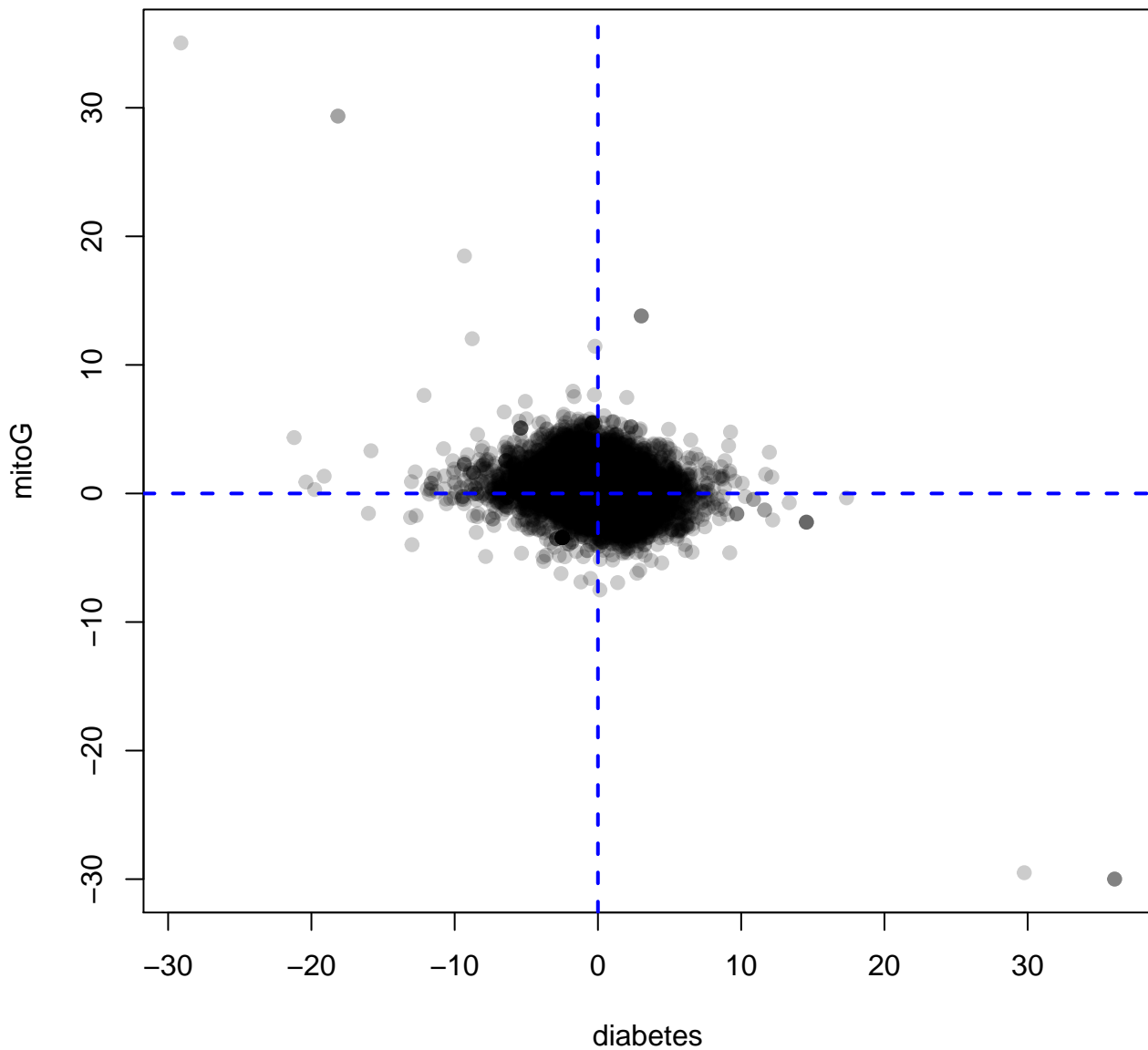
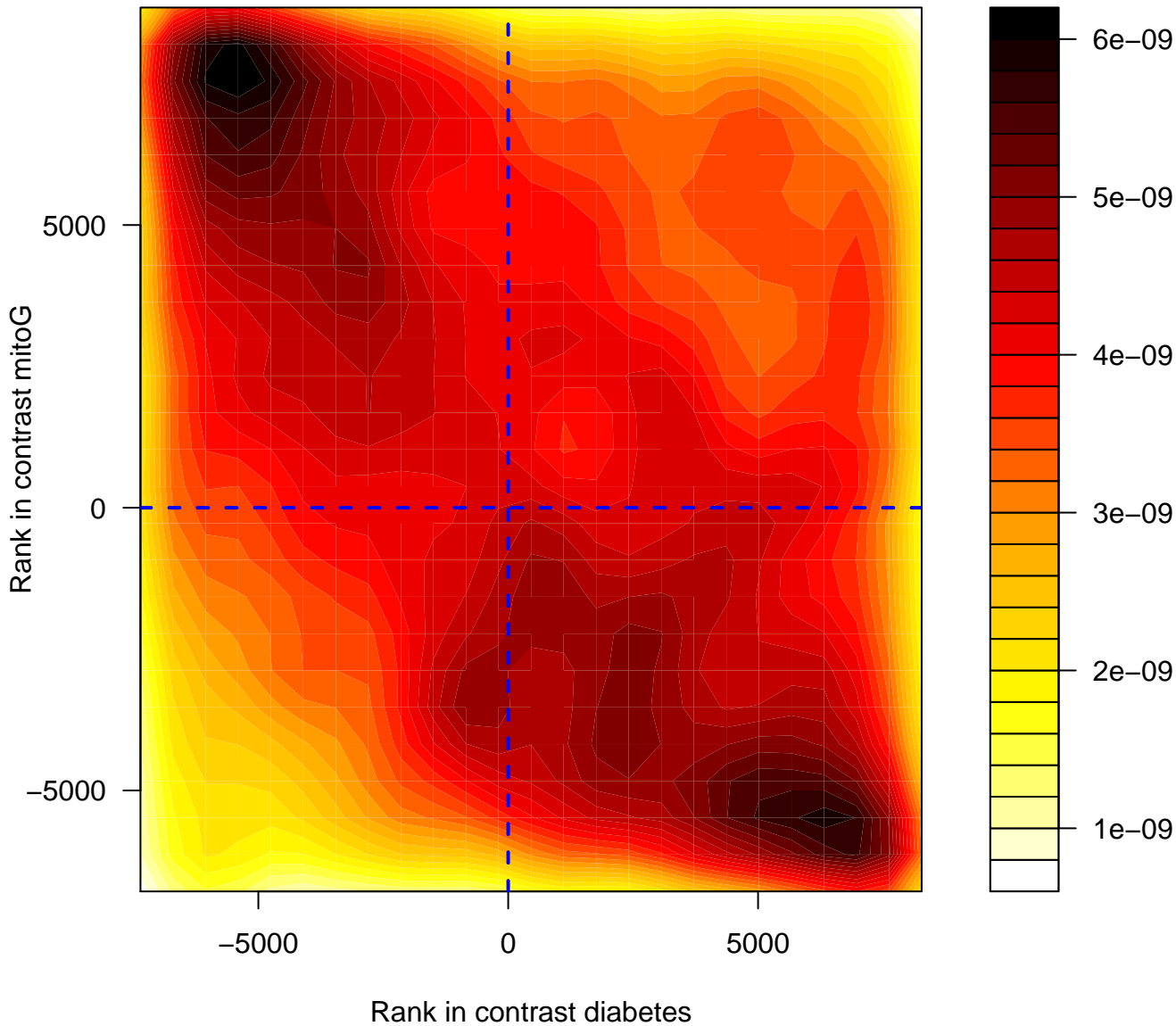


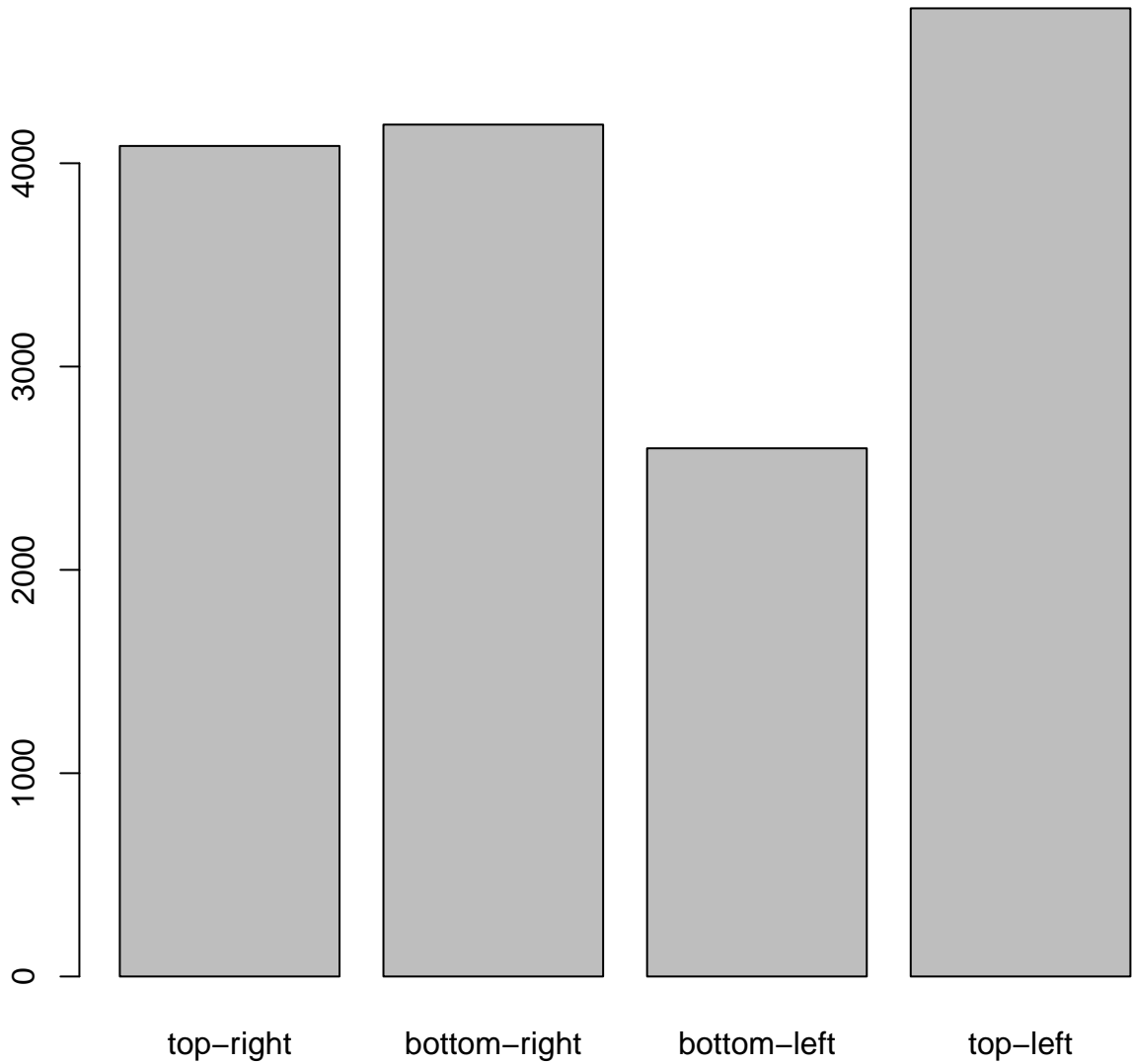
Scatterplot of all genes



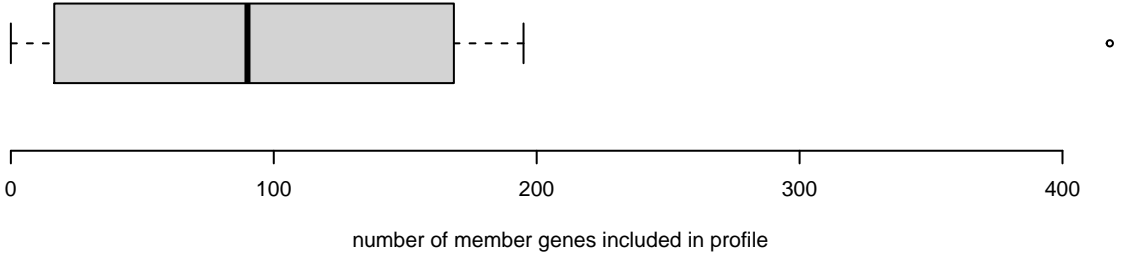
# Rank-rank plot of all genes



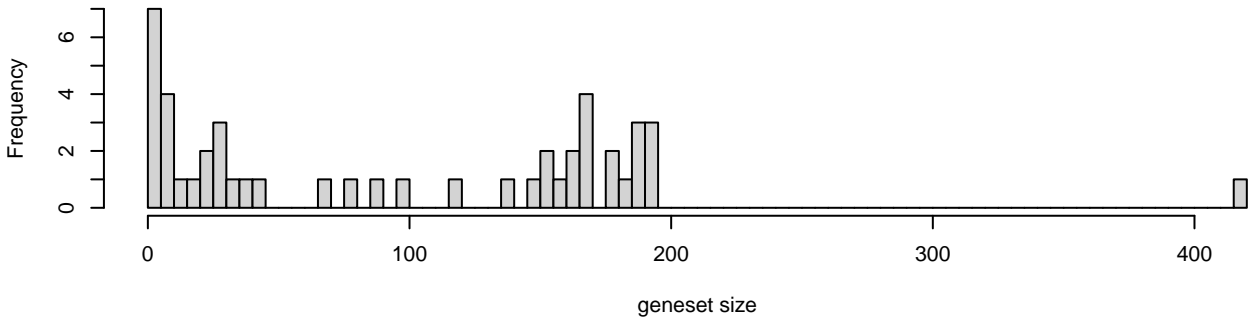
# number of genes in each quadrant



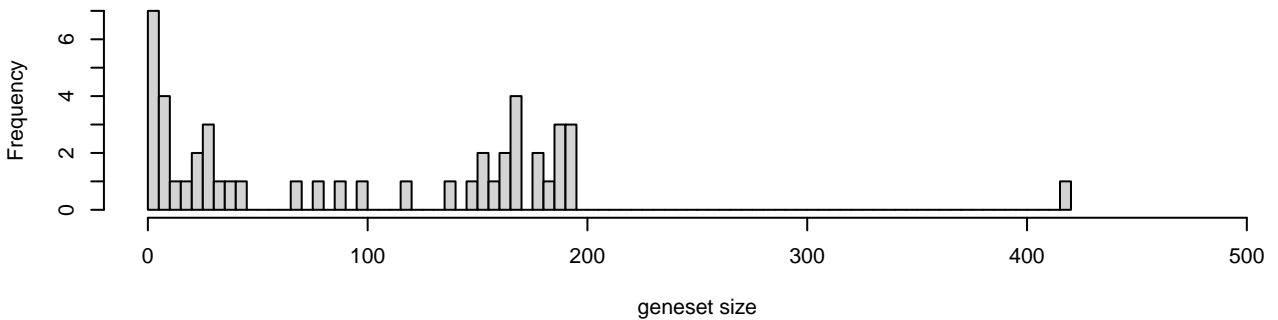
## Gene set size



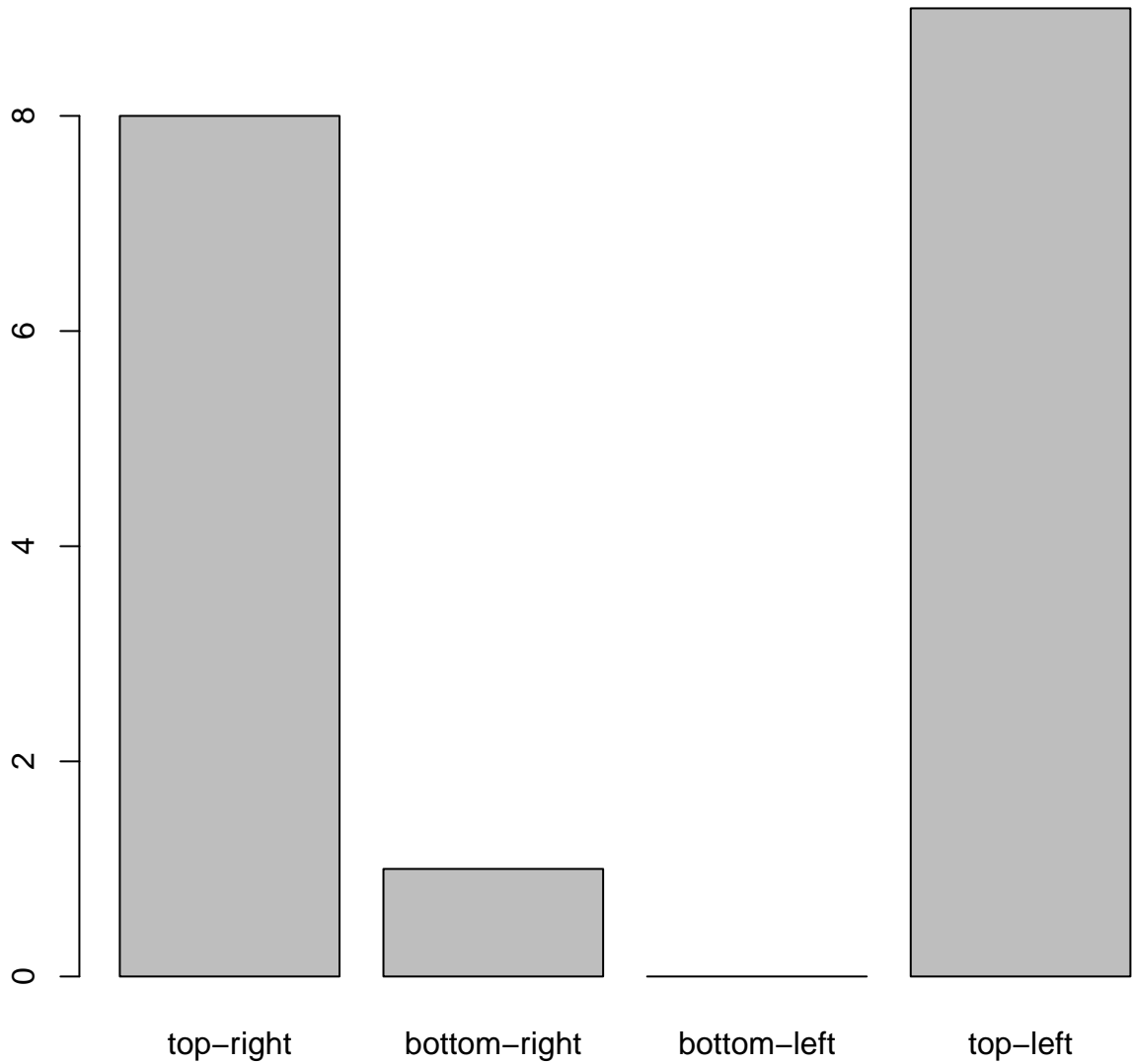
## Histogram of geneset size



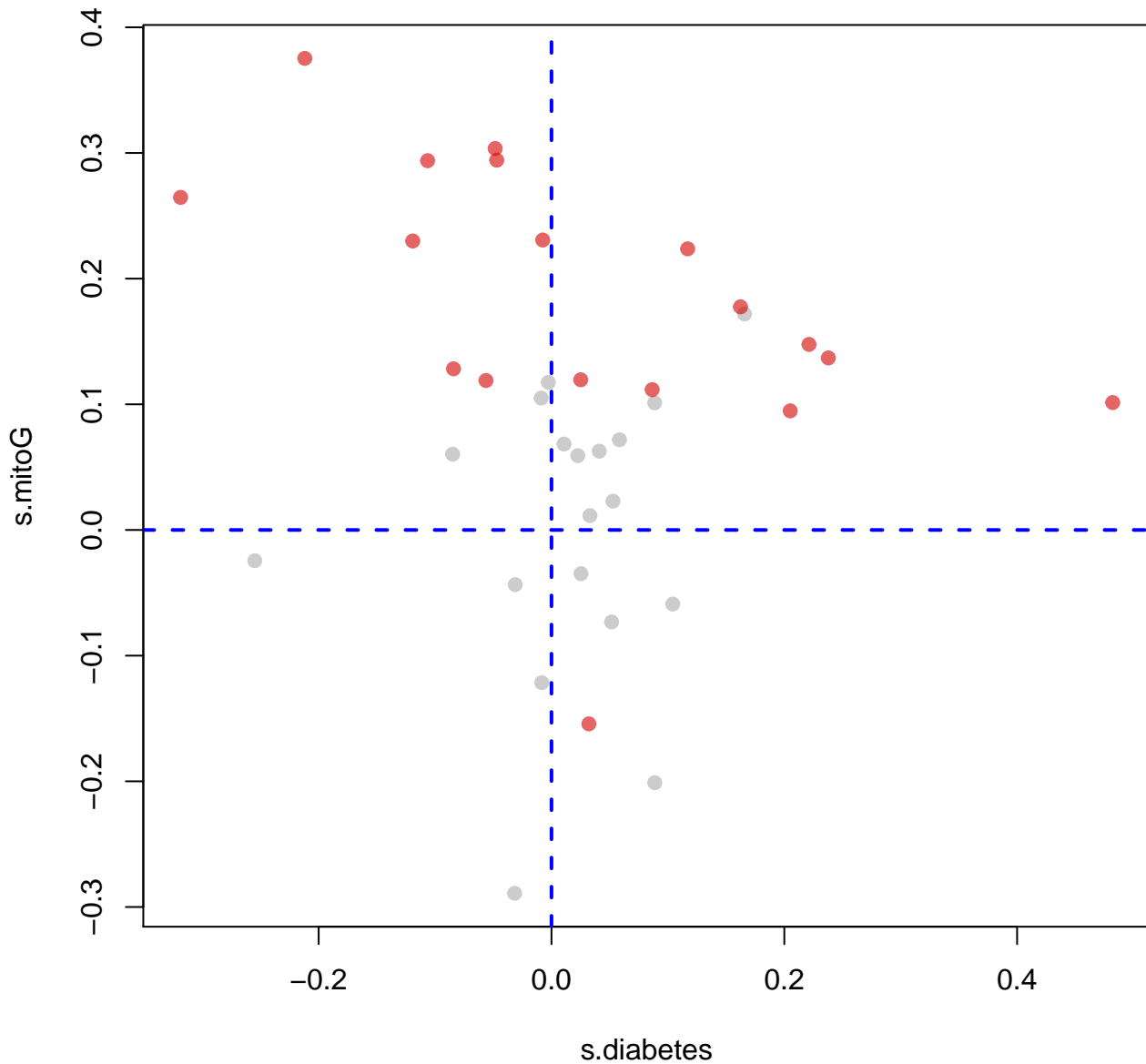
## Trimmed histogram of geneset size



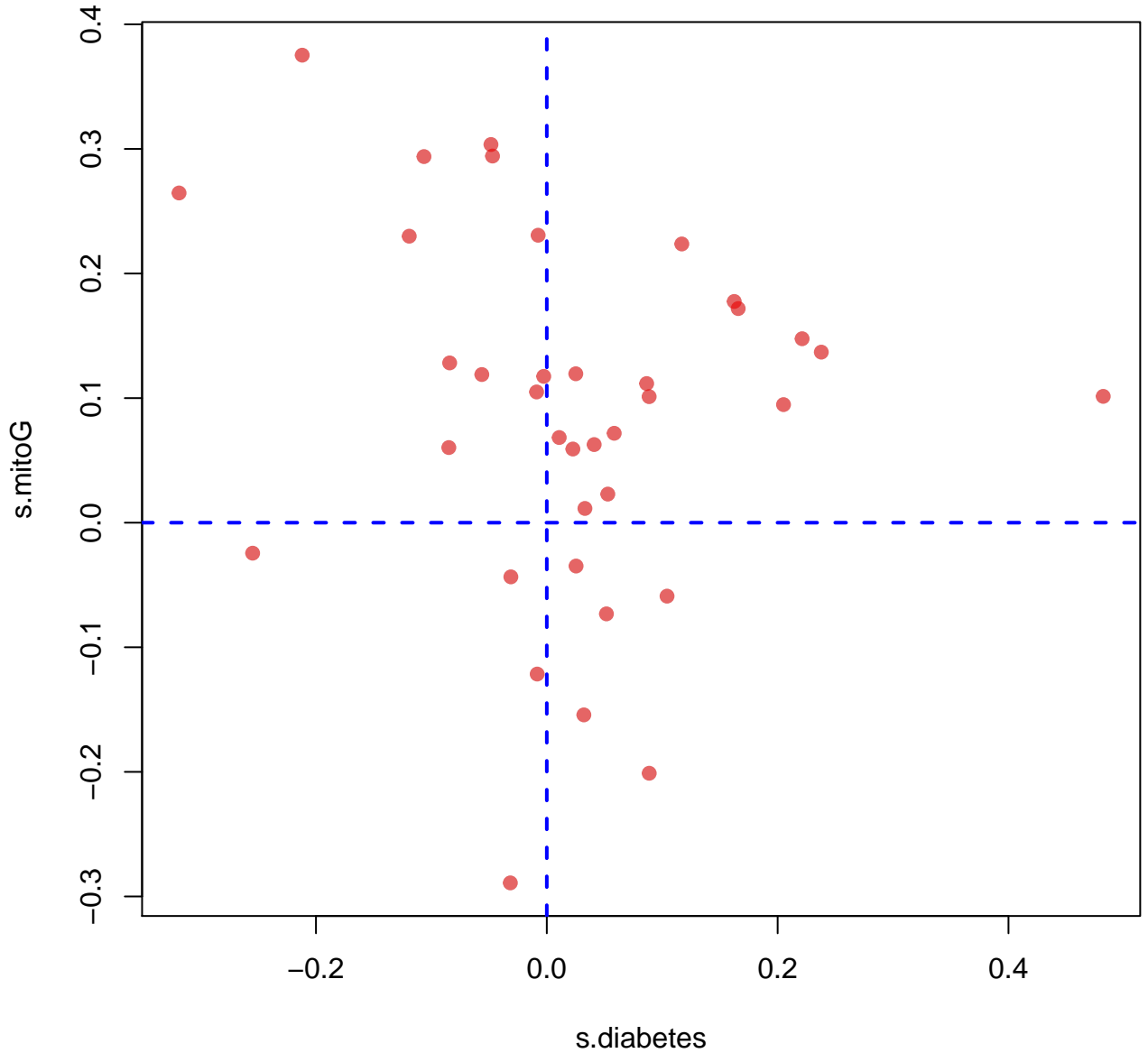
# number of genesets FDR<0.05



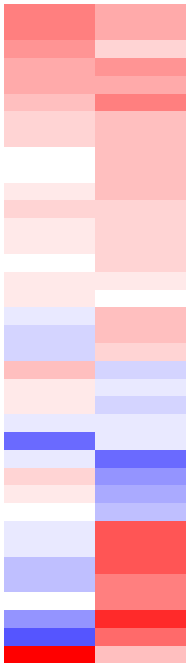
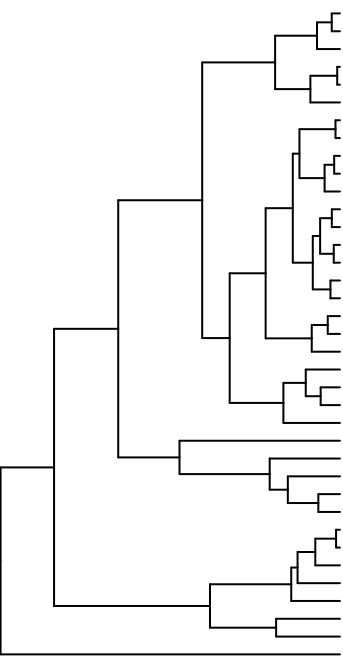
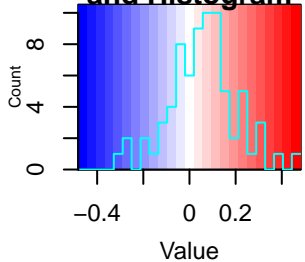
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 37 in red



# Color Key and Histogram



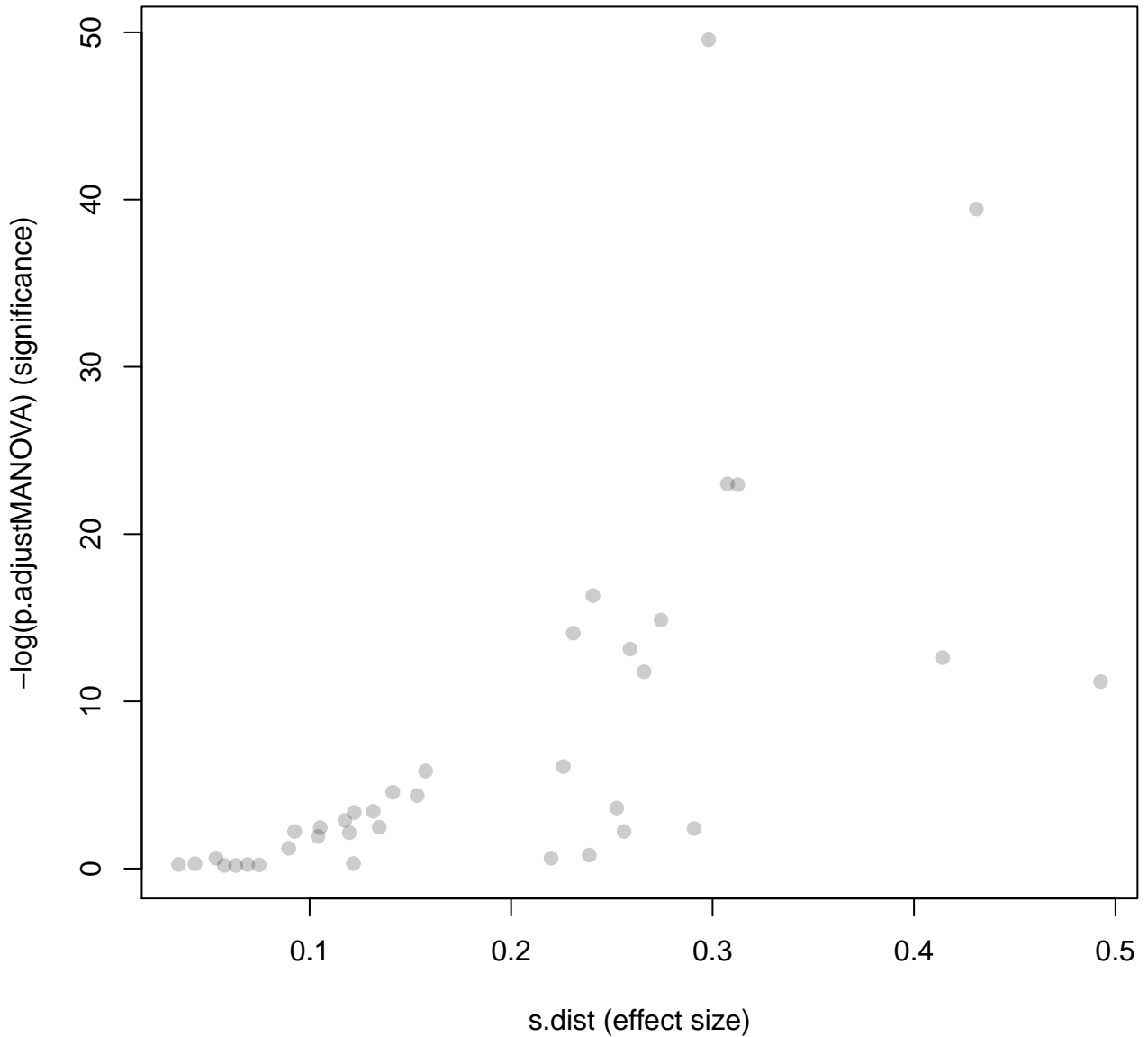
diabetes

mitoG

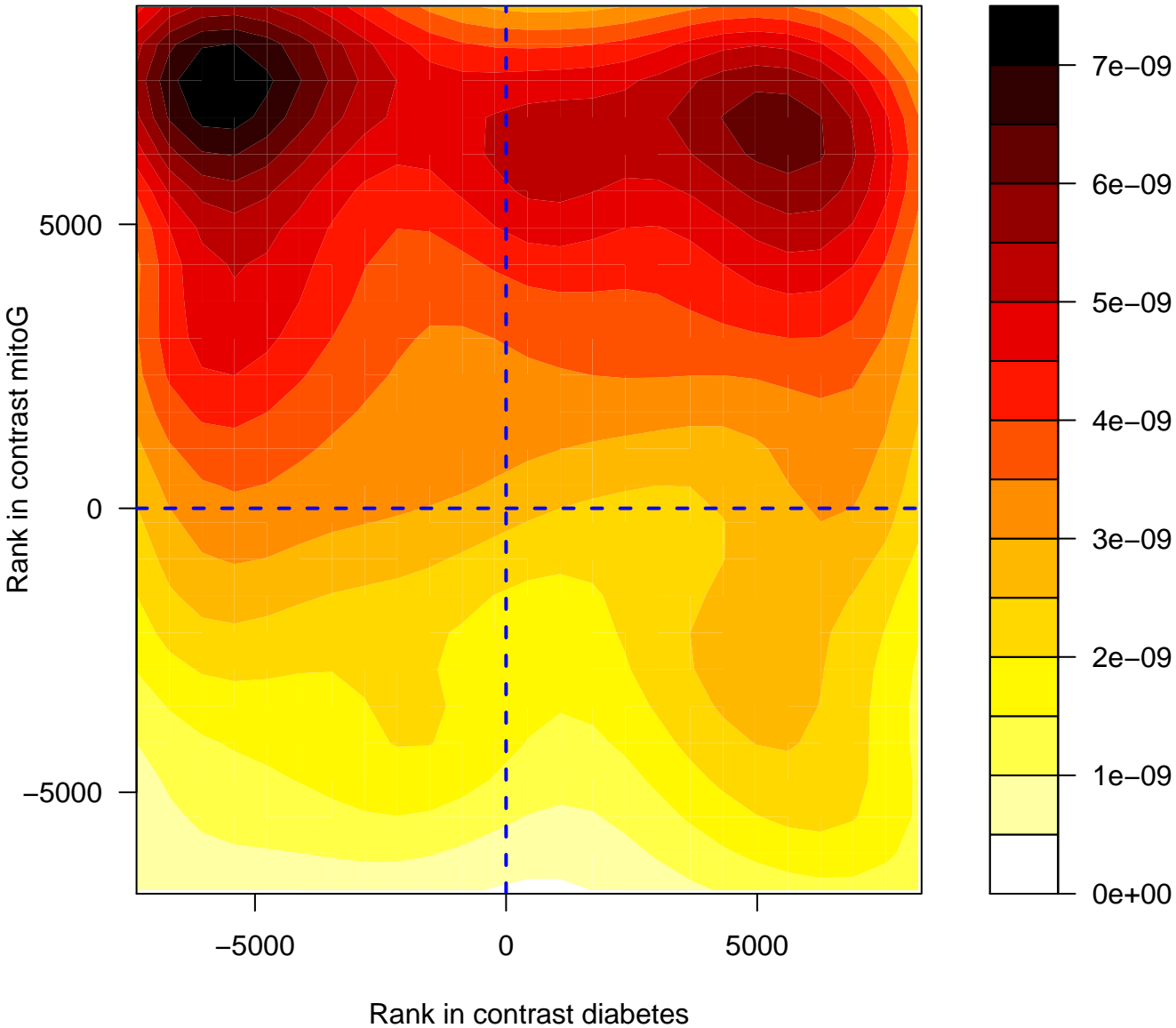
- Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and hea
- BAELDE\_DIABETIC\_NEPHROPATHY\_UP
- HP\_NEONATAL\_INSULIN\_DEPENDENT\_DIABETES\_MELLITUS
- GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_4MONTH\_POST\_DX\_PBMC\_DN
- GSE9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE\_1\_DIABETES\_DX\_PBMC\_UP
- GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_AT\_DX\_DN
- HP\_INSULIN\_RESISTANT\_DIABETES\_MELLITUS
- KEGG\_TYPE\_II\_DIABETES\_MELLITUS
- GSE9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE\_1\_DIABETES\_DX\_PBMC\_DN
- GSE40225\_WT\_VS\_RIP\_B7X\_DIABETIC\_MOUSE\_PANCREATIC\_CD8\_TCELL
- HP\_TYPE\_II\_DIABETES\_MELLITUS
- GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_1MONTH\_POST\_DX\_D
- KEGG\_TYPE\_I\_DIABETES\_MELLITUS
- KEGG\_MATURITY\_ONSET\_DIABETES\_OF\_THE\_YOUNG
- WP\_TYPE\_II\_DIABETES\_MELLITUS
- BAELDE\_DIABETIC\_NEPHROPATHY\_DN
- GSE9006\_HEALTHY\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX\_DN
- GSE9006\_TYPE\_1\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX\_DN
- Gluconeogenesis



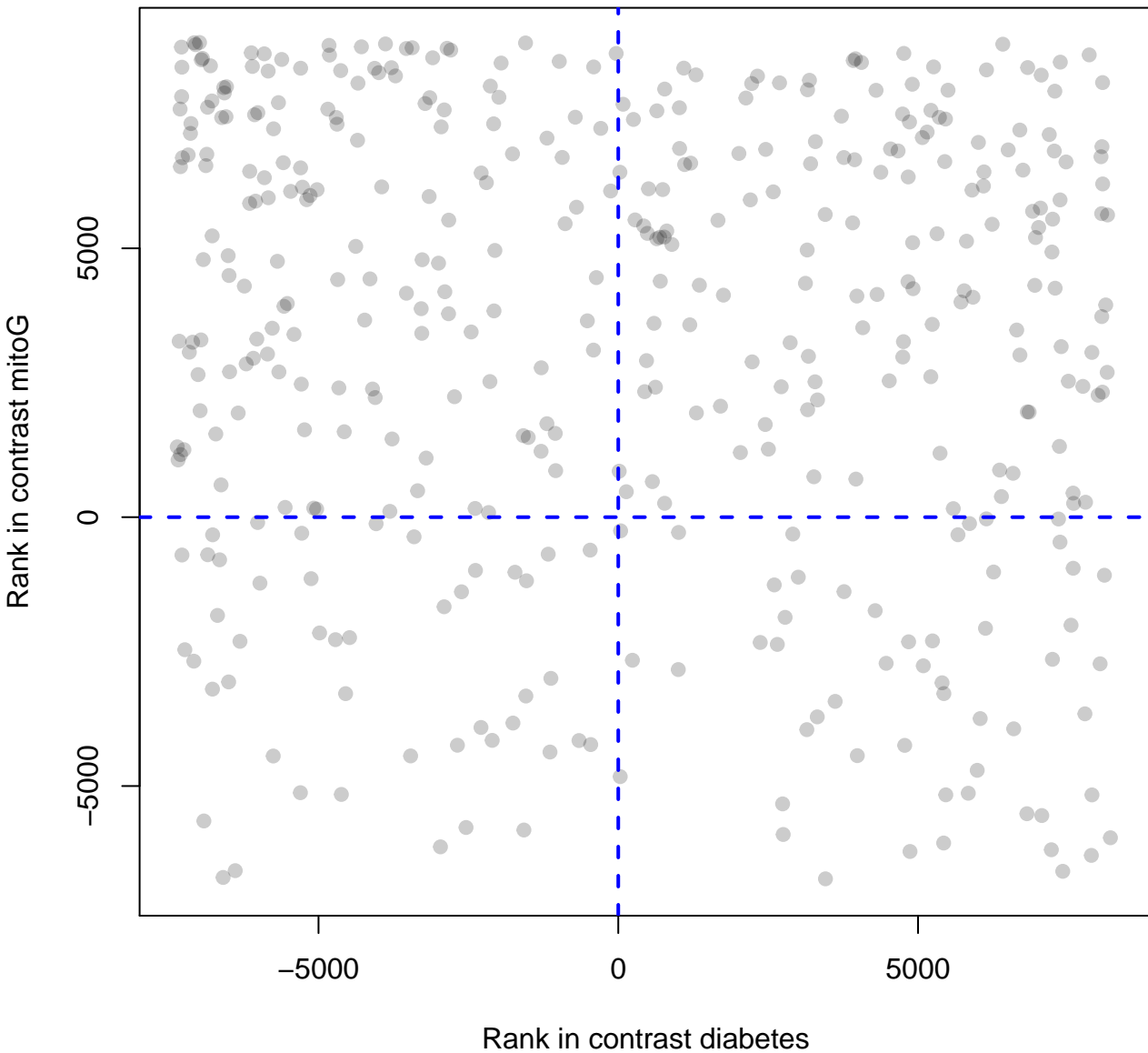
# effect size versus statistical significance



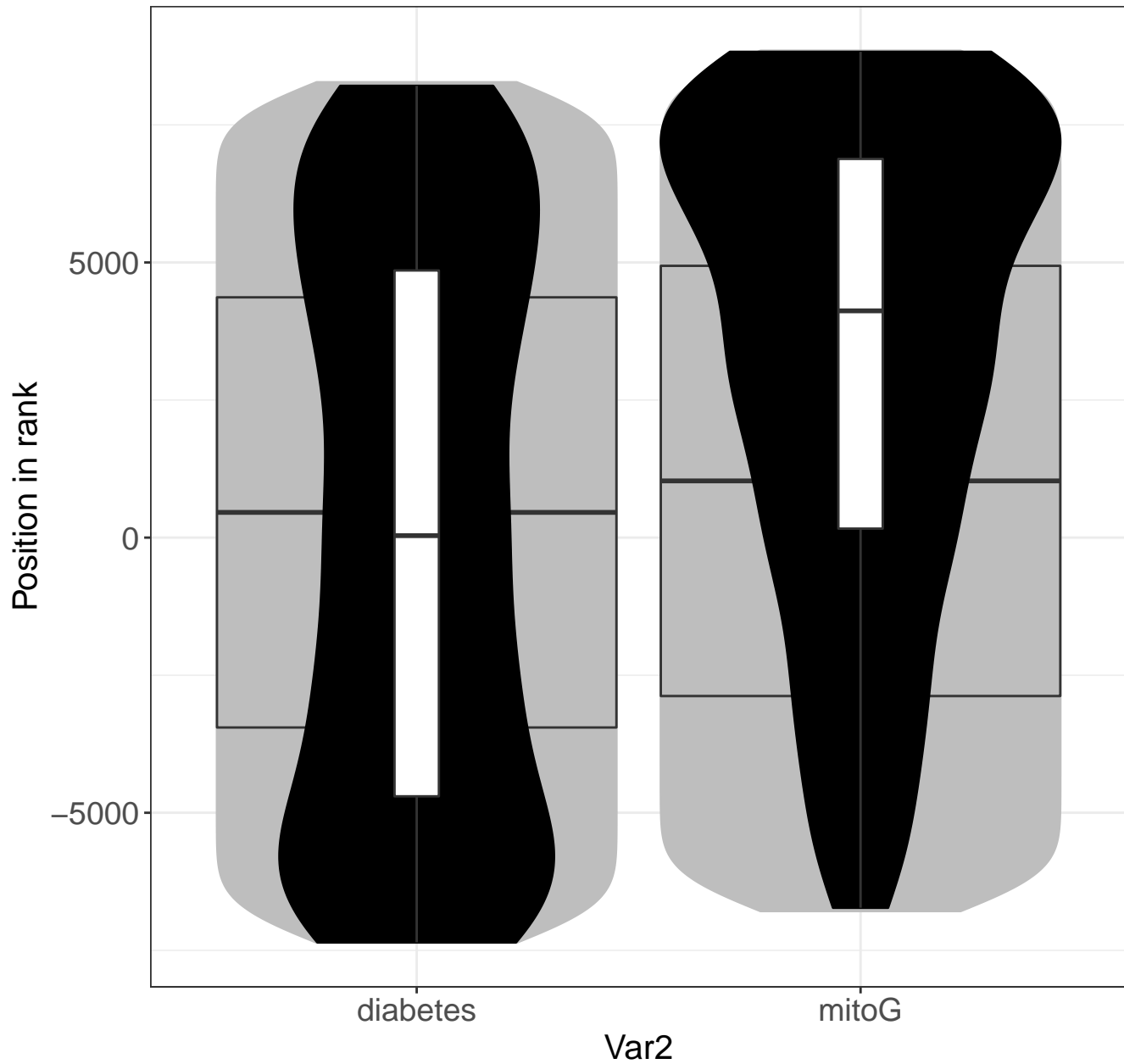
# BAELDE\_DIABETIC\_NEPHROPATHY\_DN



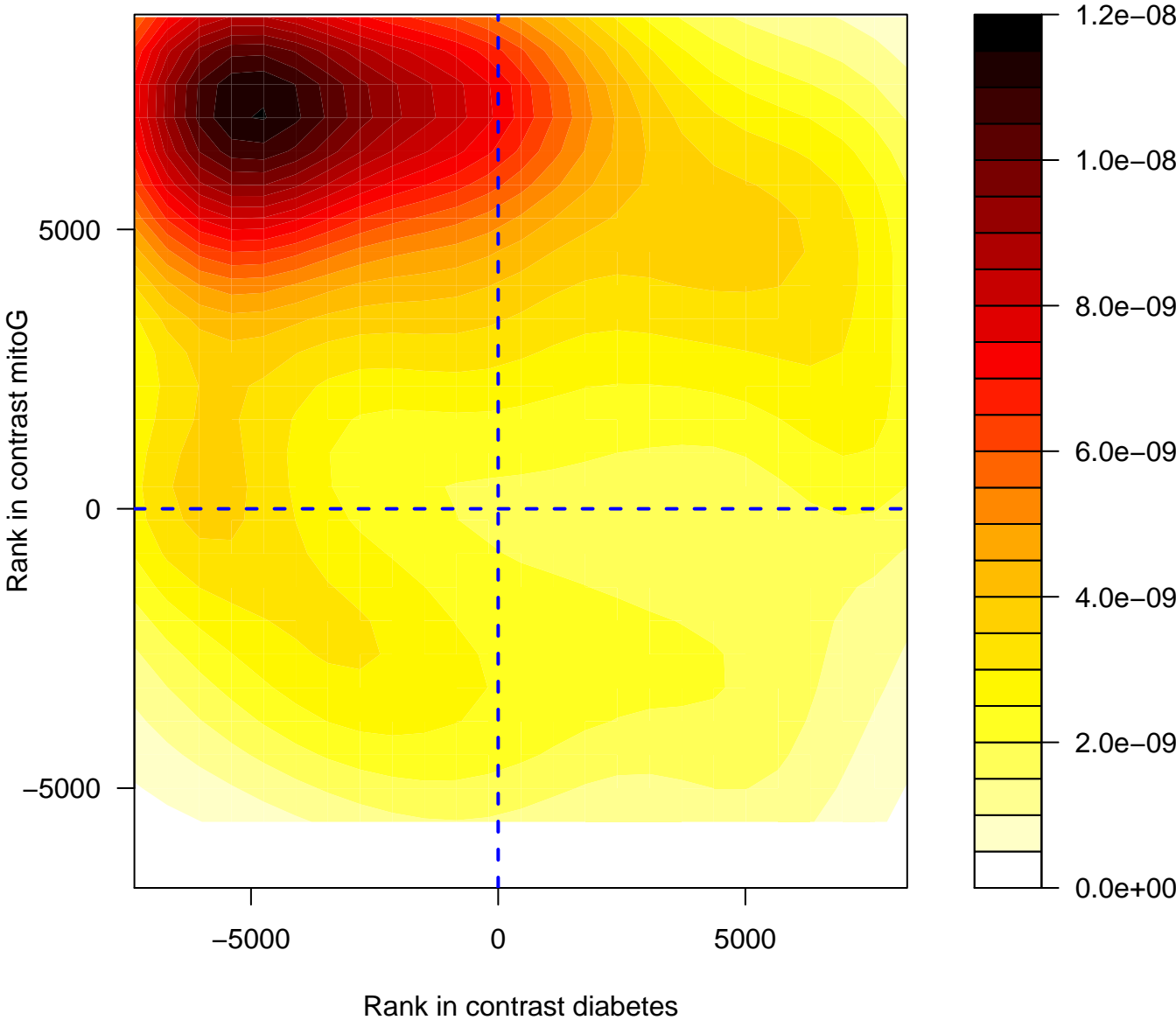
# BAELDE\_DIABETIC\_NEPHROPATHY\_DN



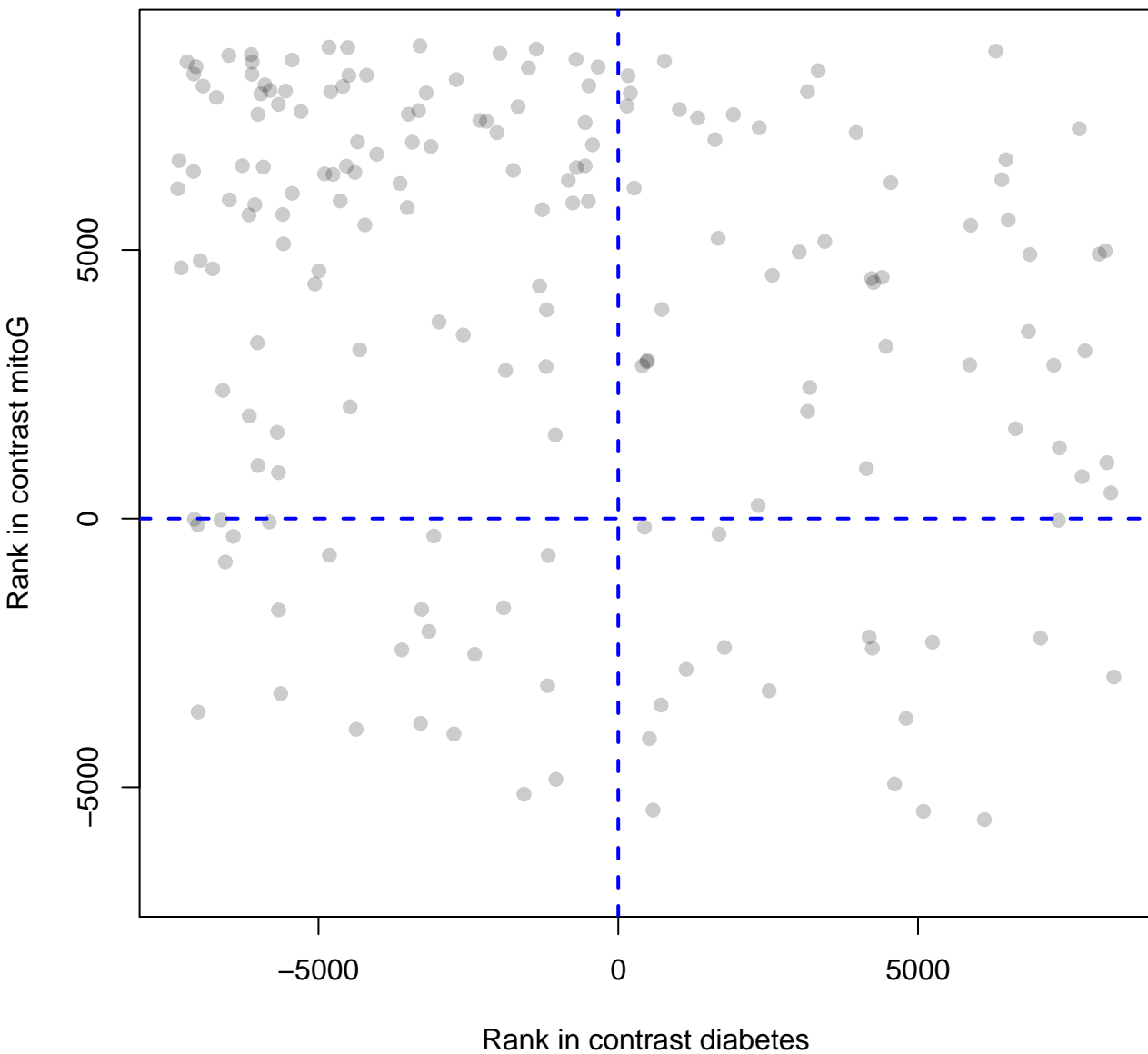
# BAELDE\_DIABETIC\_NEPHROPATHY\_DN



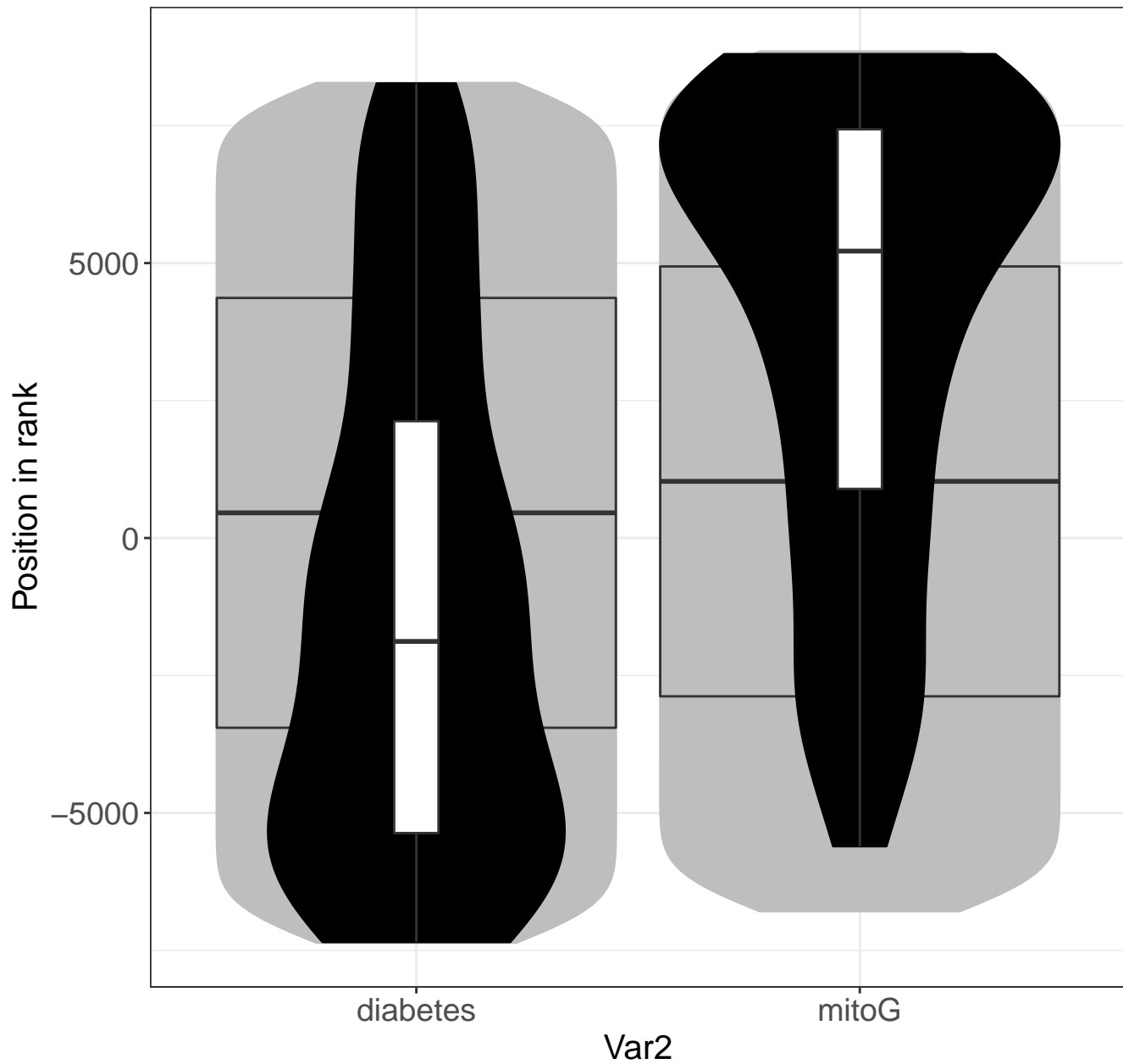
# GSE9006\_TYPE\_1\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX



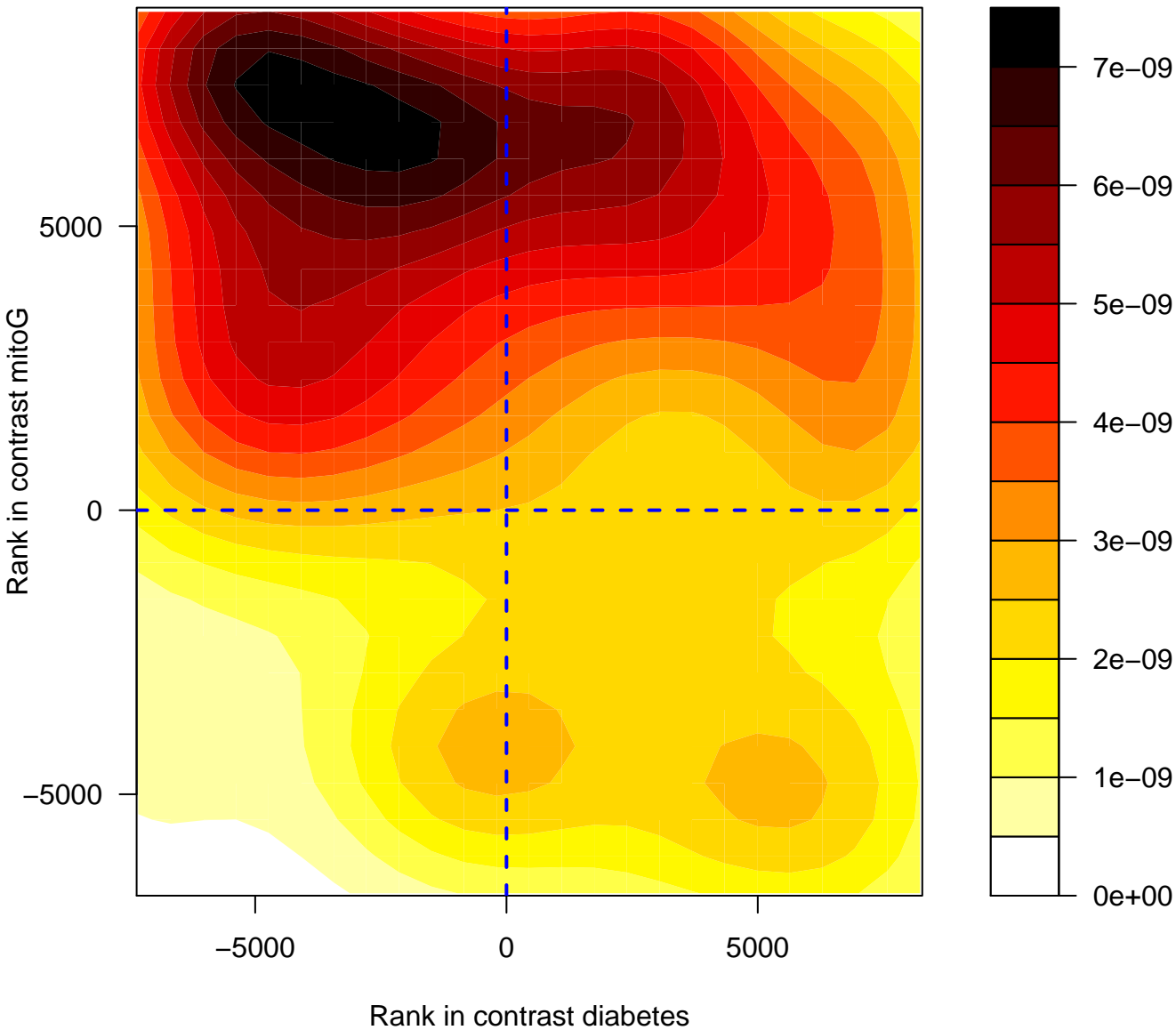
# GSE9006\_TYPE\_1\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX\_DN



# GSE9006\_TYPE\_1\_VS\_TYPE\_2\_DIABETES\_PE

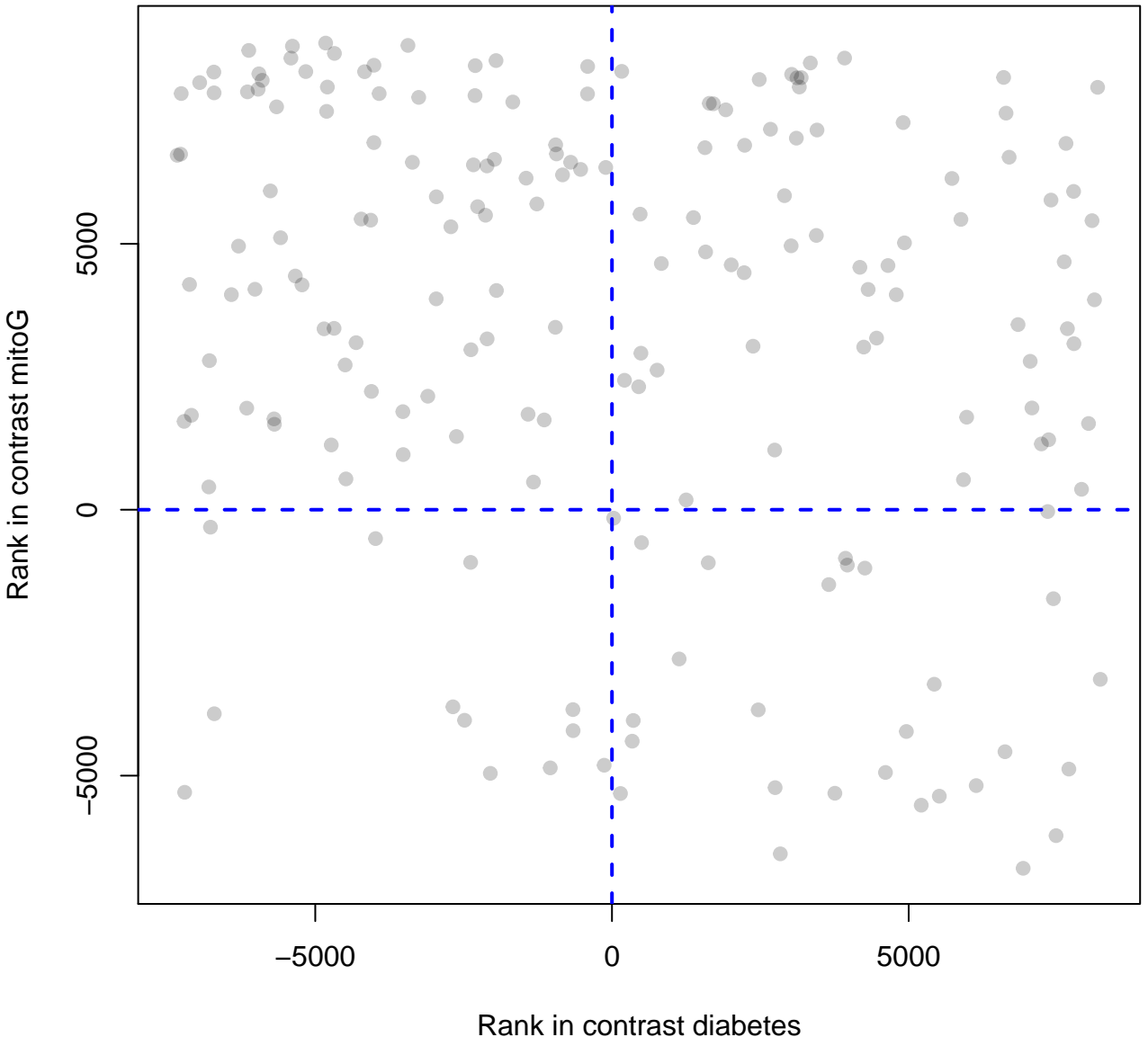


# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_AT\_D)

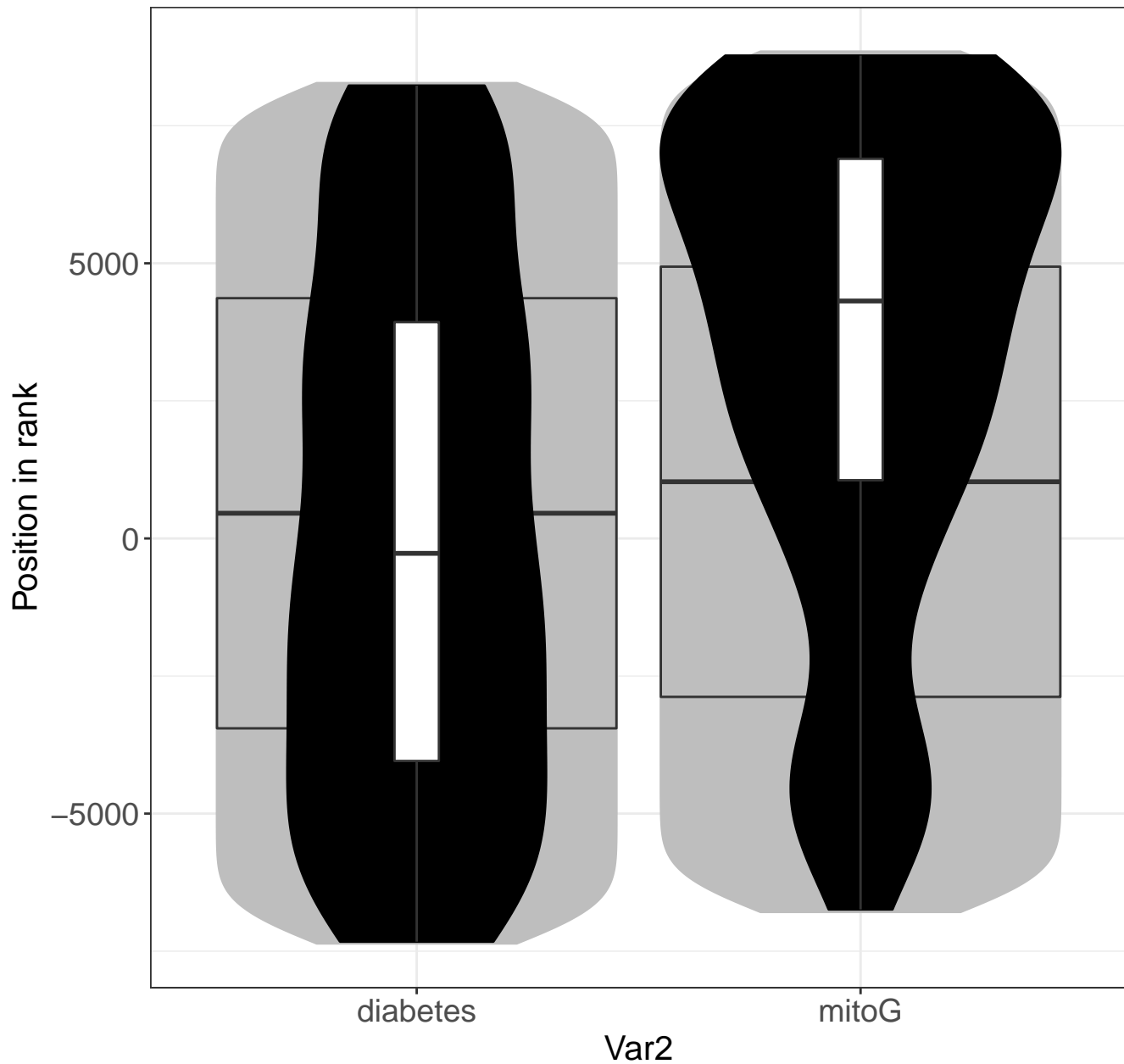




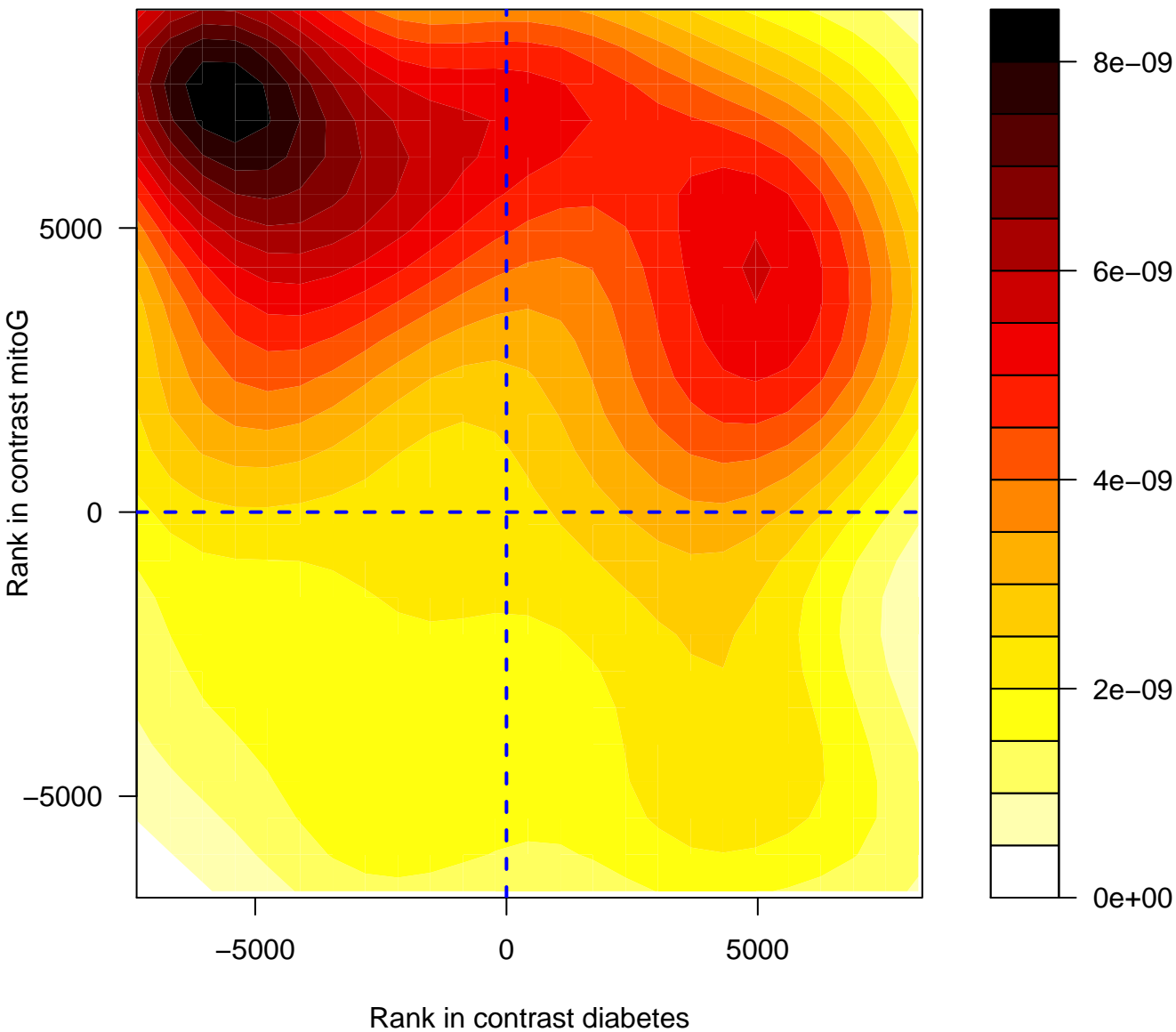
# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_AT\_DX\_UP



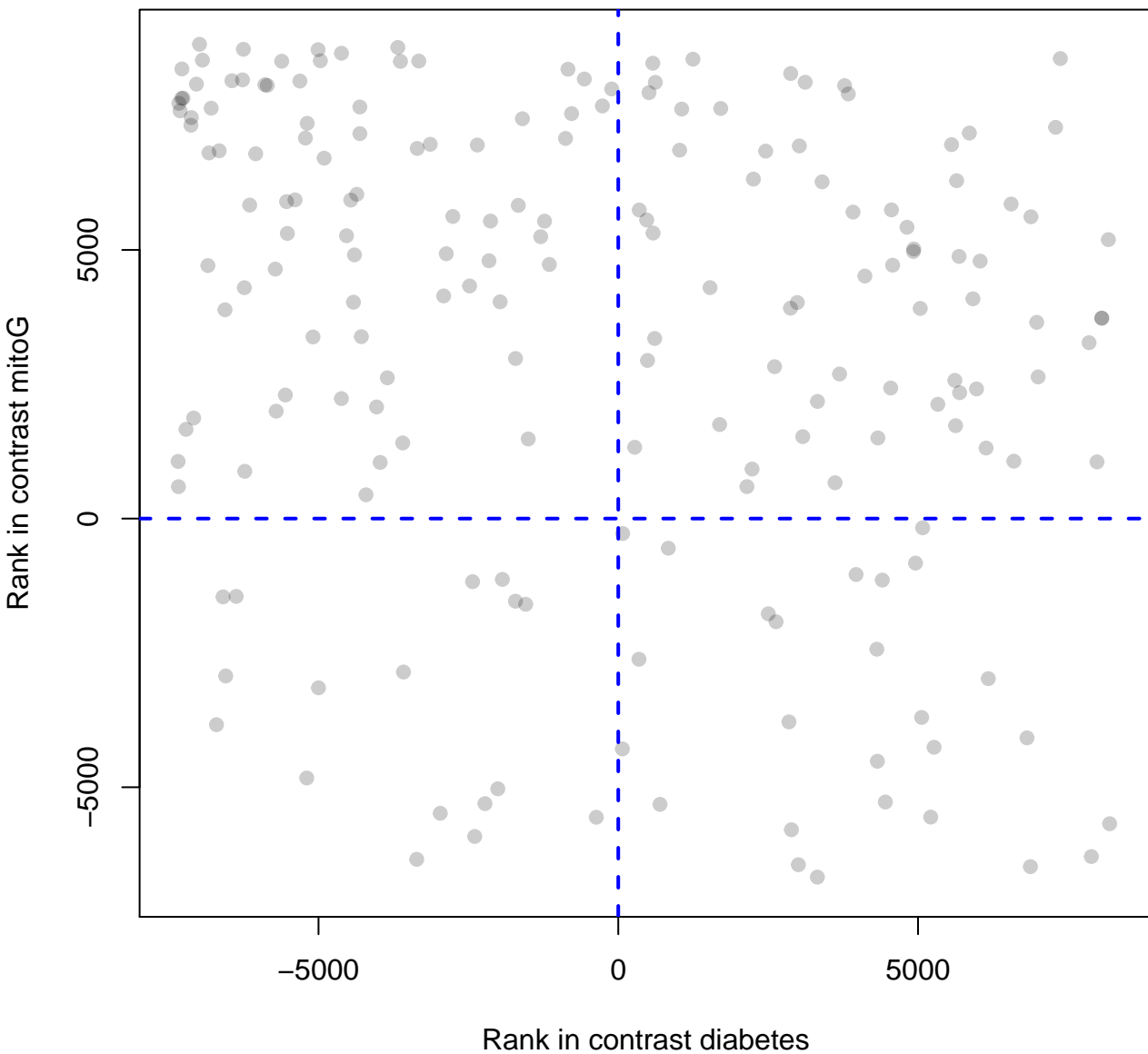
# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_F



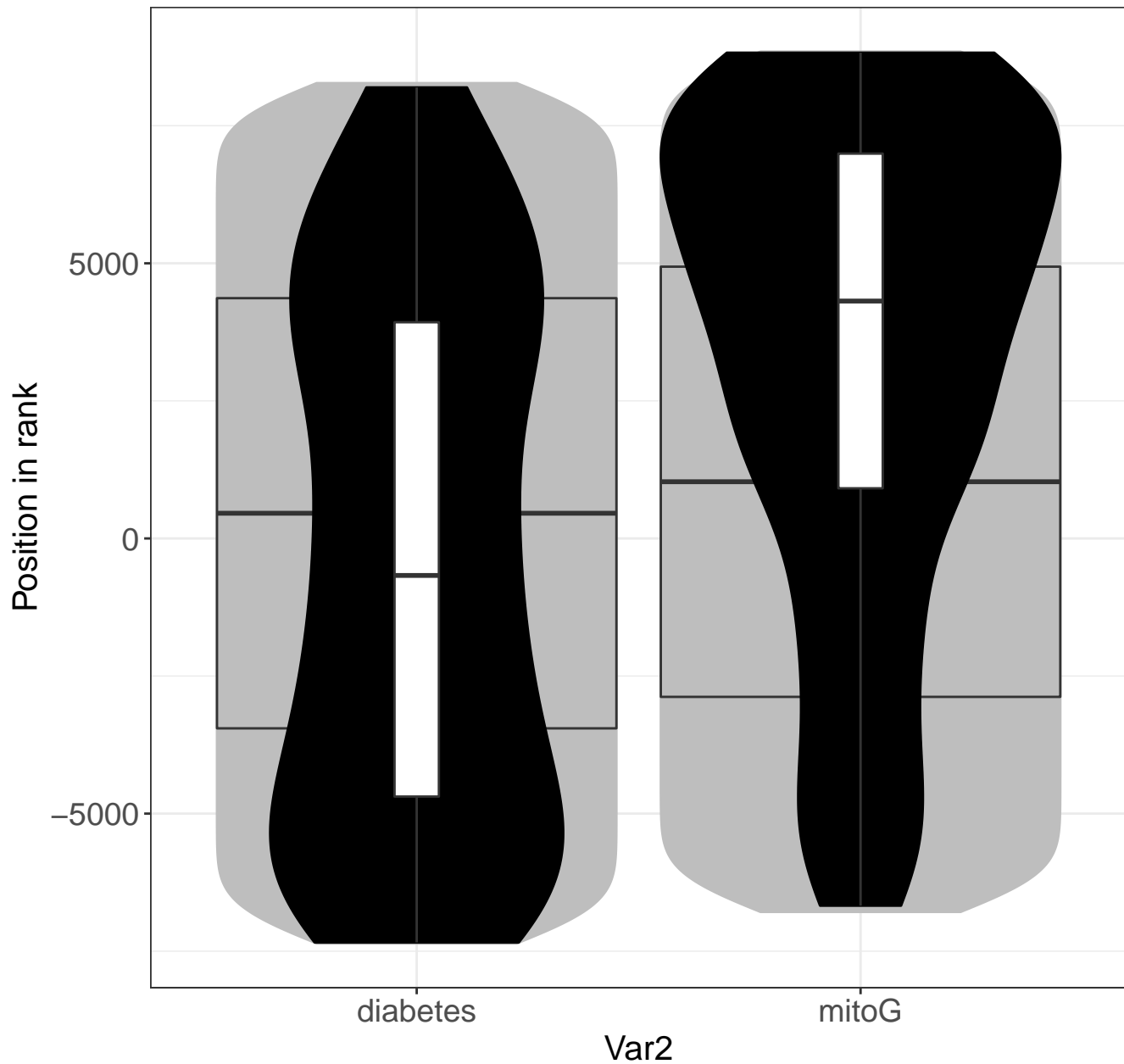
# 0006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_1MONTH\_PC



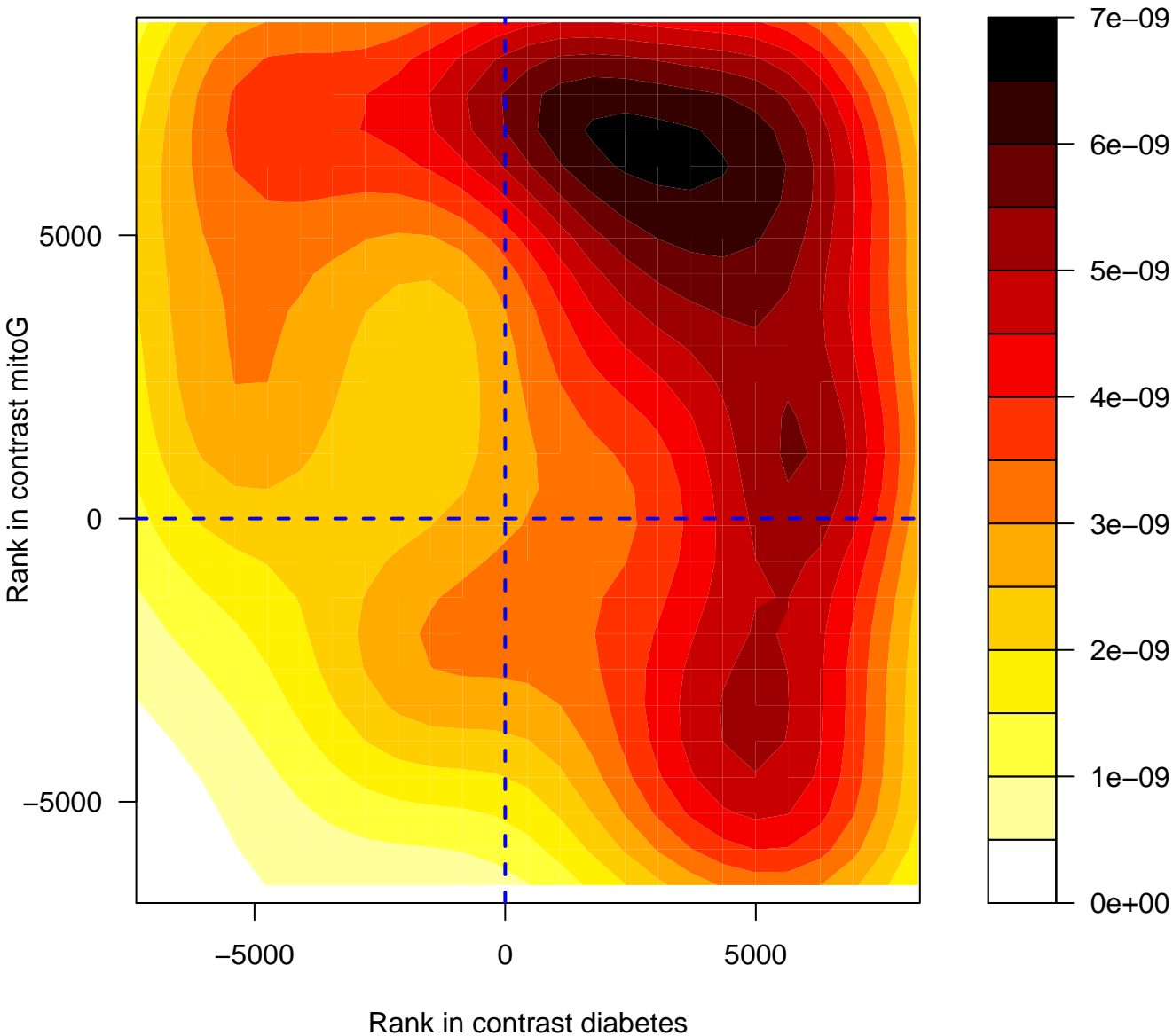
# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_1MONTH\_POST\_DX



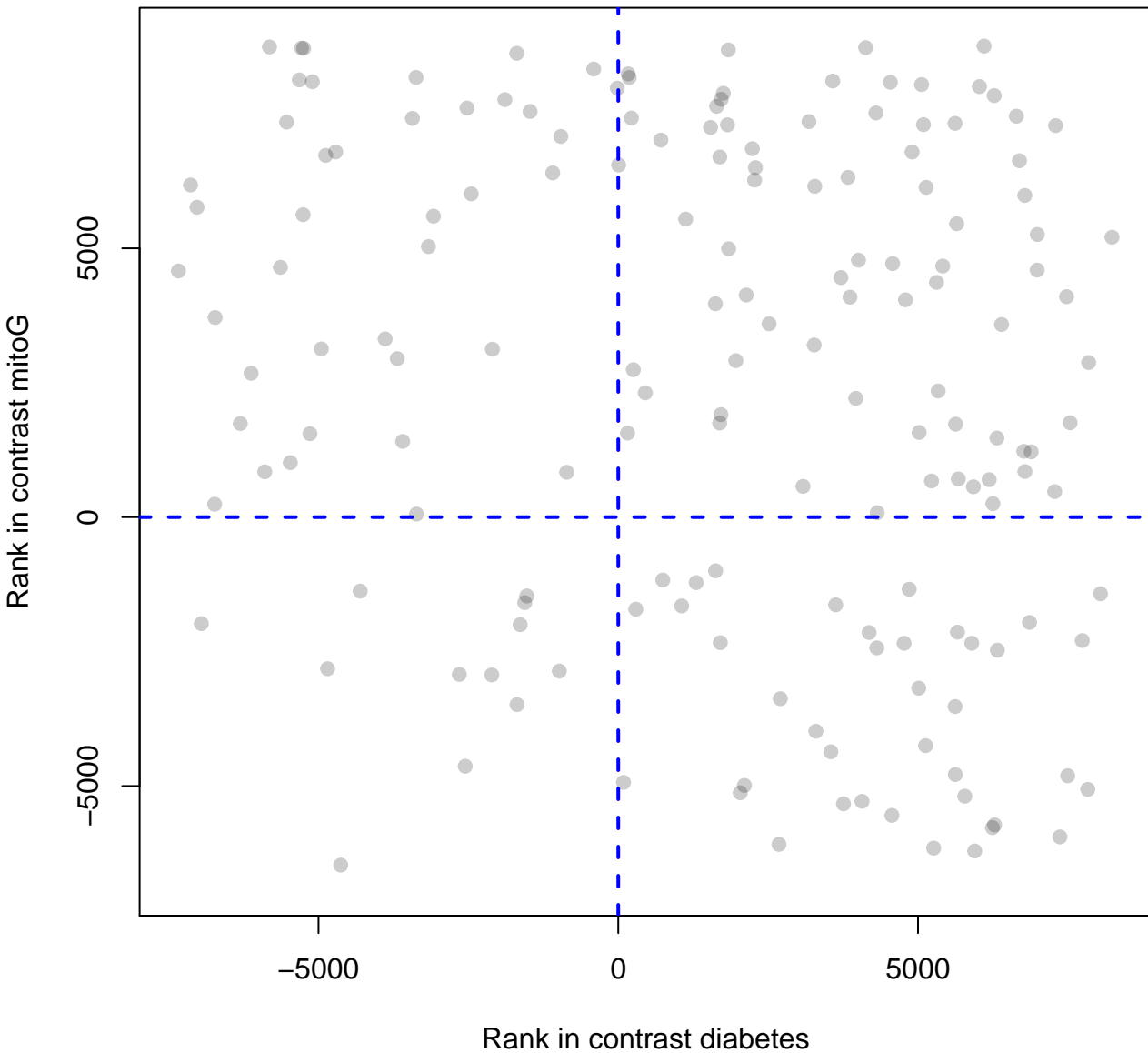
# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_F



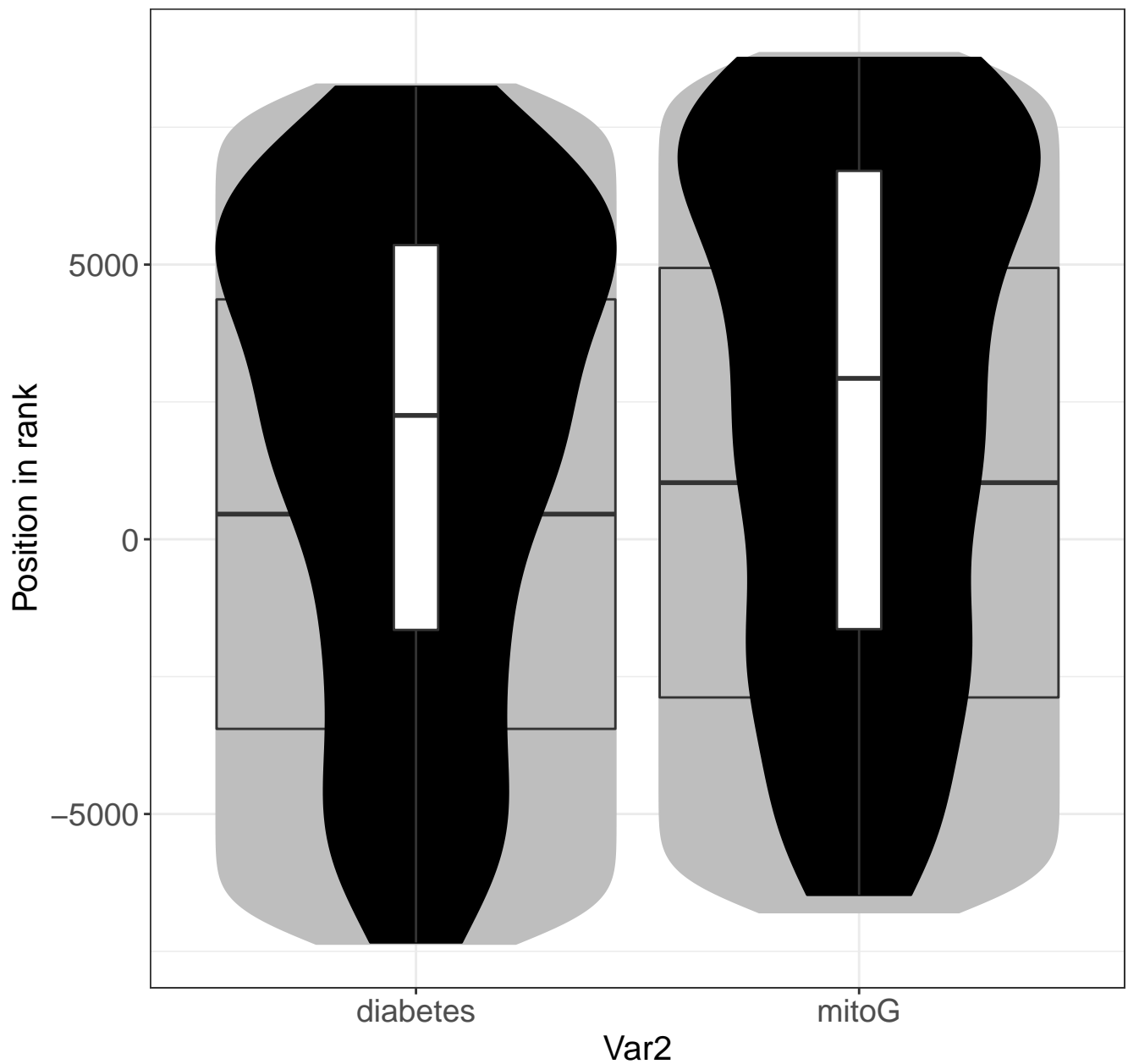
# The citric acid (TCA) cycle and respiratory electron transp



# The citric acid (TCA) cycle and respiratory electron transport

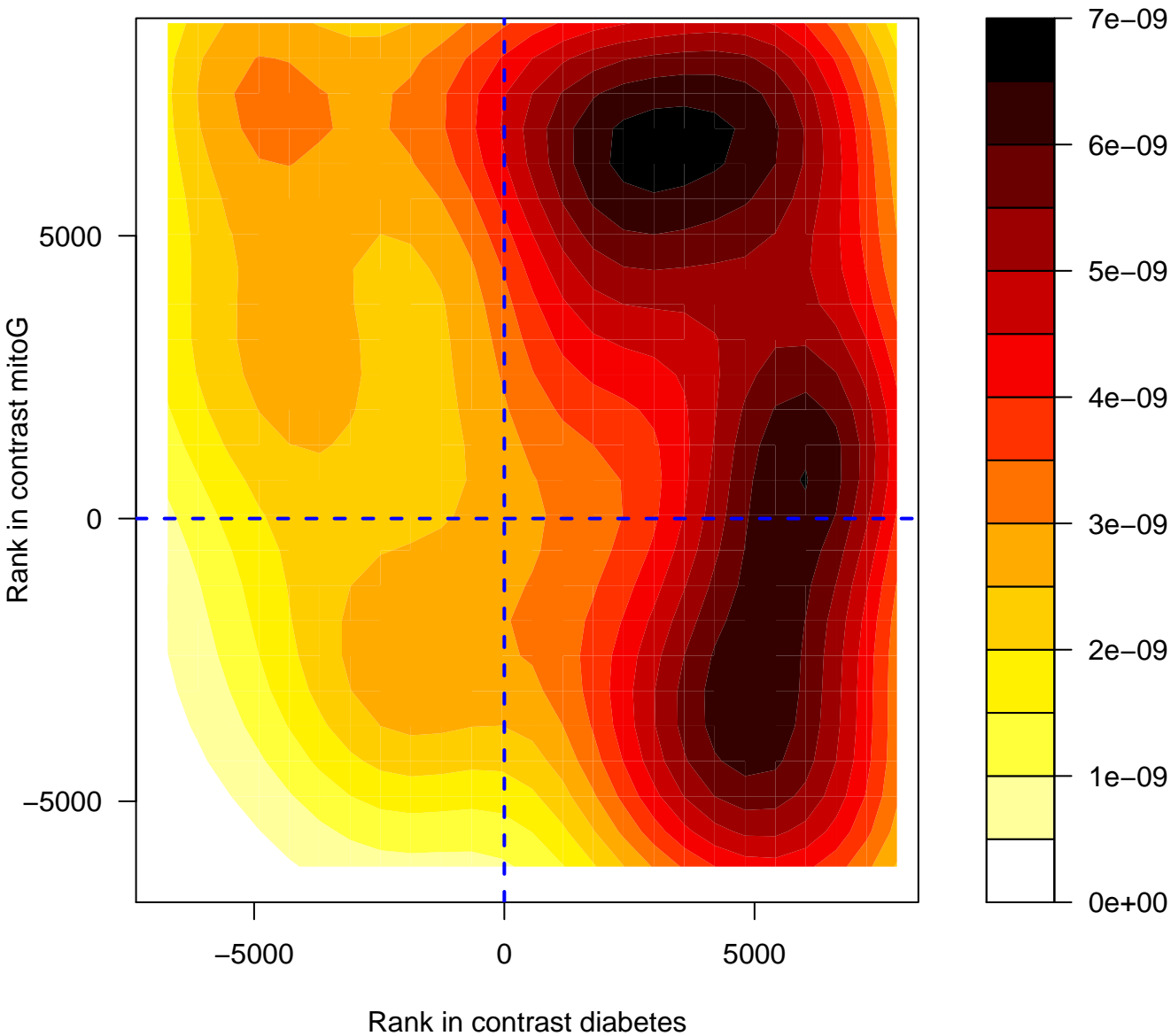


# The citric acid (TCA) cycle and respiratory electro

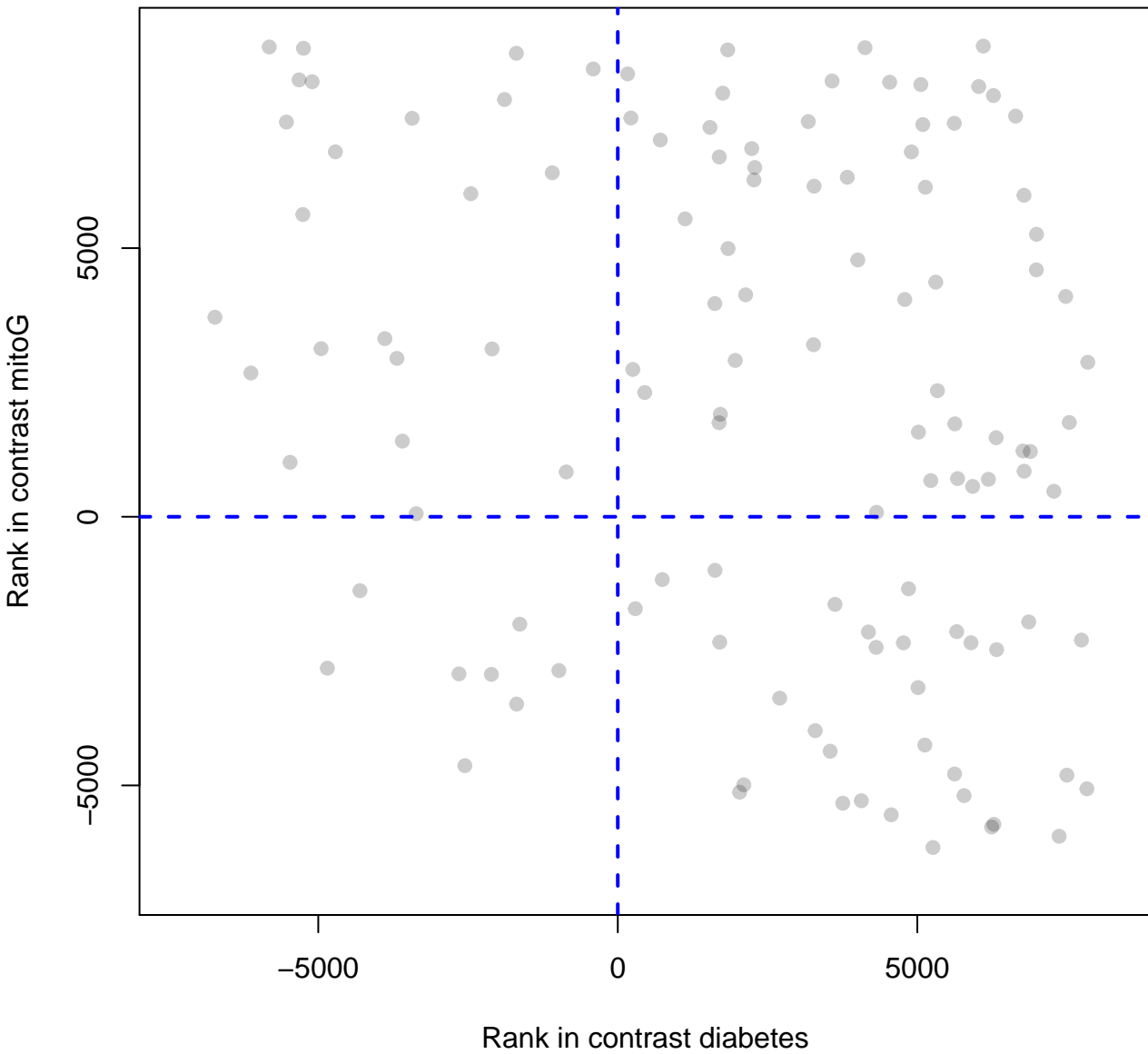




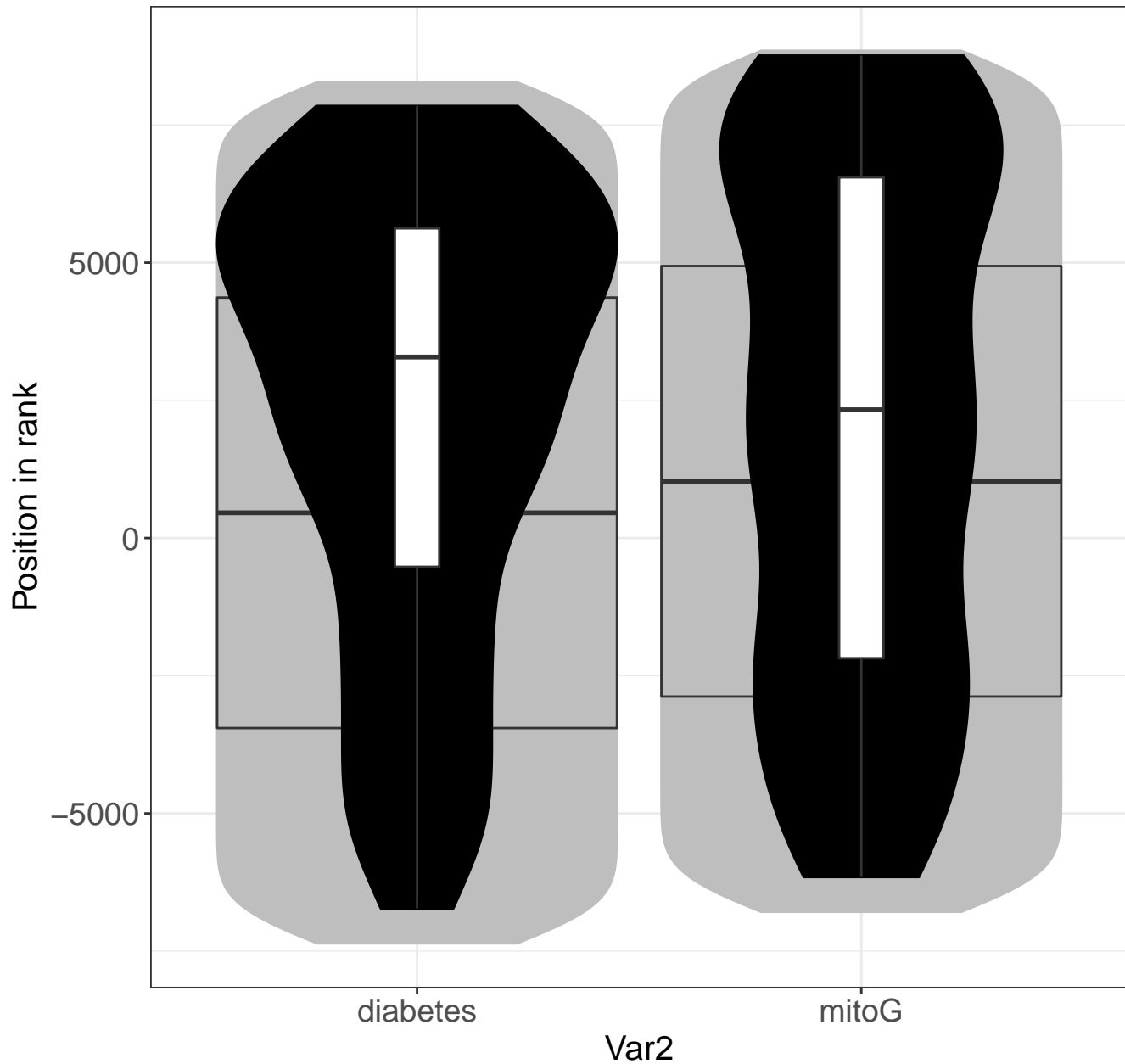
# transport, ATP synthesis by chemiosmotic coupling, and heat pro



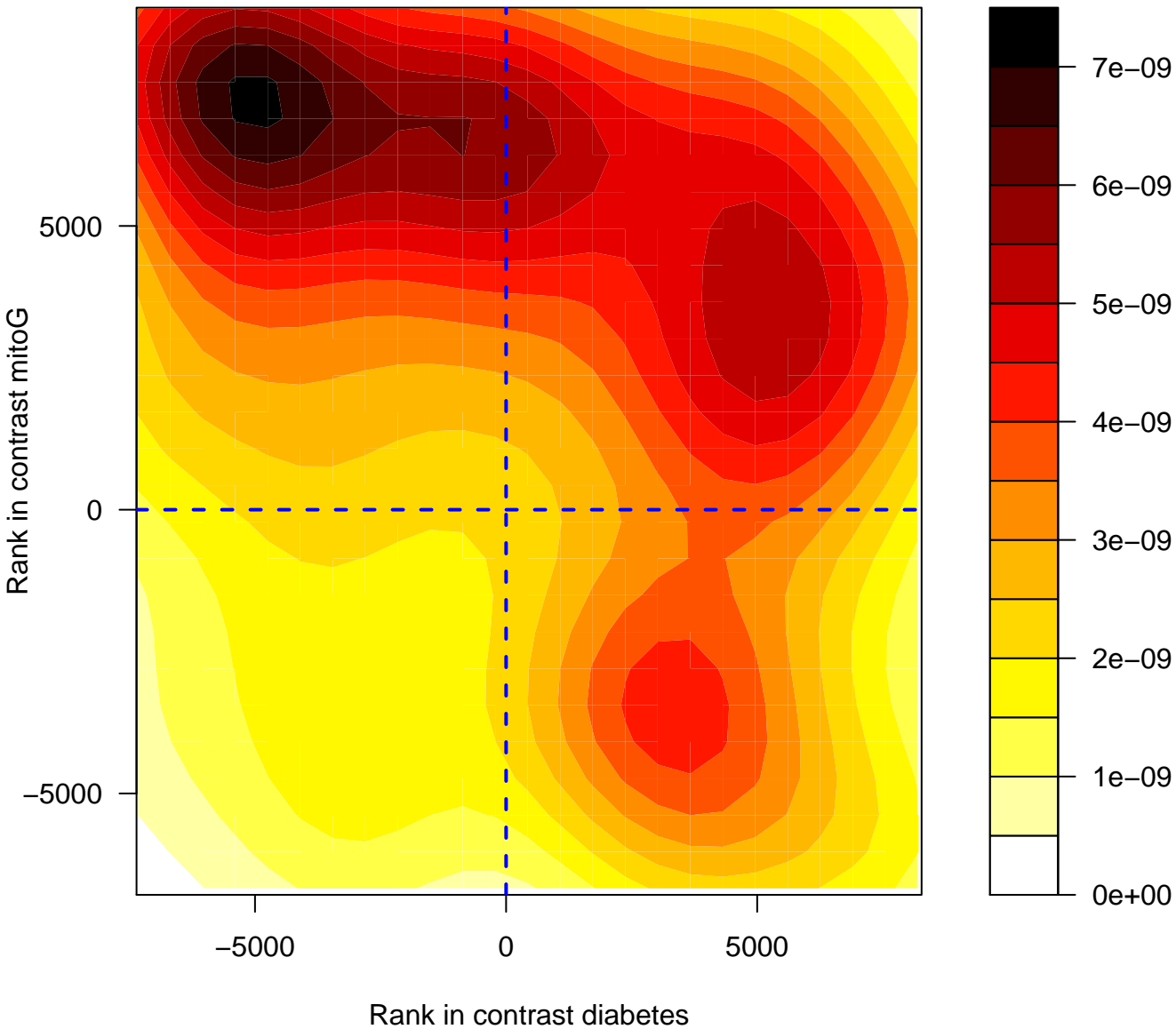
# Rank in contrast mitoG, Rank in contrast diabetes



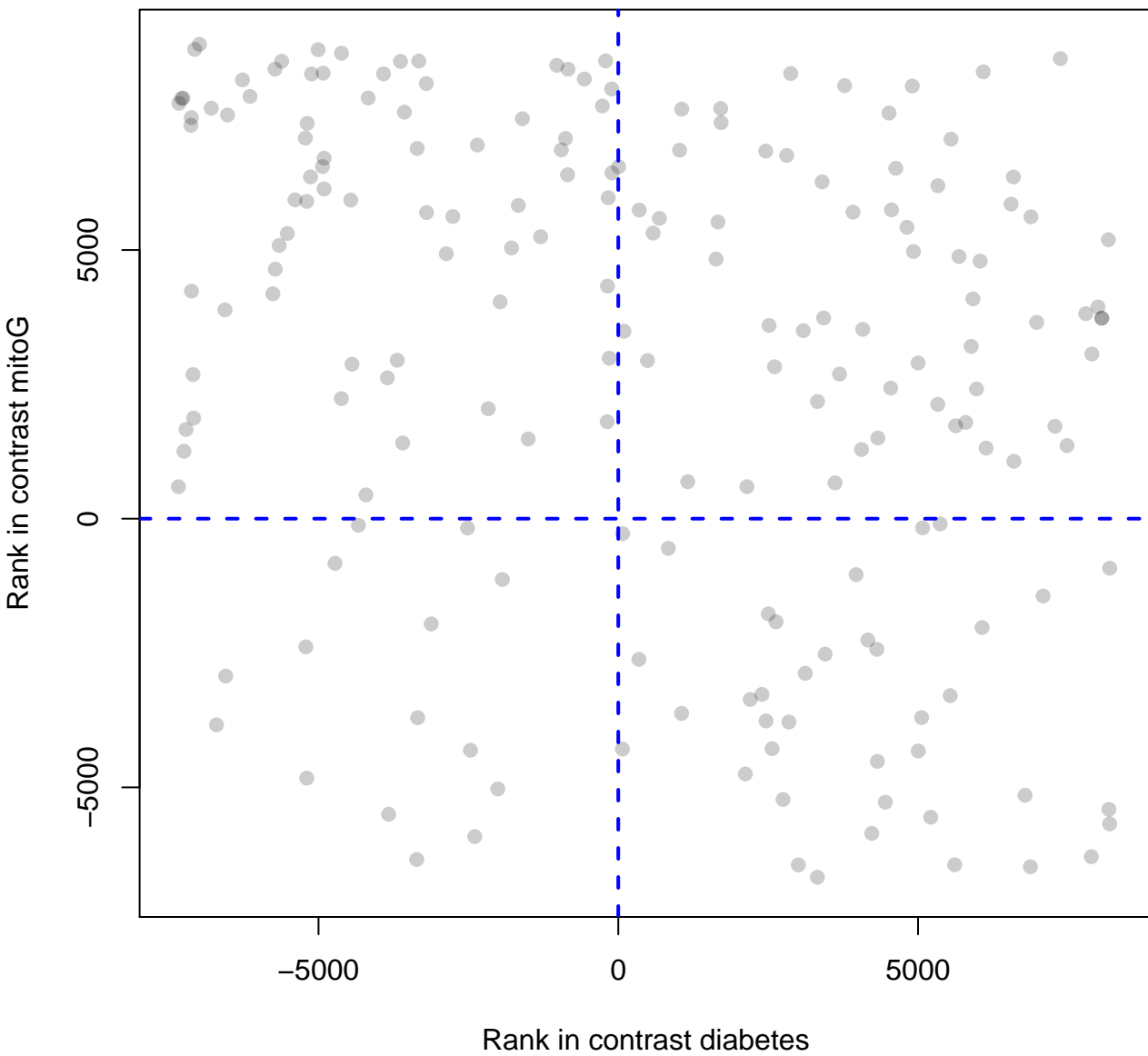
# Respiratory electron transport, ATP synthesis by c



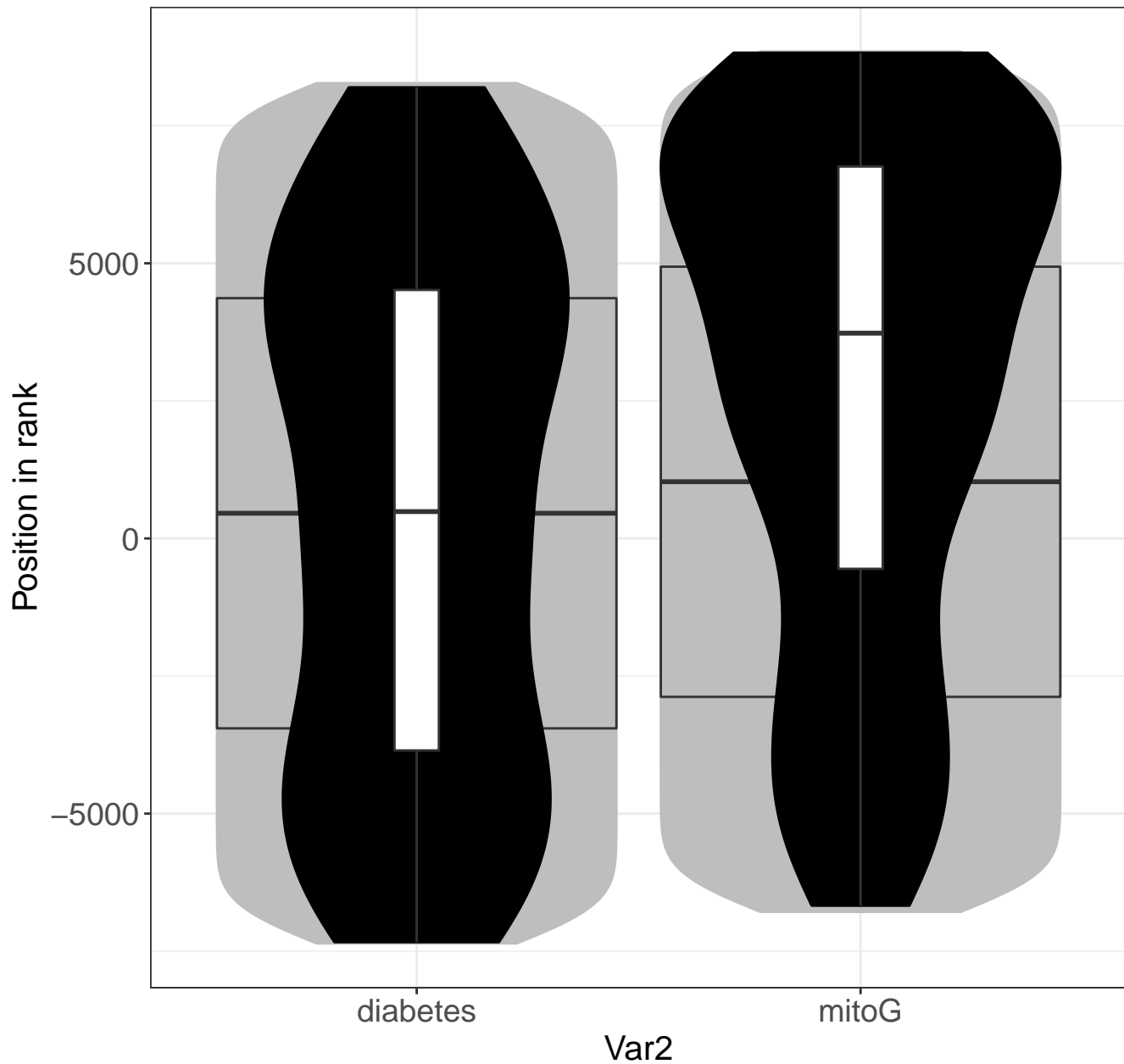
# 0006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_4MONTH\_PC



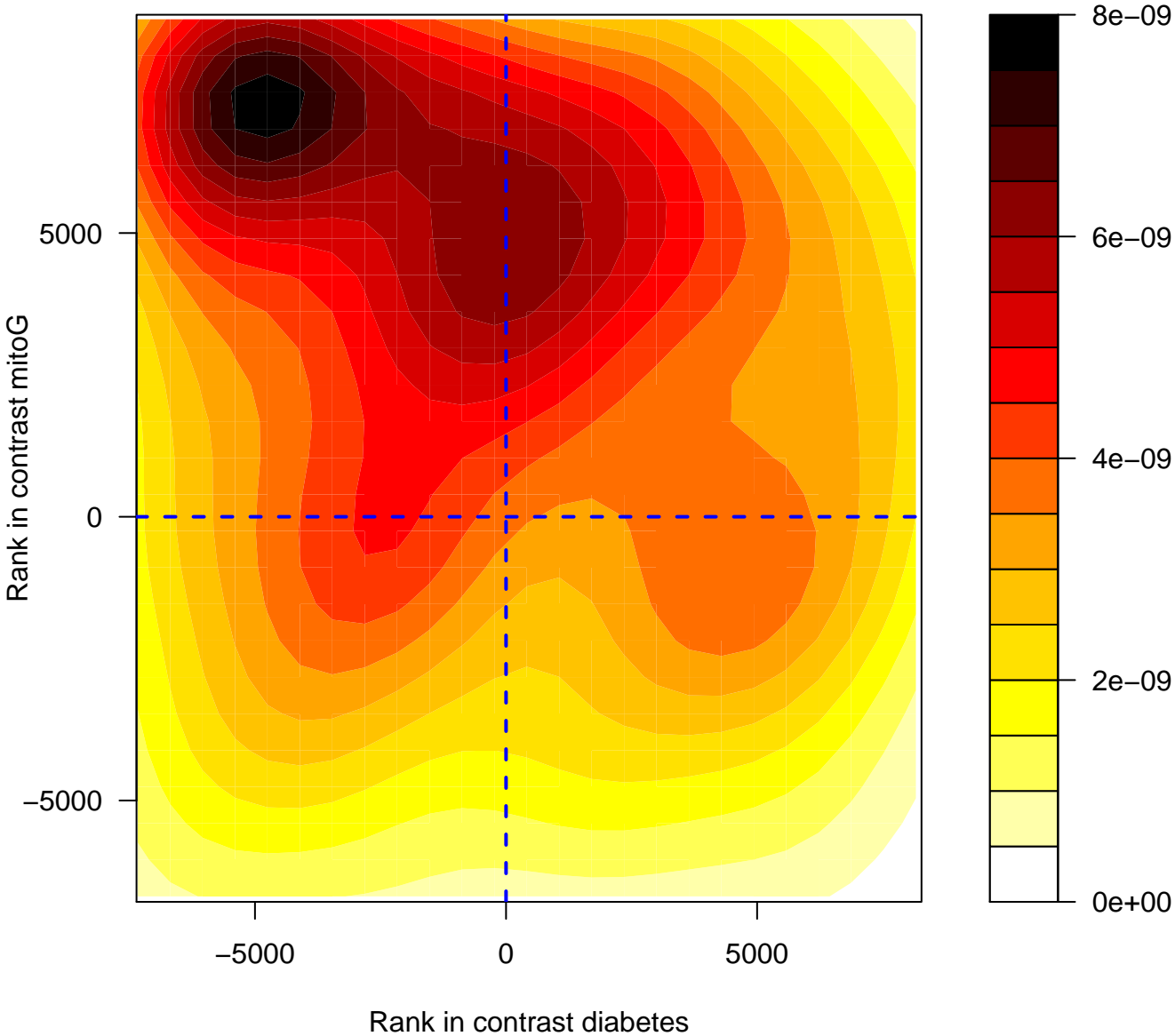
# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_4MONTH\_POST\_DX



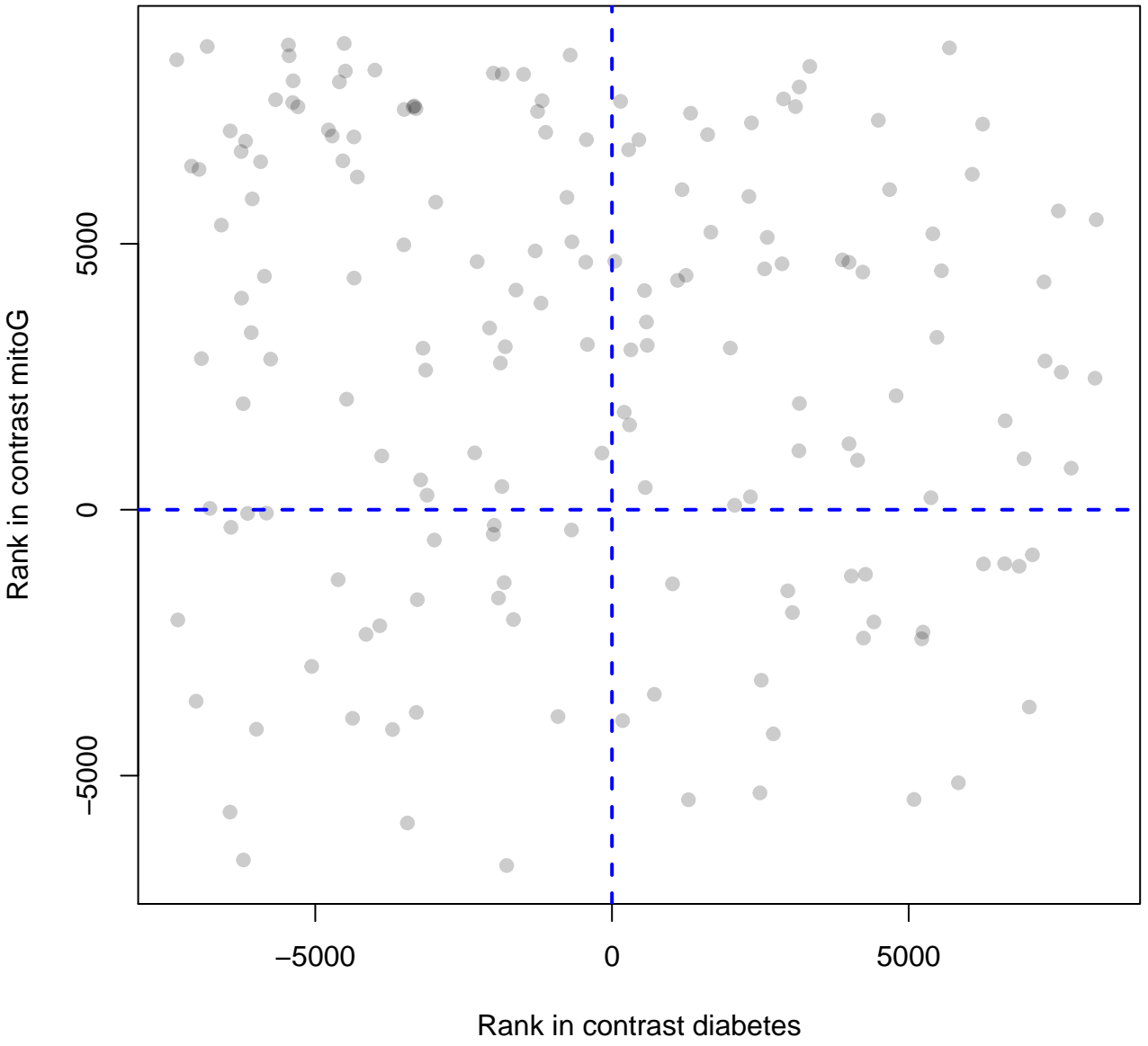
# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_P



# GSE9006\_HEALTHY\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_D)

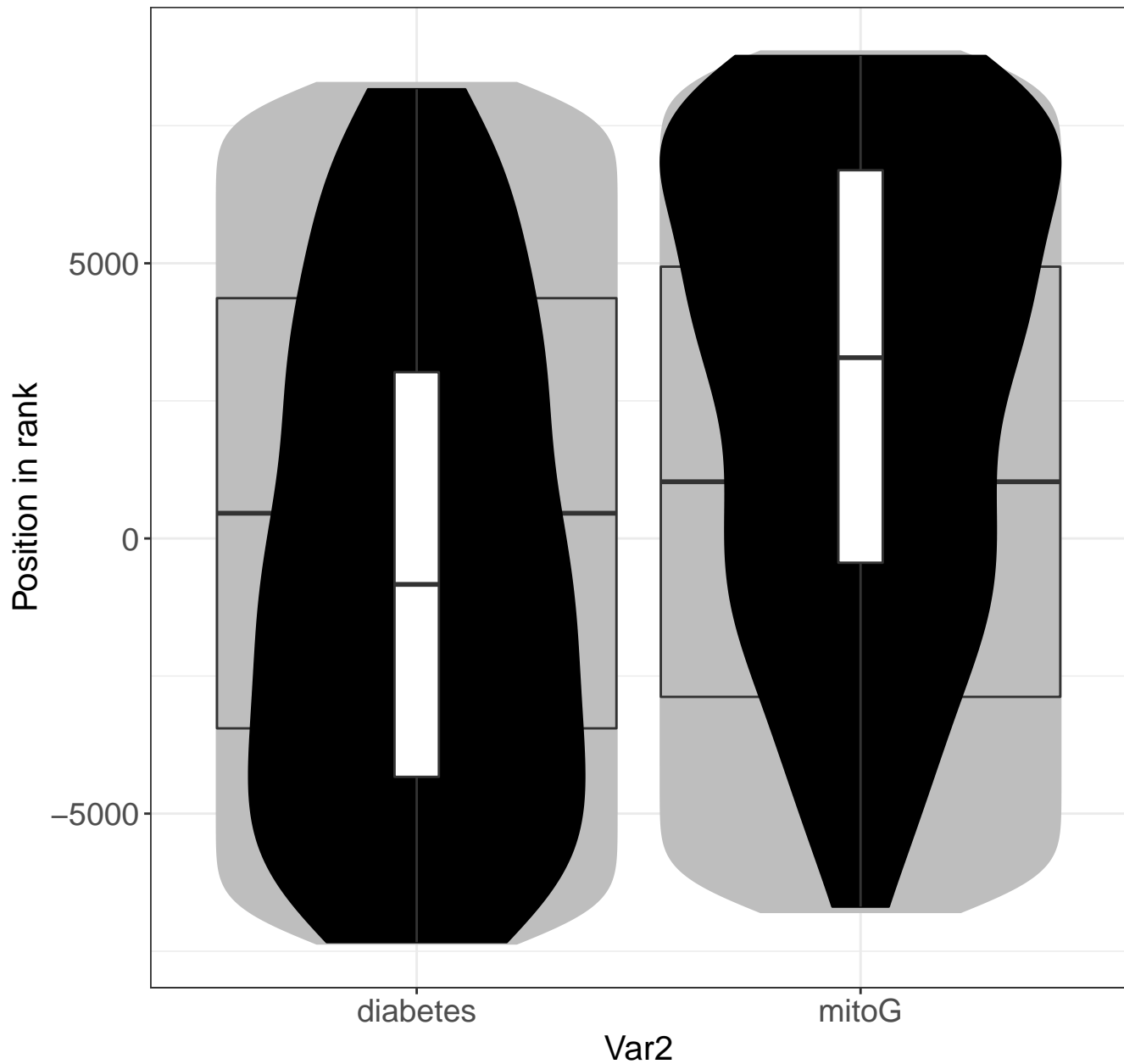


# GSE9006\_HEALTHY\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX\_DN

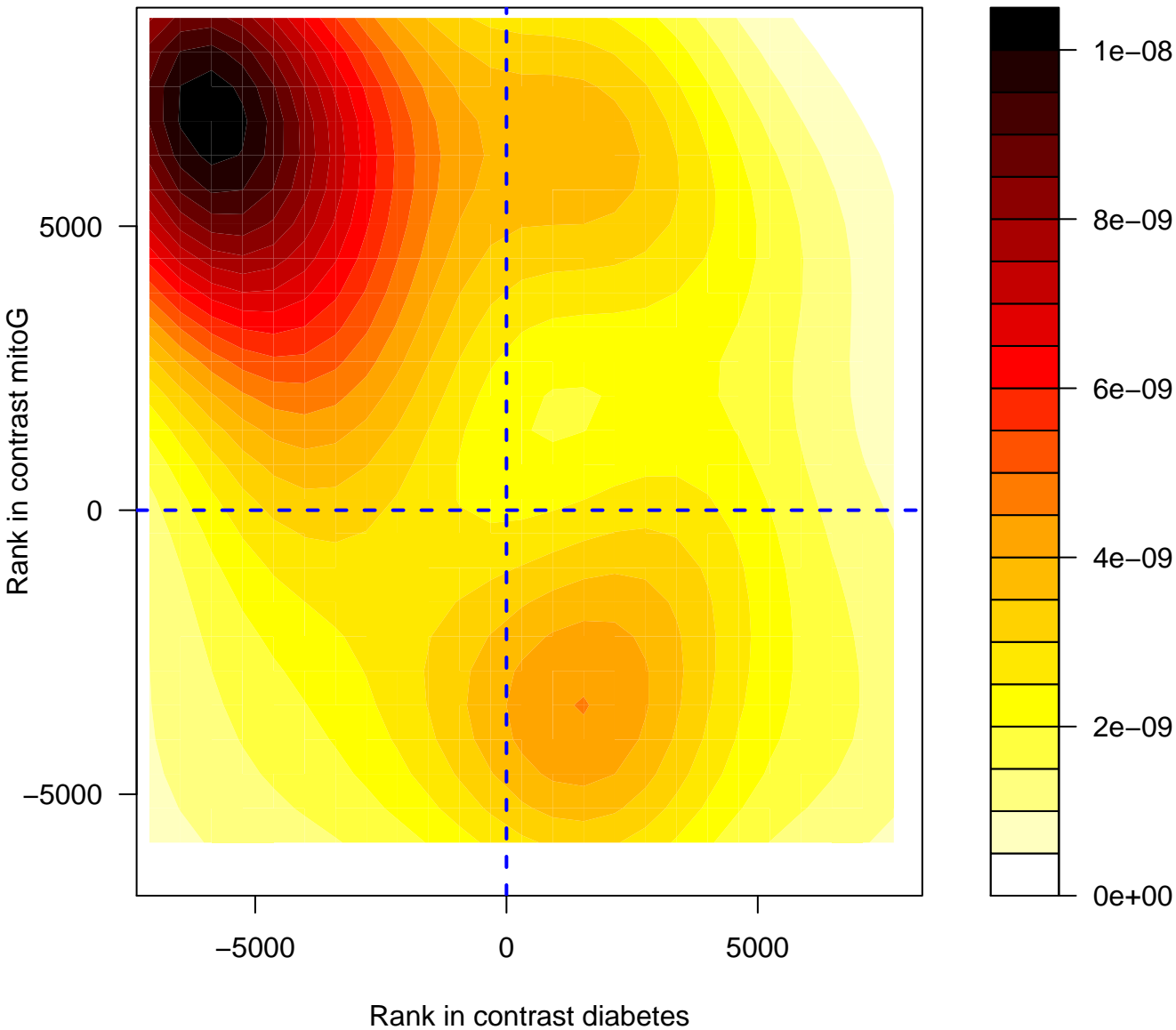




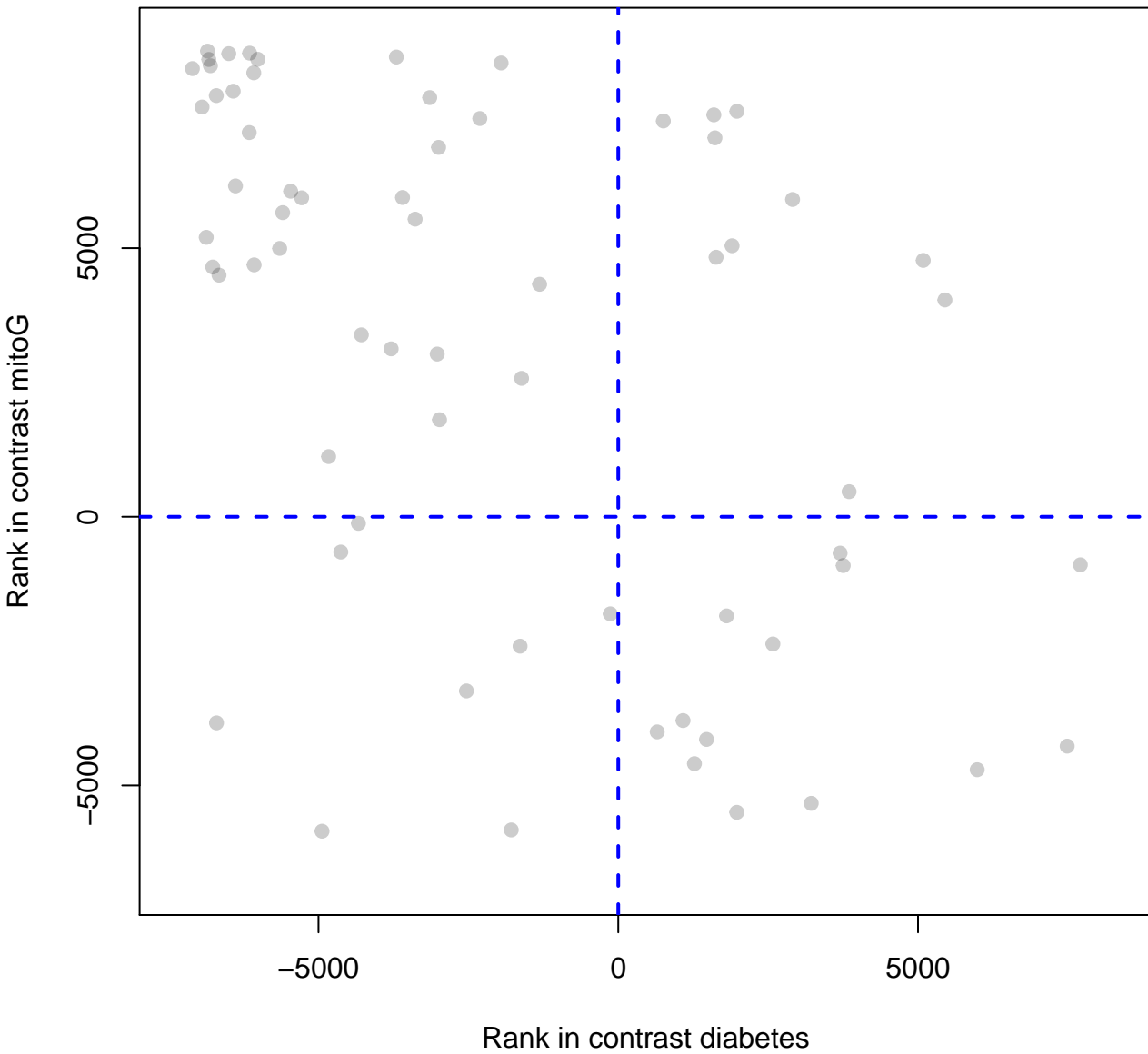
# GSE9006\_HEALTHY\_VS\_TYPE\_2\_DIABETES\_F



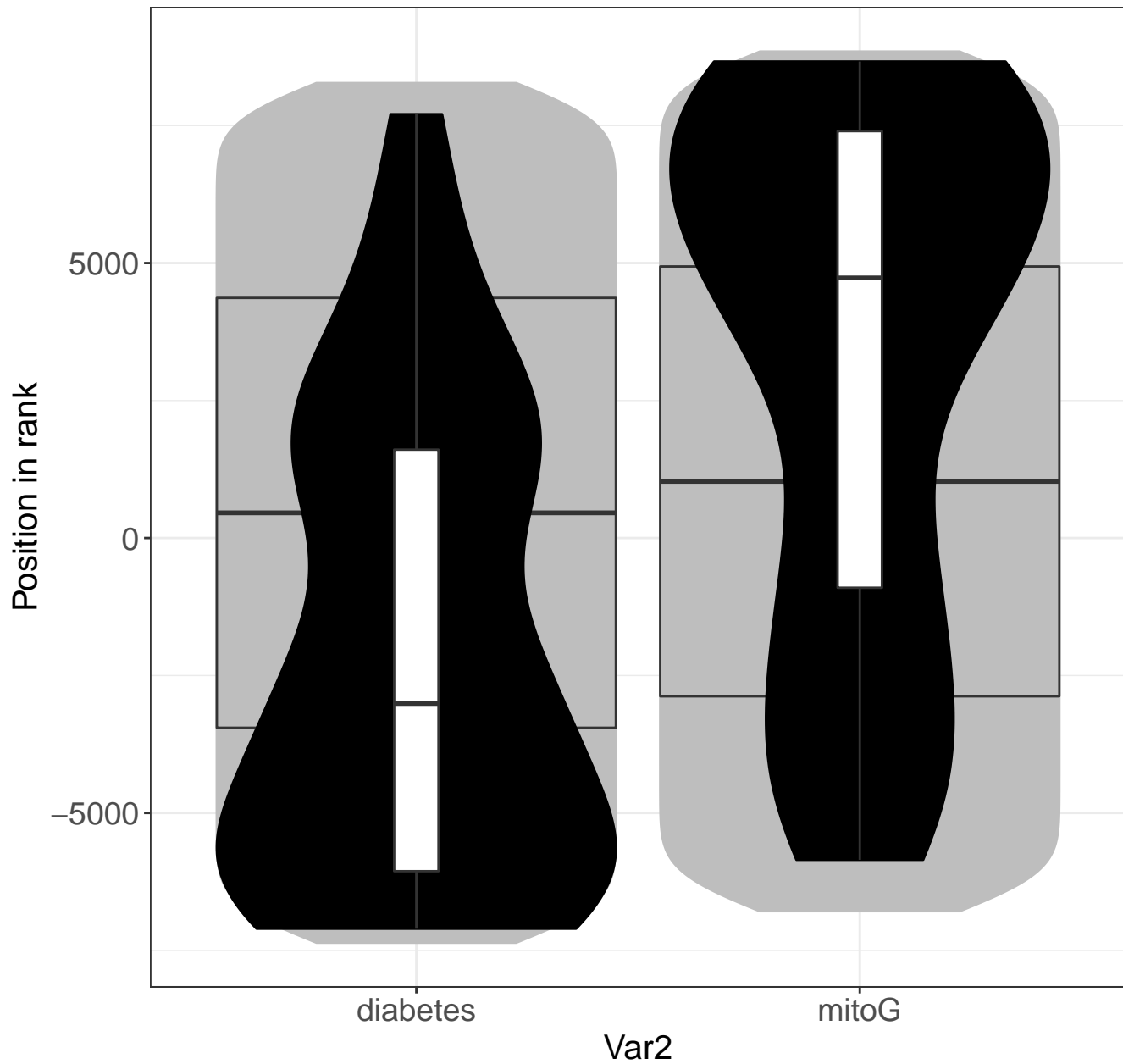
# Activation of NF-kappaB in B cells



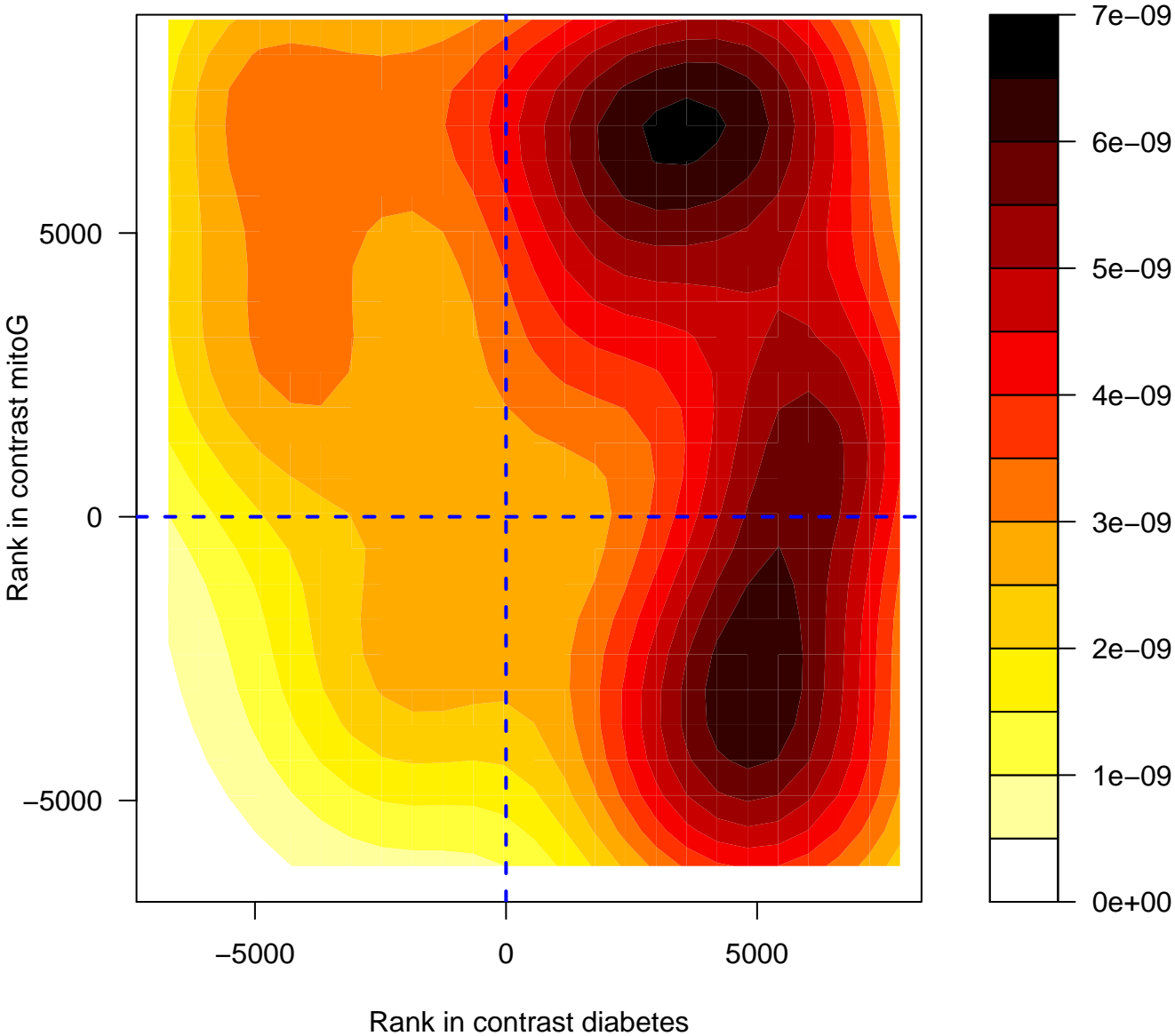
# Activation of NF-kappaB in B cells



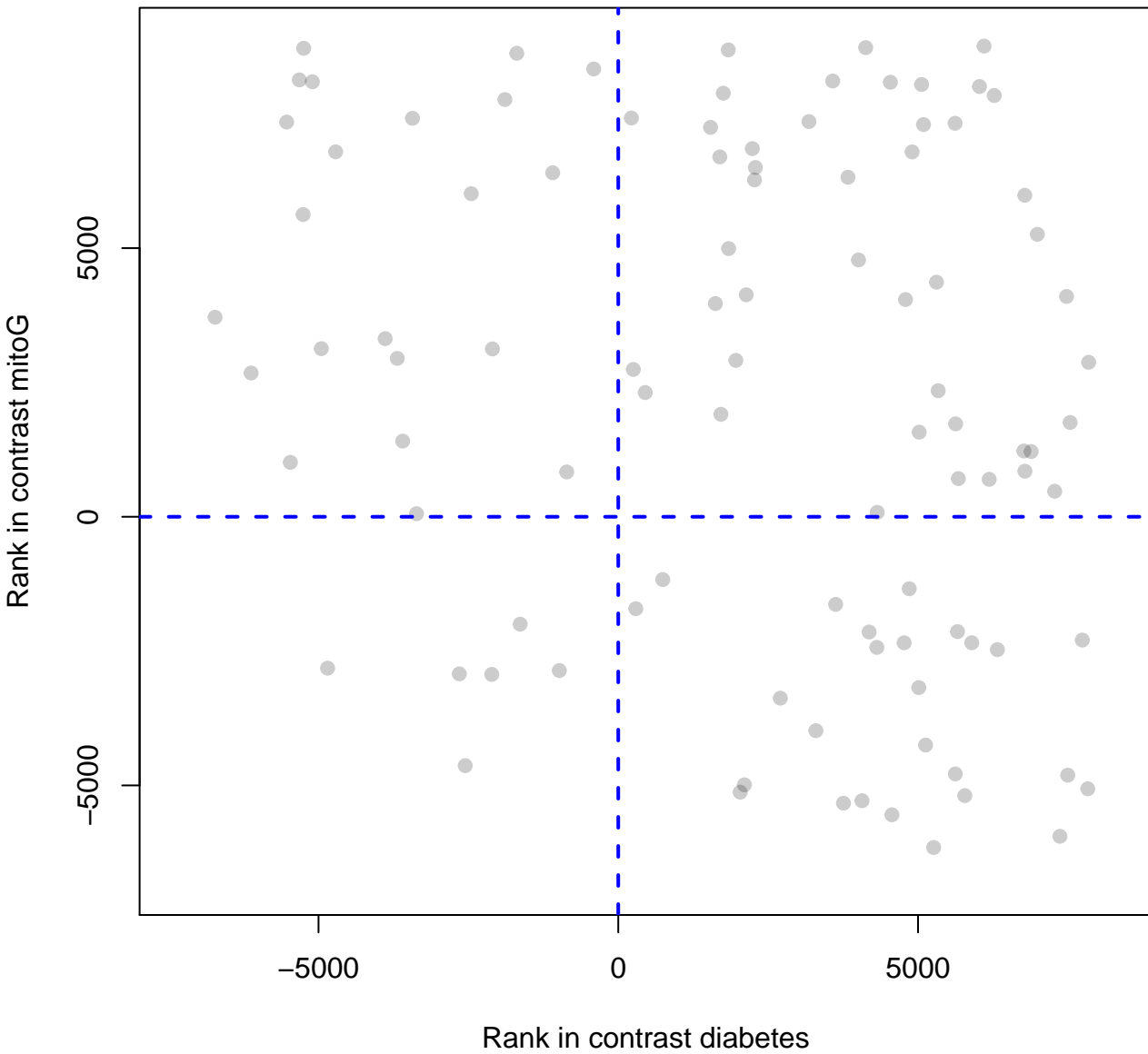
# Activation of NF- $\kappa$ B in B cells



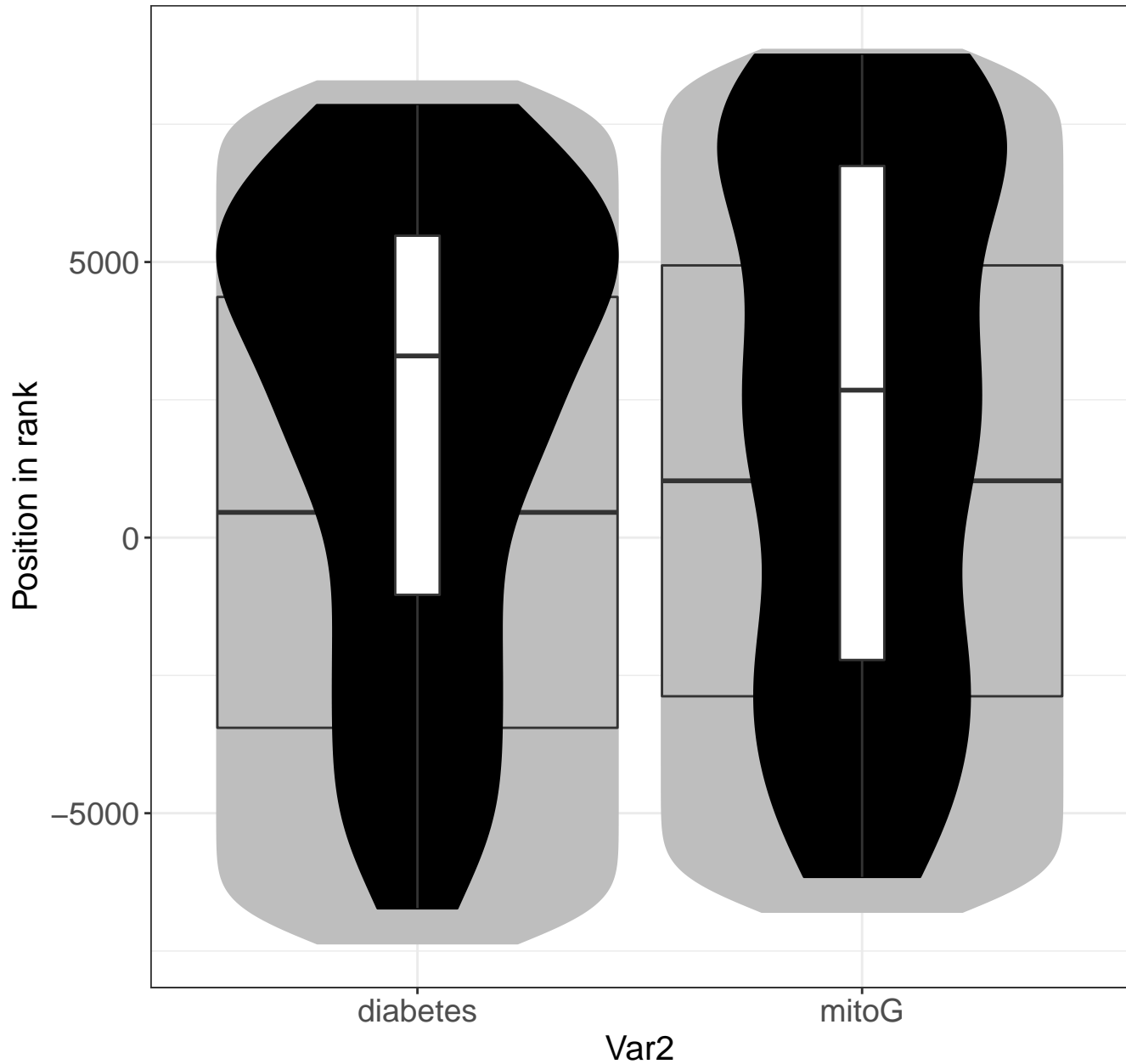
# Respiratory electron transport



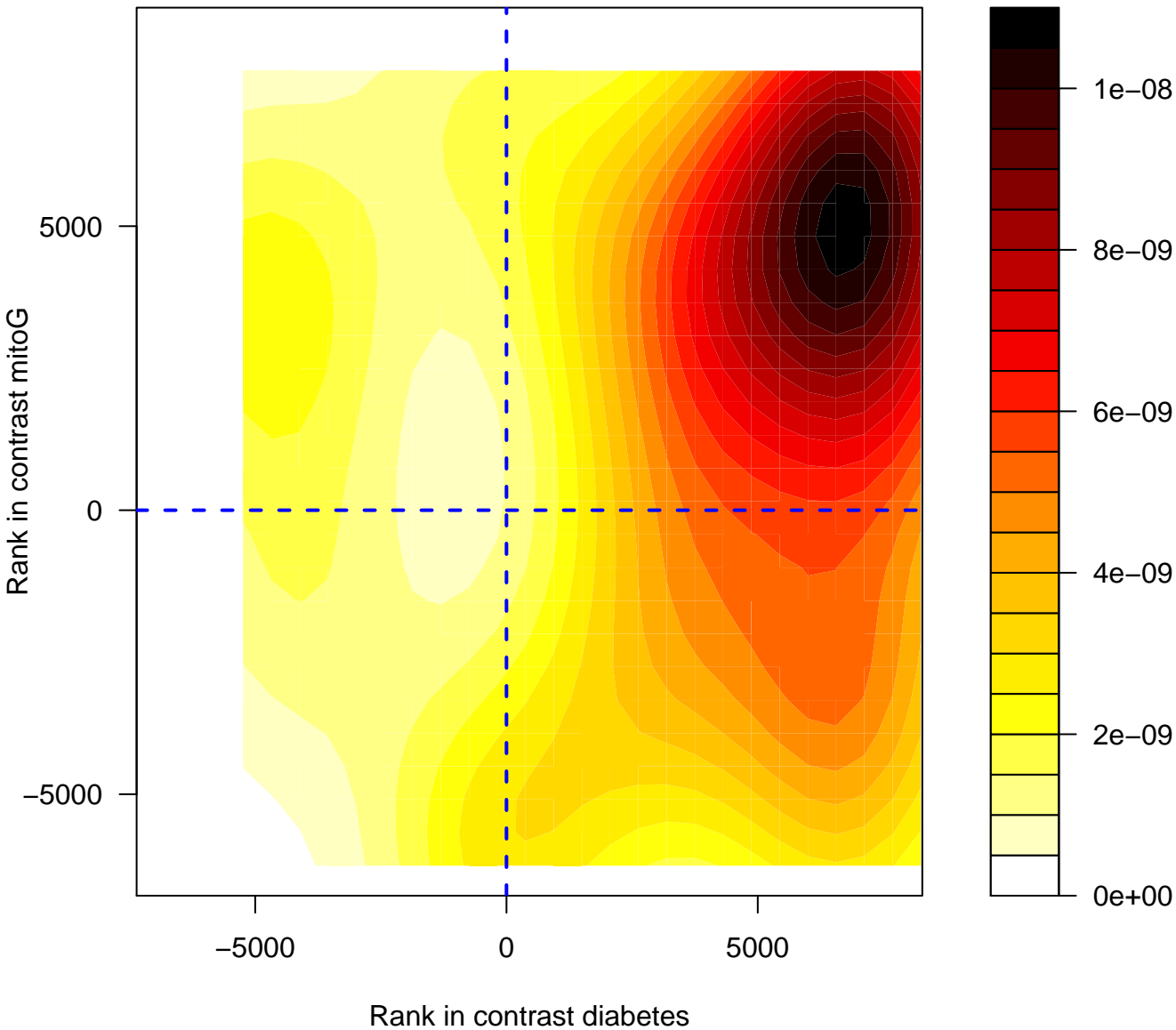
# Respiratory electron transport



# Respiratory electron transport

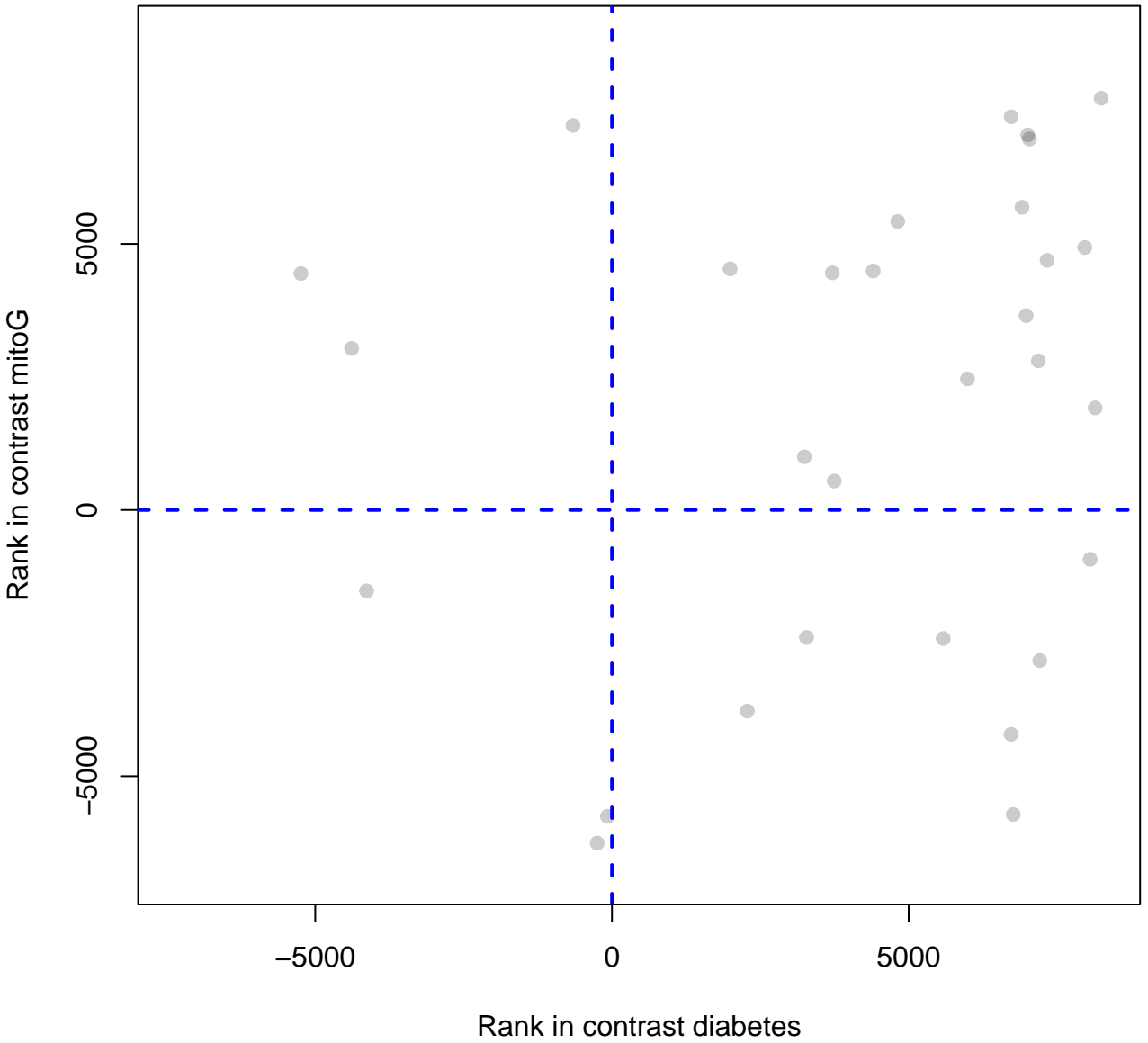


# Gluconeogenesis

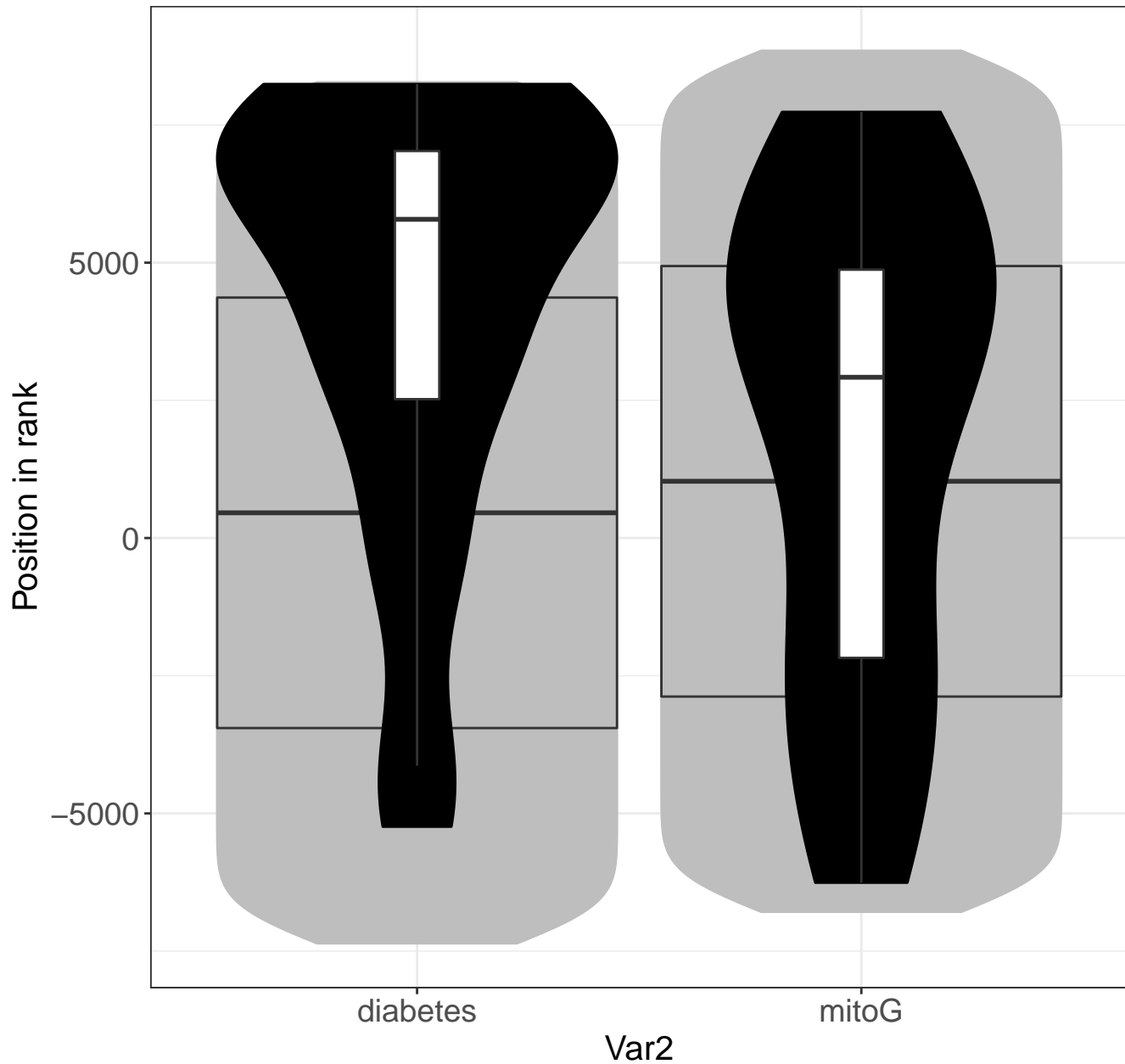




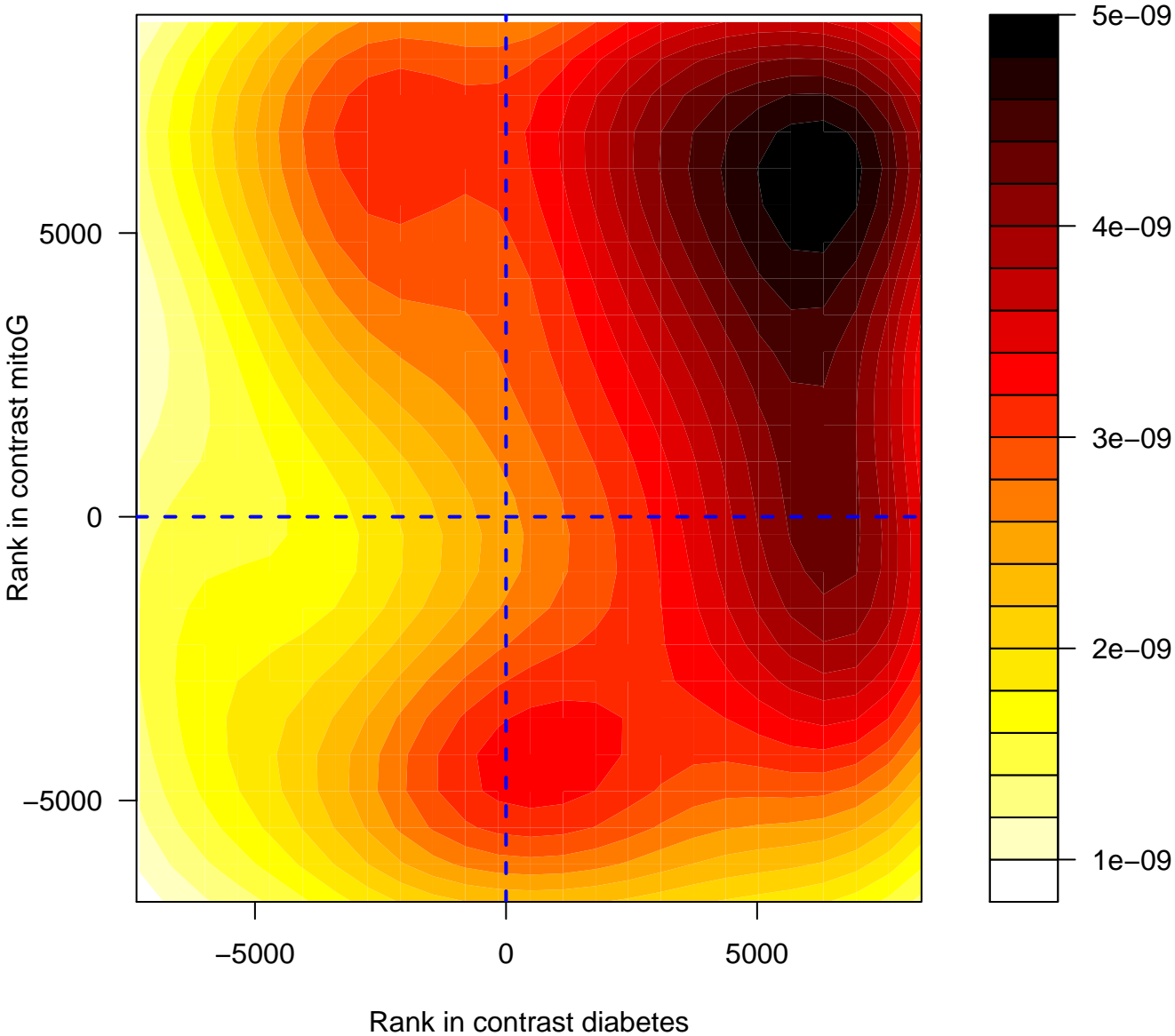
# Gluconeogenesis



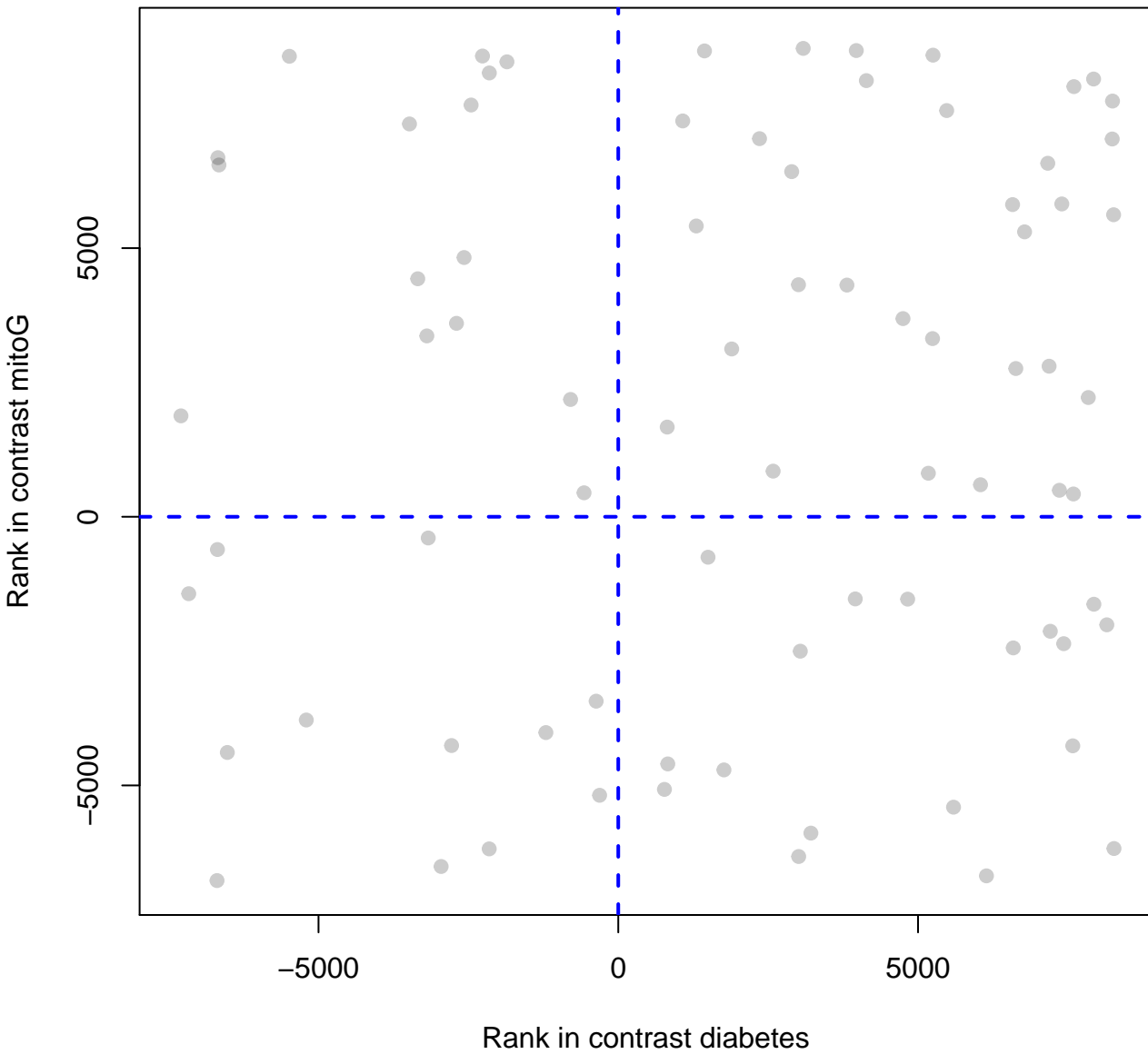
# Gluconeogenesis



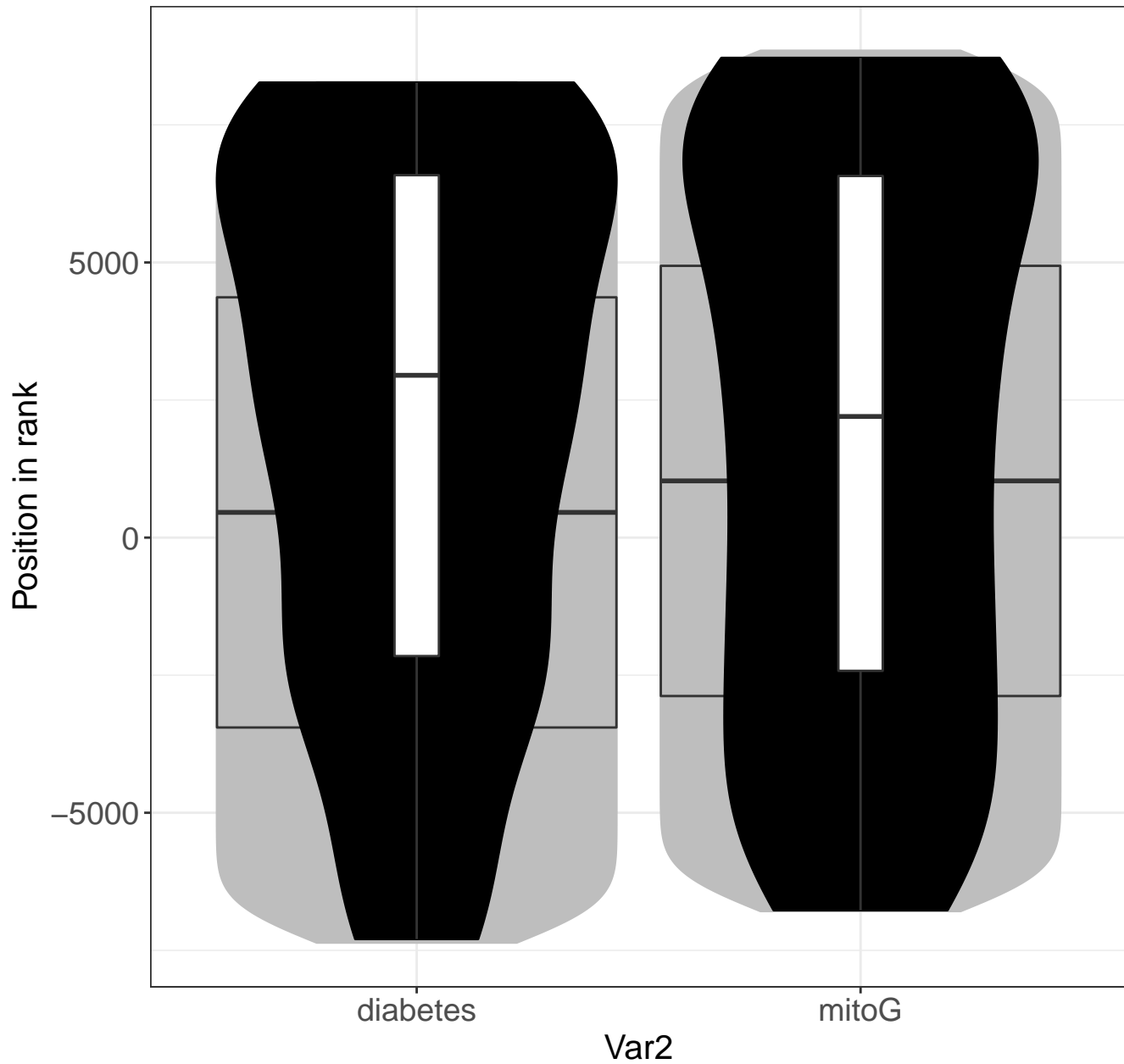
# BAELDE\_DIABETIC\_NEPHROPATHY\_UP



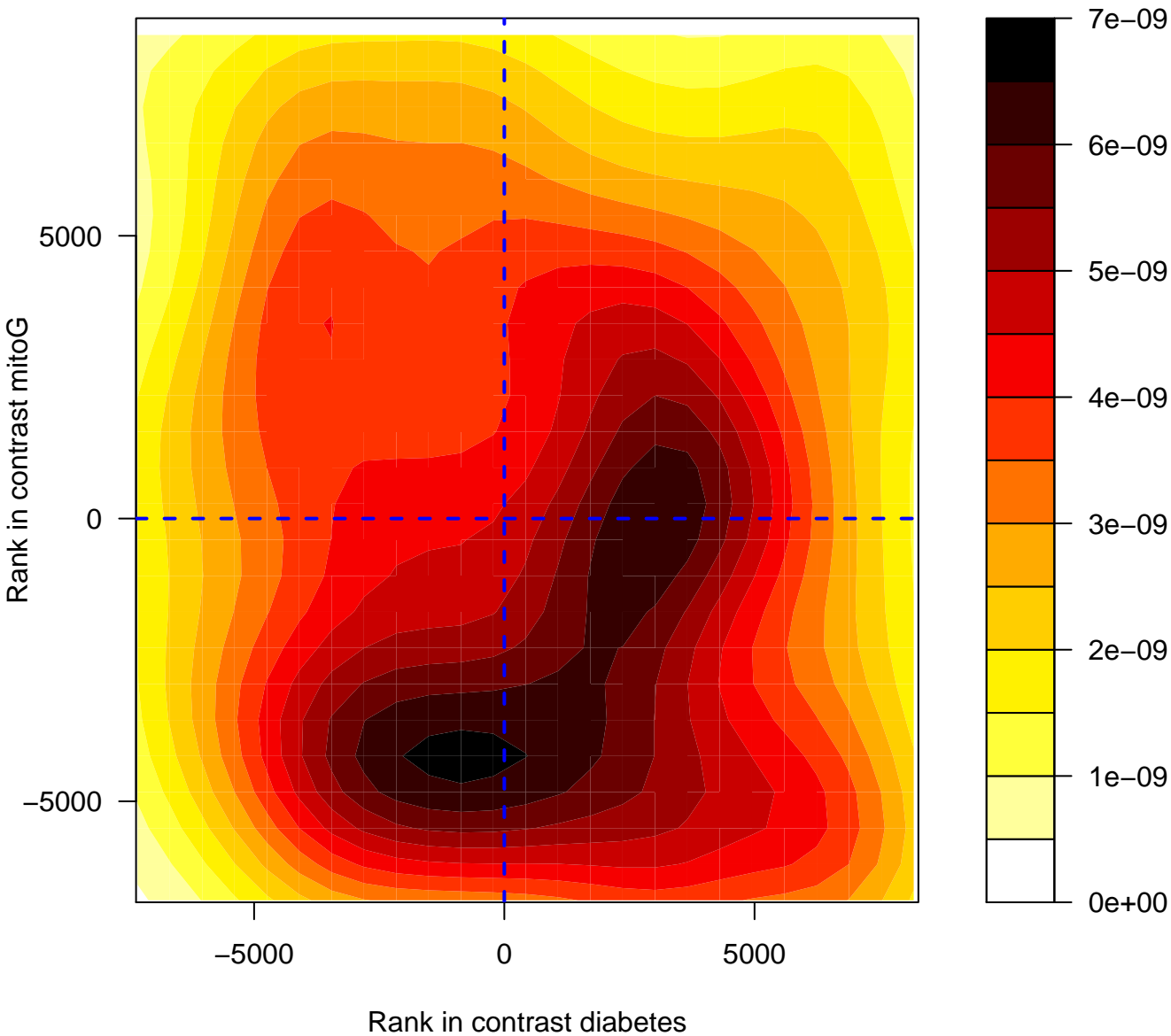
# BAELDE\_DIABETIC\_NEPHROPATHY\_UP



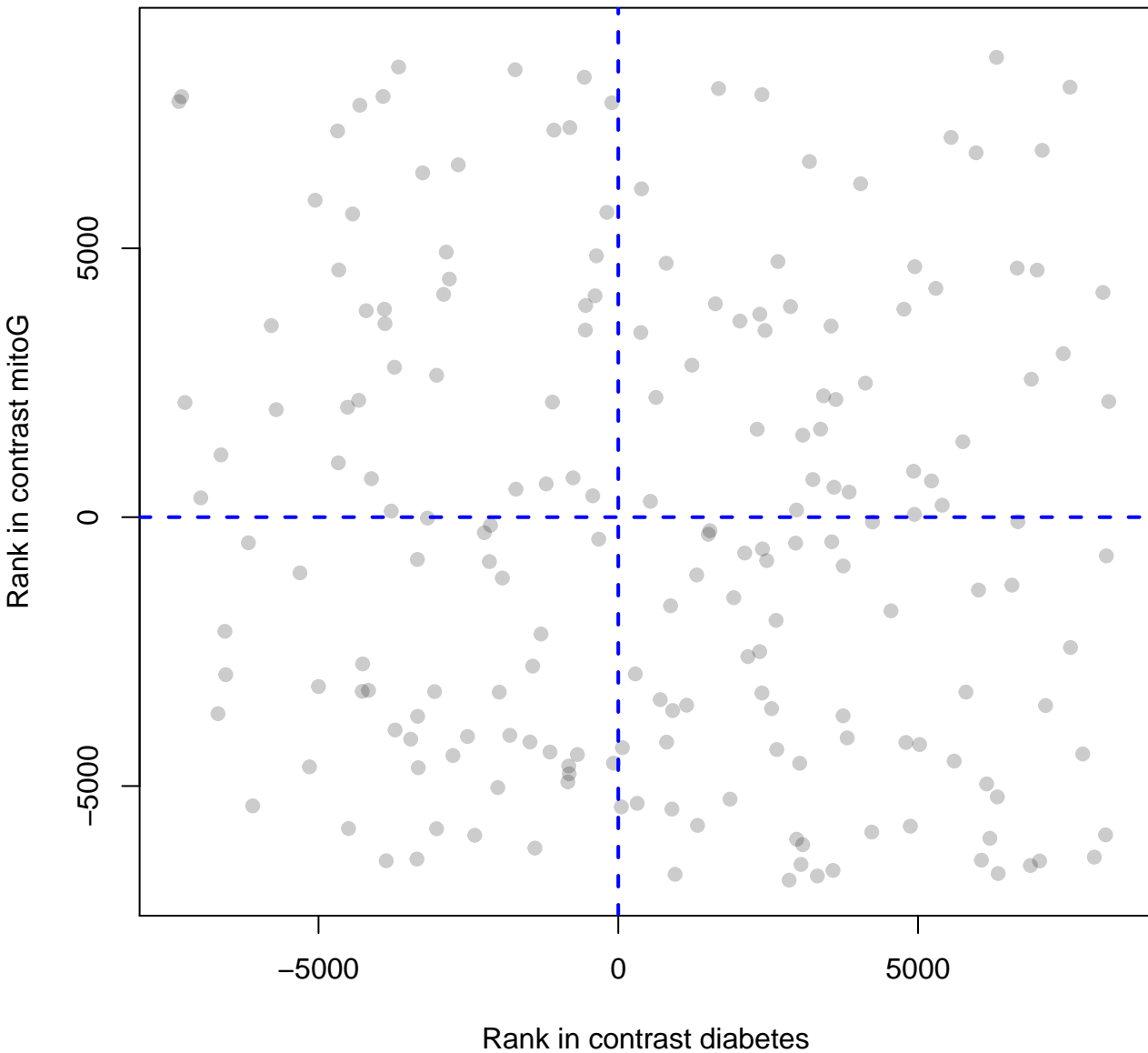
# BAELDE\_DIABETIC\_NEPHROPATHY\_UP



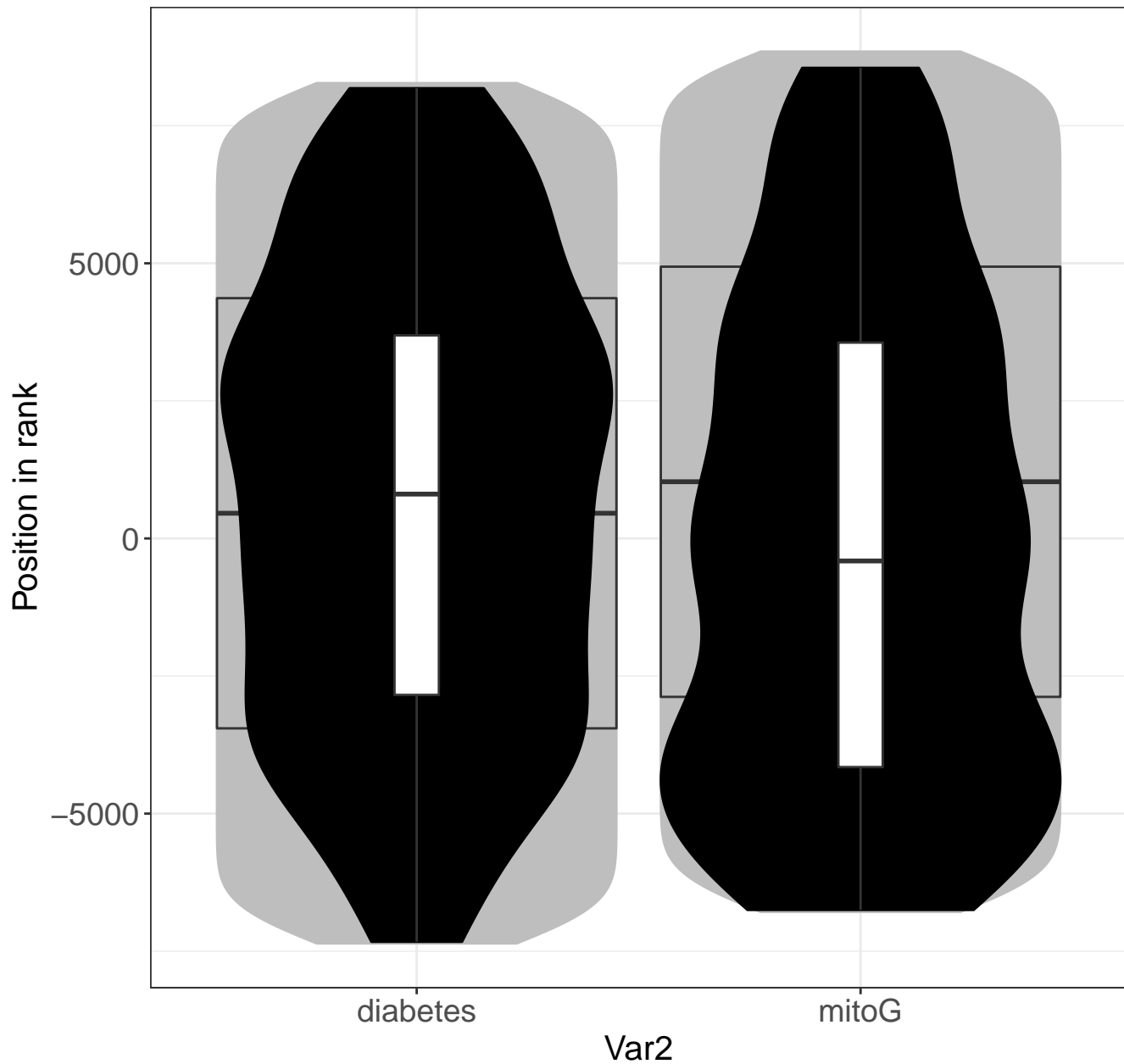
# GSE9006\_TYPE\_1\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX



# GSE9006\_TYPE\_1\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX\_UP

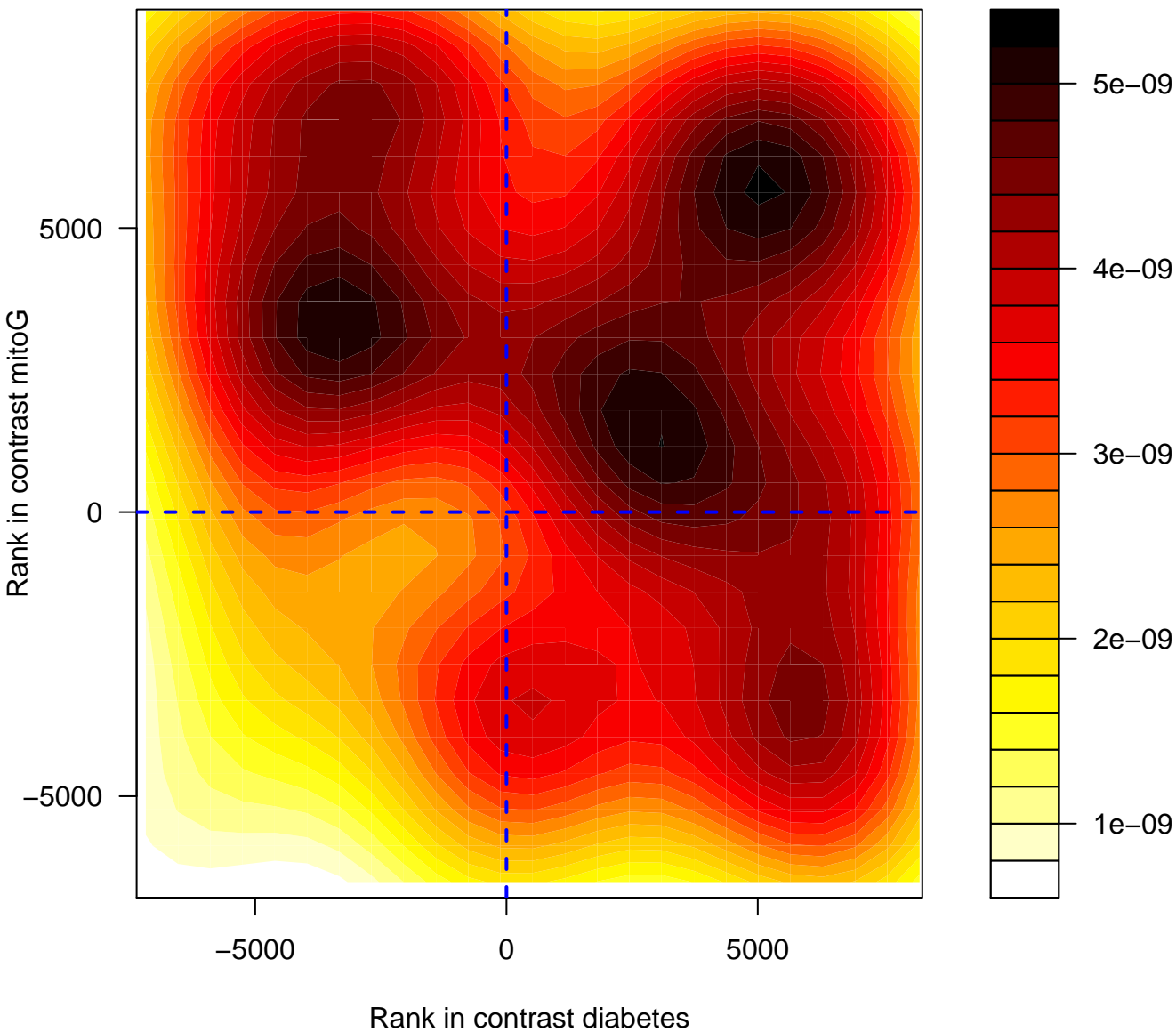


# GSE9006\_TYPE\_1\_VS\_TYPE\_2\_DIABETES\_PE

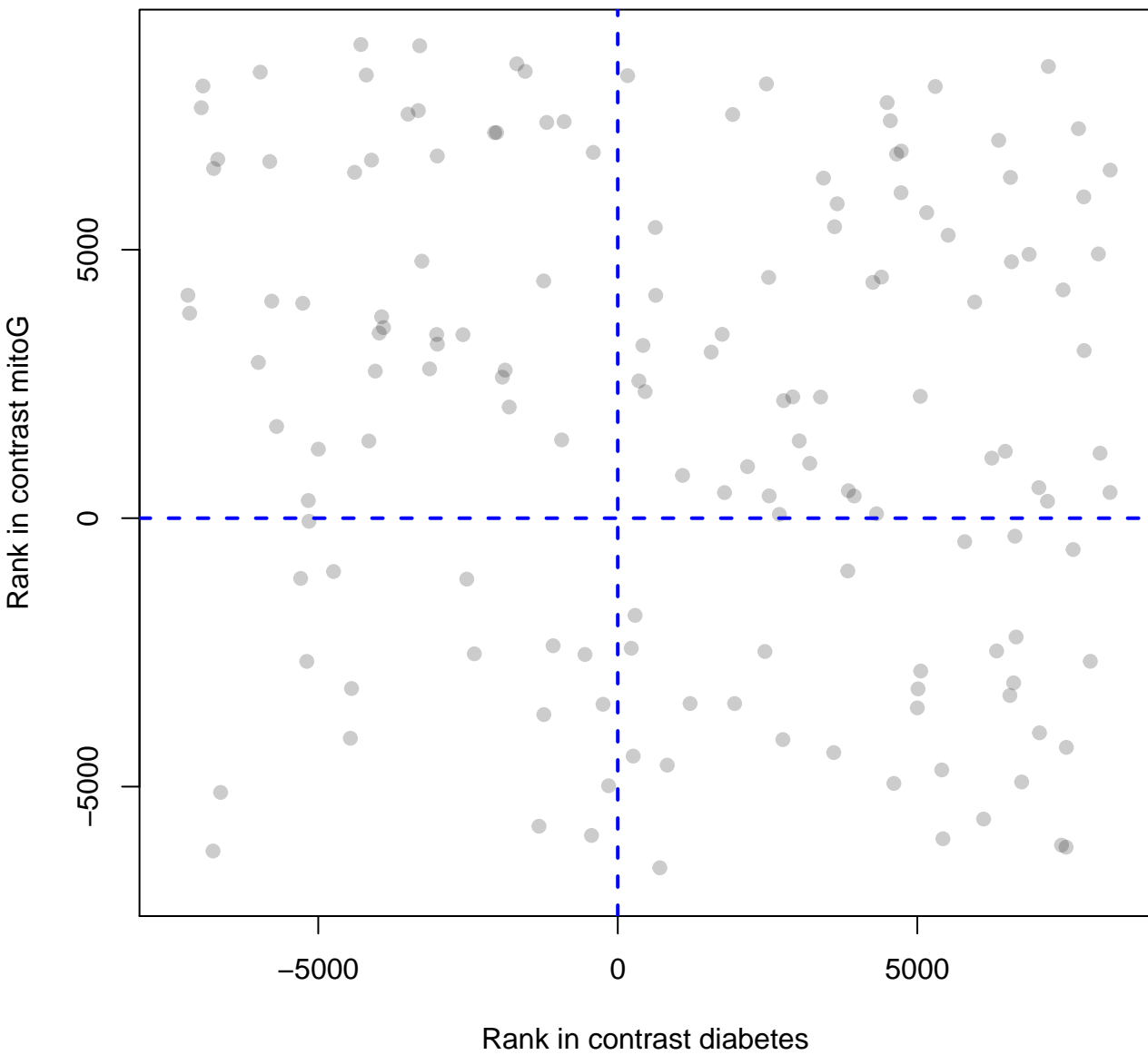




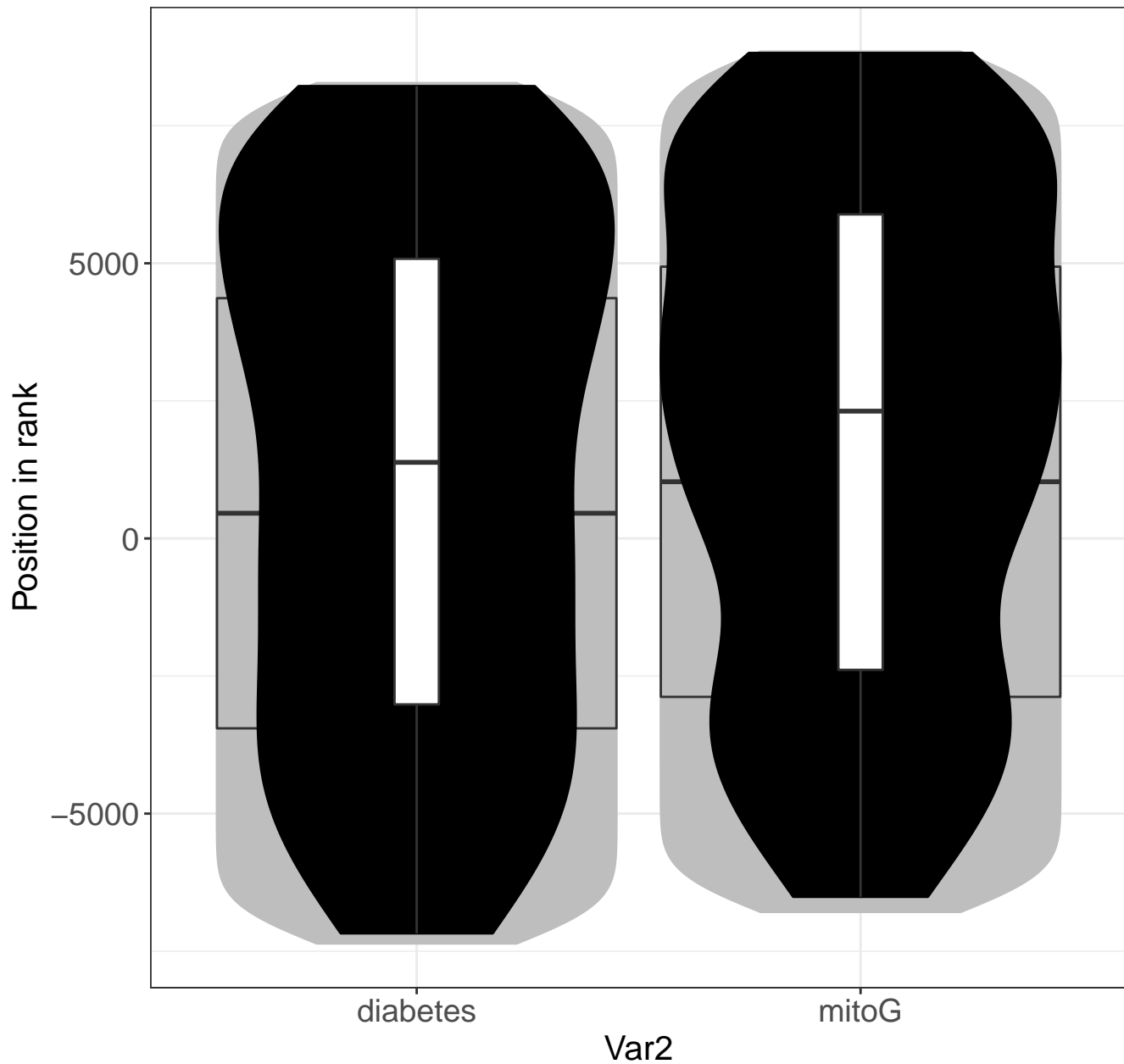
# E9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_4MONTH\_POST\_DX\_I



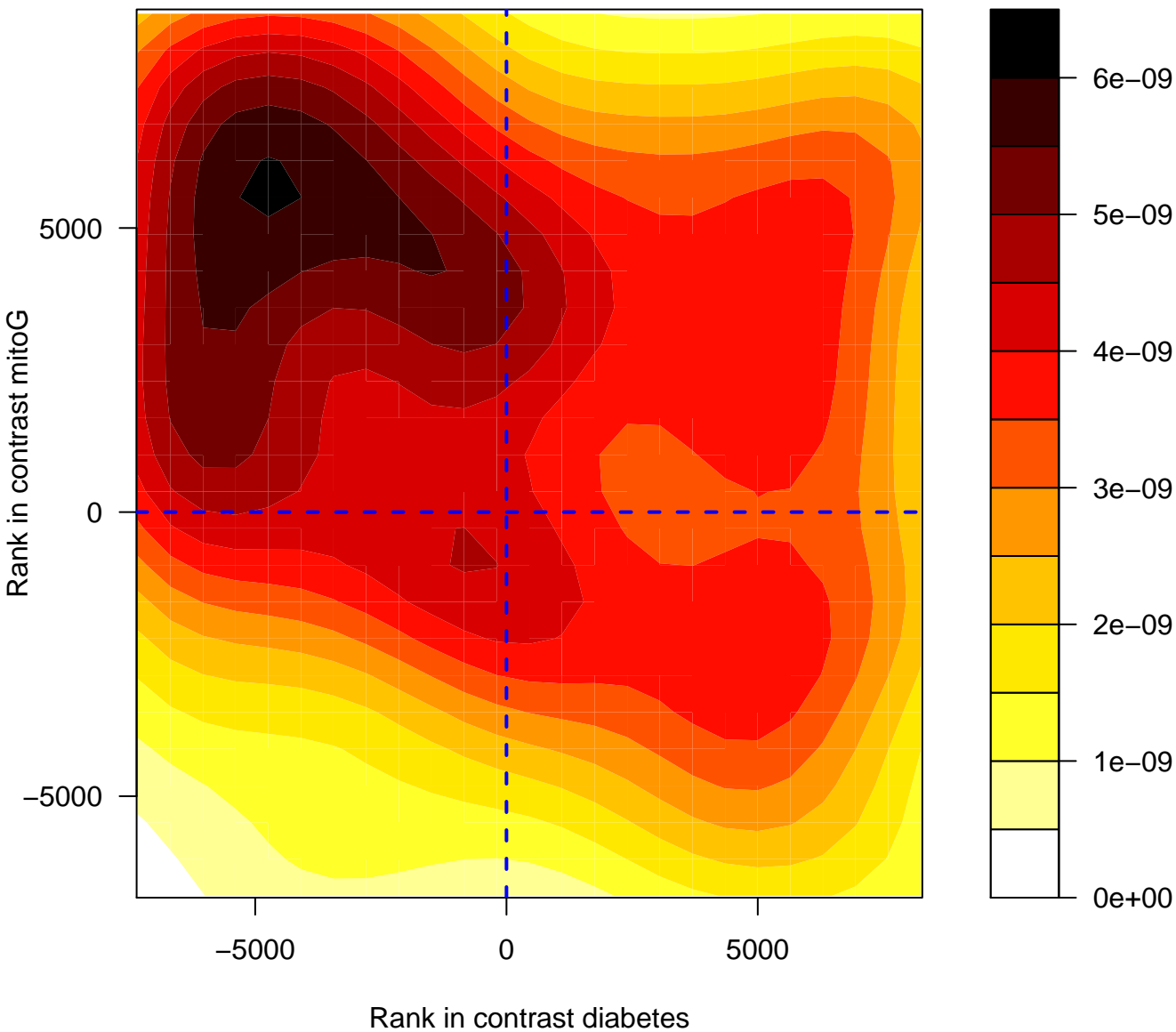
# GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_4MONTH\_POST\_DX\_PBMC\_D



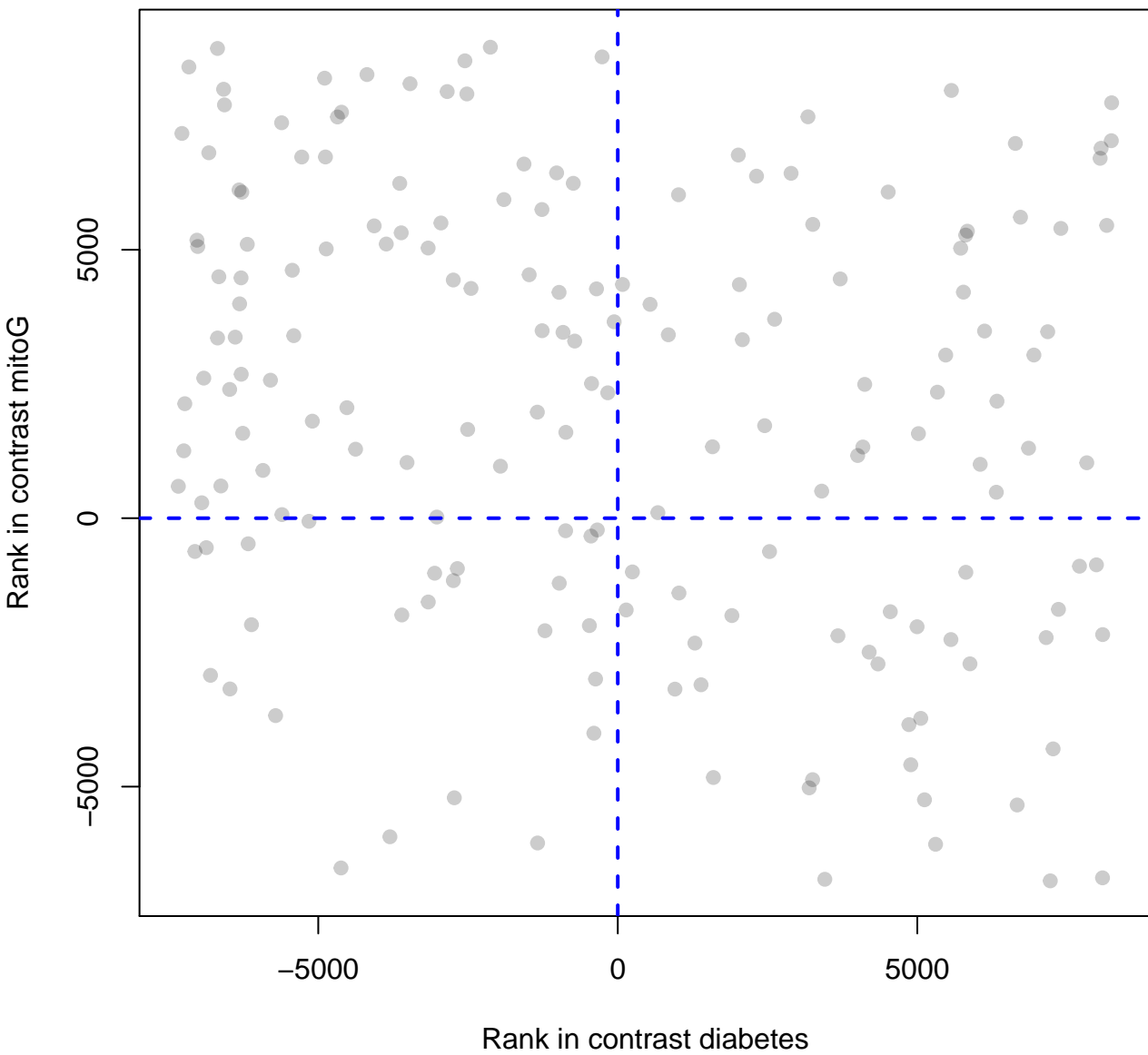
# GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_4MC



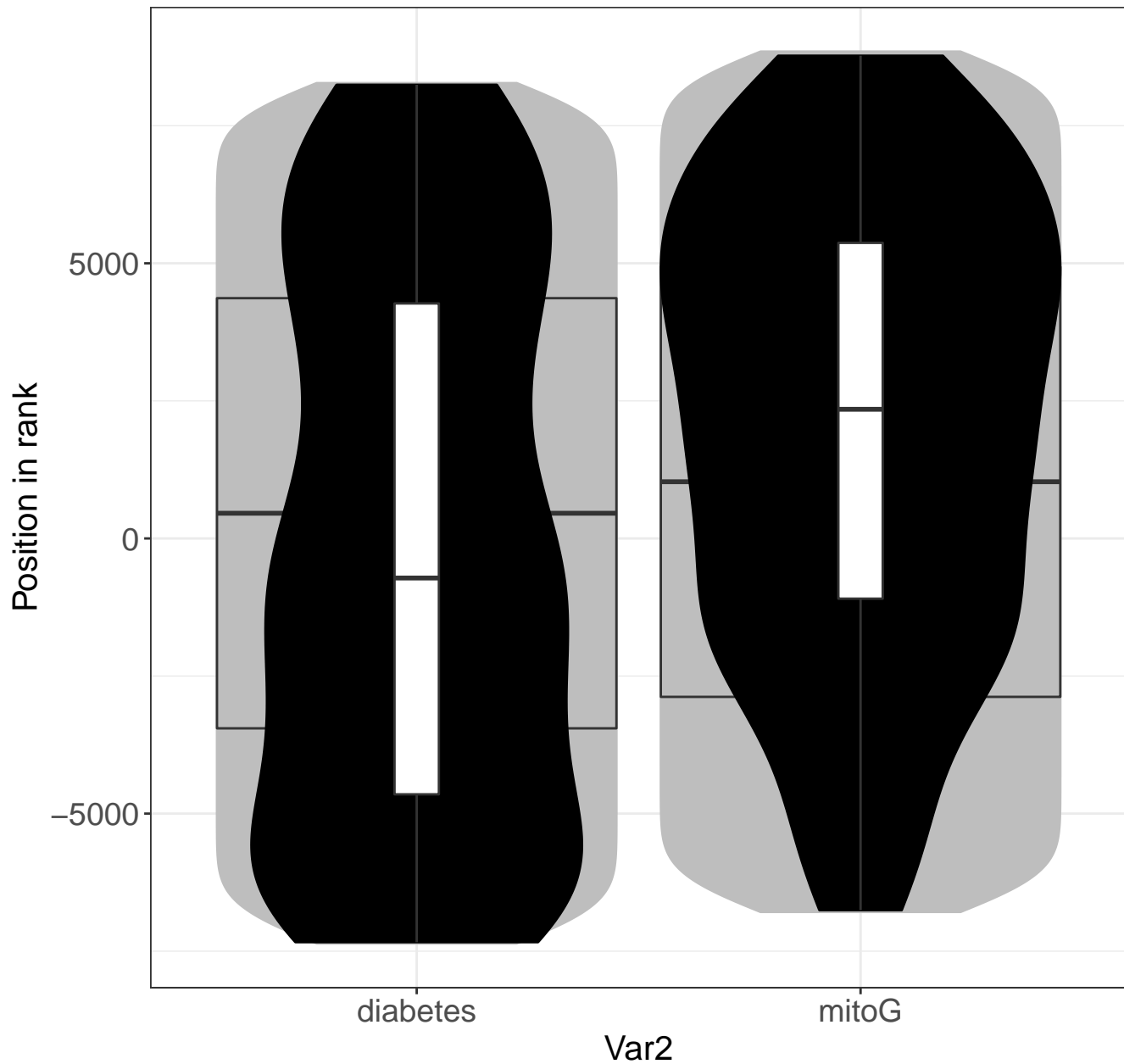
# 225\_WT\_VS\_RIP\_B7X\_DIABETIC\_MOUSE\_PANCREATIC\_CD



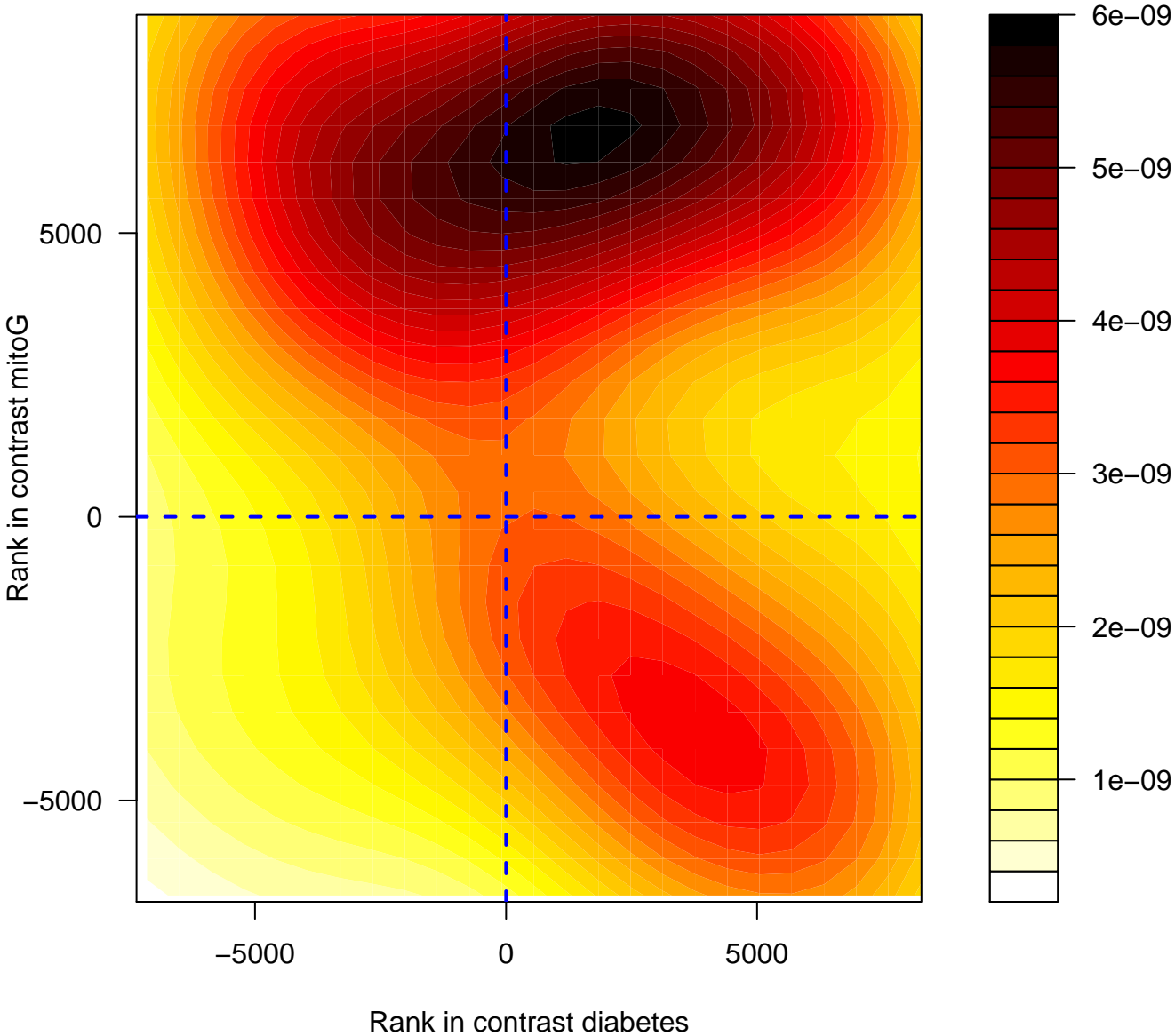
GSE40225\_WT\_VS\_RIP\_B7X\_DIABETIC\_MOUSE\_PANCREATIC\_CD8\_TCELL



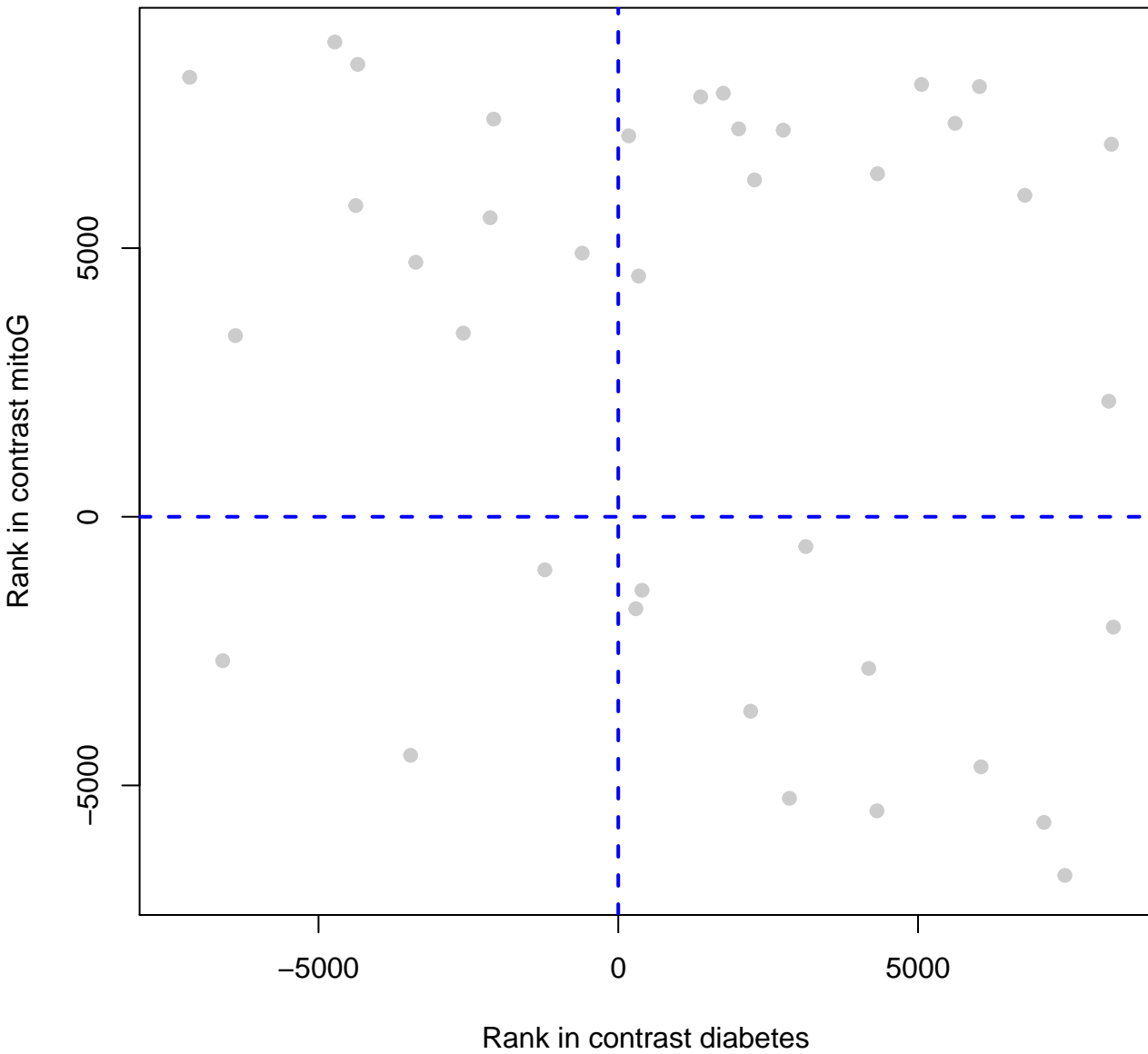
# GSE40225\_WT\_VS\_RIP\_B7X\_DIABETIC\_MOUS



# HP\_TYPE\_I\_DIABETES\_MELLITUS

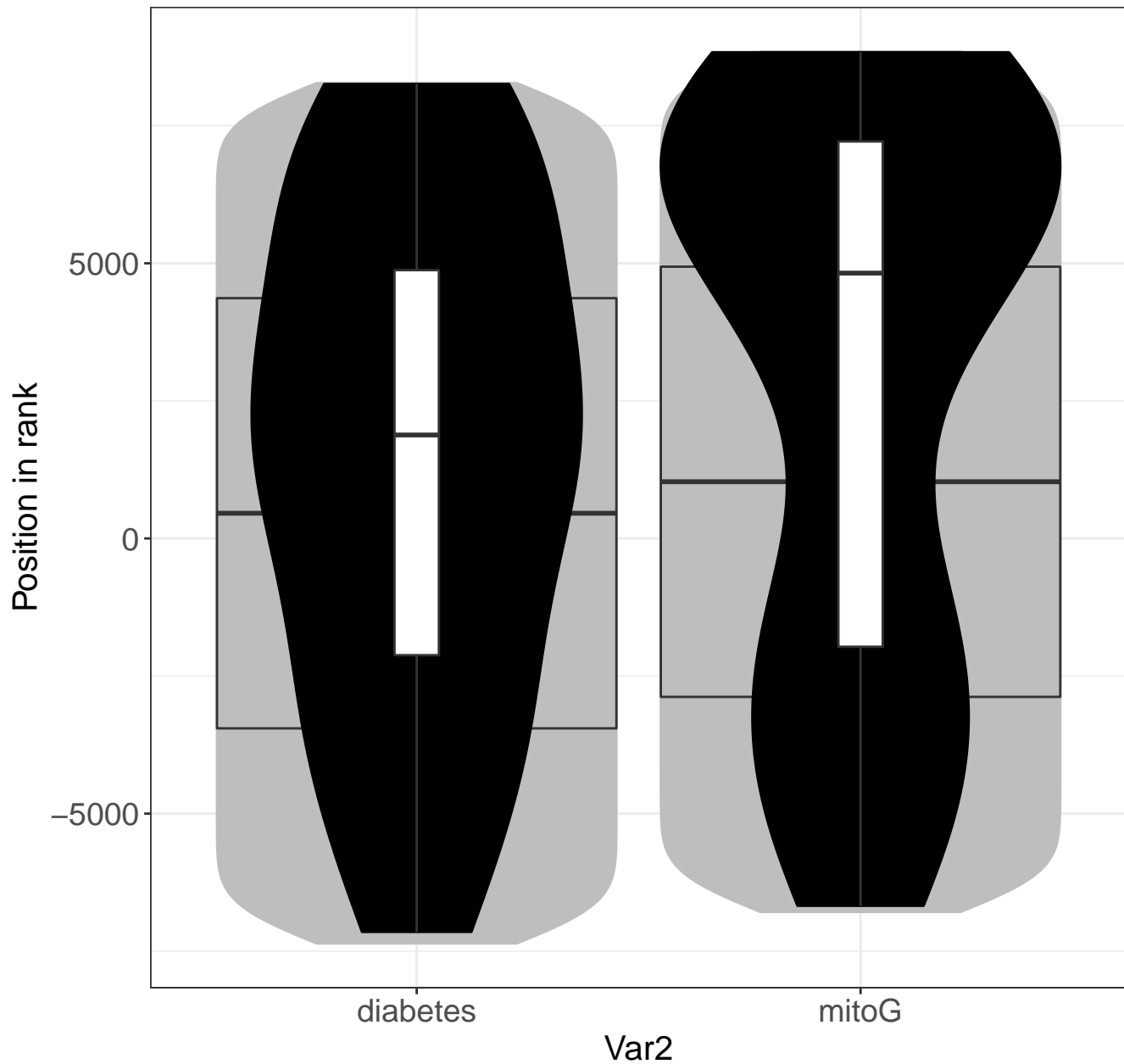


# HP\_TYPE\_I\_DIABETES\_MELLITUS

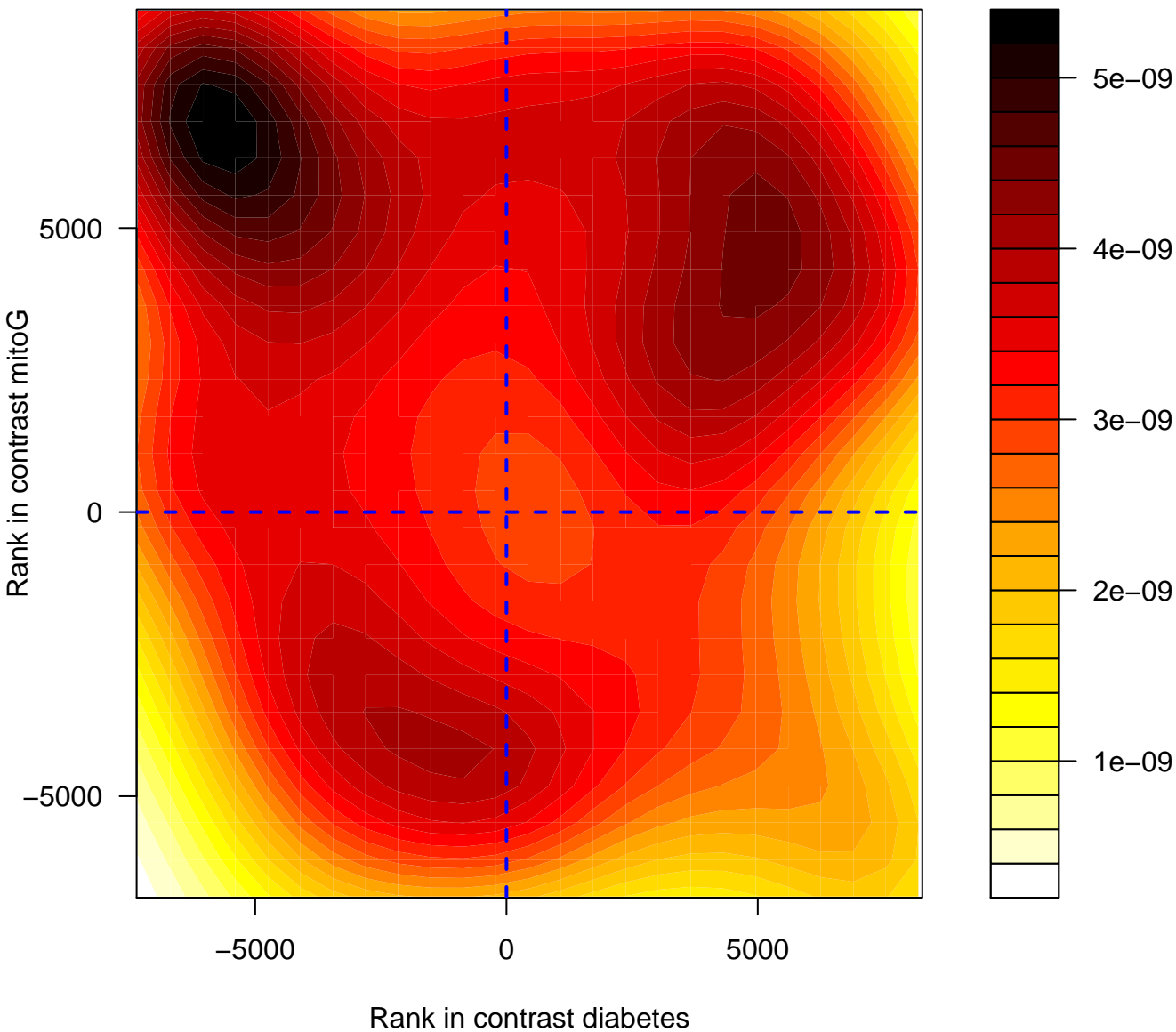




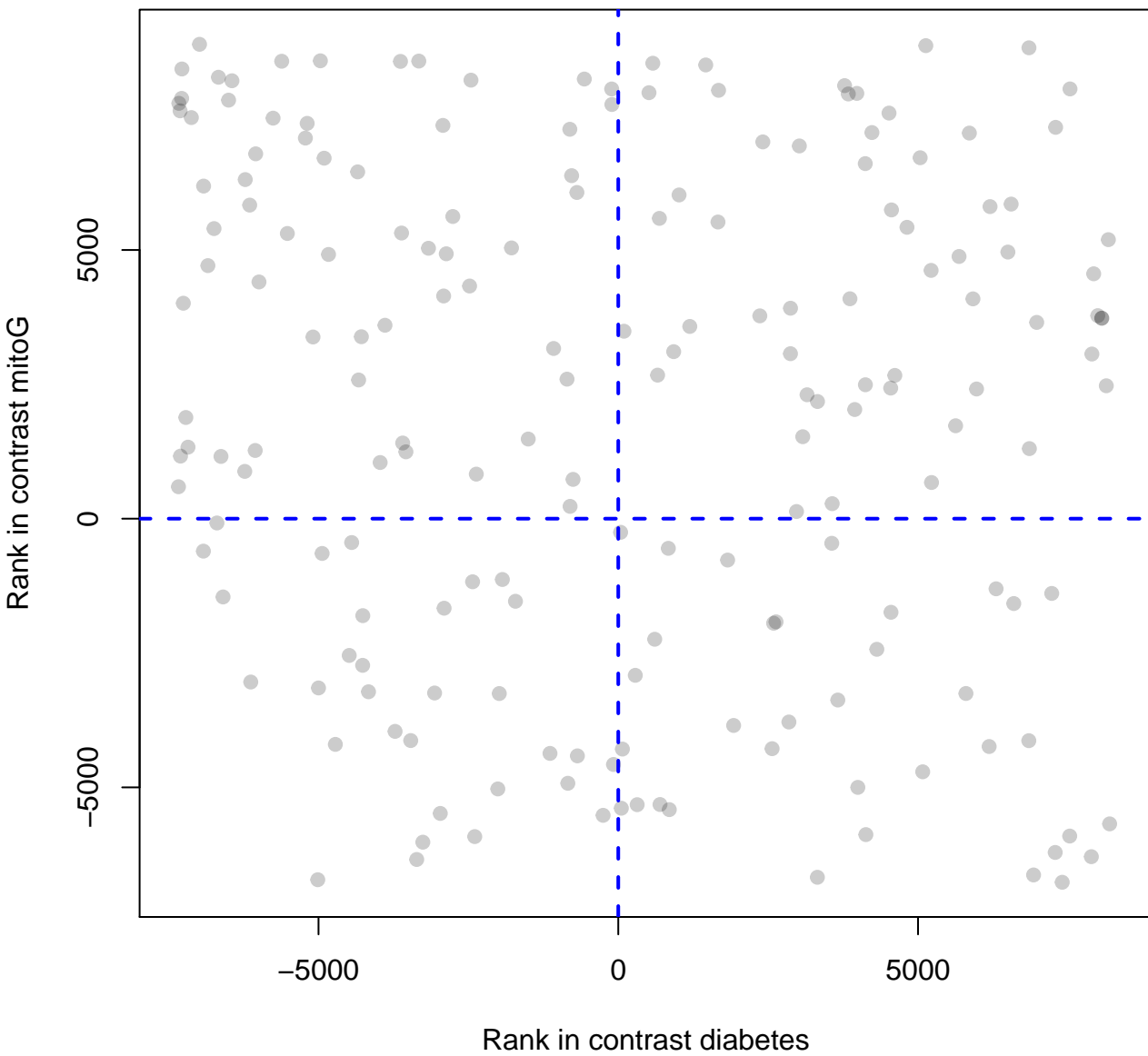
# HP\_TYPE\_I\_DIABETES\_MELLITUS



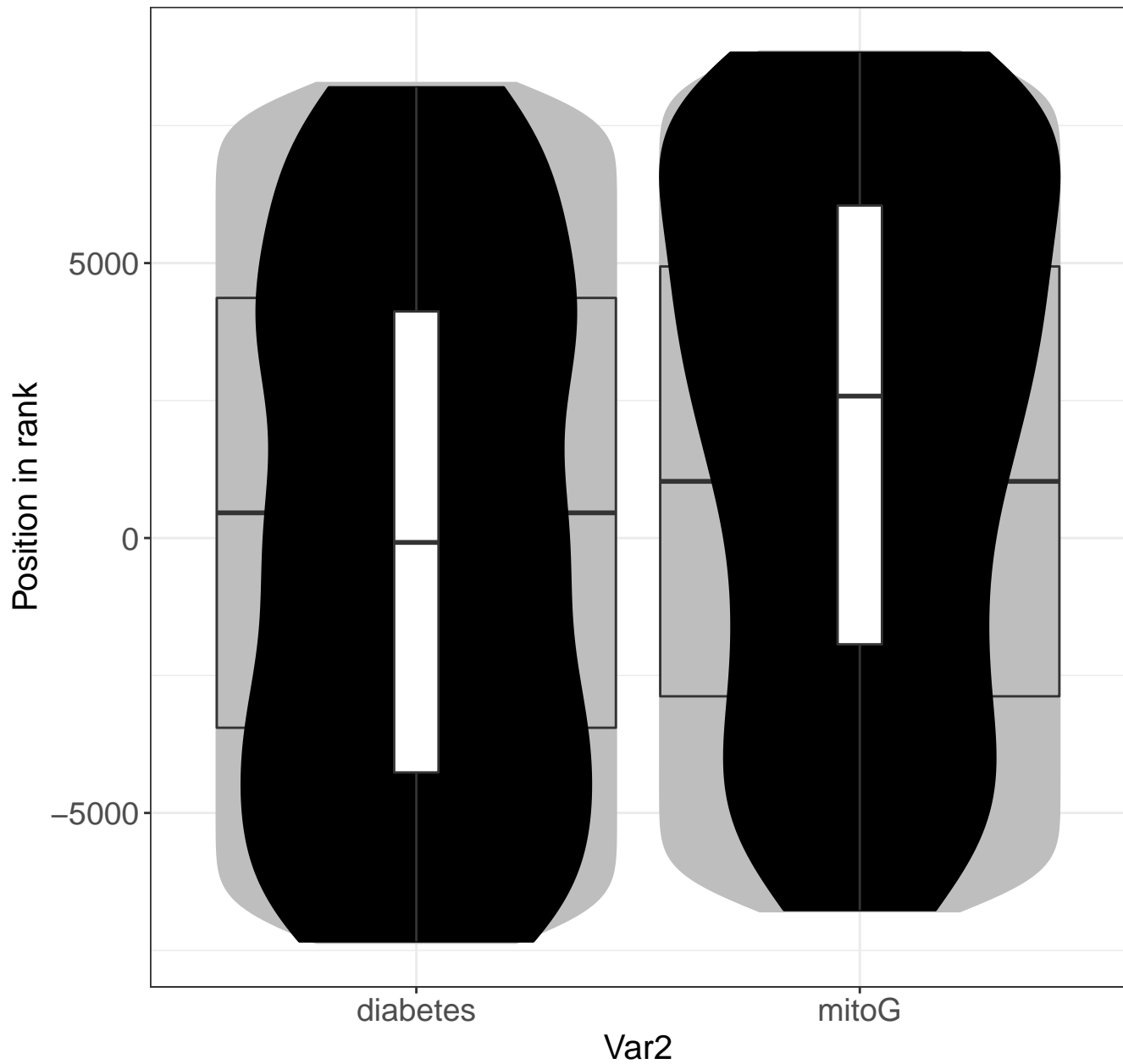
# E9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_1MONTH\_POST\_DX\_



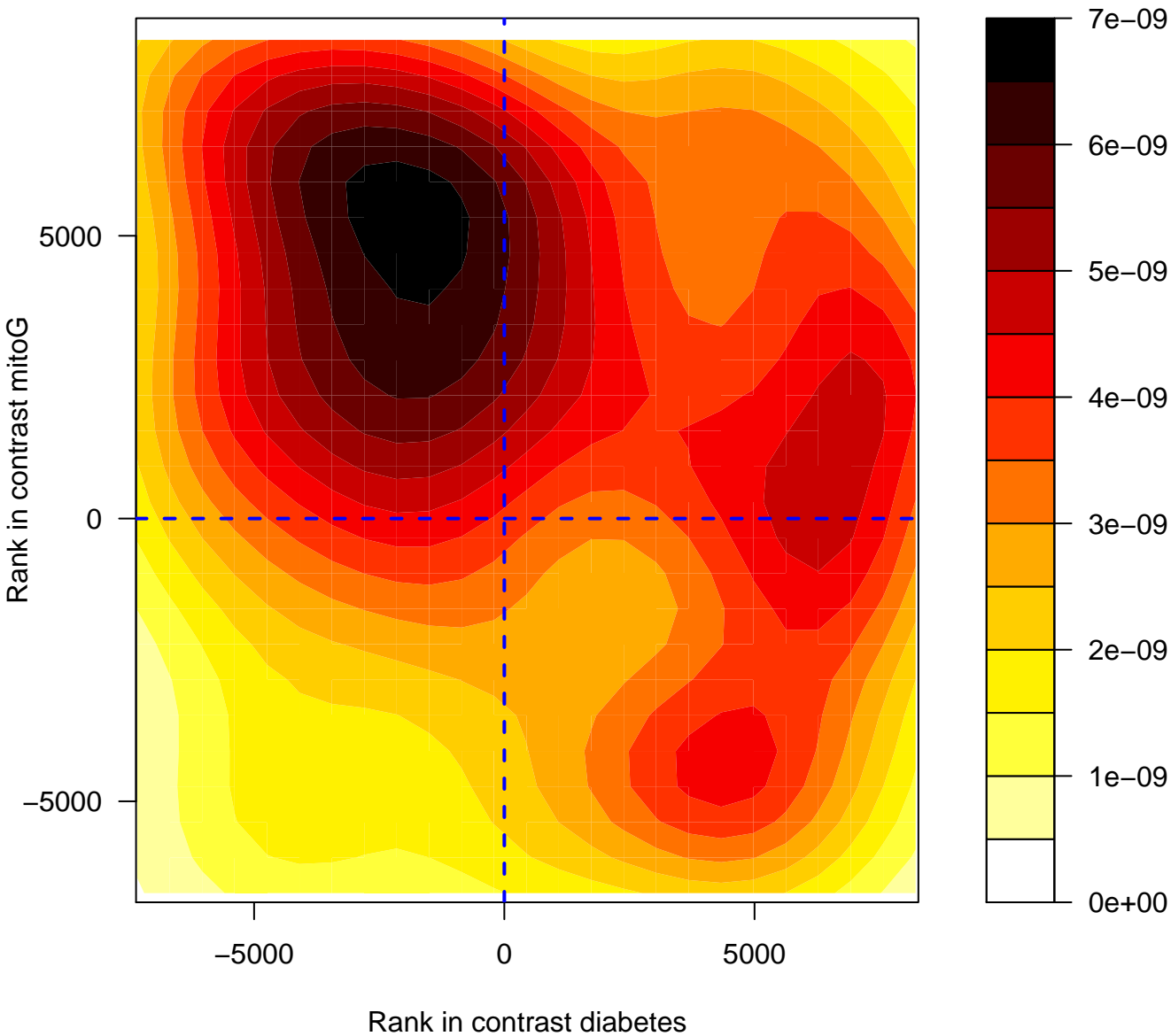
# GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_1MONTH\_POST\_DX\_PBMC\_U



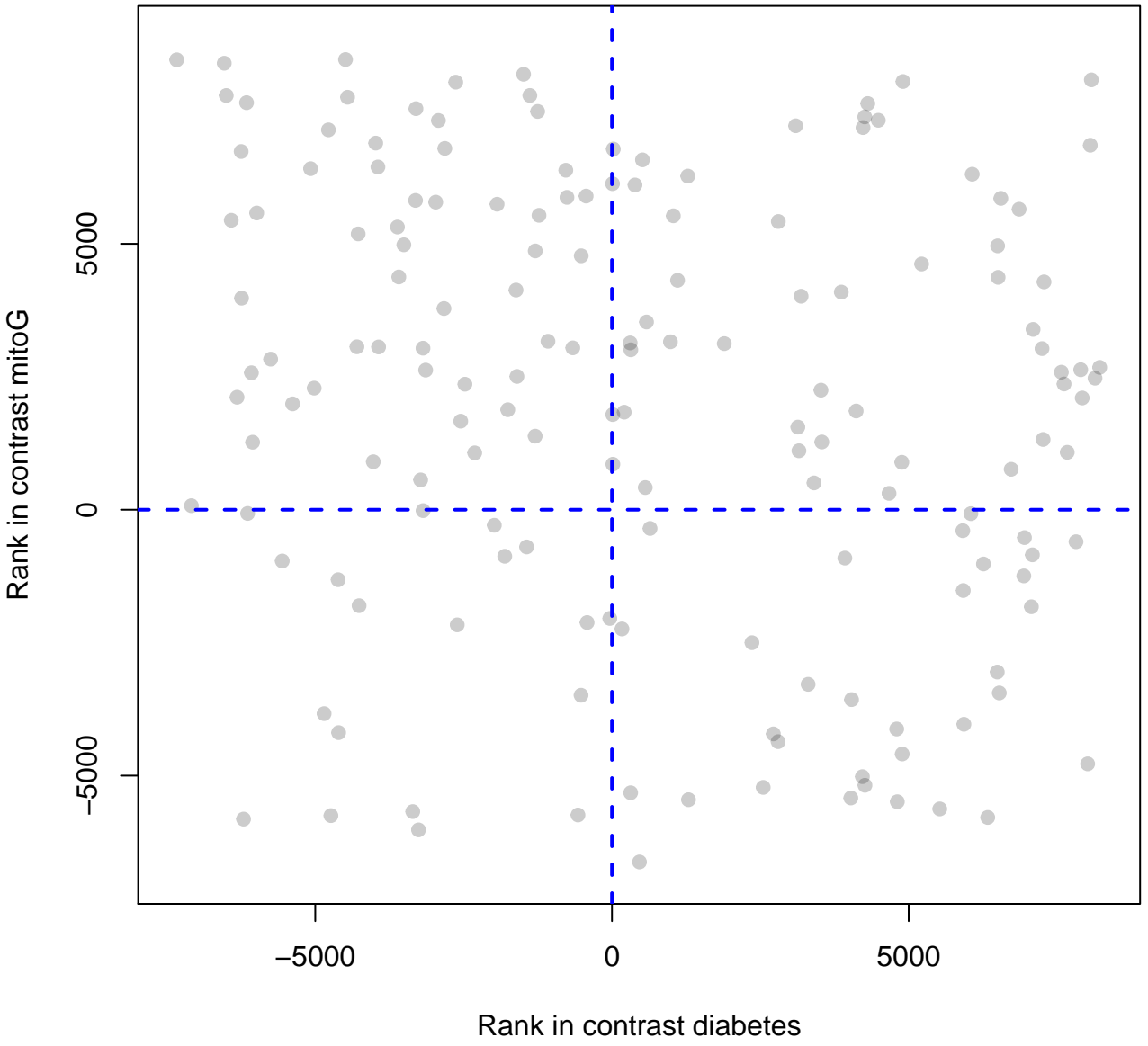
# GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_1M



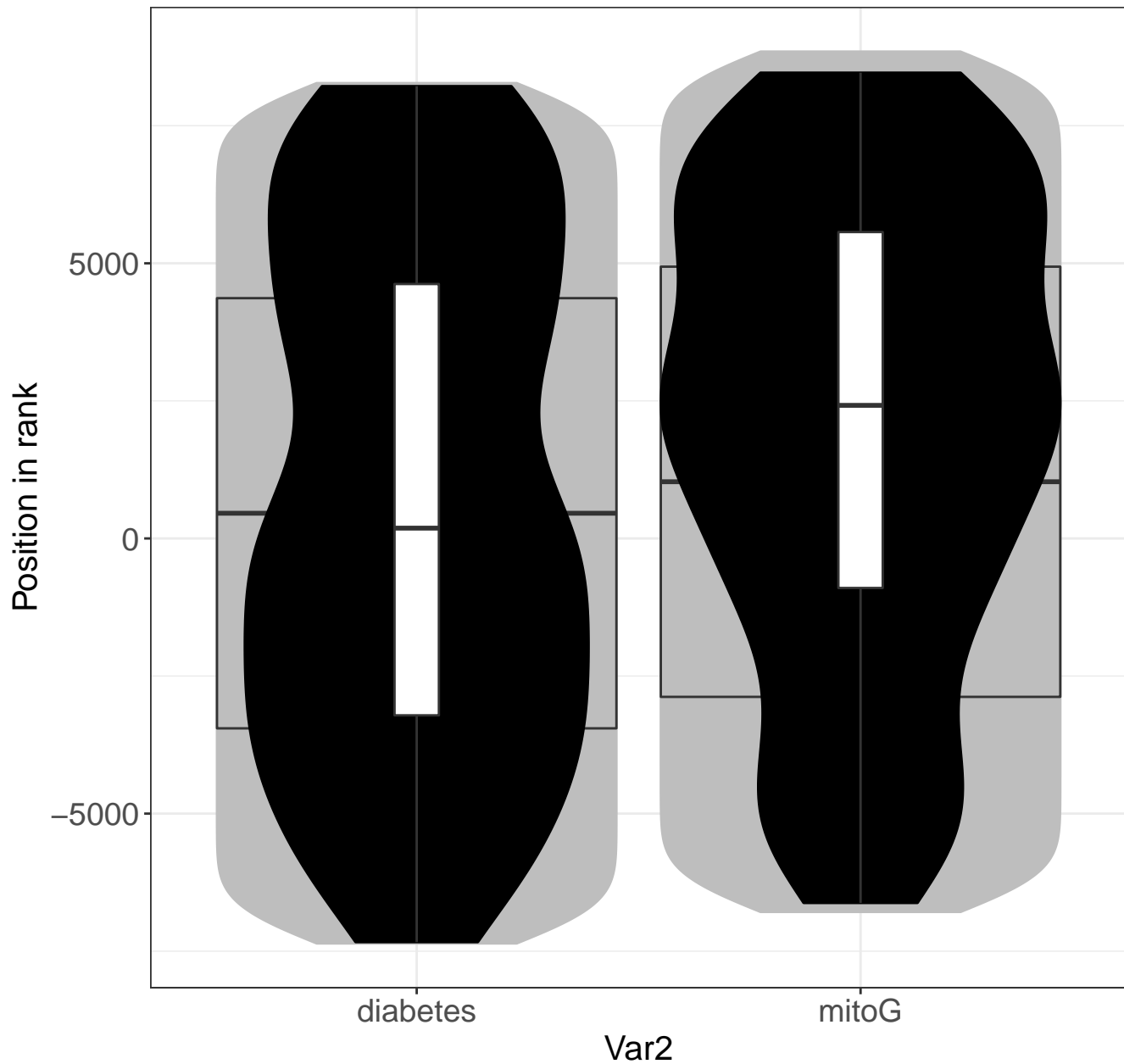
# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_AT\_D)



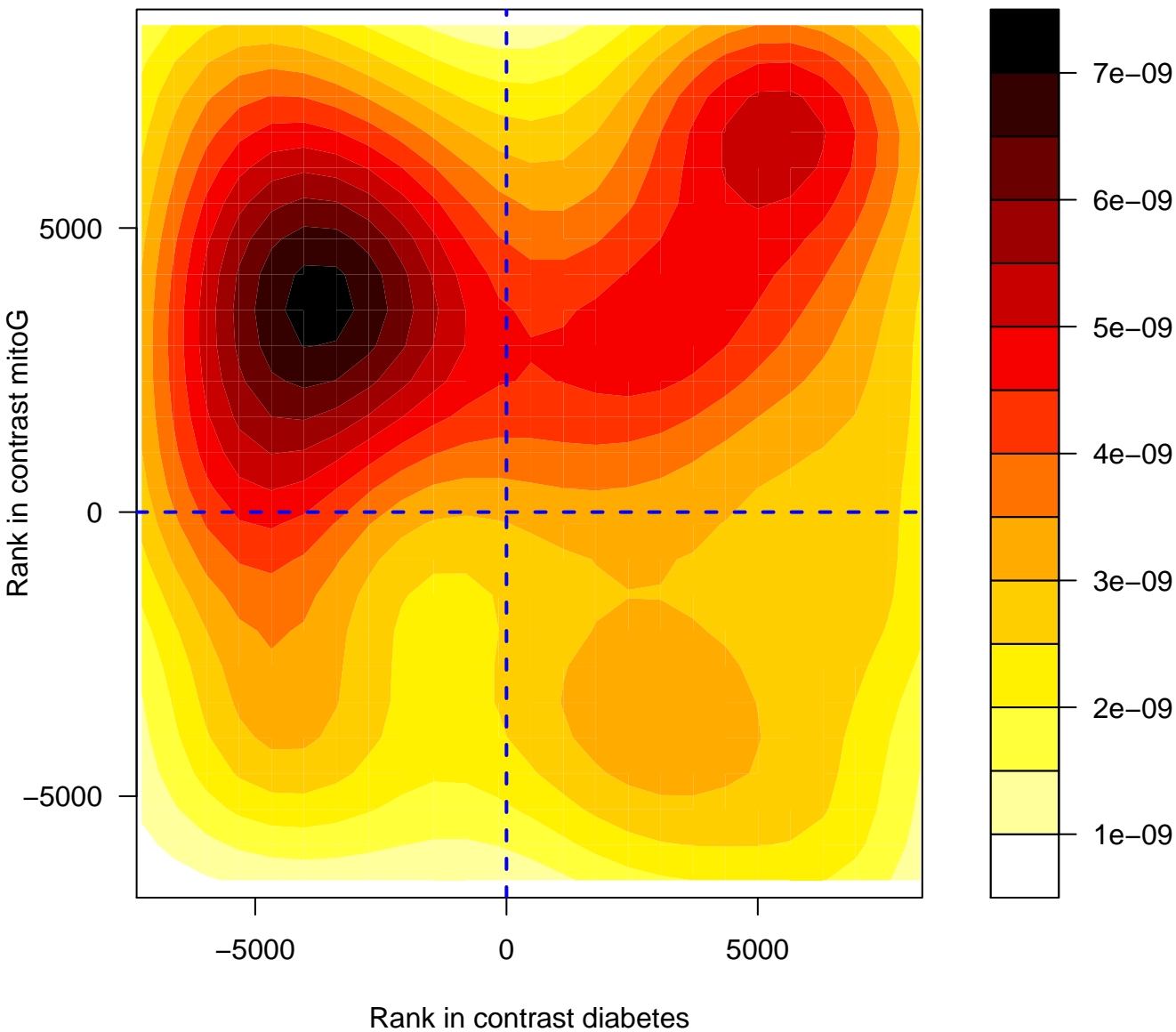
# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_AT\_DX\_DN



# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_F

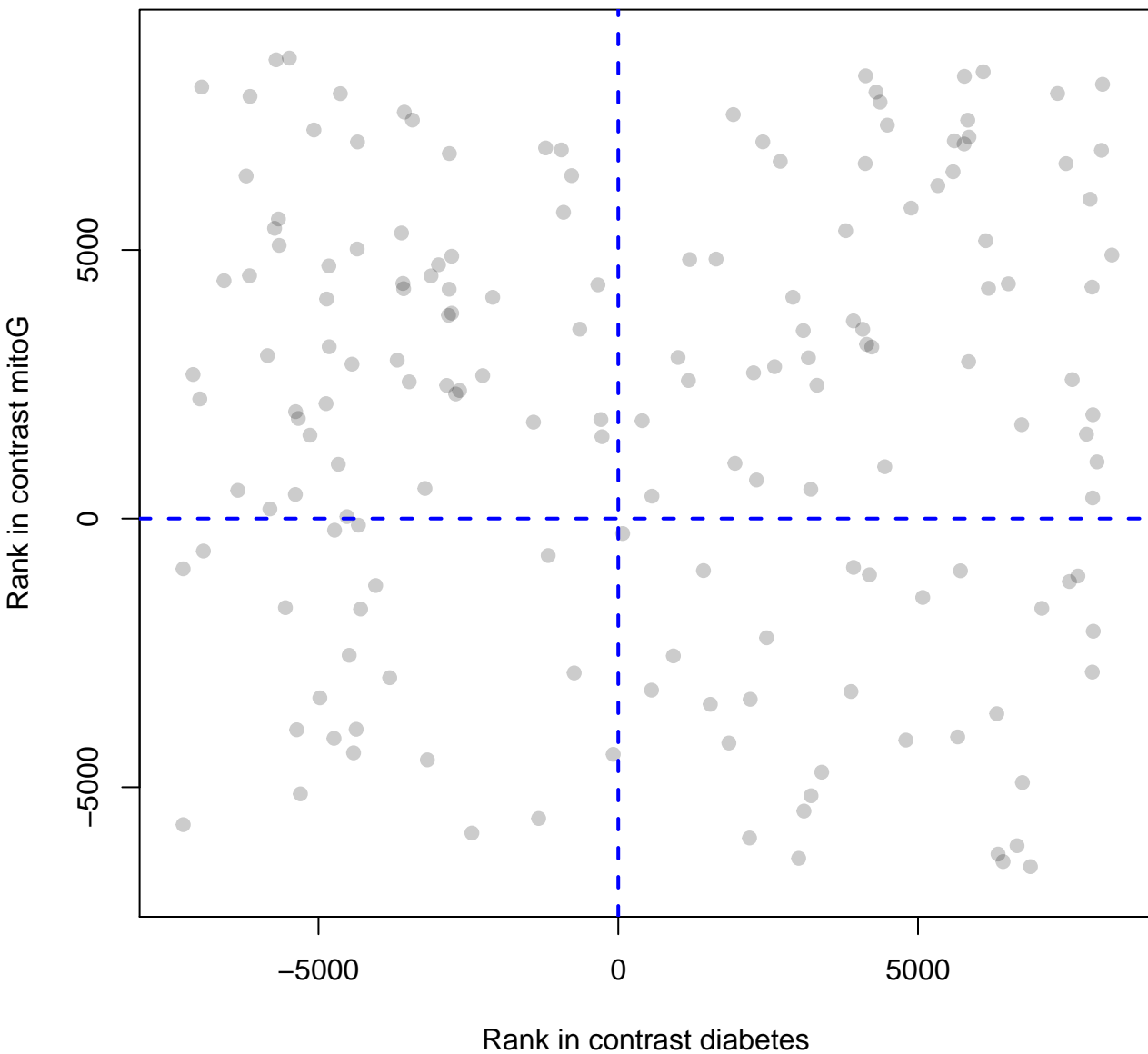


# 9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE\_1\_DIABETES\_DX

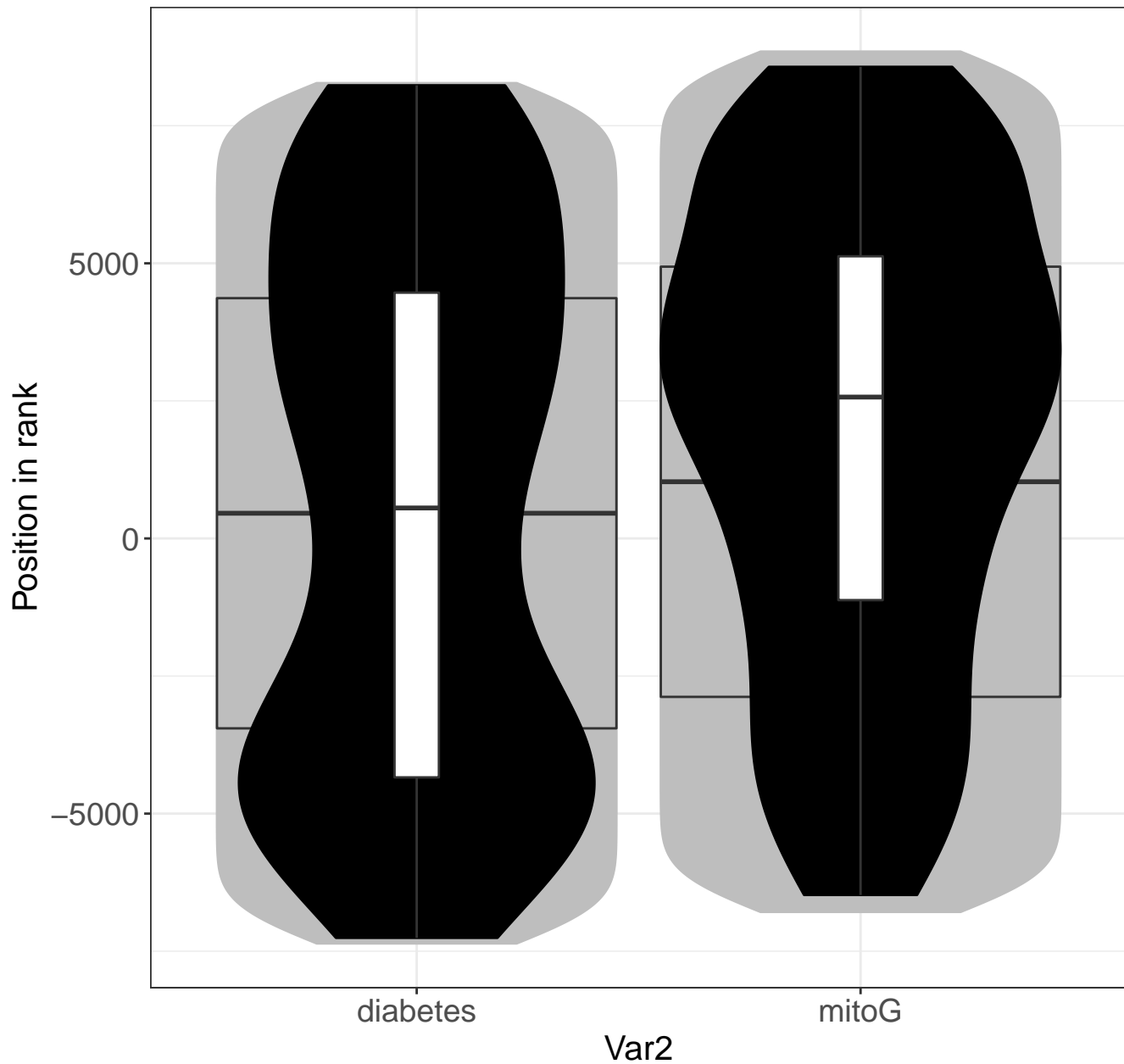




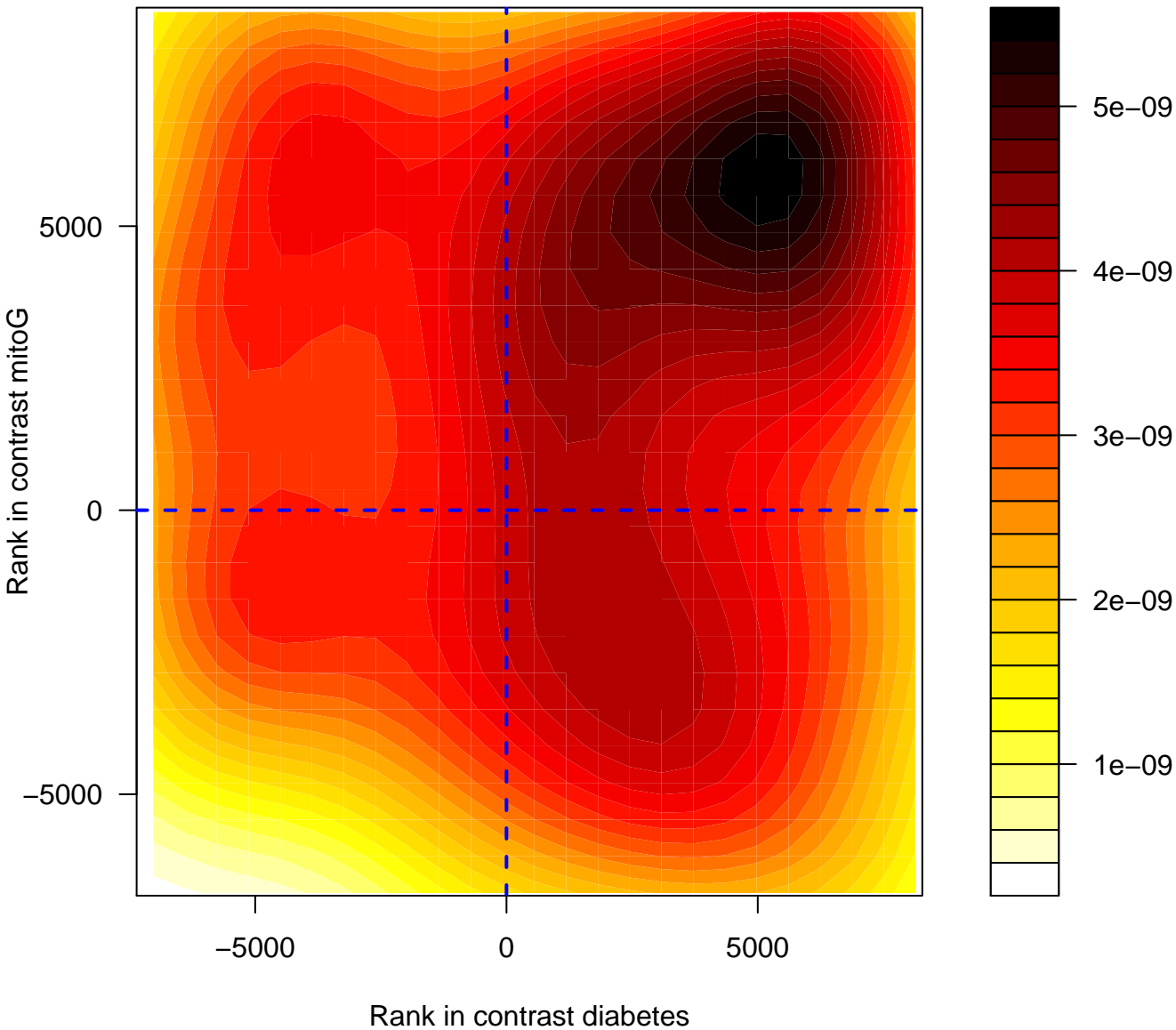
# GSE9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE\_1\_DIABETES\_DX\_PBMC\_U



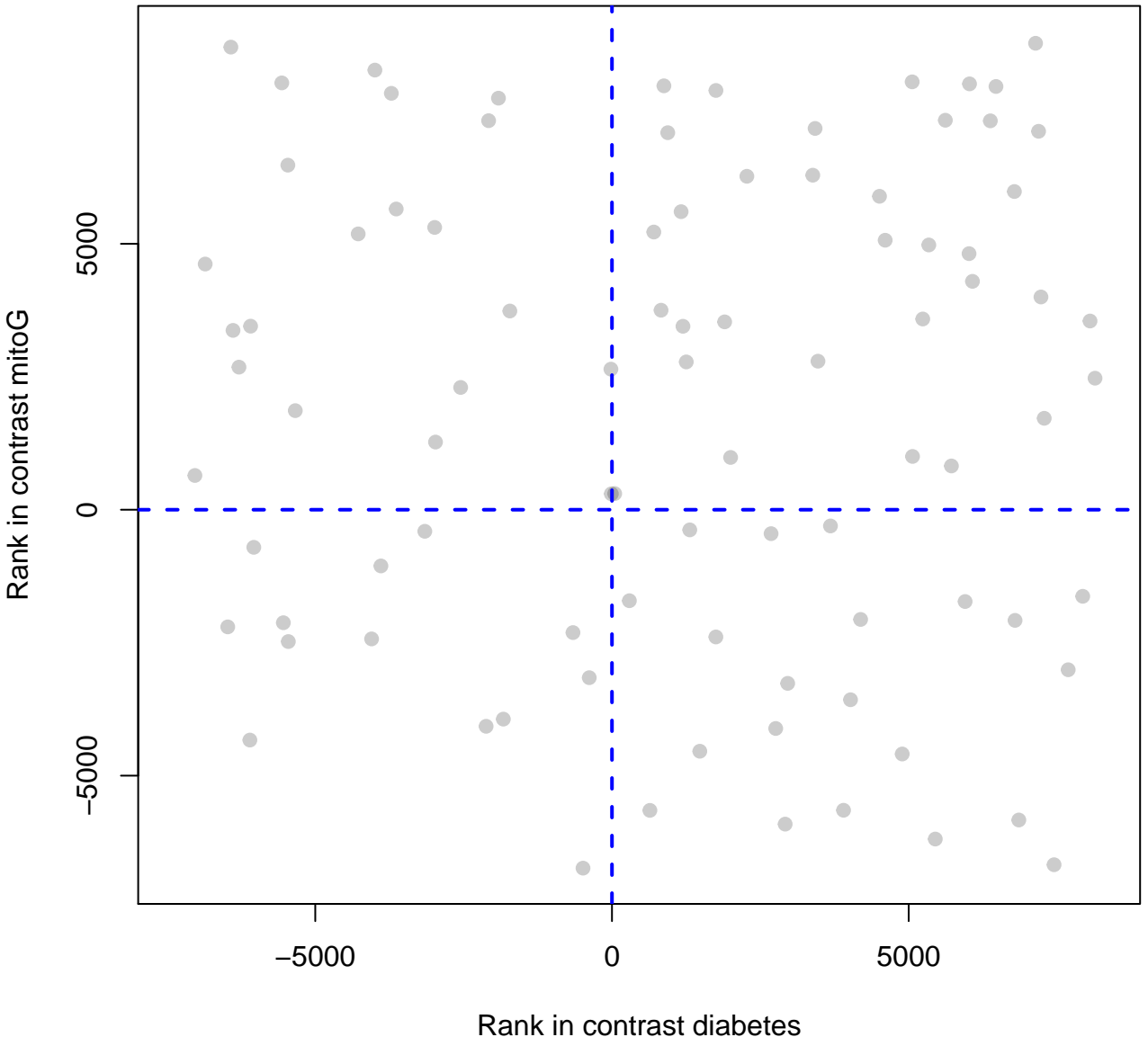
# GSE9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE



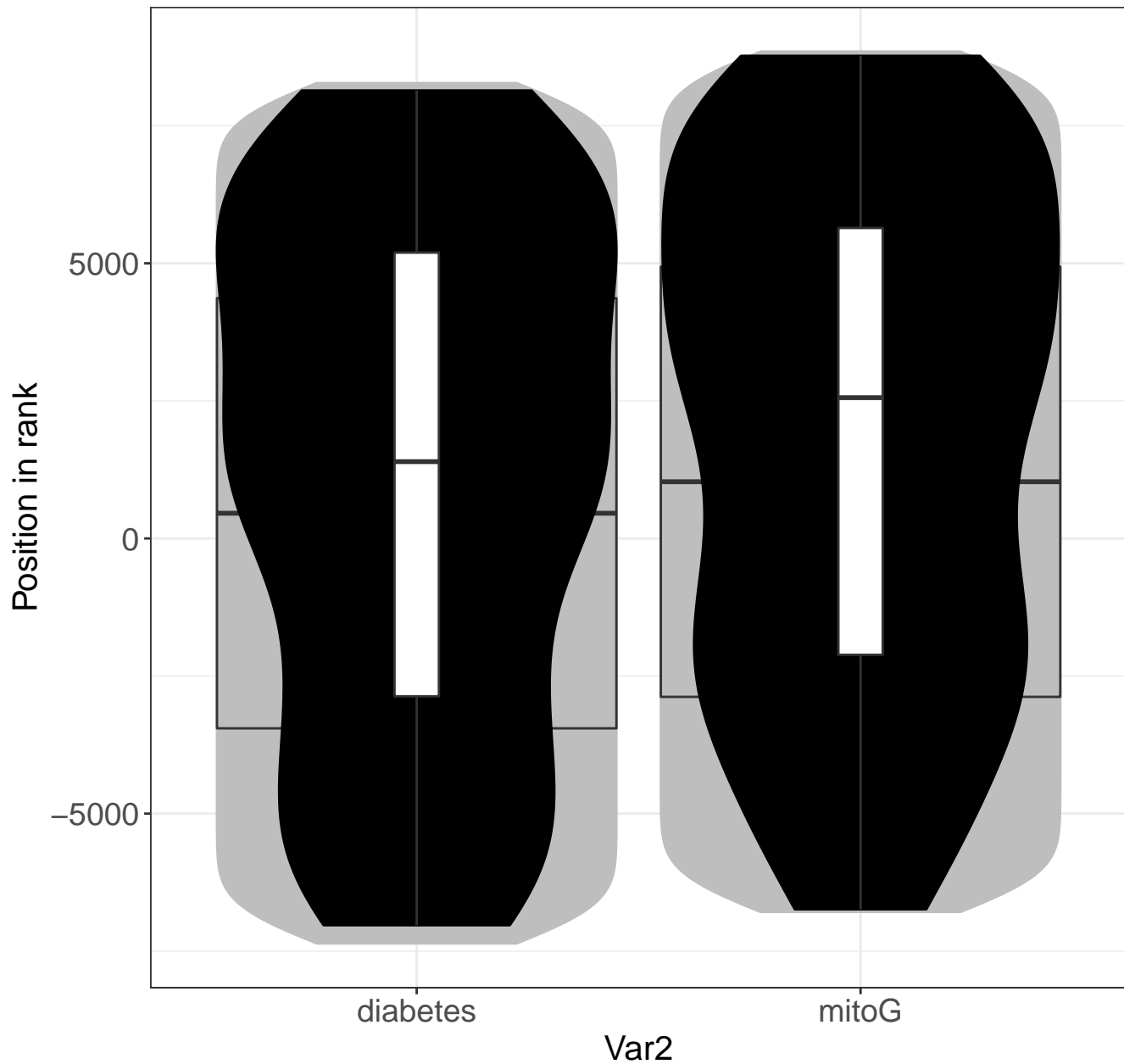
# HP\_NEPHROPATHY



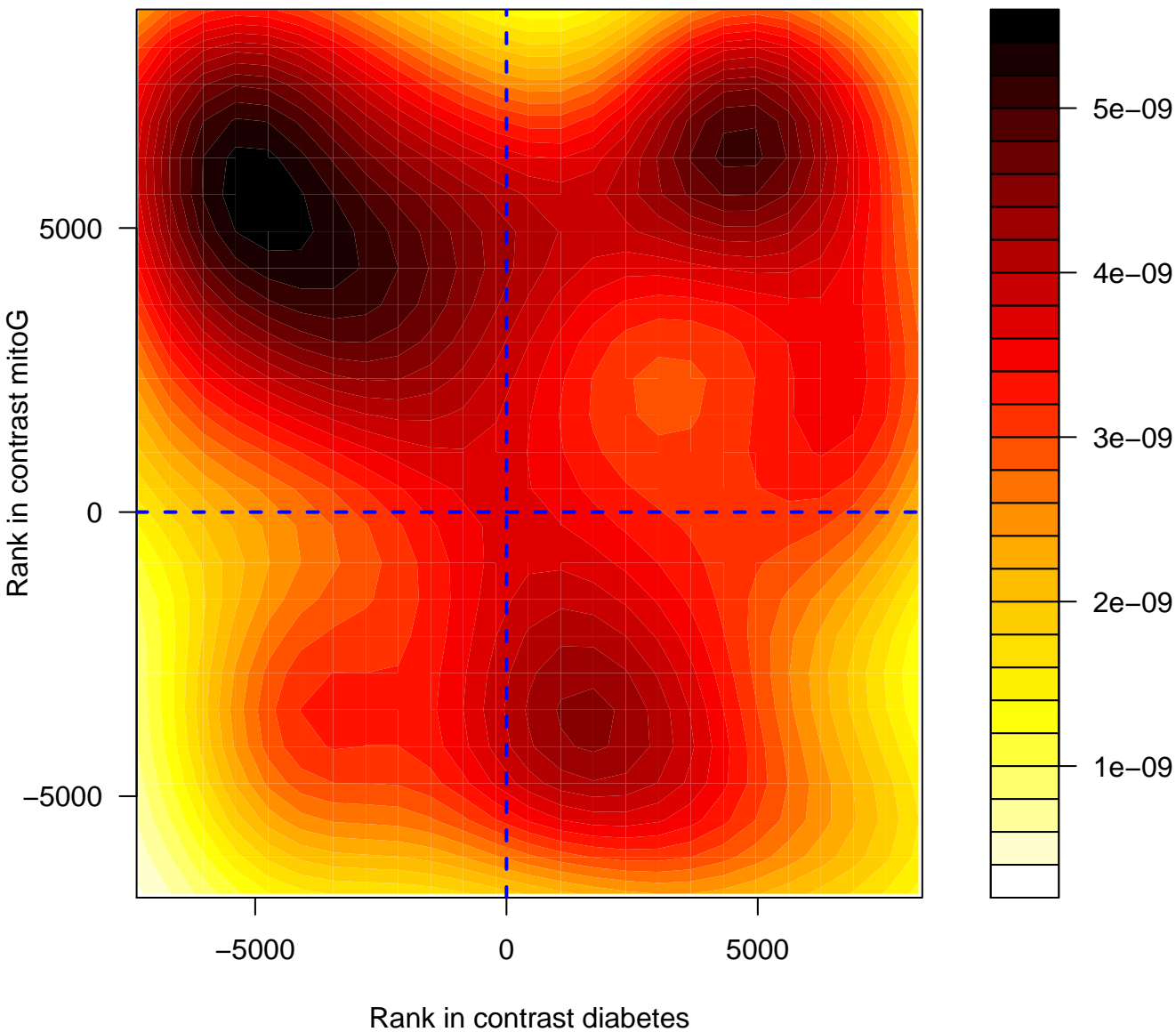
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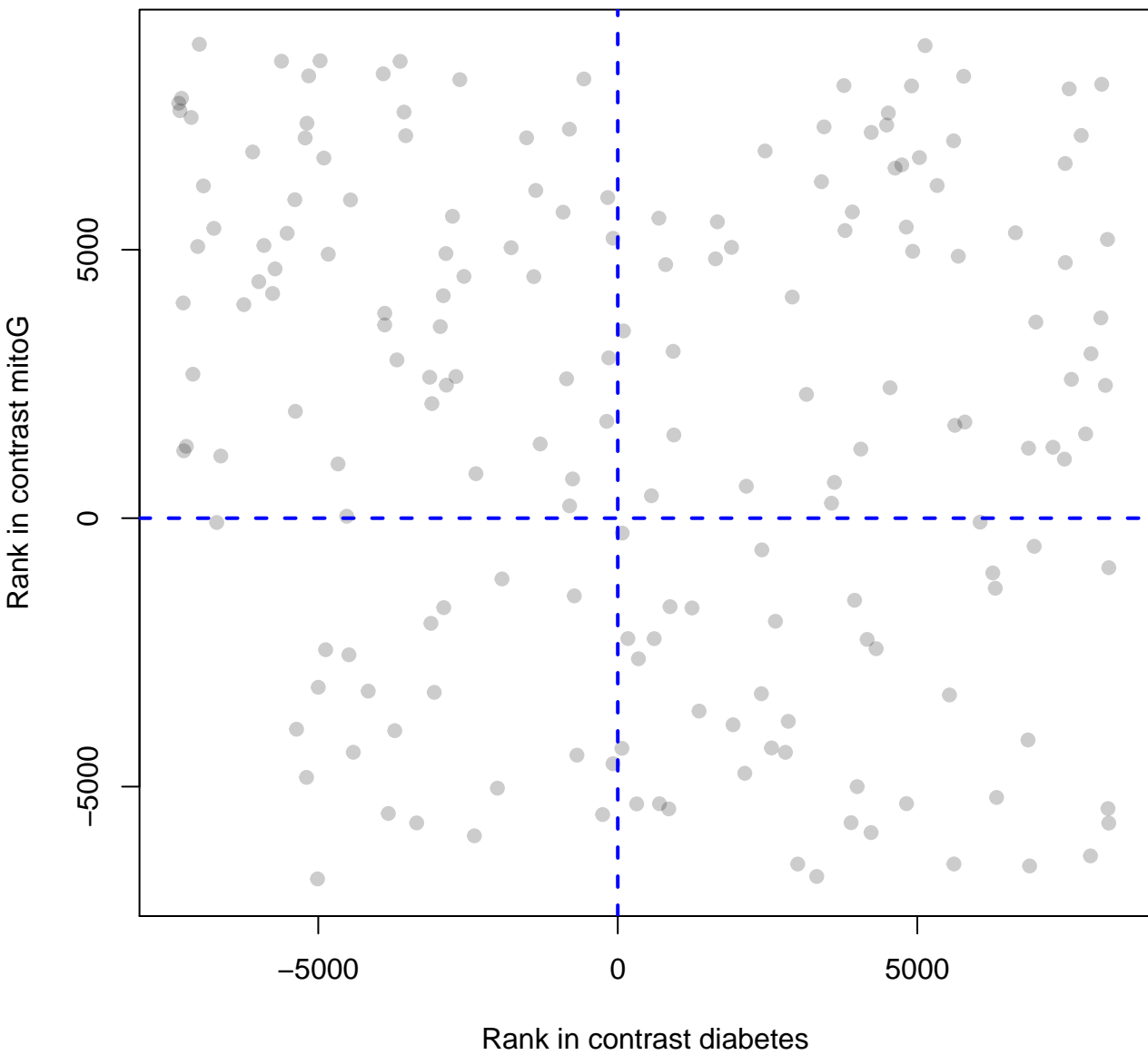
# HP\_NEPHROPATHY



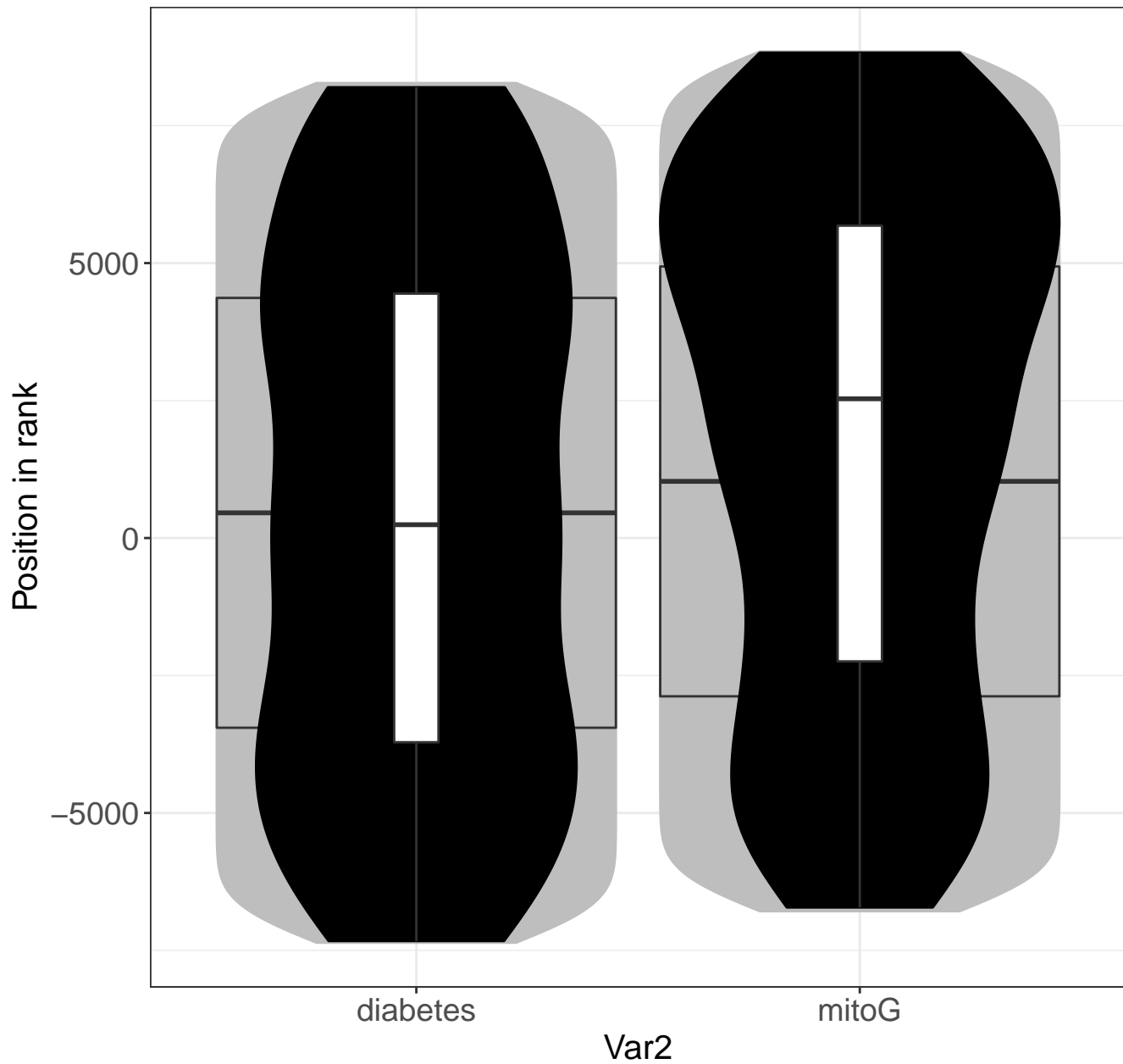
# E9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_4MONTH\_POST\_DX\_



# GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_4MONTH\_POST\_DX\_PBMC\_U

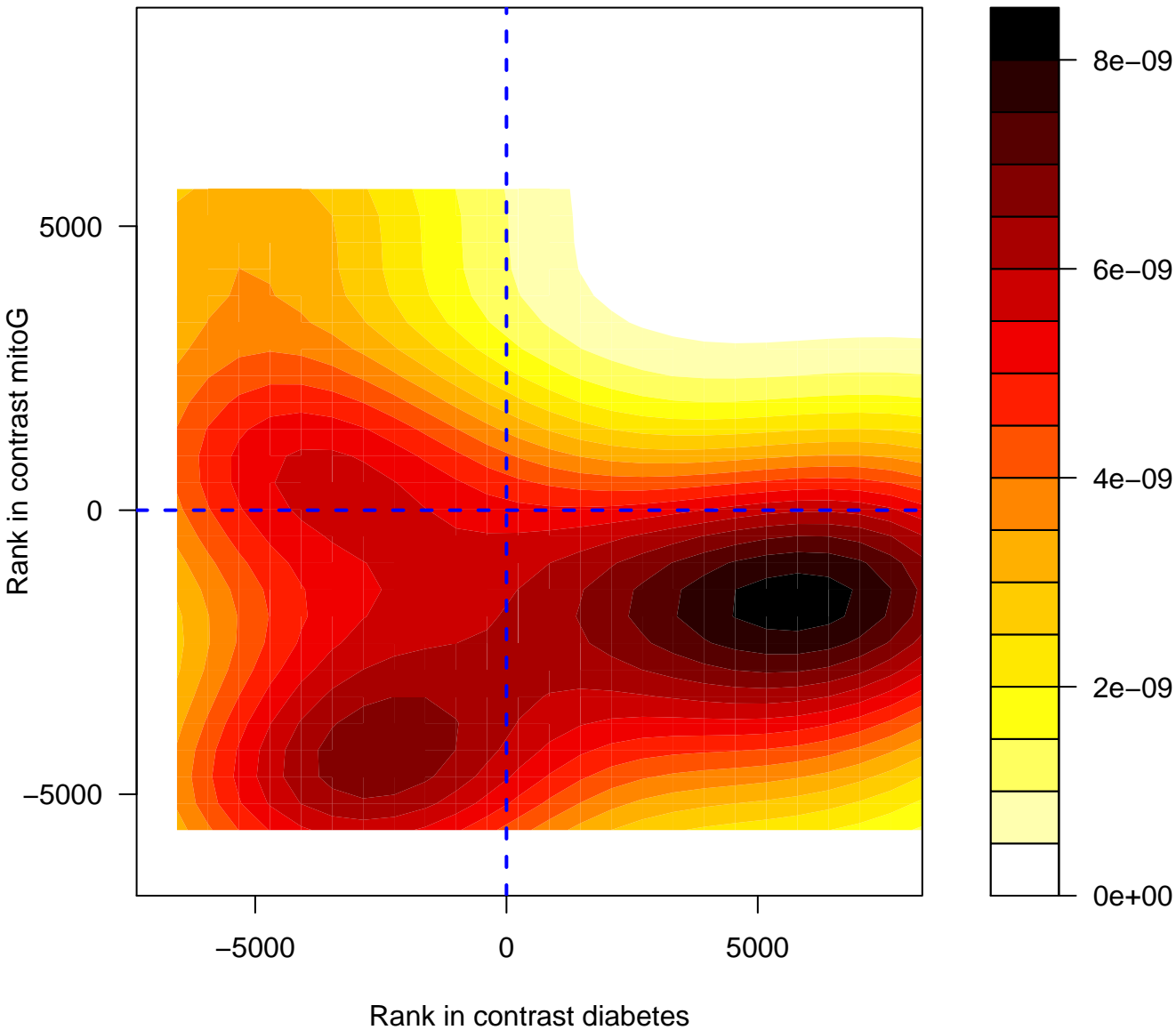


# GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_4MC

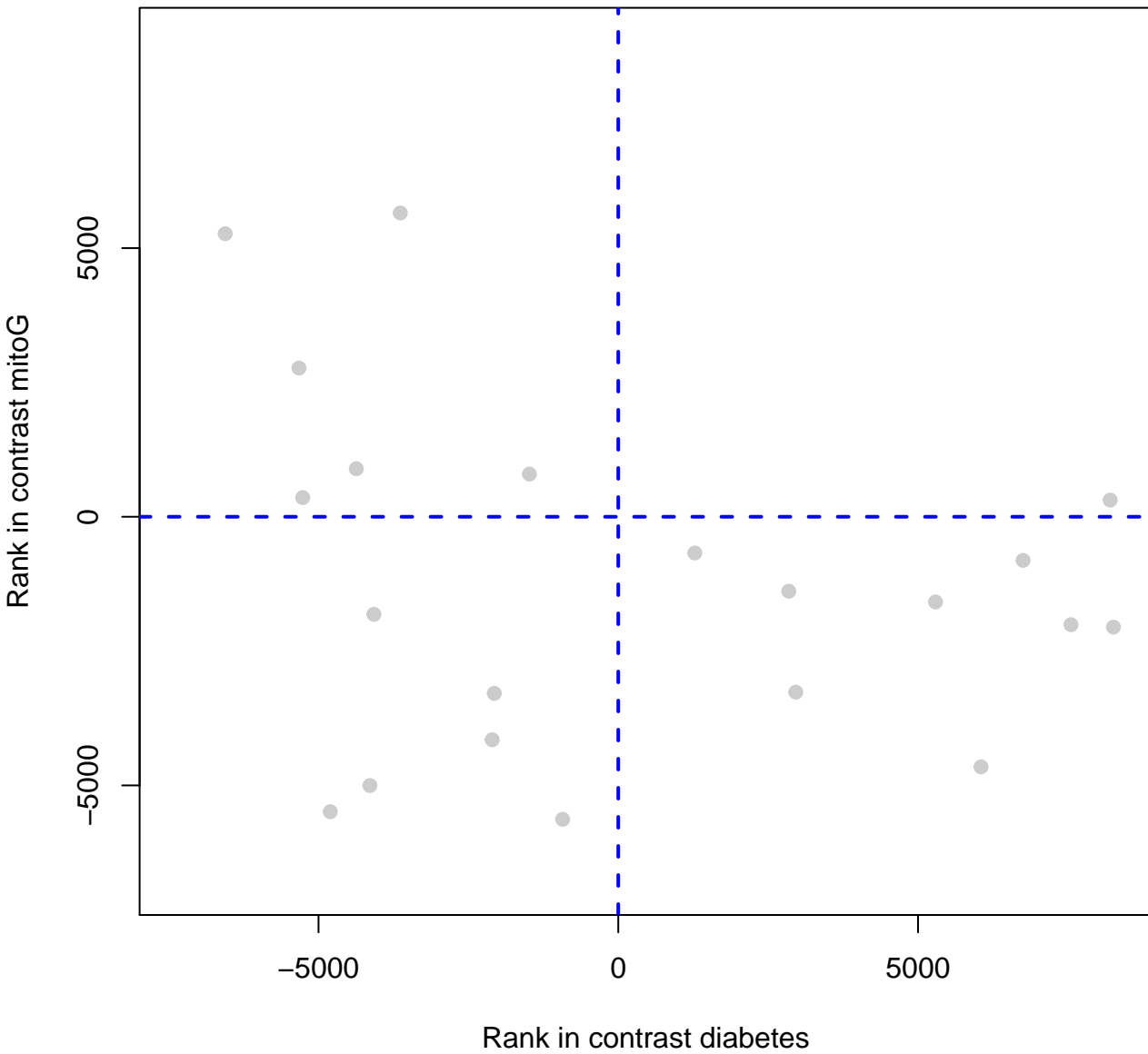




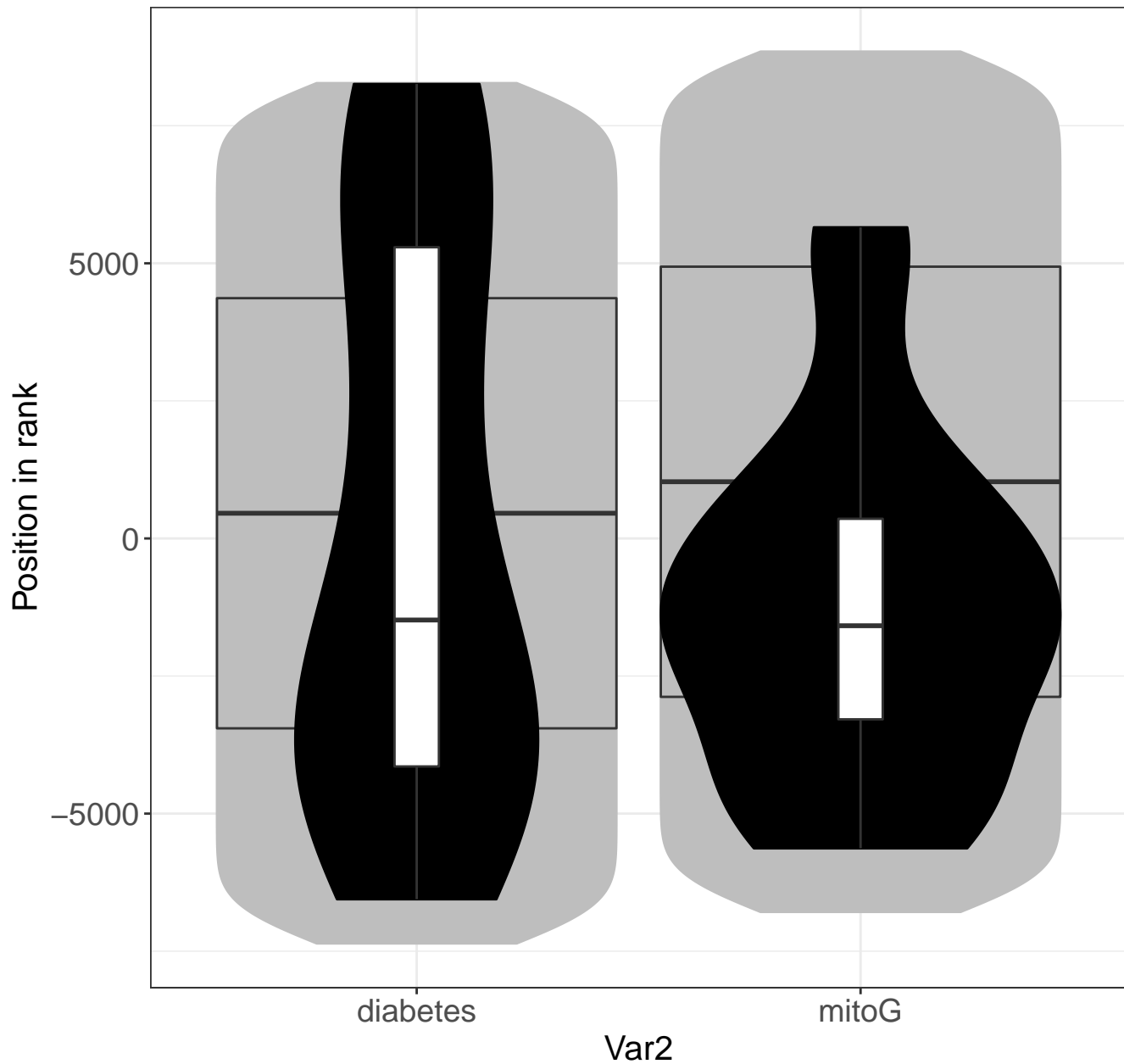
# HP\_MATERNAL\_DIABETES



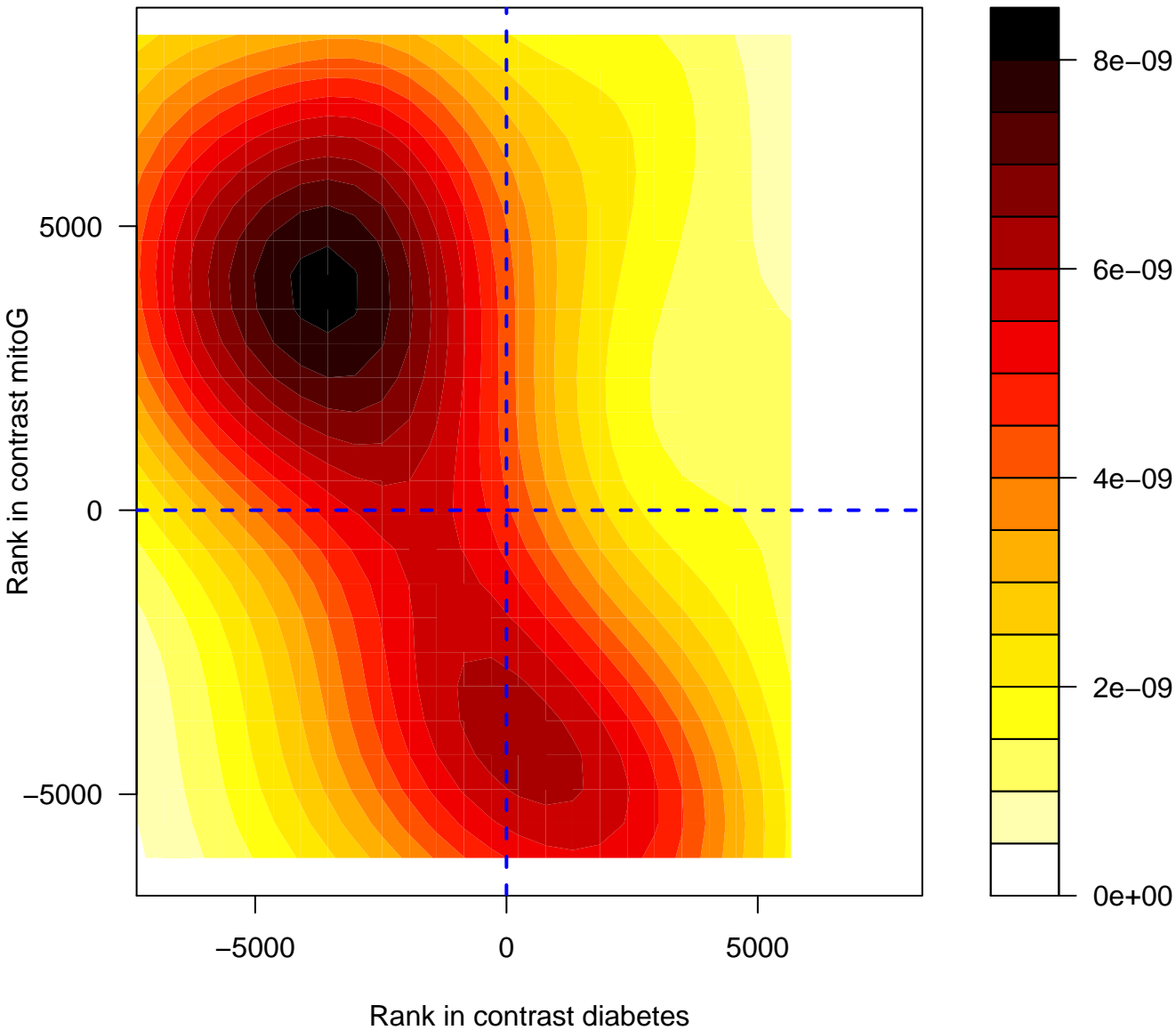
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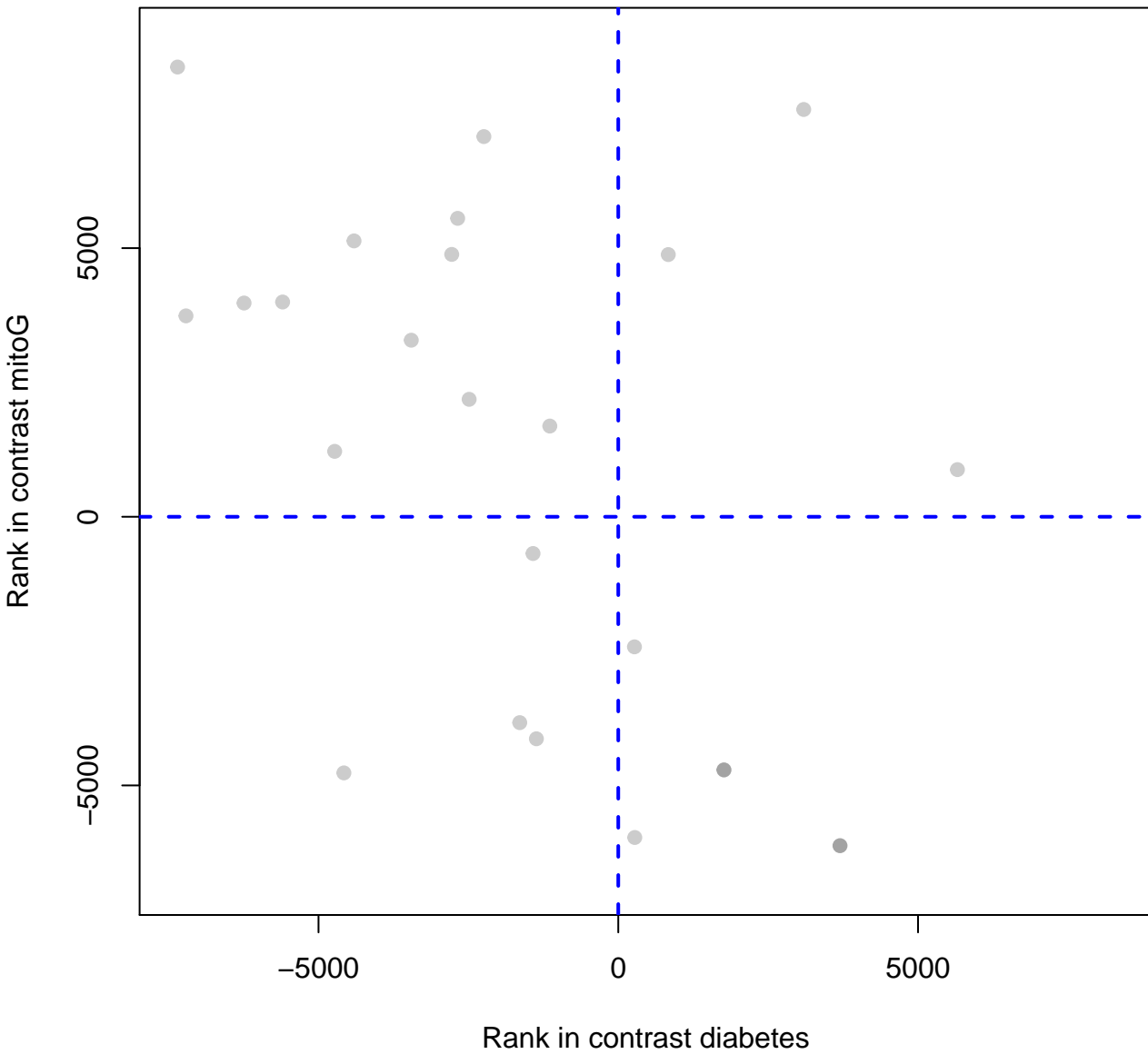
# HP\_MATERNAL\_DIABETES



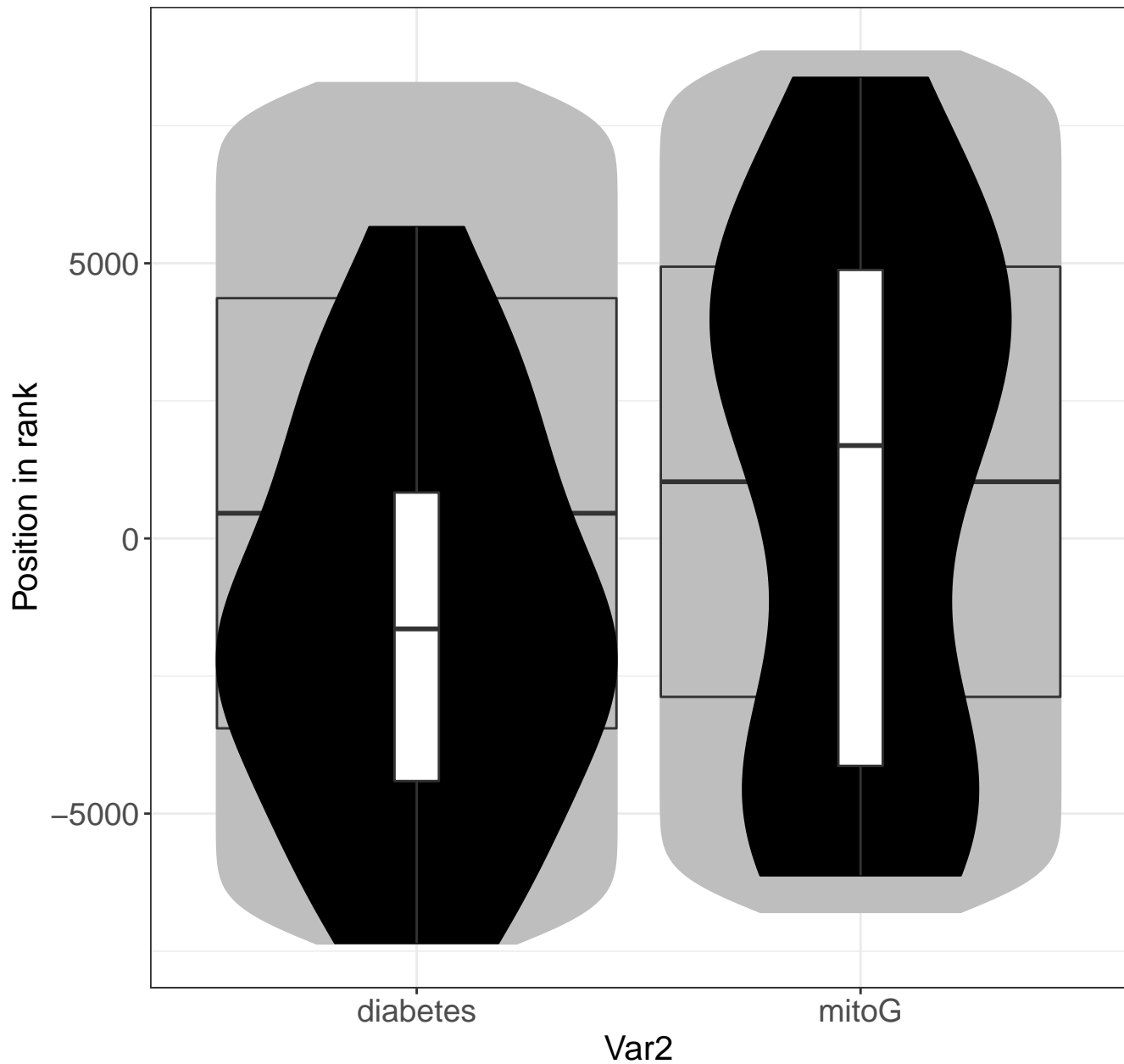
# KEGG\_TYPE\_I\_DIABETES\_MELLITUS



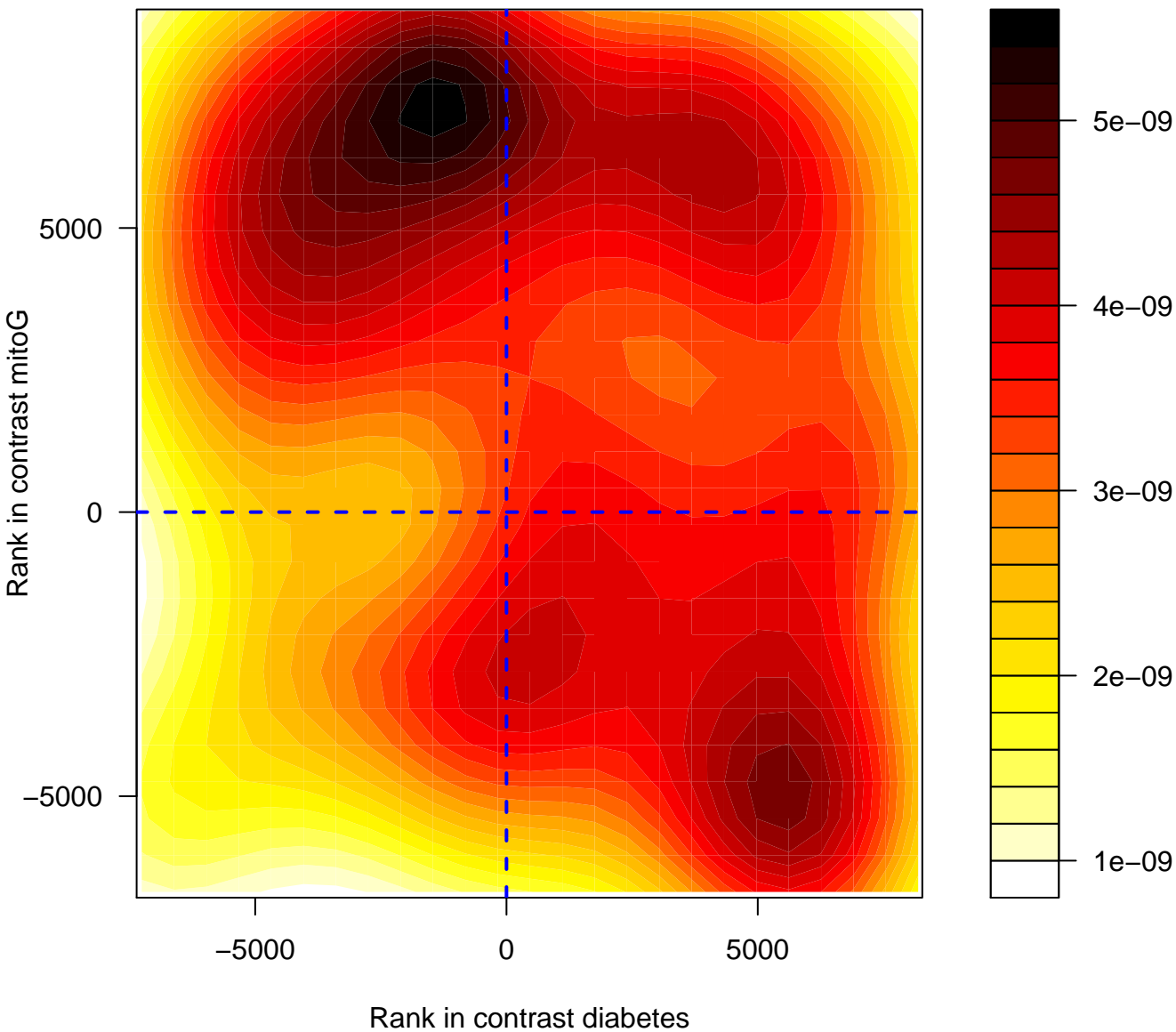
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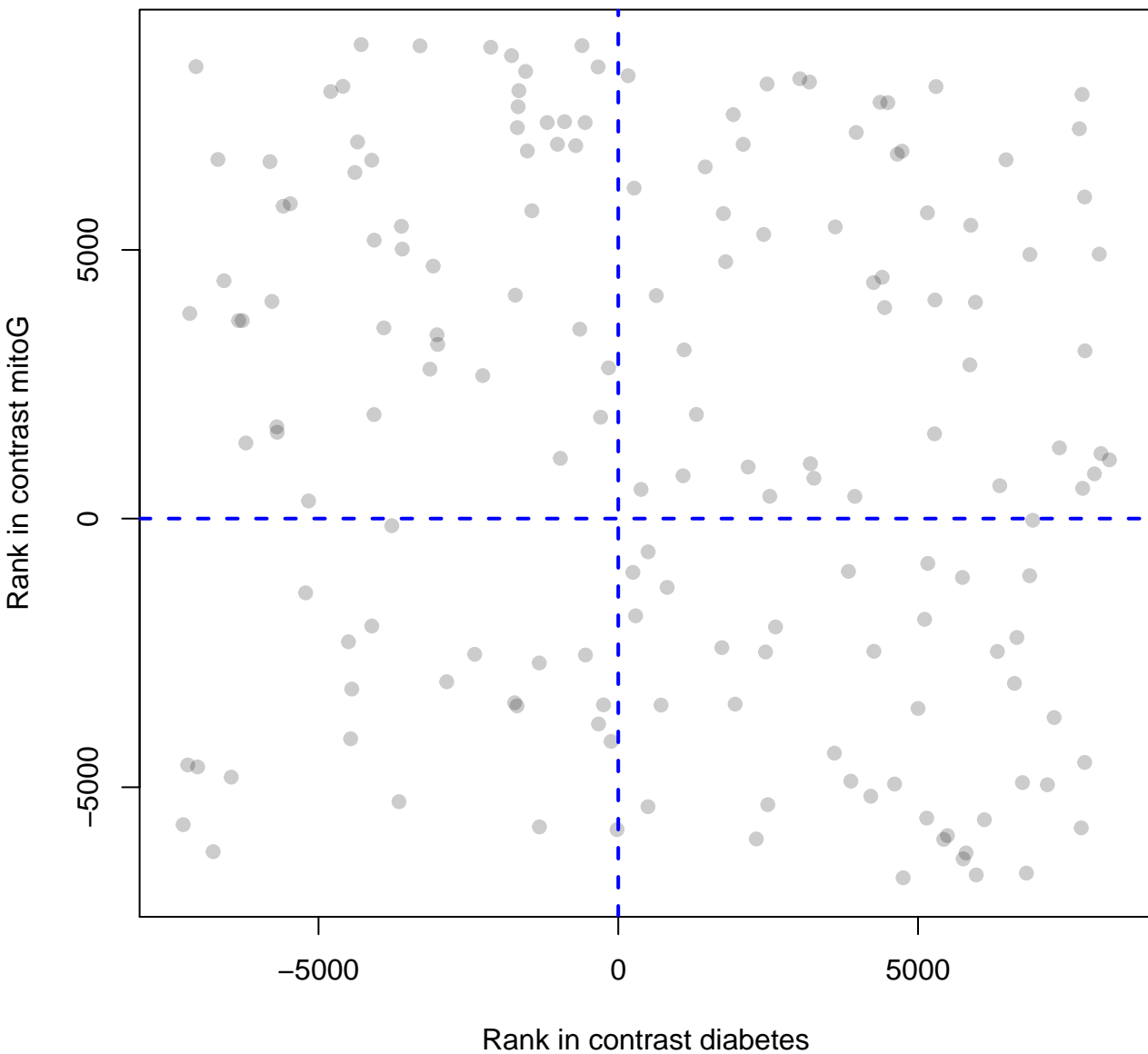
# KEGG\_TYPE\_I\_DIABETES\_MELLITUS



# E9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_1MONTH\_POST\_DX\_I

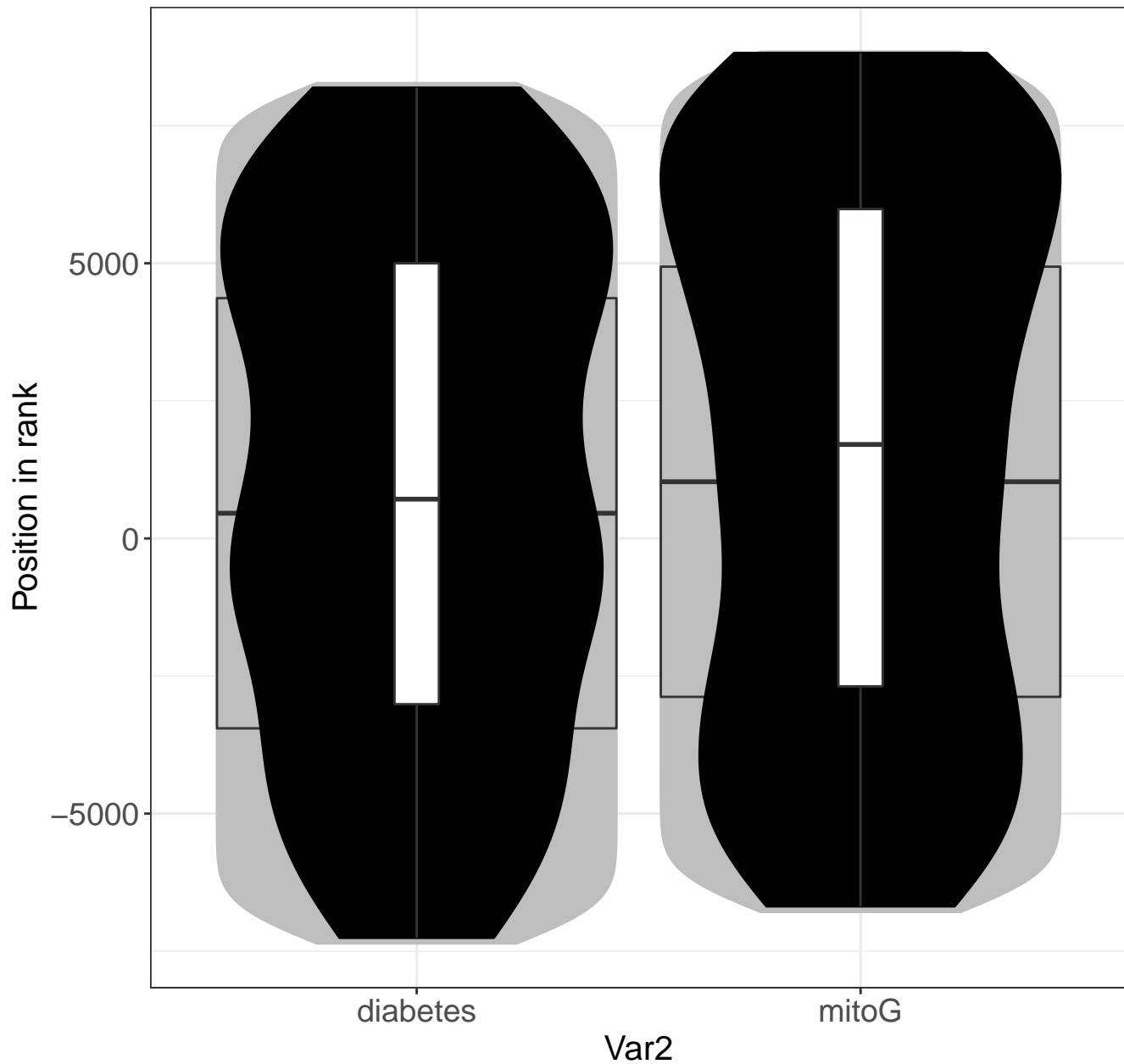


# GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_1MONTH\_POST\_DX\_PBMC\_D

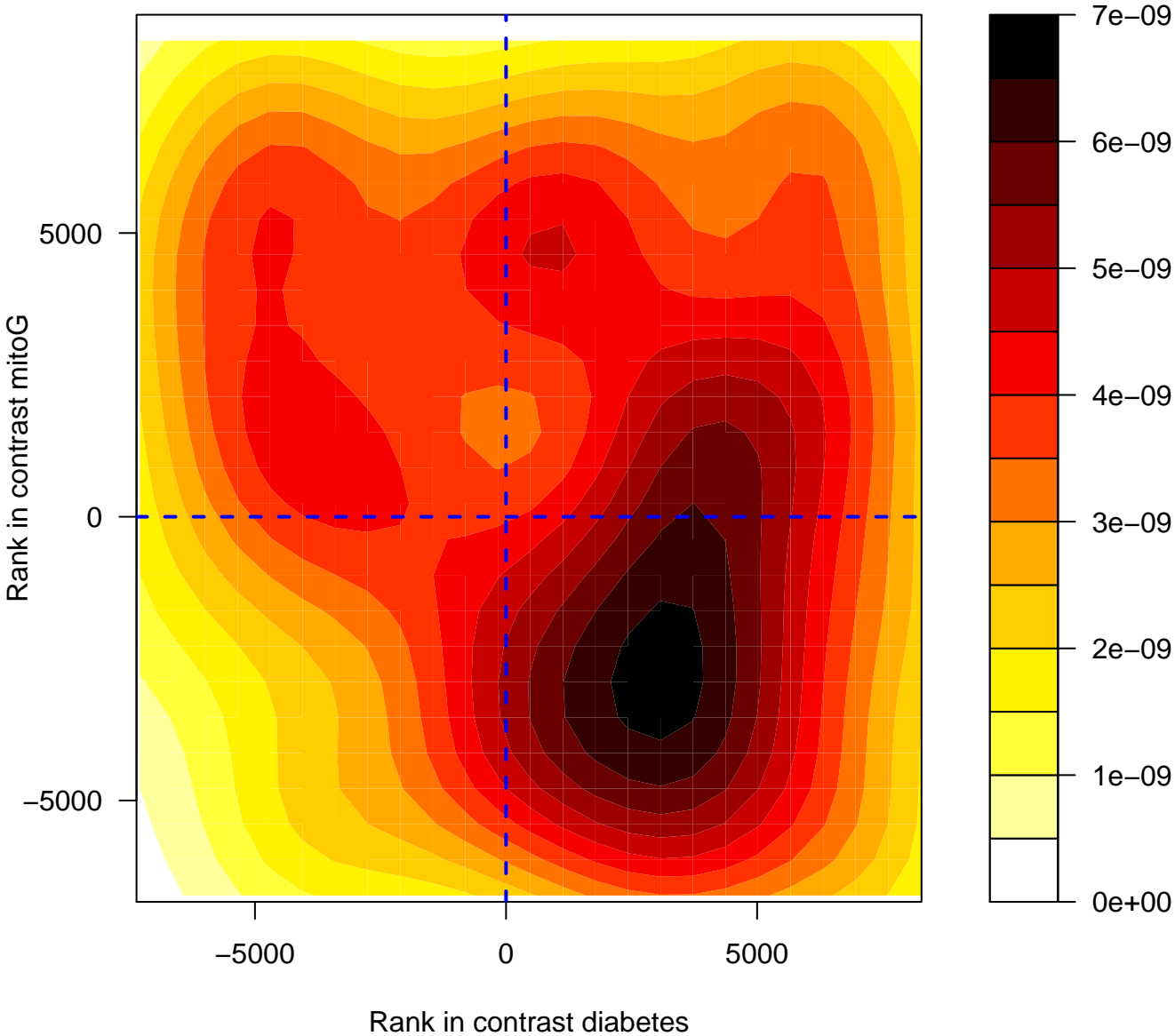




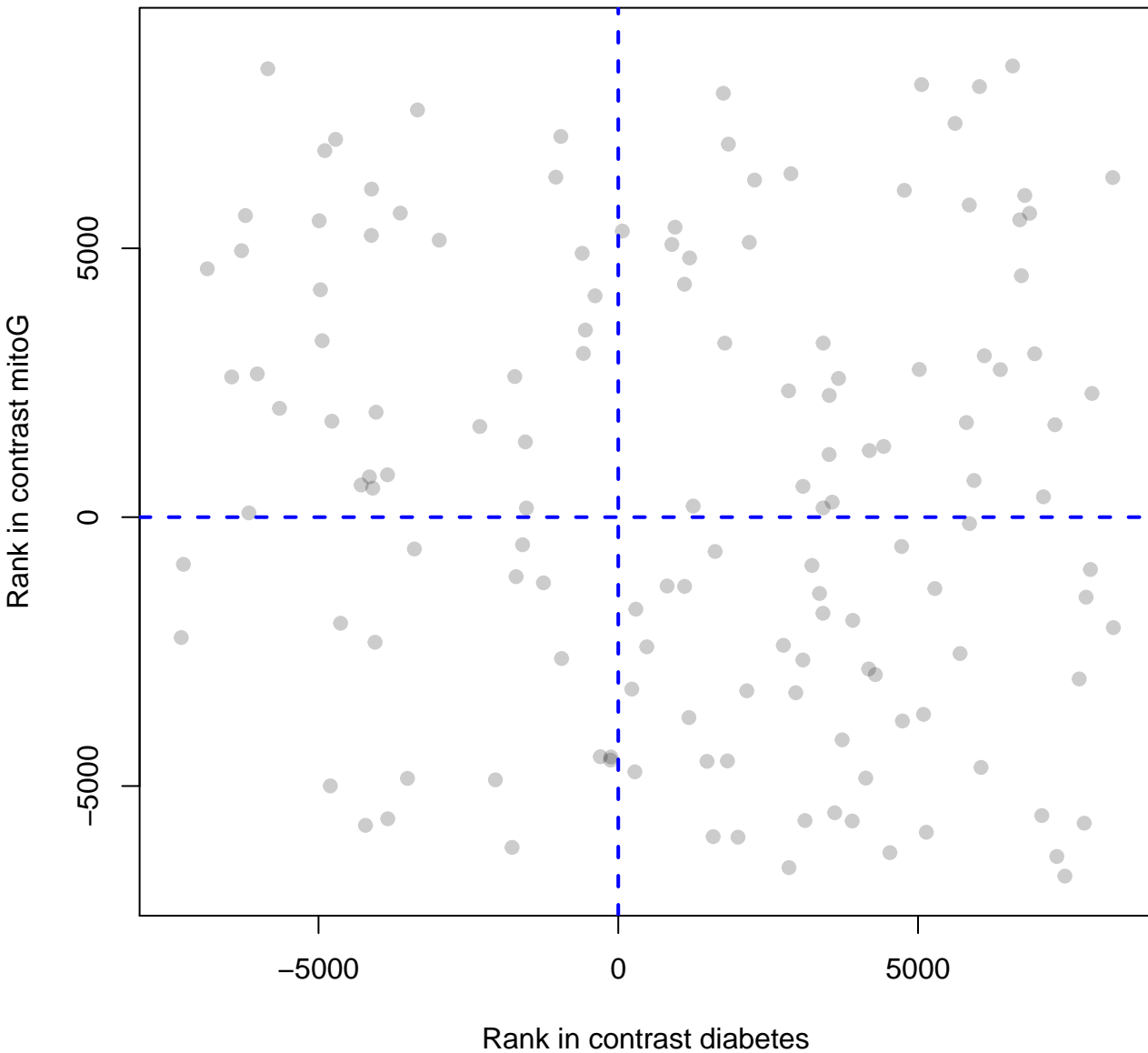
# GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_1M



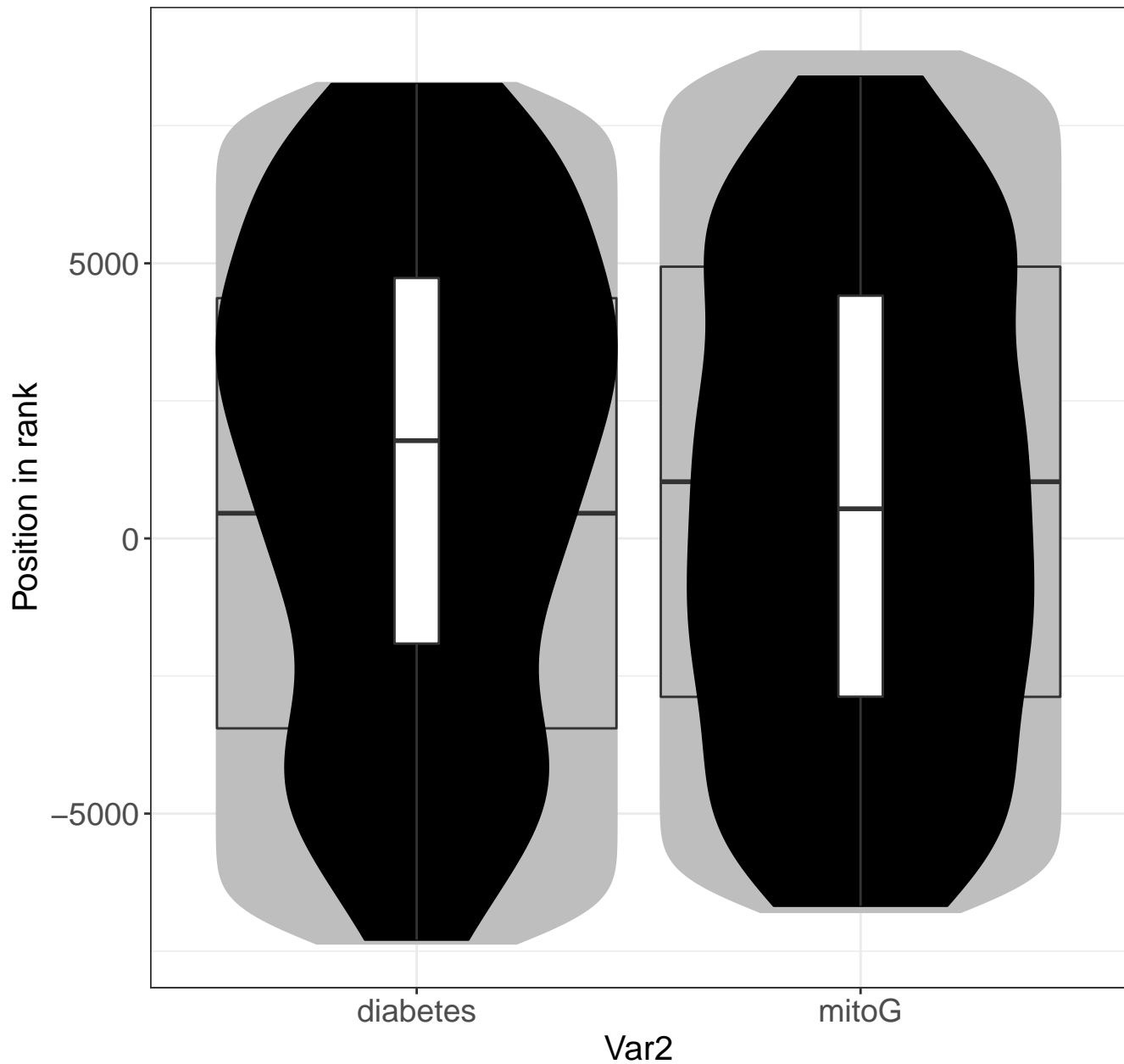
# HP\_TYPE\_II\_DIABETES\_MELLITUS



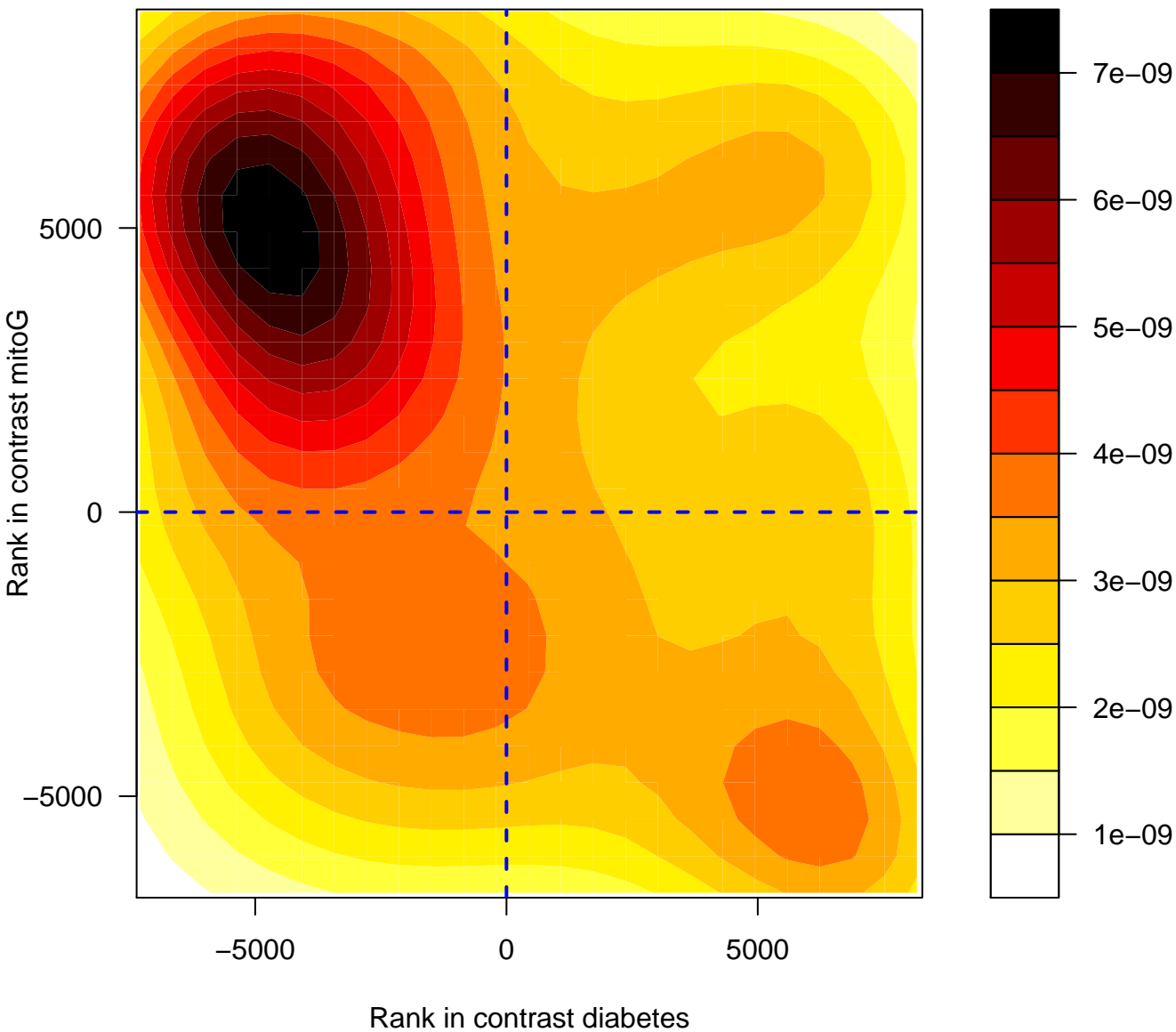
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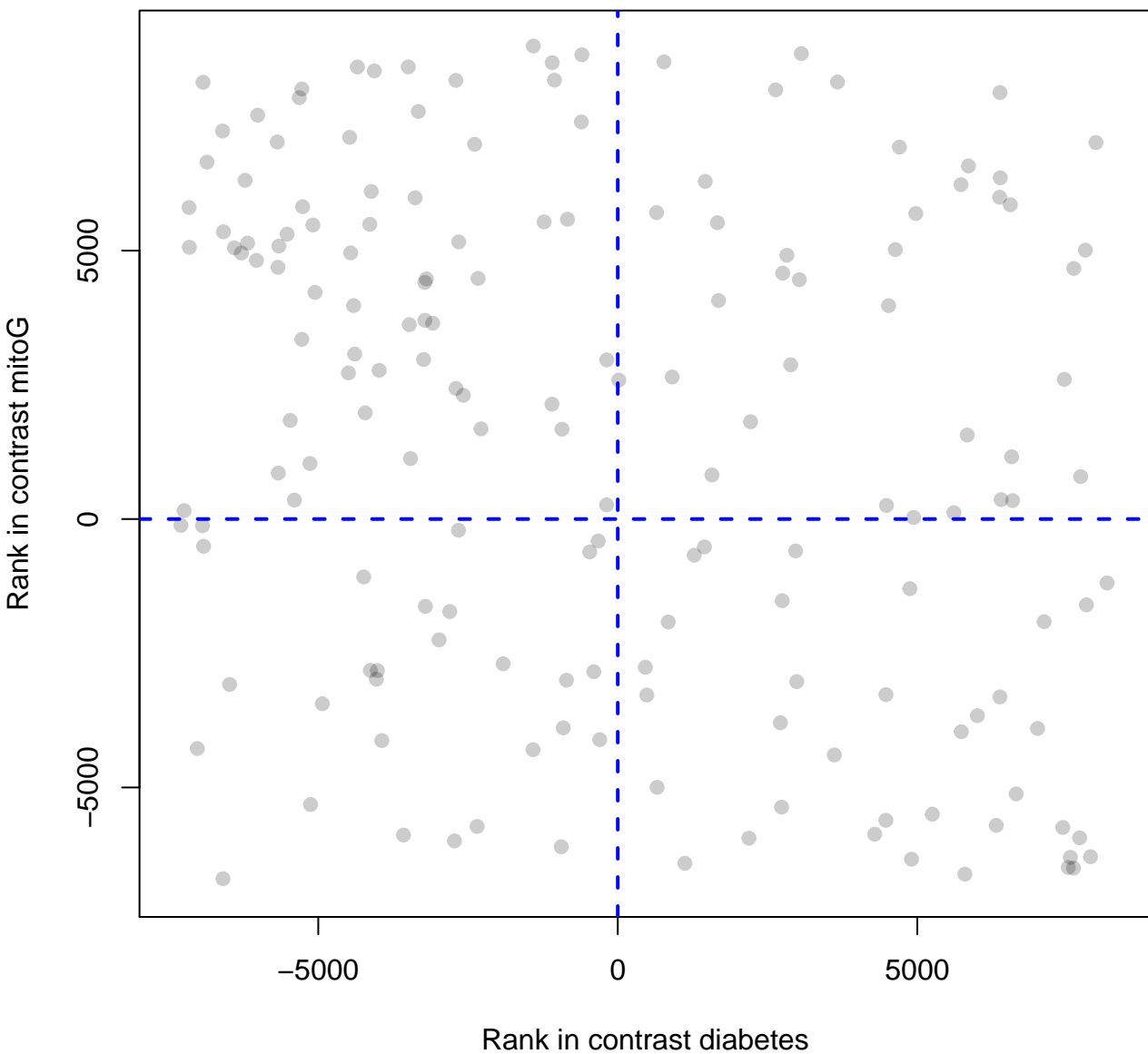
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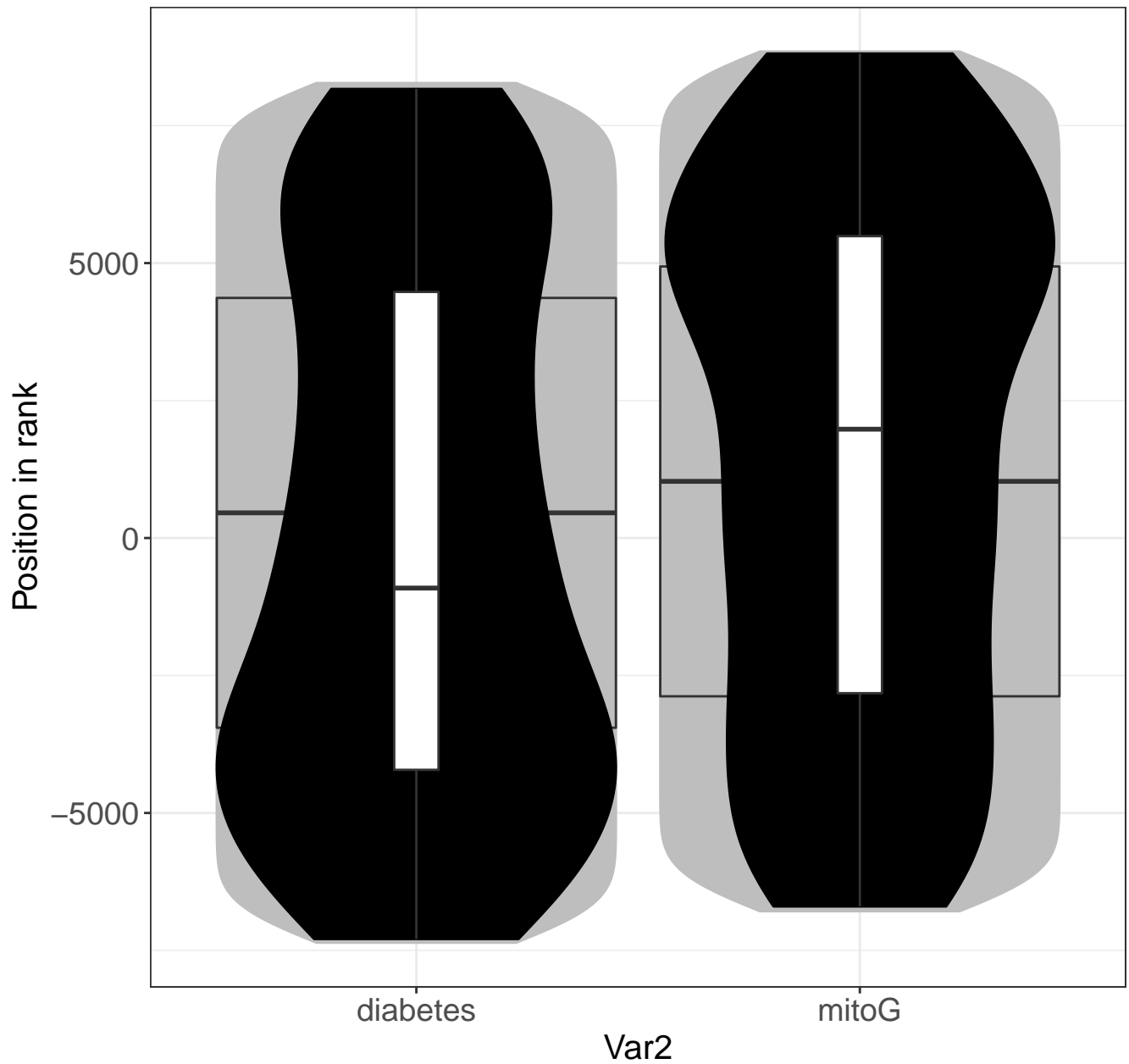
# 225\_WT\_VS\_RIP\_B7X\_DIABETIC\_MOUSE\_PANCREATIC\_CD



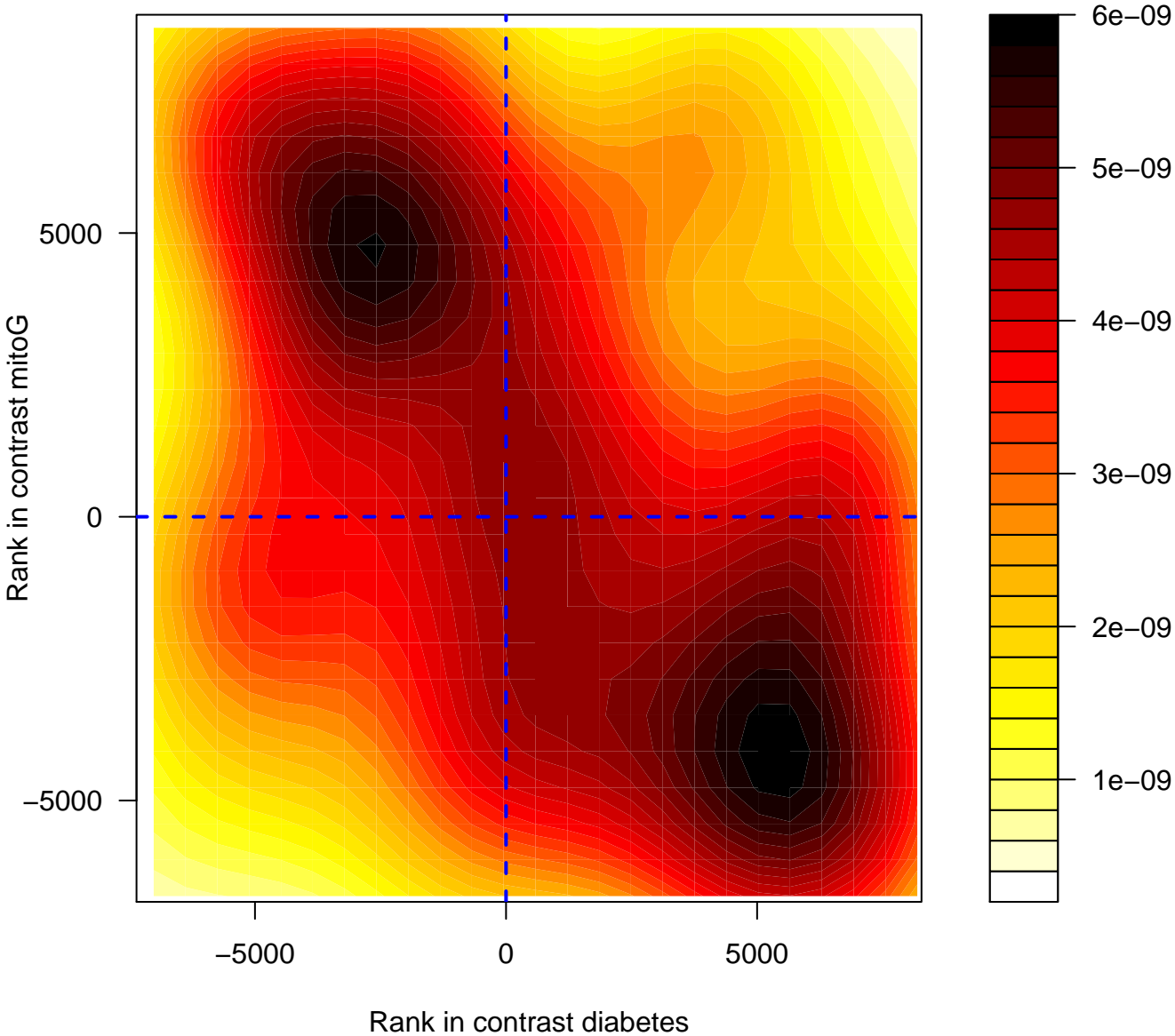
GSE40225\_WT\_VS\_RIP\_B7X\_DIABETIC\_MOUSE\_PANCREATIC\_CD8\_TCELL



# GSE40225\_WT\_VS\_RIP\_B7X\_DIABETIC\_MOUS

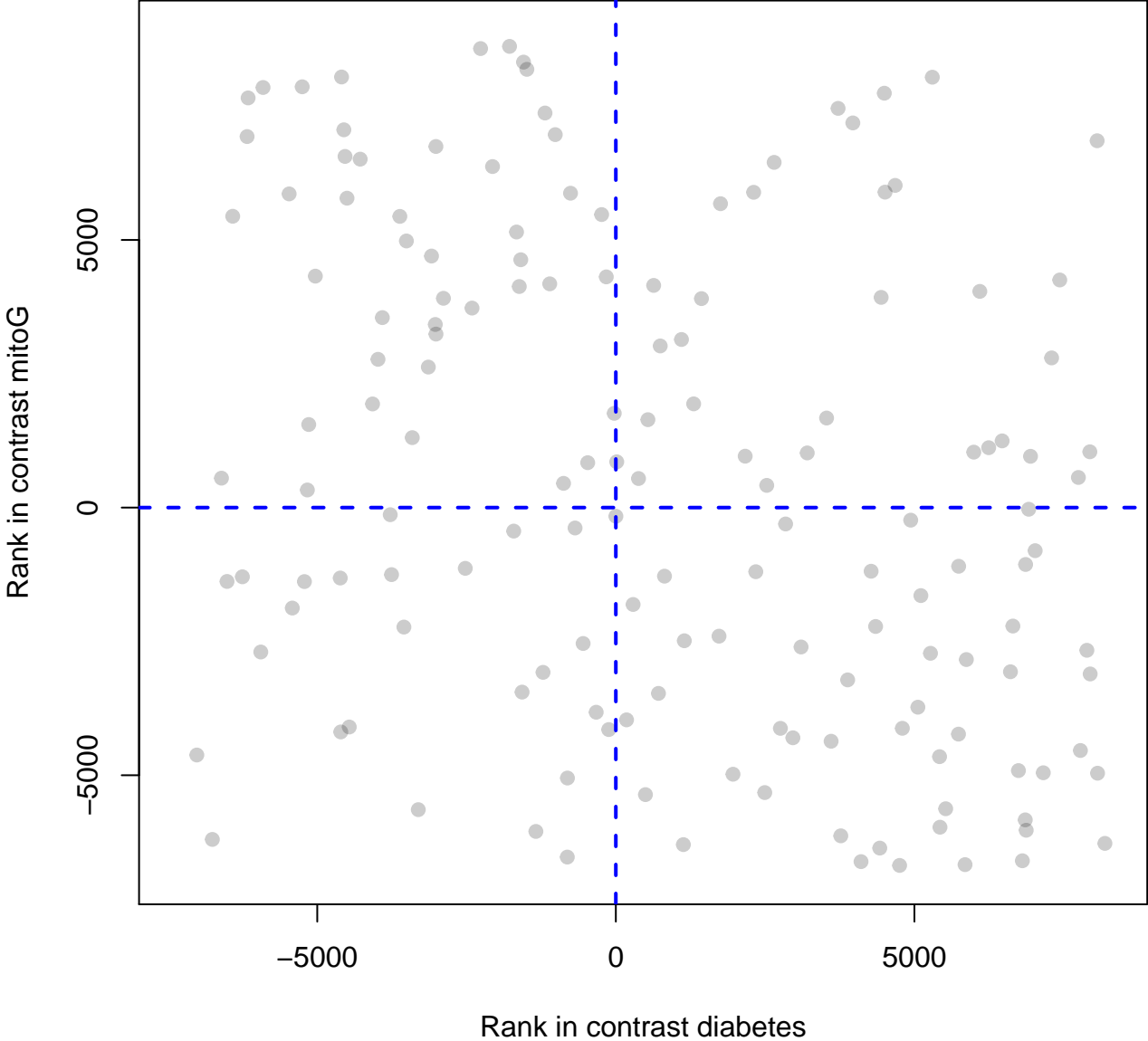


# 0006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_1MONTH\_PC

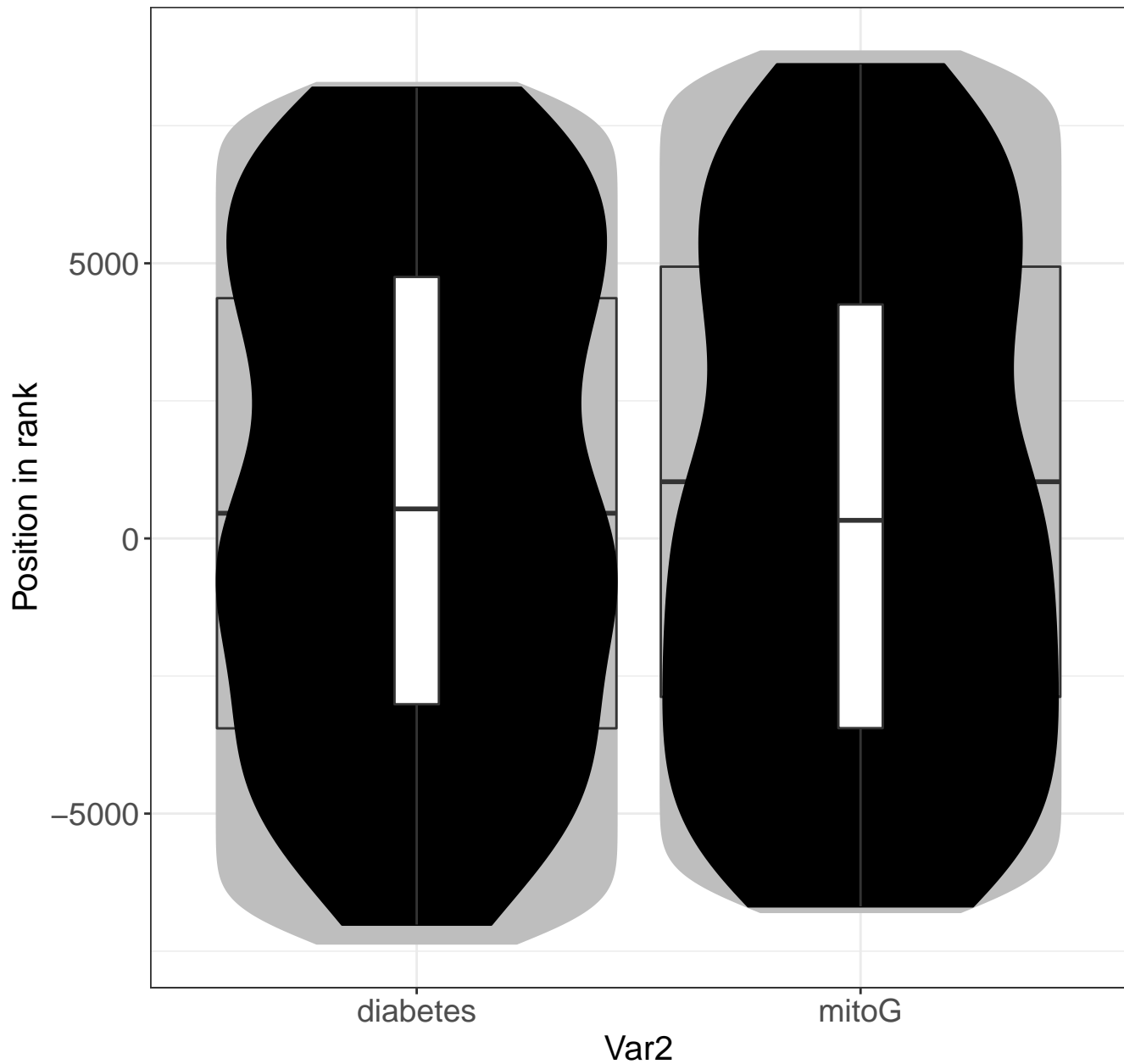




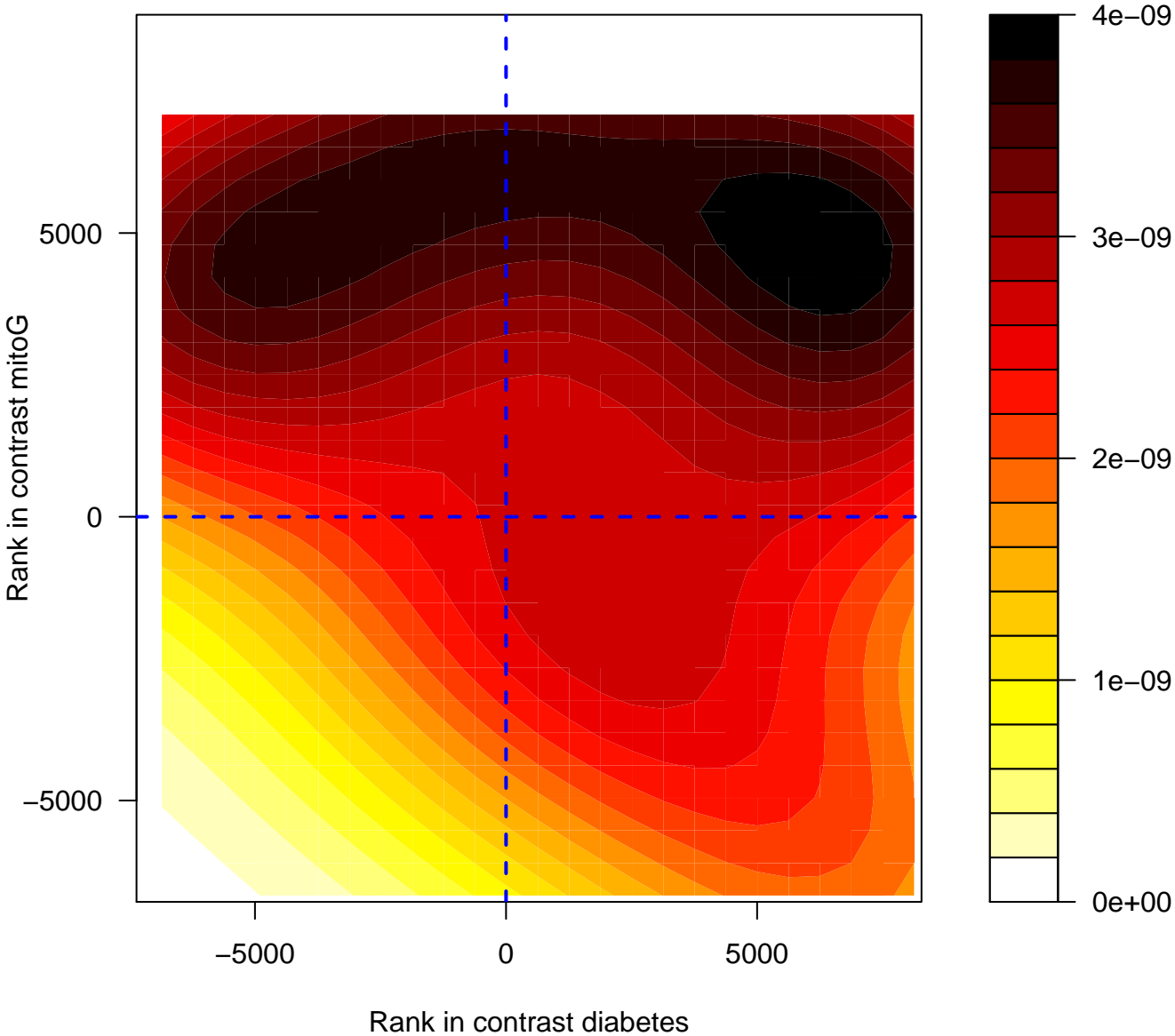
GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_1MONTH\_POST\_DX



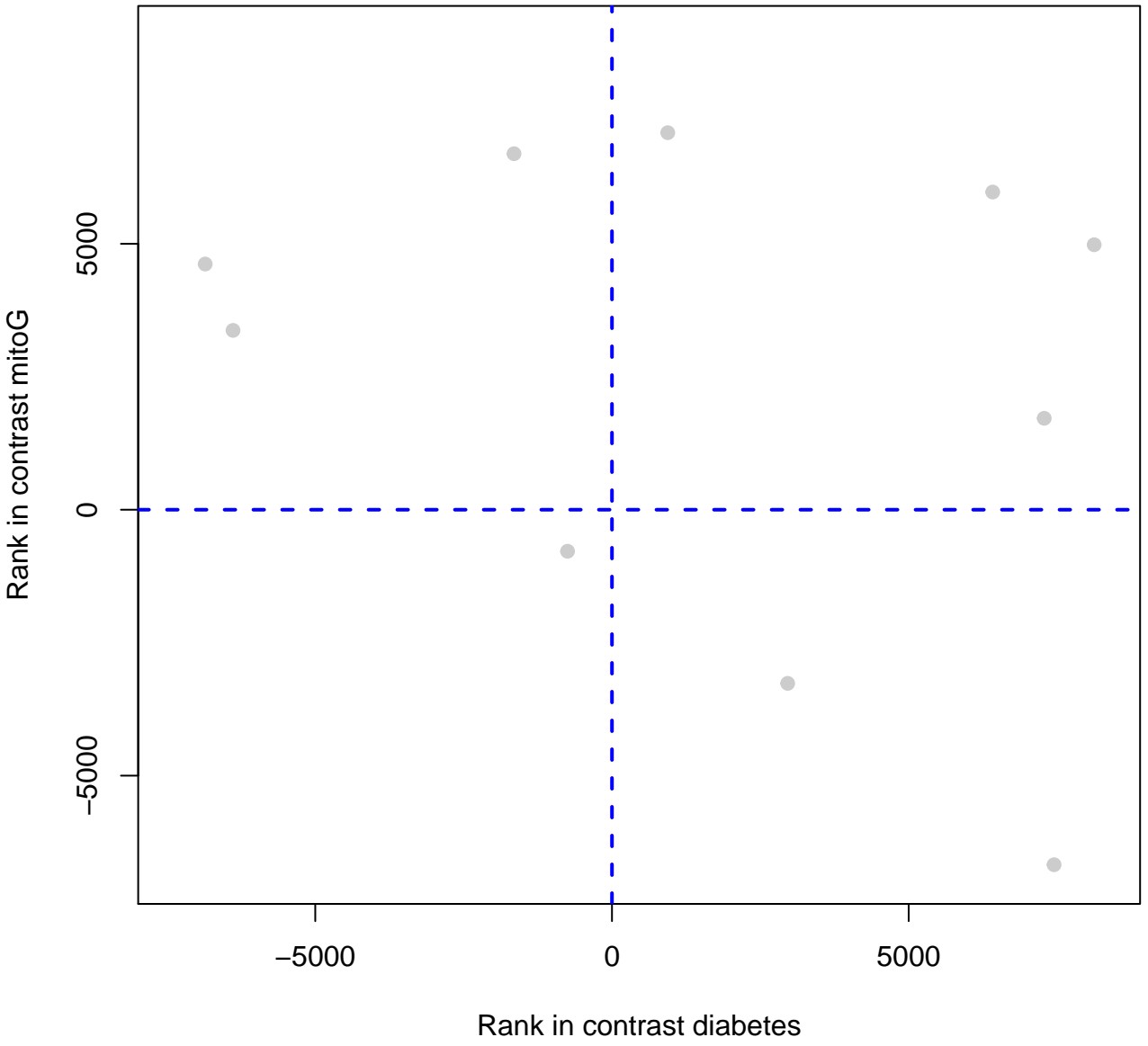
# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_F



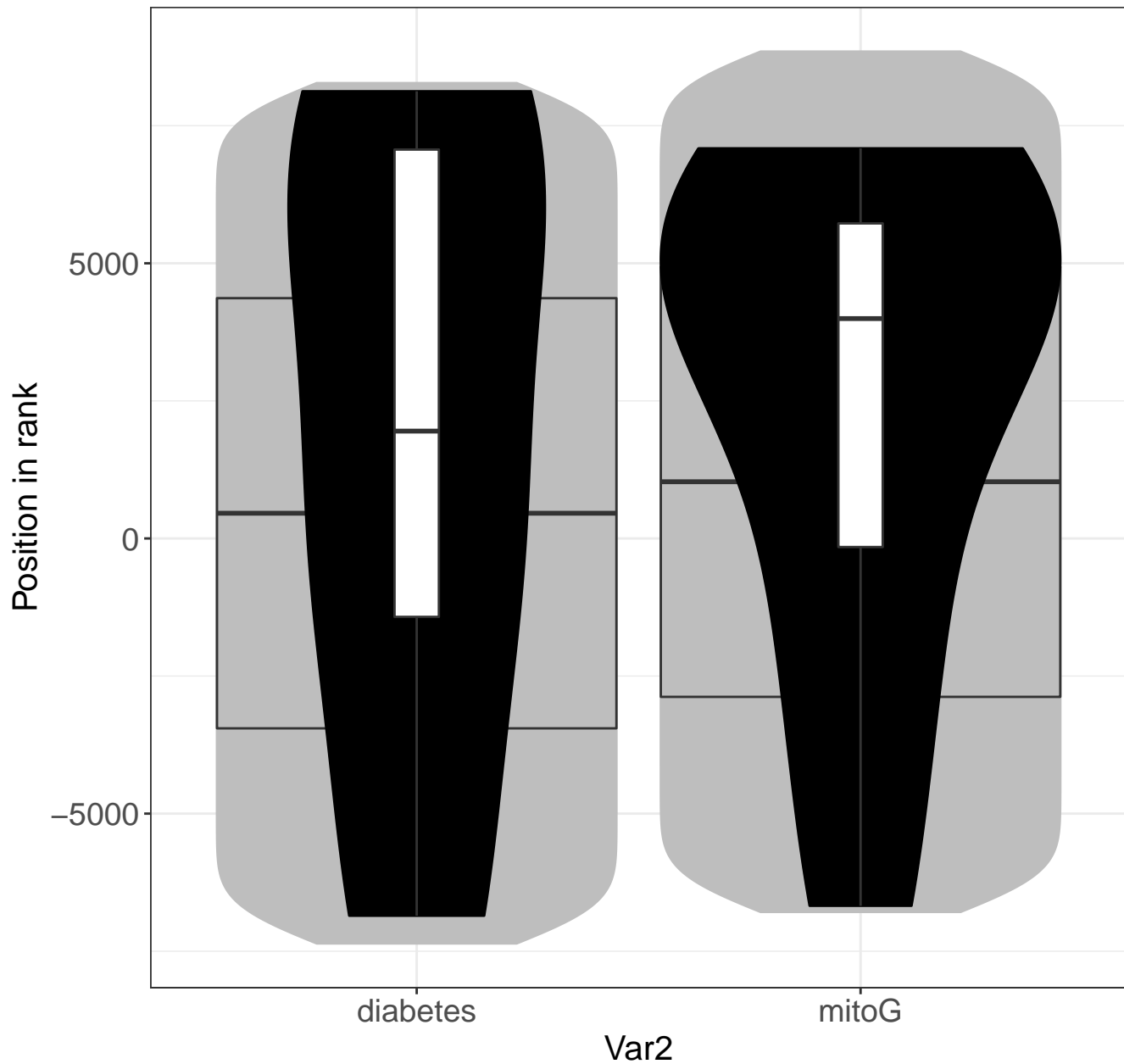
# HP\_NEONATAL\_INSULIN\_DEPENDENT\_DIABETES\_MELLI



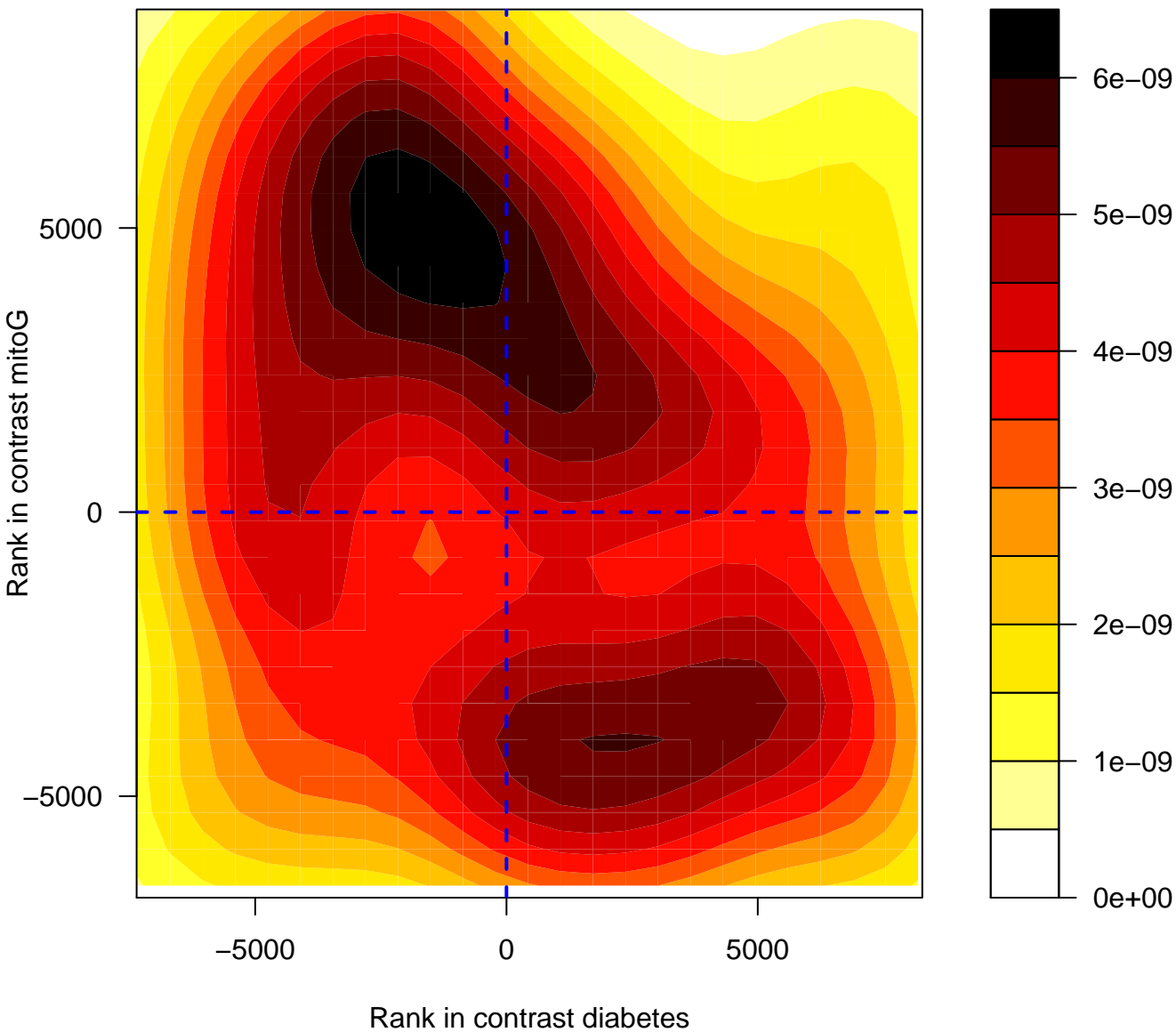
# HP\_NEONATAL\_INSULIN\_DEPENDENT\_DIABETES\_MELLITUS



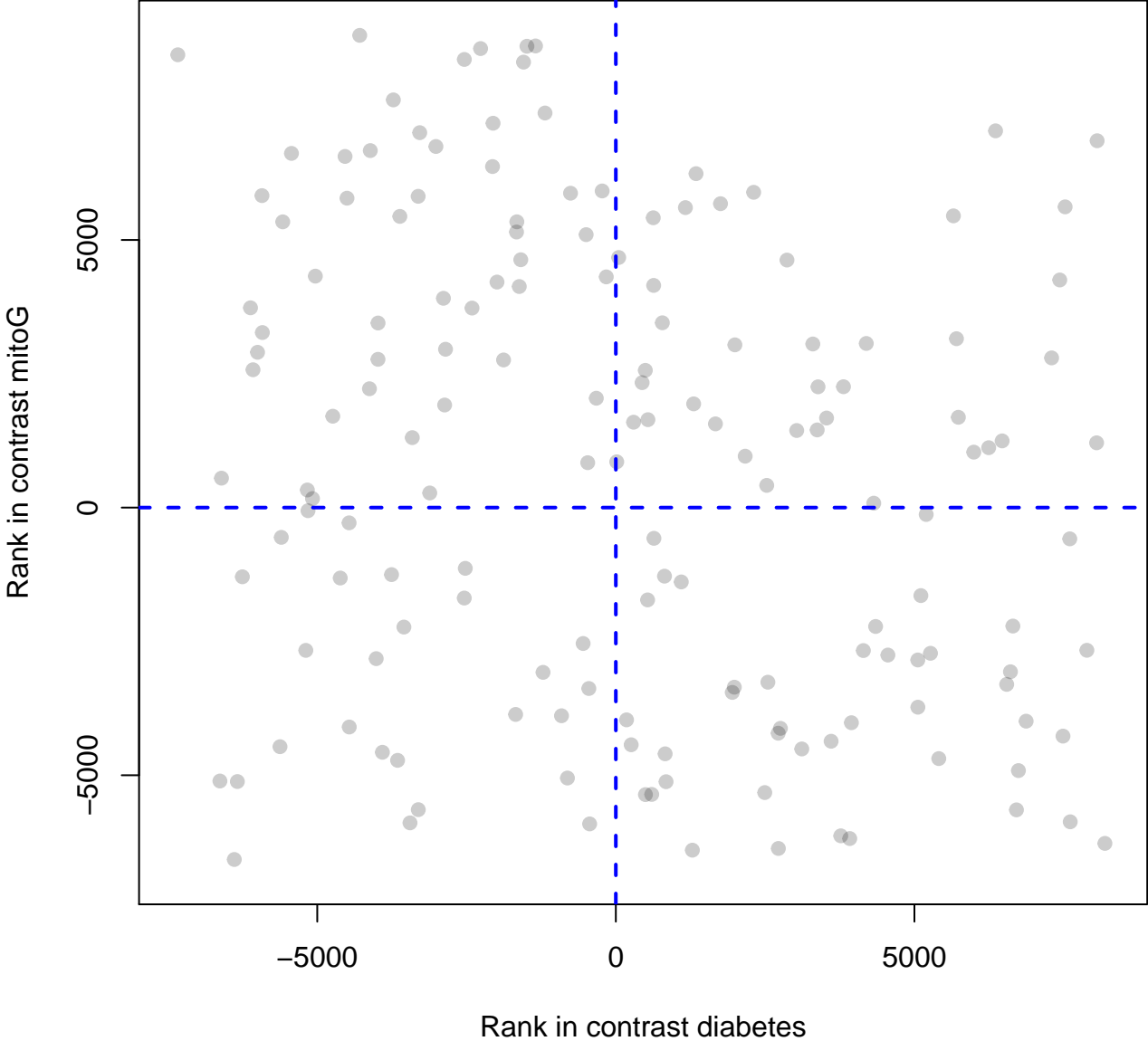
# HP\_NEONATAL\_INSULIN\_DEPENDENT\_DIABE



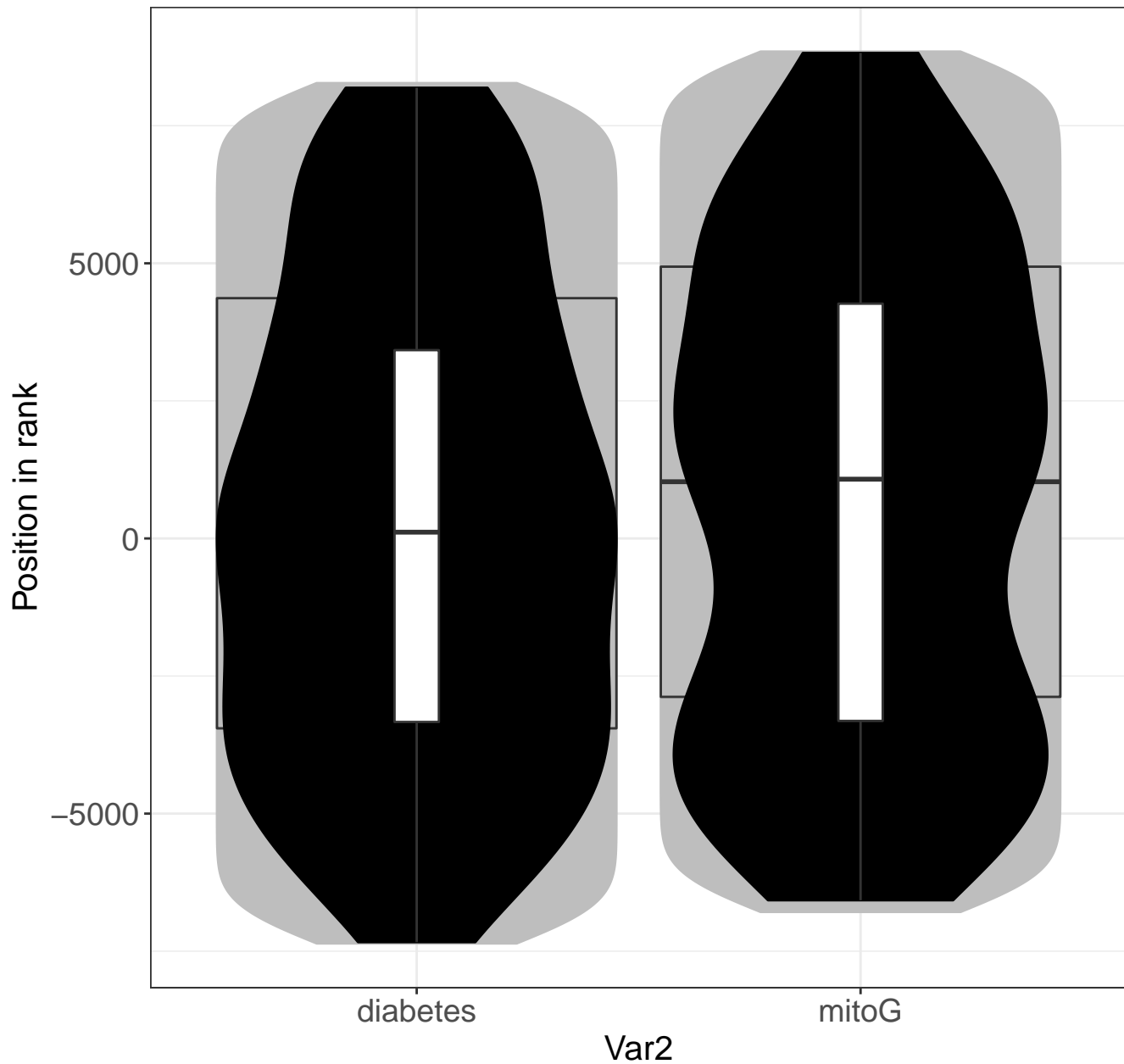
# 0006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_4MONTH\_PC



GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_4MONTH\_POST\_DX

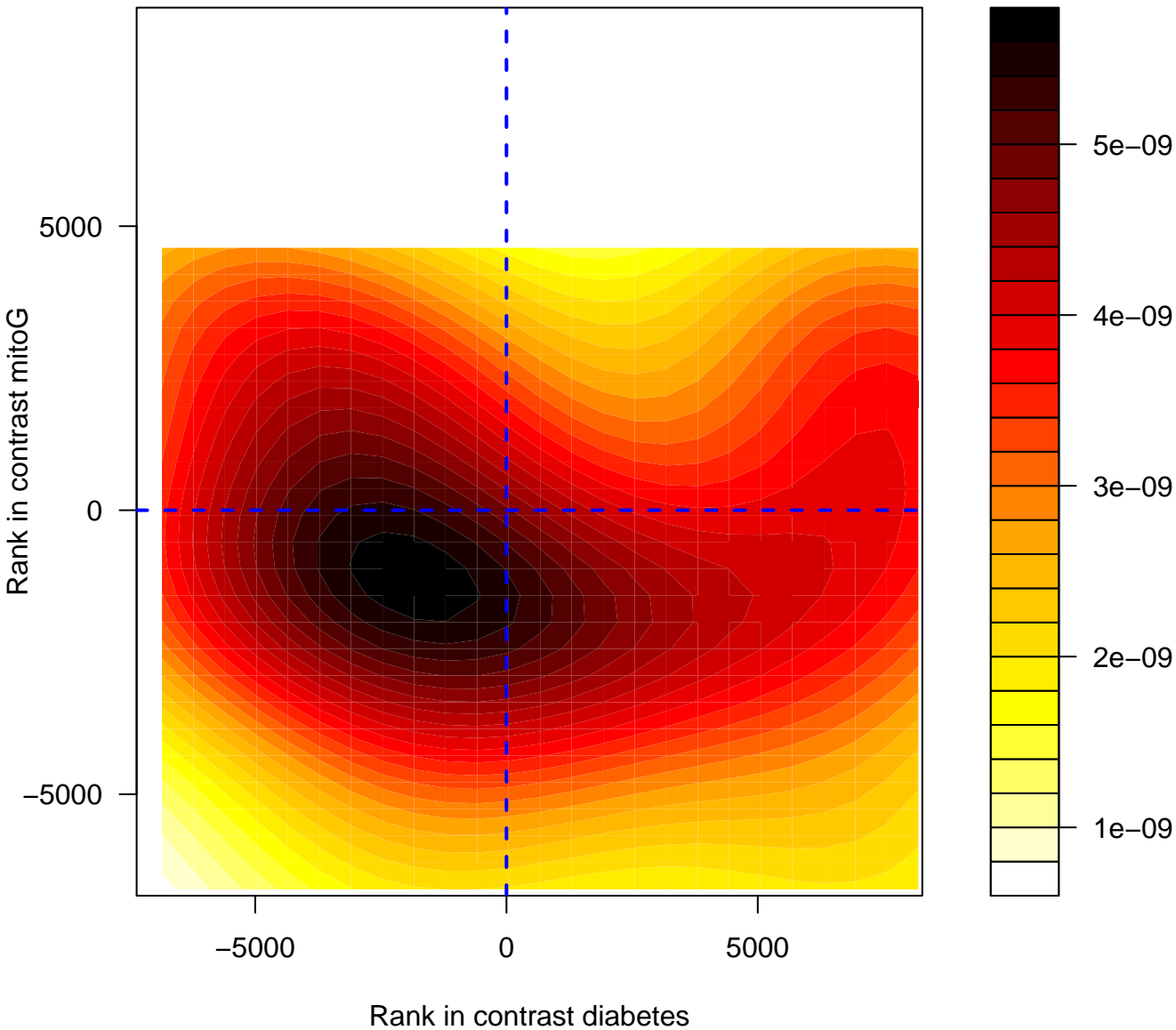


# GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_P

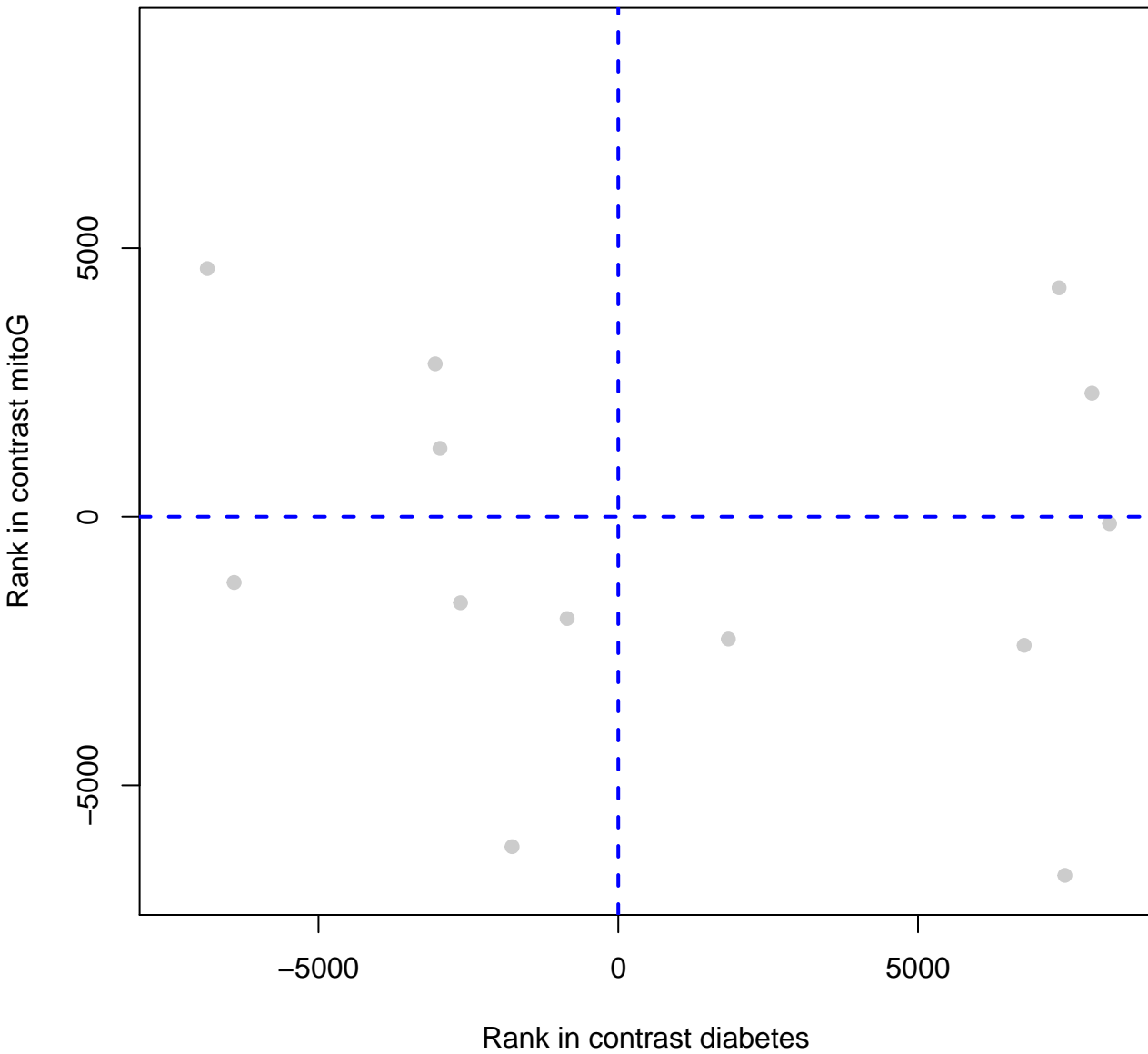




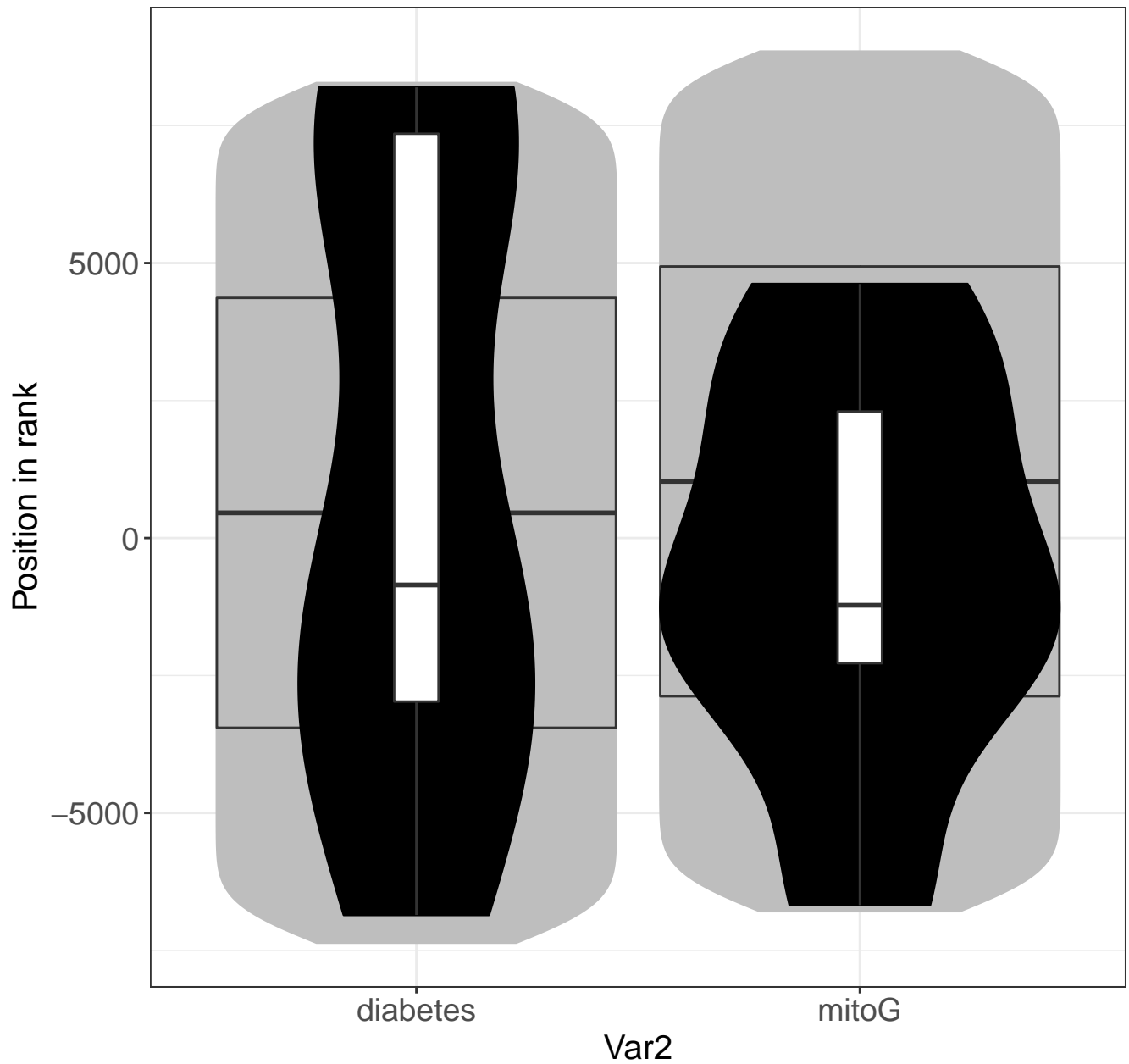
# KEGG\_MATURITY\_ONSET\_DIABETES\_OF\_THE\_YOUNG



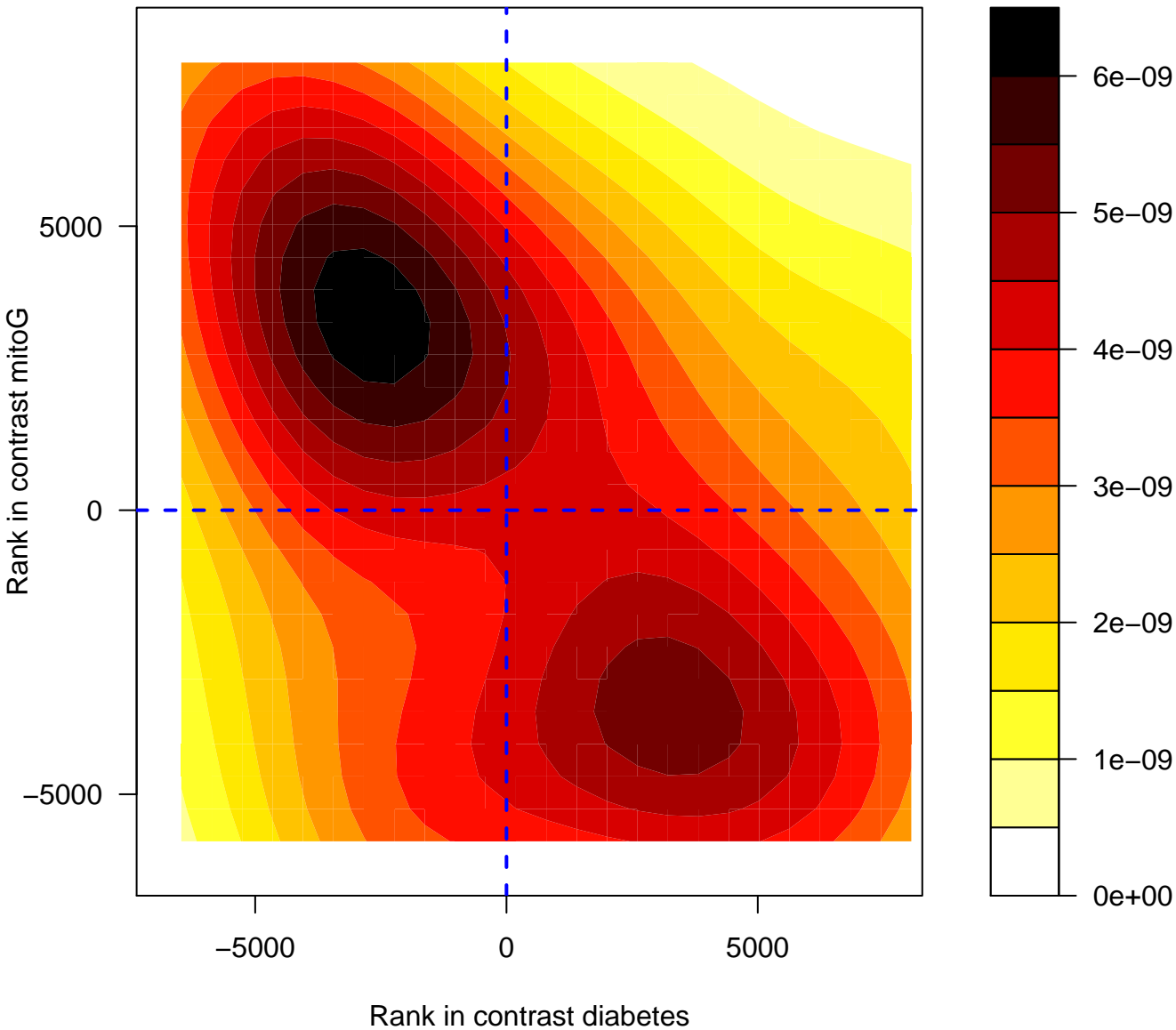
# KEGG\_MATURITY\_ONSET\_DIABETES\_OF\_THE\_YOUNG



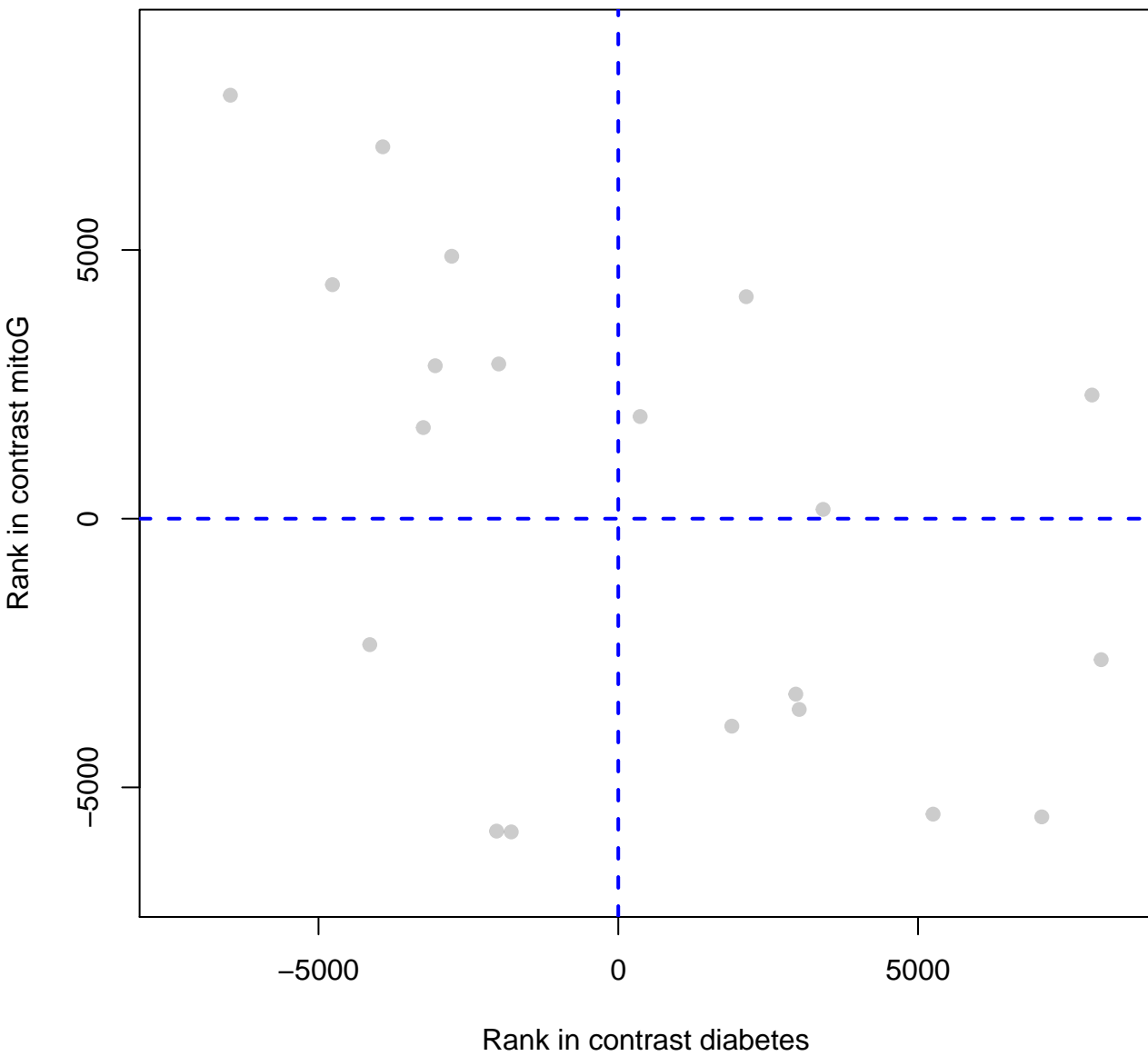
# KEGG\_MATURITY\_ONSET\_DIABETES\_OF\_TH



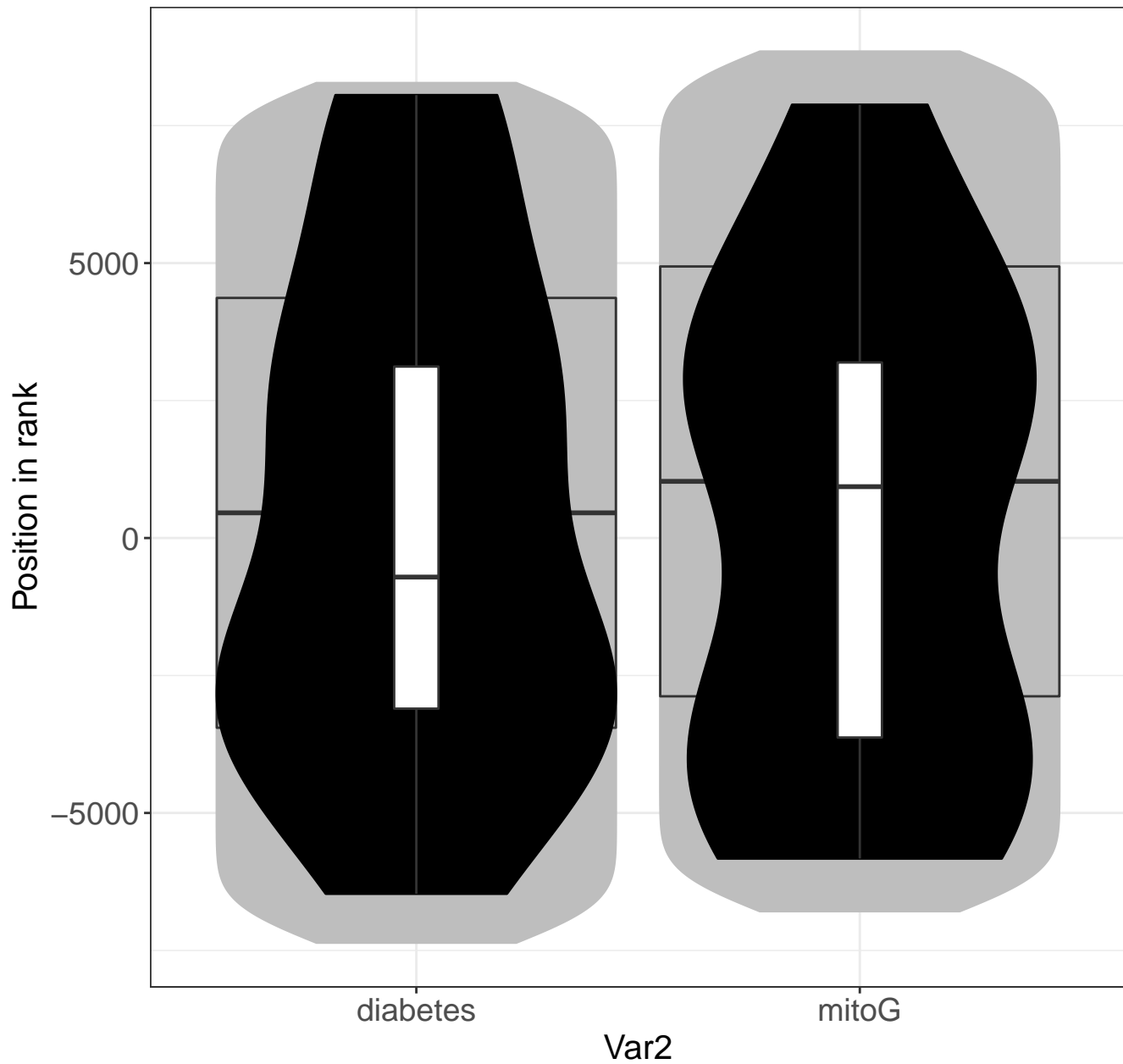
# WP\_TYPE\_II\_DIABETES\_MELLITUS



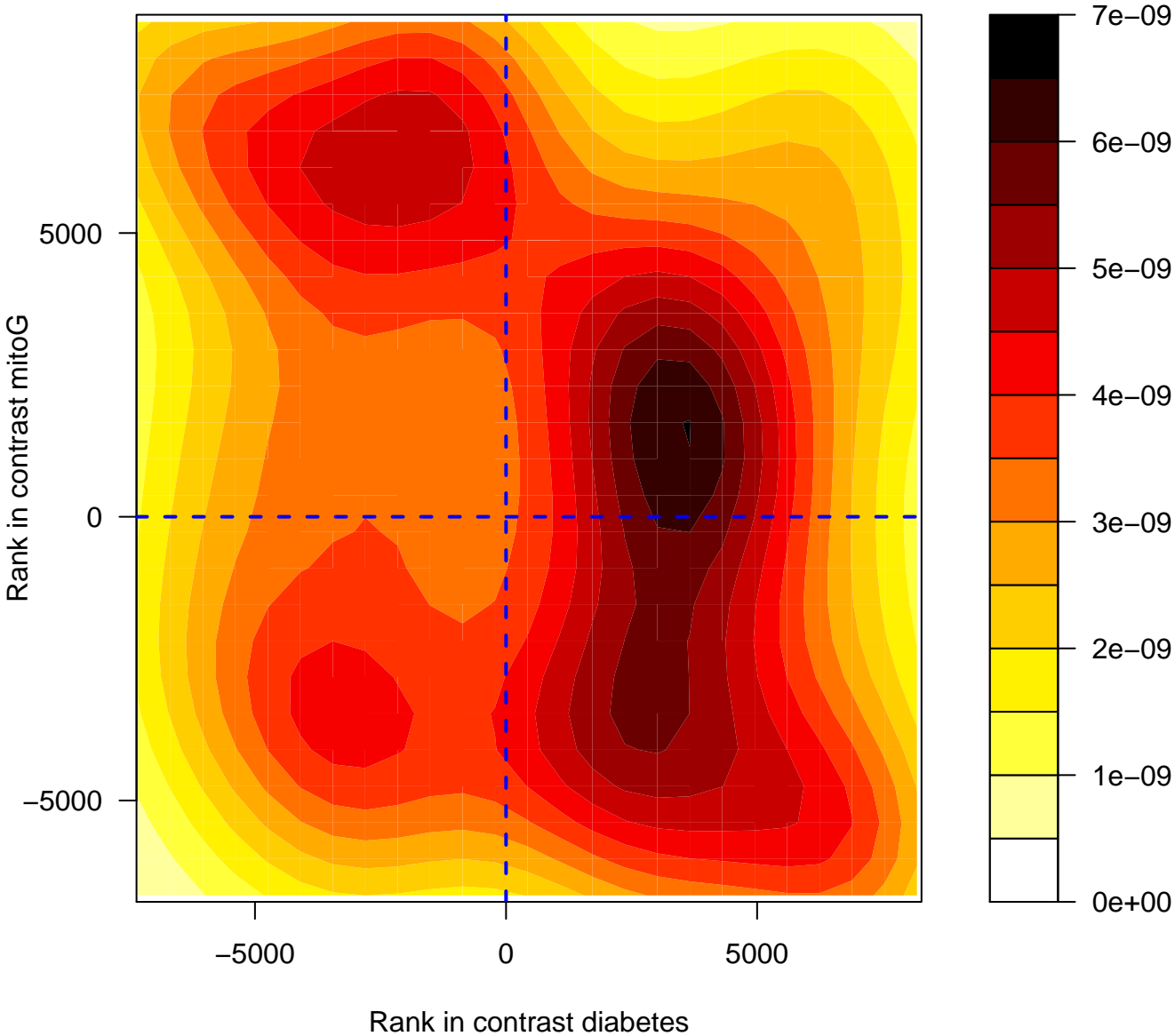
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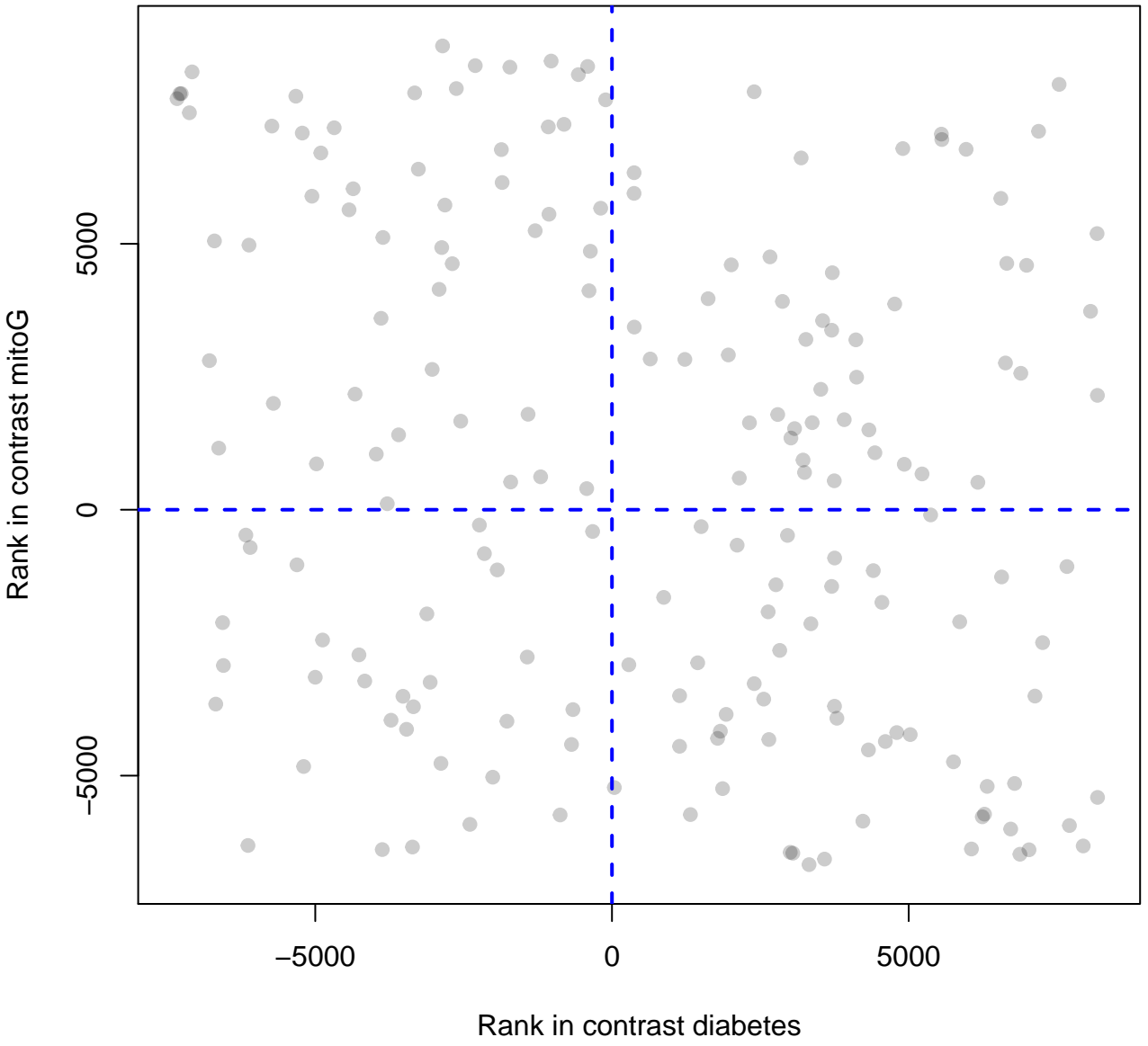
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# GSE9006\_HEALTHY\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_D

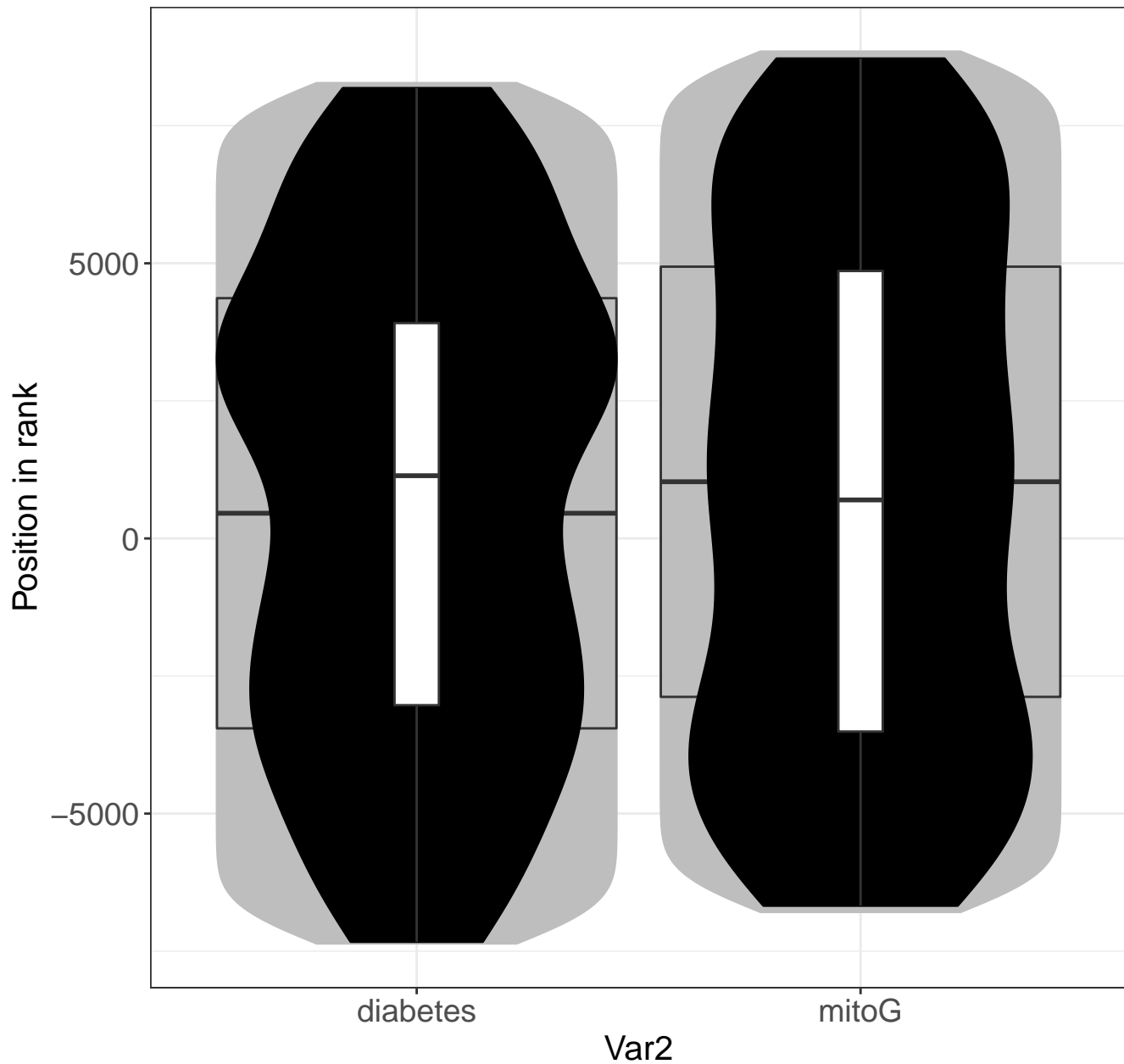


# GSE9006\_HEALTHY\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX\_UP

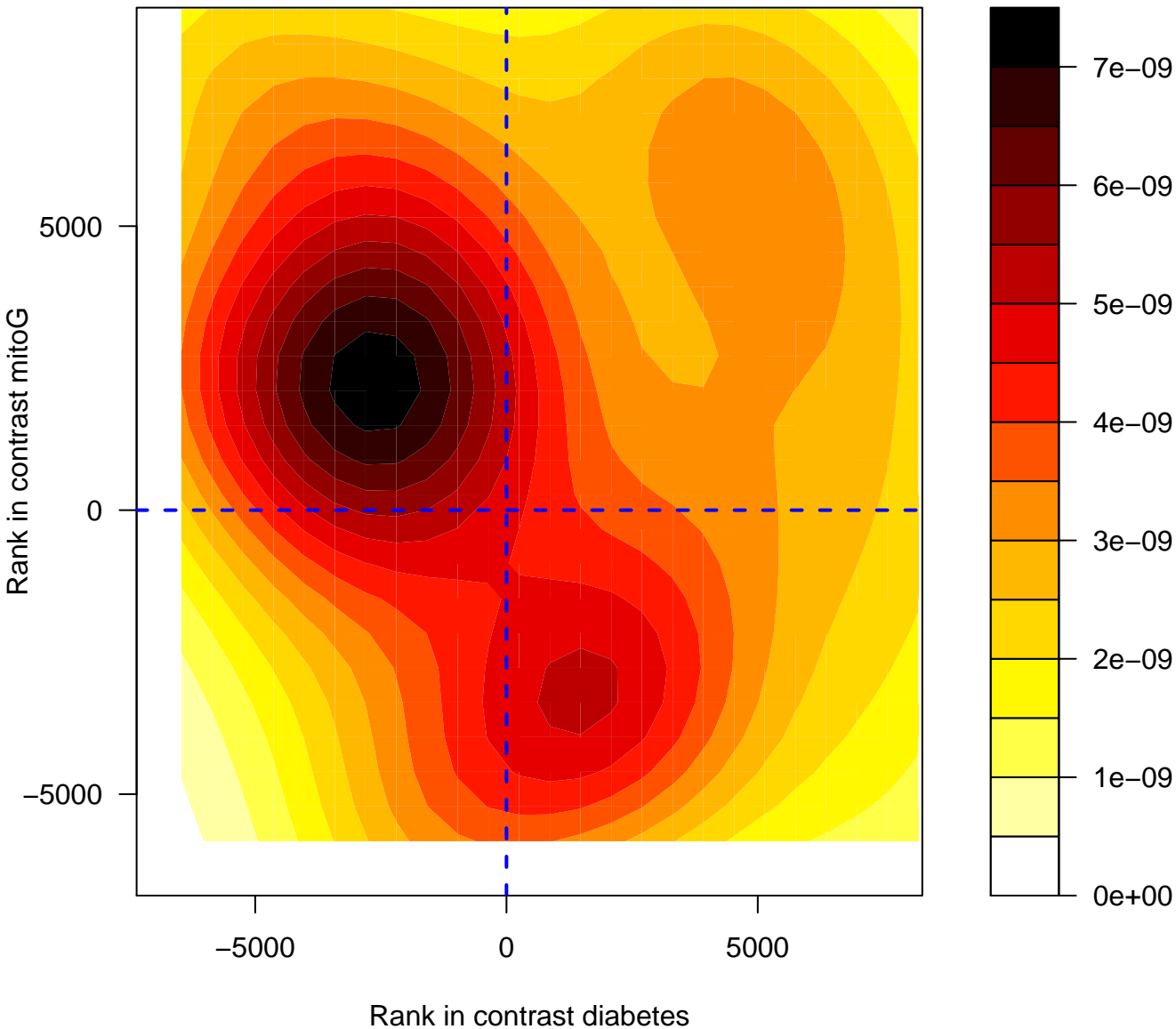




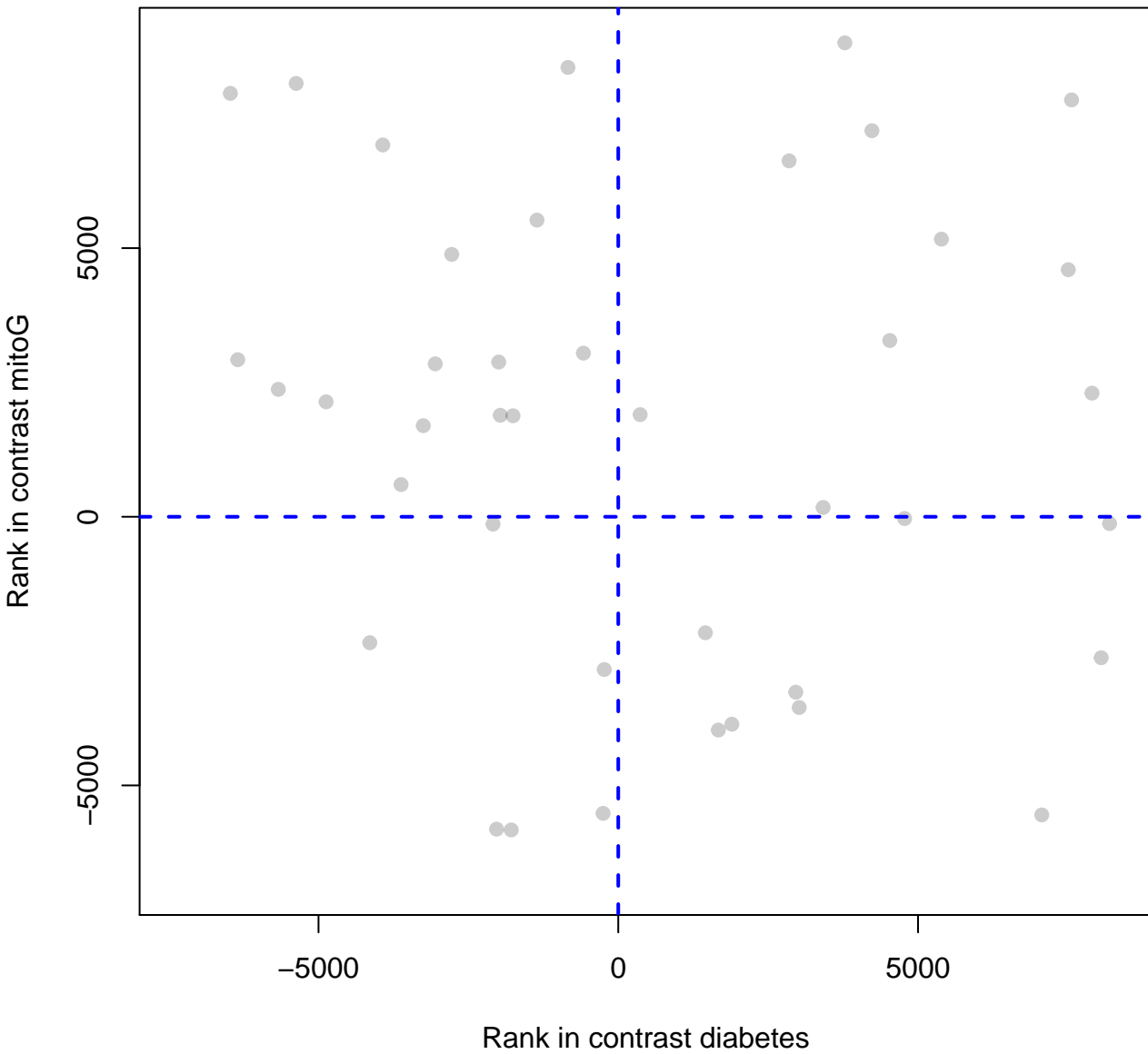
# GSE9006\_HEALTHY\_VS\_TYPE\_2\_DIABETES\_F



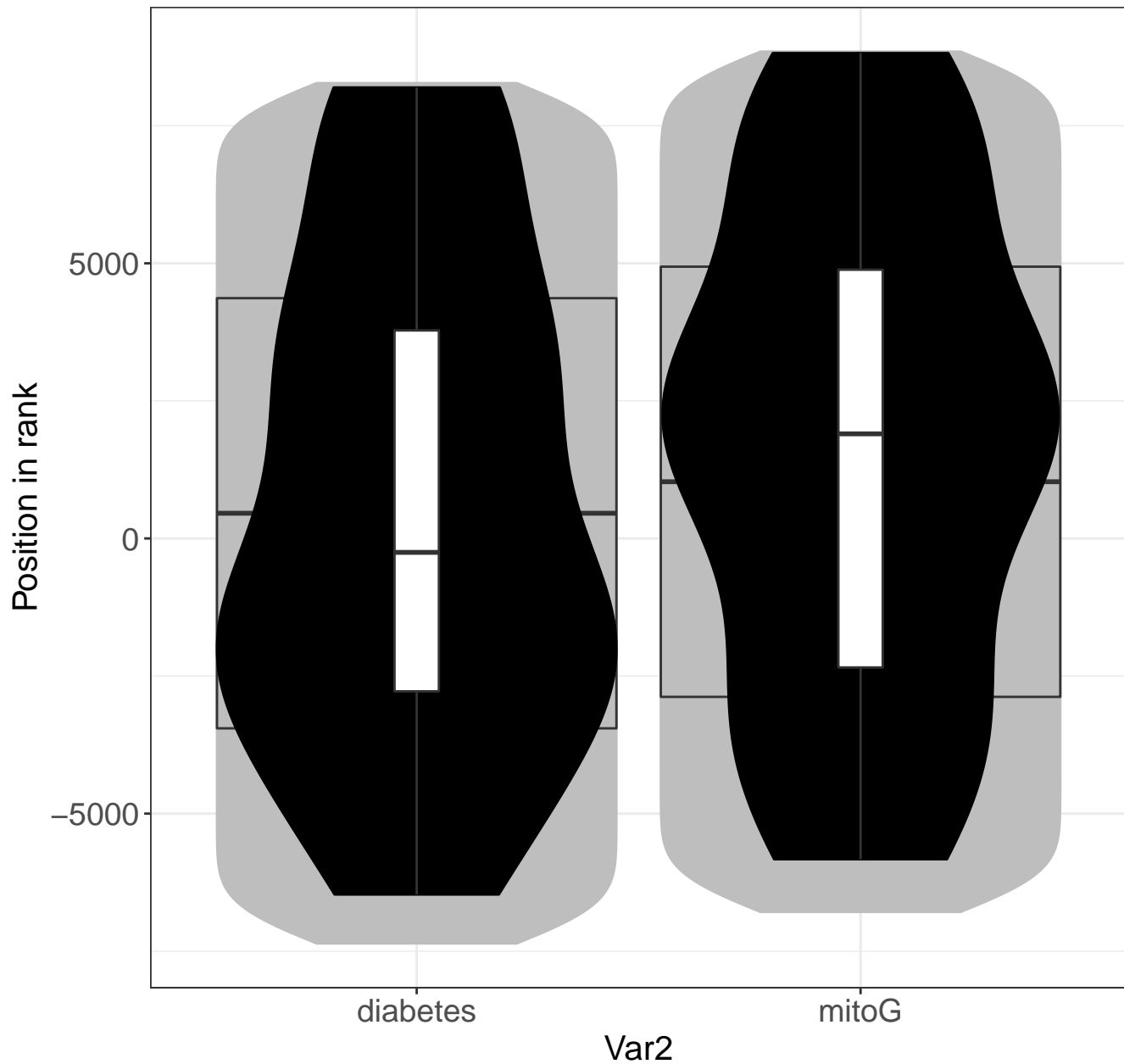
# KEGG\_TYPE\_II\_DIABETES\_MELLITUS



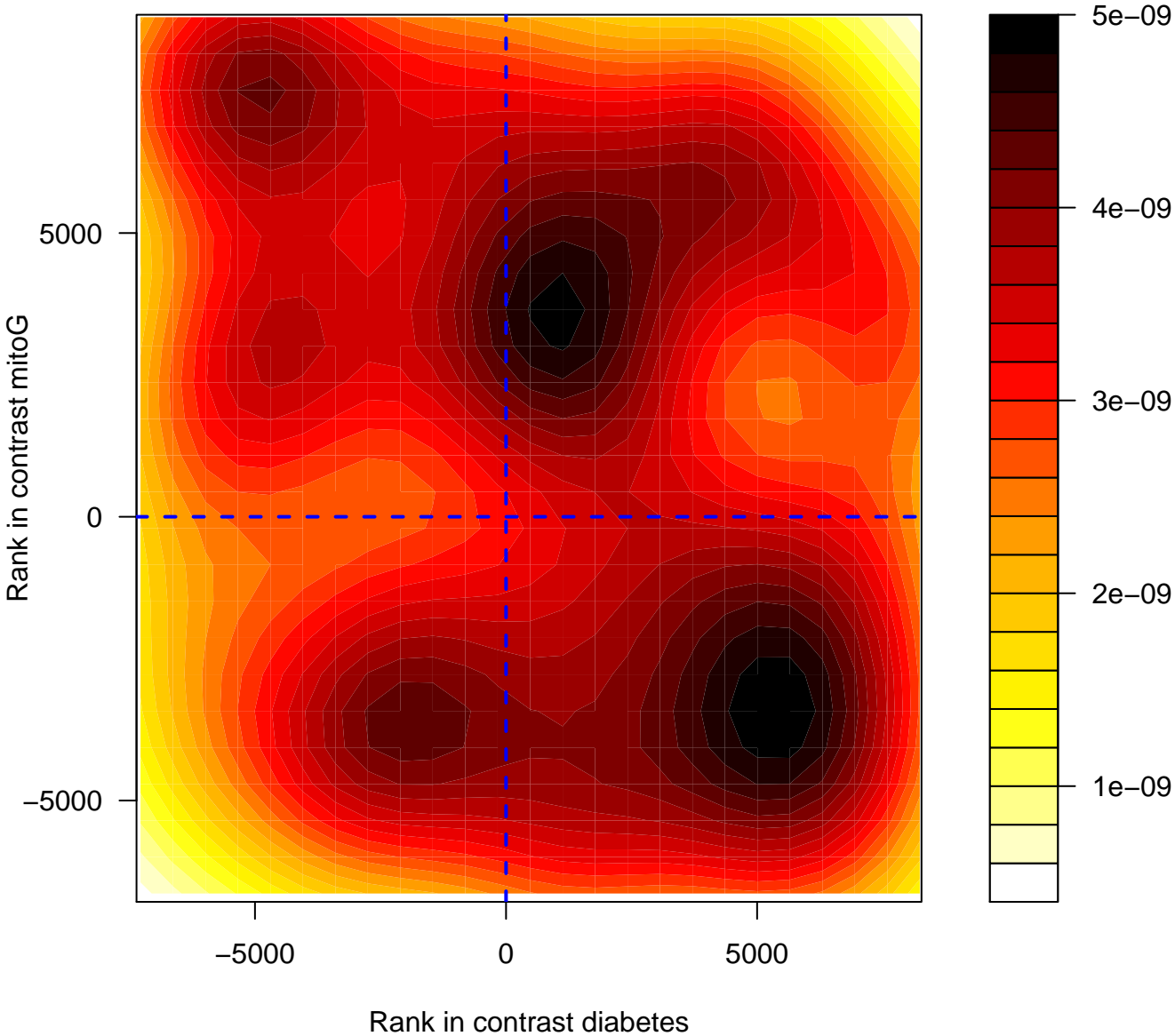
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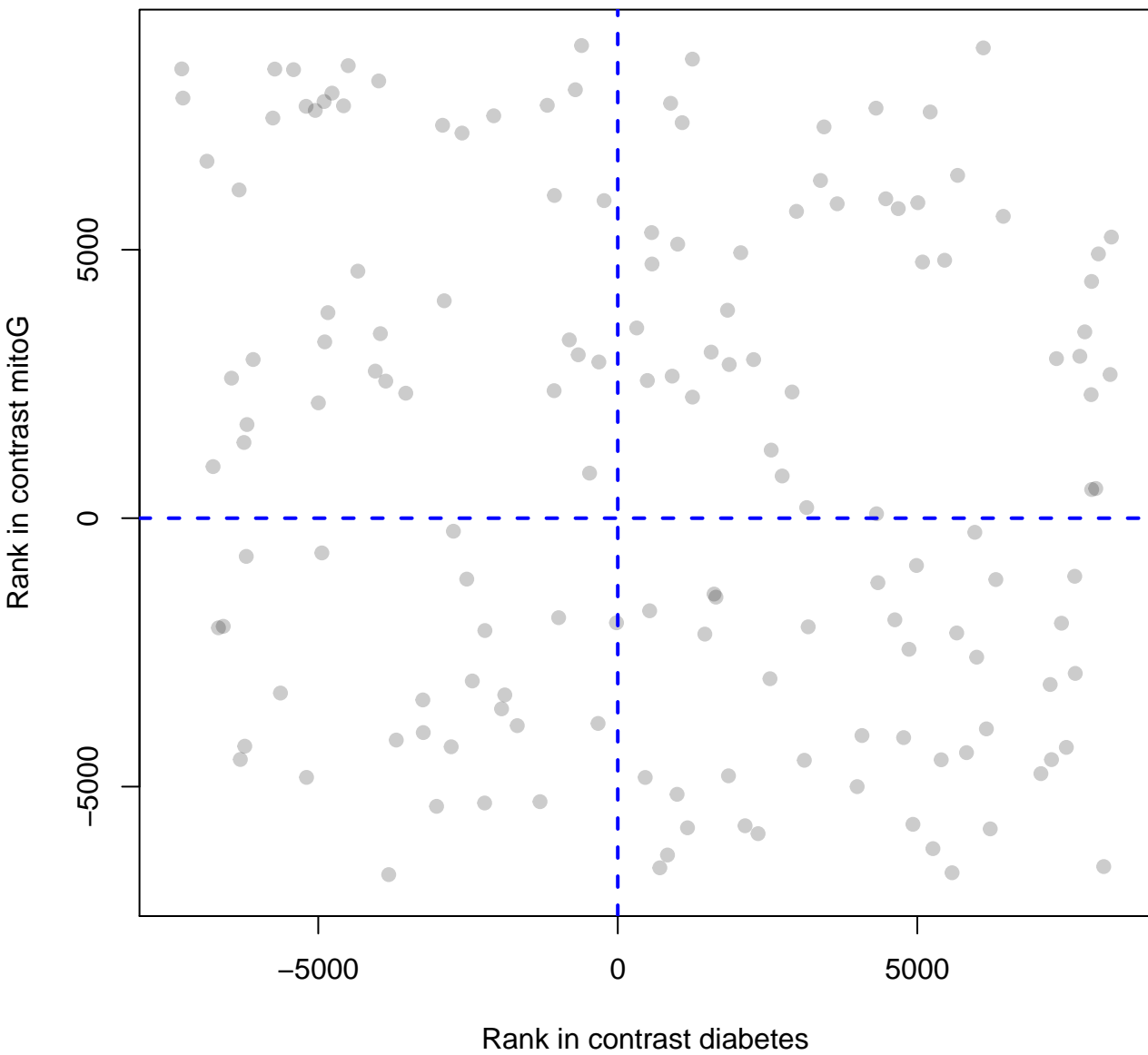
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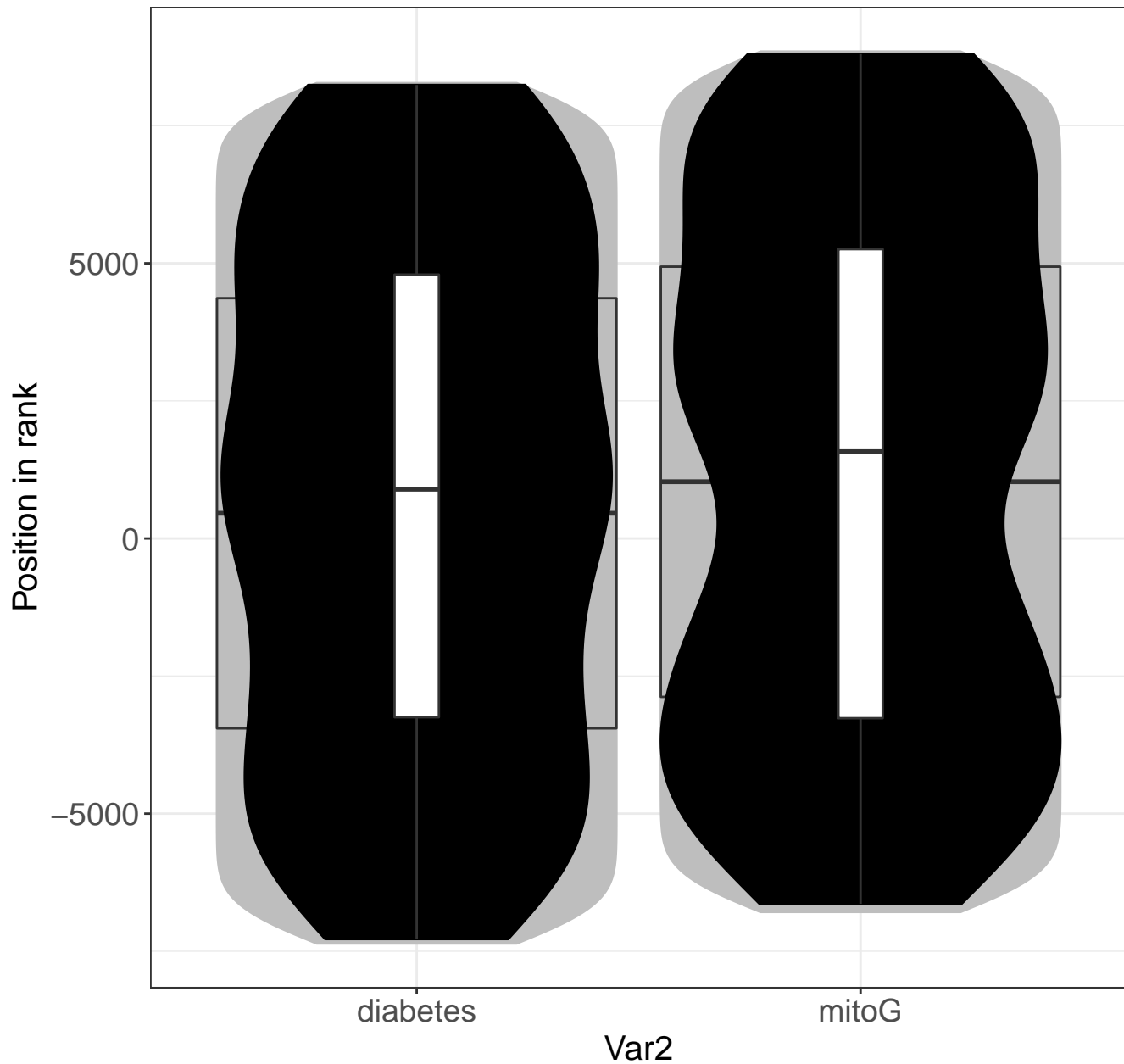
# 9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE\_1\_DIABETES\_DX



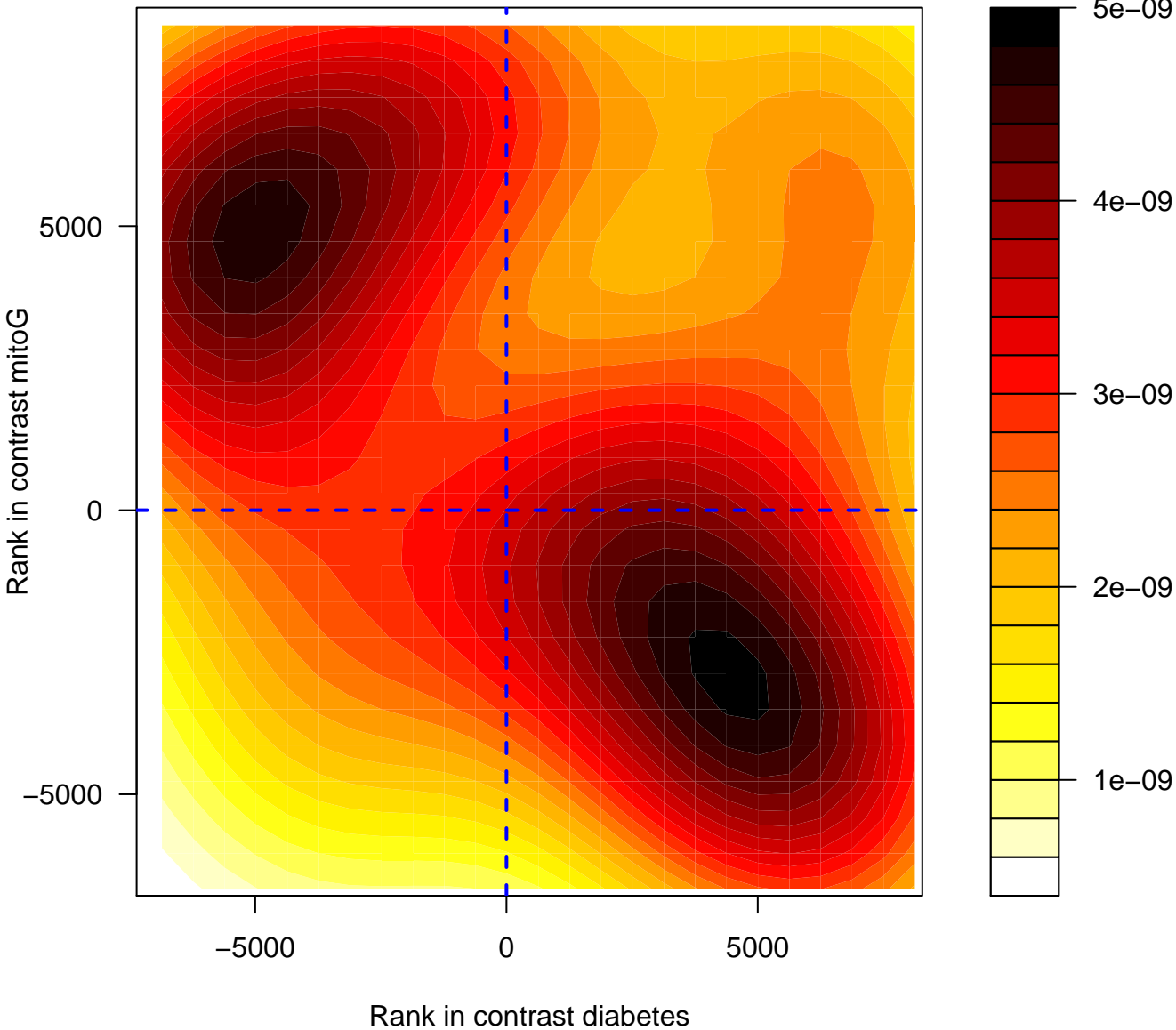
# GSE9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE\_1\_DIABETES\_DX\_PBMC\_I



# GSE9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE

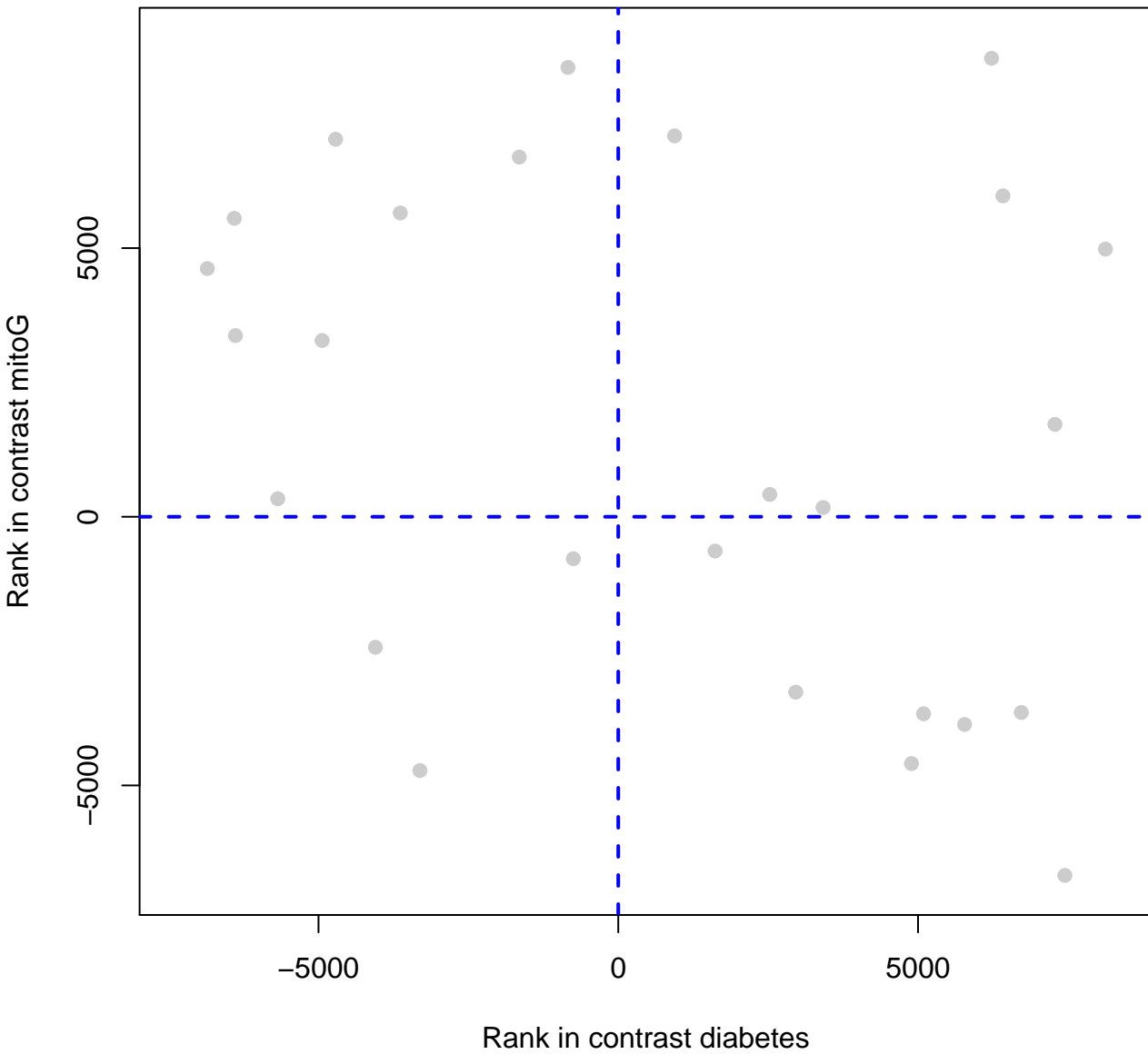


# HP\_INSULIN\_RESISTANT\_DIABETES\_MELLITUS

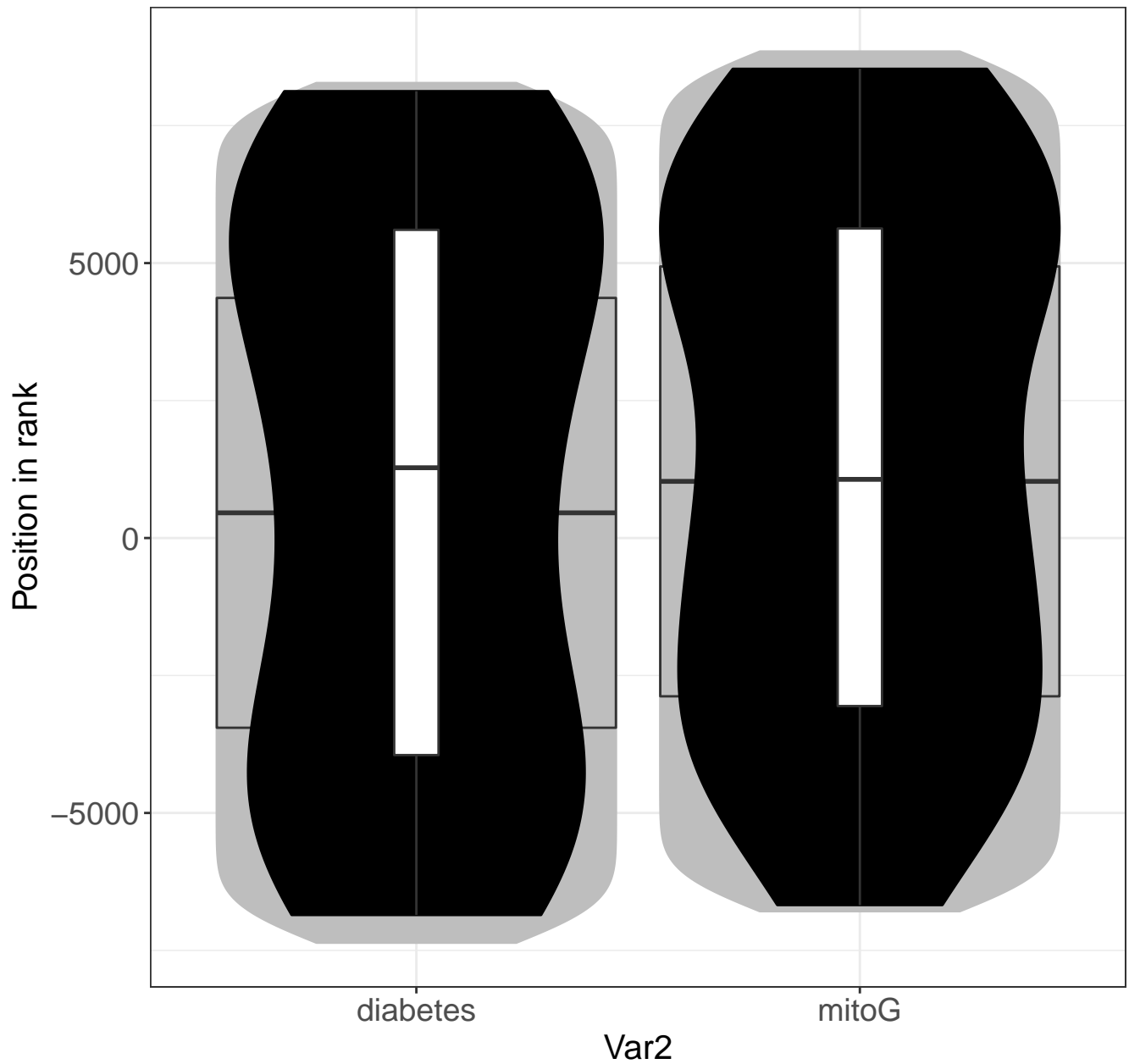




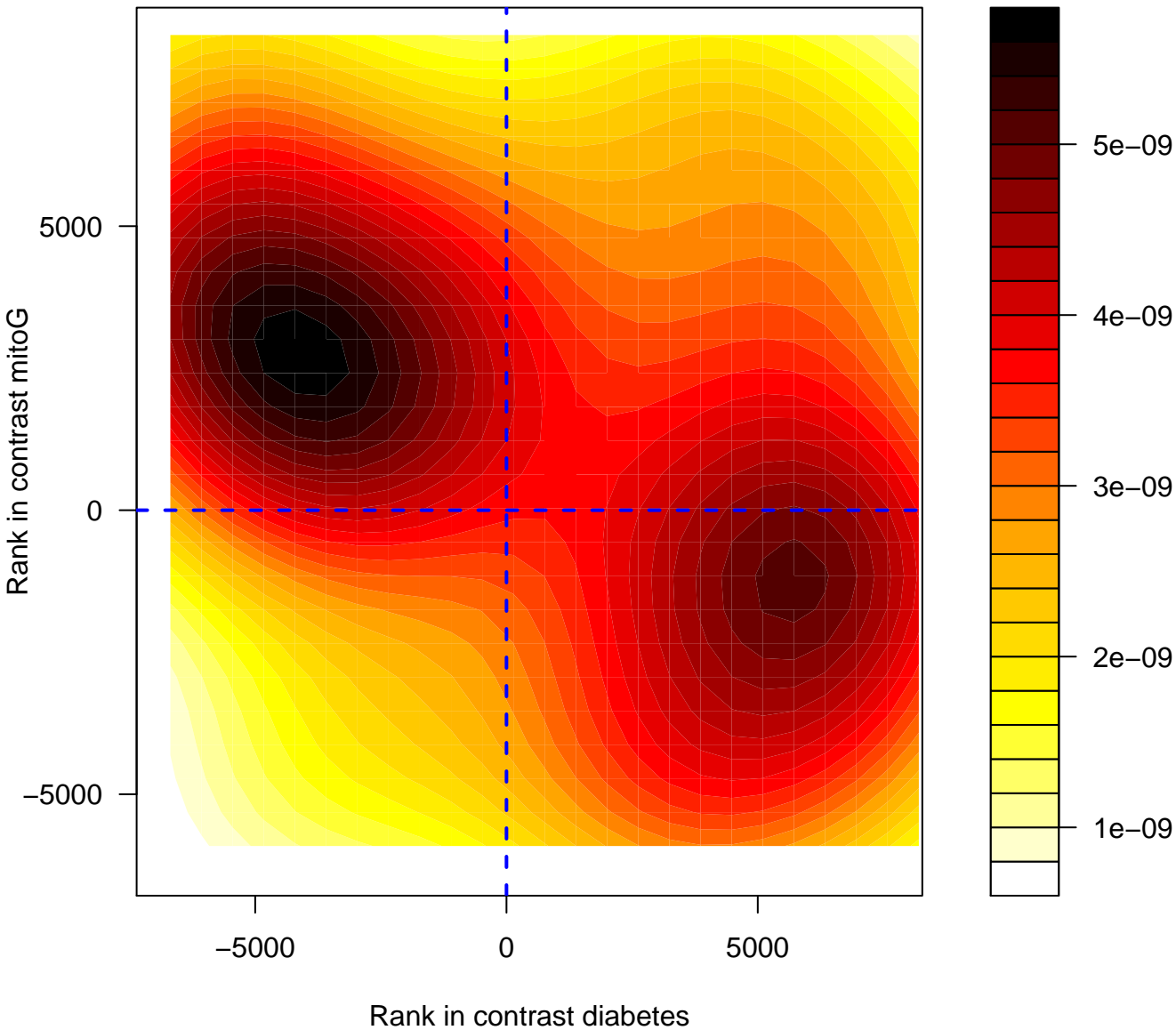
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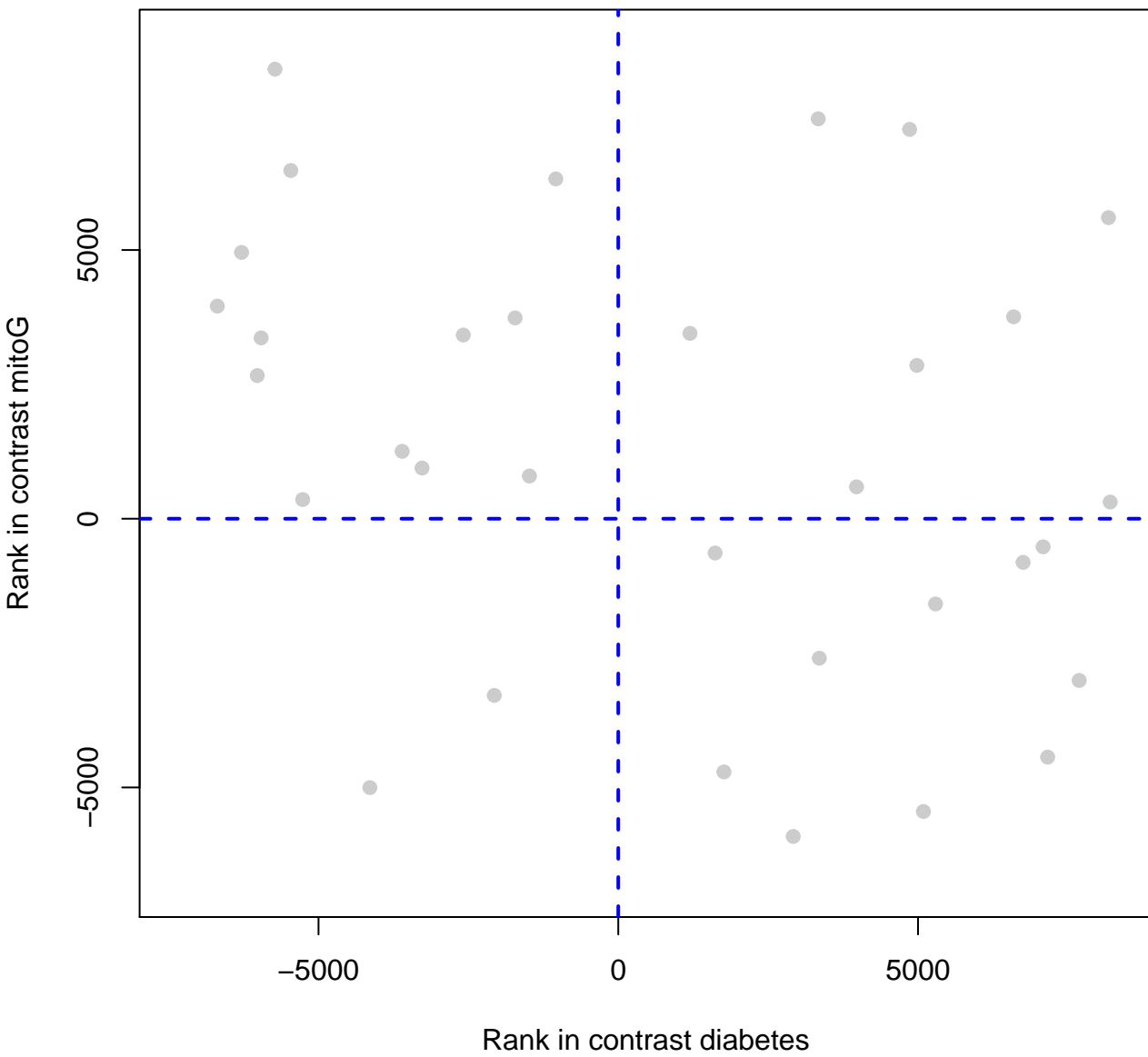
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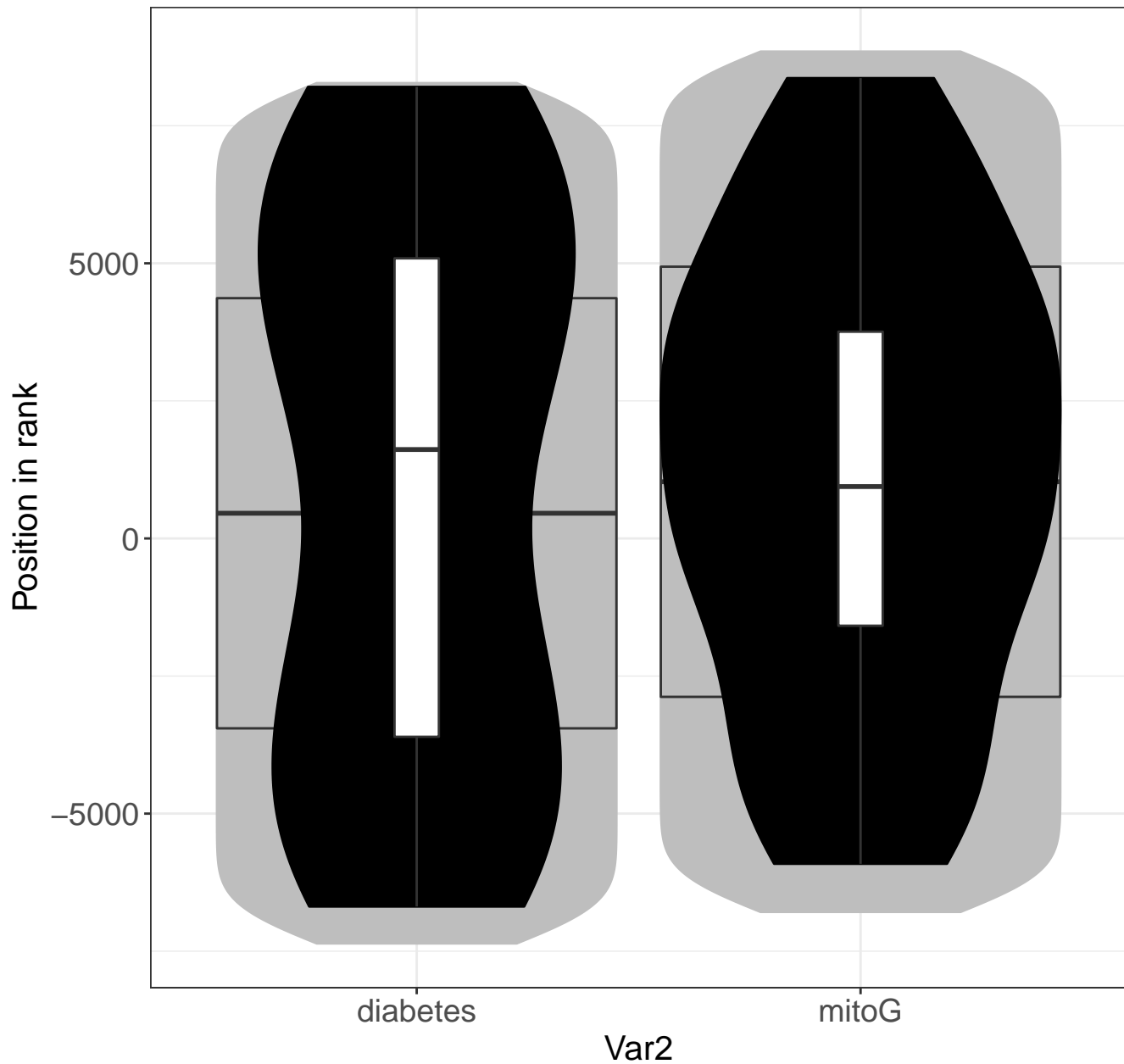
# HP\_DIABETES\_INSIPIDUS



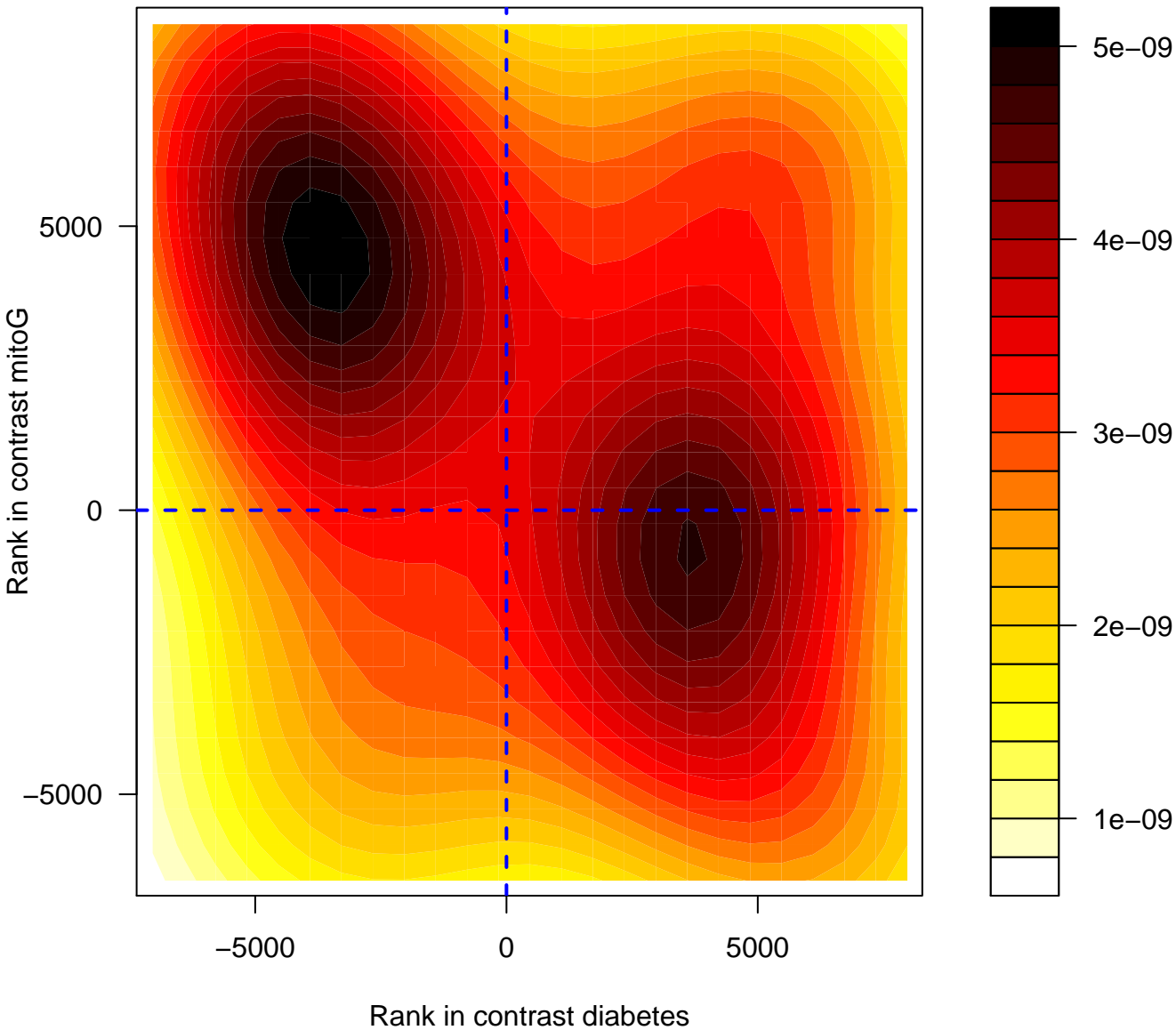
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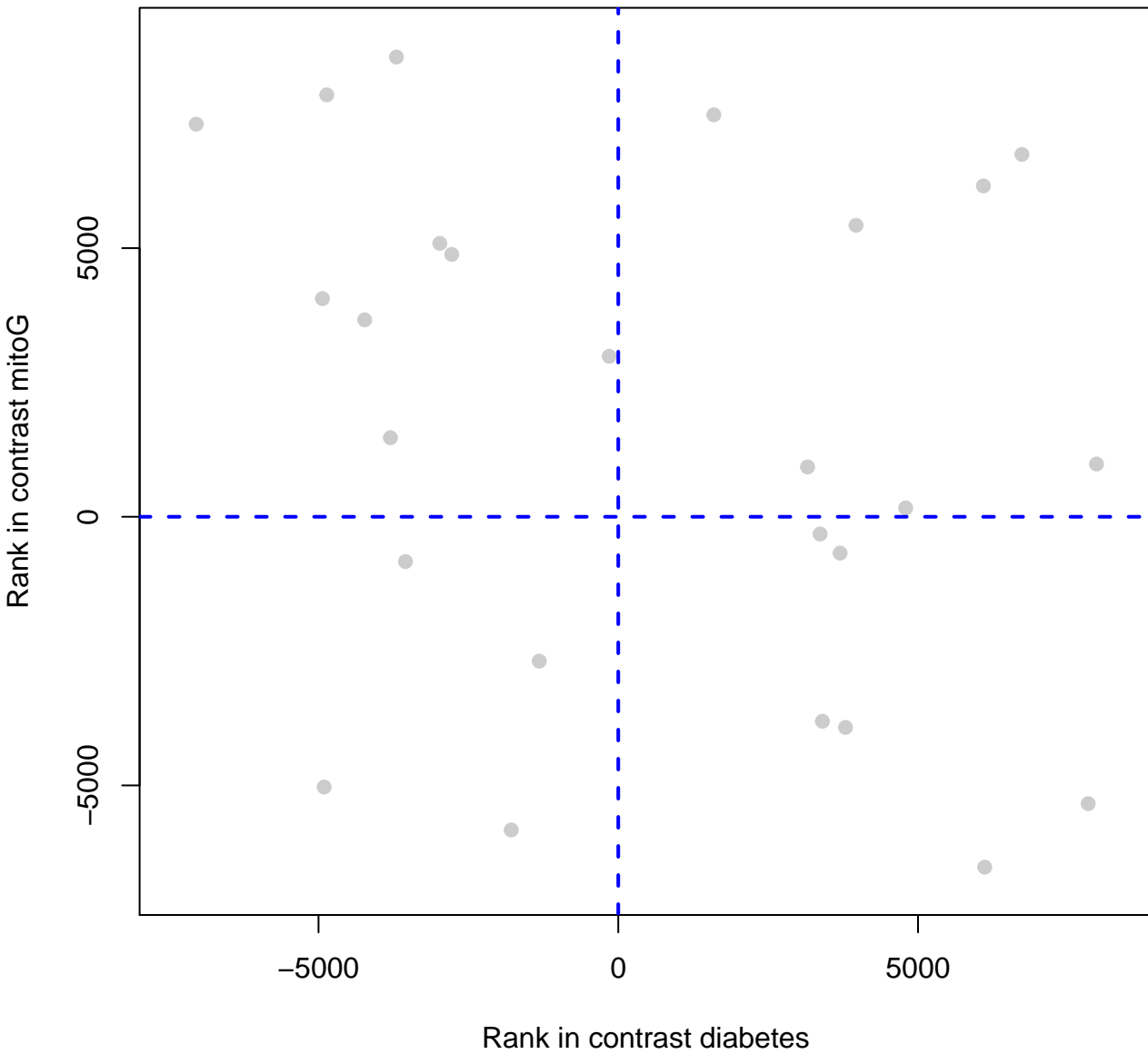
# HP\_DIABETES\_INSIPIDUS



# TNFR1-induced NFkappaB signaling pathway



# TNFR1-induced NFkappaB signaling pathway



# TNFR1-induced NFkappaB signaling pathway

