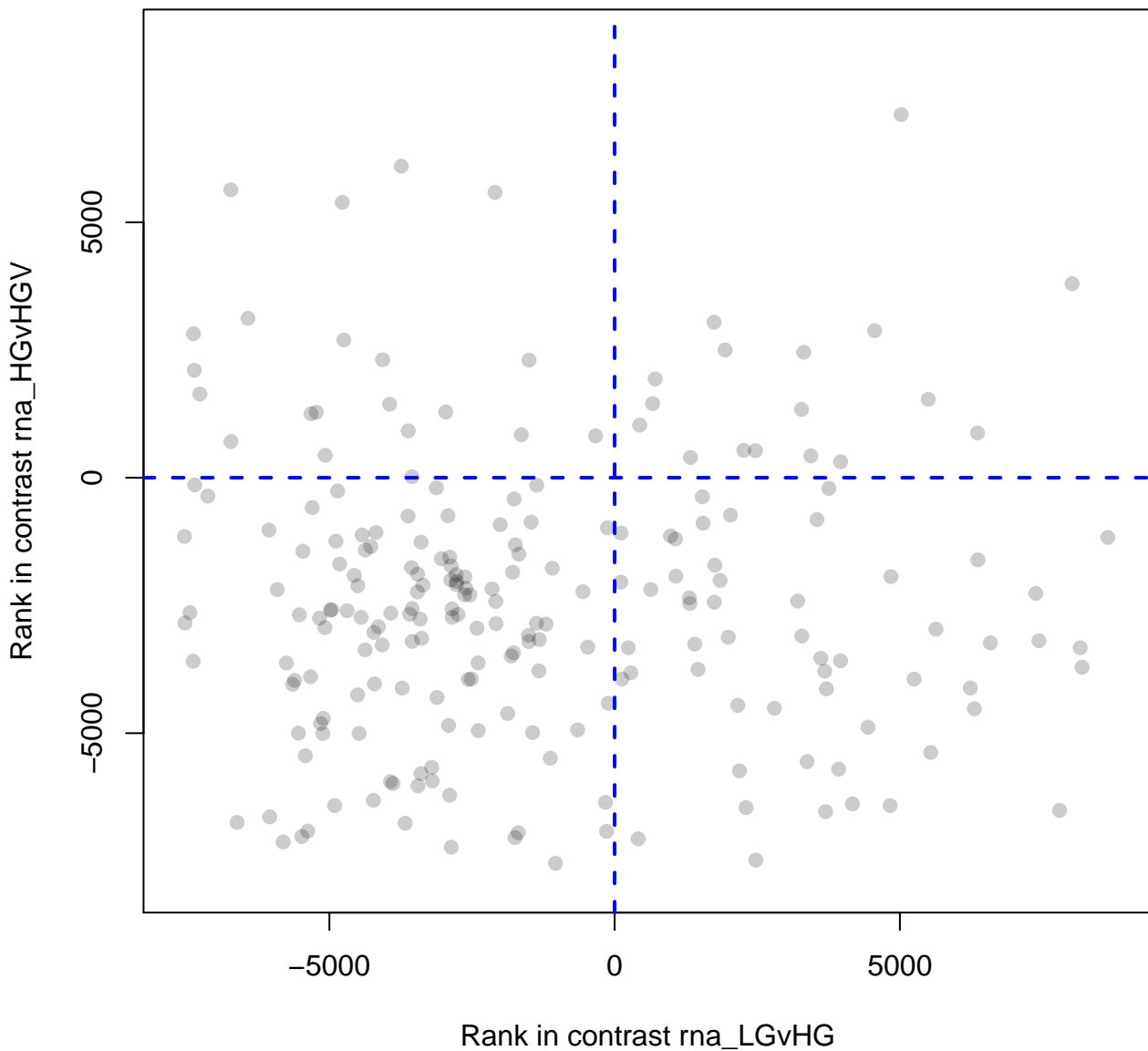
# rRNA processing in the nucleus and cytosol



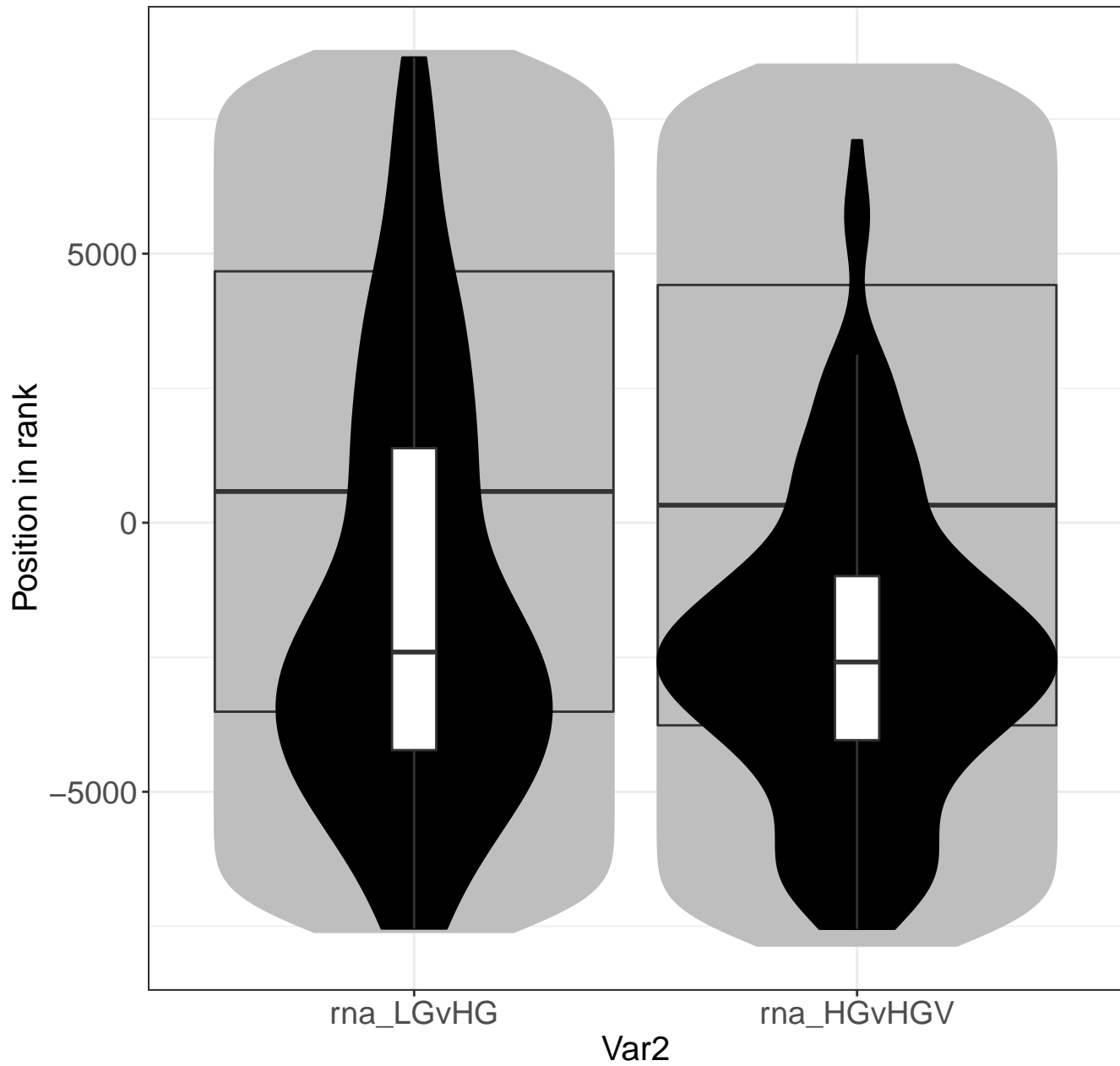
# rRNA processing



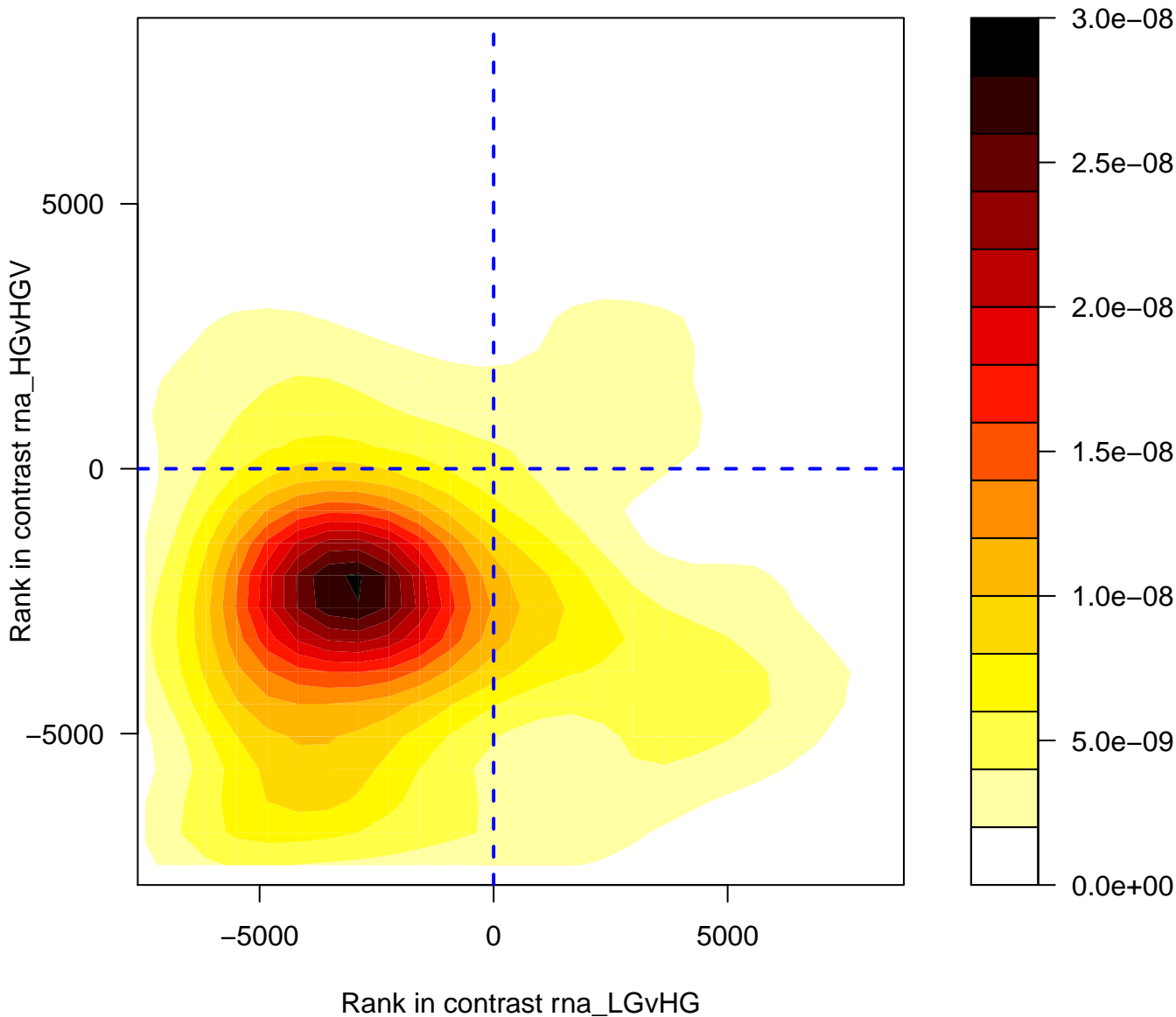
# rRNA processing



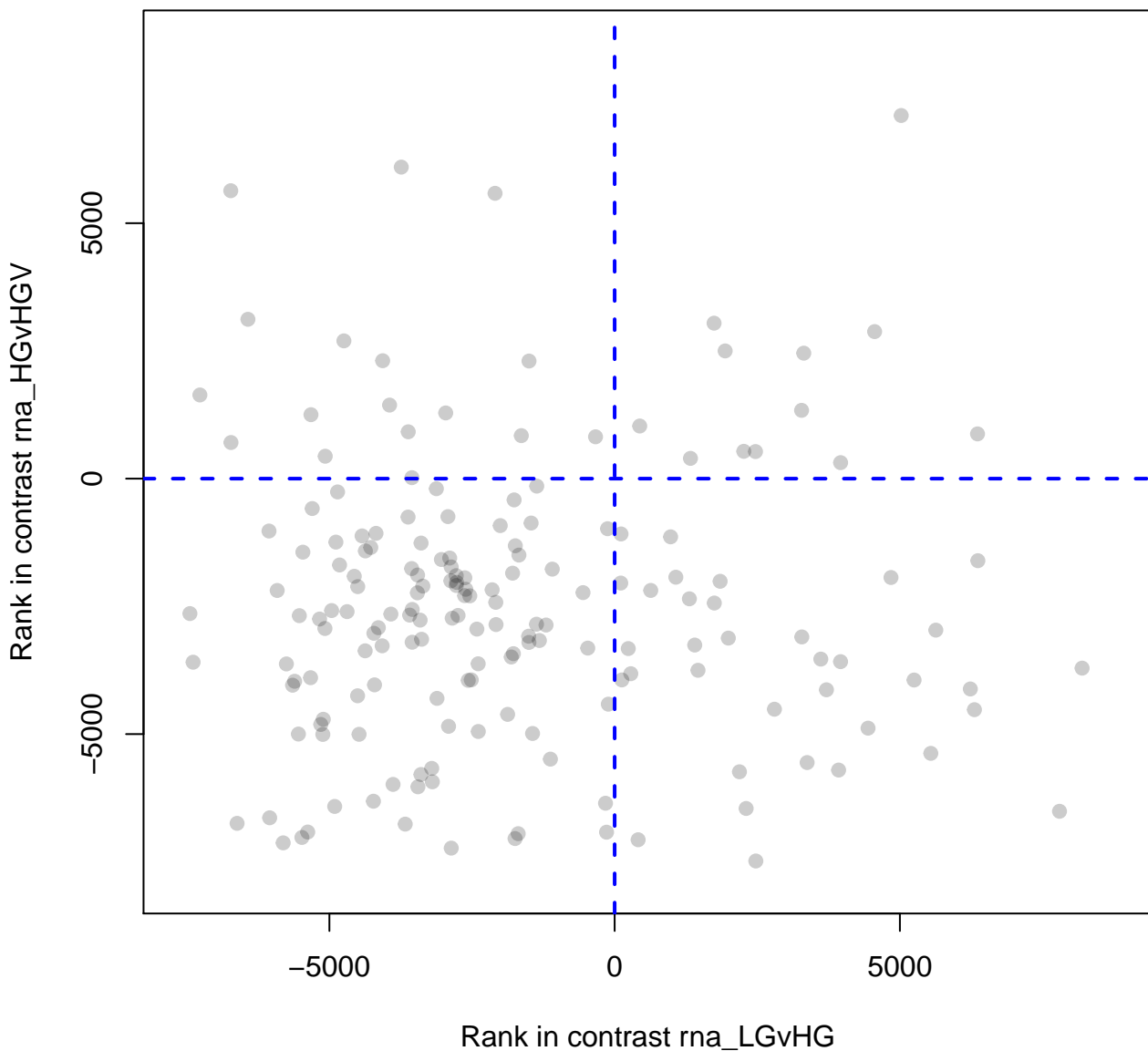
# rRNA processing



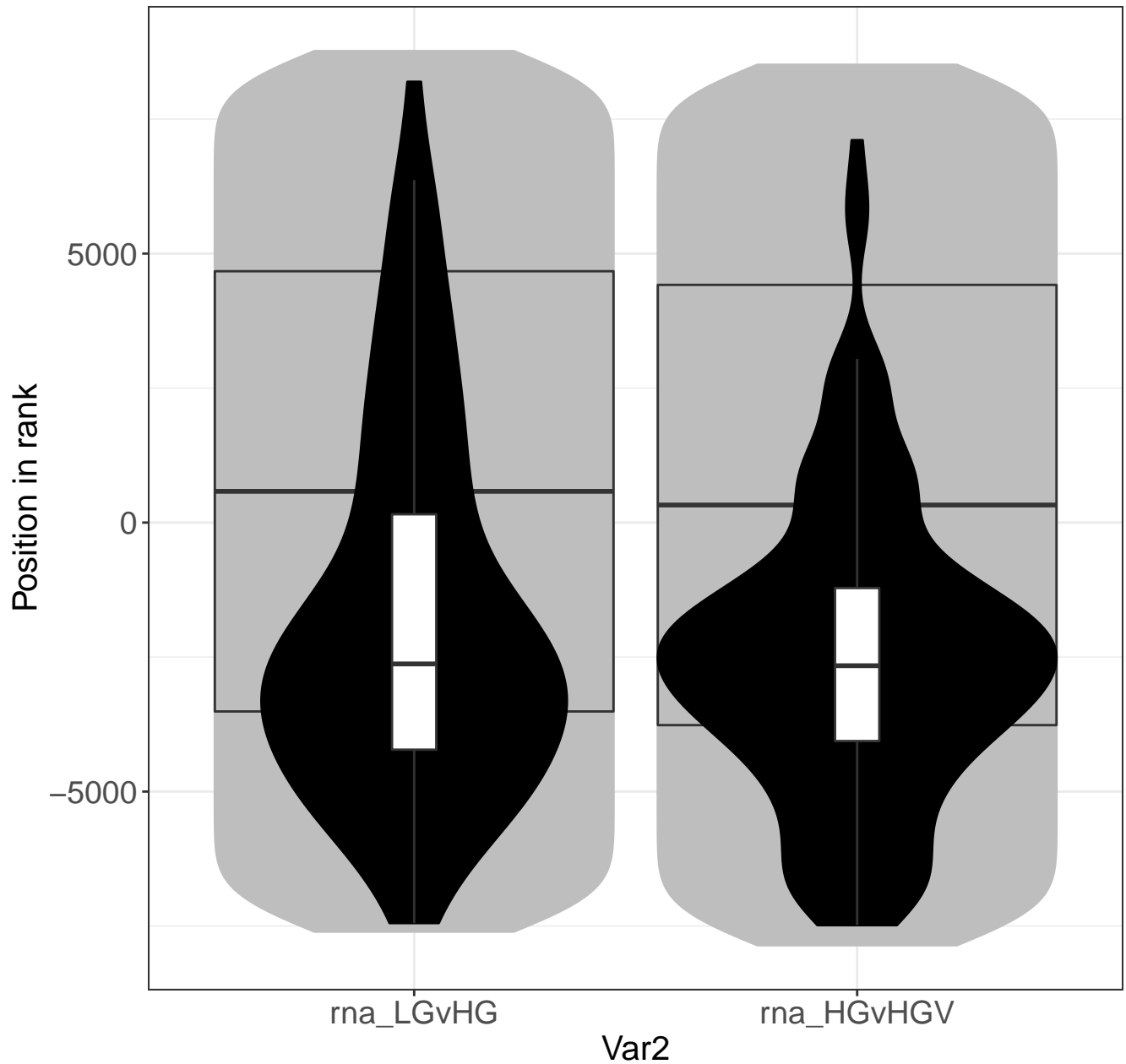
## Major pathway of rRNA processing in the nucleolus and cy



# Major pathway of rRNA processing in the nucleolus and cytosol

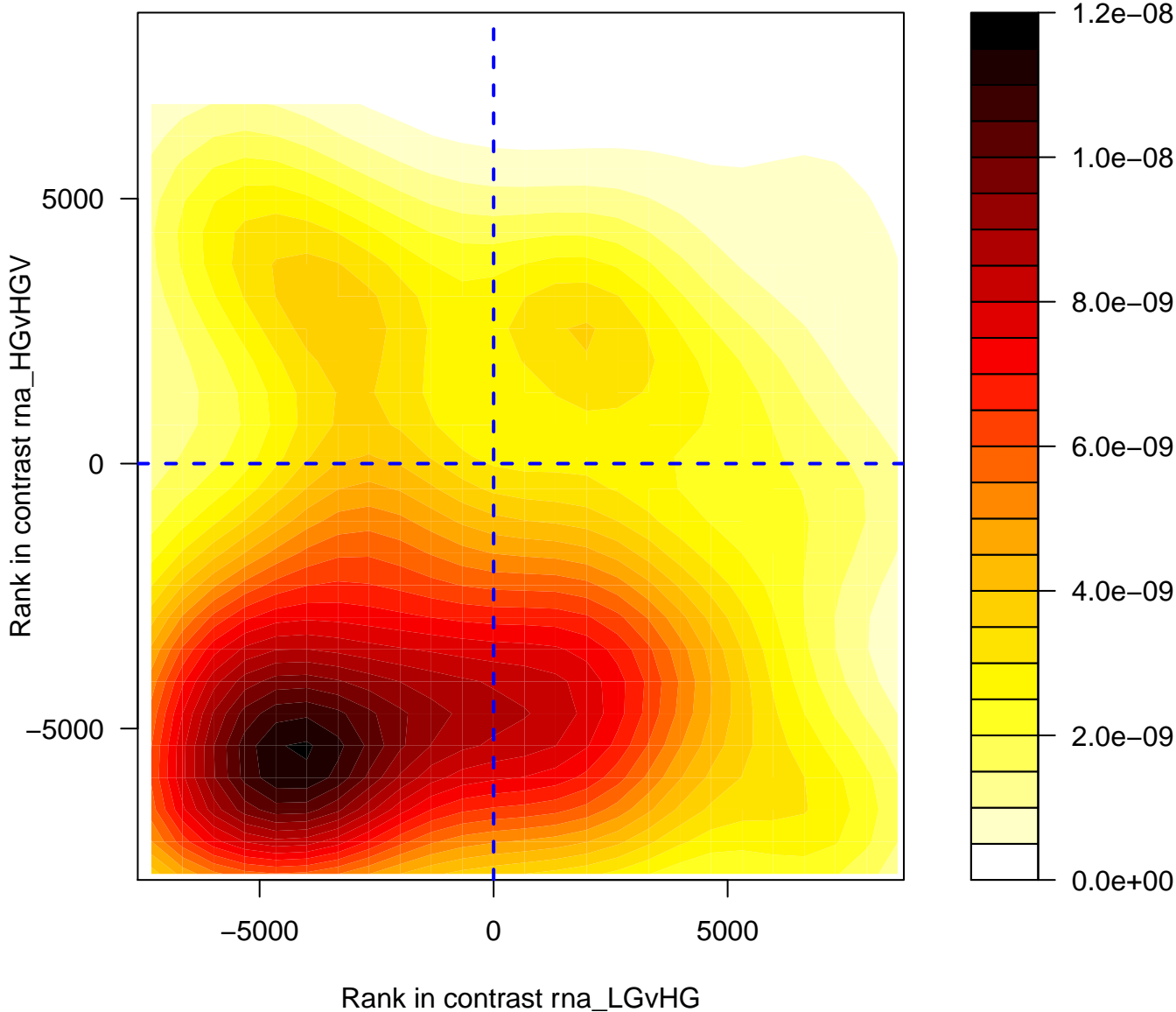


# Major pathway of rRNA processing in the nucleolus

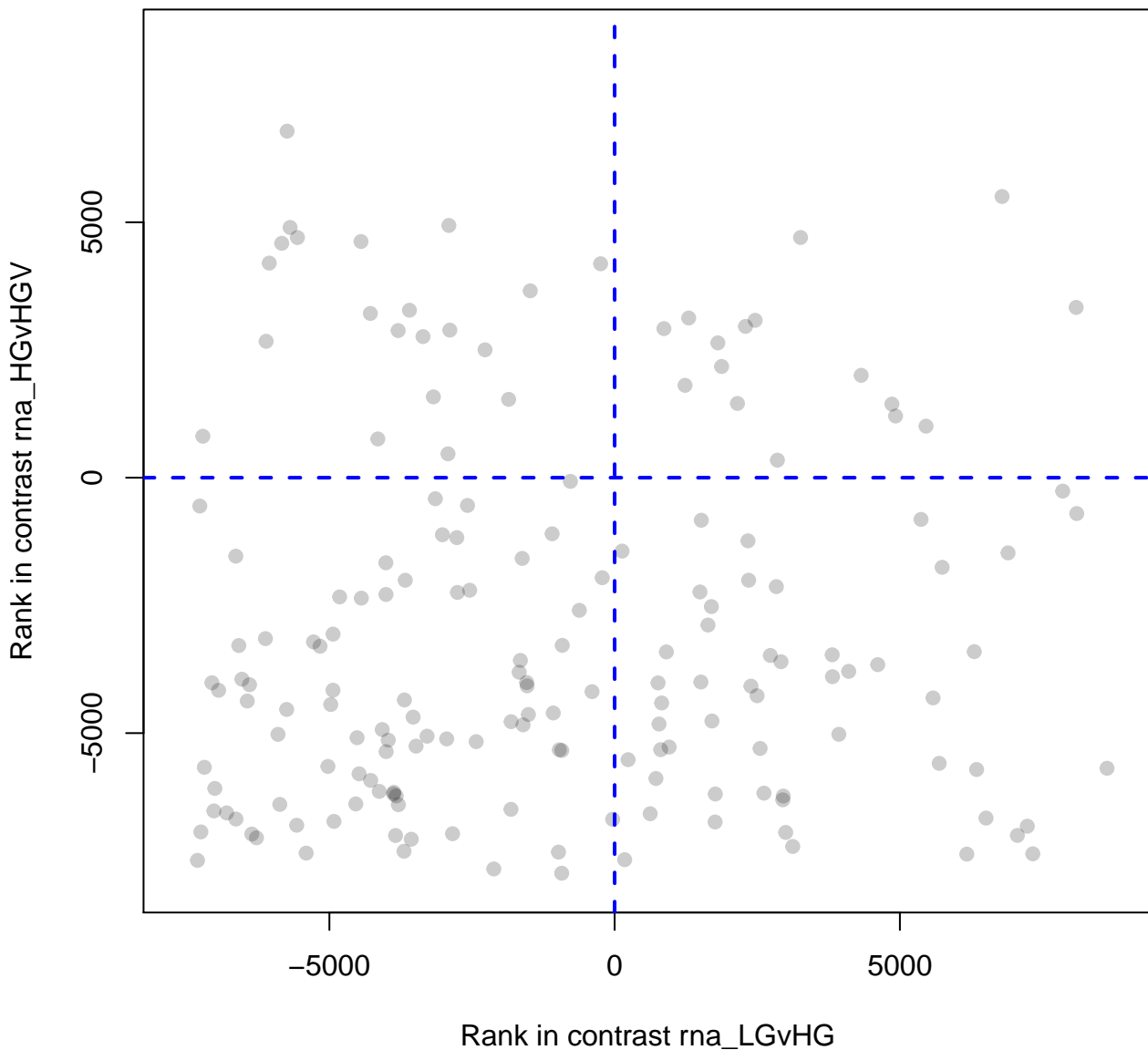




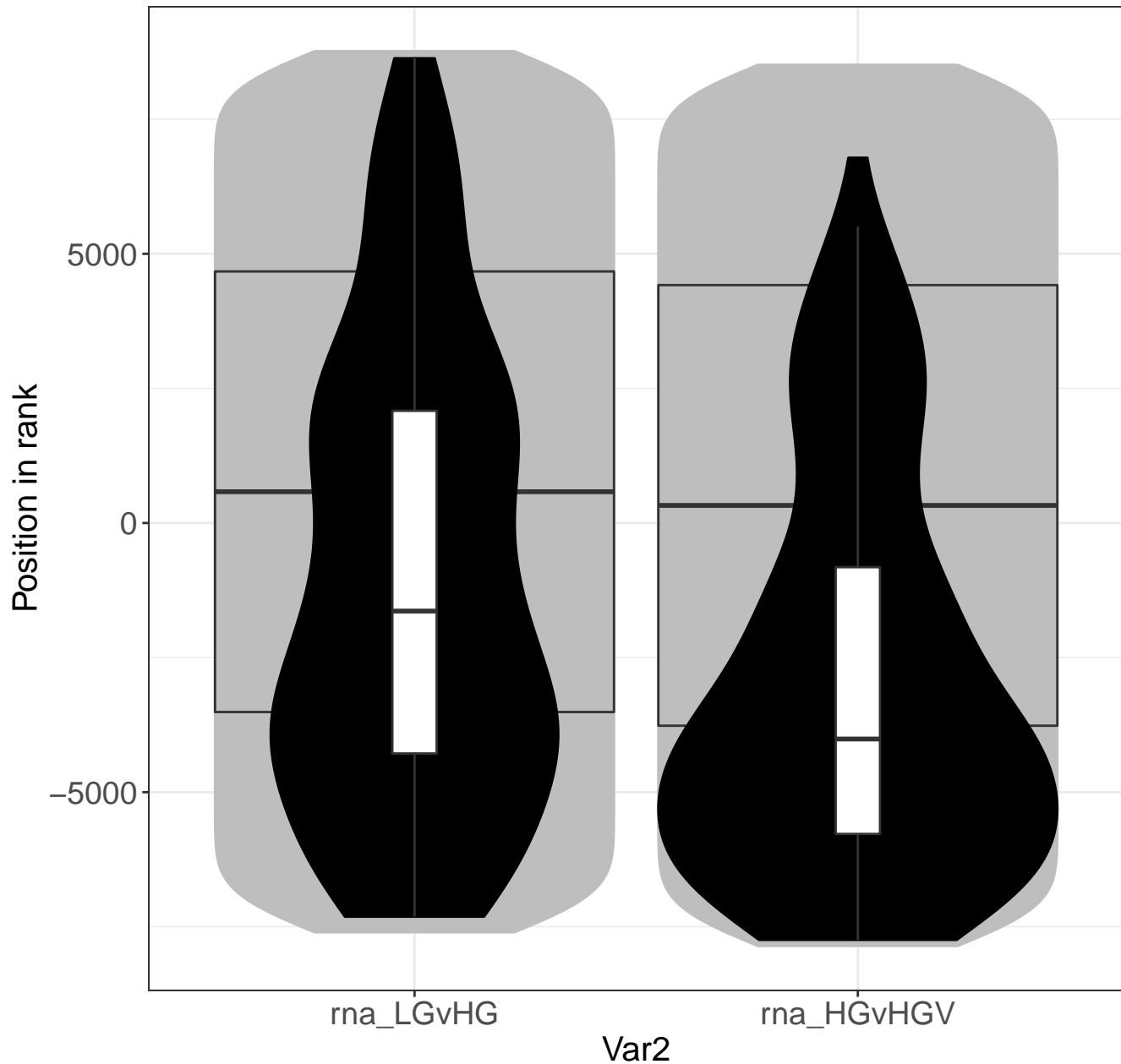
## mRNA Splicing – Major Pathway



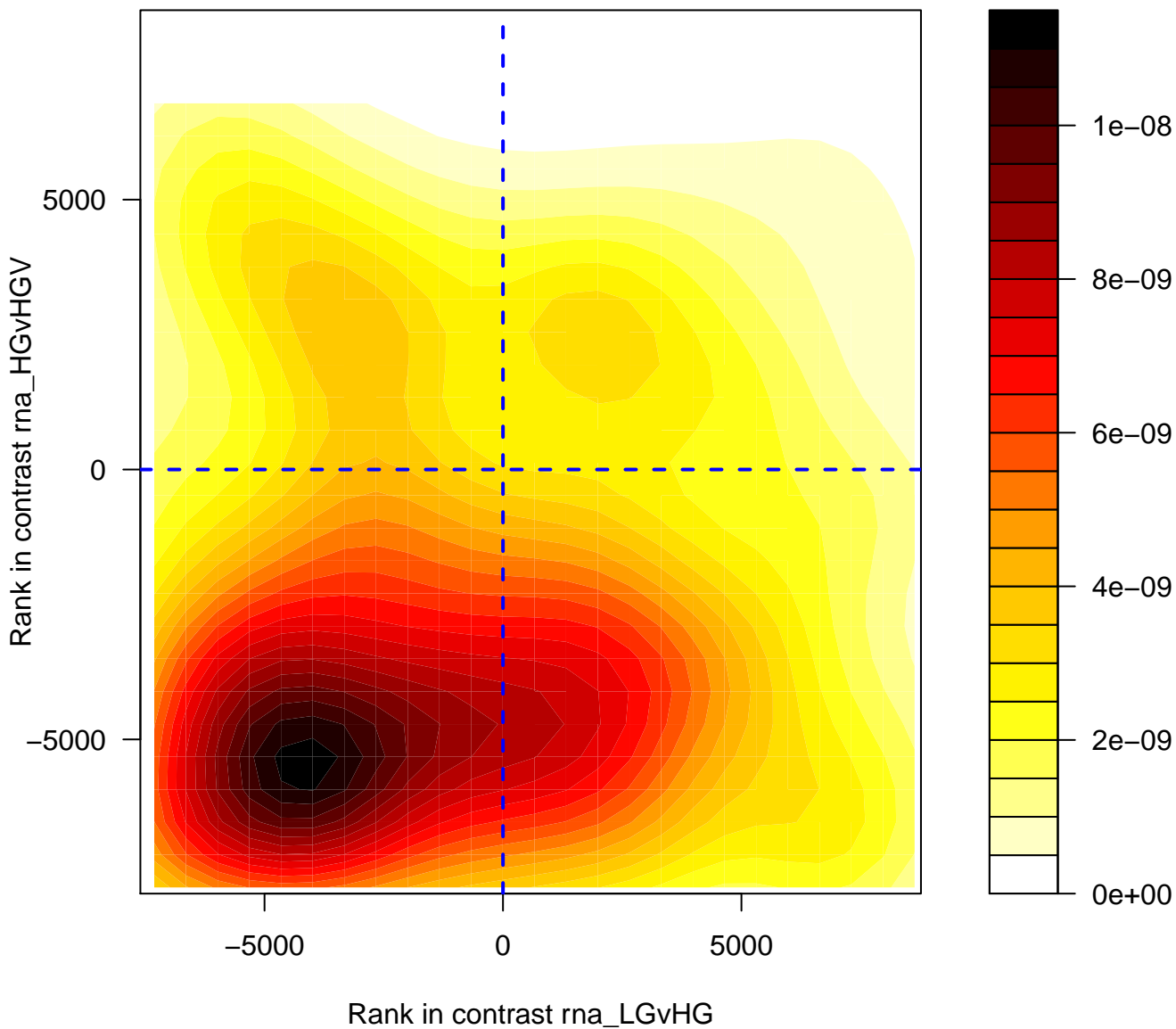
## mRNA Splicing – Major Pathway



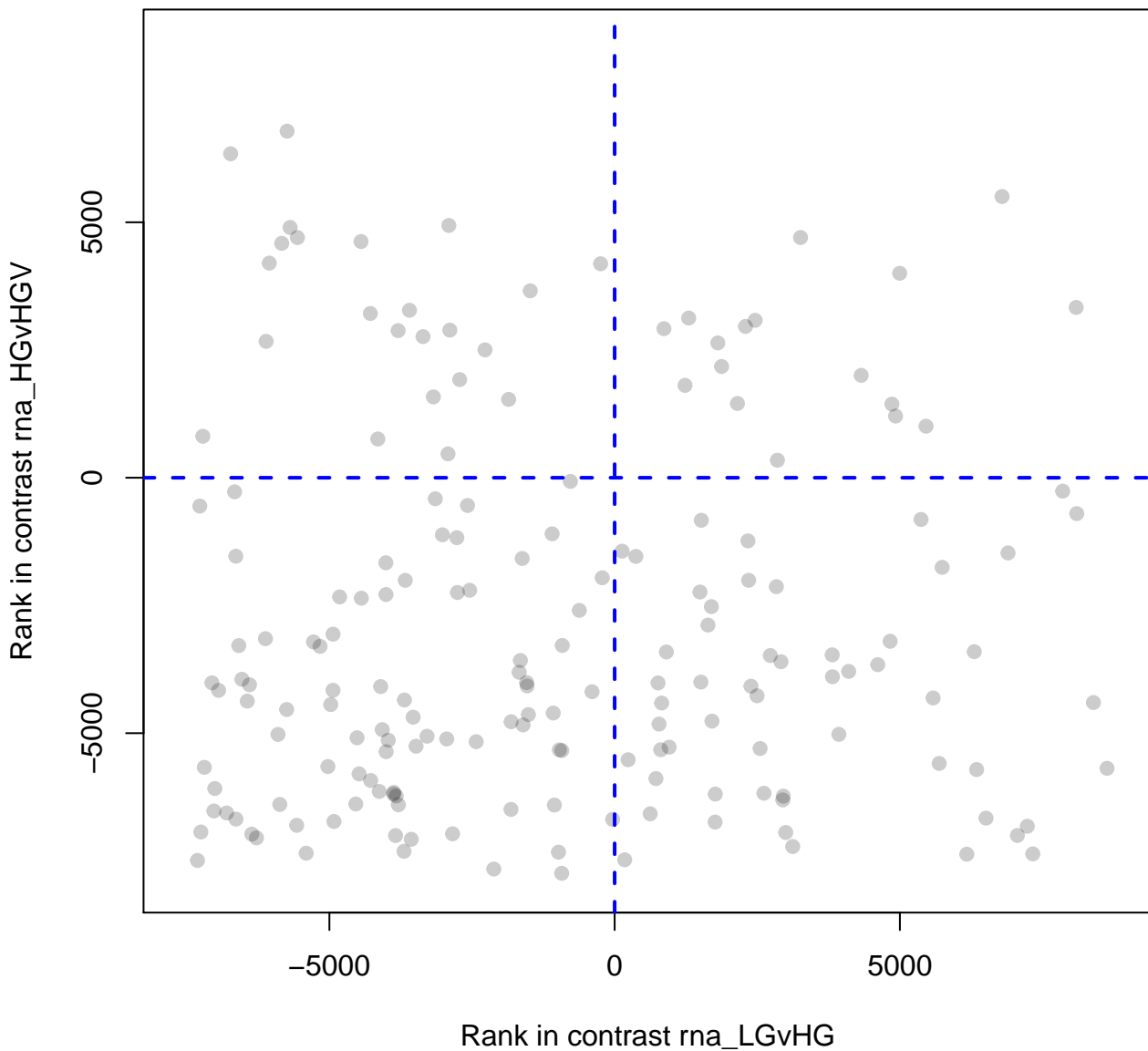
# mRNA Splicing – Major Pathway



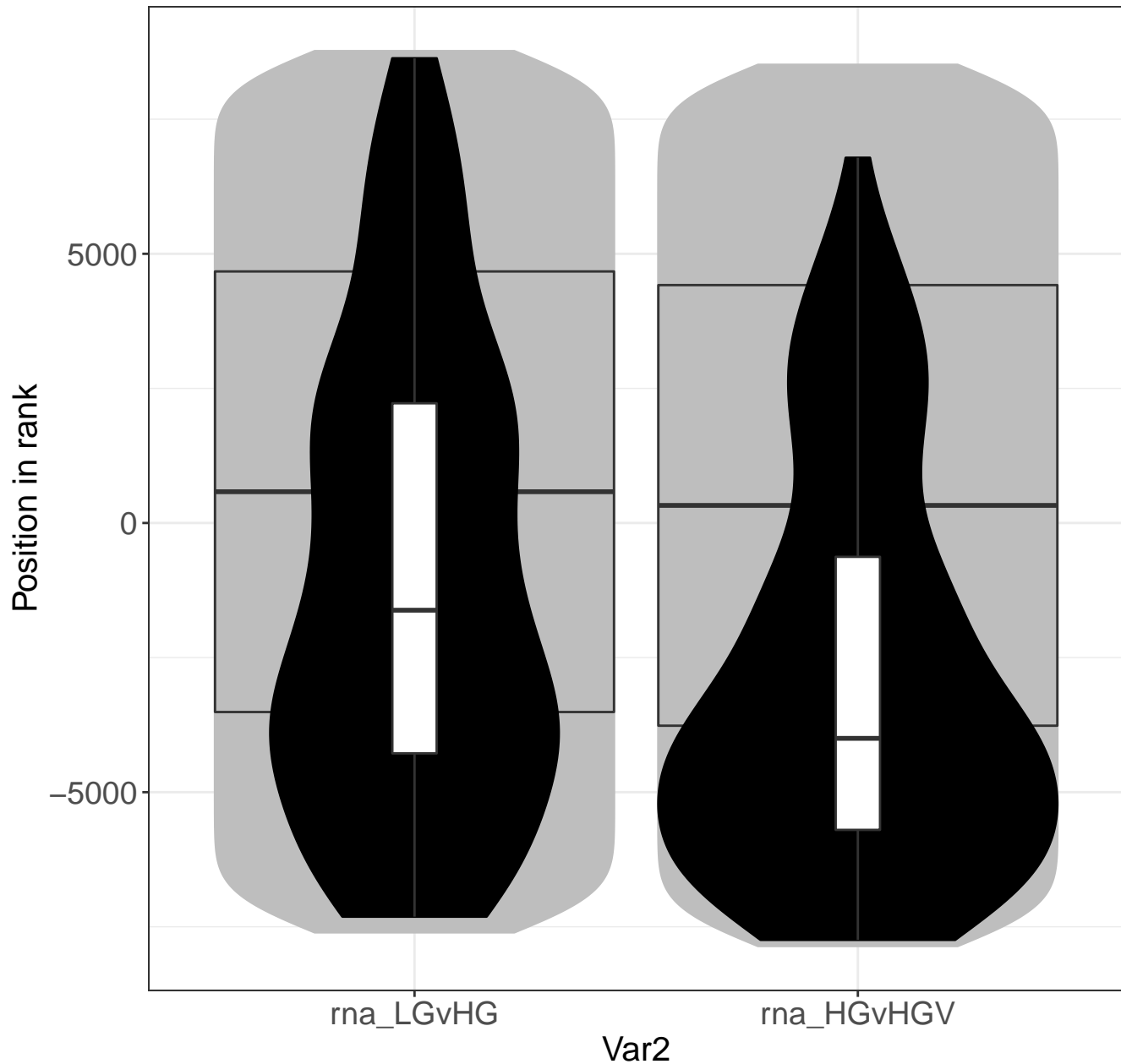
# mRNA Splicing



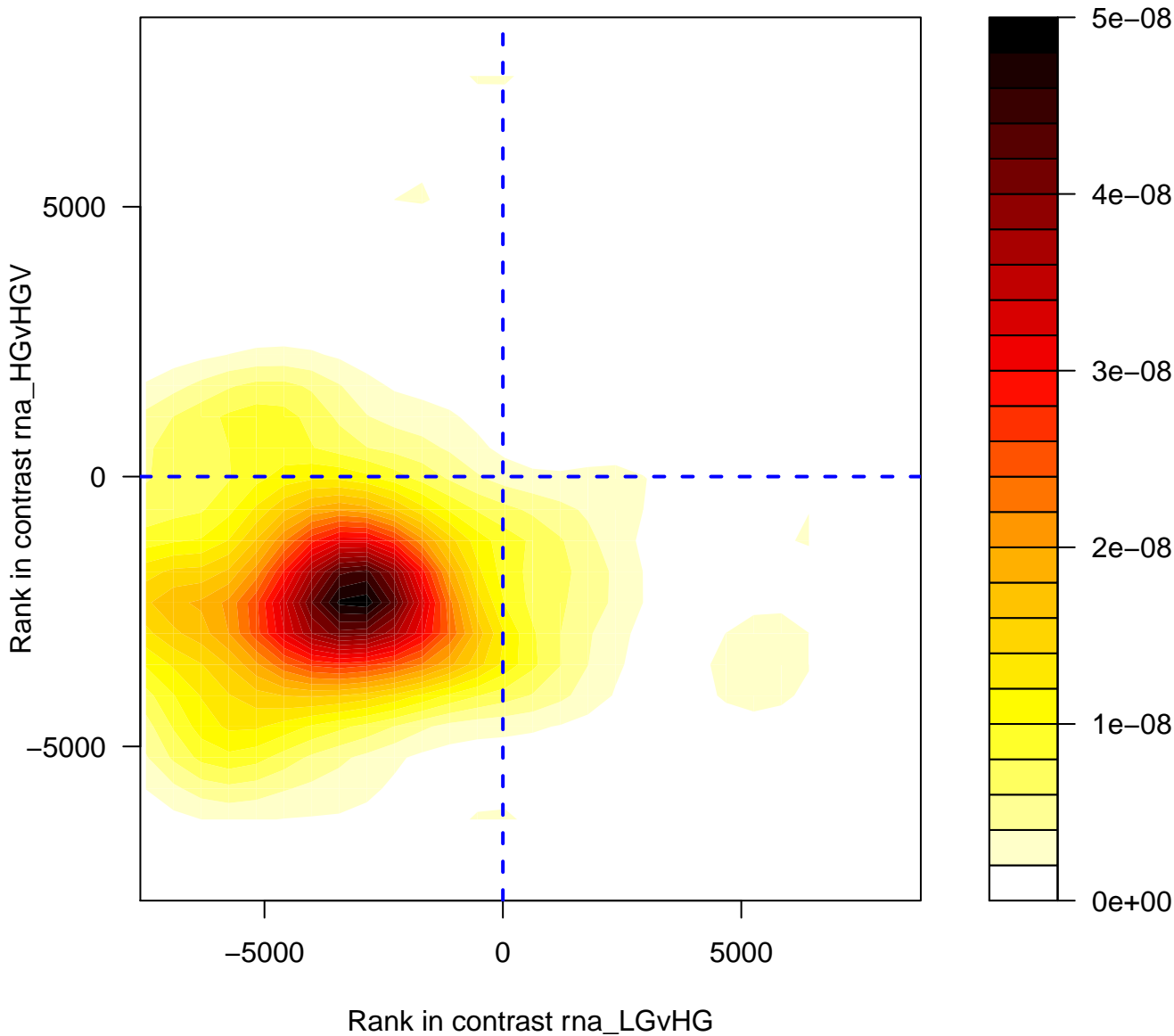
# mRNA Splicing



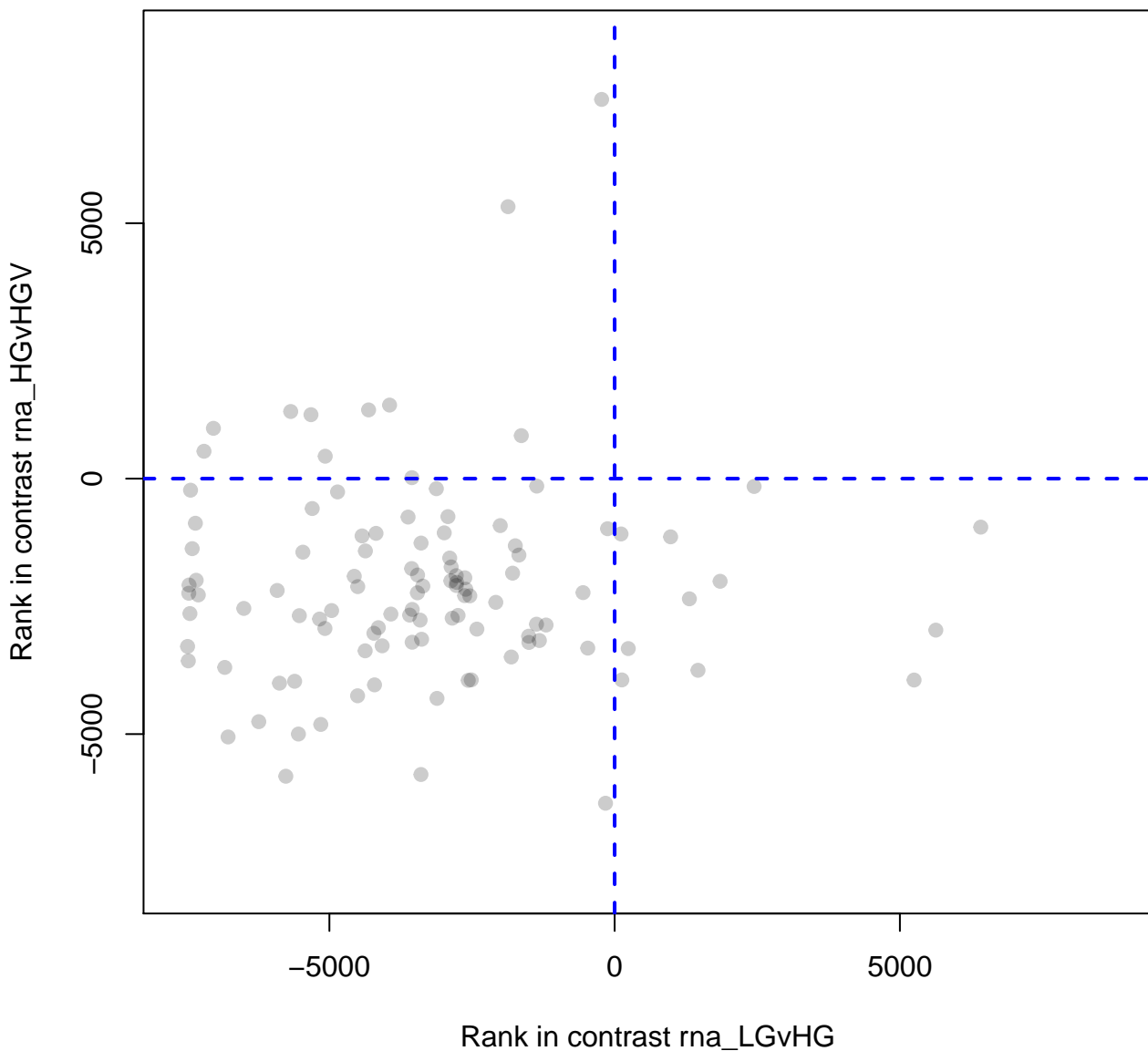
# mRNA Splicing



**SRP-dependent cotranslational protein targeting to memb**

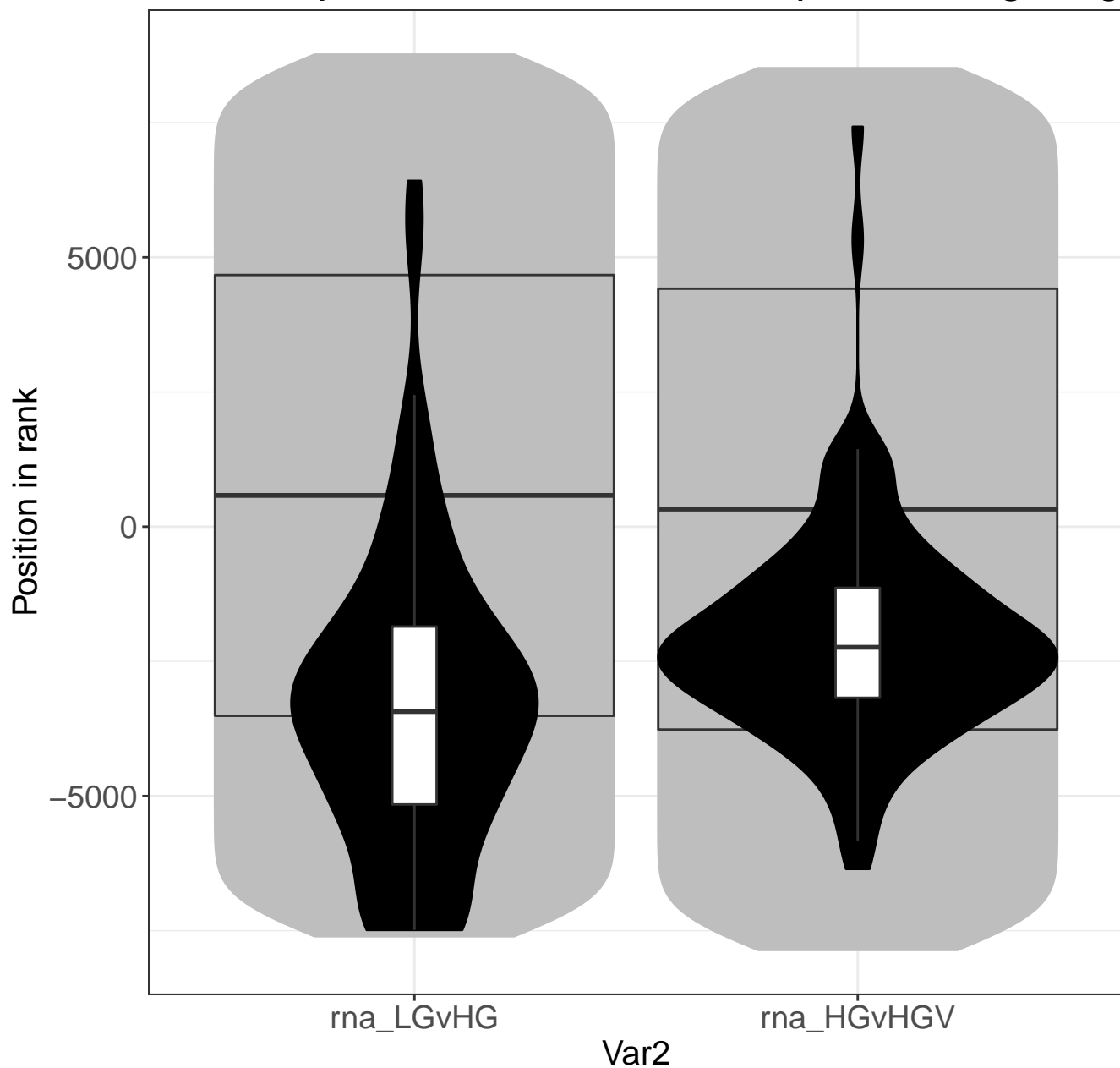


# SRP-dependent cotranslational protein targeting to membrane

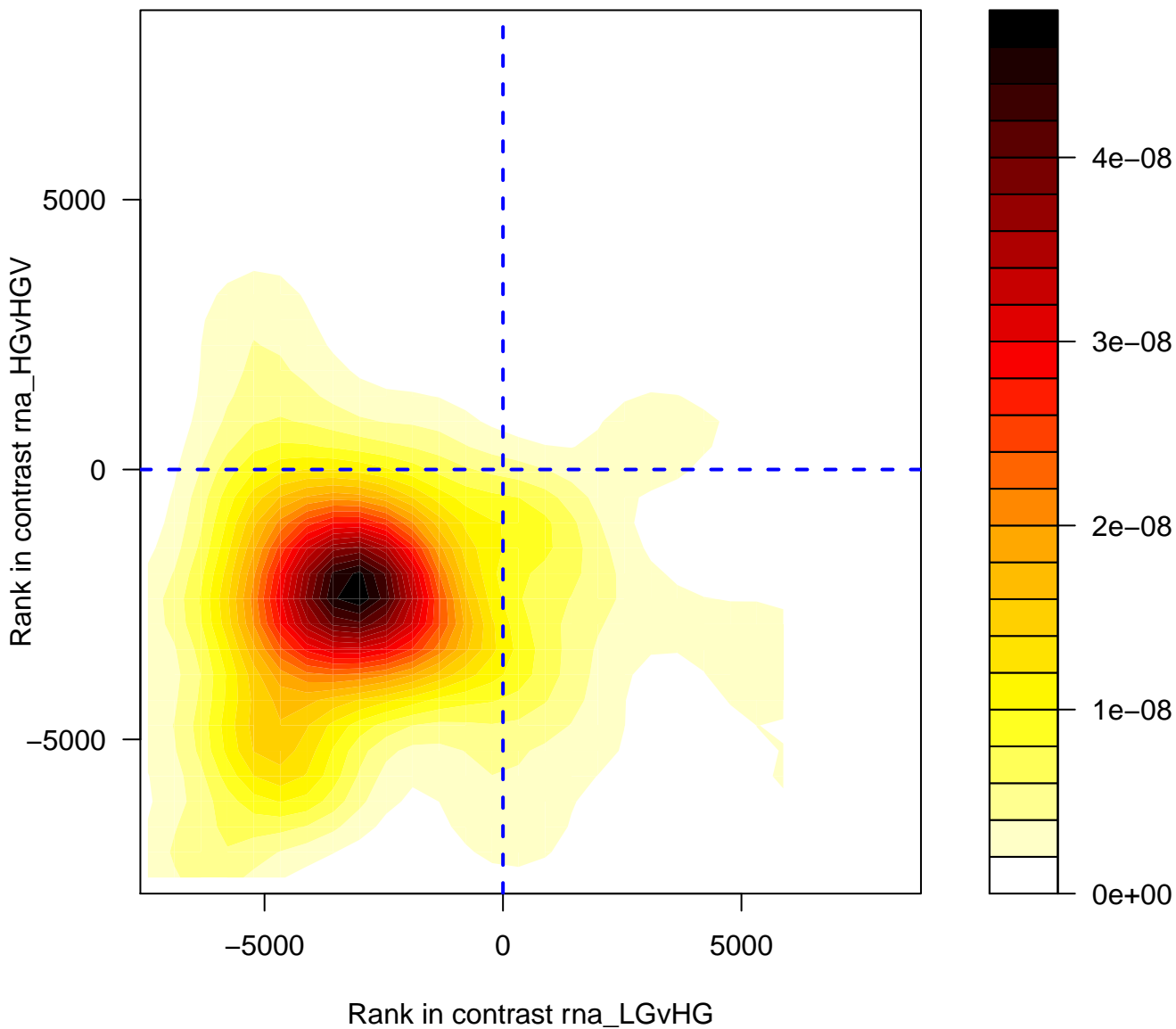




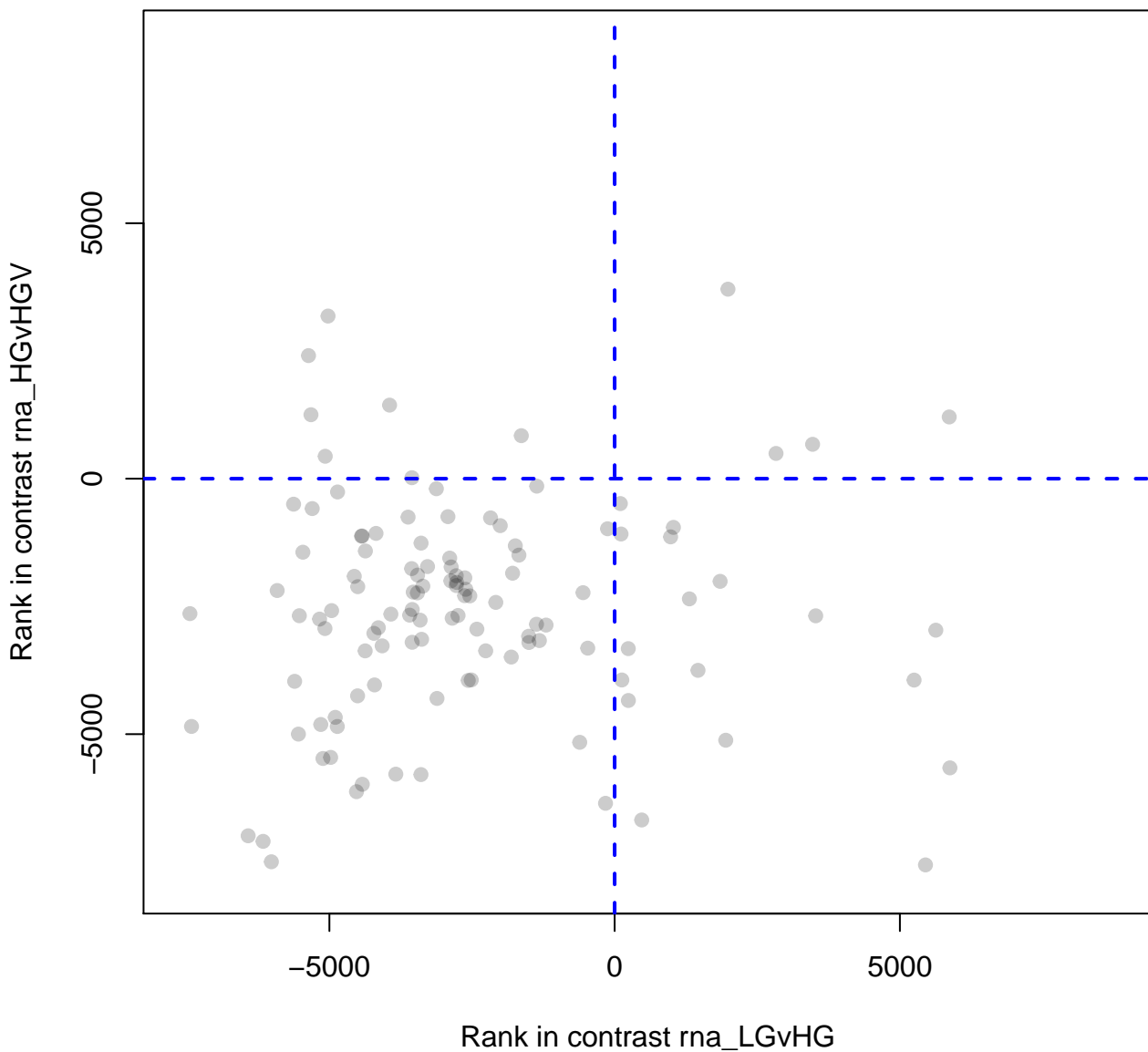
# SRP-dependent cotranslational protein targeting



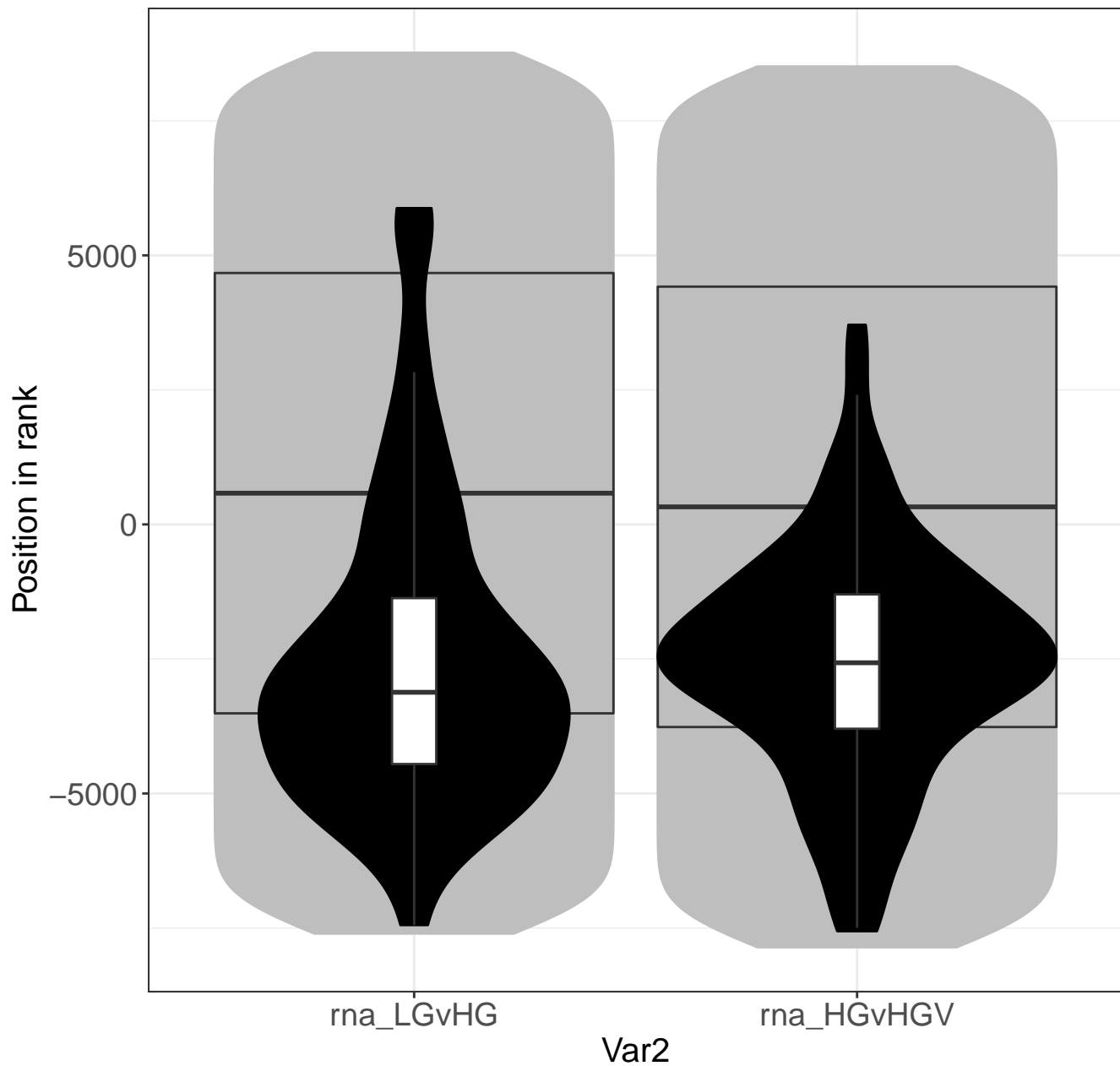
# Cap-dependent Translation Initiation



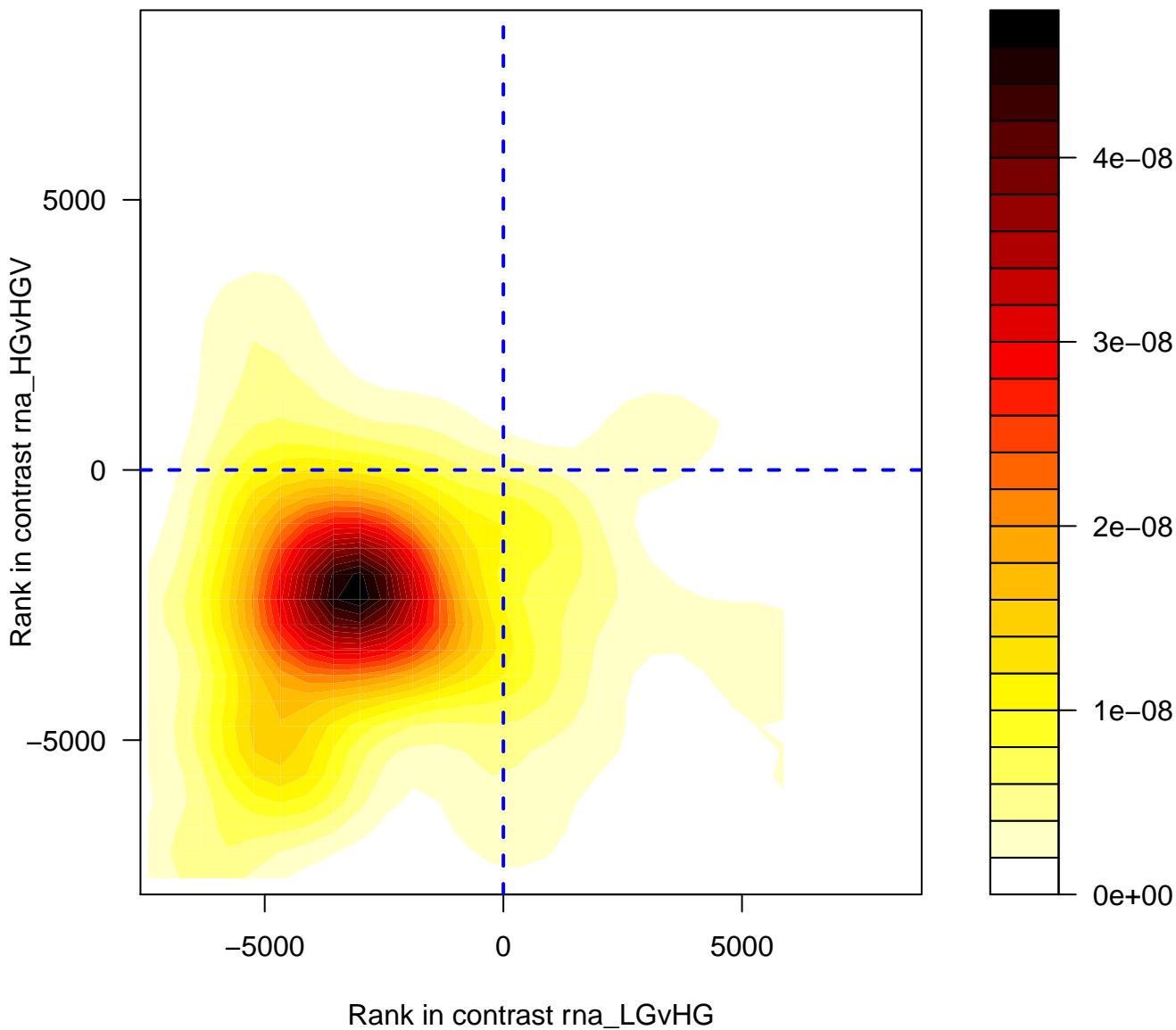
# Cap-dependent Translation Initiation



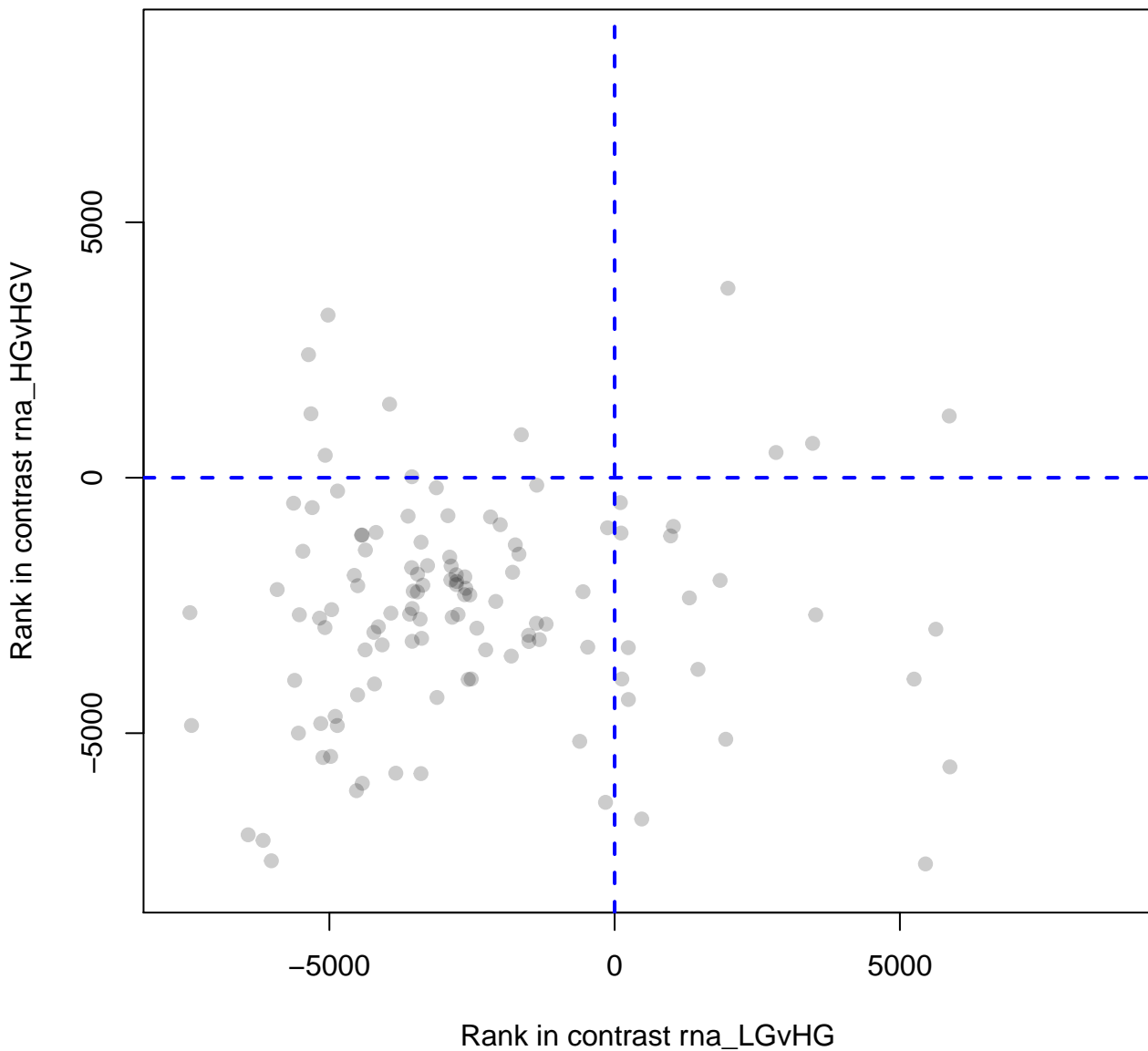
# Cap-dependent Translation Initiation



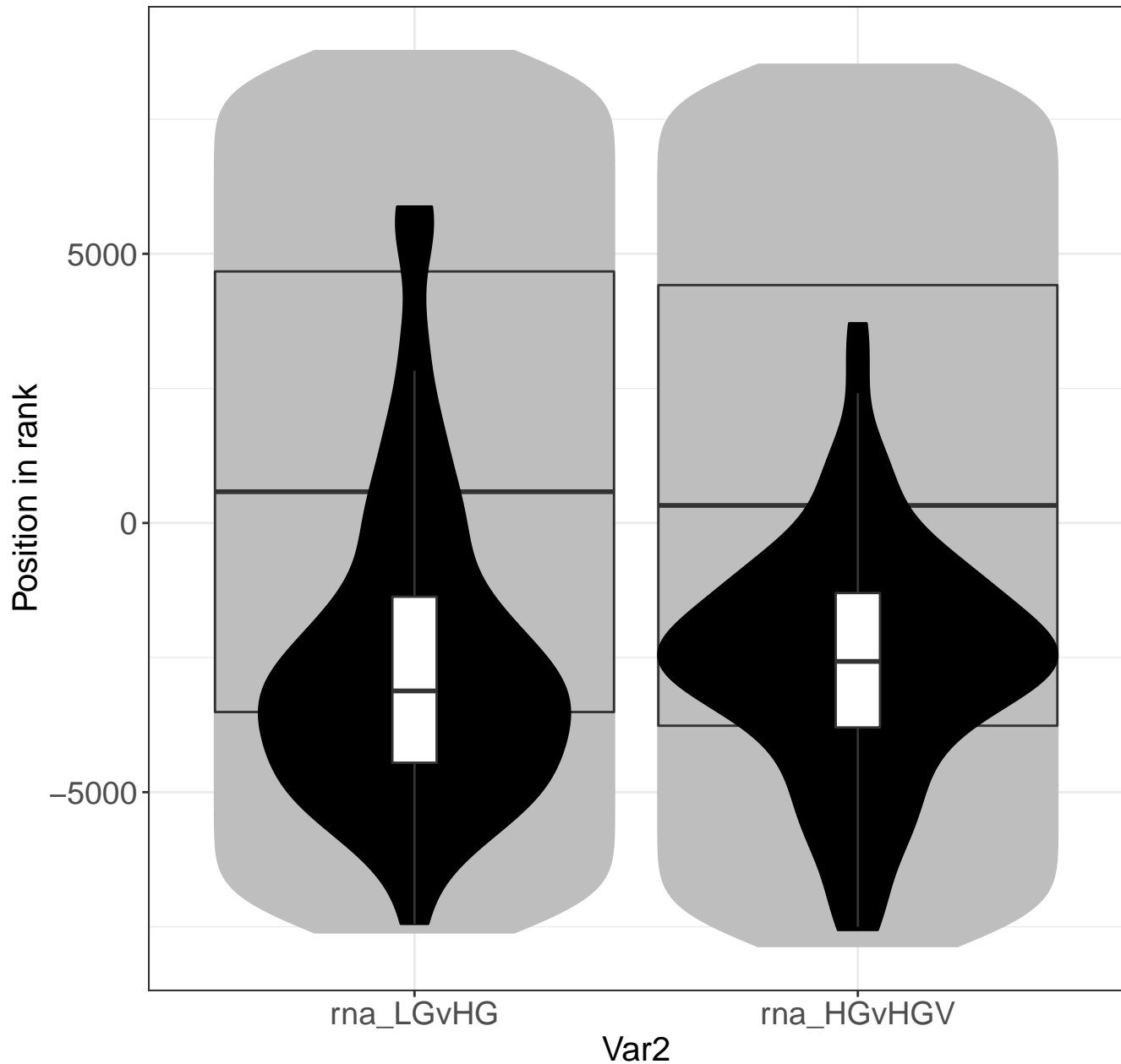
# Eukaryotic Translation Initiation



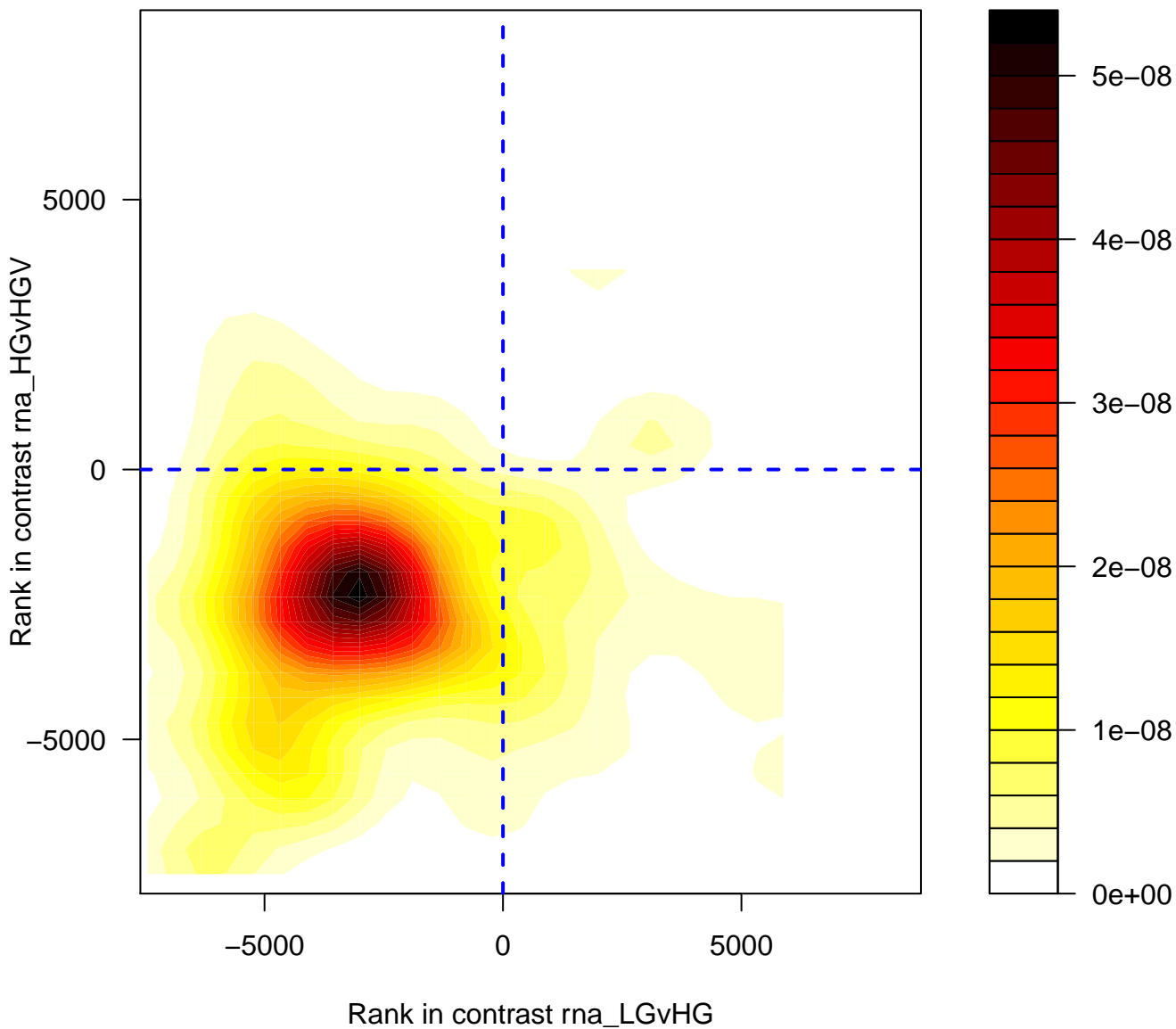
# Eukaryotic Translation Initiation



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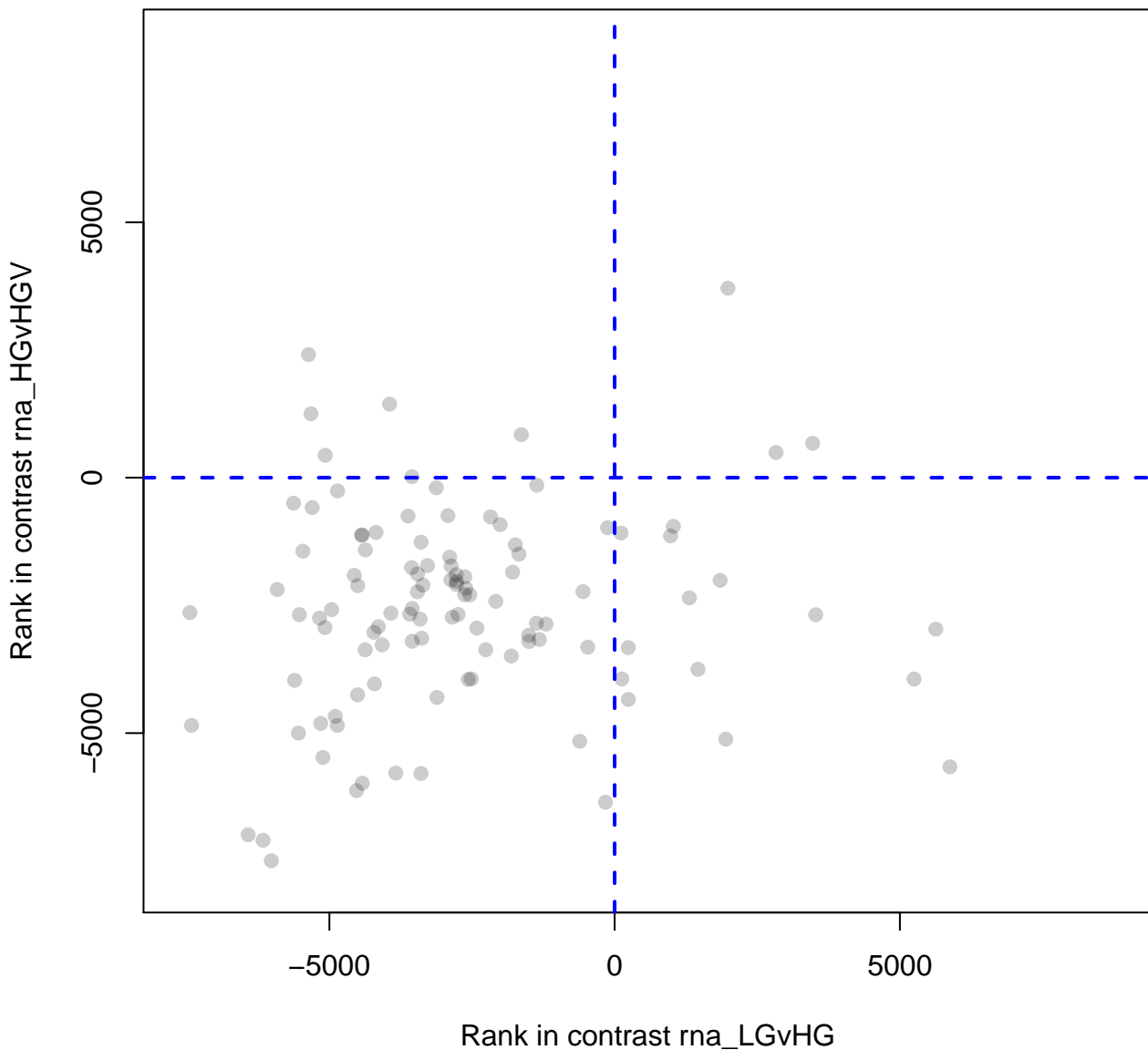


# GTP hydrolysis and joining of the 60S ribosomal subun

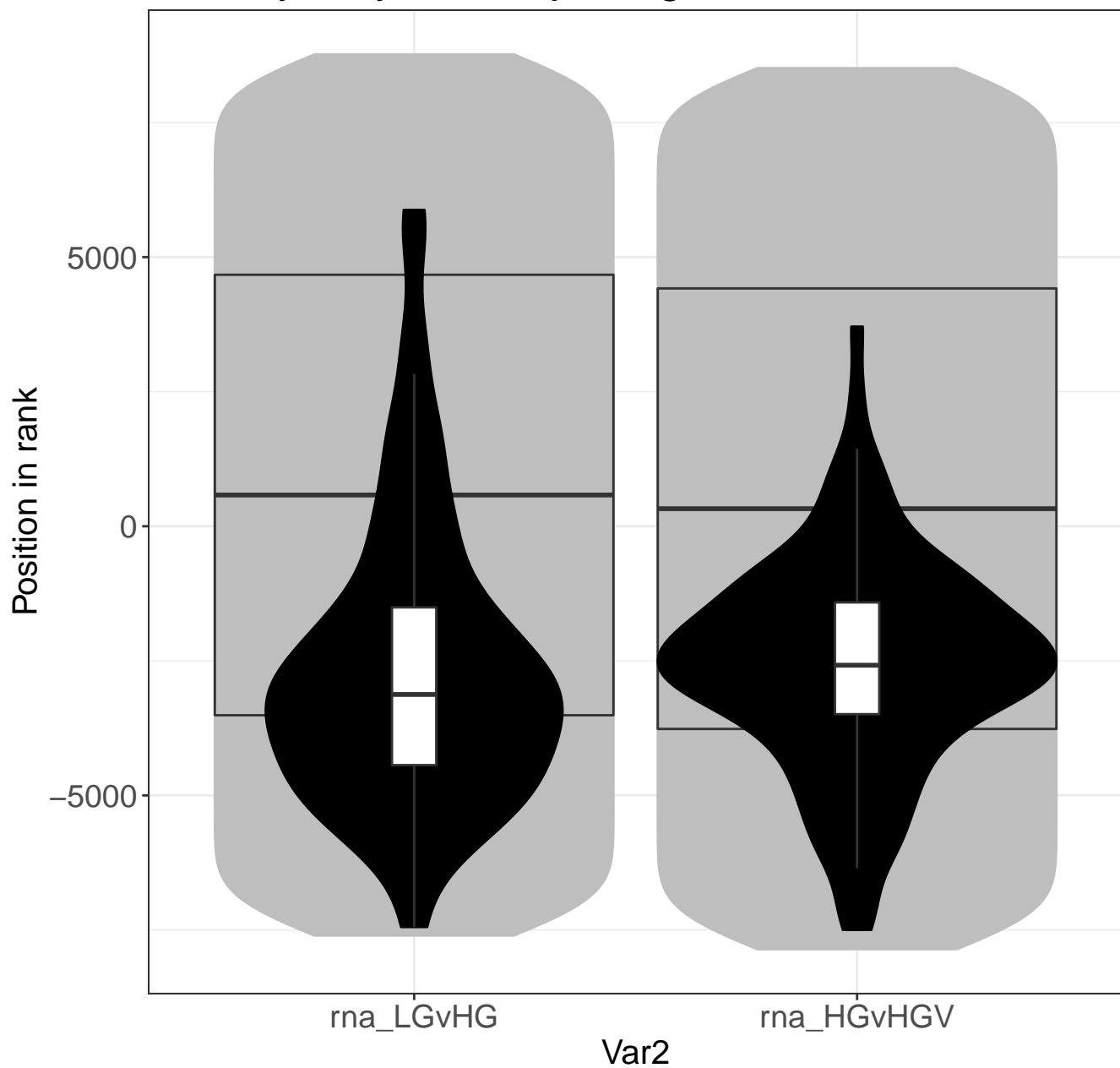




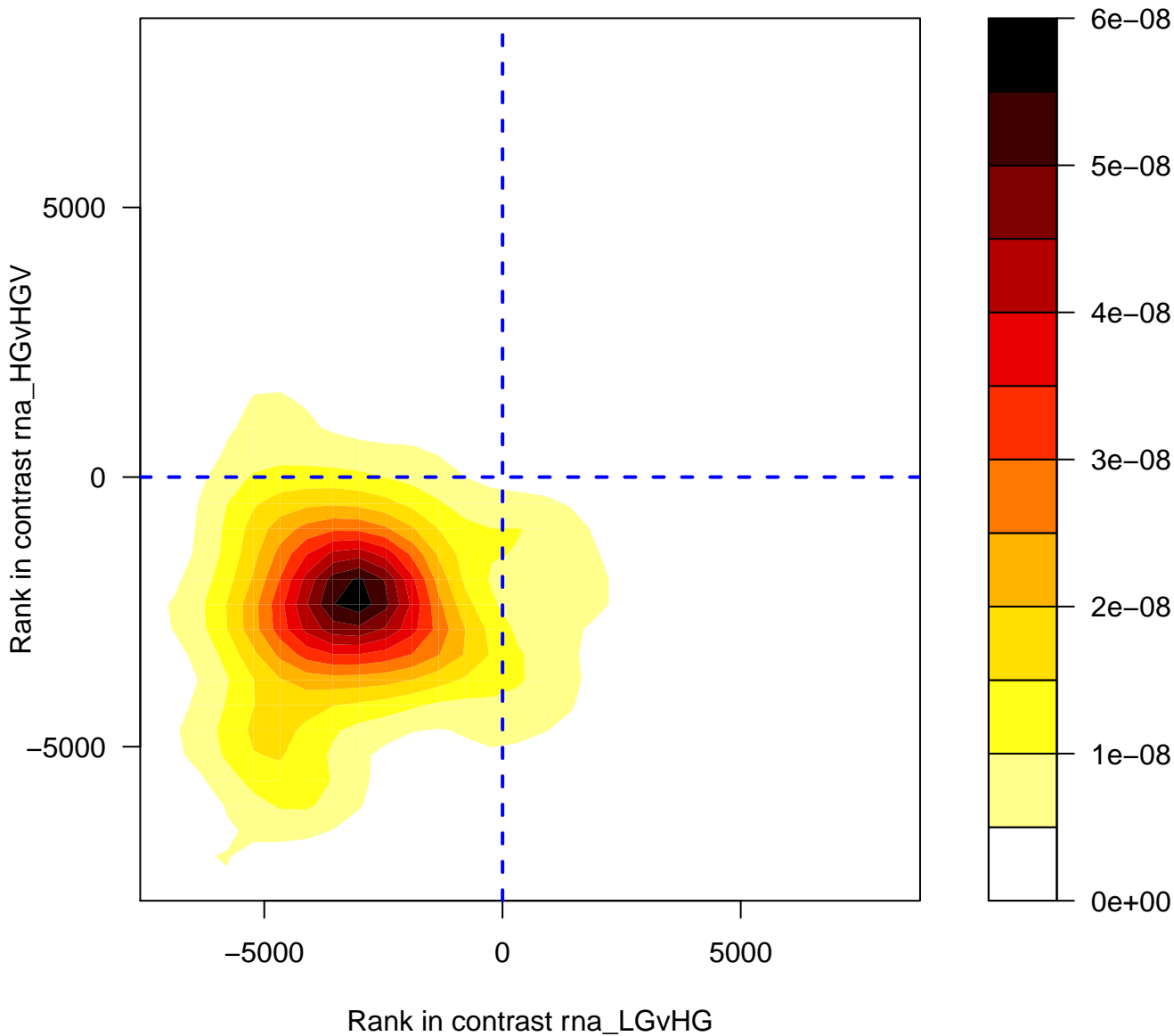
# GTP hydrolysis and joining of the 60S ribosomal subunit



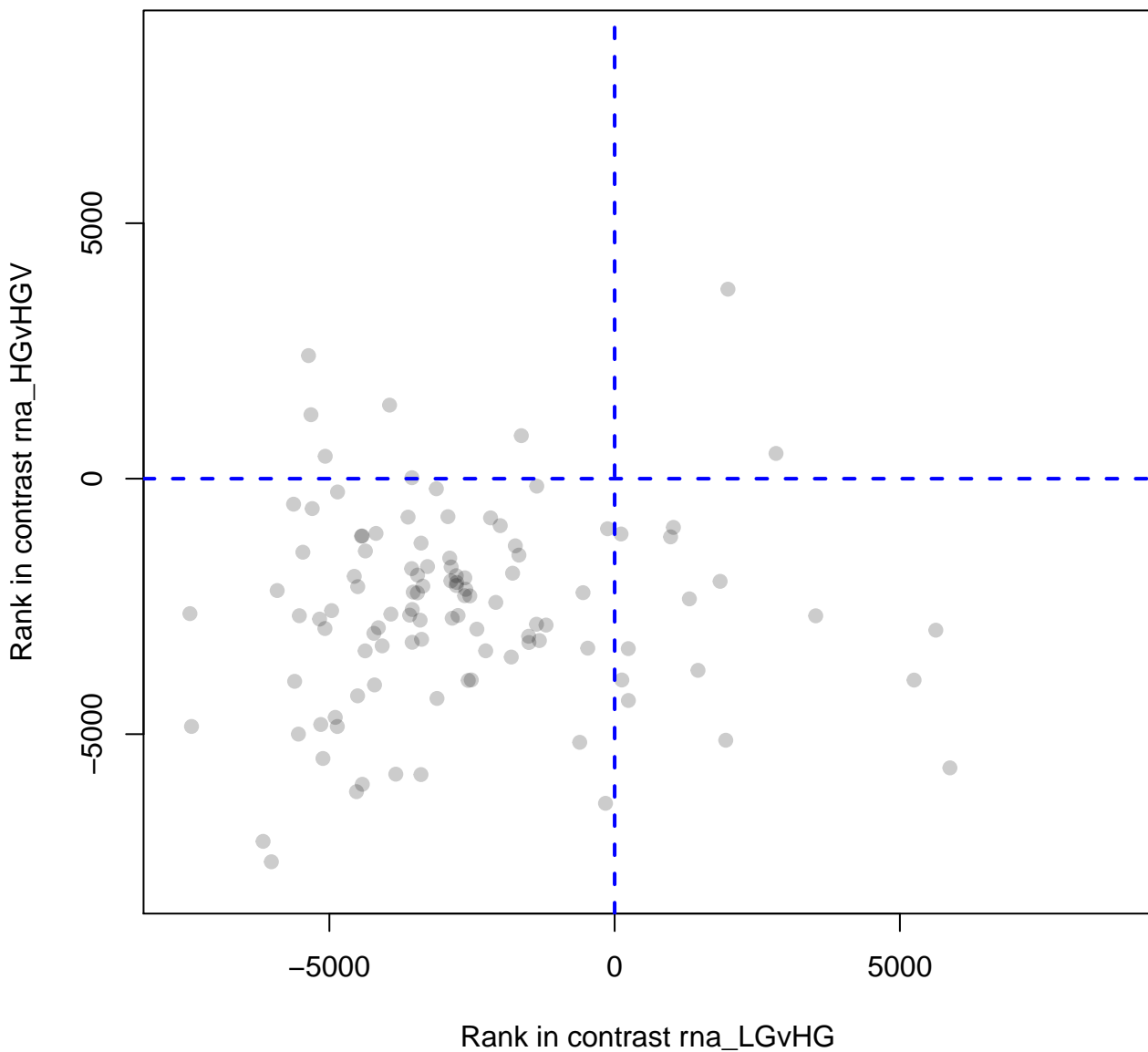
# GTP hydrolysis and joining of the 60S ribosomal s



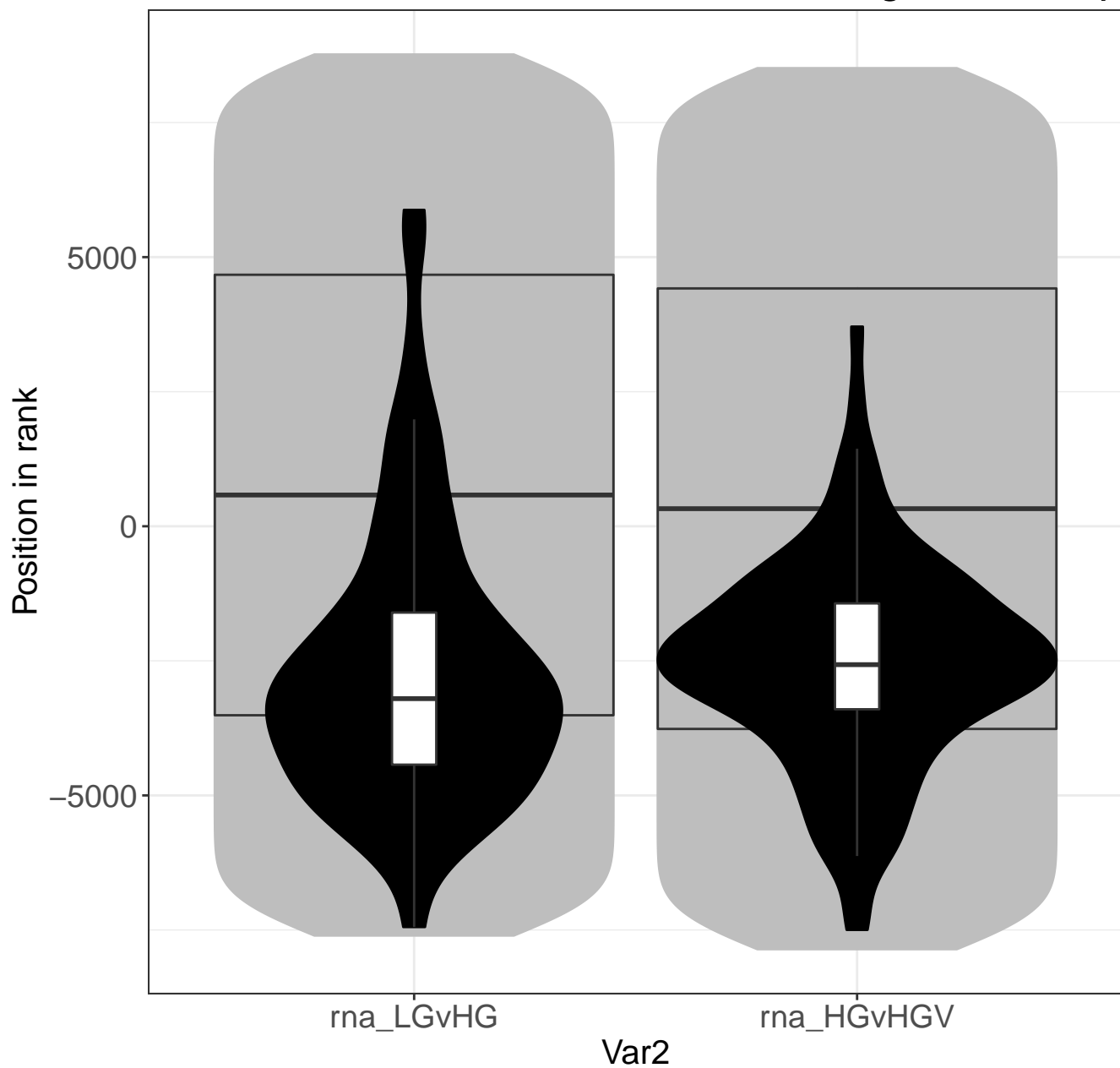
# L13a-mediated translational silencing of Ceruloplasmin expr



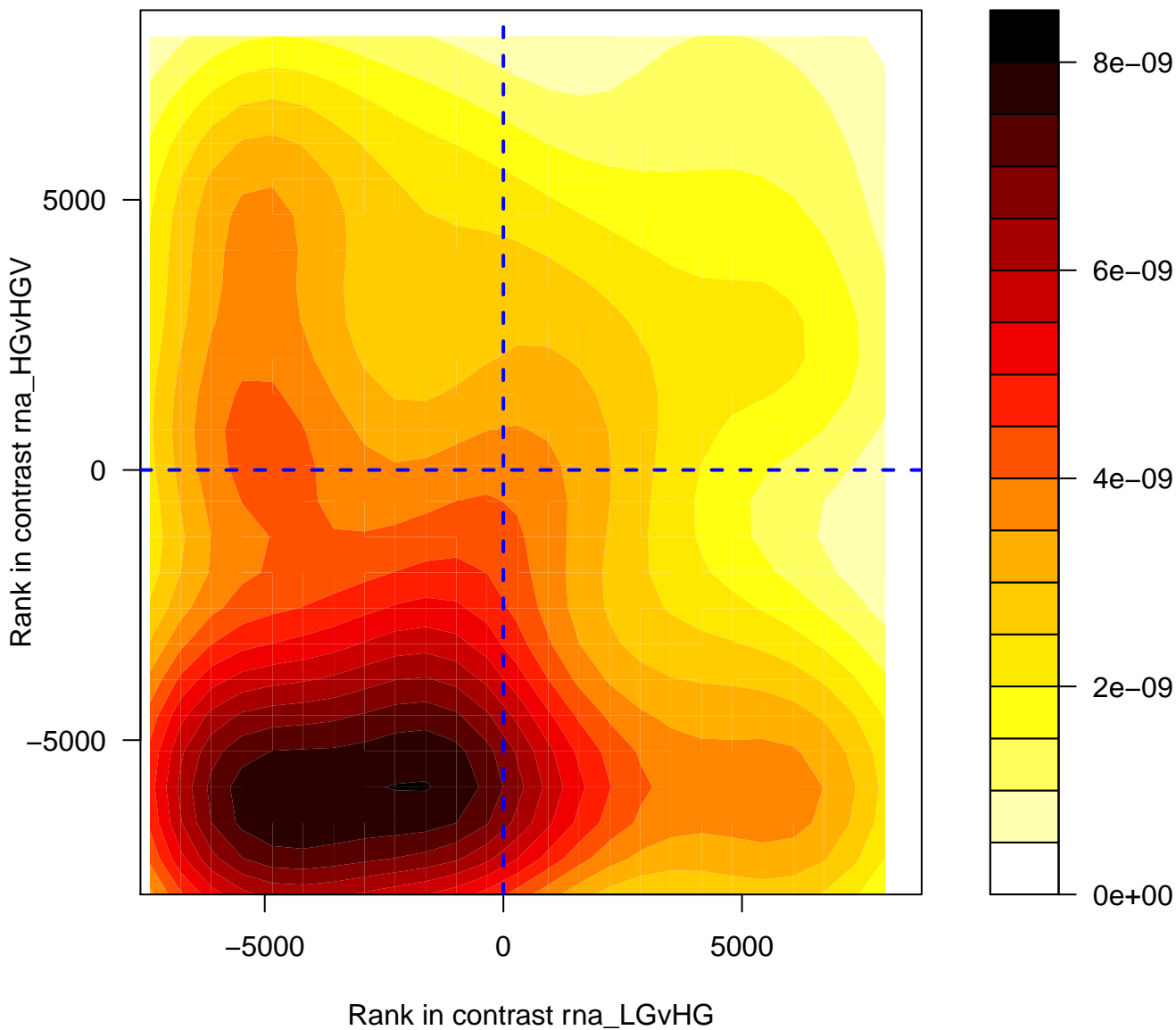
# L13a-mediated translational silencing of Ceruloplasmin expression



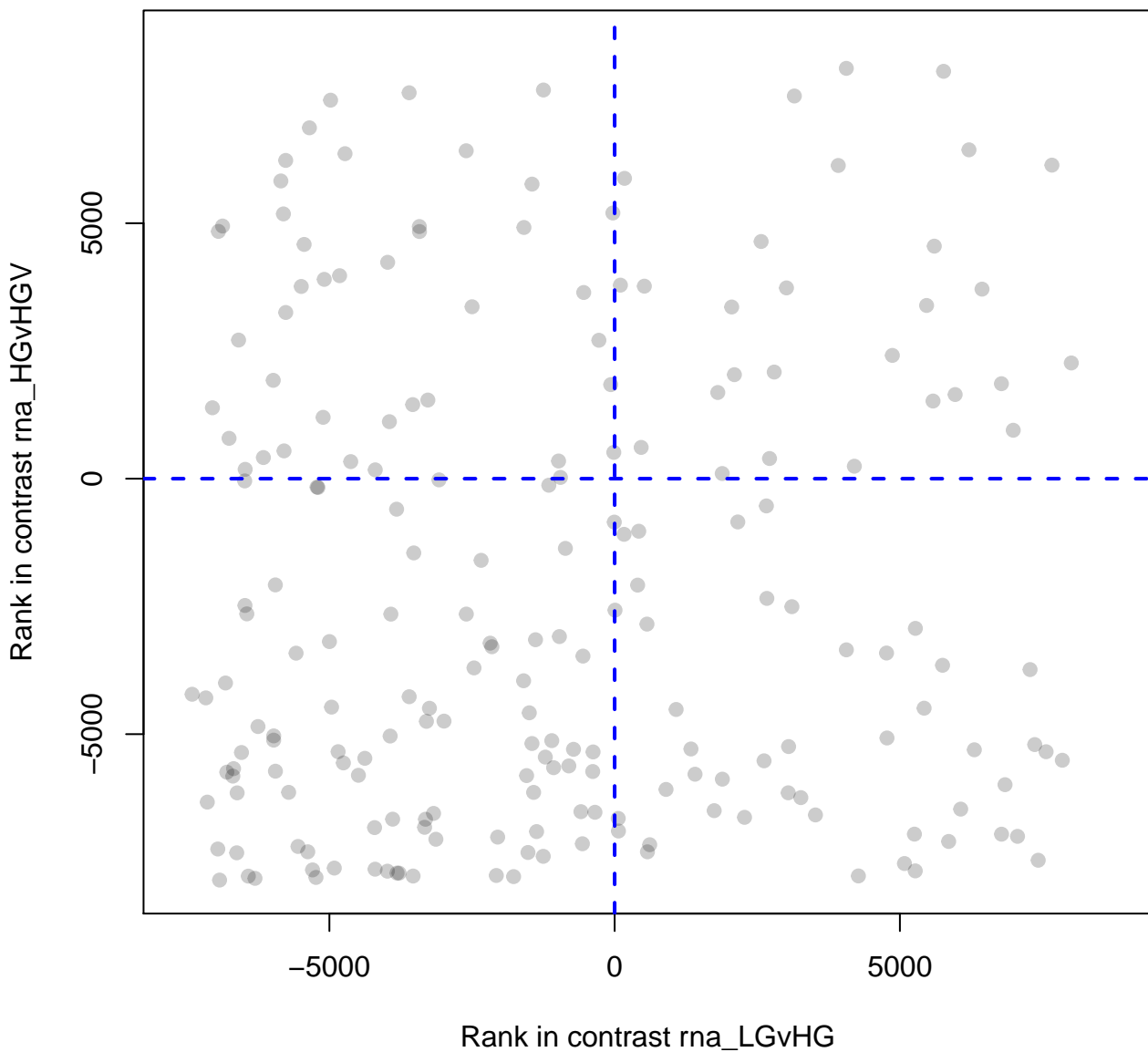
# L13a-mediated translational silencing of Ceruloplasmin



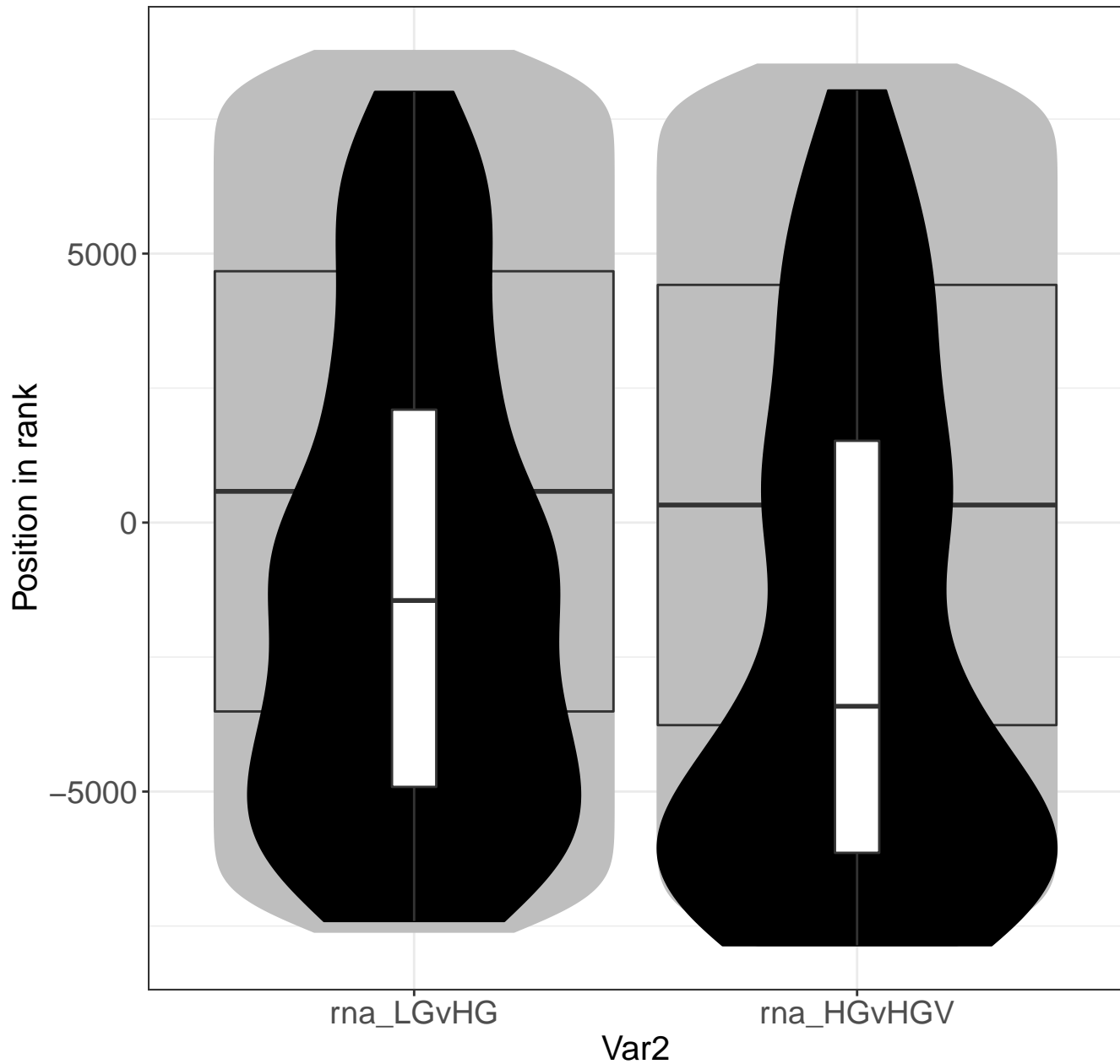
## Chromatin modifying enzymes



## Chromatin modifying enzymes

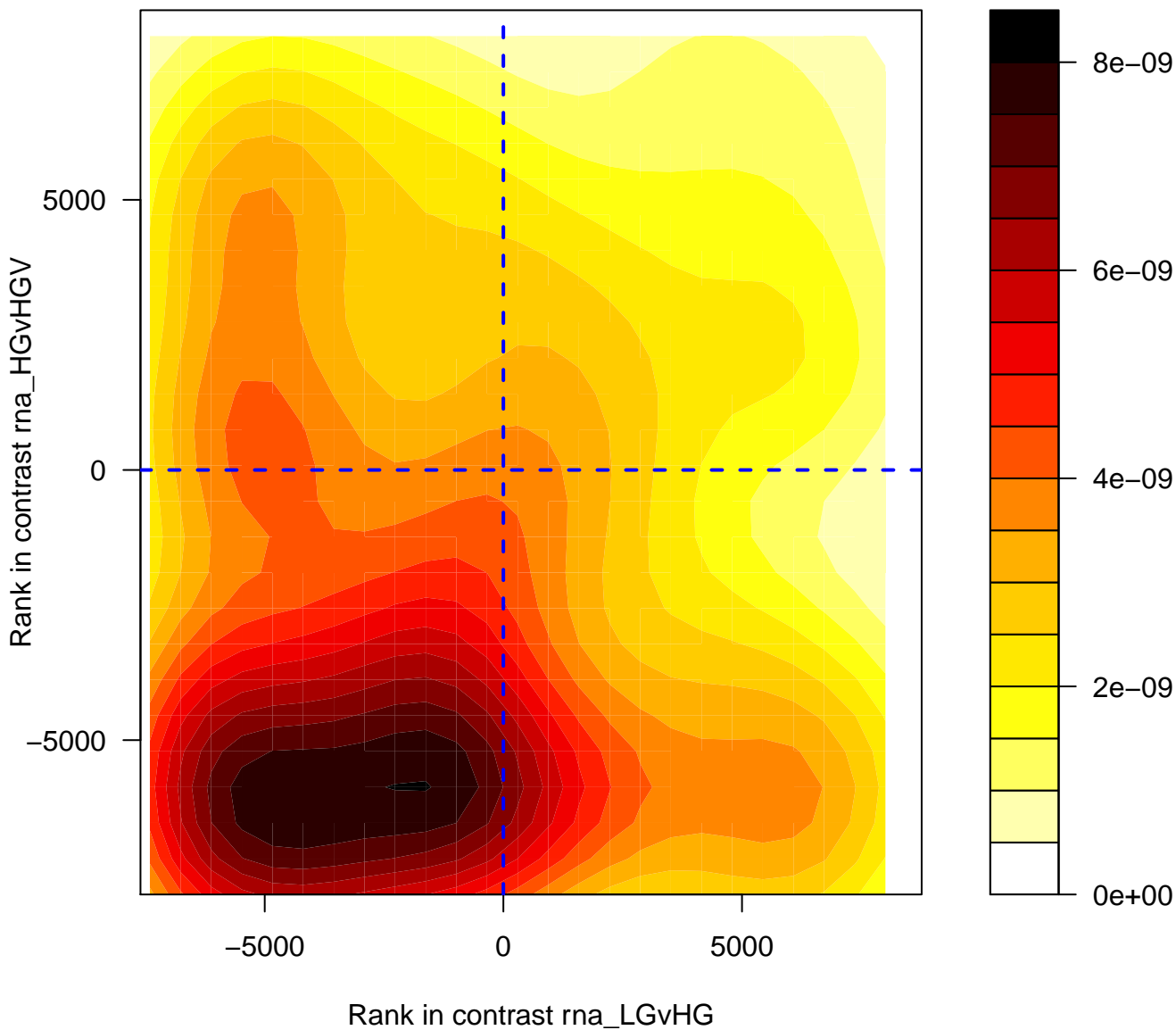


# Chromatin modifying enzymes

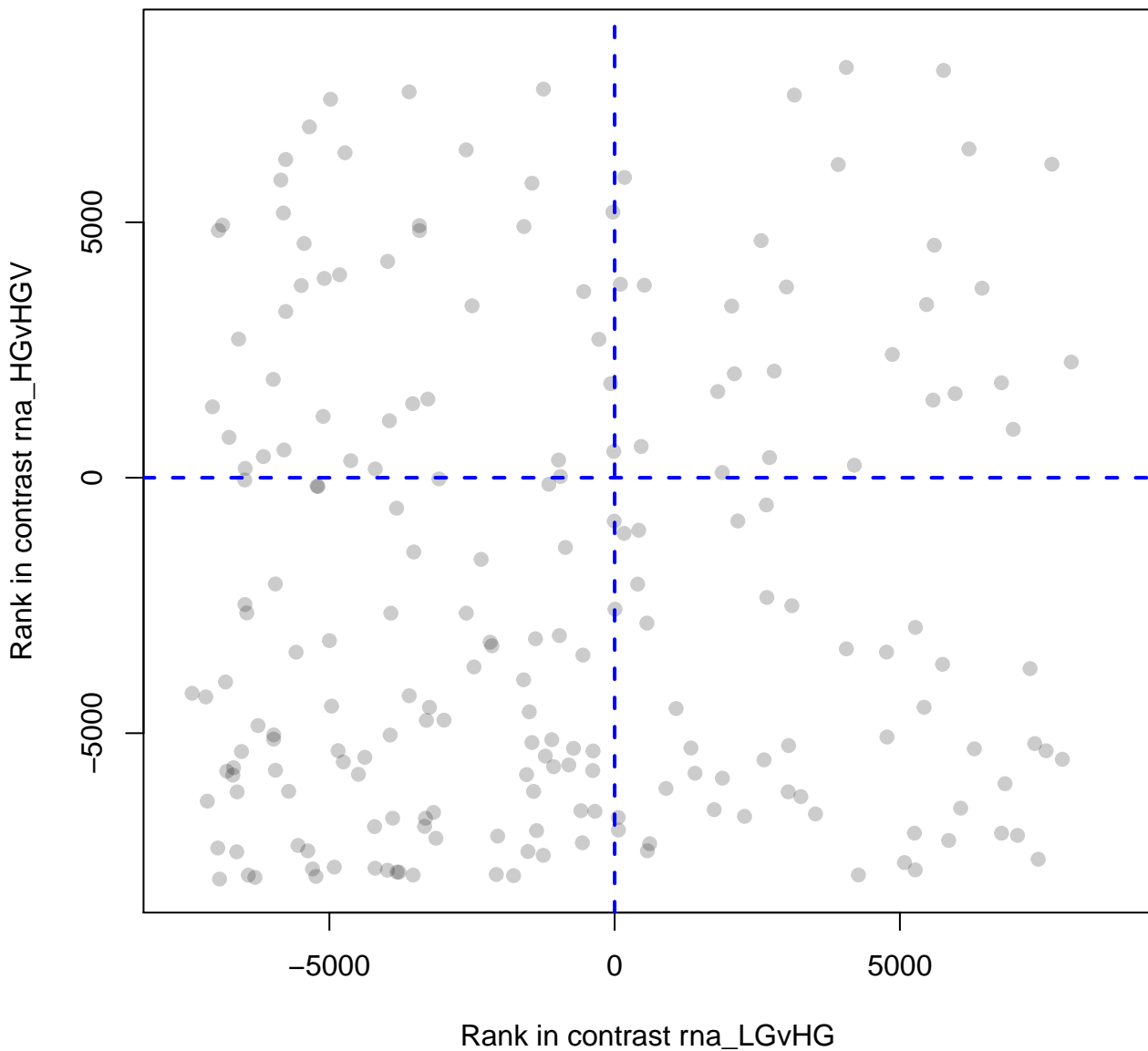




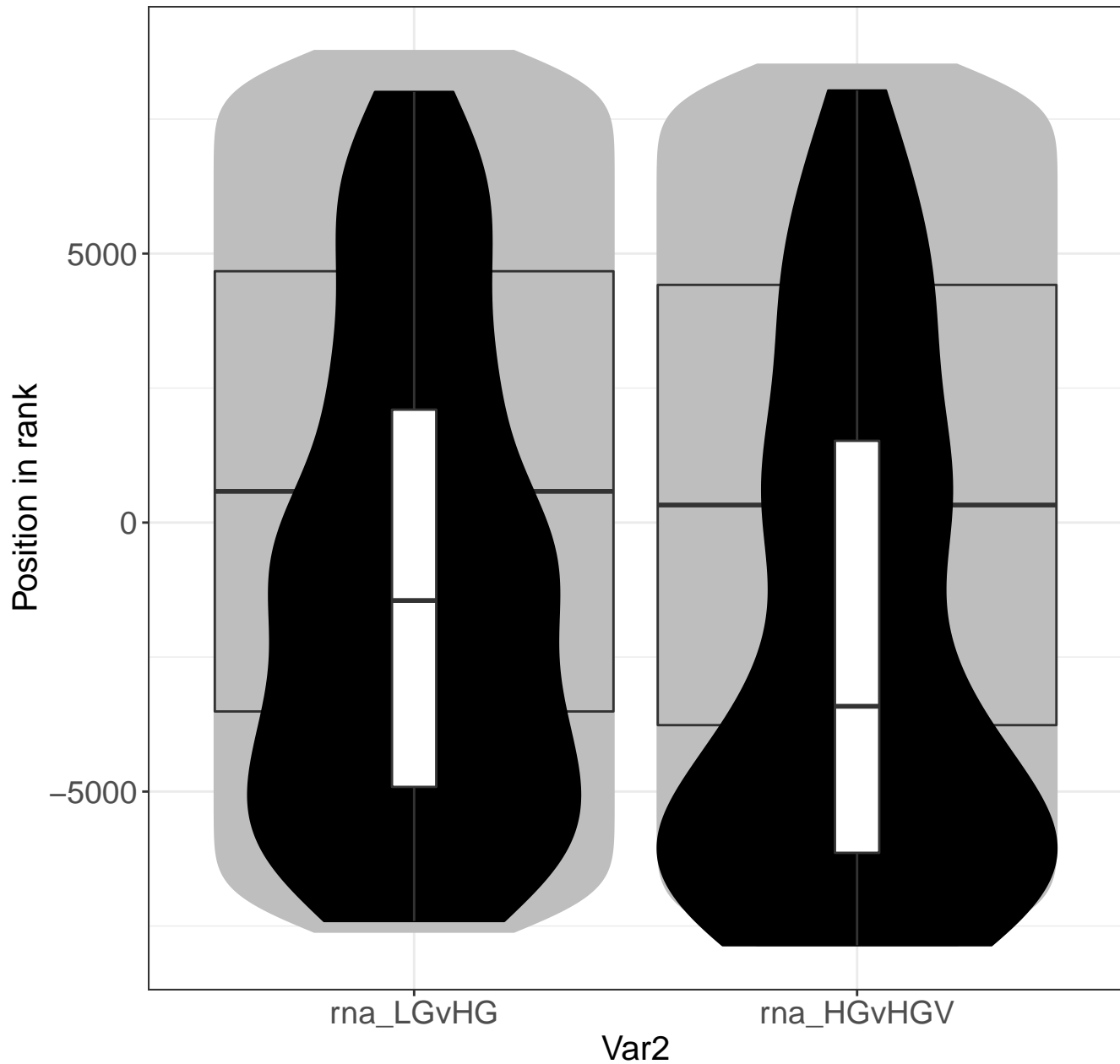
# Chromatin organization



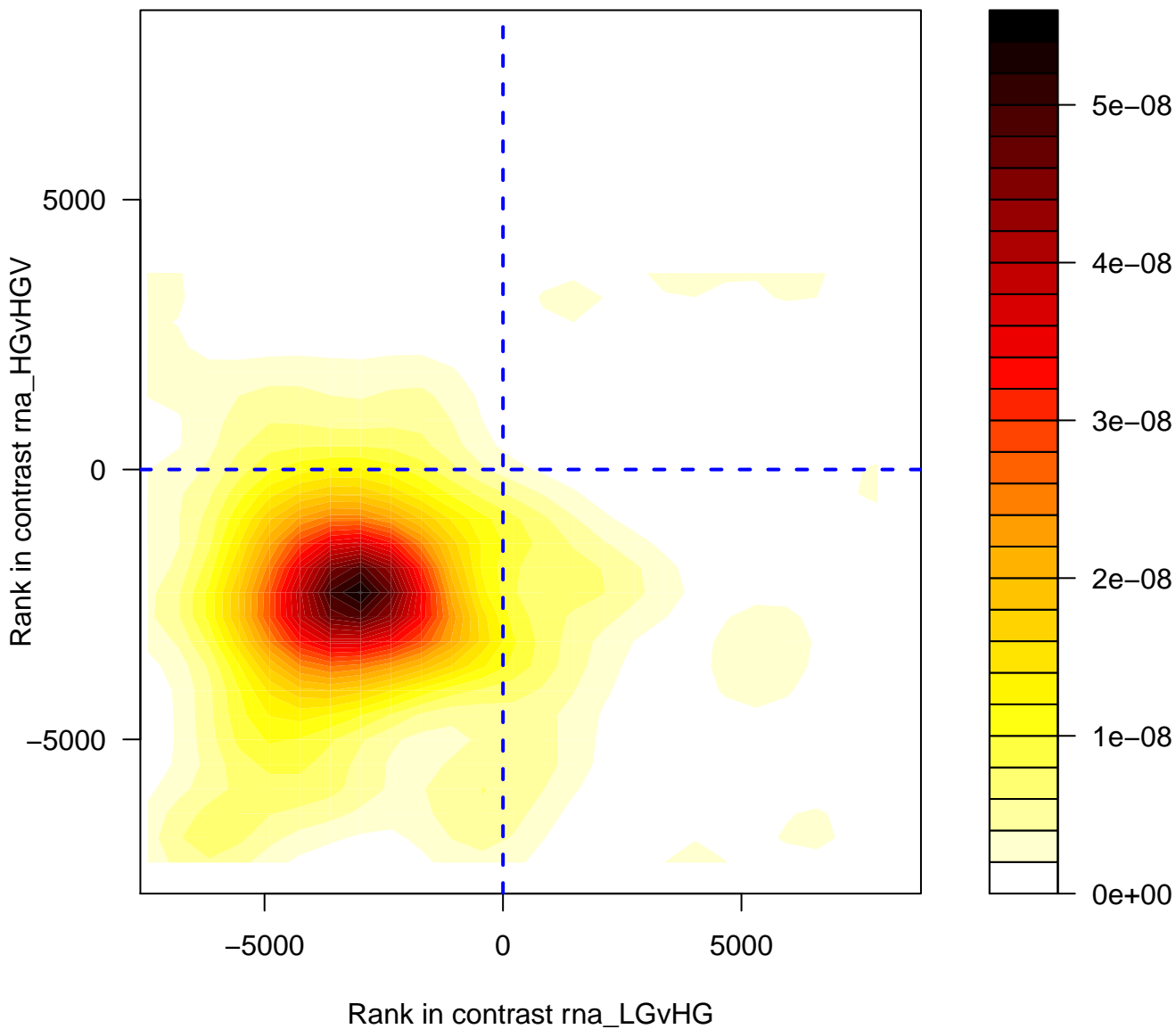
## Chromatin organization



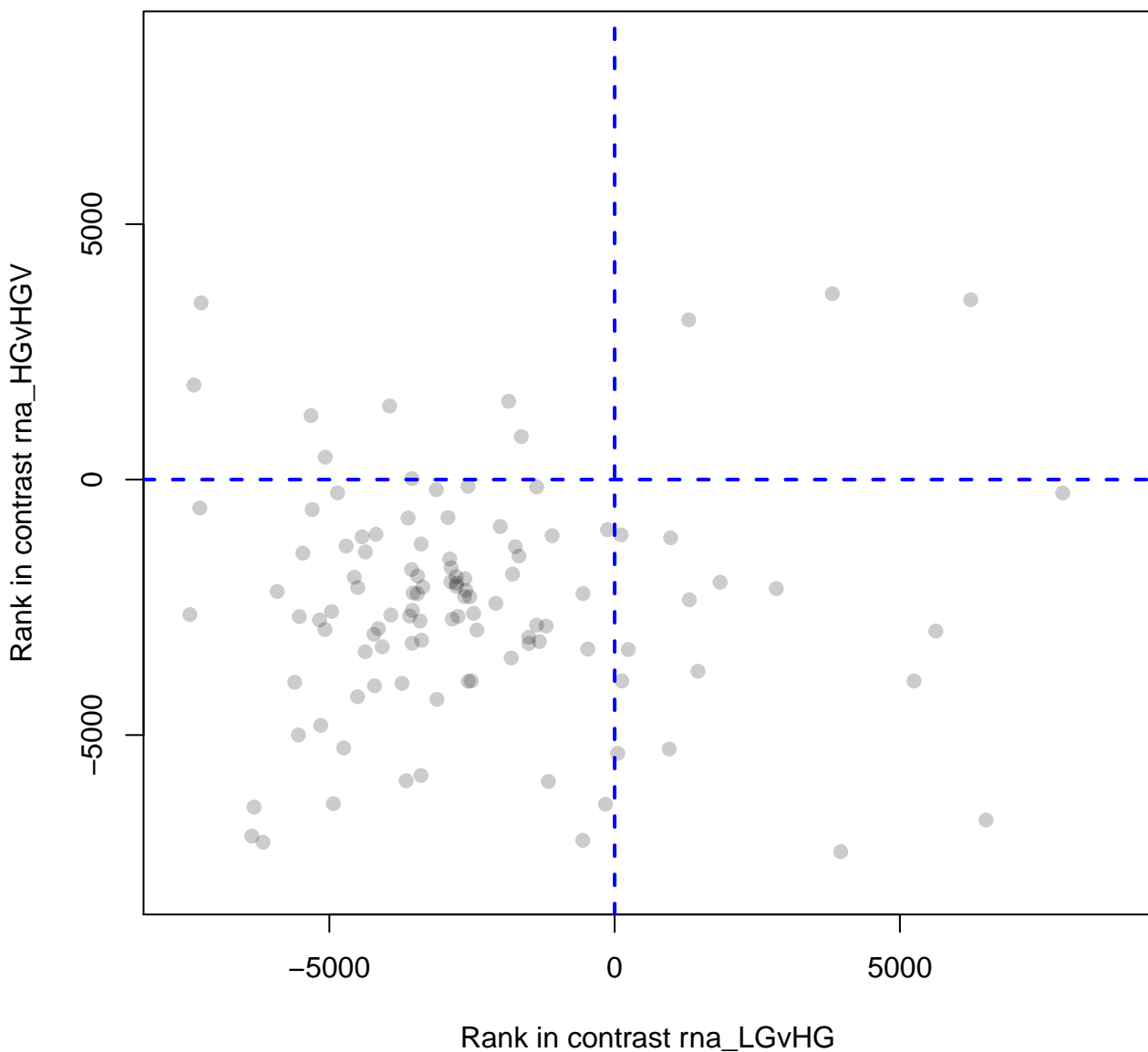
# Chromatin organization



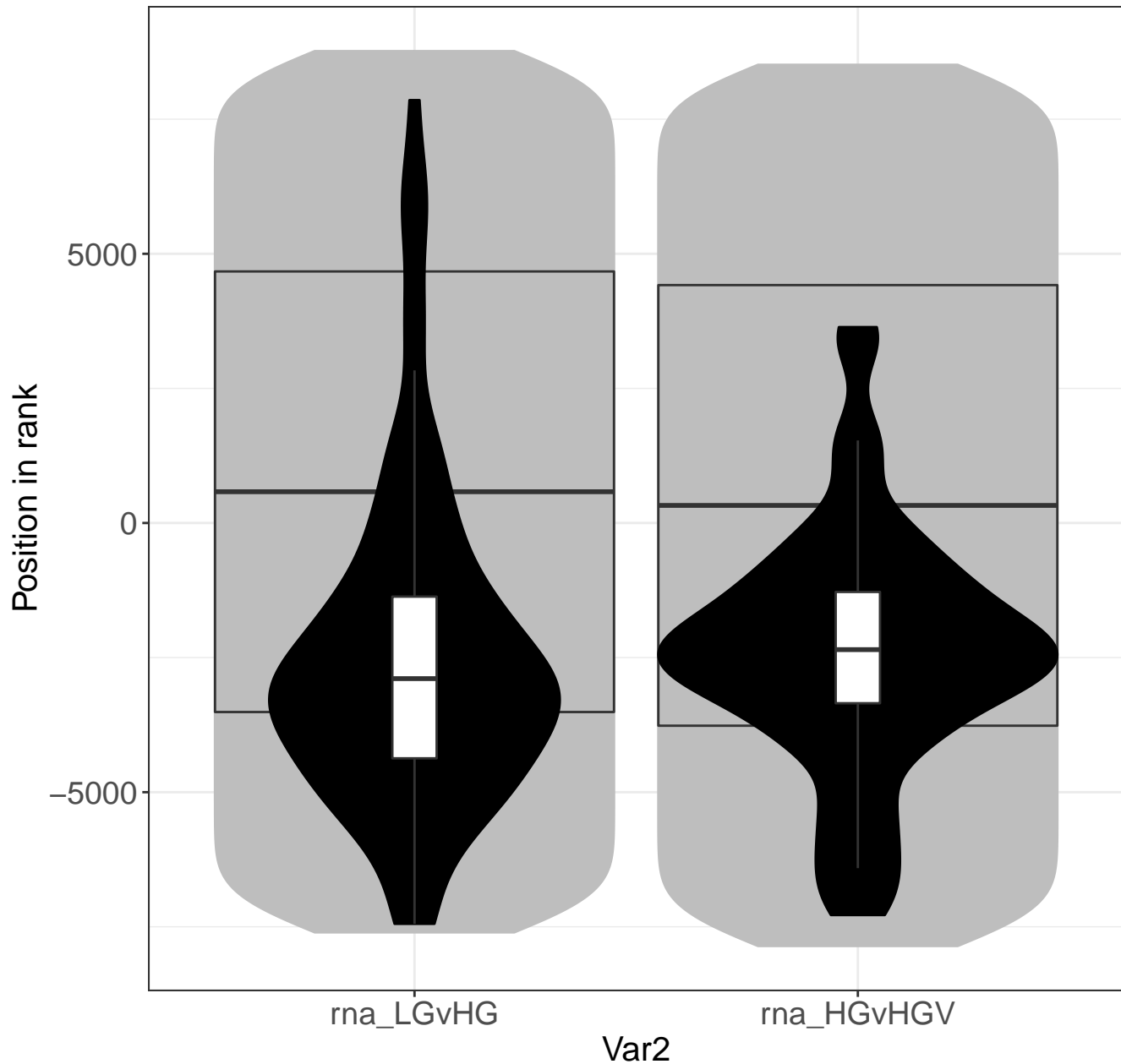
# Non-Mediated Decay (NMD) enhanced by the Exon Junction C



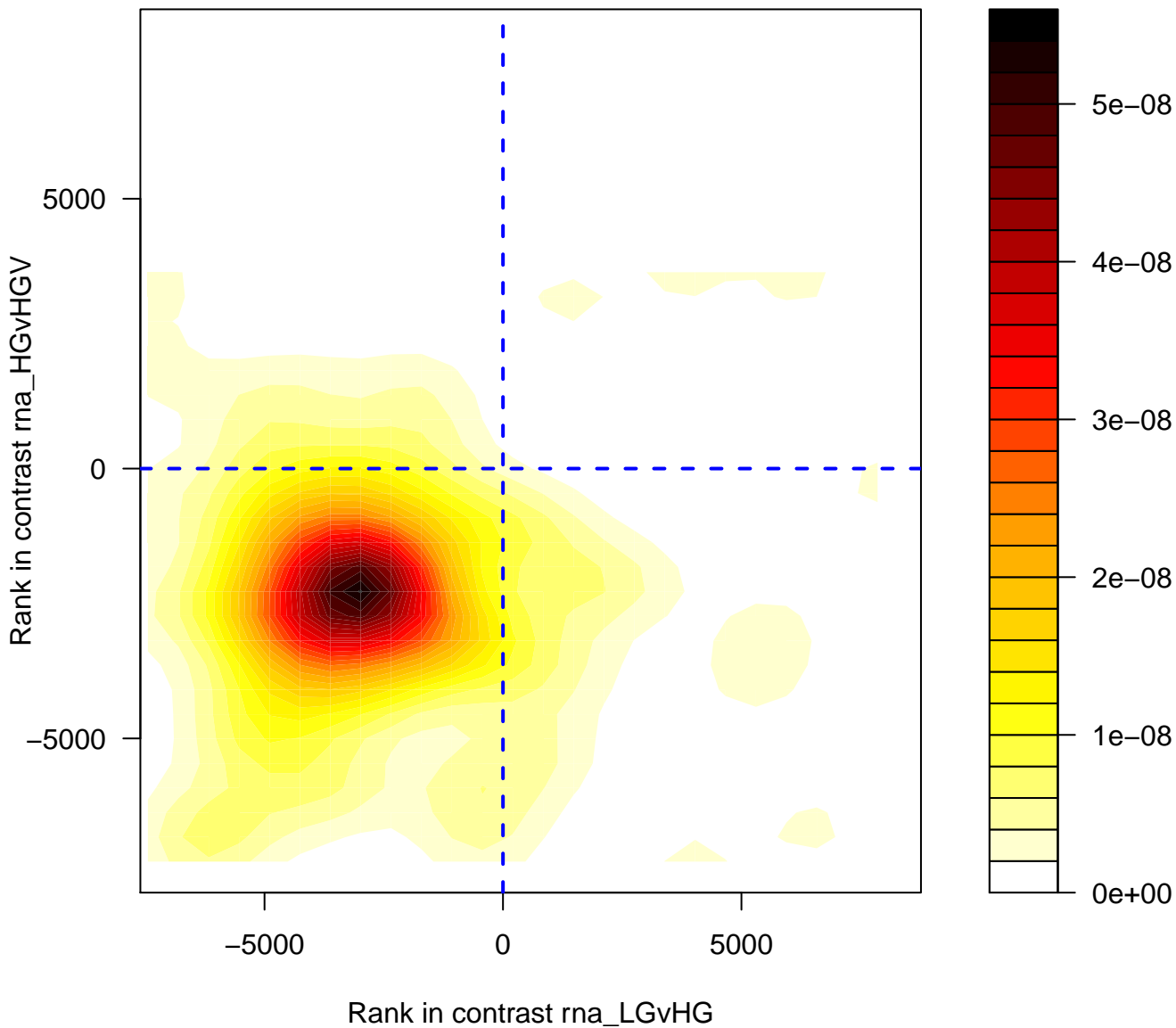
# Nonsense Mediated Decay (NMD) enhanced by the Exon Junction Complex (



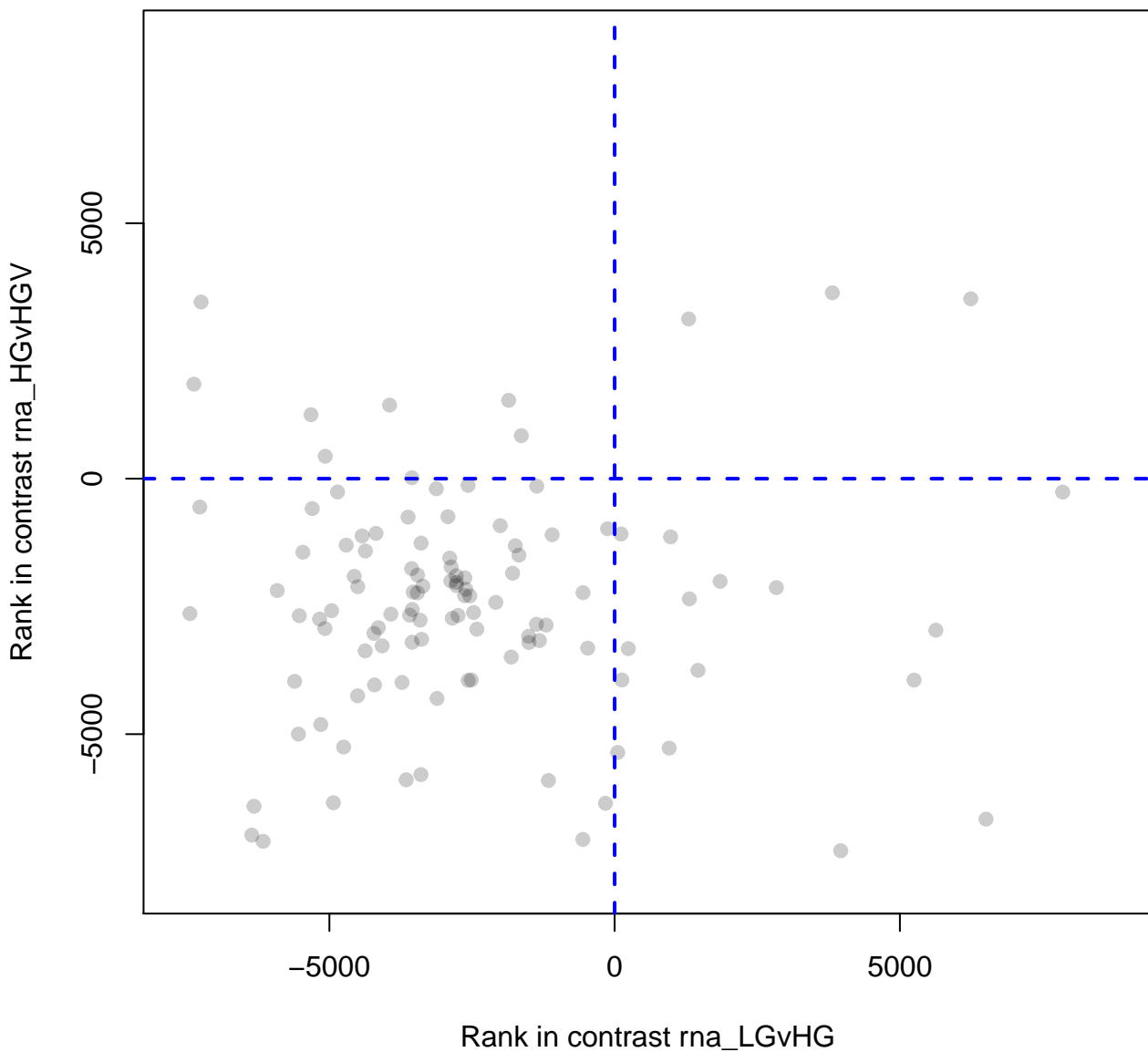
# Nonsense Mediated Decay (NMD) enhanced by th



## Nonsense-Mediated Decay (NMD)

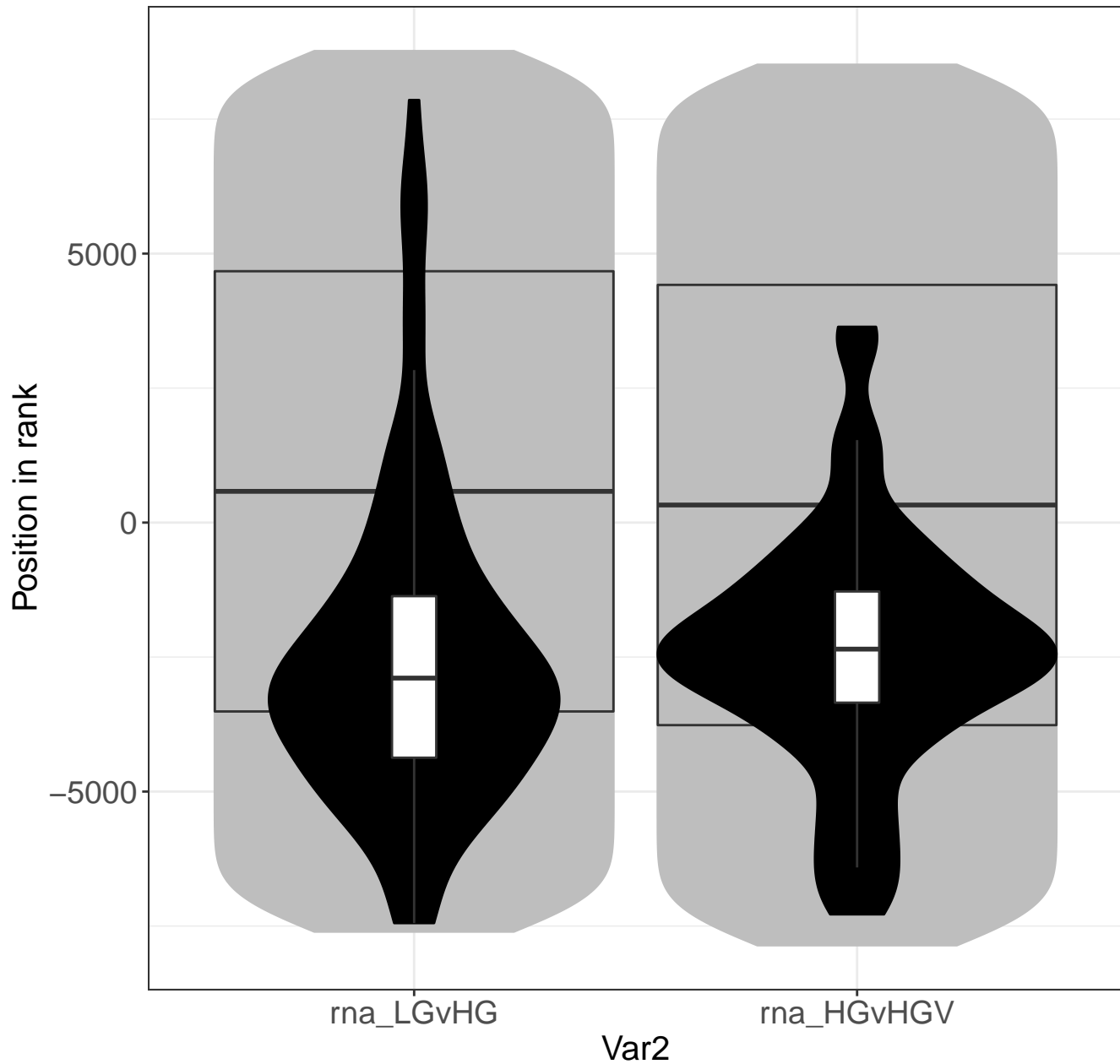


# Nonsense-Mediated Decay (NMD)

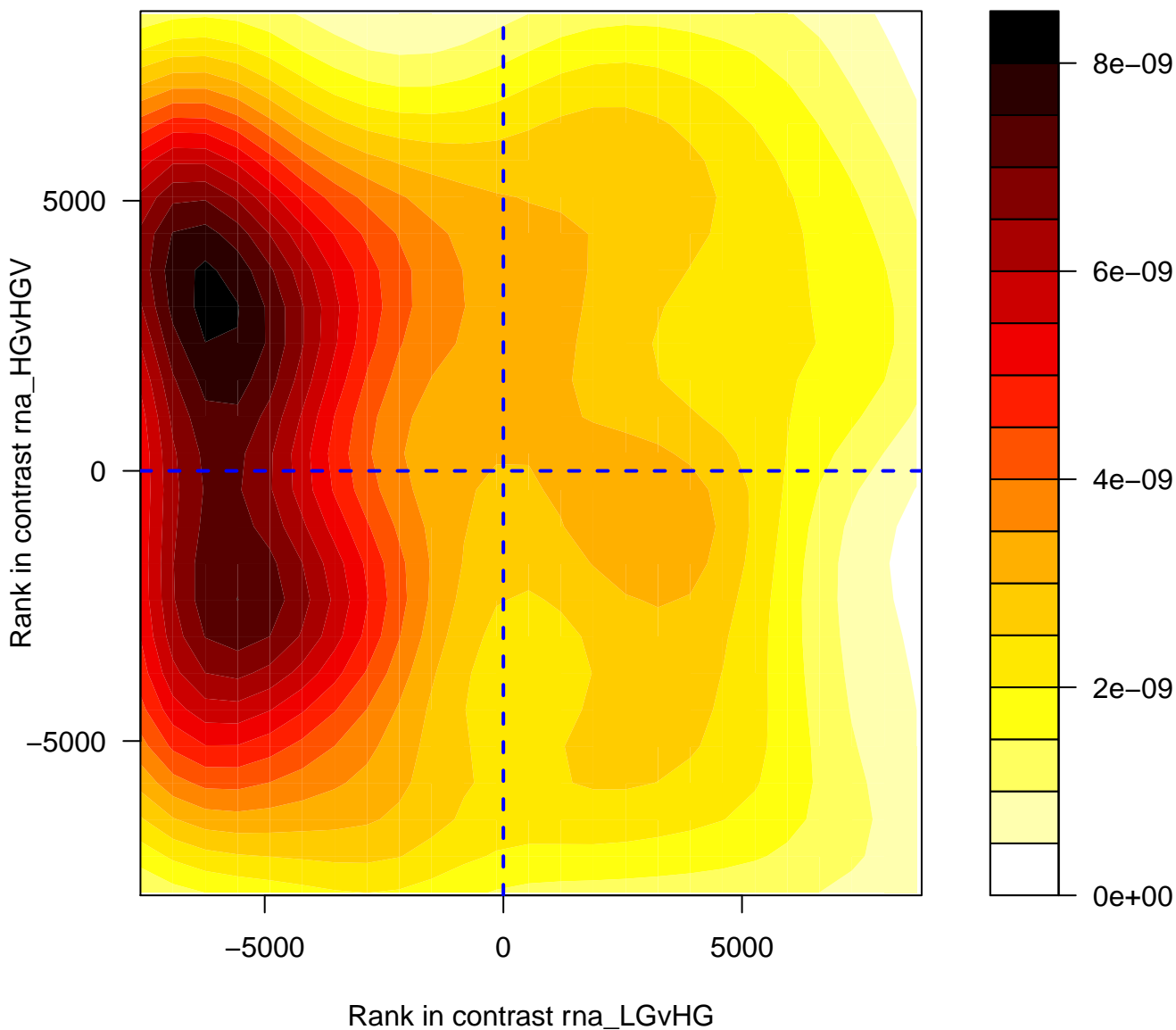




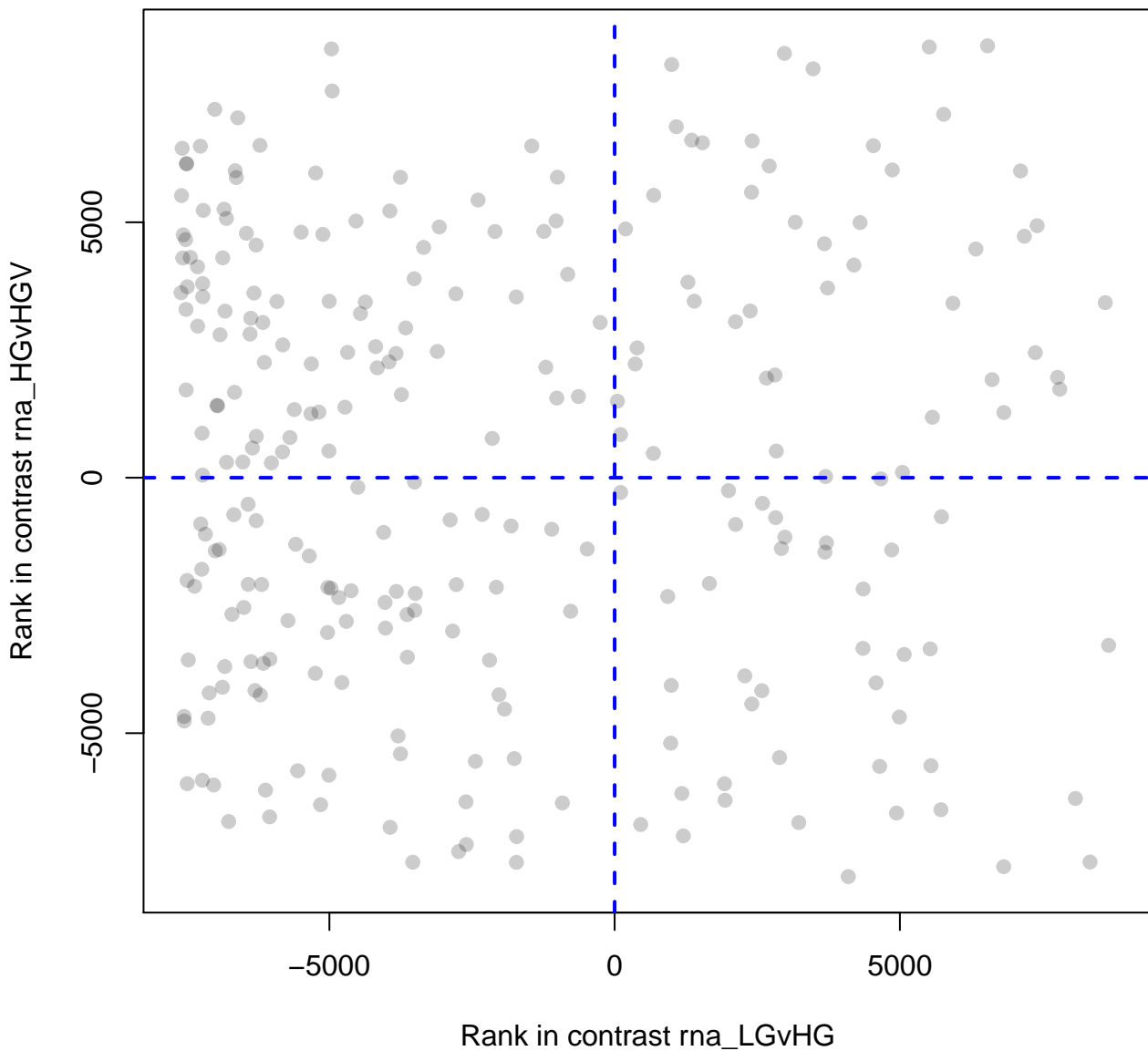
# Nonsense-Mediated Decay (NMD)



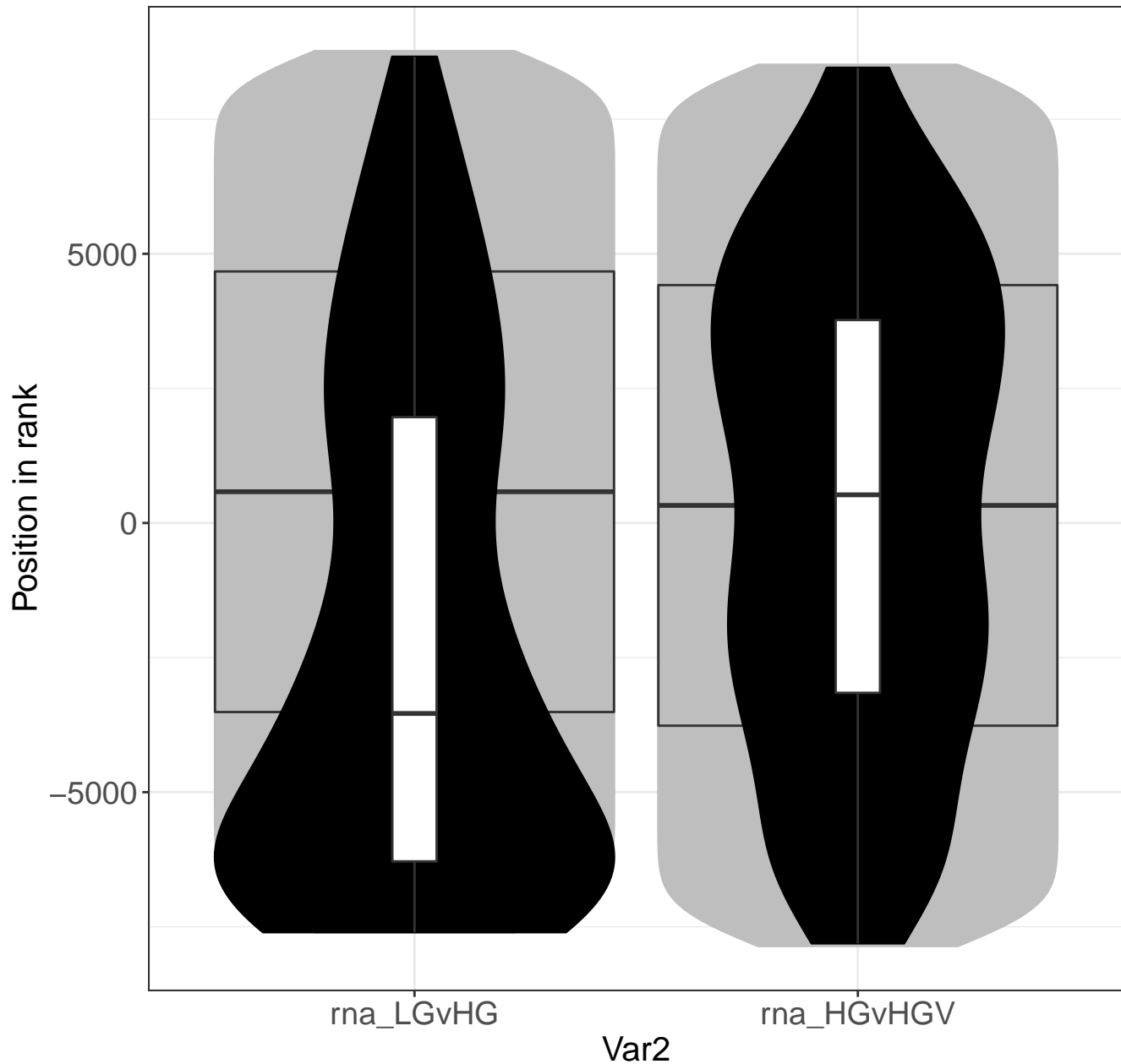
# Asparagine N-linked glycosylation



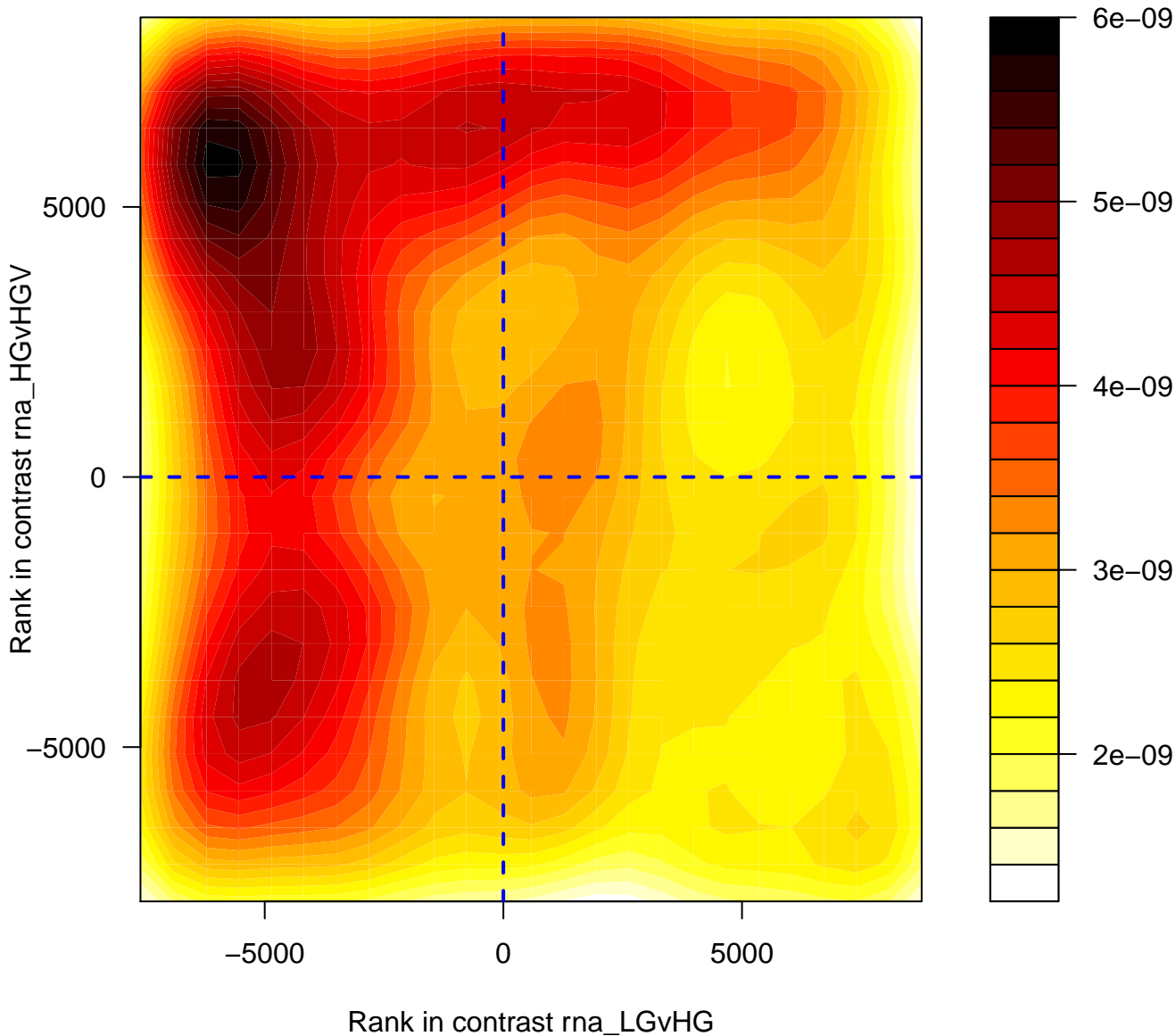
# Asparagine N-linked glycosylation



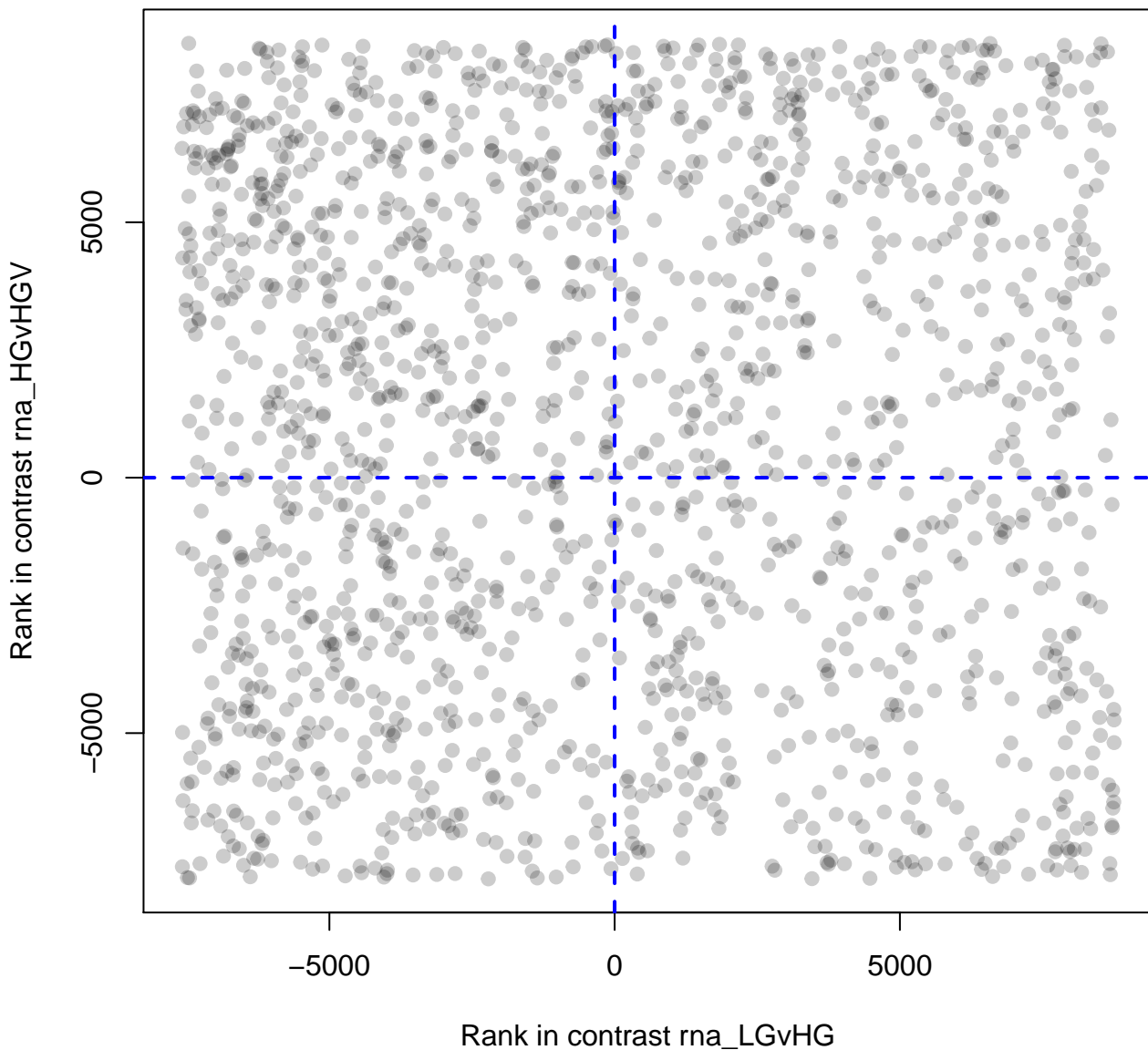
# Asparagine N-linked glycosylation



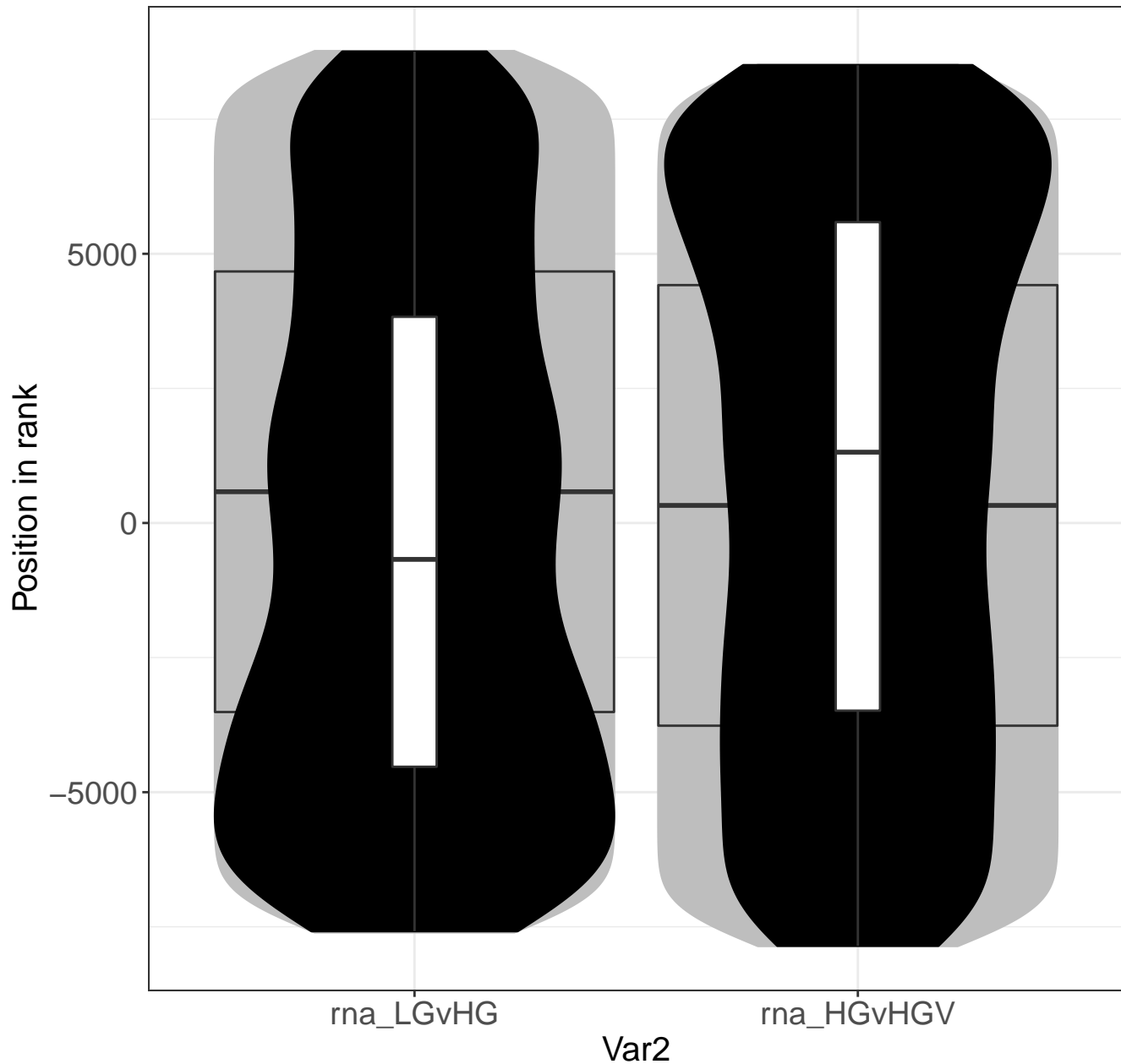
# Signal Transduction



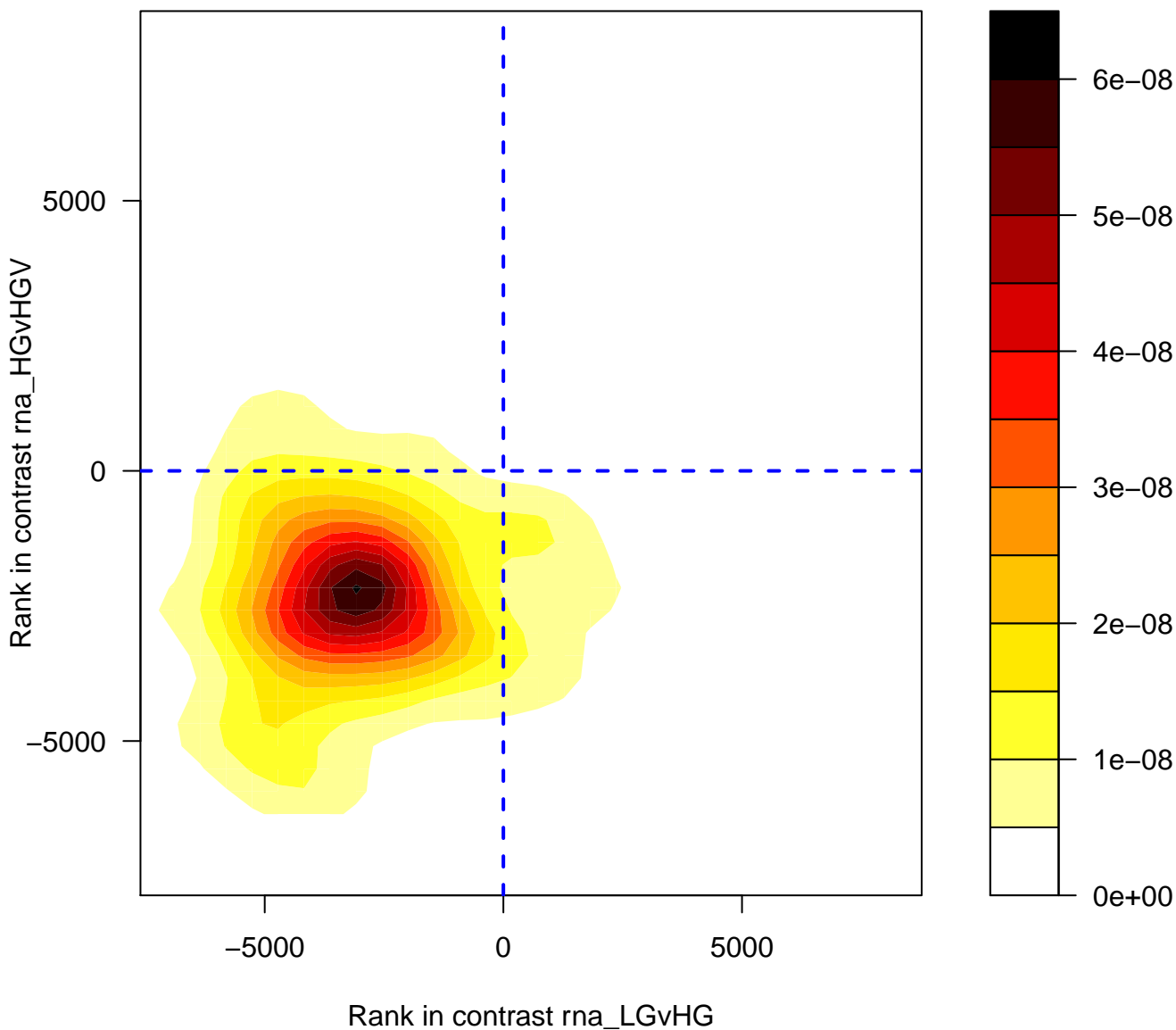
# Signal Transduction



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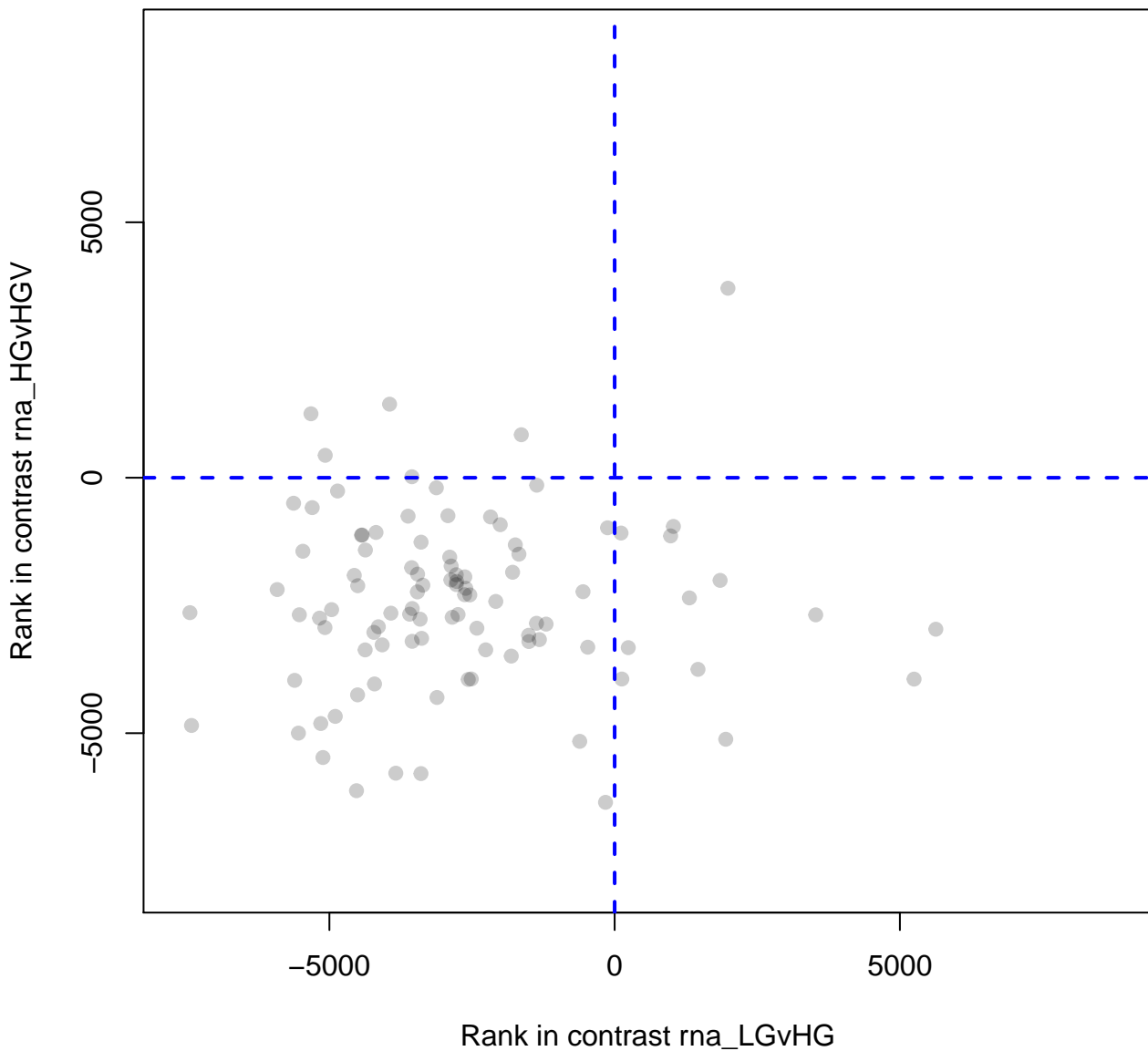


# Formation of a pool of free 40S subunits

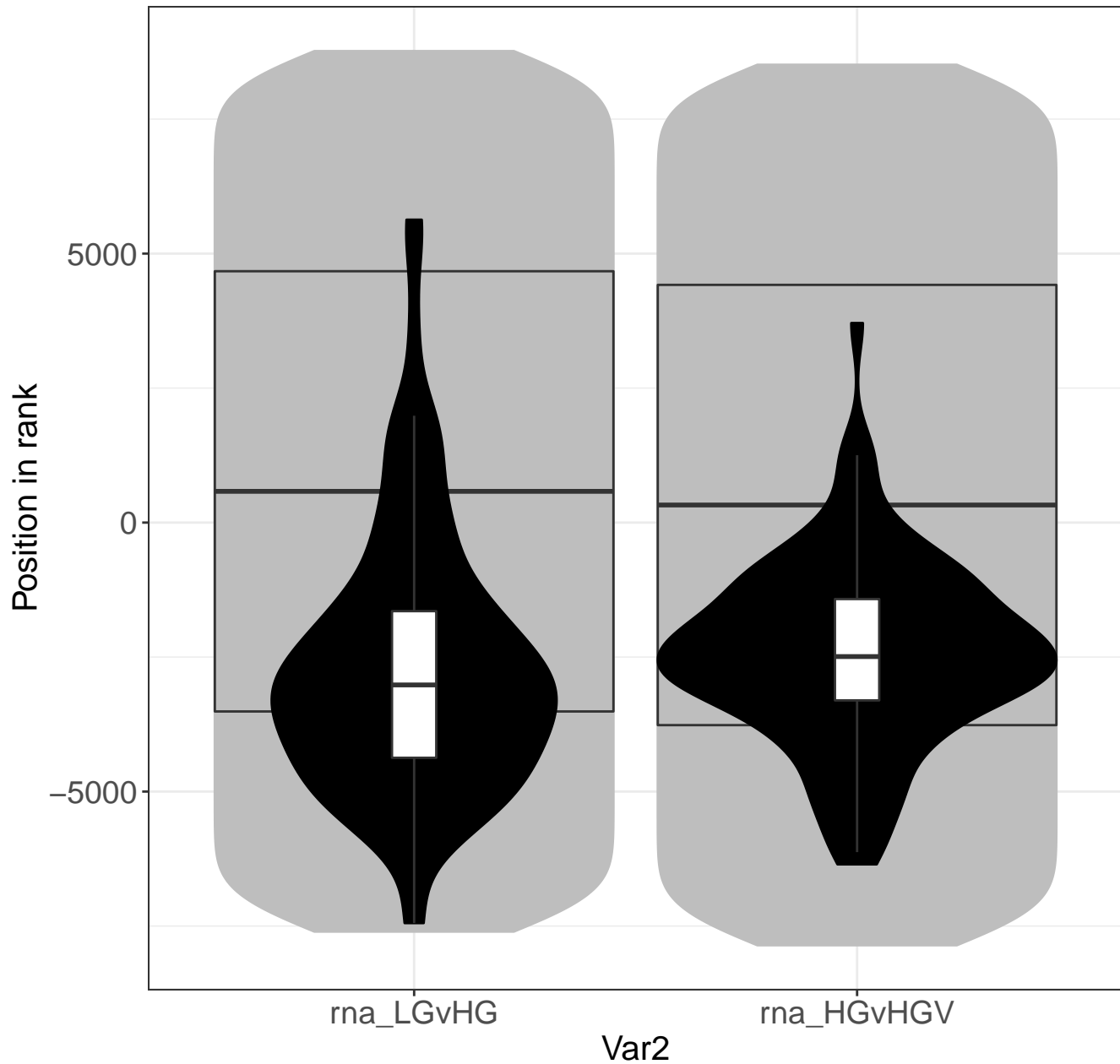




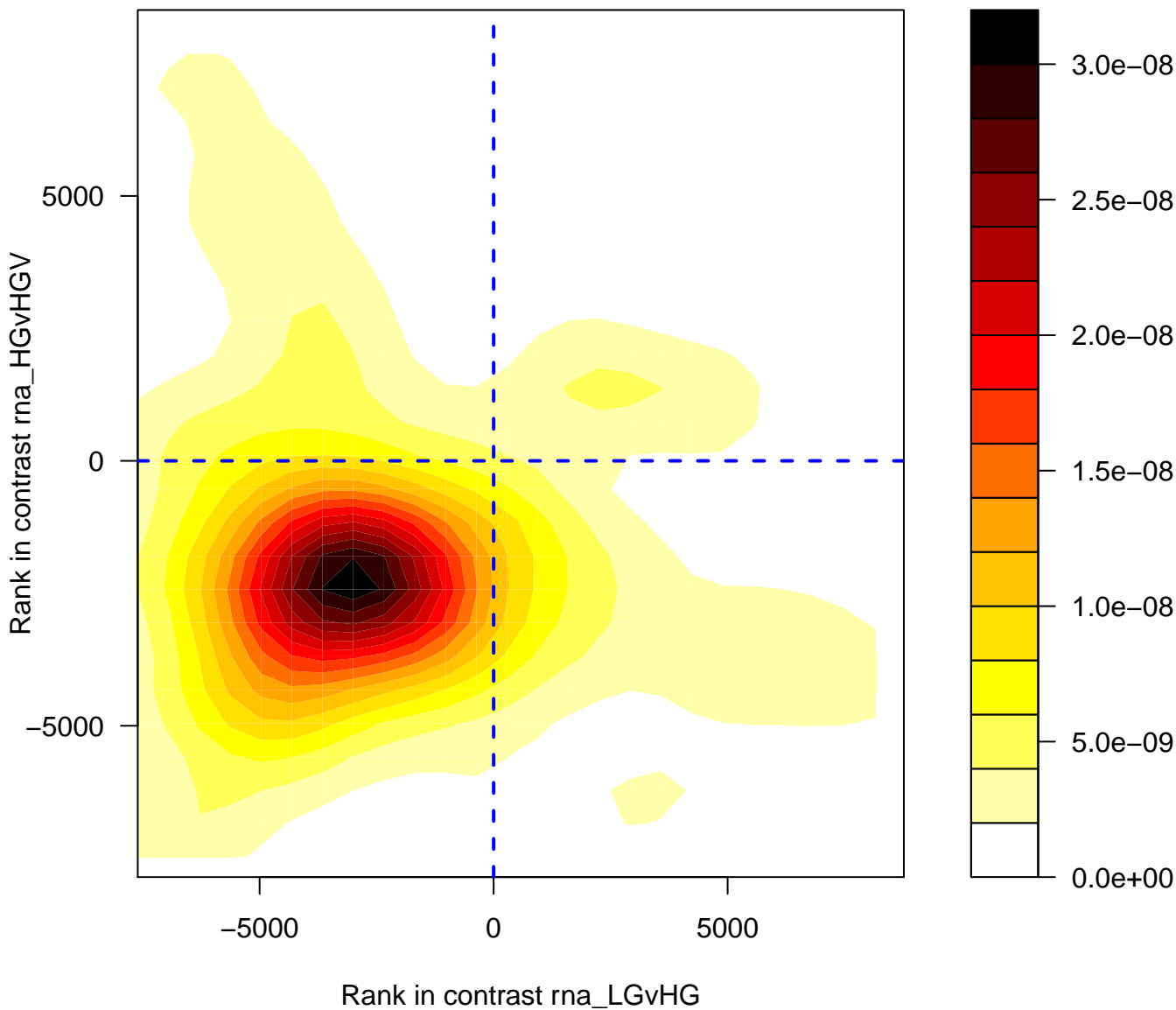
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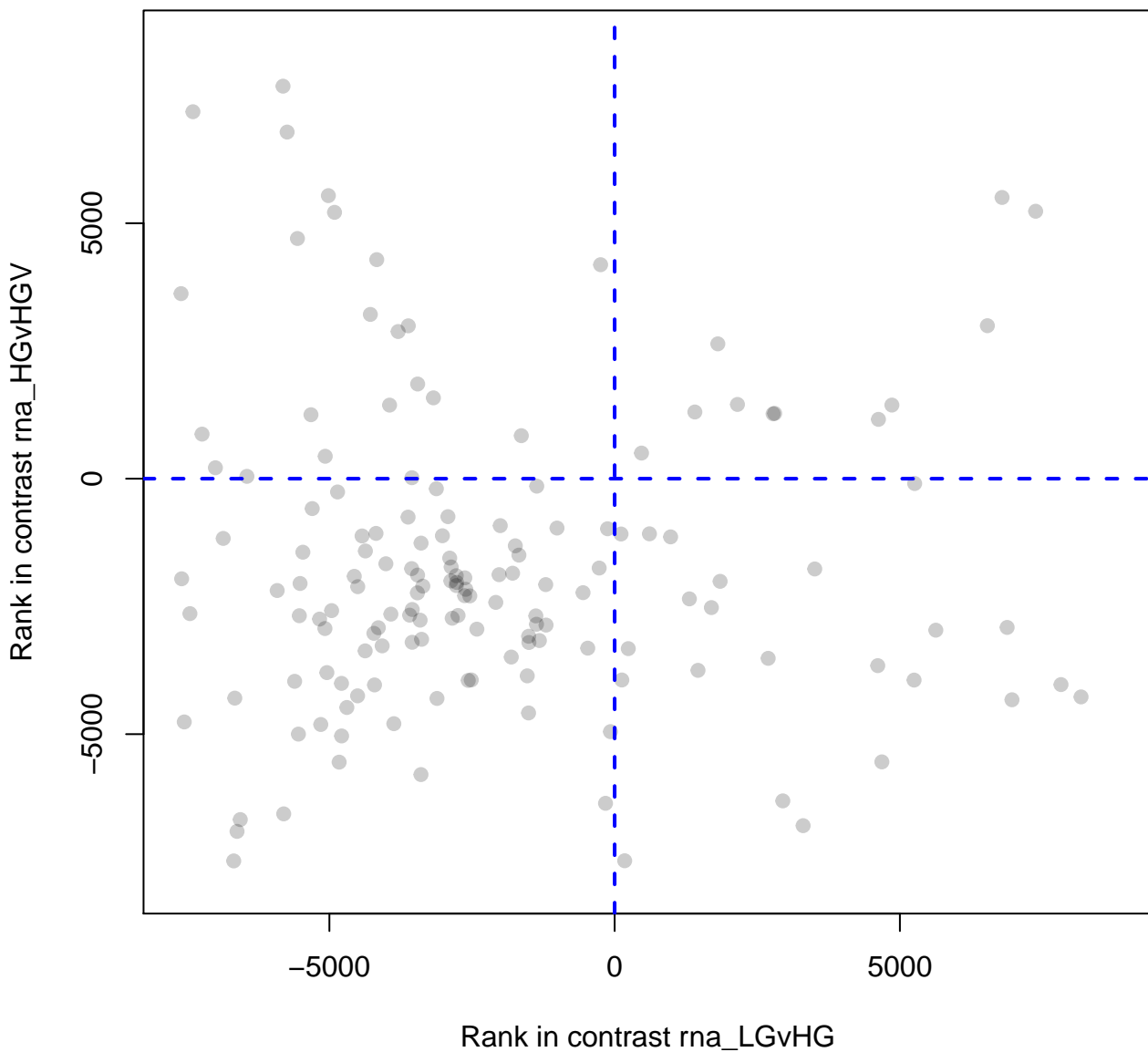
# Formation of a pool of free 40S subunits



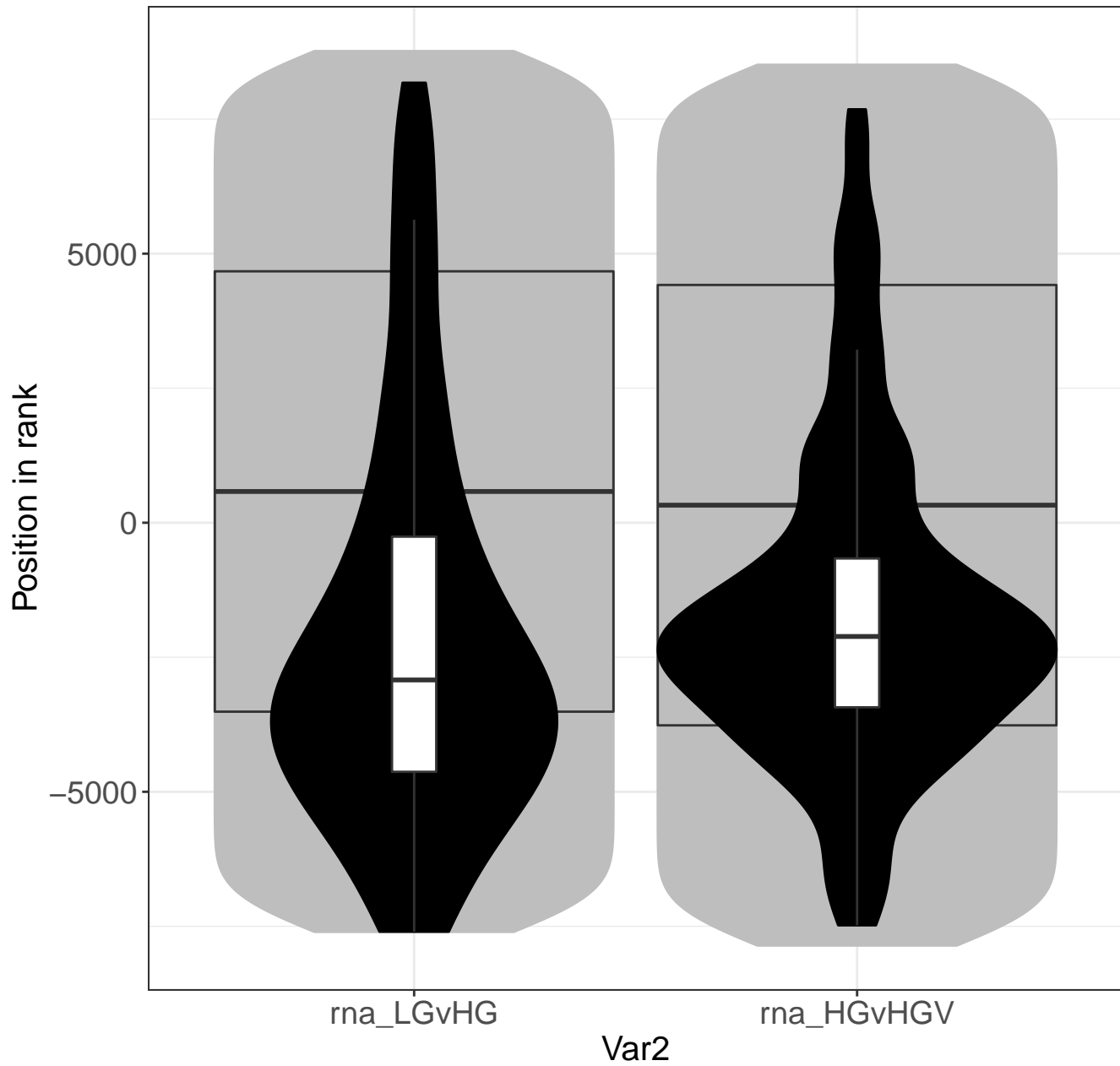
# Influenza Infection



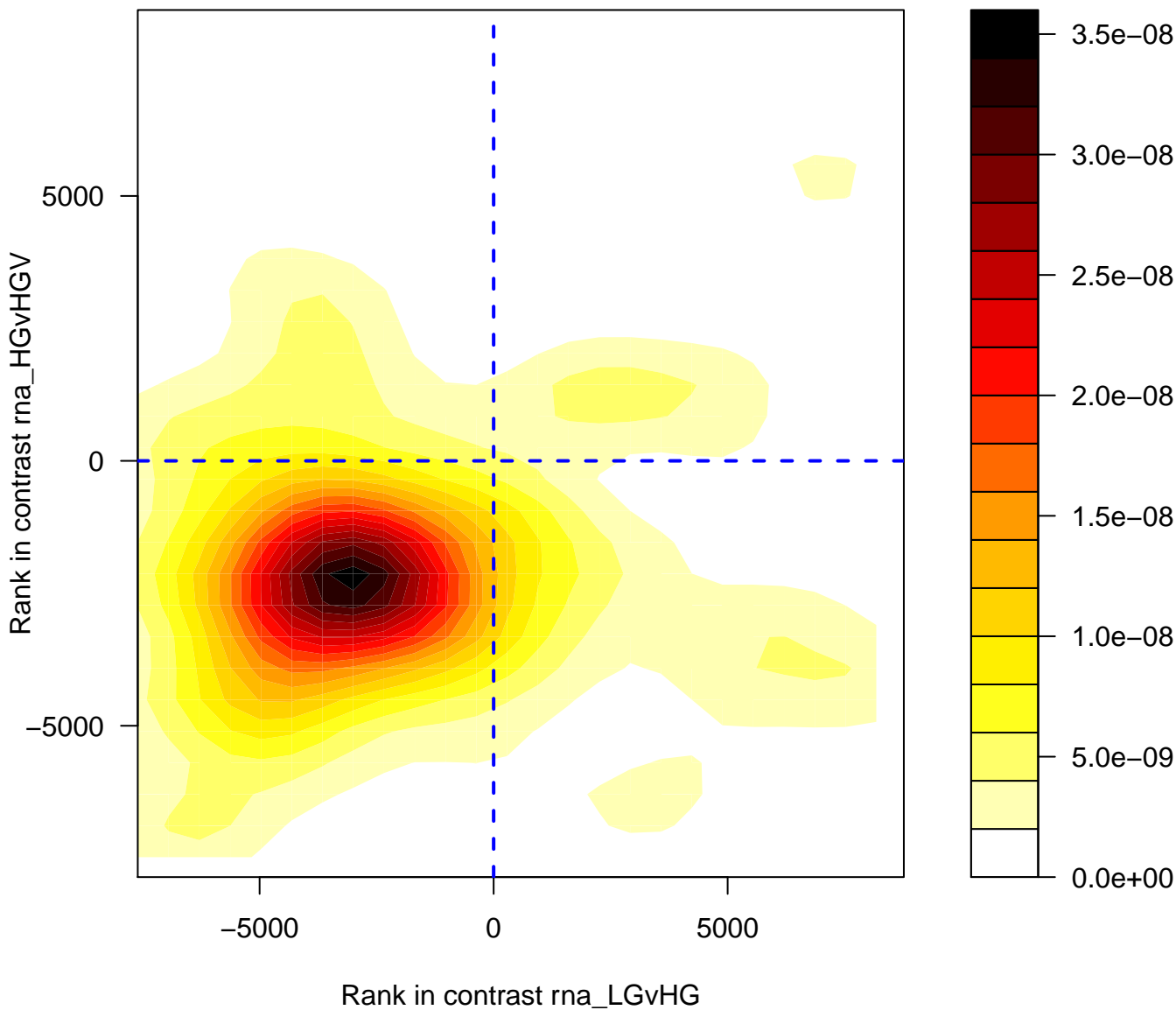
# Influenza Infection



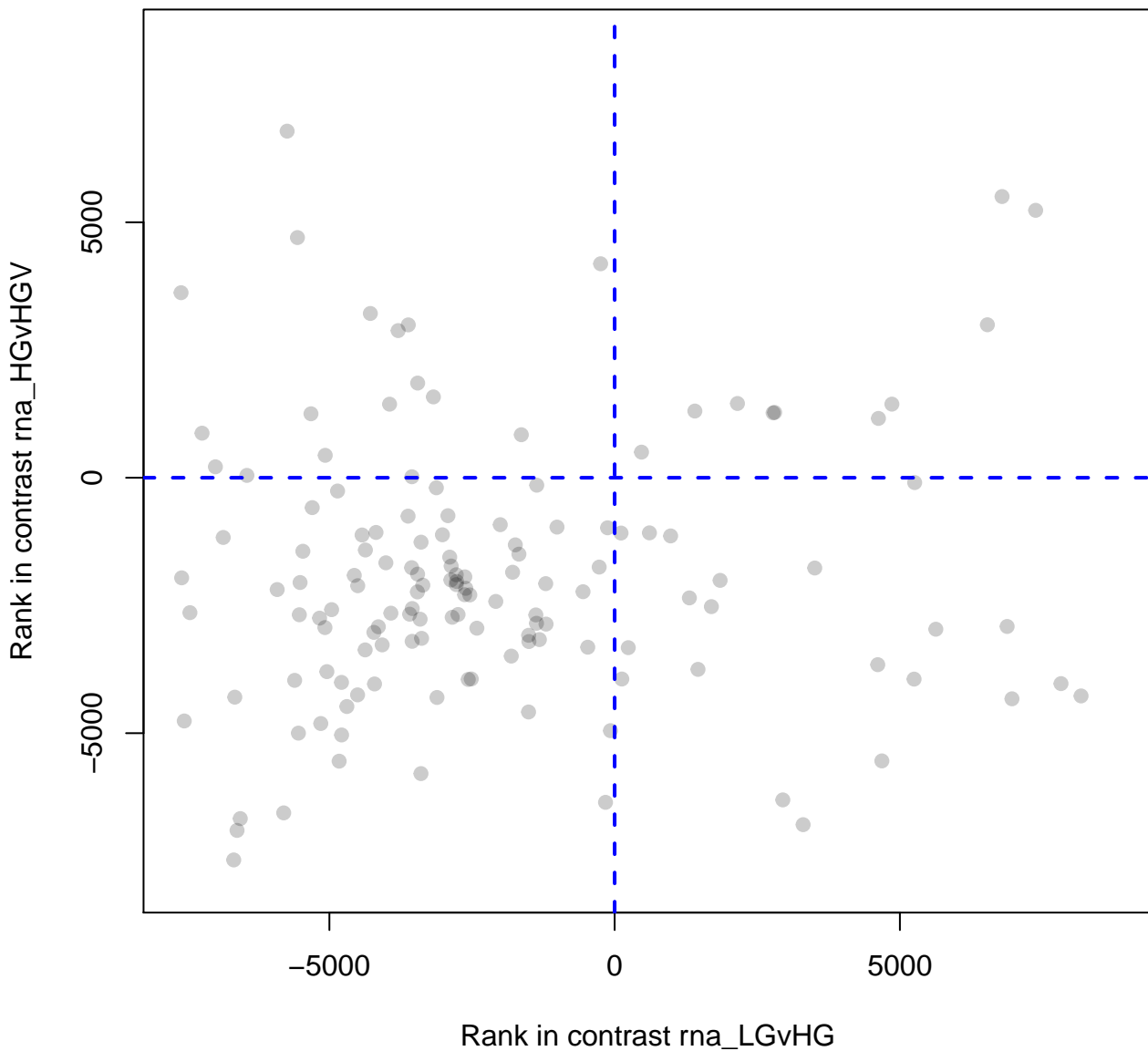
# Influenza Infection



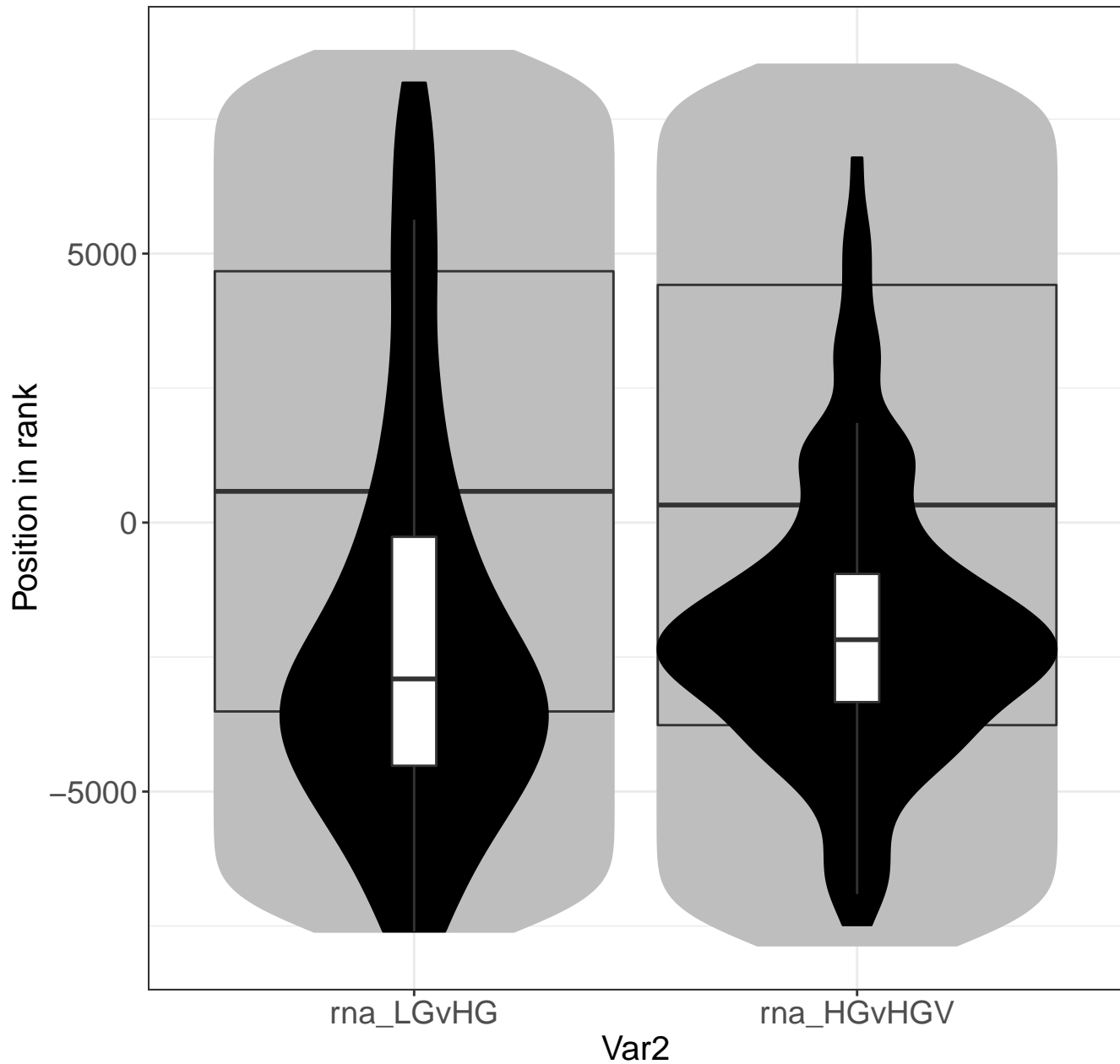
# Influenza Life Cycle



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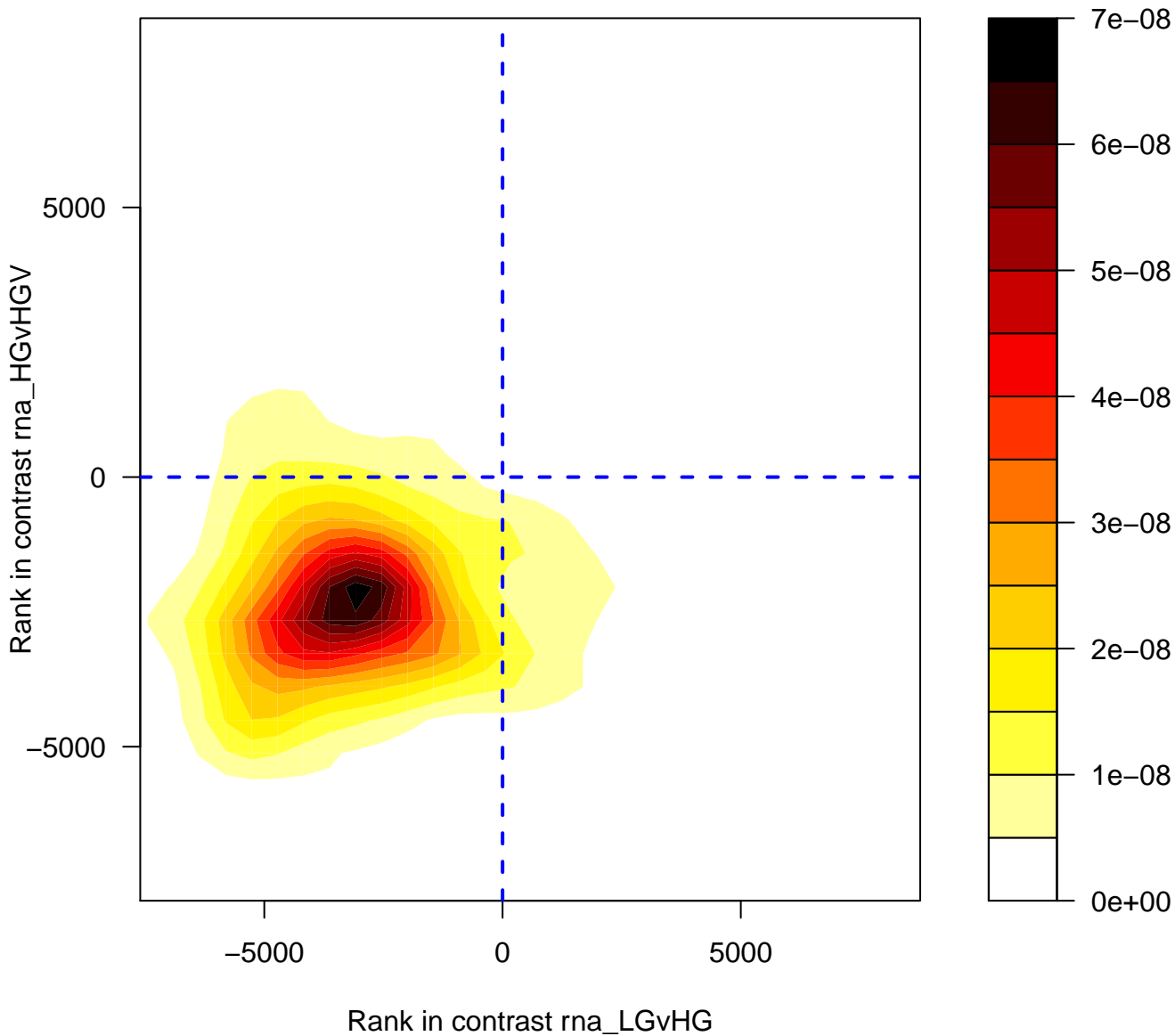


# Influenza Life Cycle

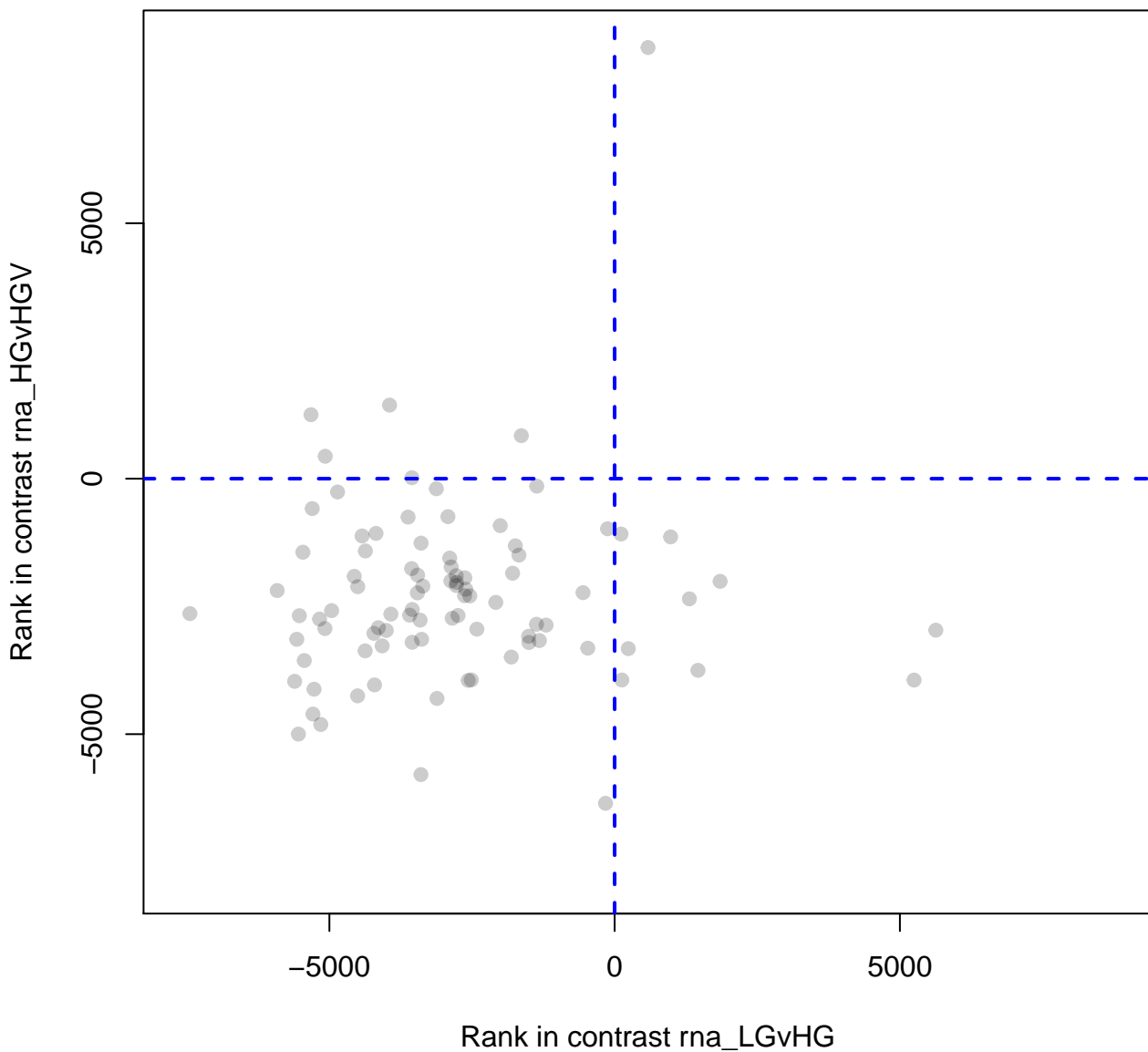




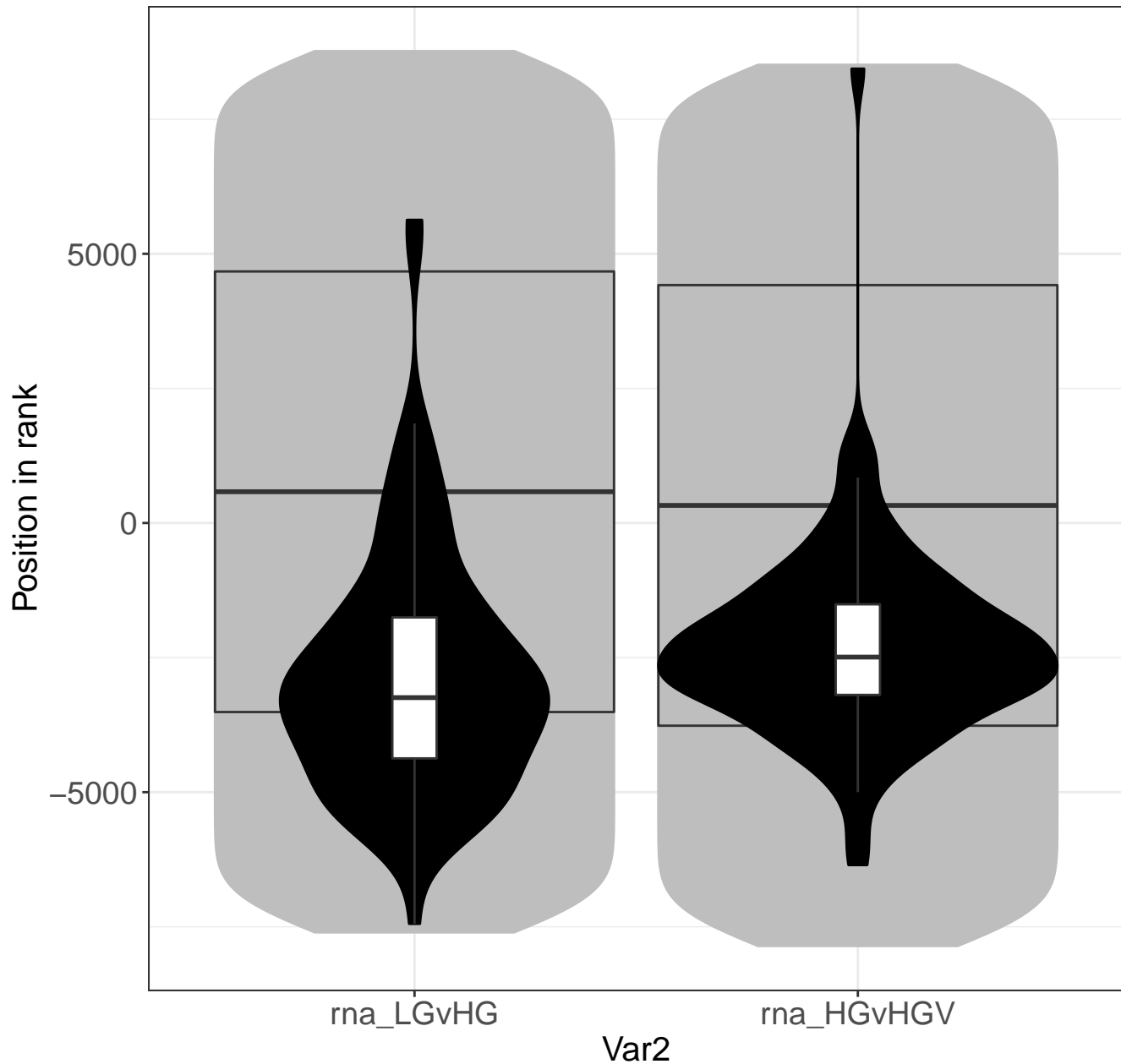
# Eukaryotic Translation Elongation



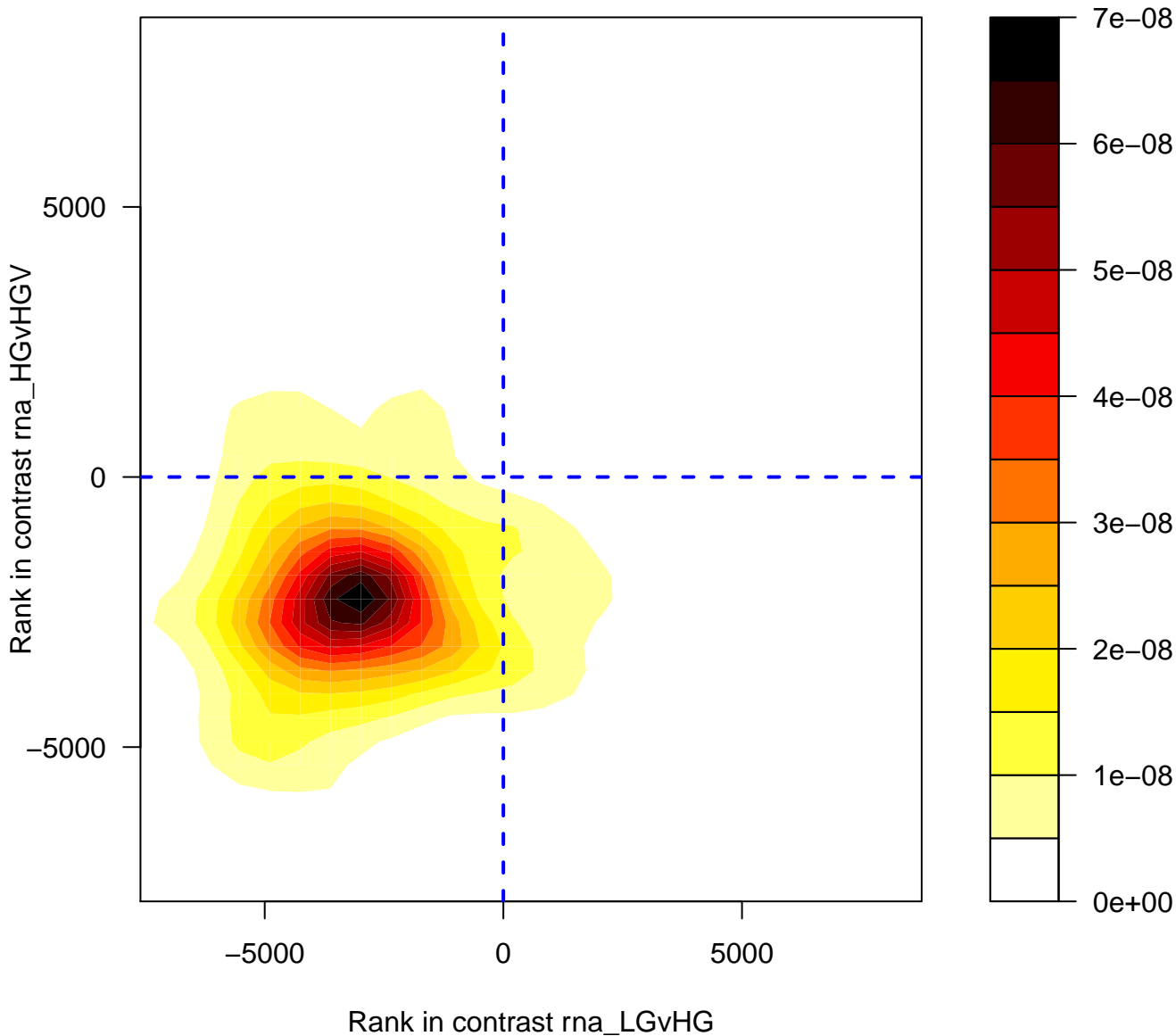
# Eukaryotic Translation Elongation



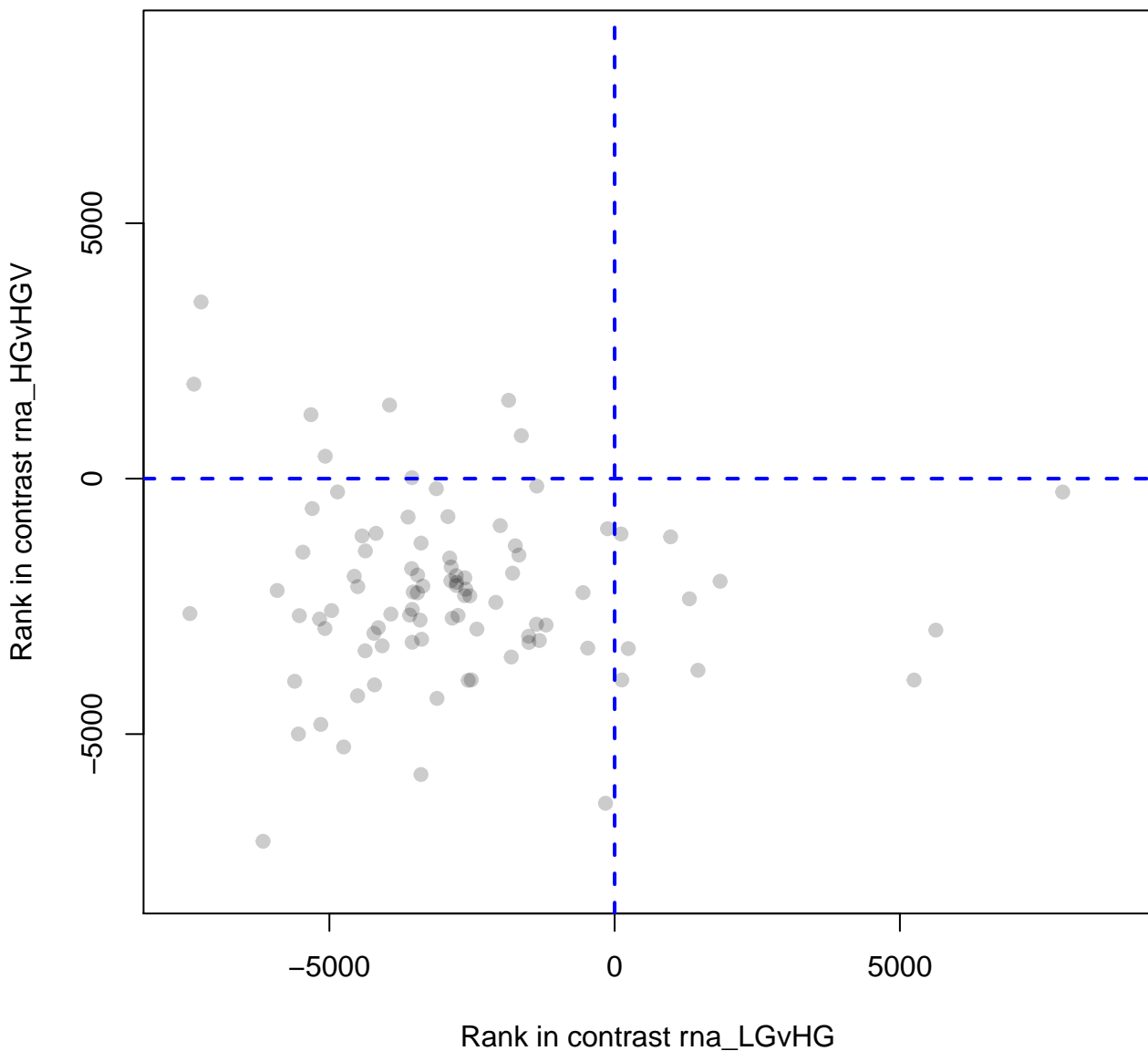
# Eukaryotic Translation Elongation



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



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



# Nonsense Mediated Decay (NMD) independent of

