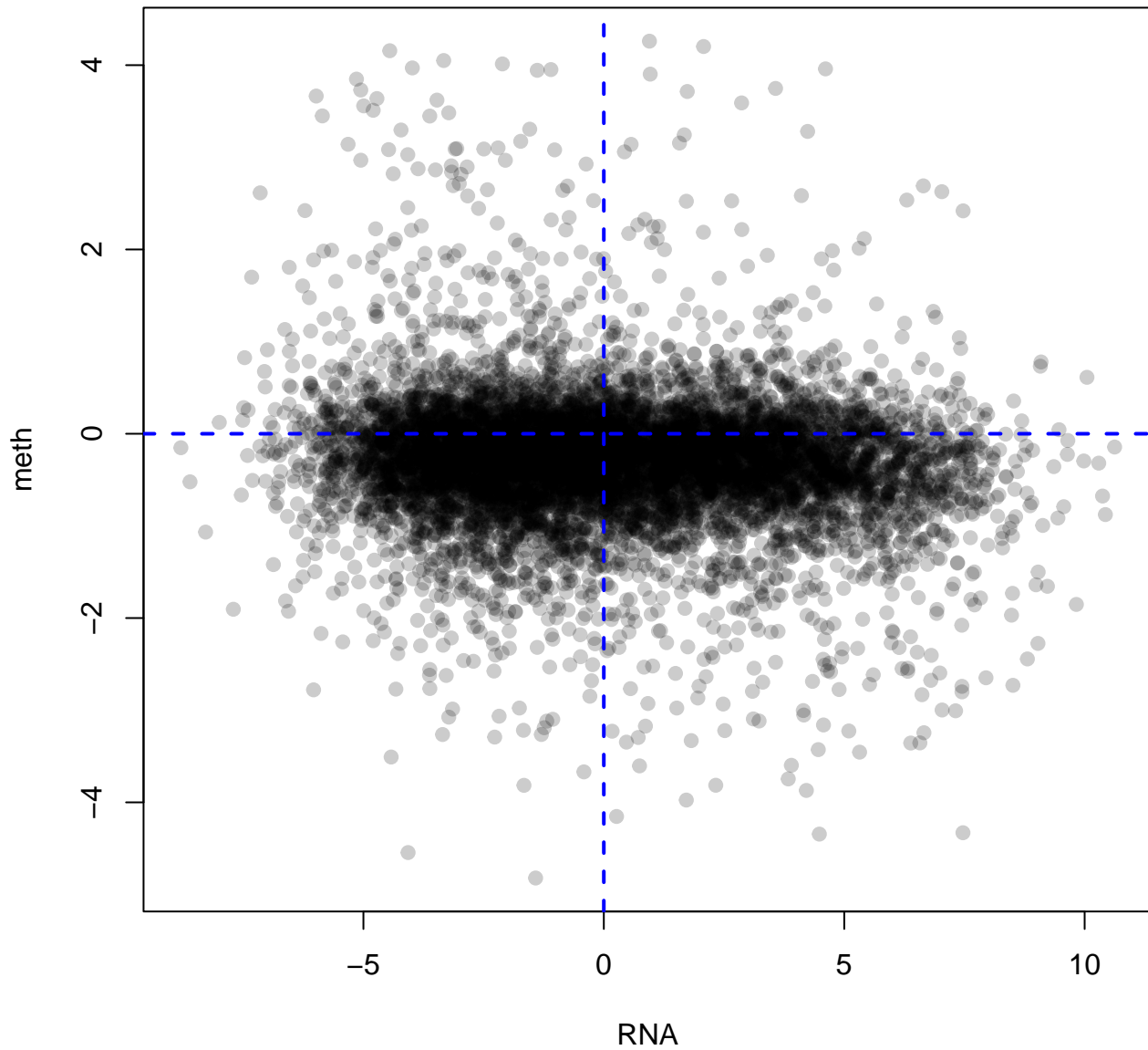
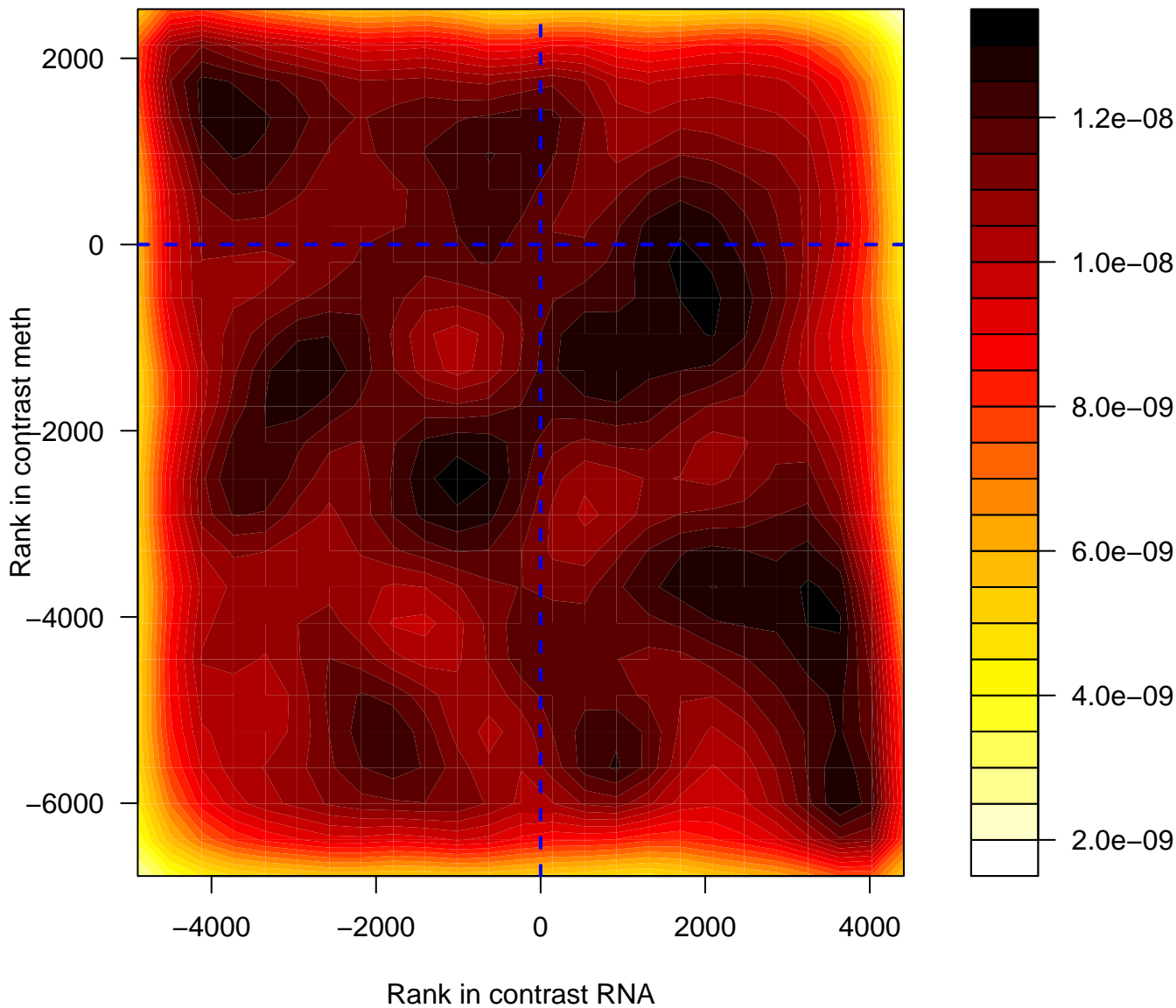


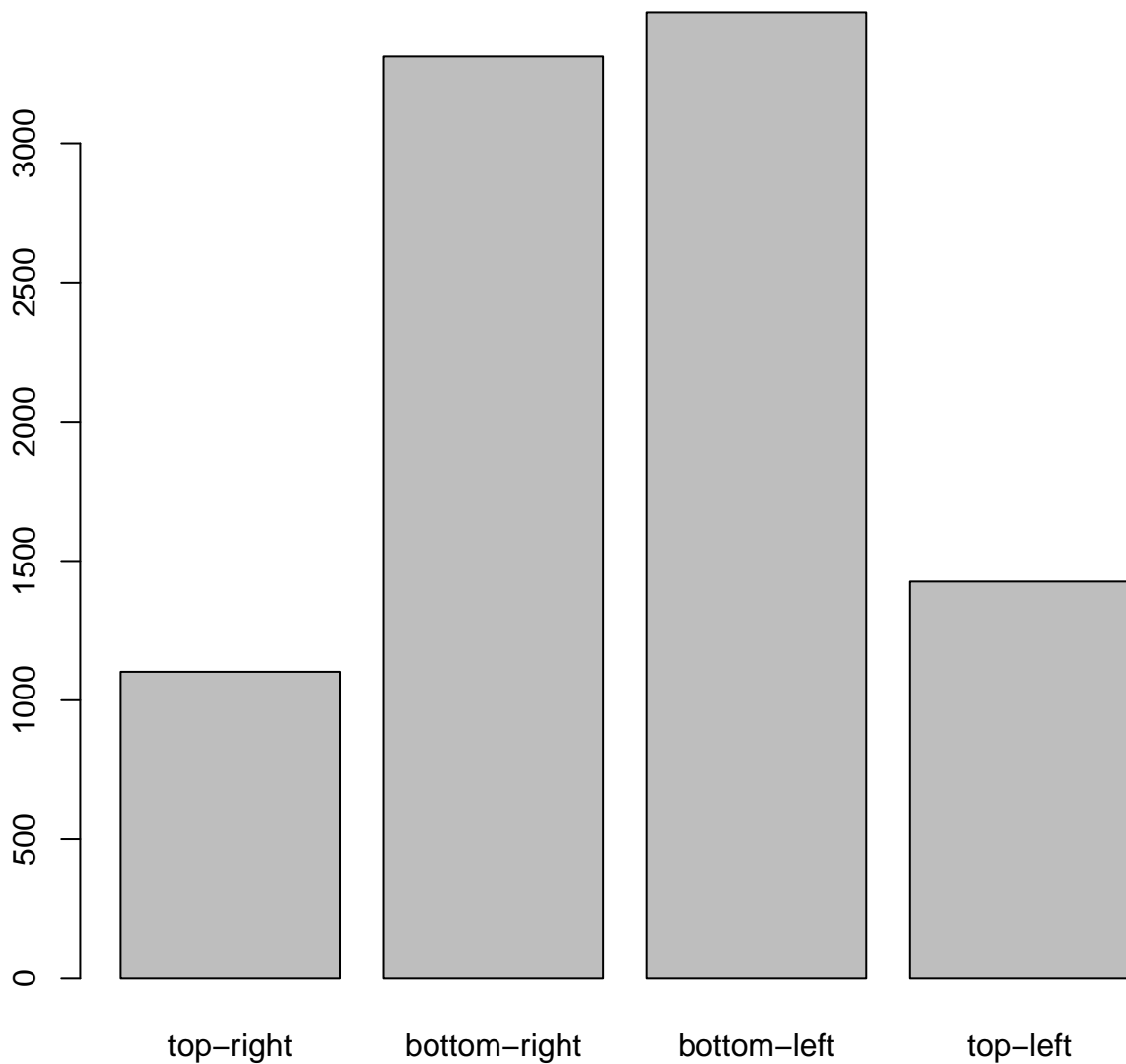
Scatterplot of all genes



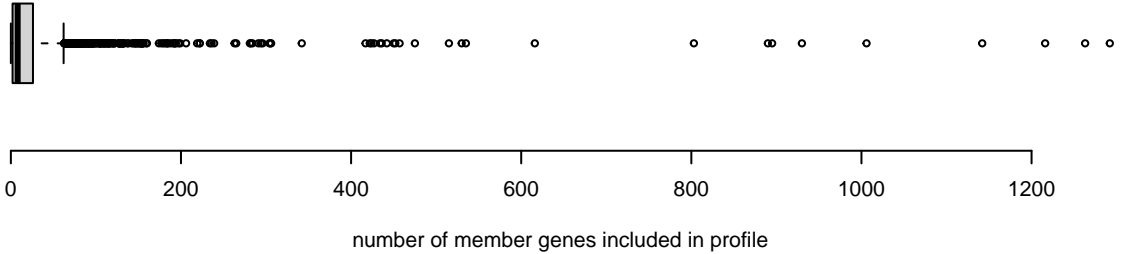
Rank-rank plot of all genes



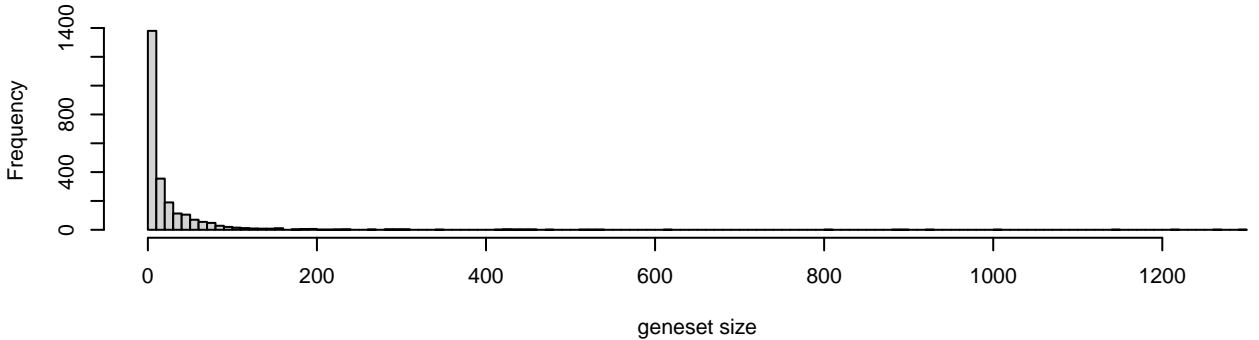
number of genes in each quadrant



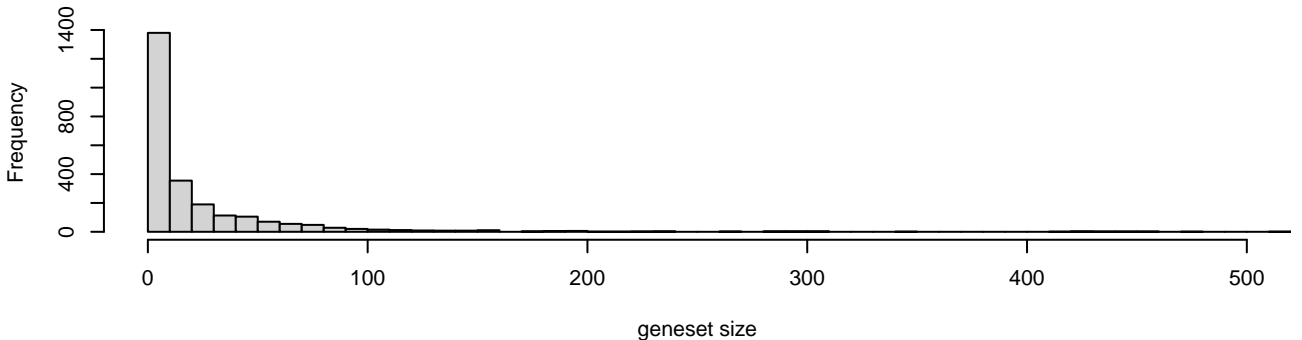
Gene set size



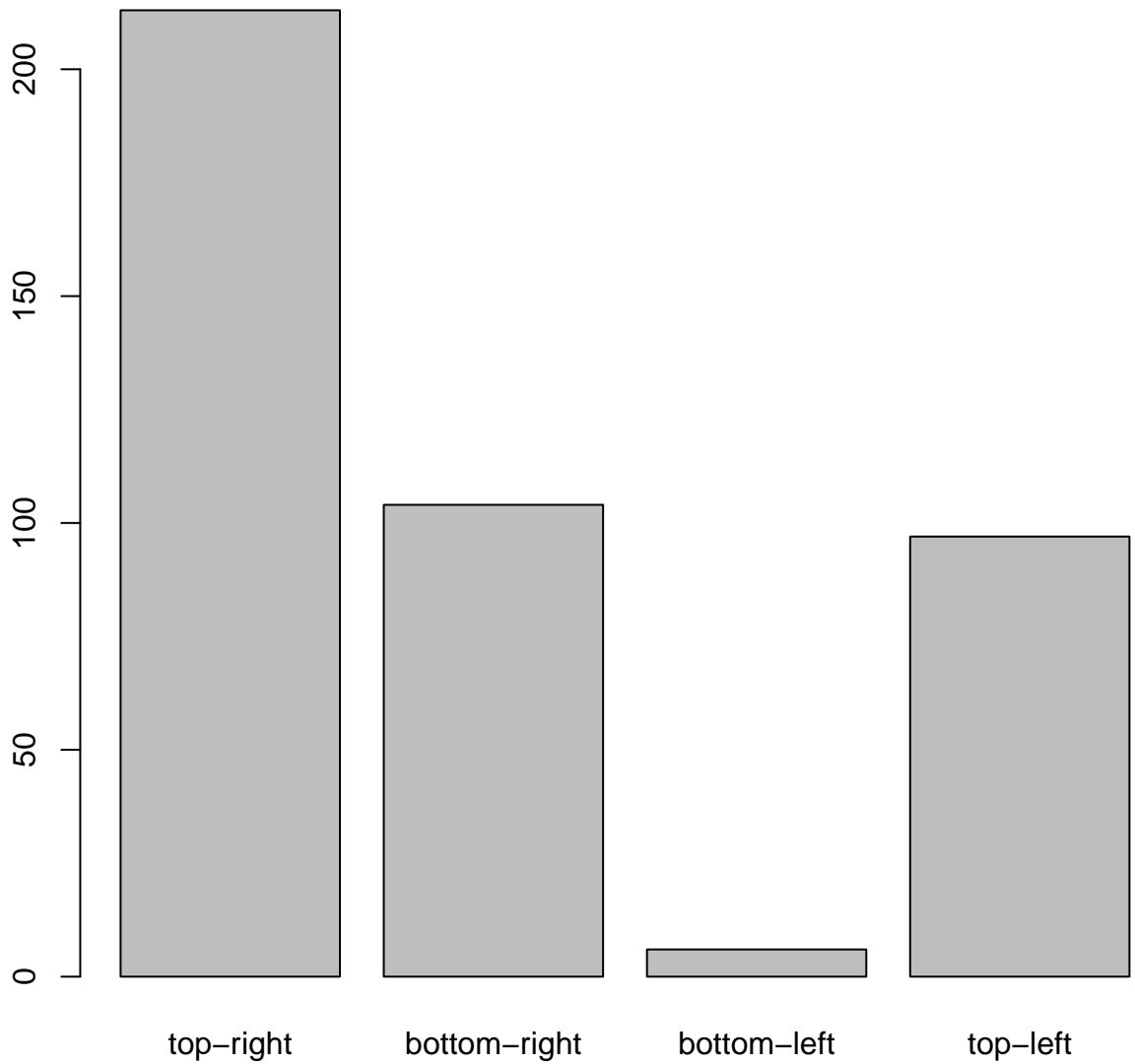
Histogram of geneset size



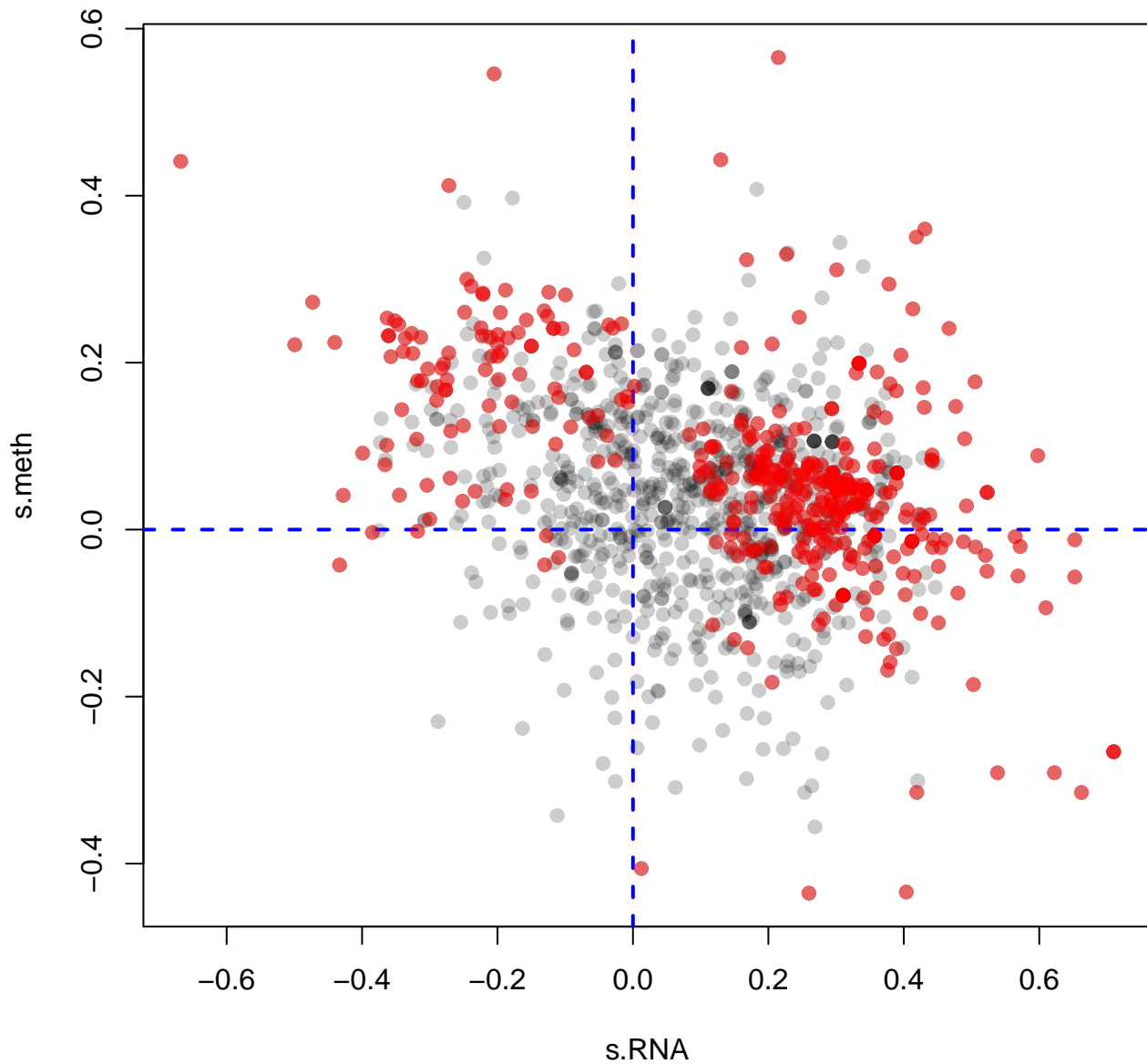
Trimmed histogram of geneset size



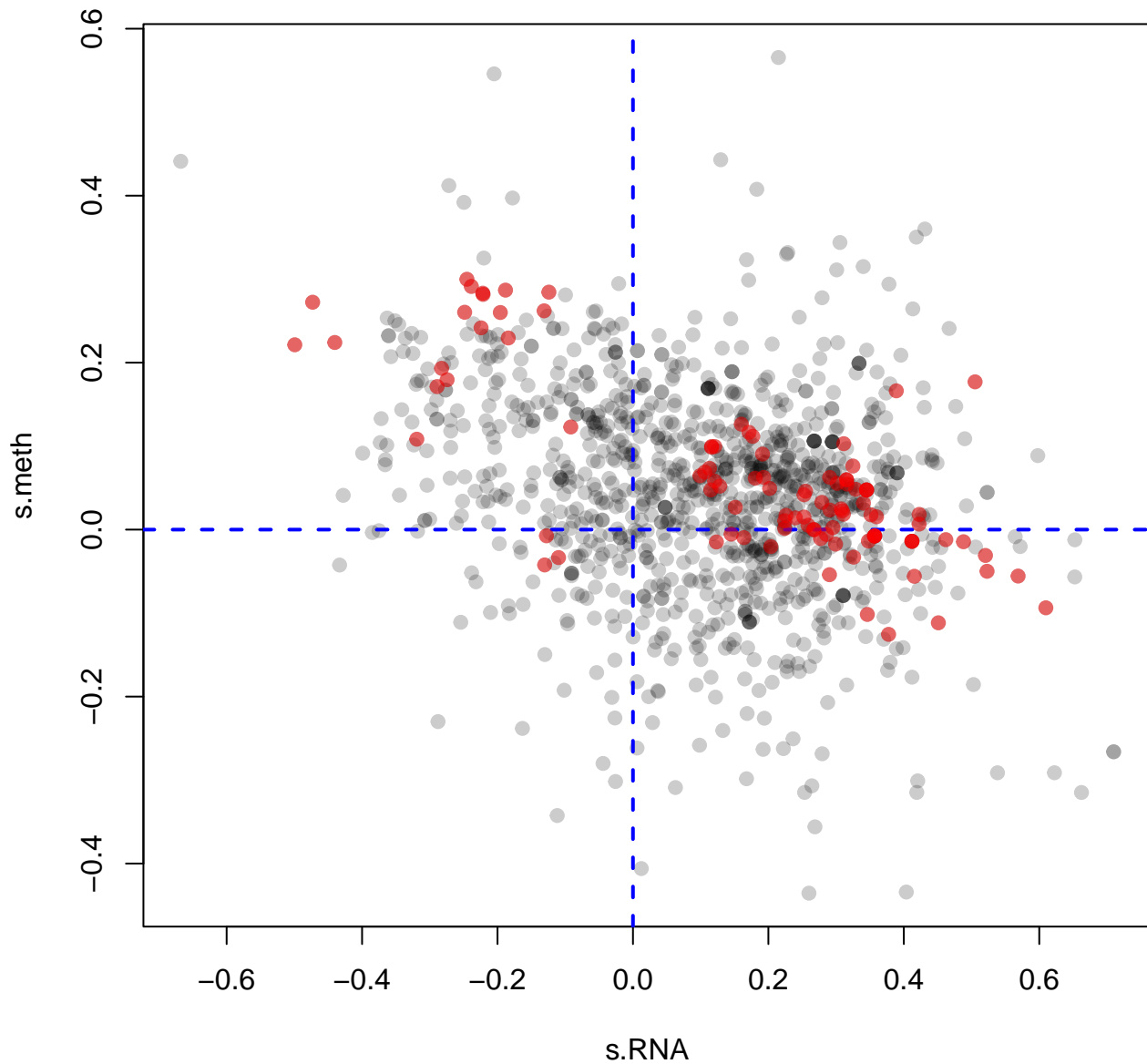
number of genesets FDR<0.05



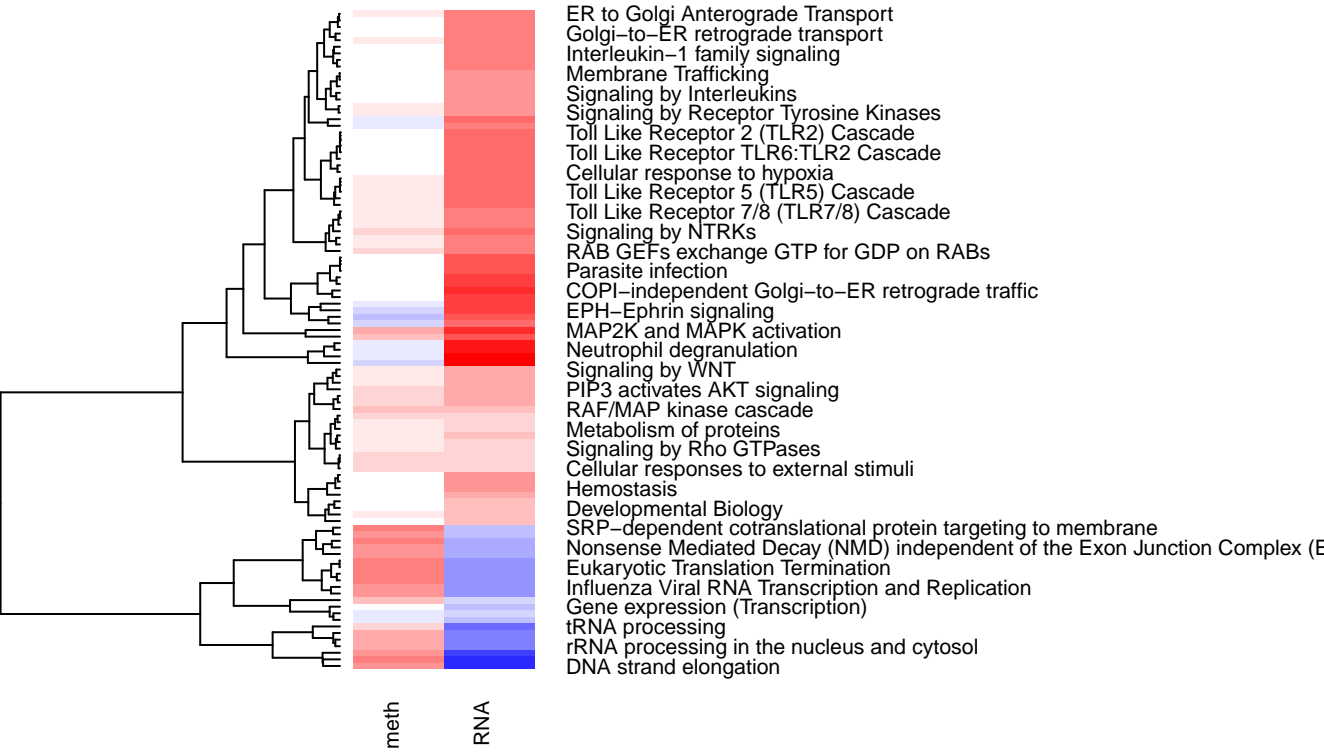
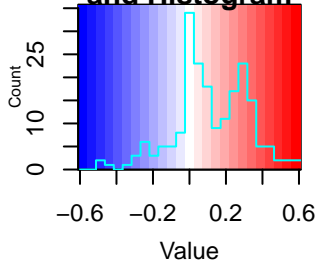
Scatterplot of all gene sets; FDR<0.05 in red



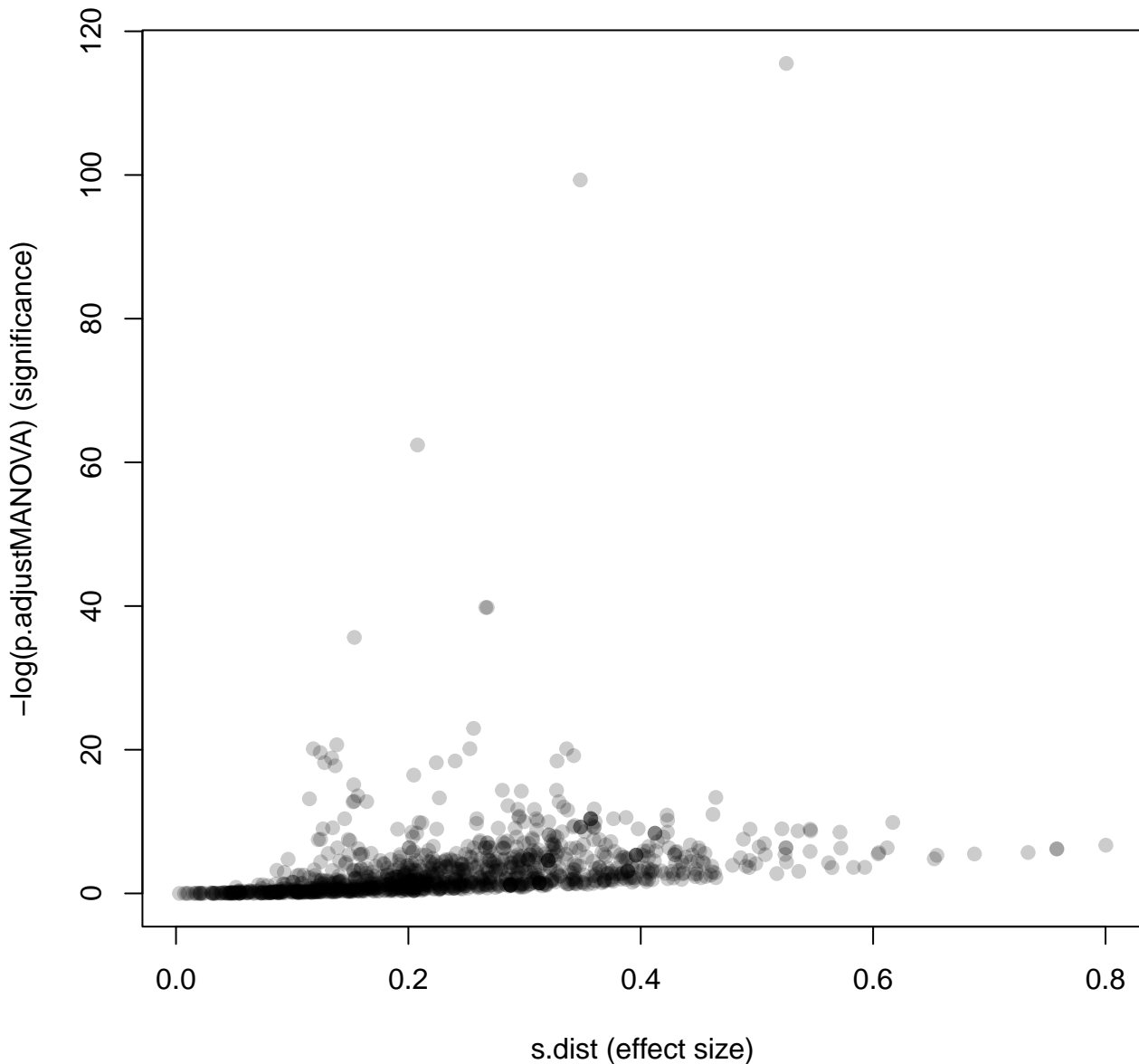
Scatterplot of all gene sets; top 100 in red



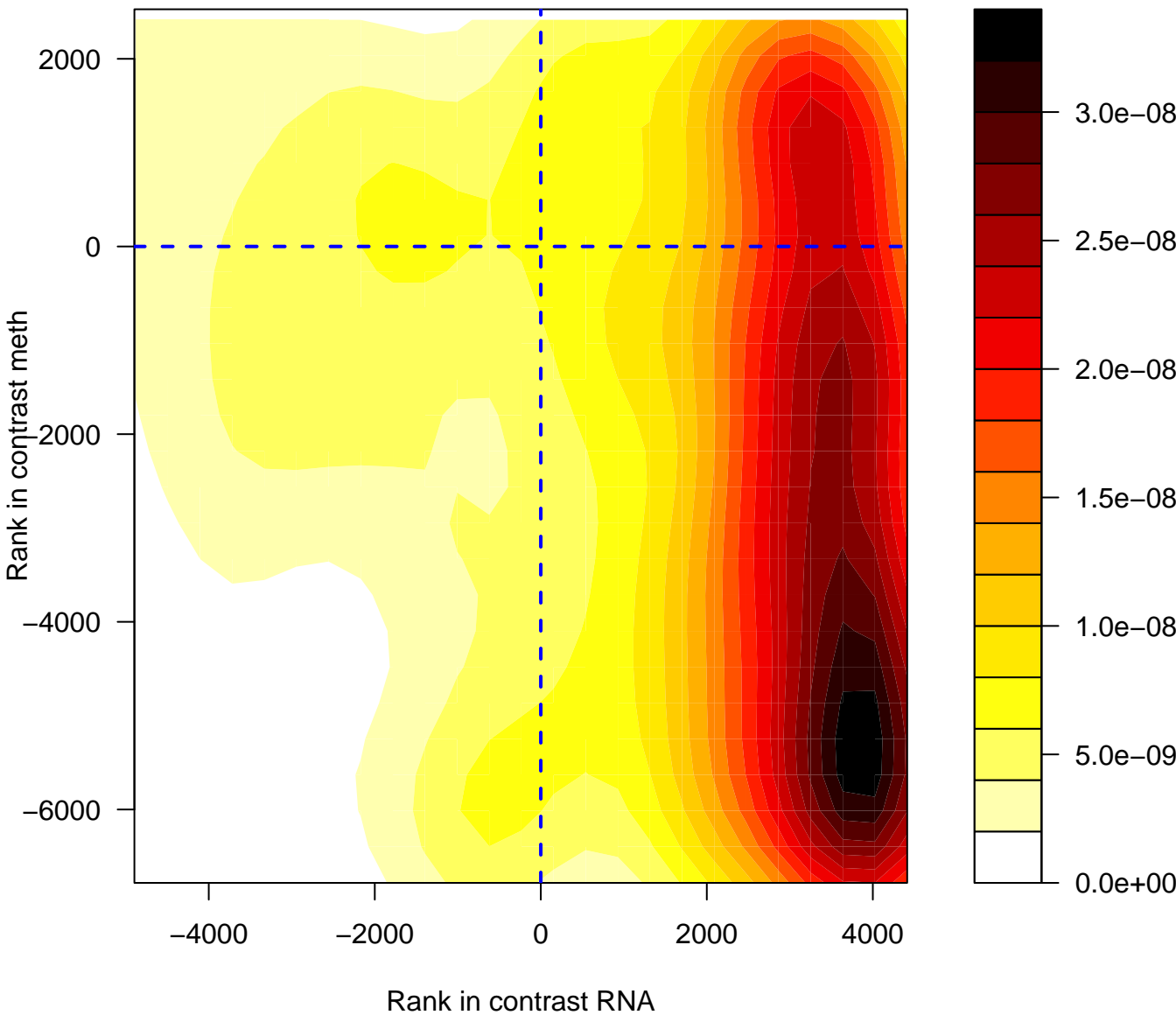
Color Key and Histogram



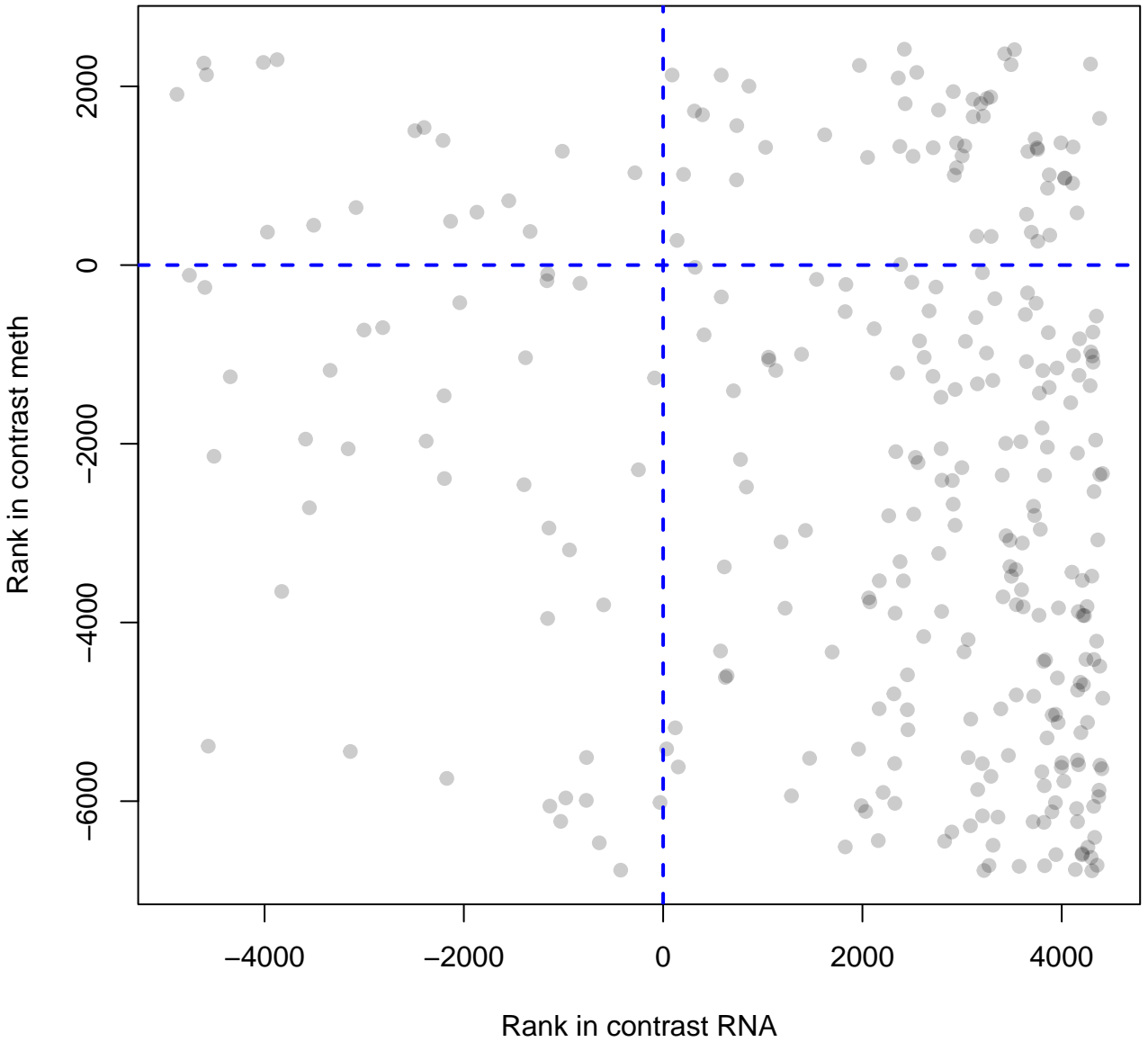
effect size versus statistical significance



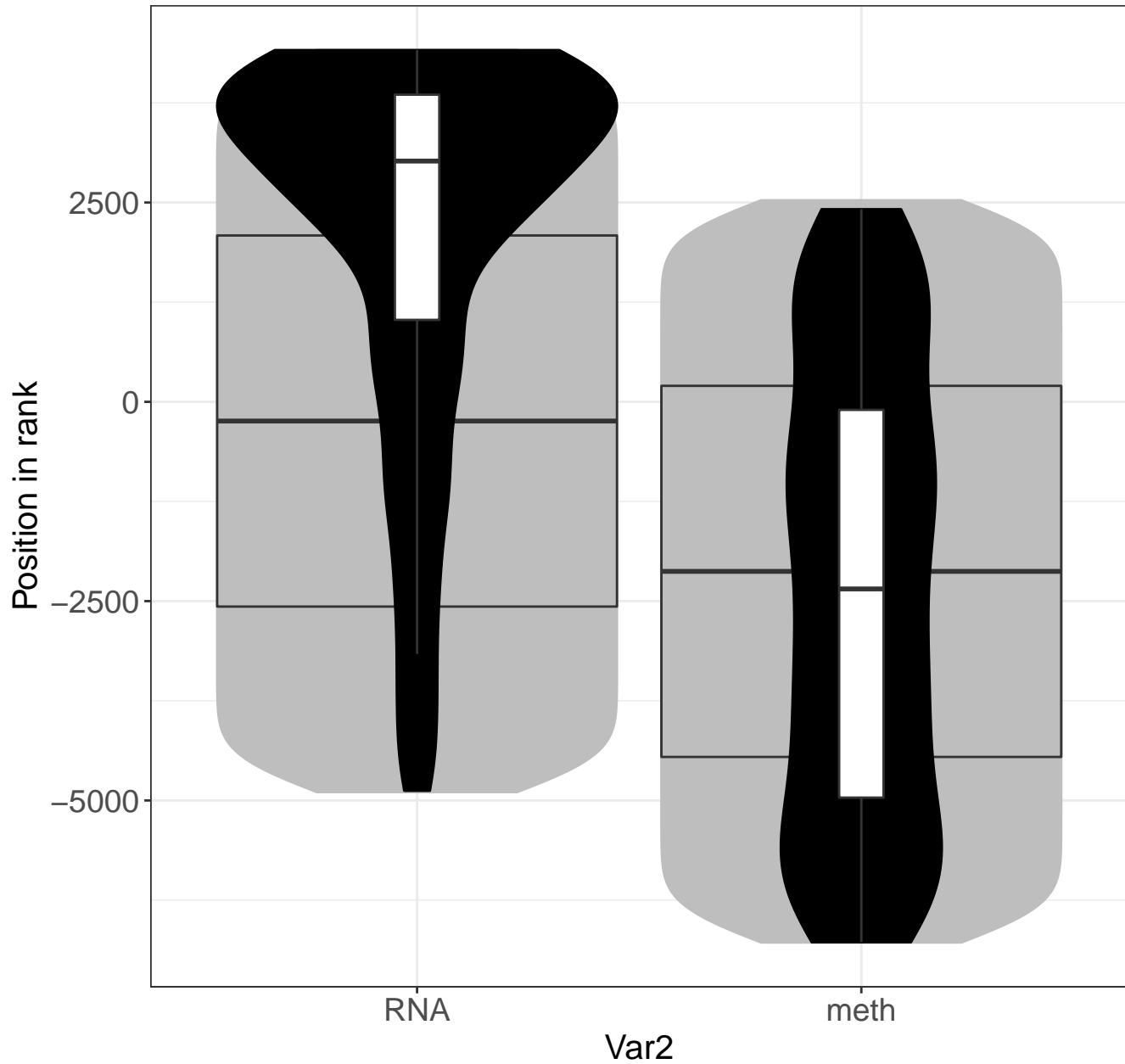
Neutrophil degranulation



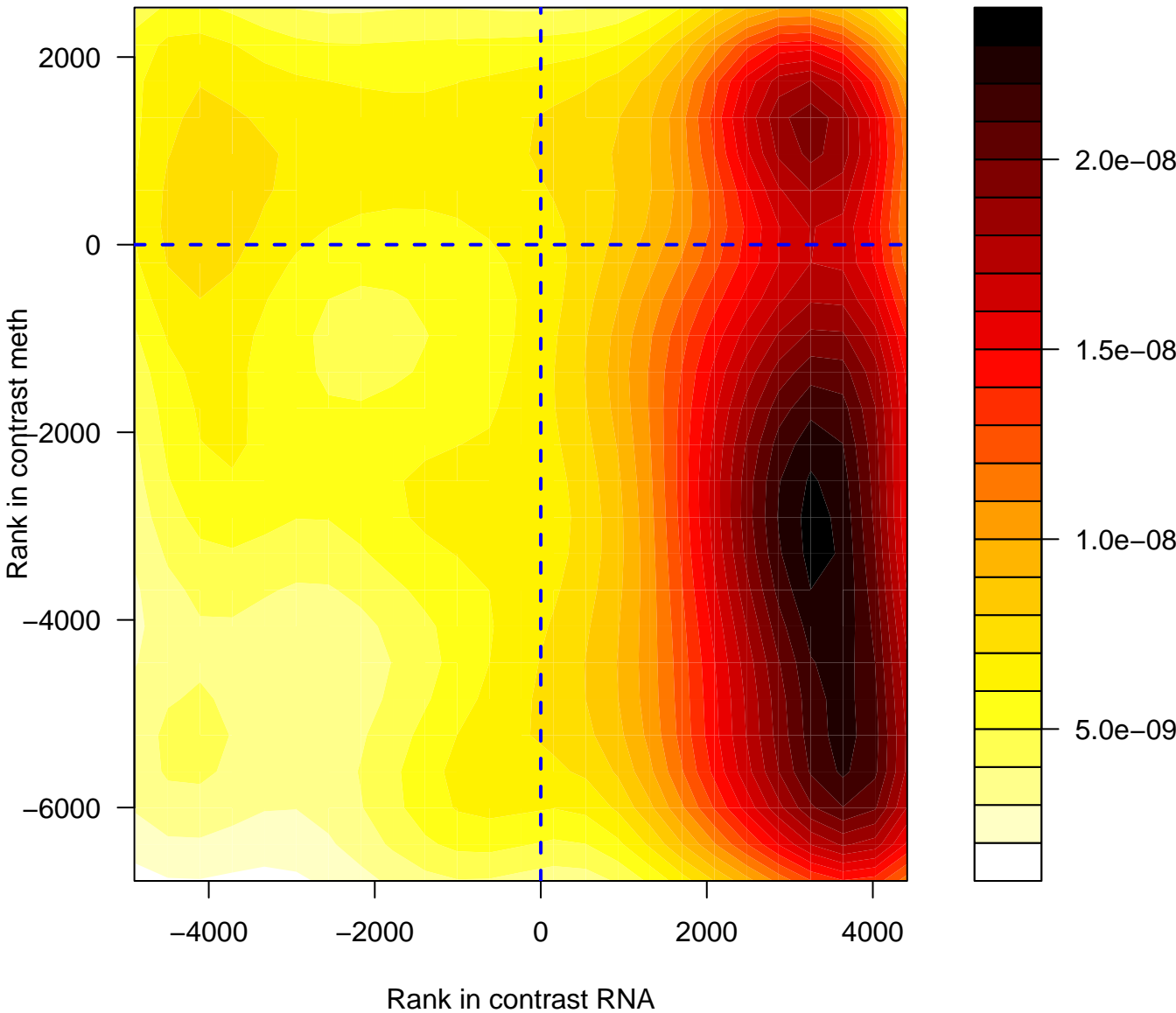
Neutrophil degranulation



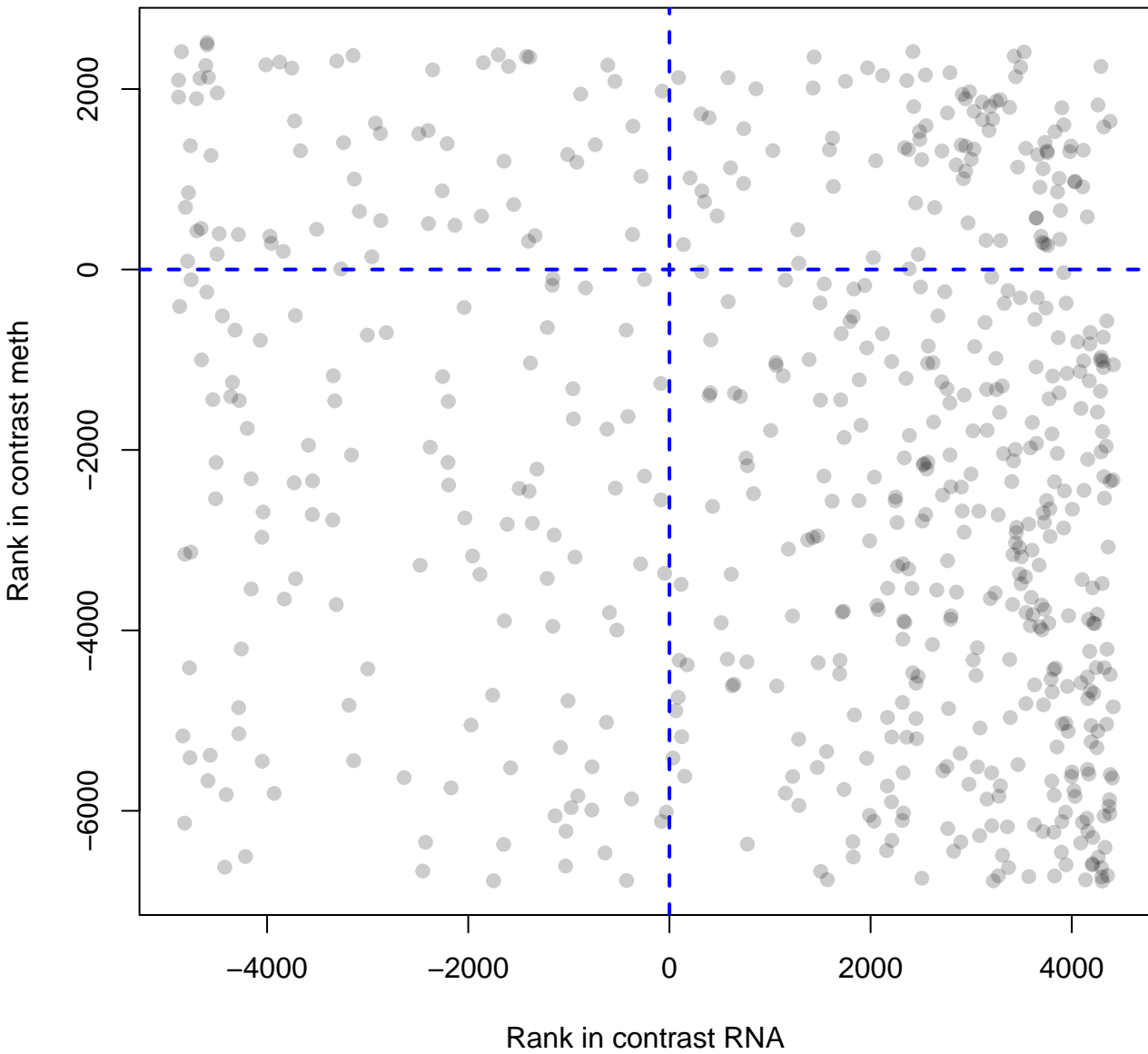
Neutrophil degranulation



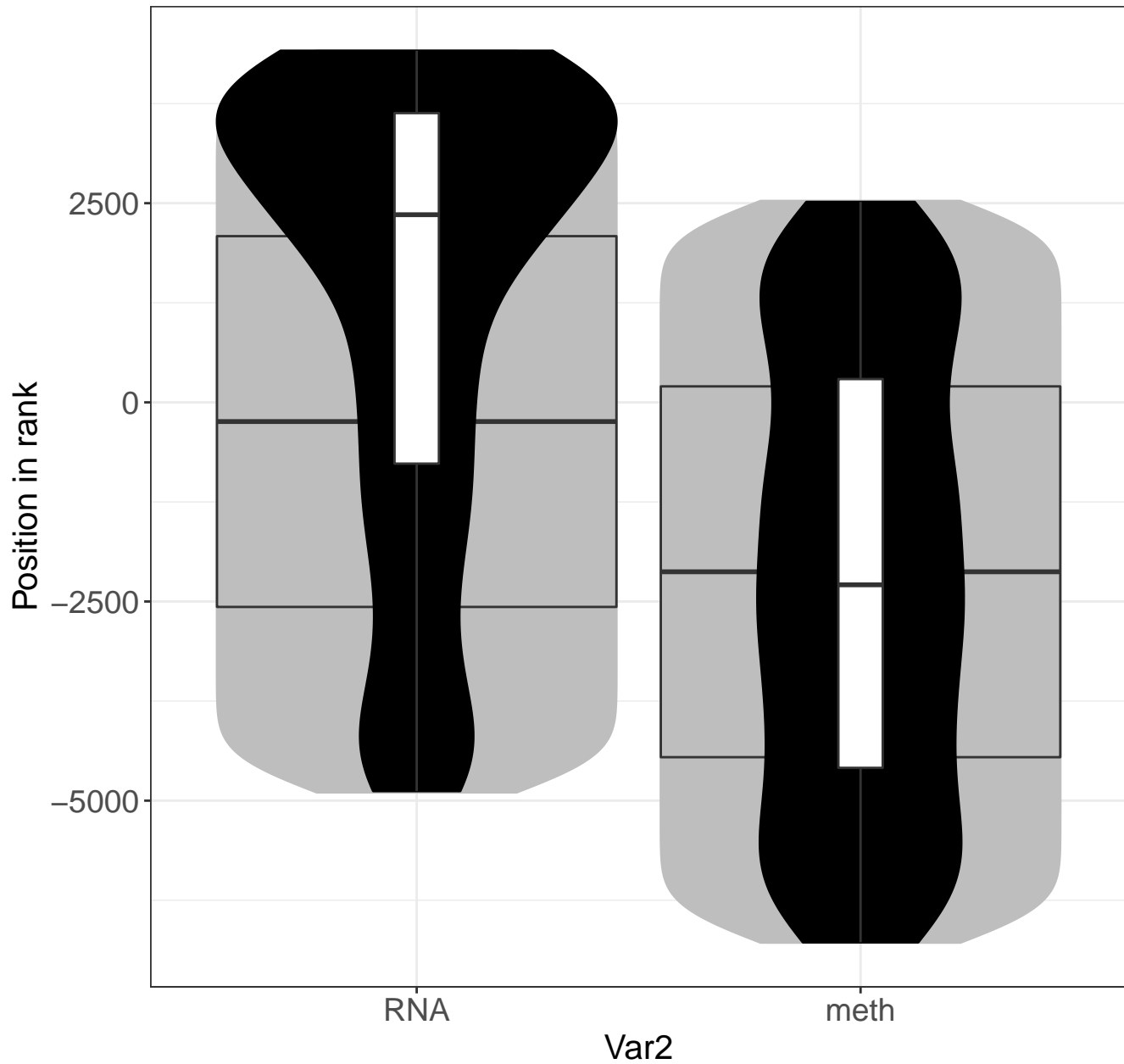
Innate Immune System



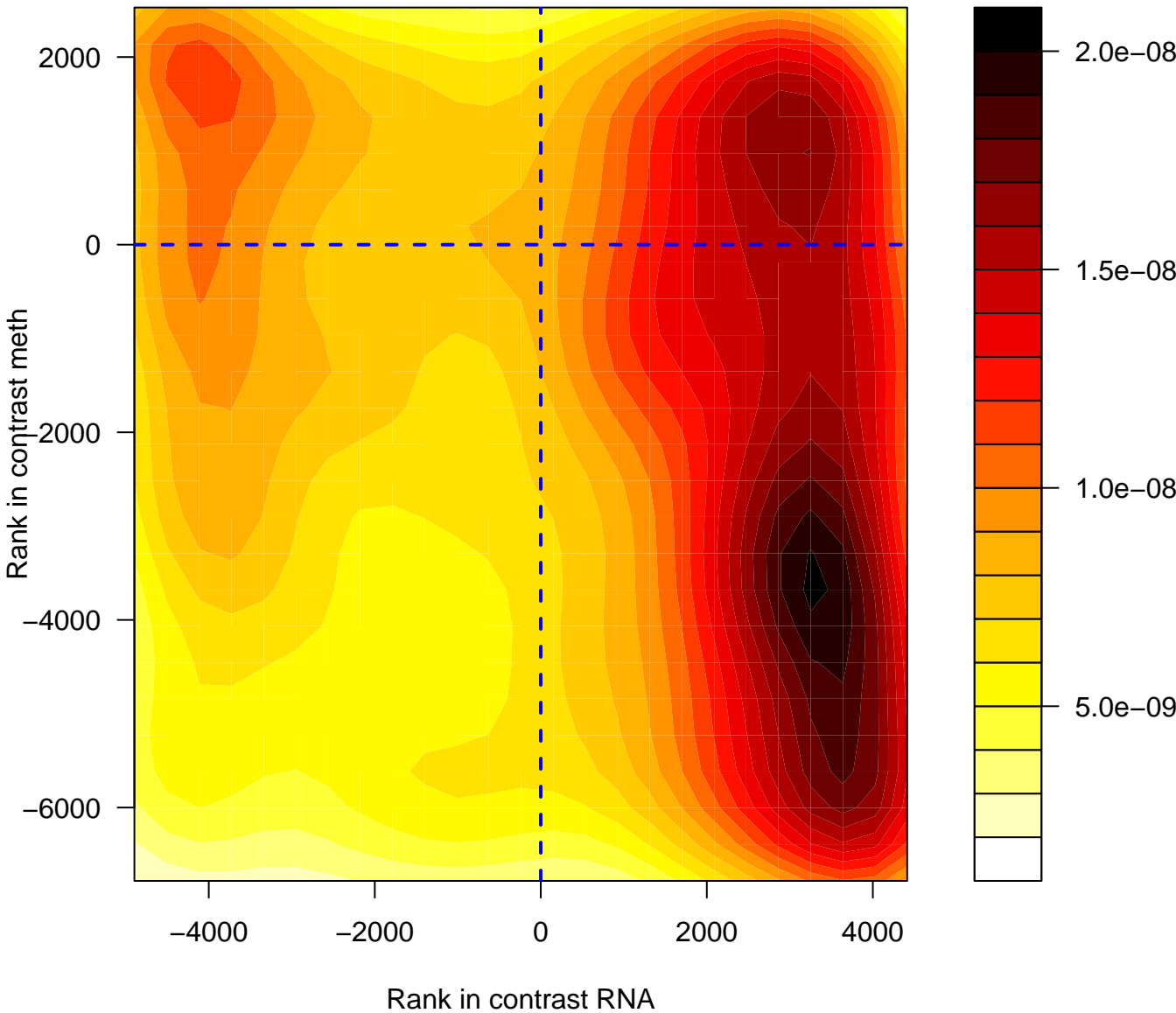
Innate Immune System



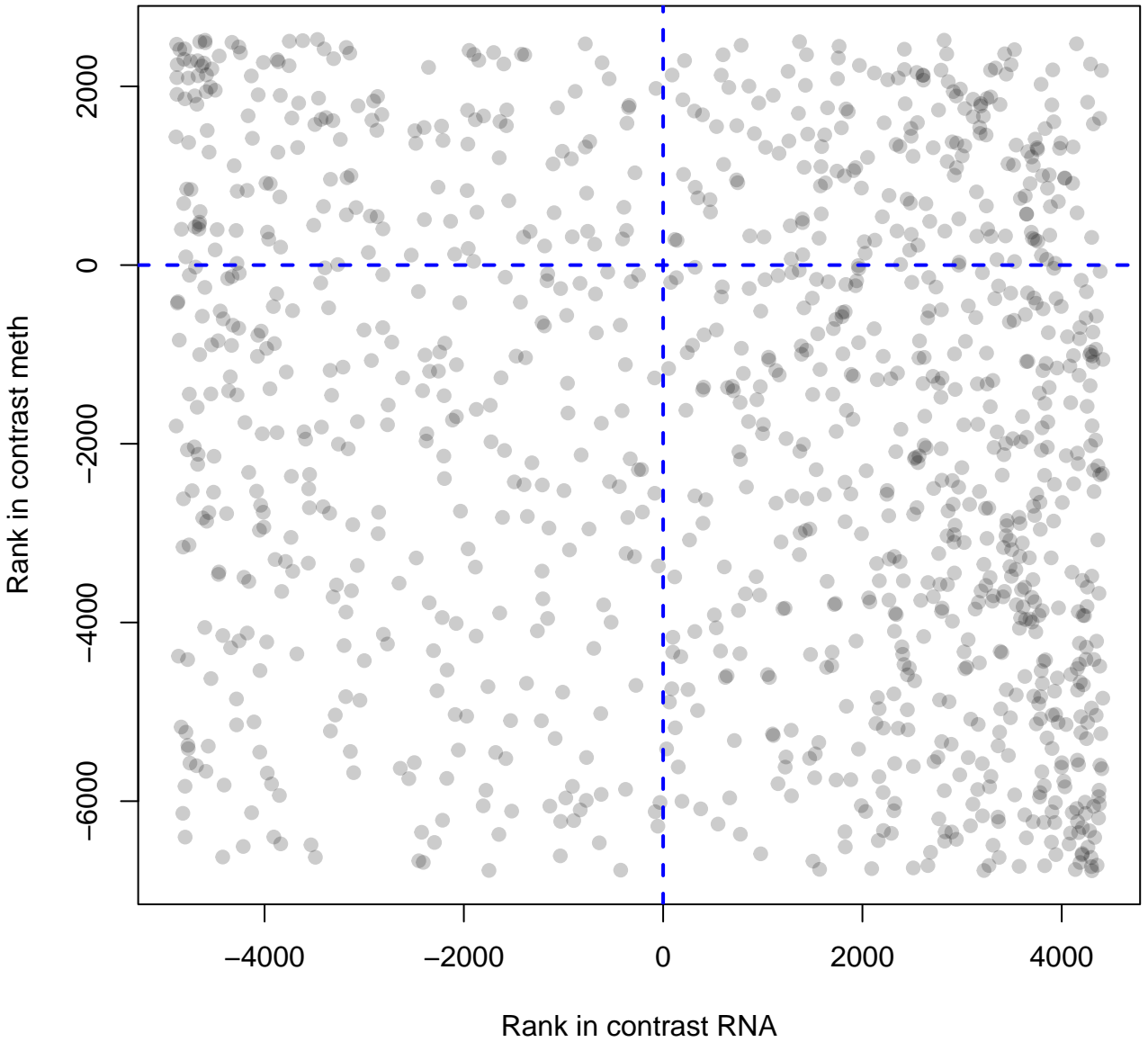
Innate Immune System



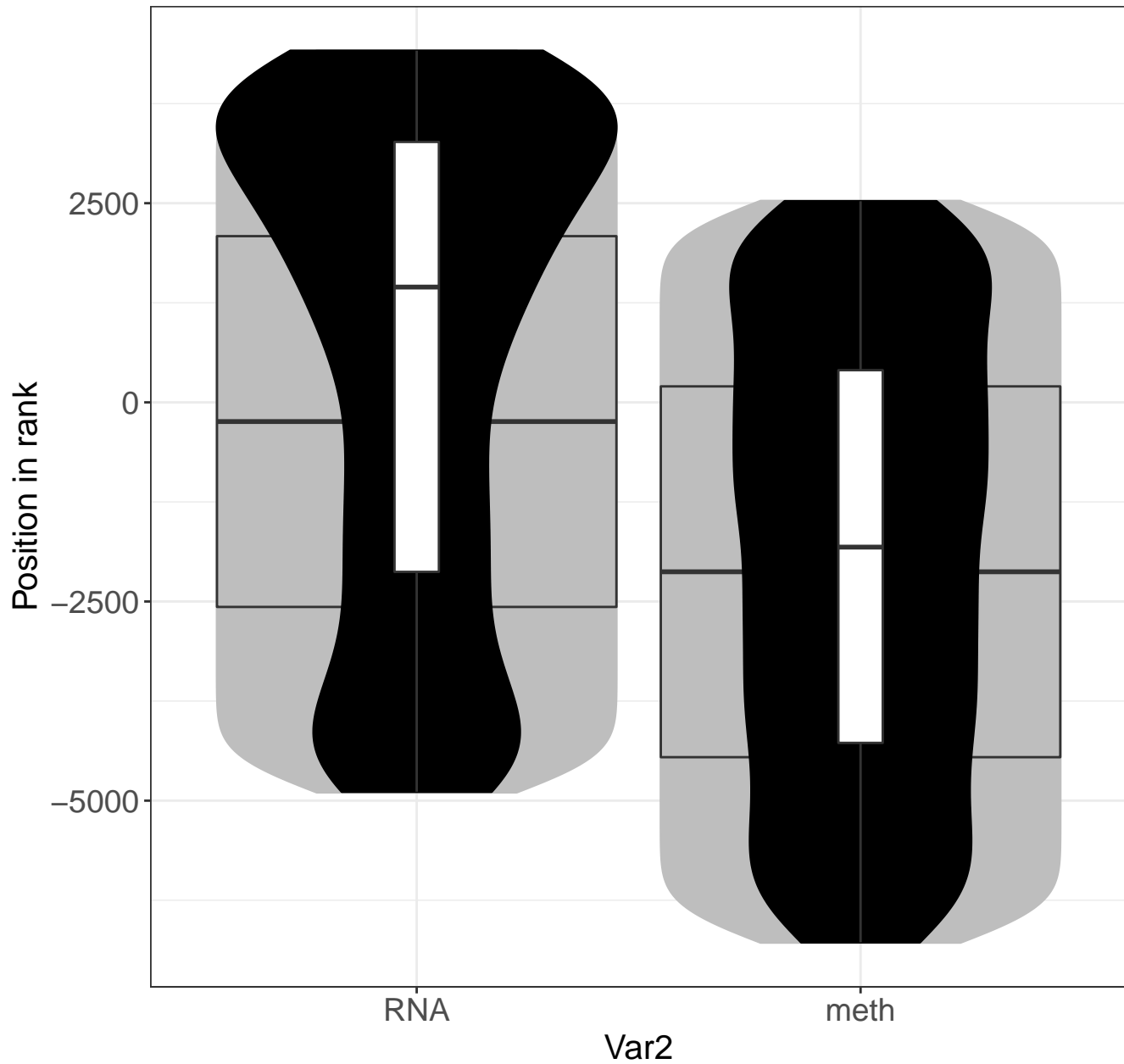
Immune System



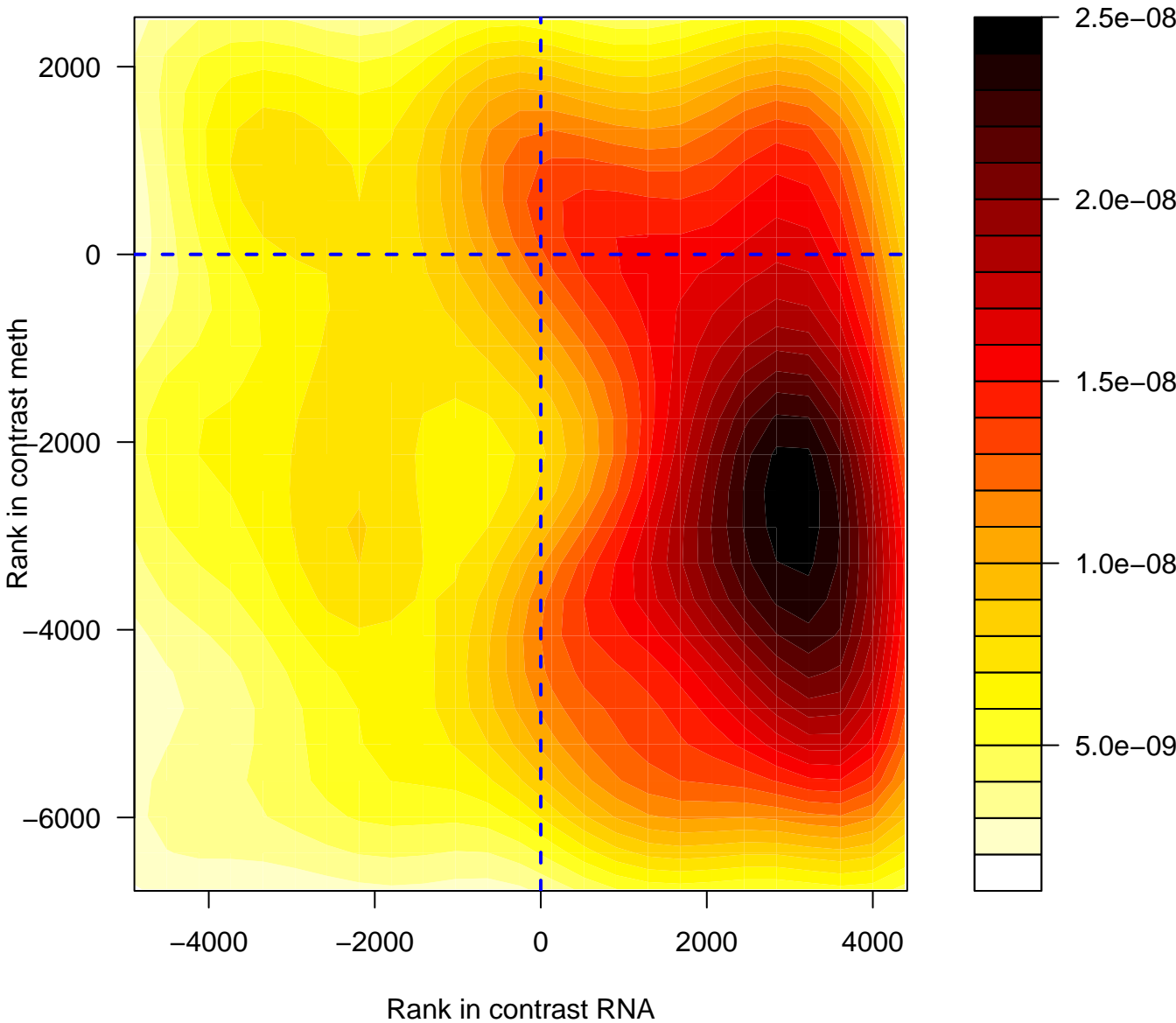
Immune System



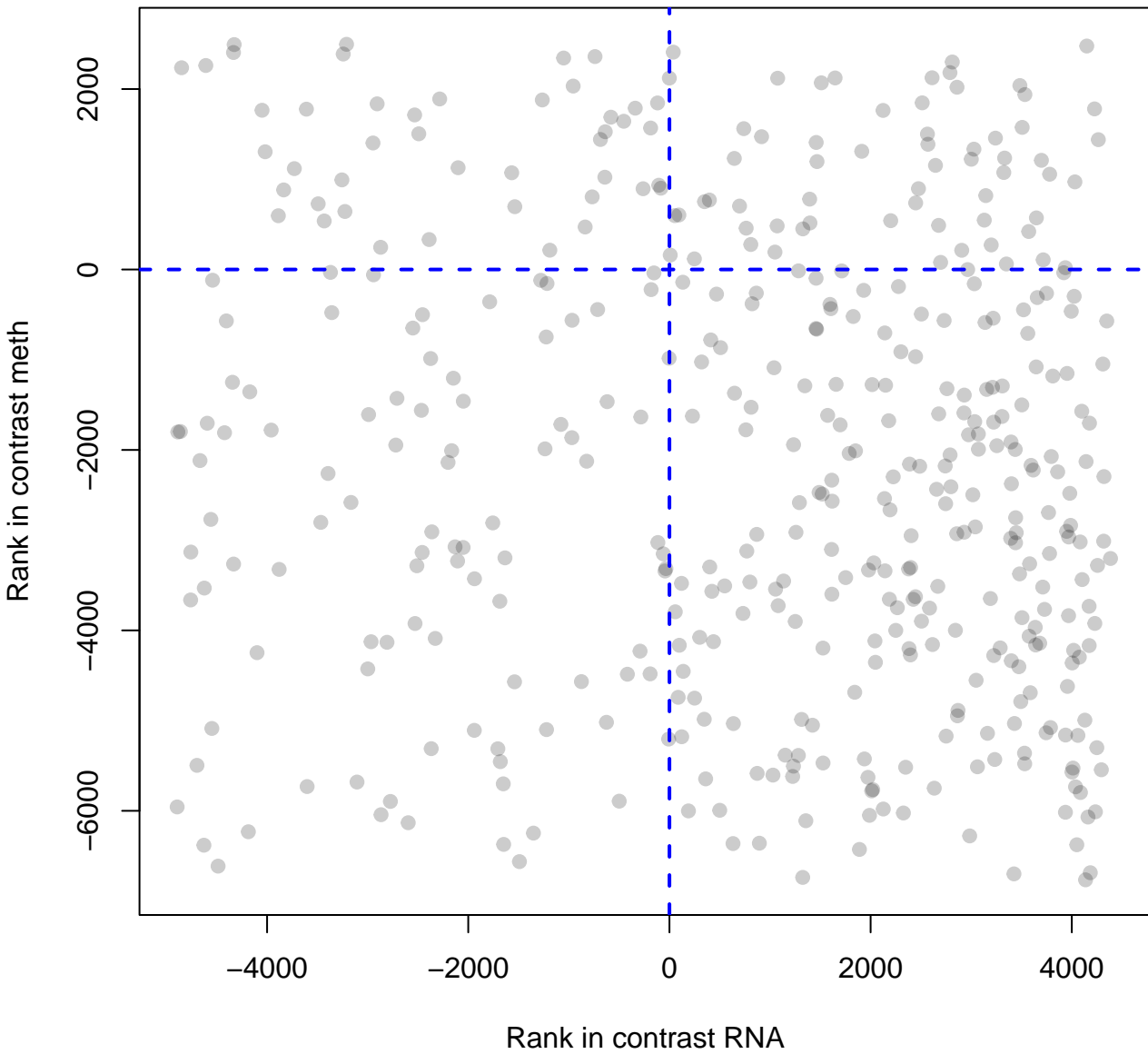
Immune System



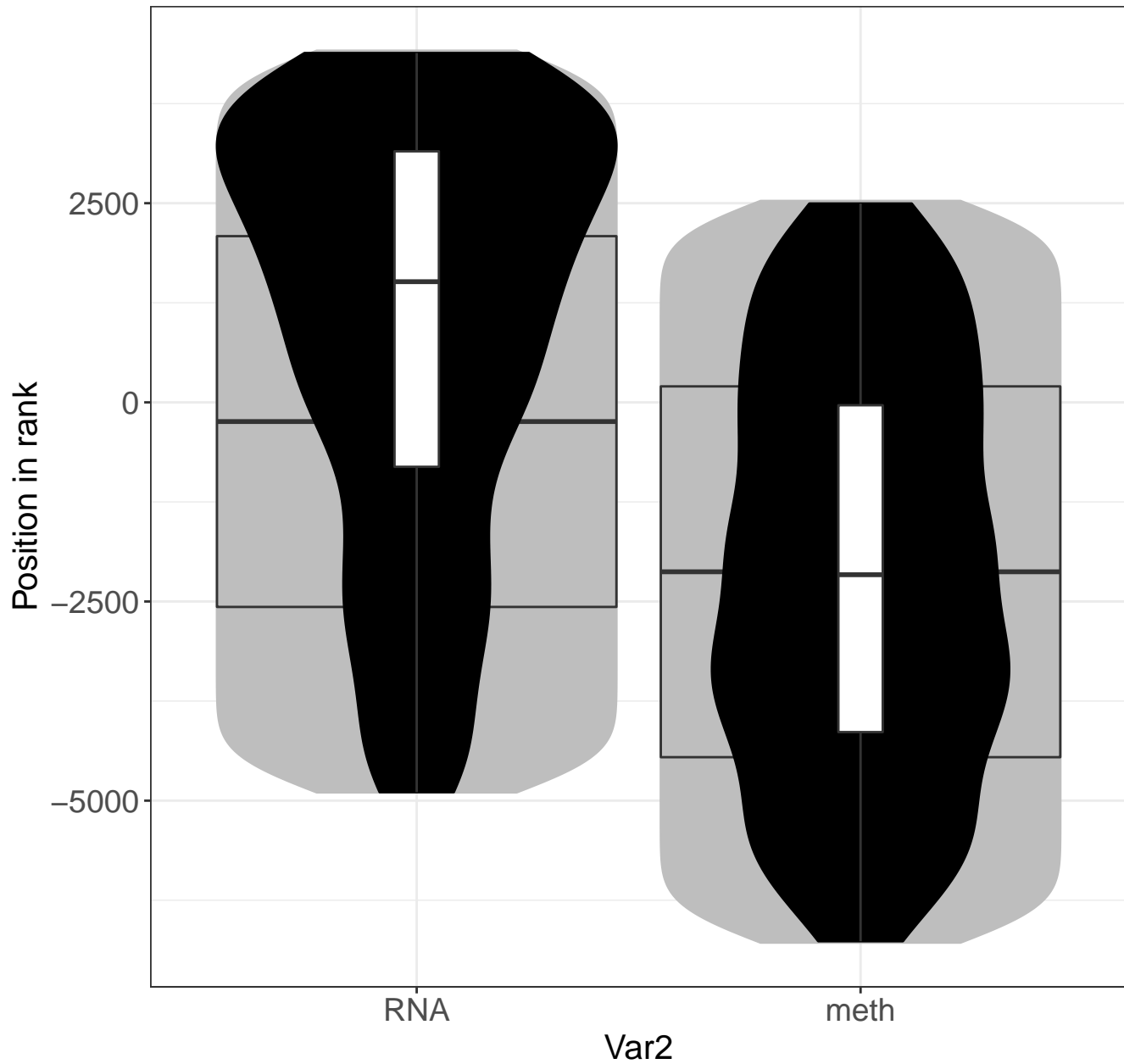
Vesicle-mediated transport



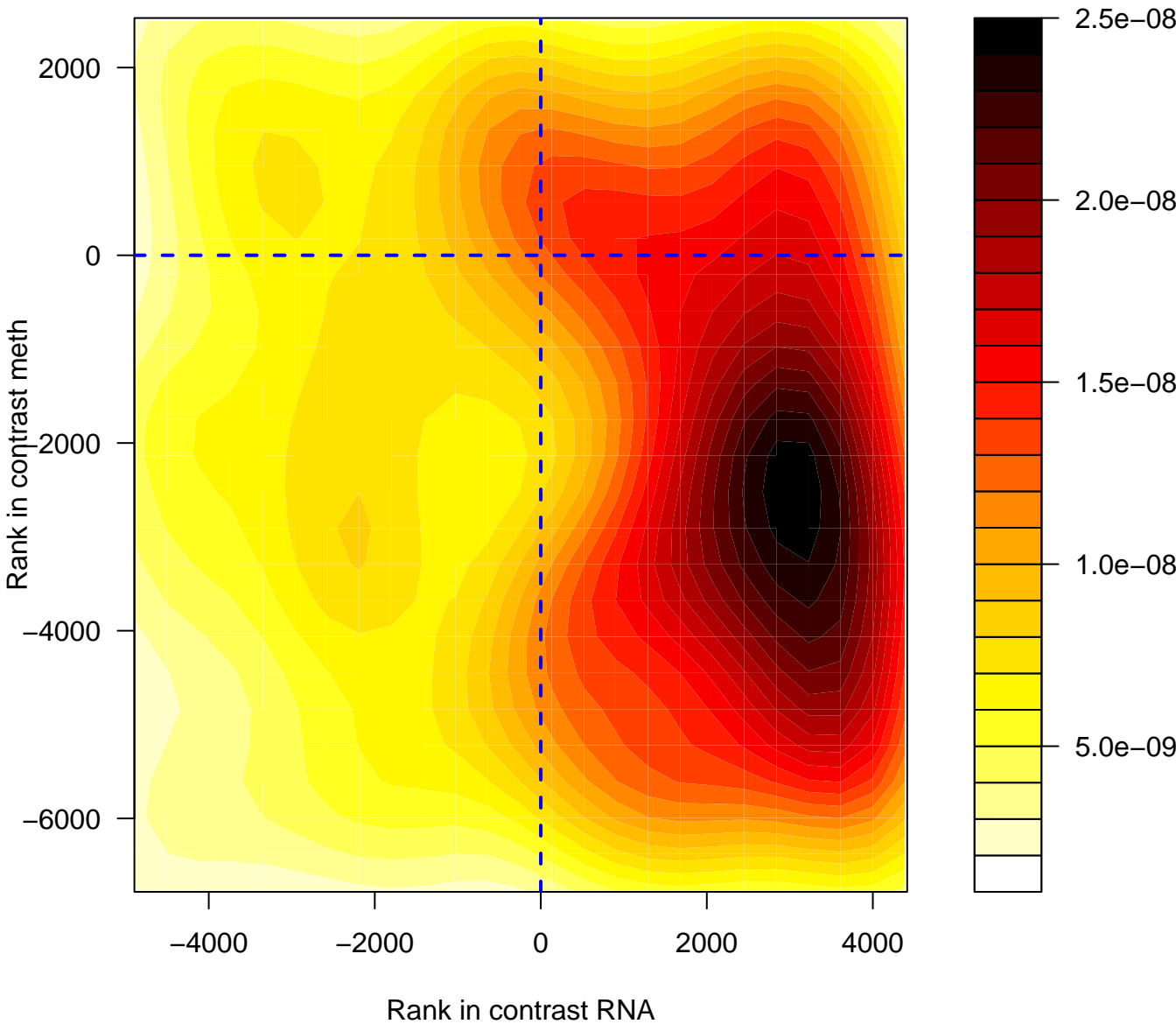
Vesicle-mediated transport



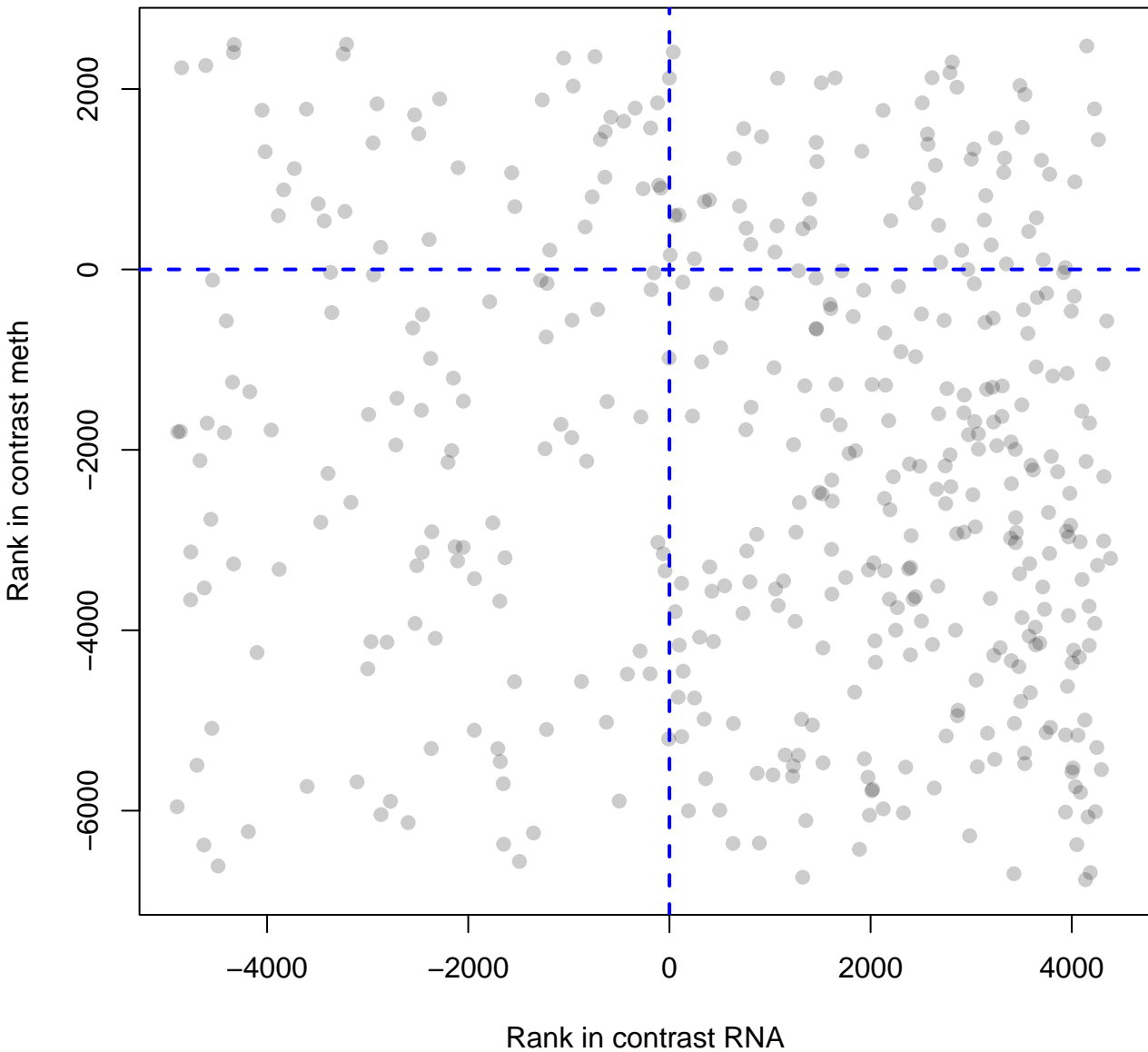
Vesicle-mediated transport



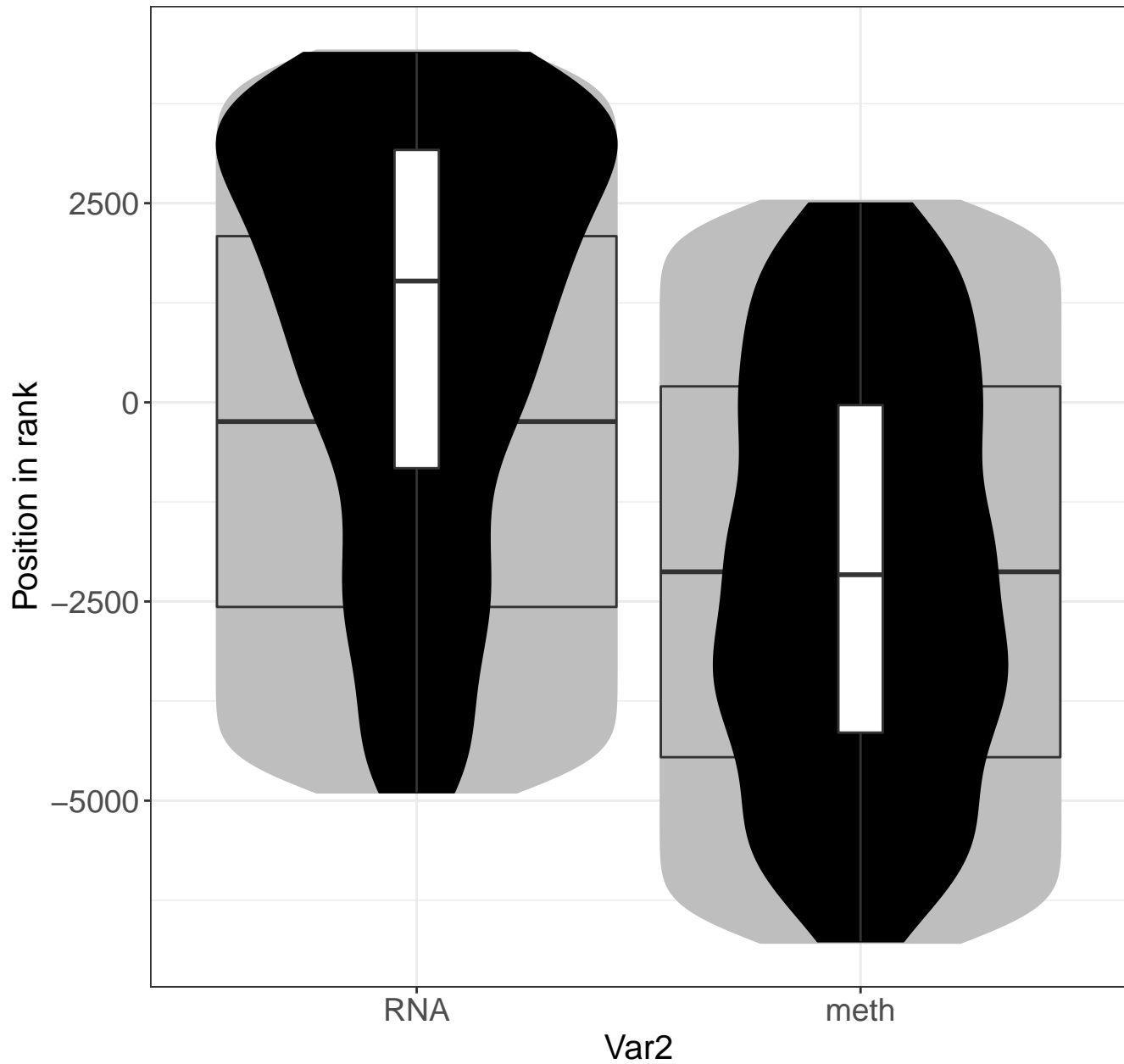
Membrane Trafficking



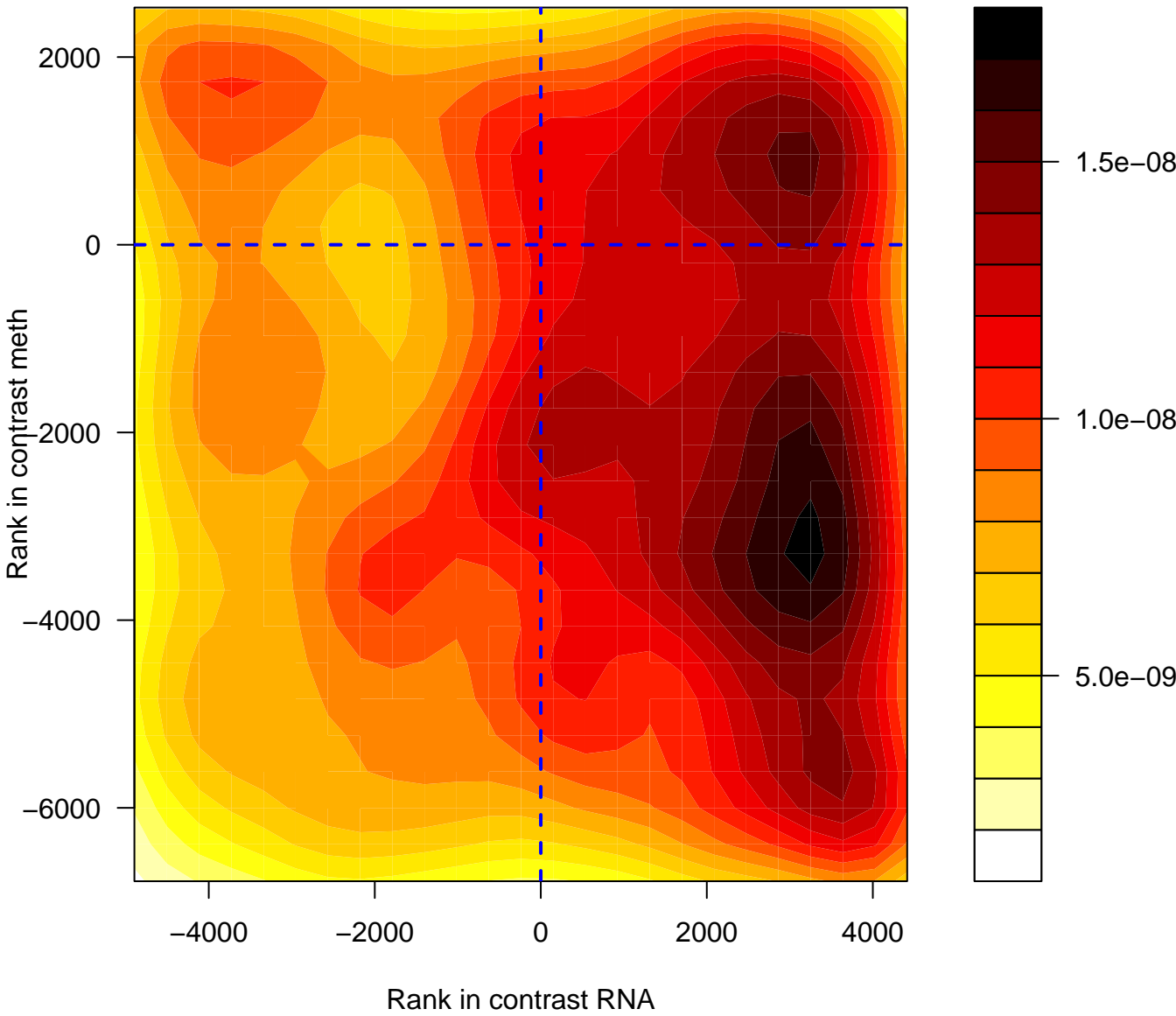
Membrane Trafficking



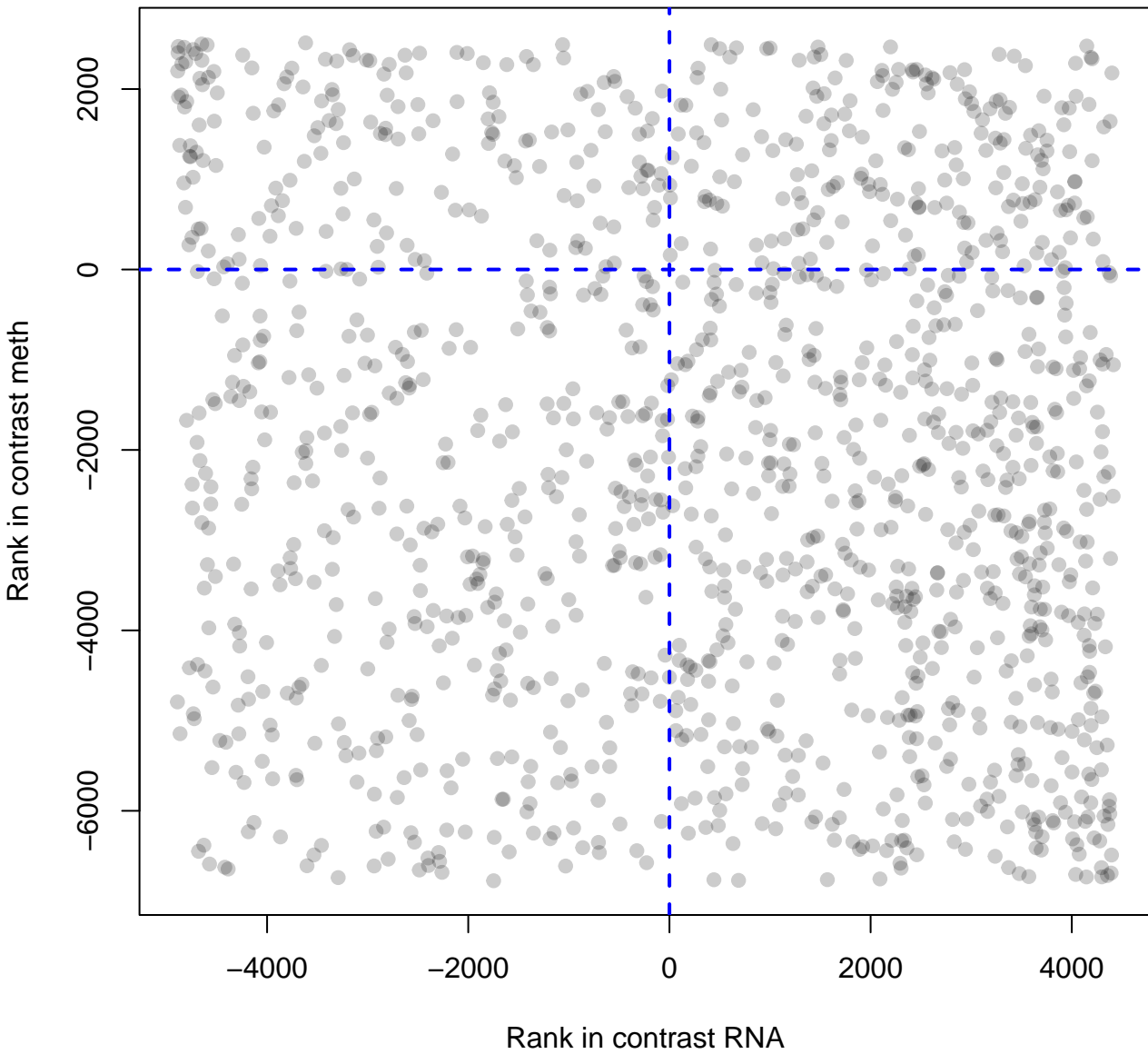
Membrane Trafficking



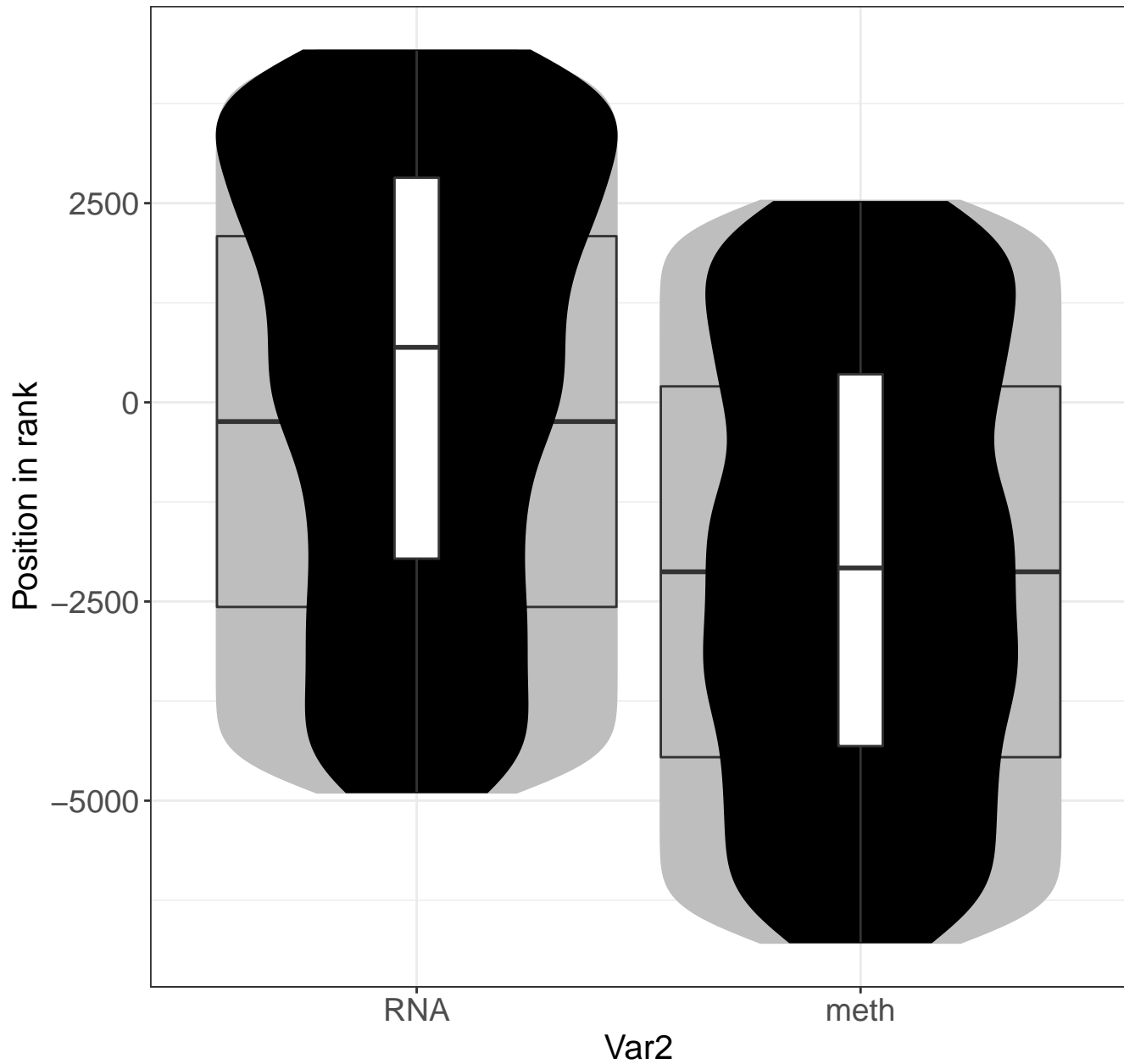
Signal Transduction



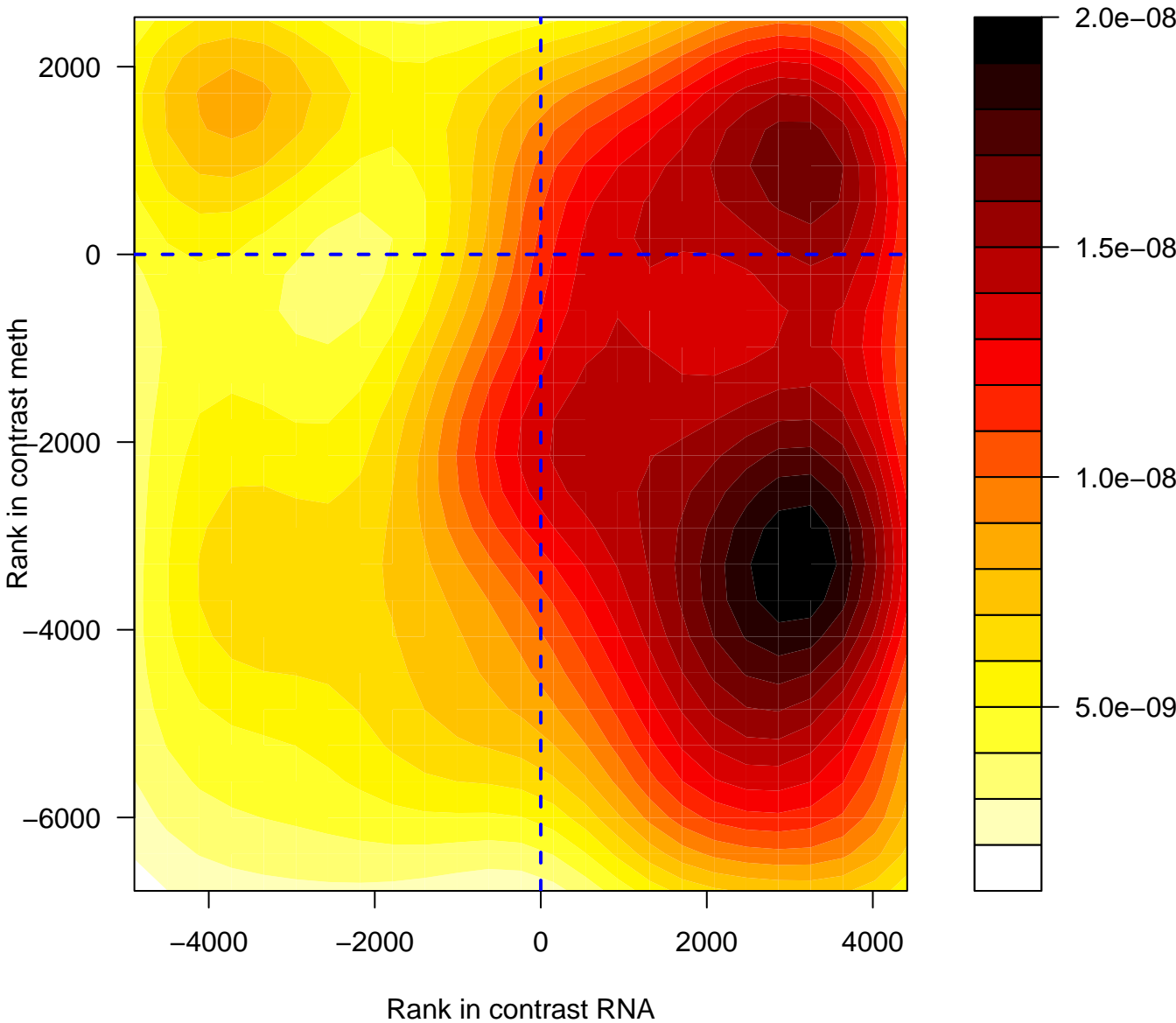
Signal Transduction



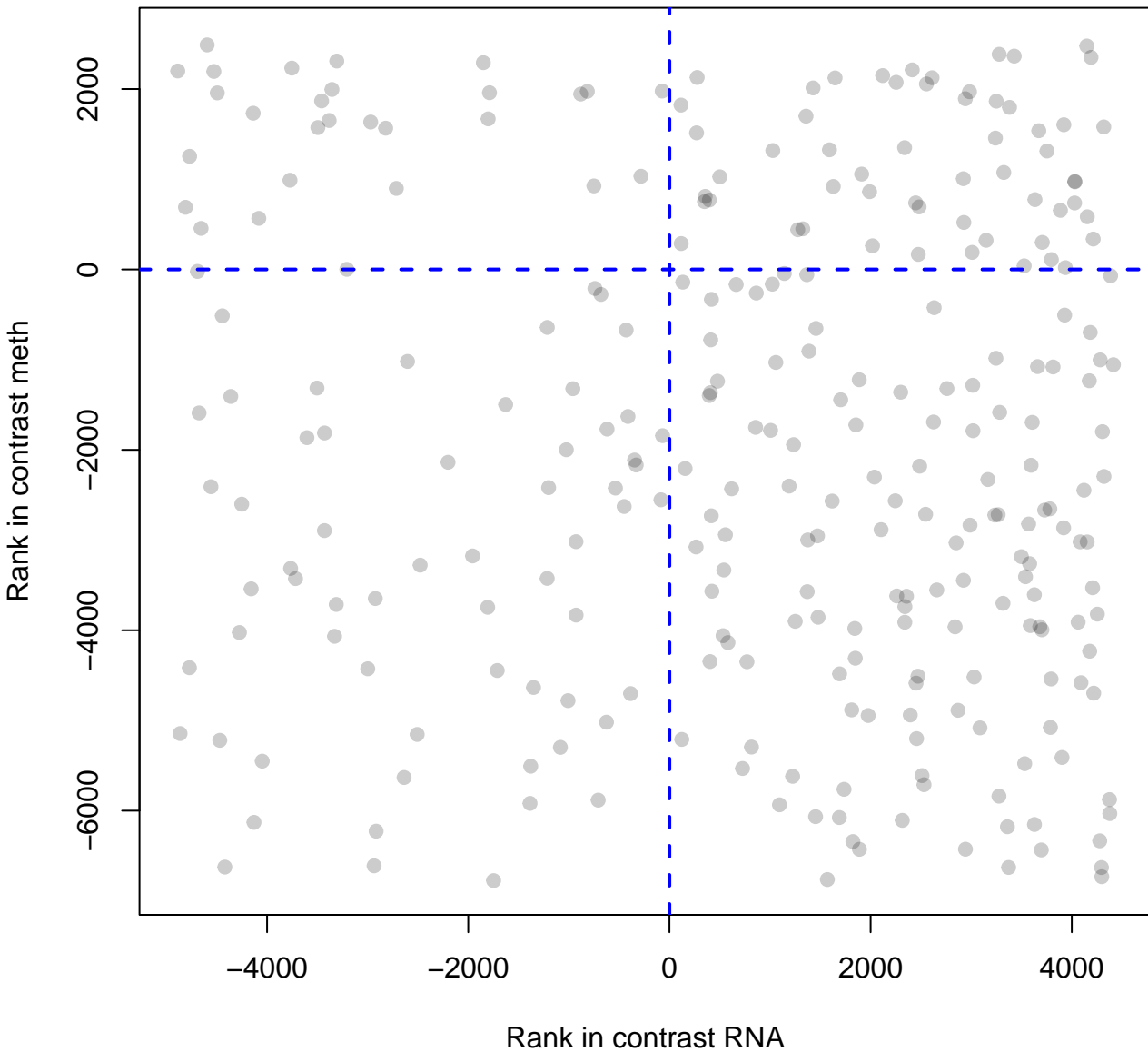
Signal Transduction



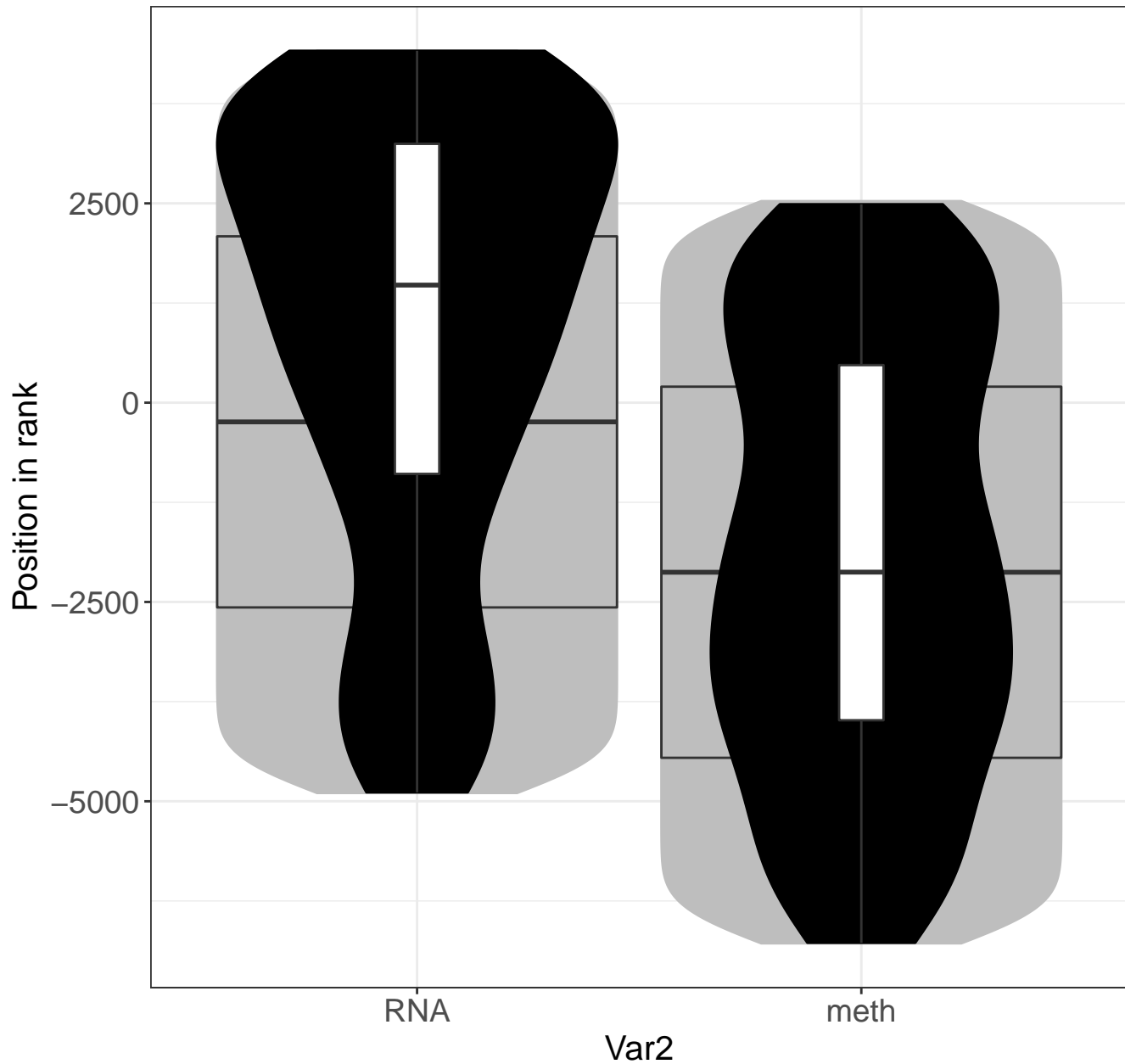
Signaling by Receptor Tyrosine Kinases



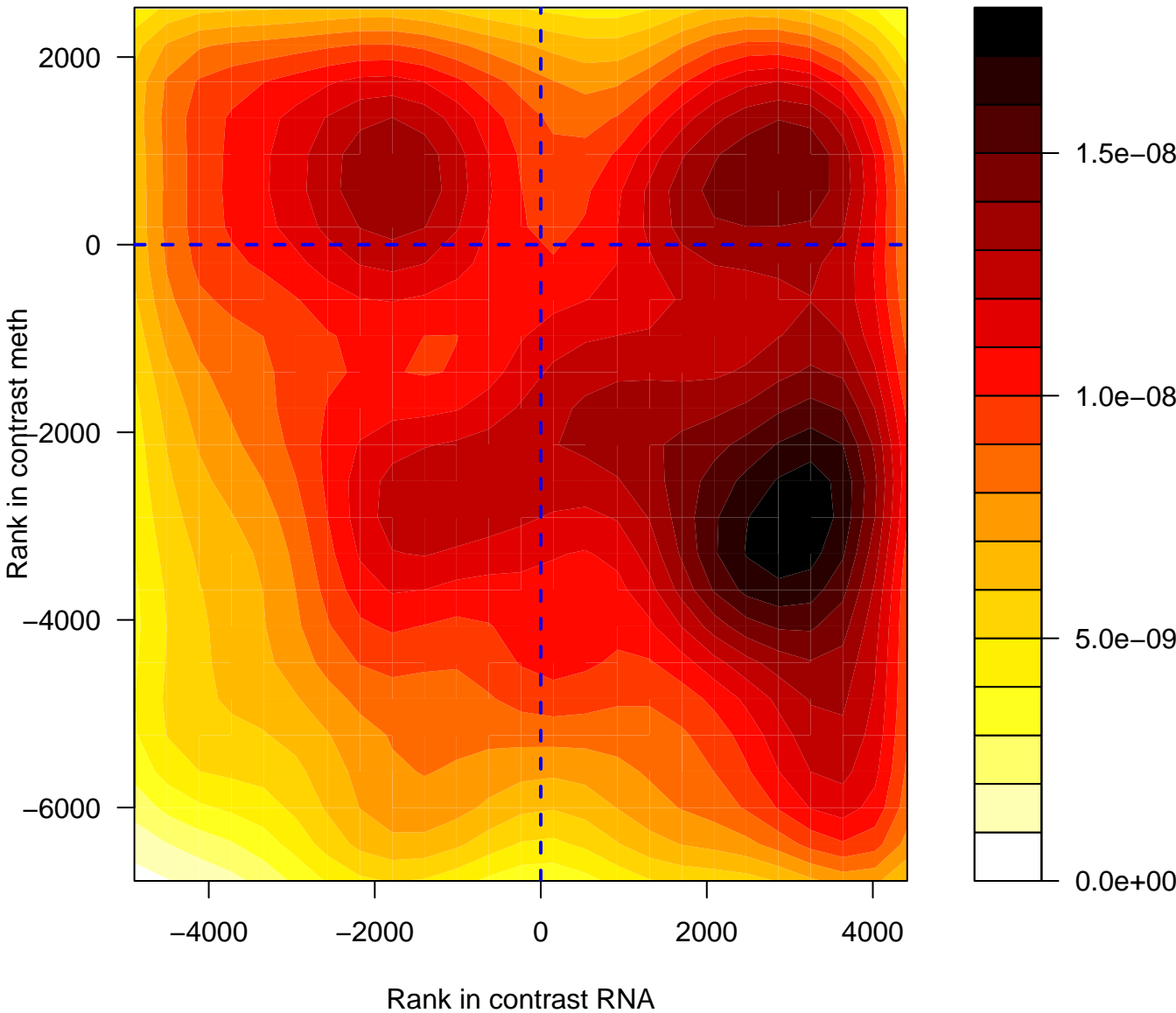
Signaling by Receptor Tyrosine Kinases



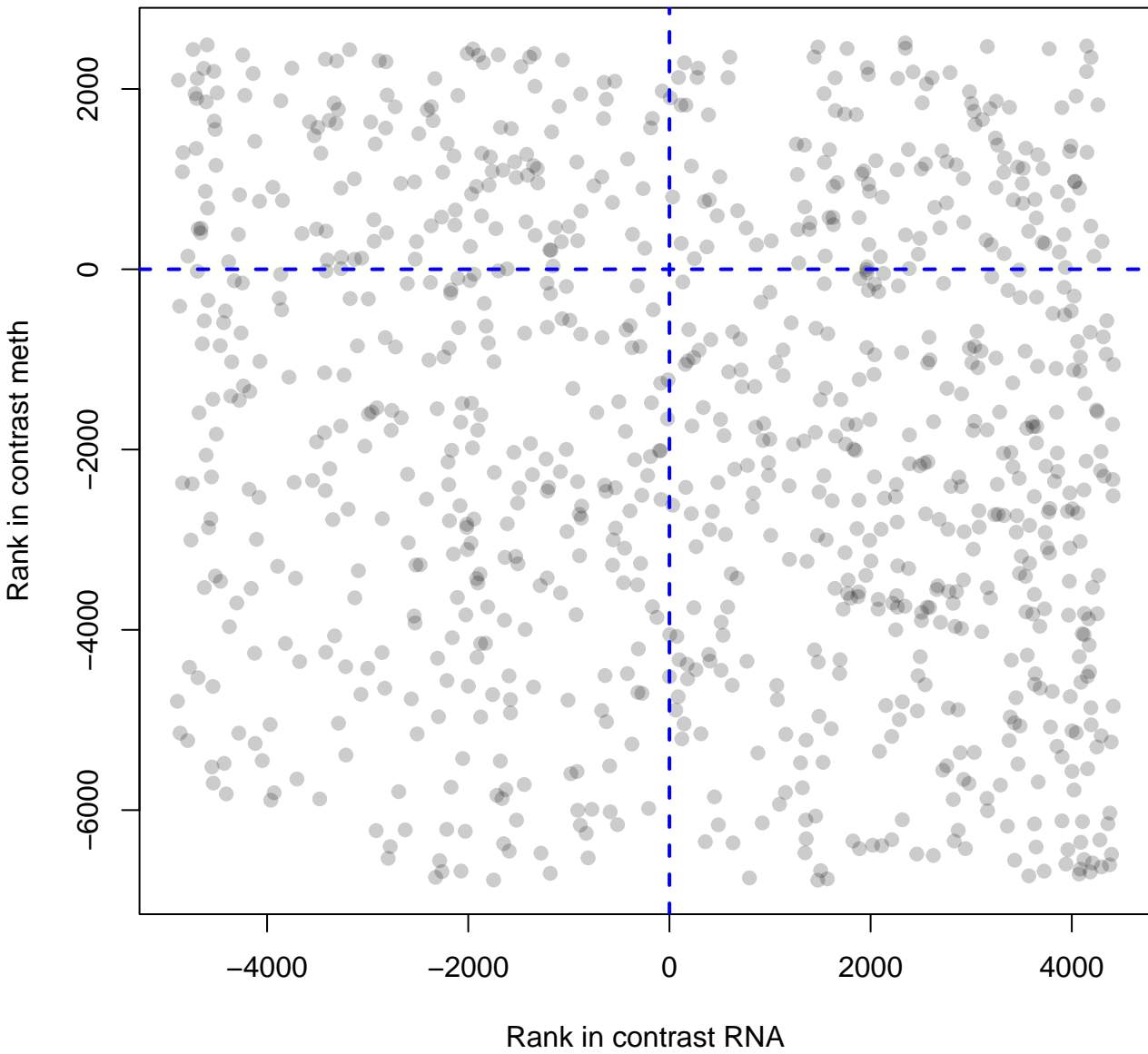
Signaling by Receptor Tyrosine Kinases



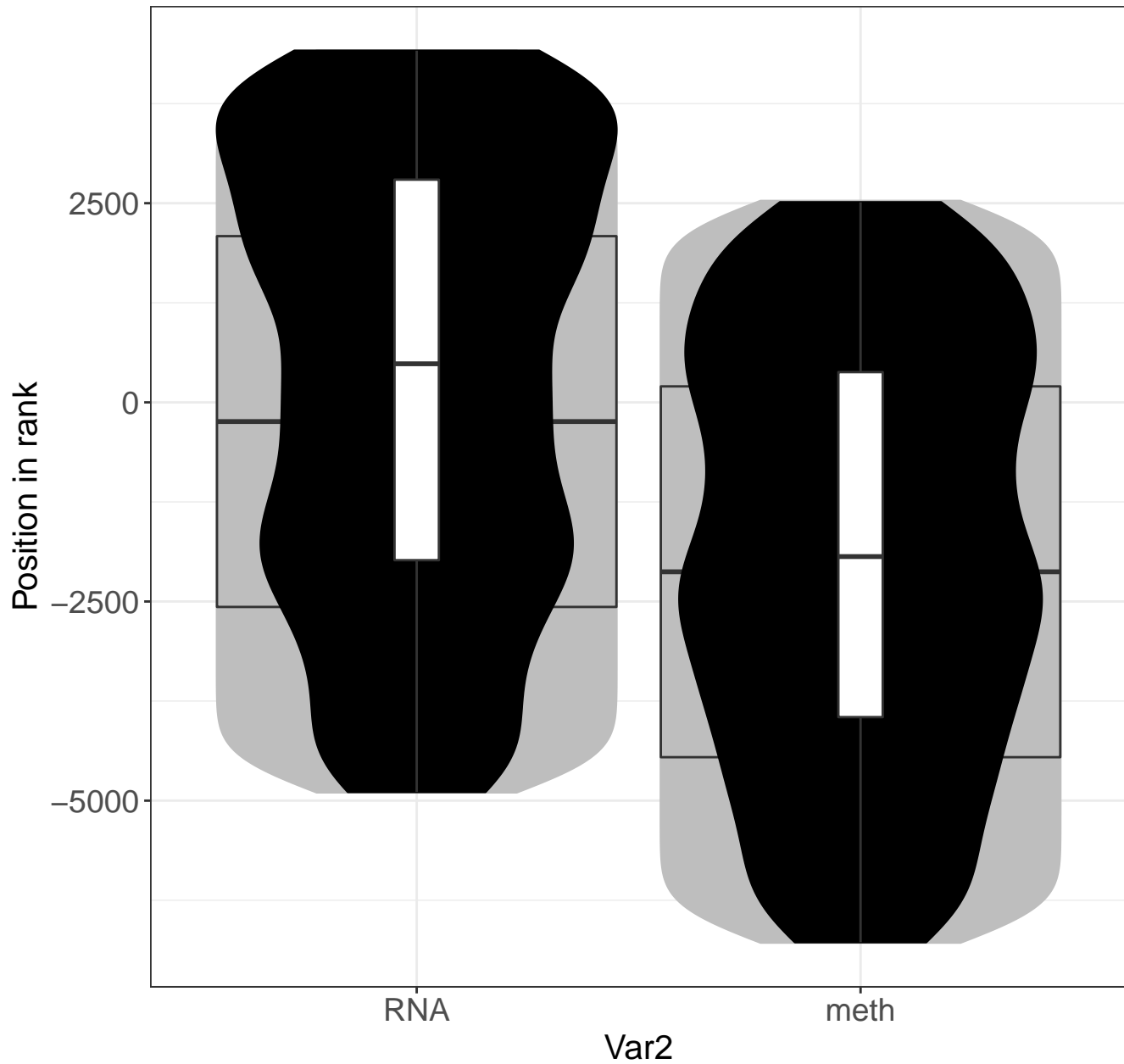
Disease



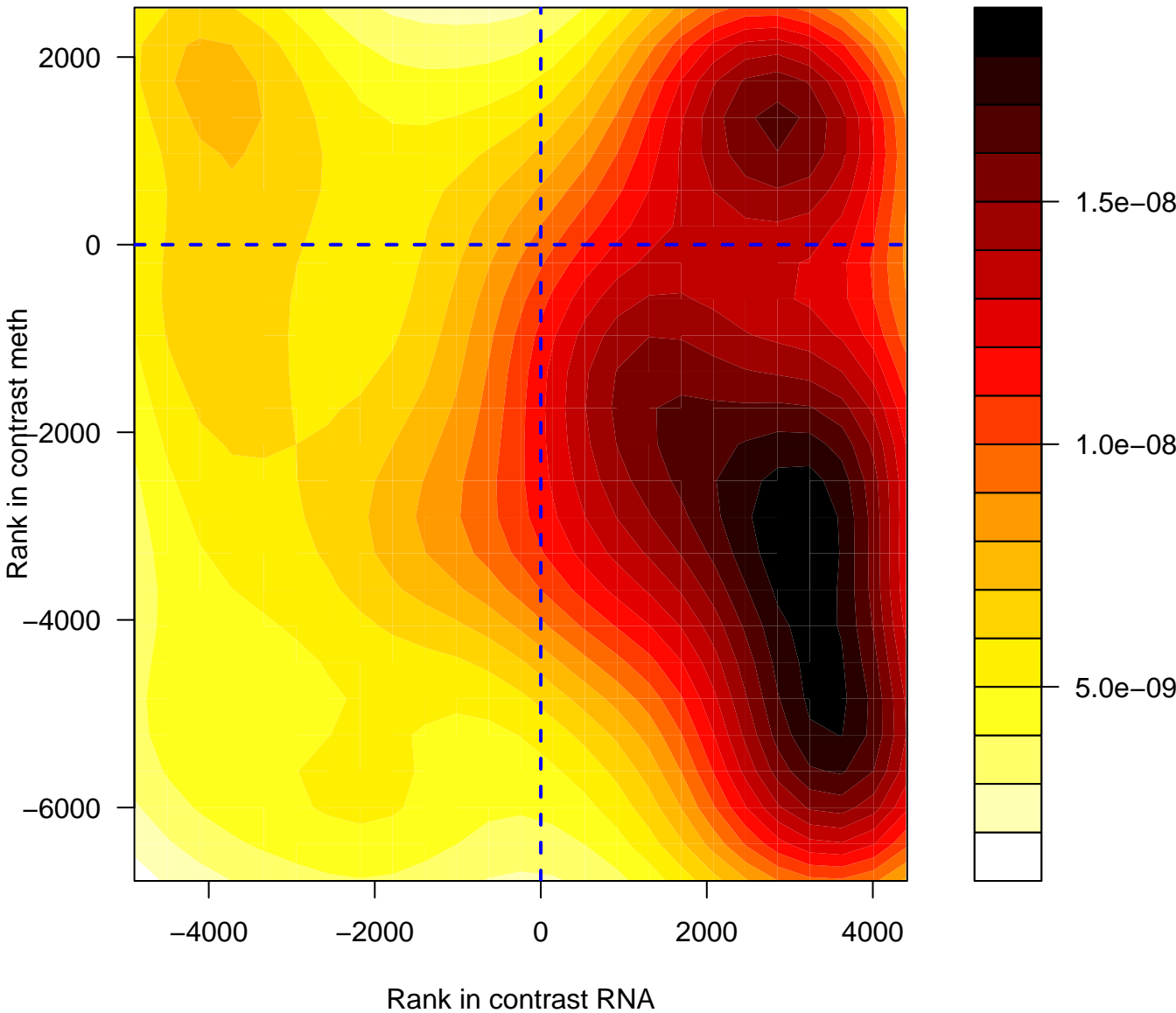
Disease



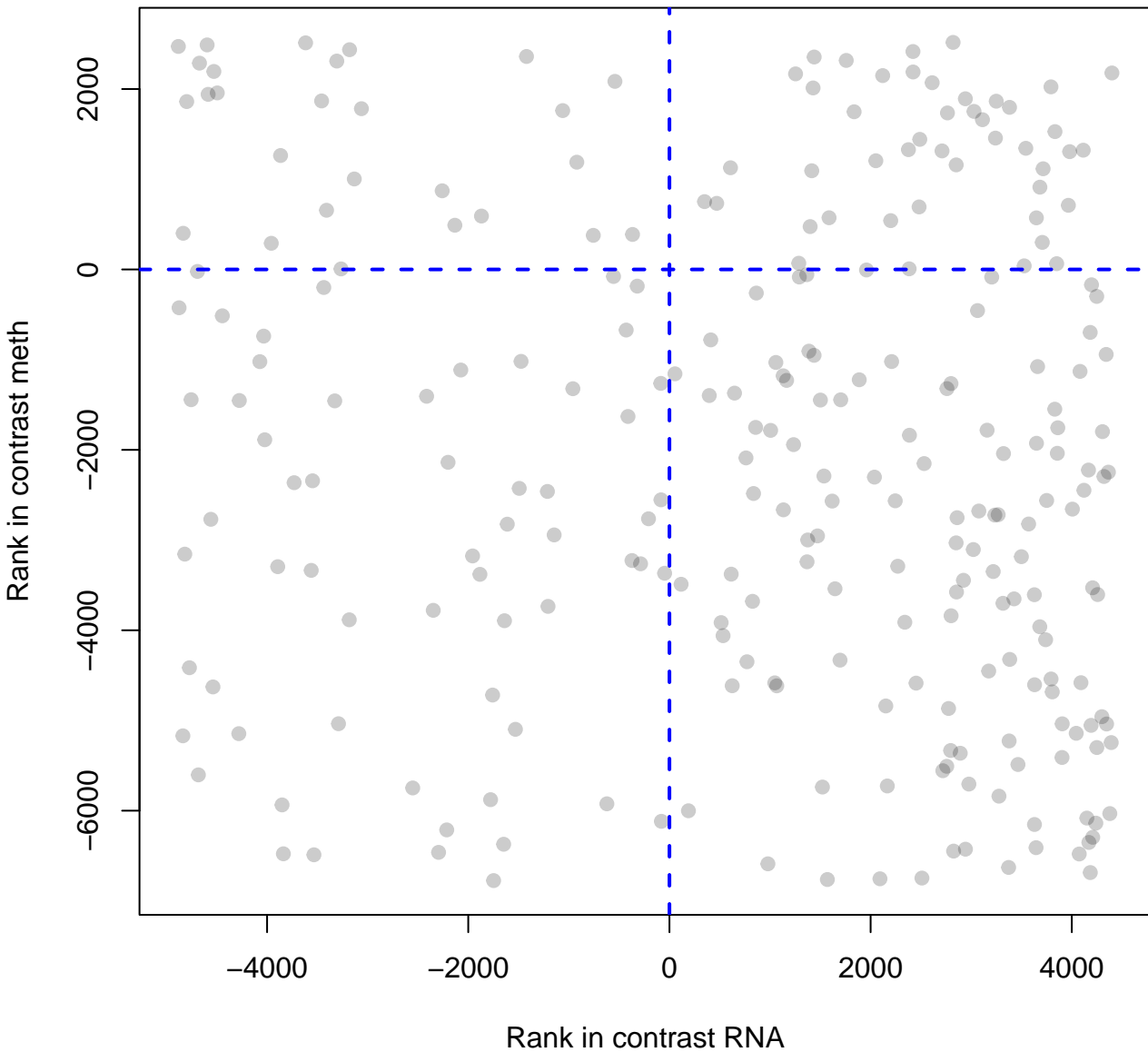
Disease



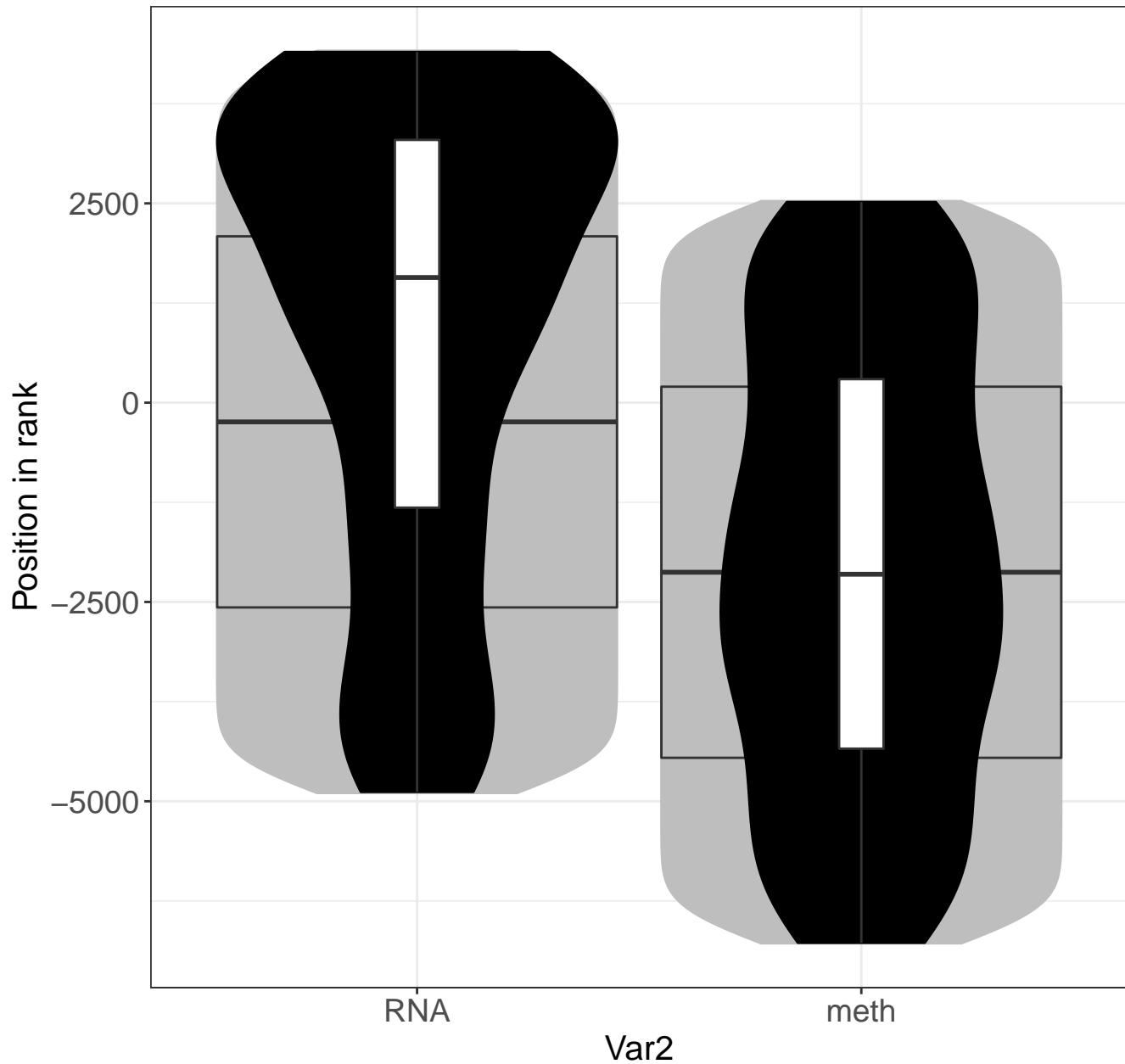
Signaling by Interleukins



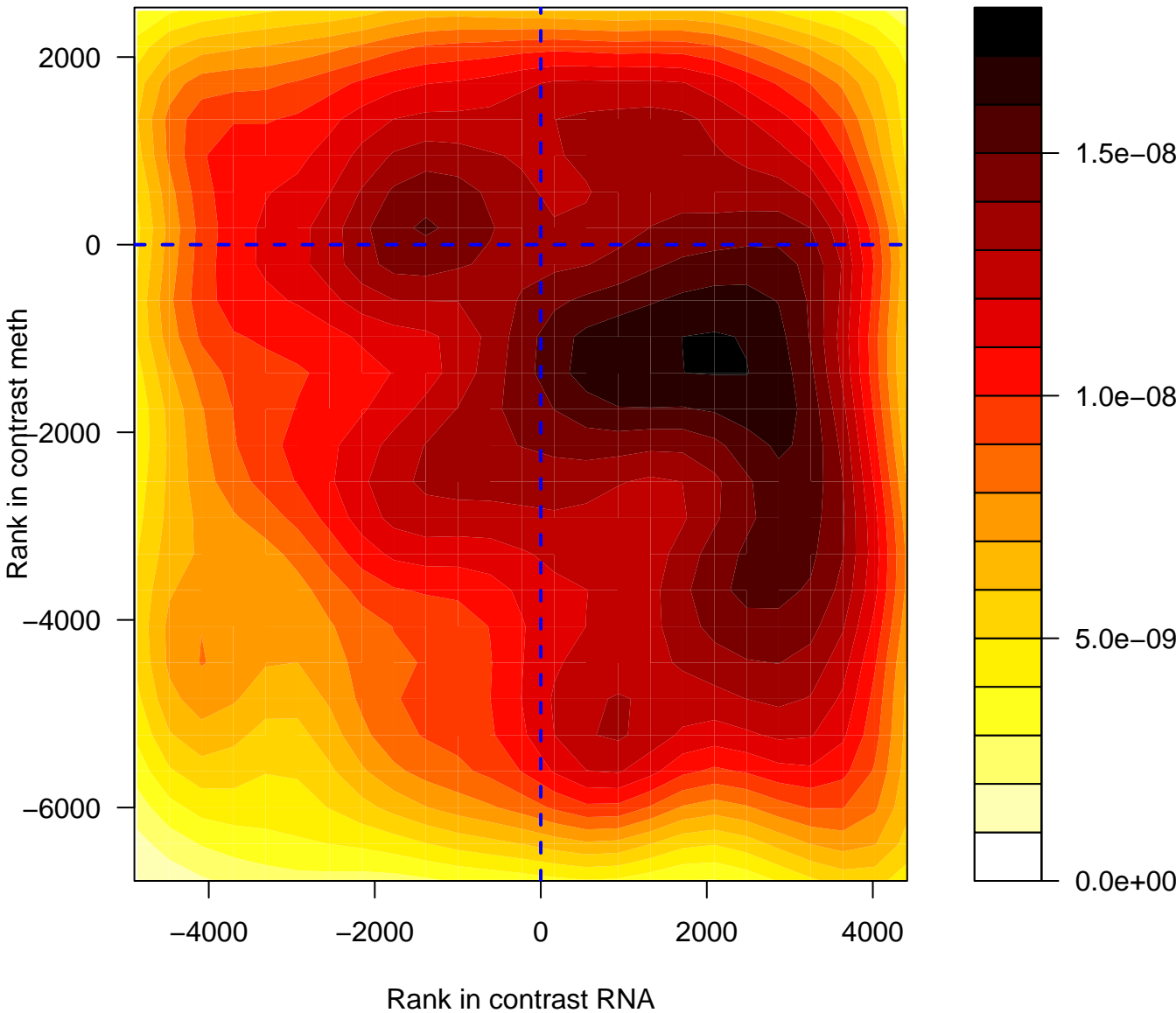
Signaling by Interleukins



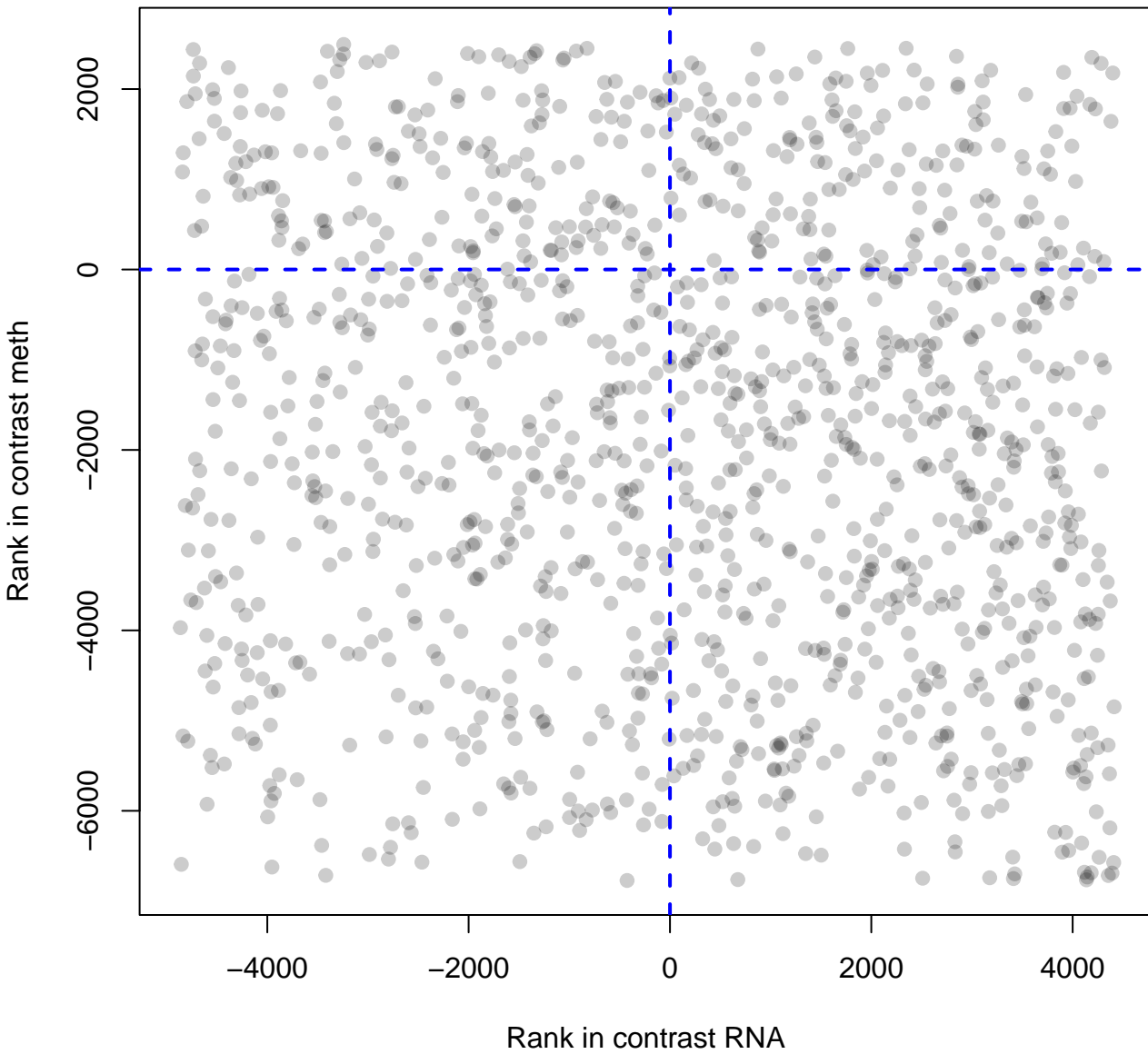
Signaling by Interleukins



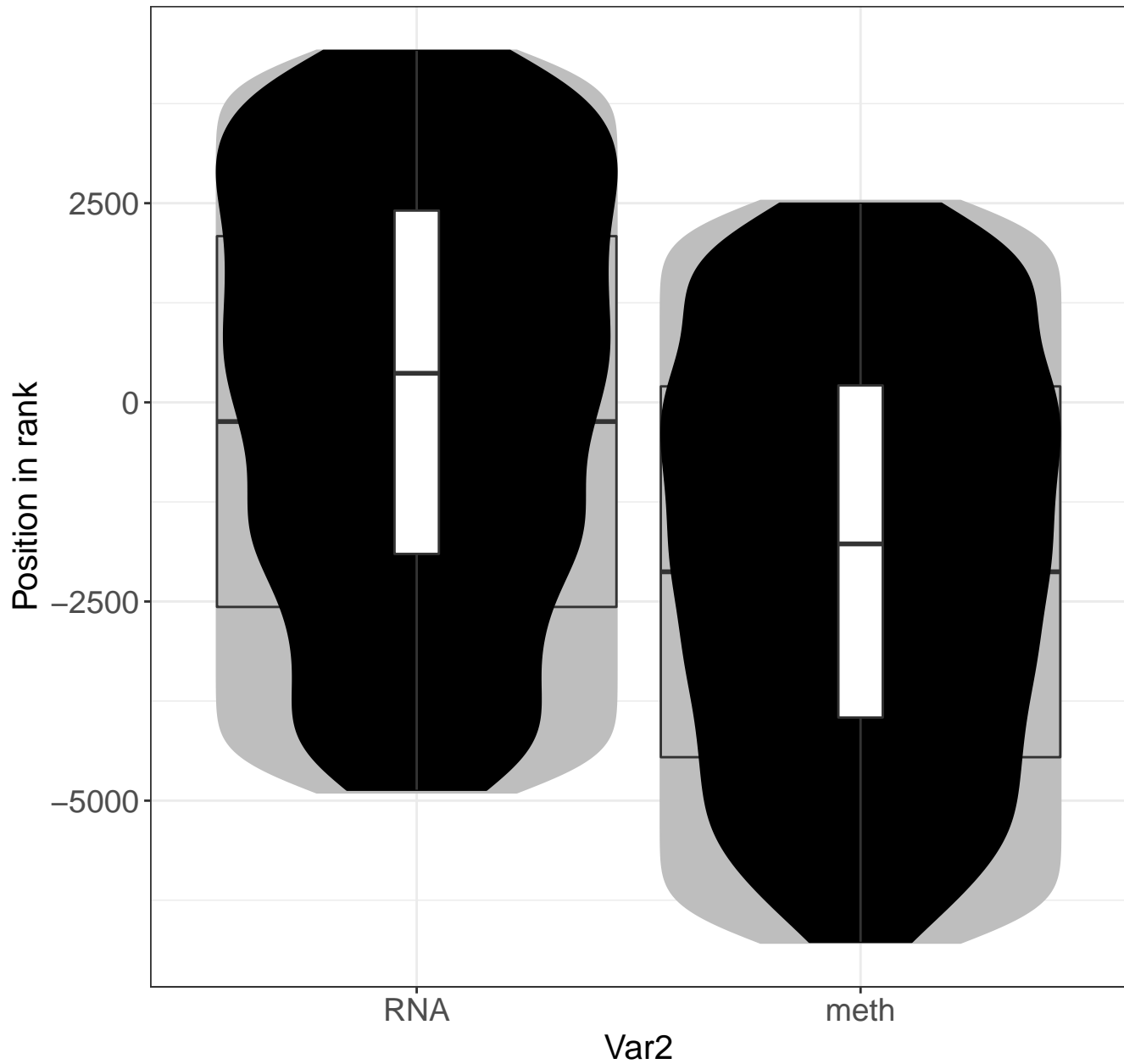
Metabolism of proteins



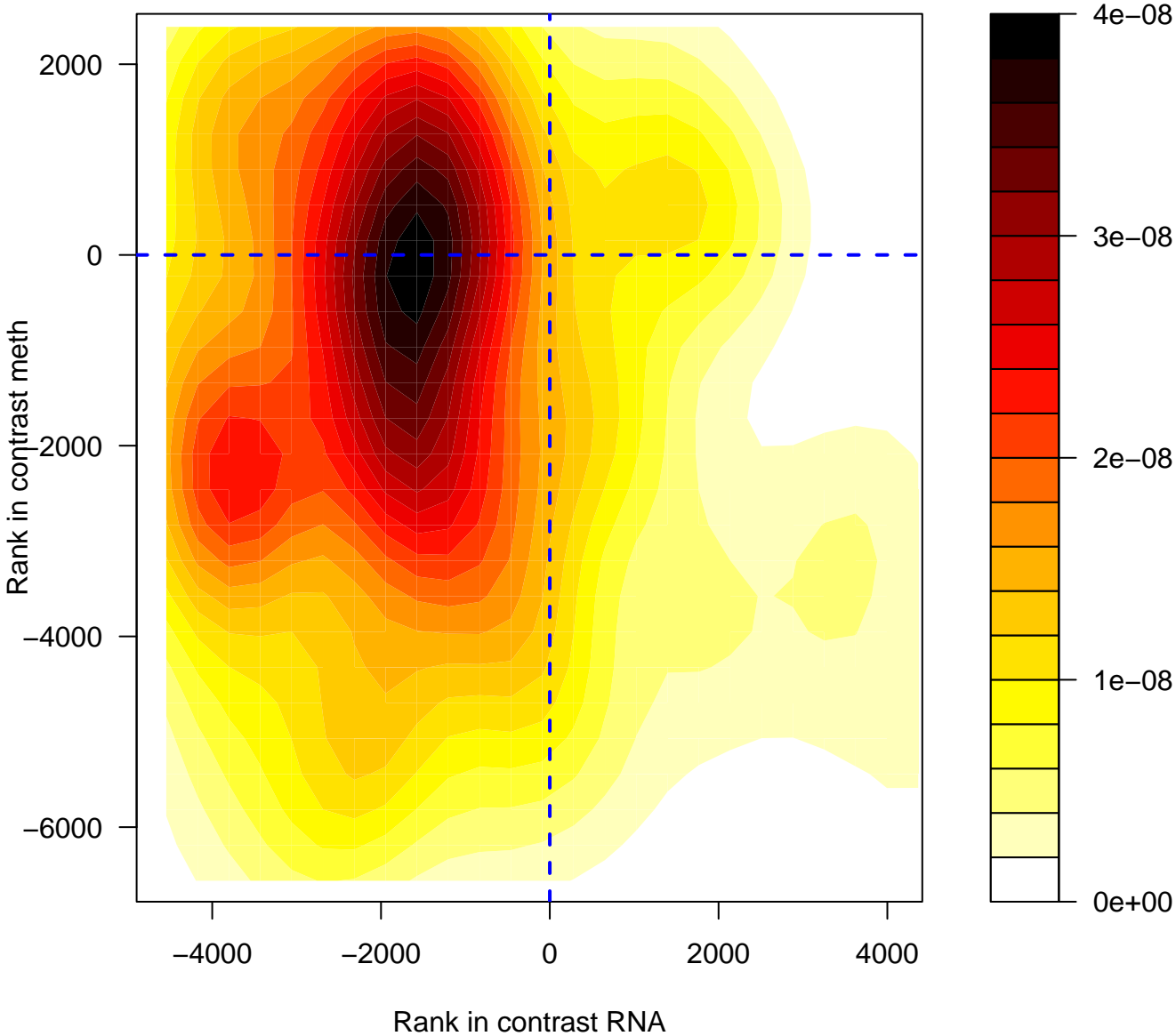
Metabolism of proteins



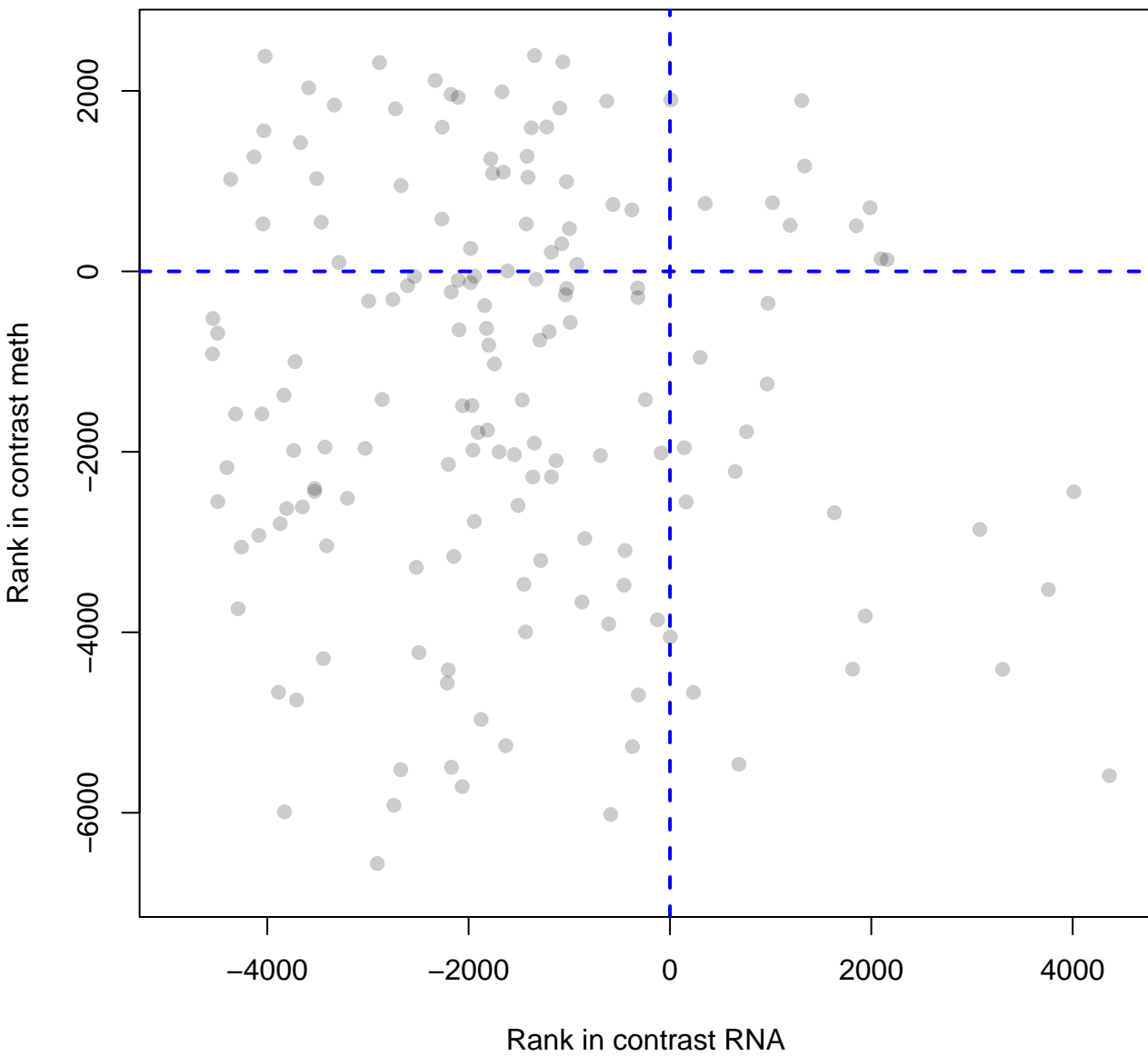
Metabolism of proteins



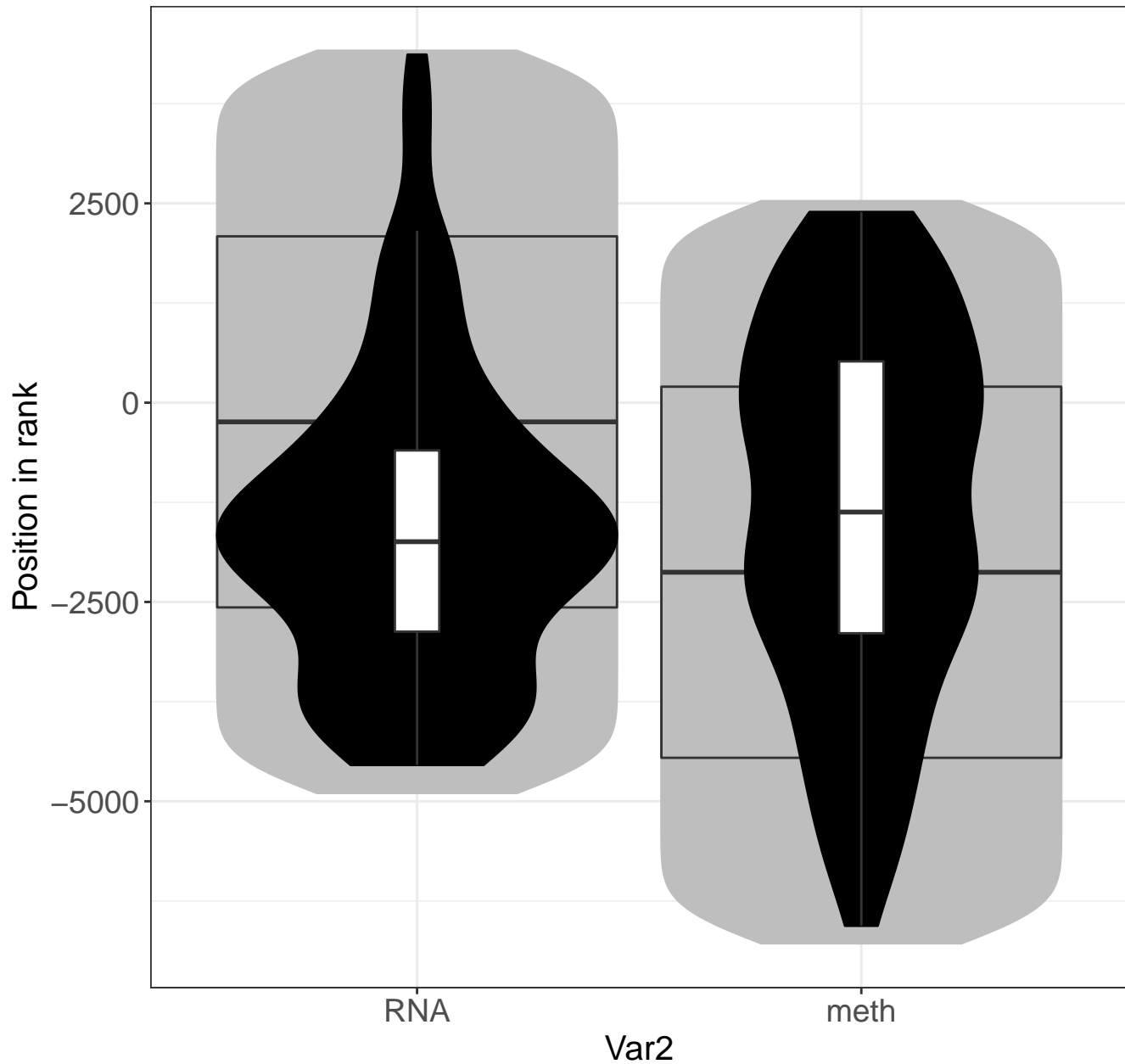
rRNA processing



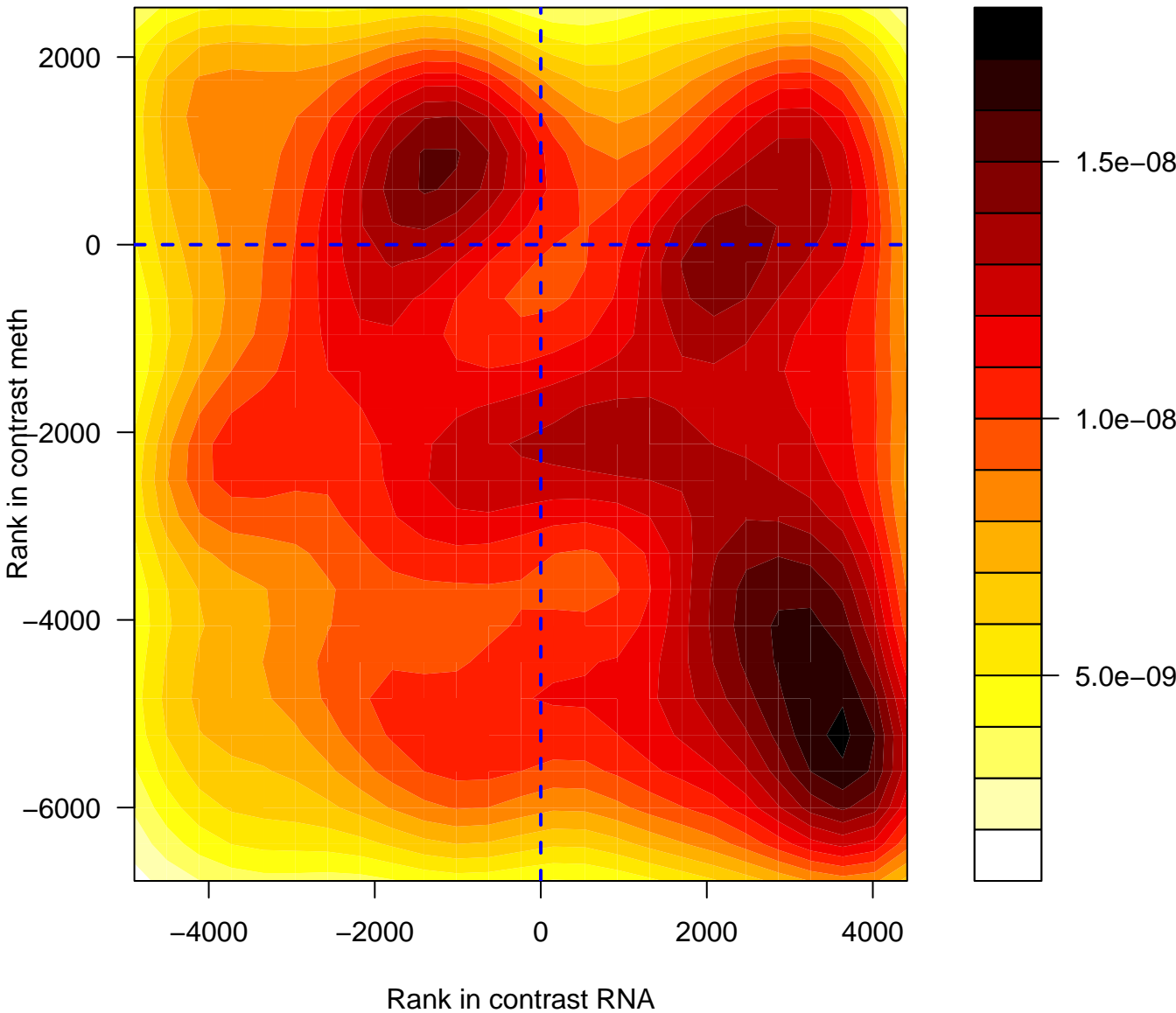
rRNA processing



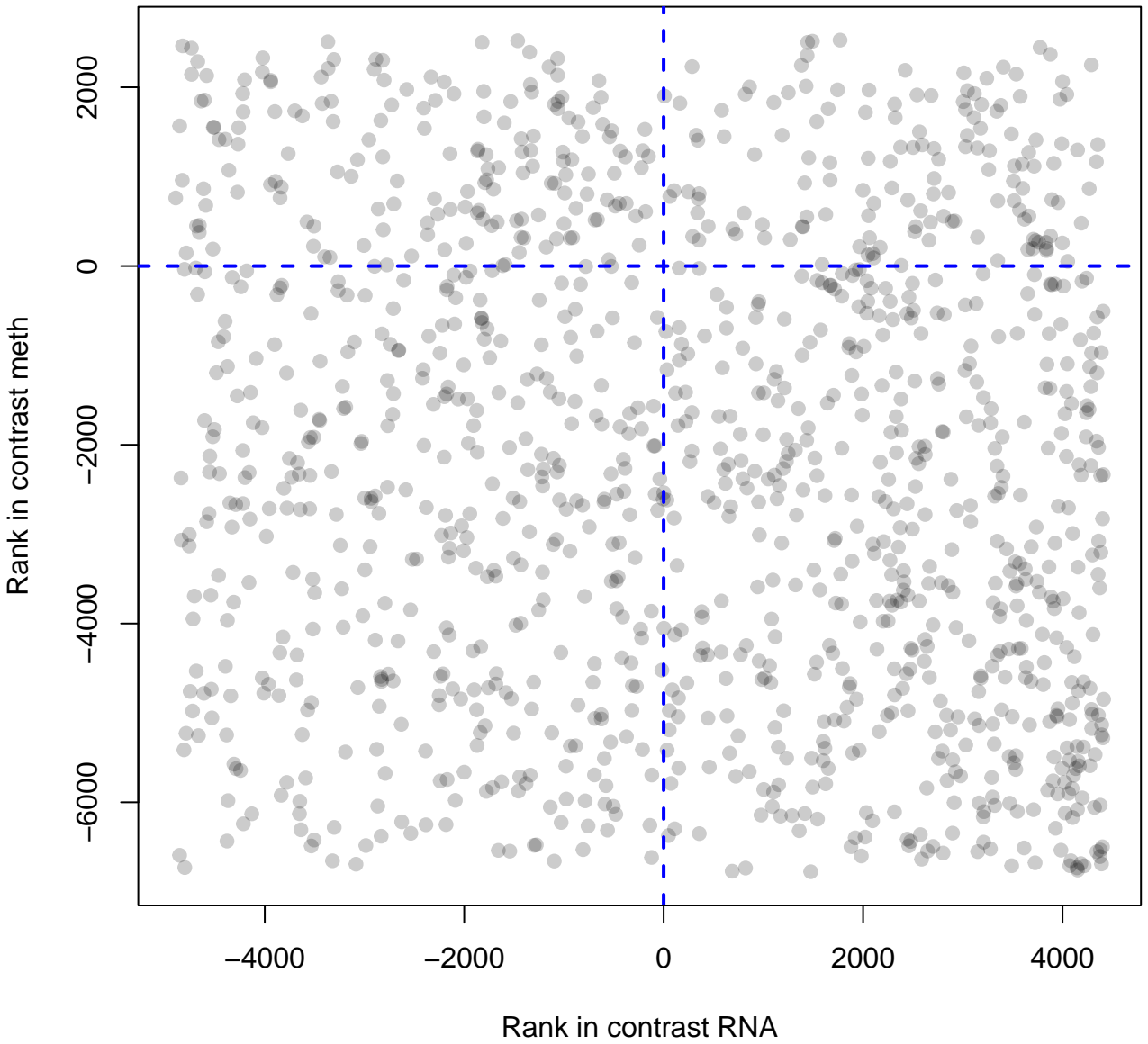
rRNA processing



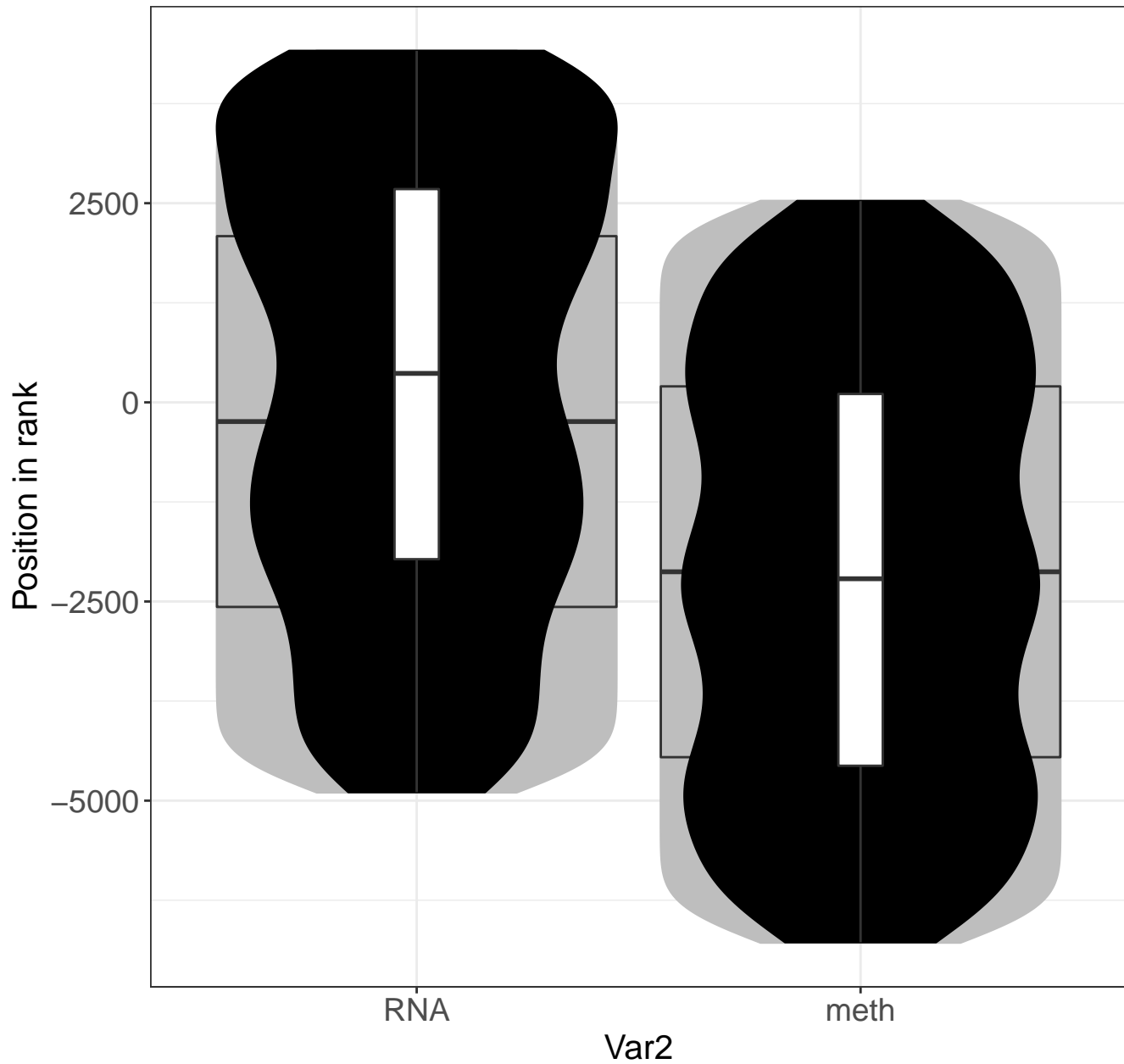
Metabolism



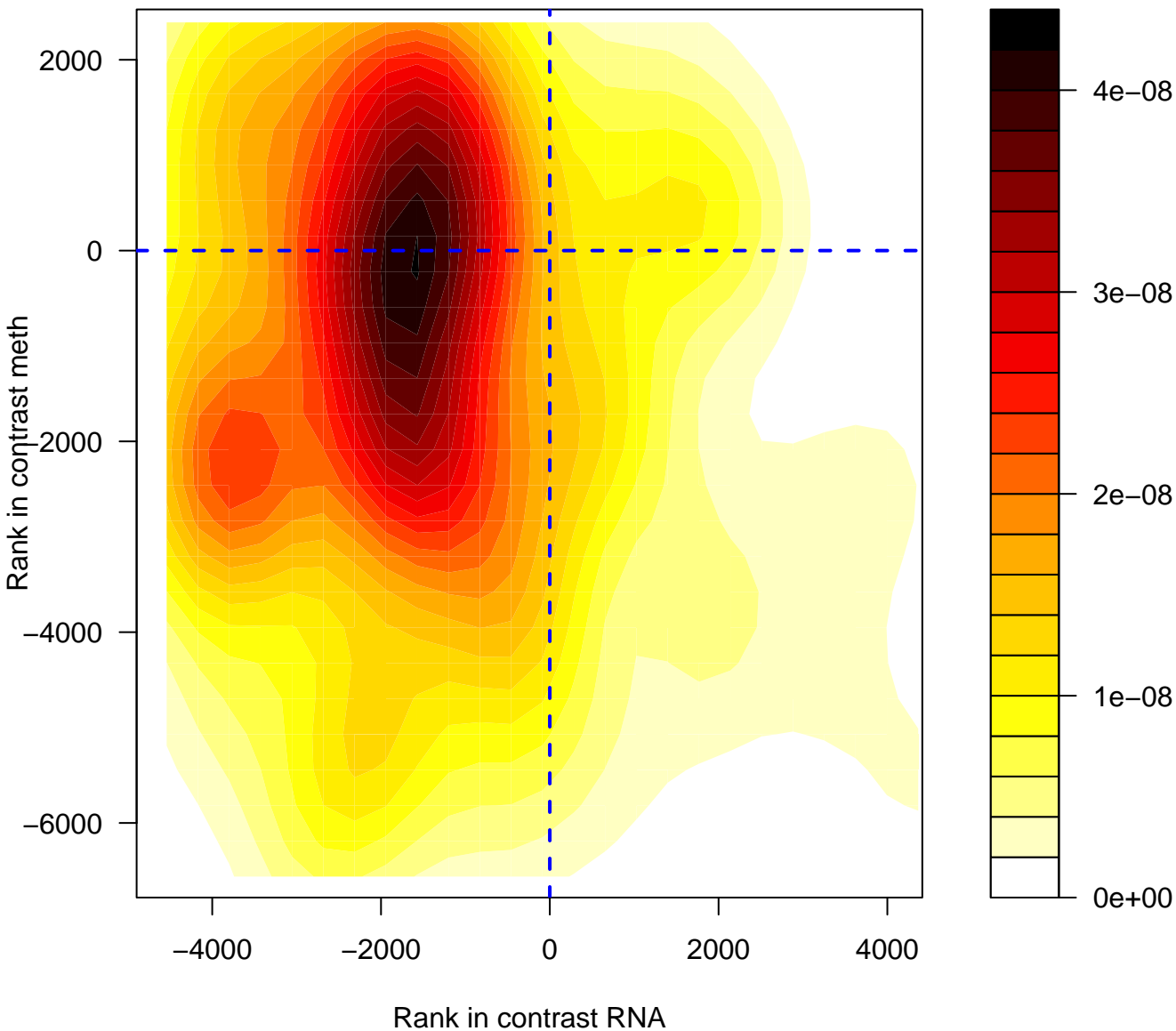
Metabolism



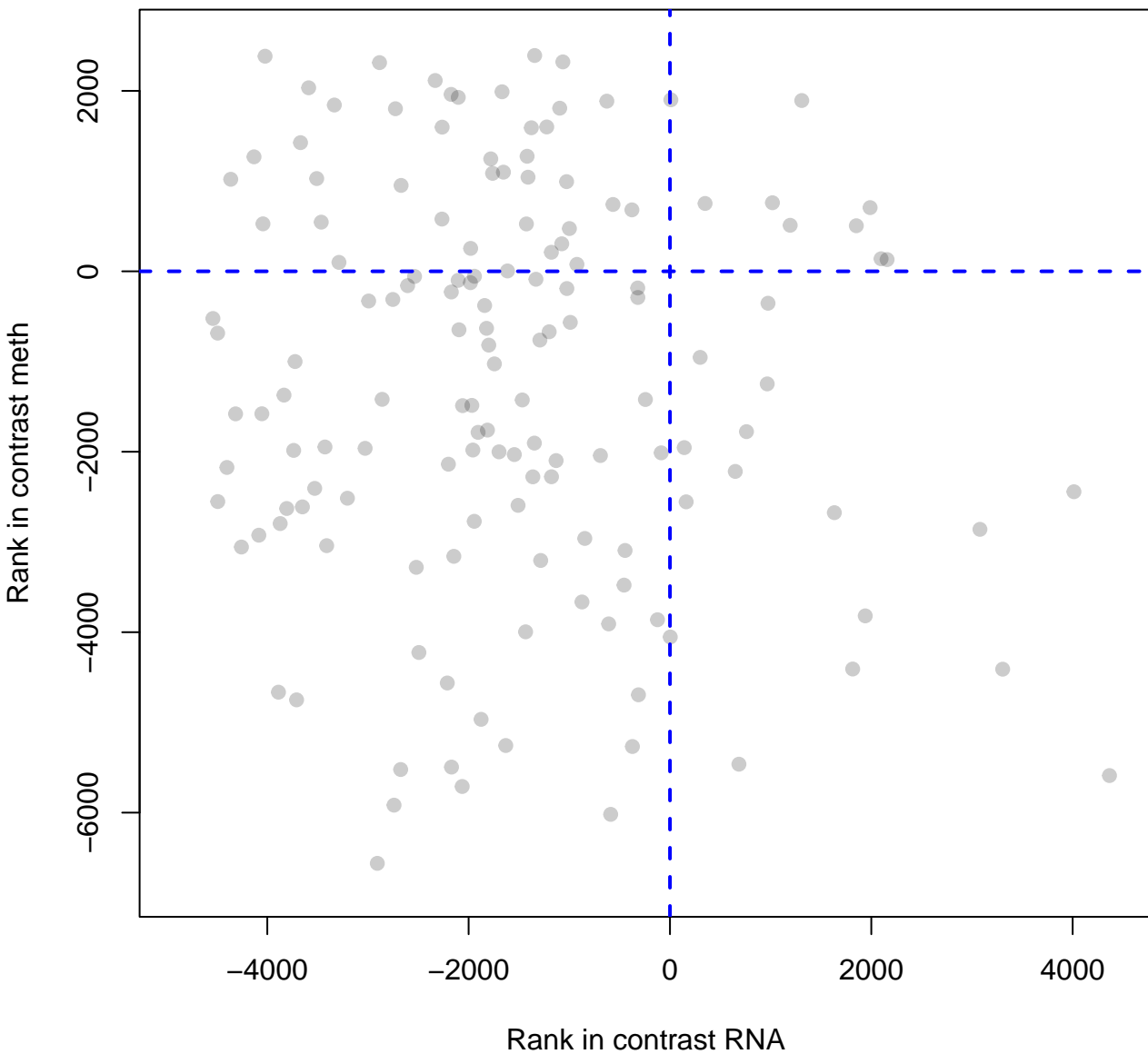
Metabolism



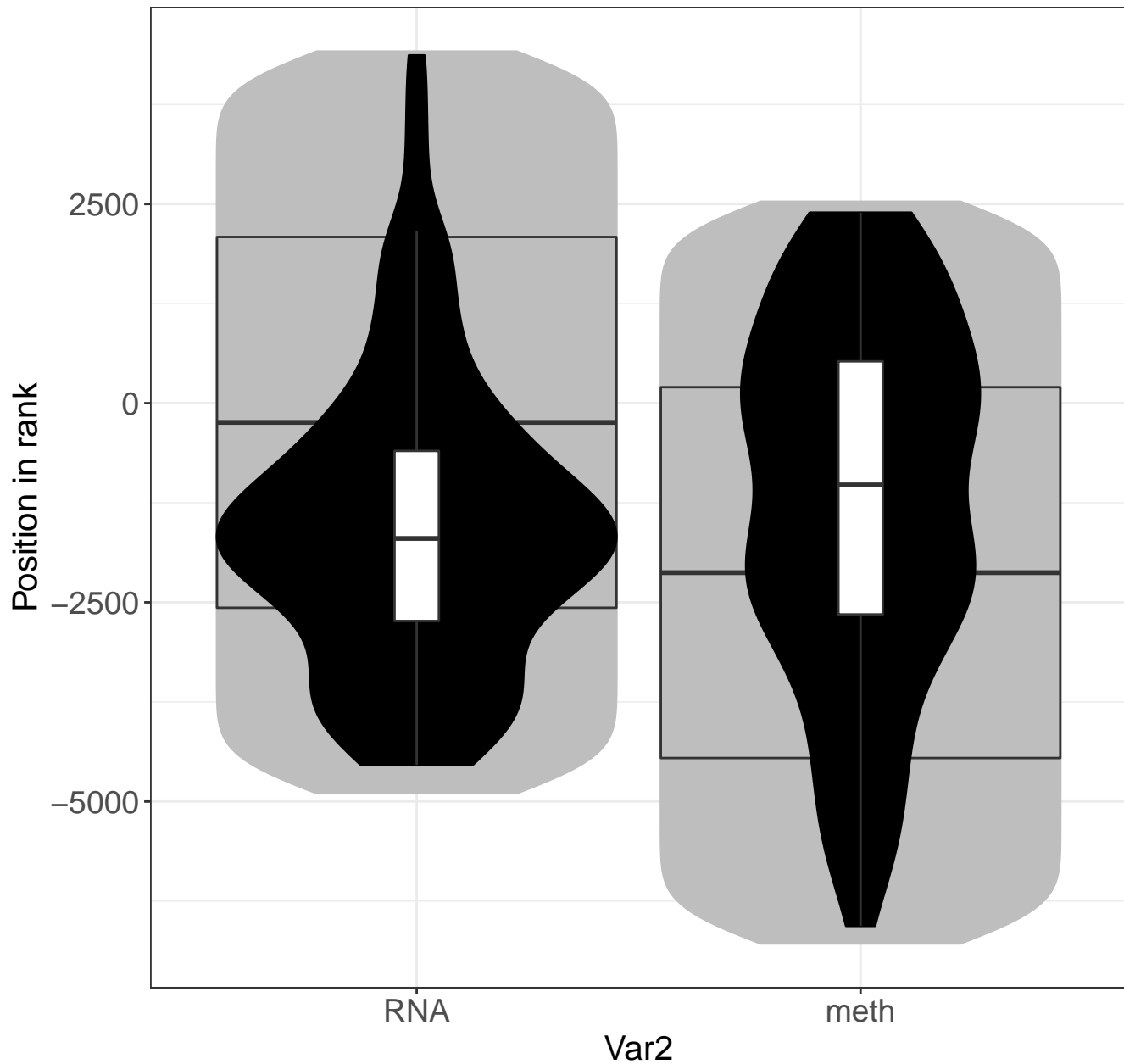
Major pathway of rRNA processing in the nucleolus and cytoplasm



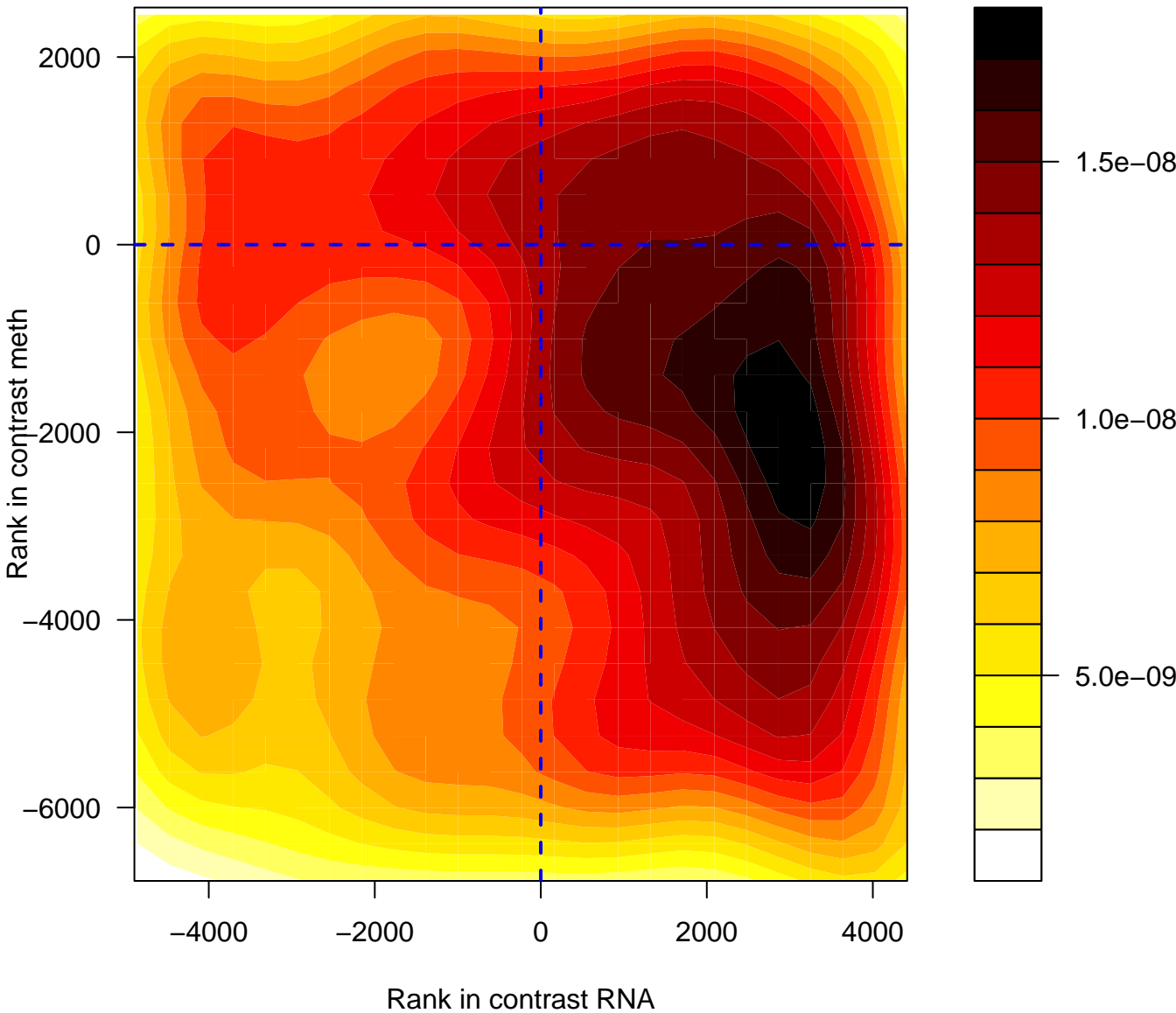
Major pathway of rRNA processing in the nucleolus and cytosol



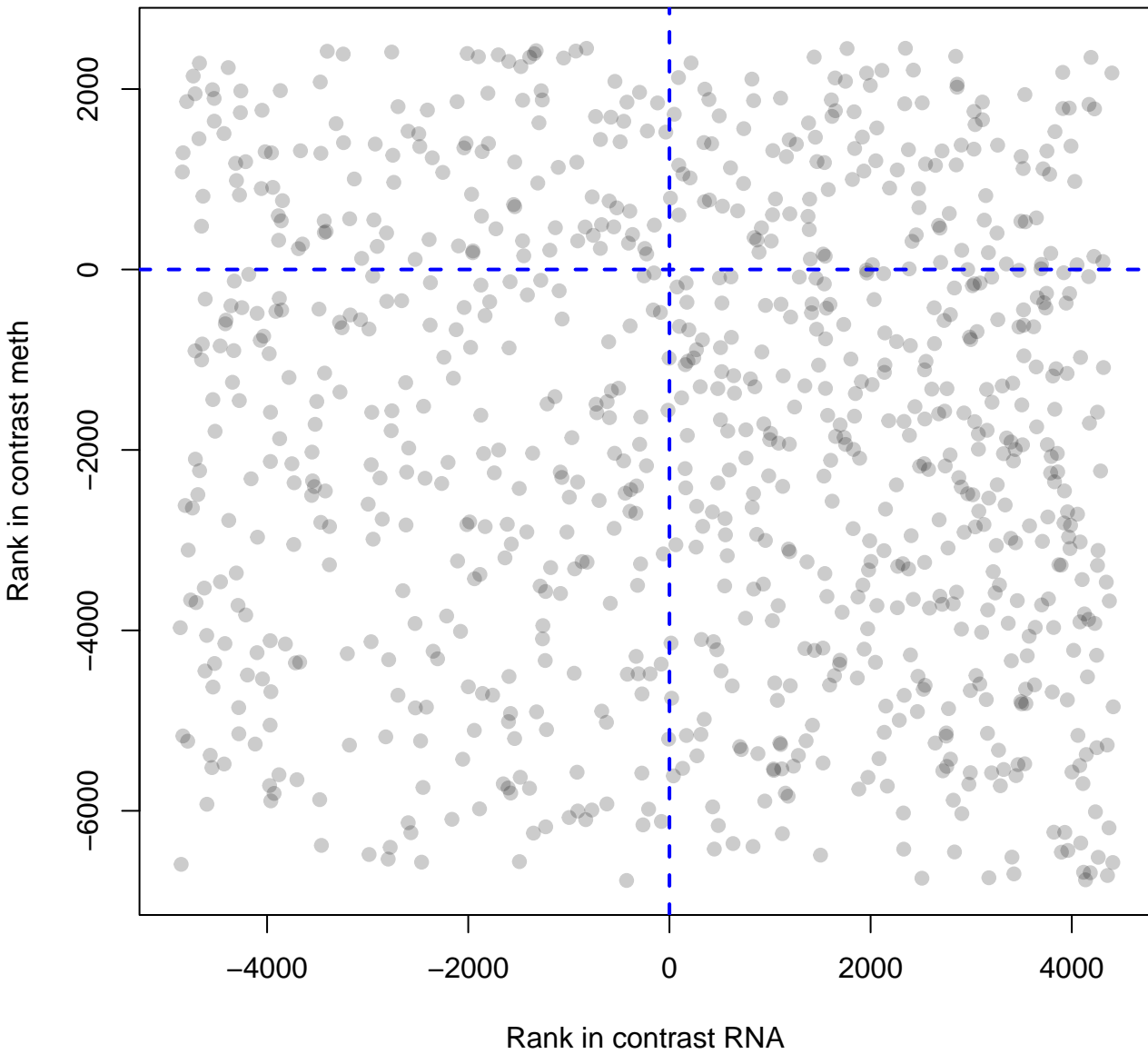
Major pathway of rRNA processing in the nucleolus



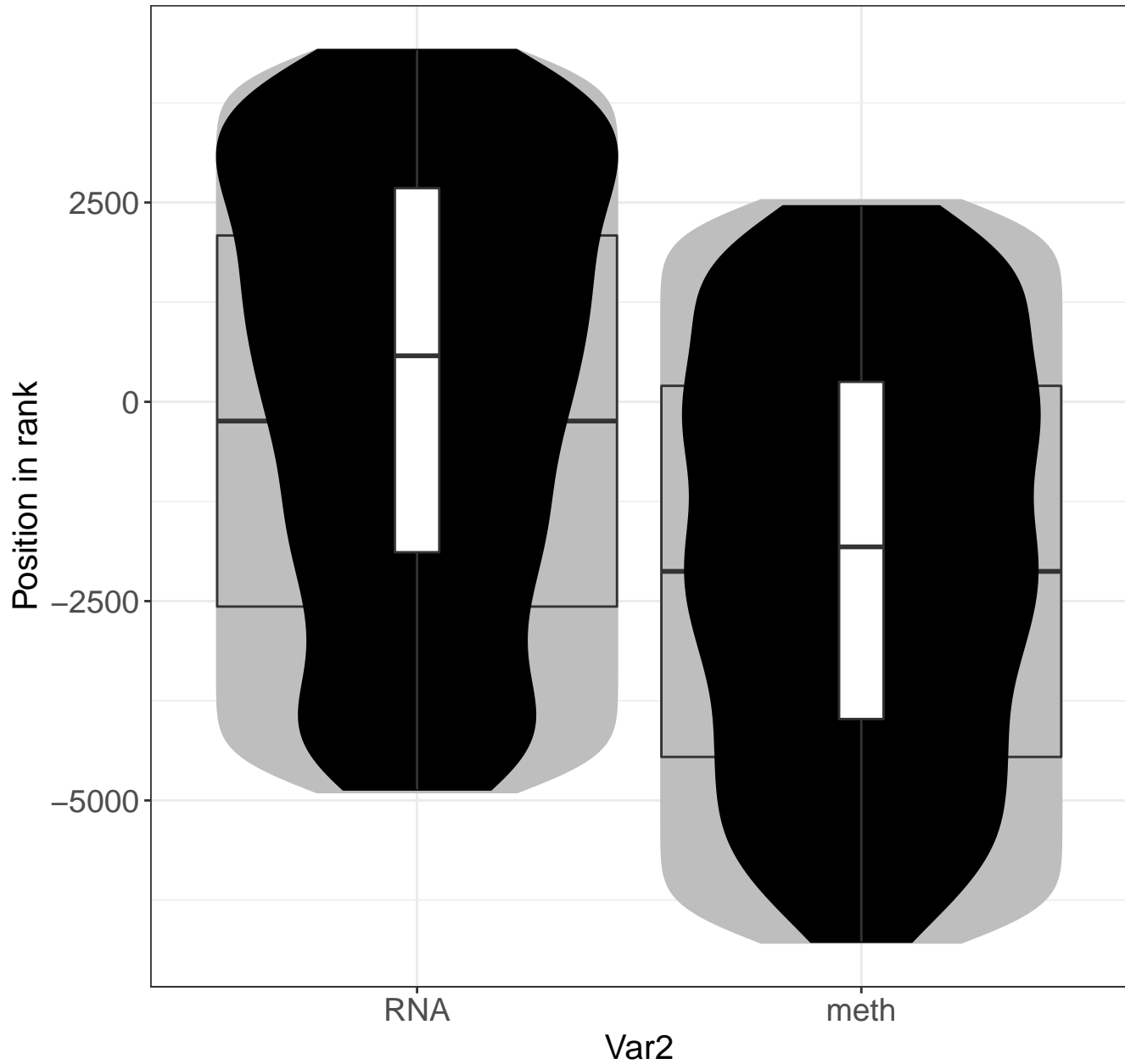
Post-translational protein modification



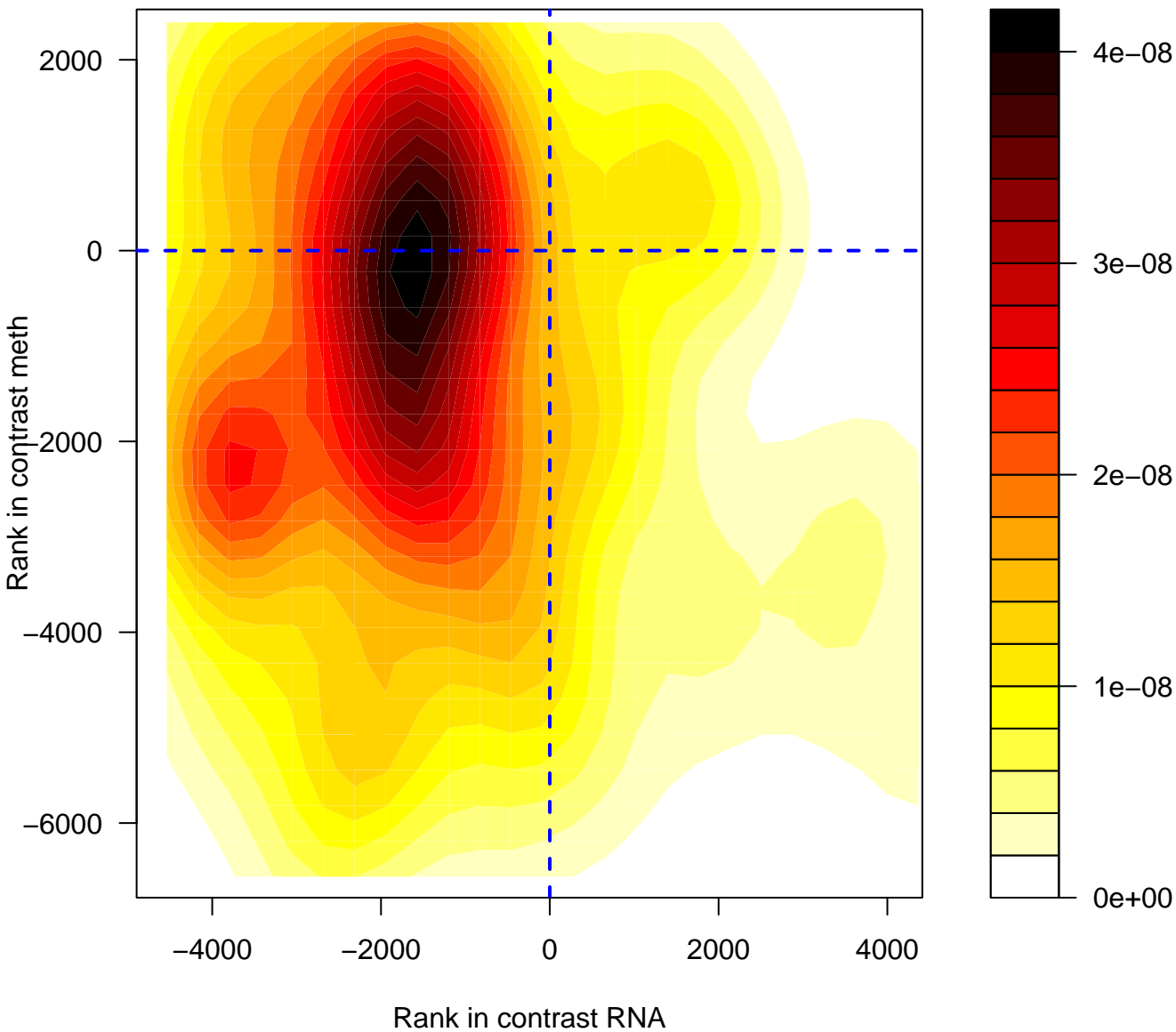
Post-translational protein modification



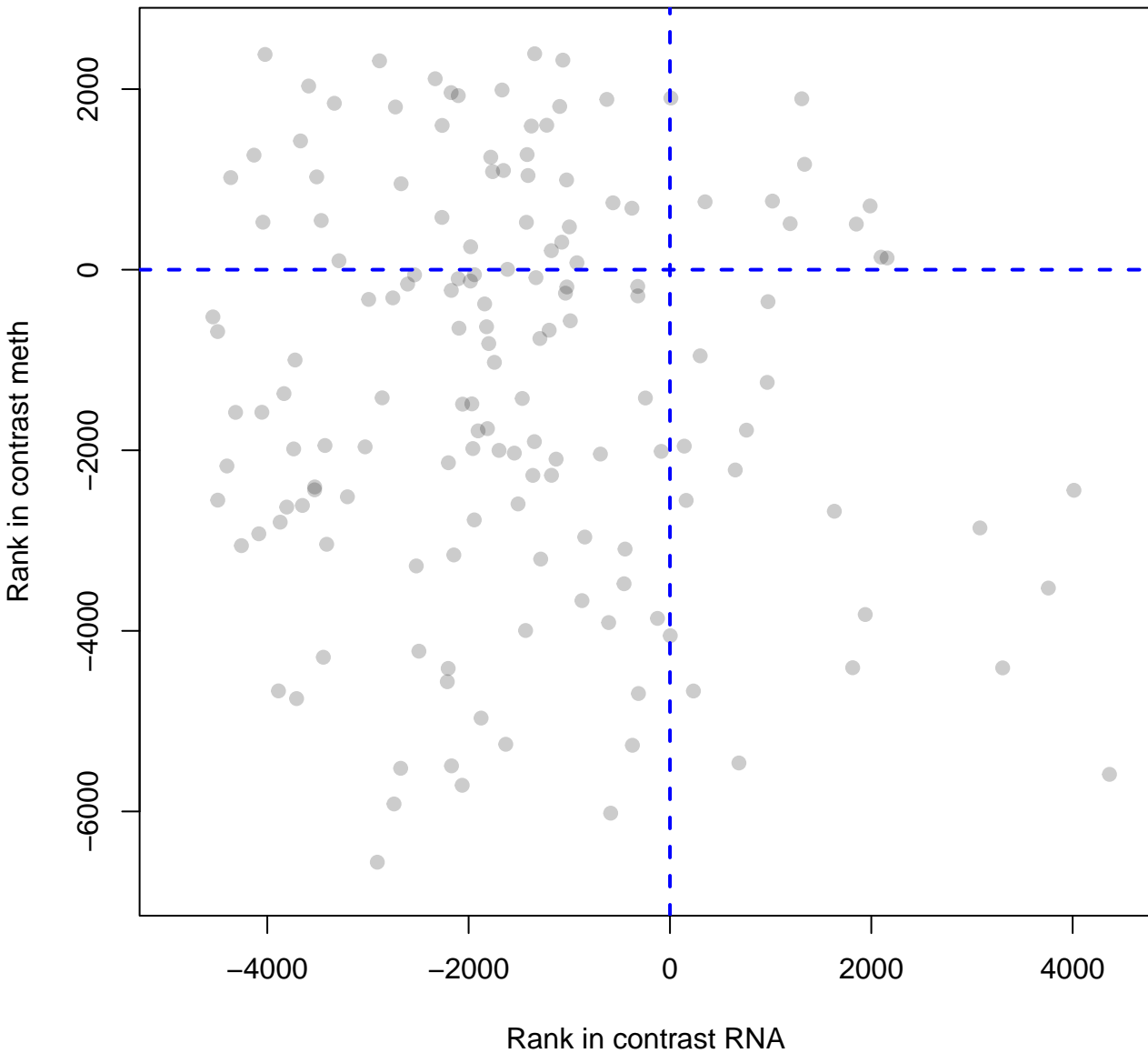
Post-translational protein modification



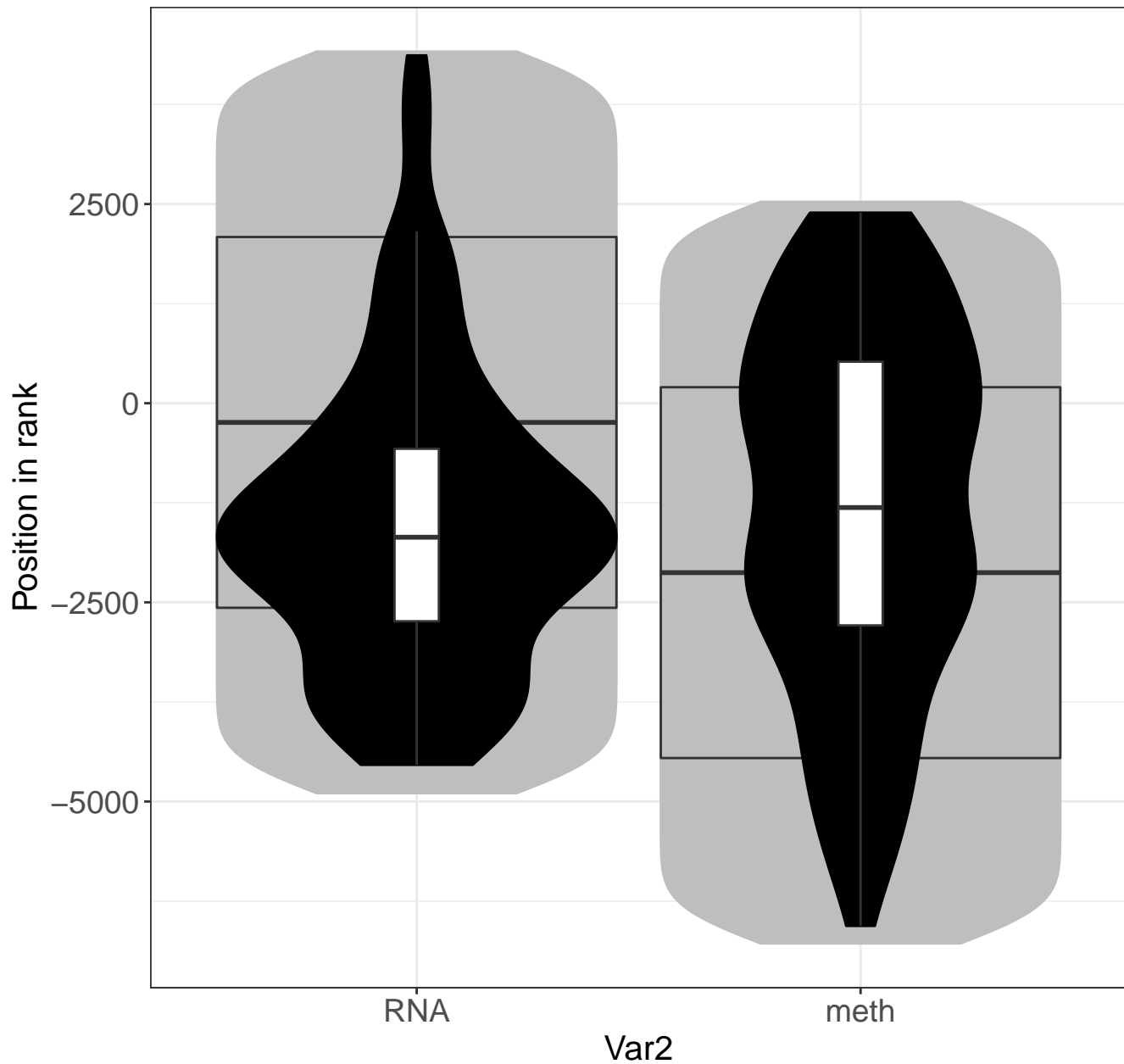
rRNA processing in the nucleus and cytosol



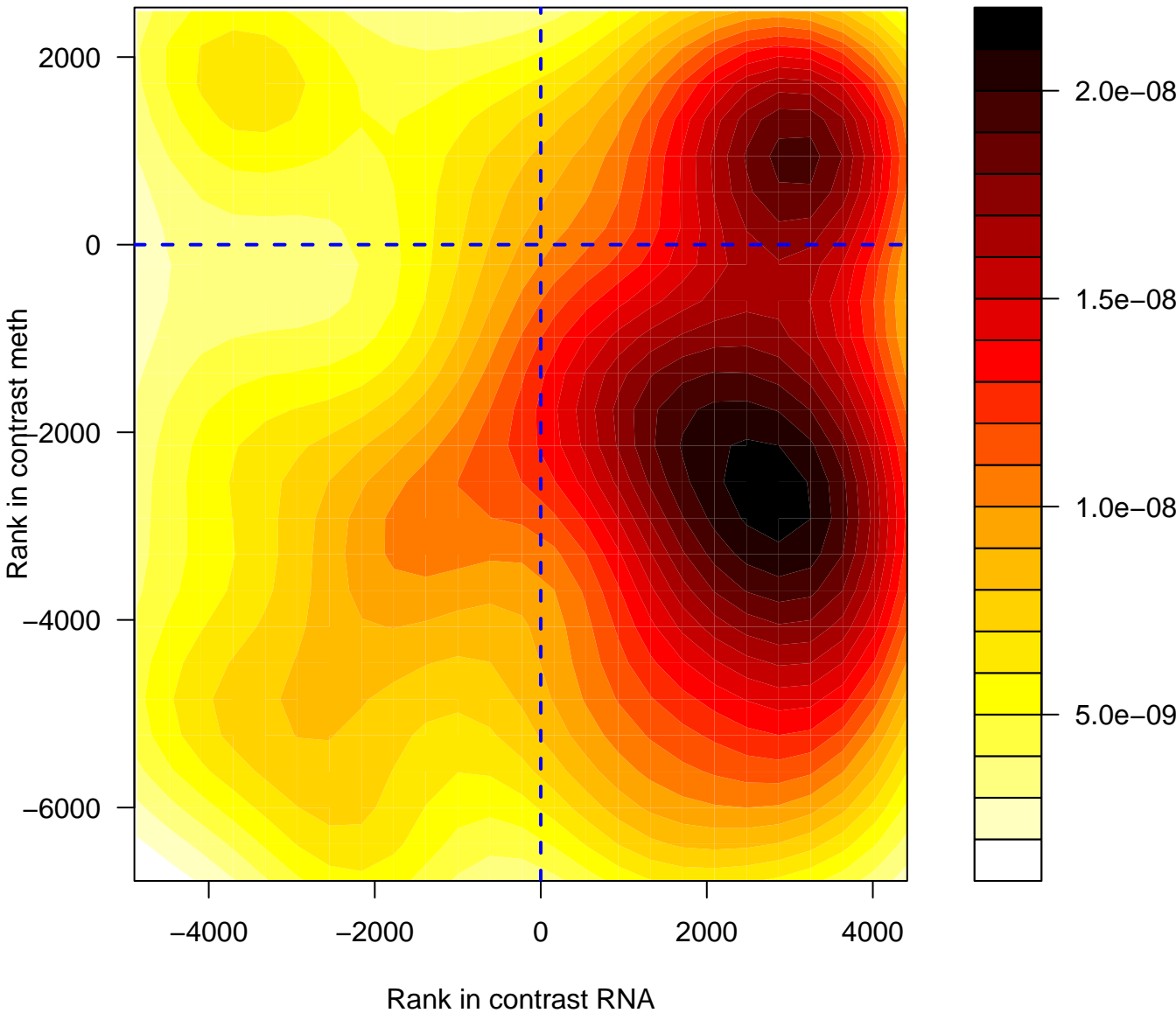
rRNA processing in the nucleus and cytosol



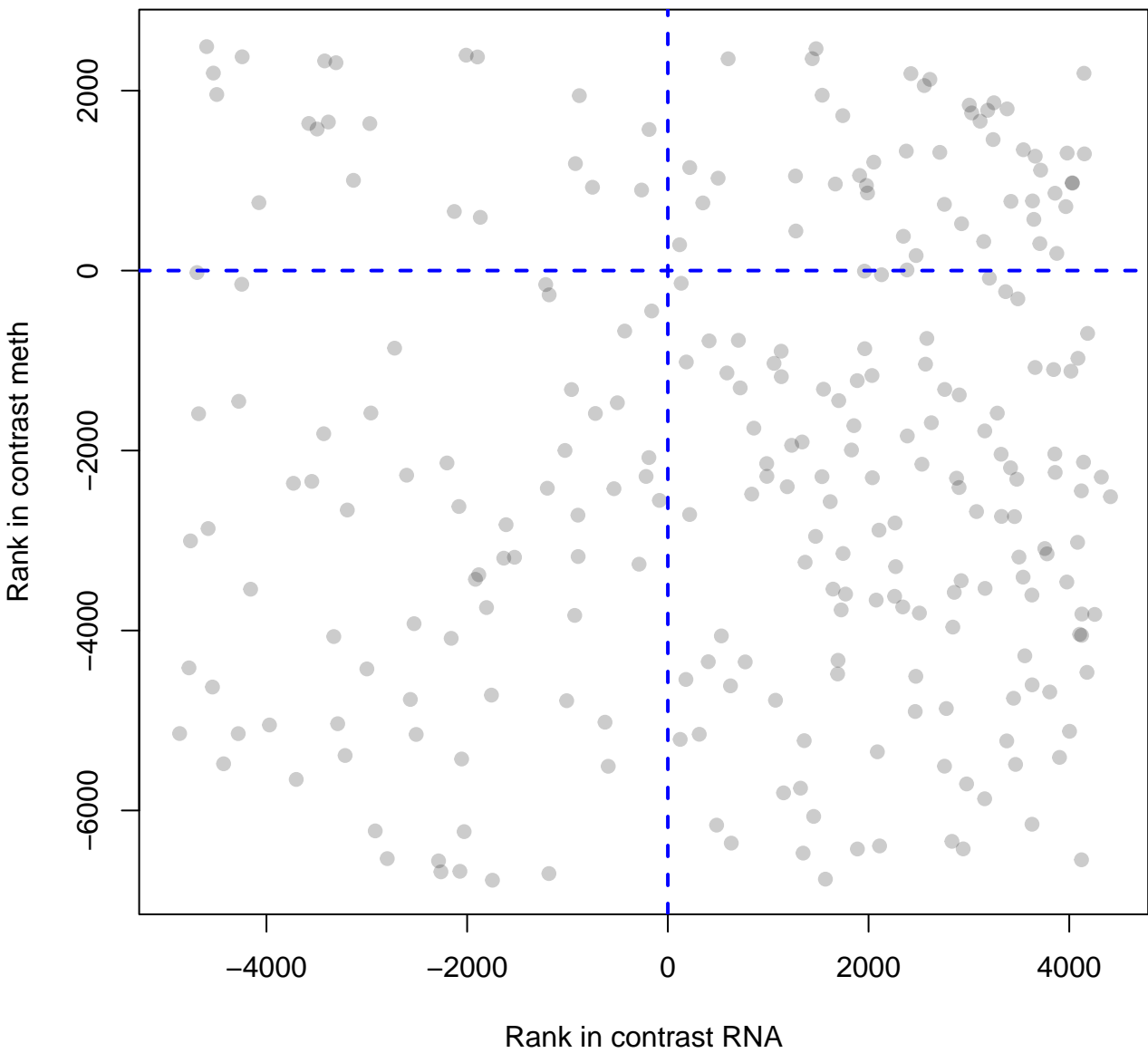
rRNA processing in the nucleus and cytosol



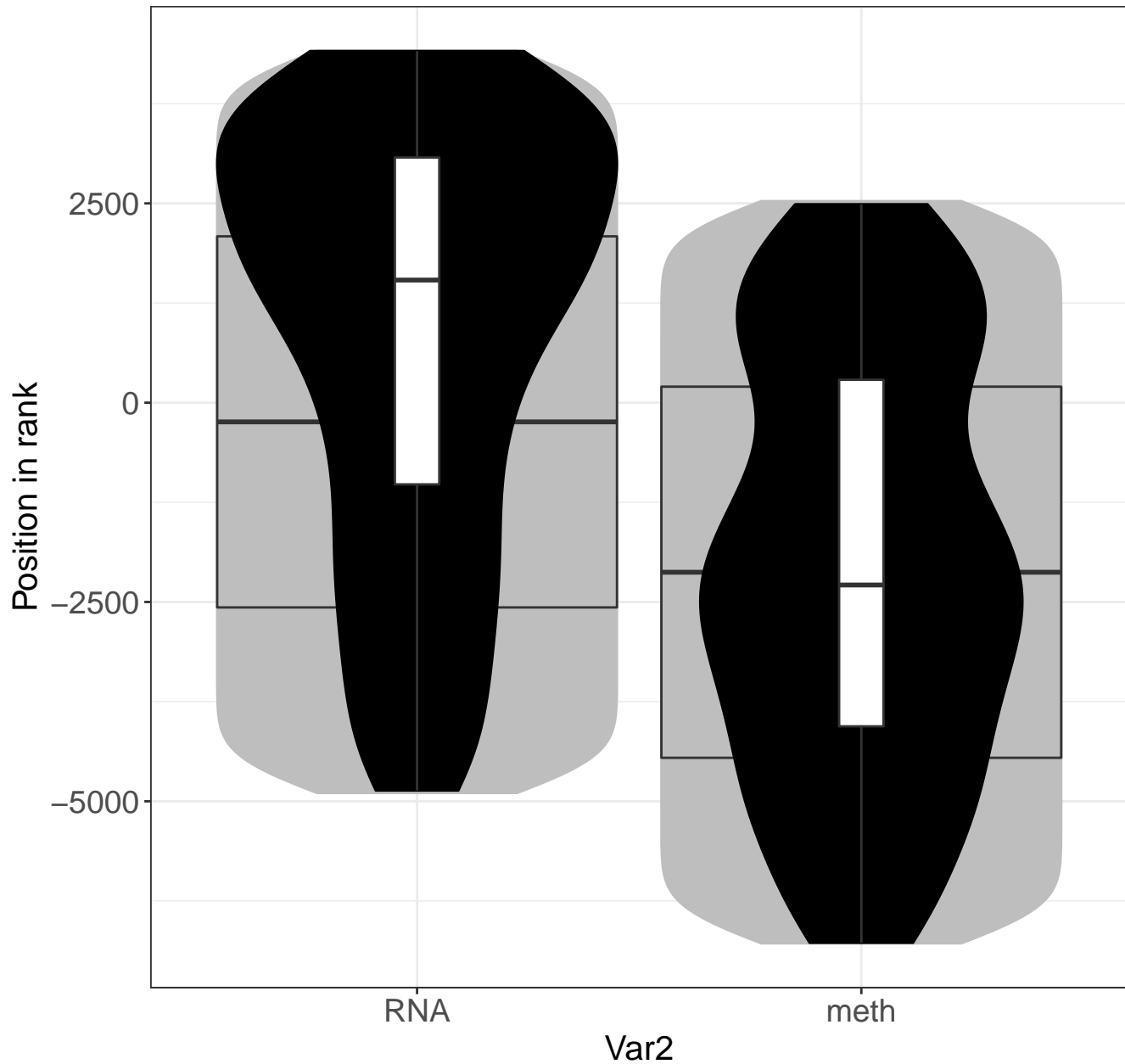
Correlations of signal transduction by growth factor receptors and secreted factors



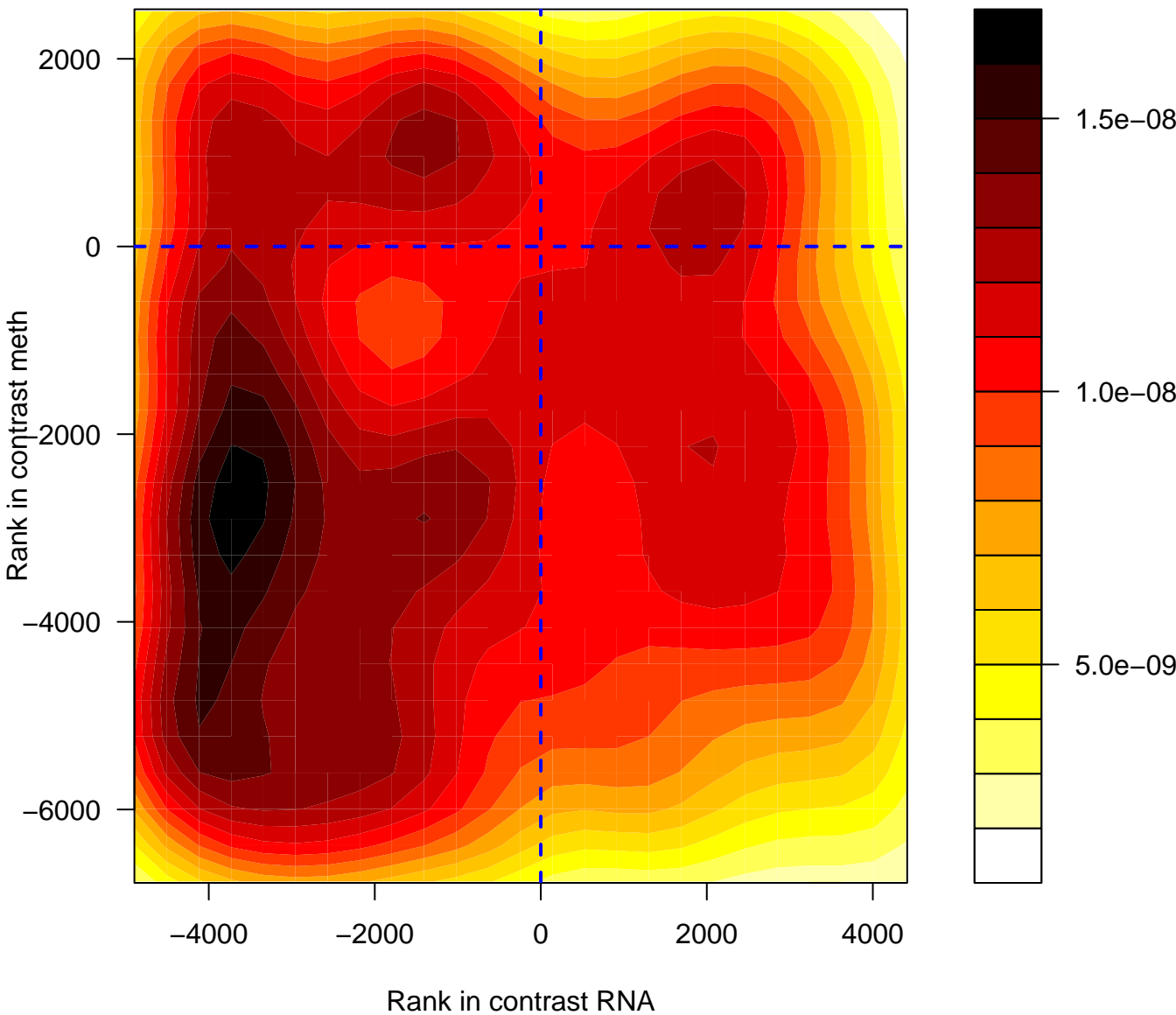
seases of signal transduction by growth factor receptors and second messe



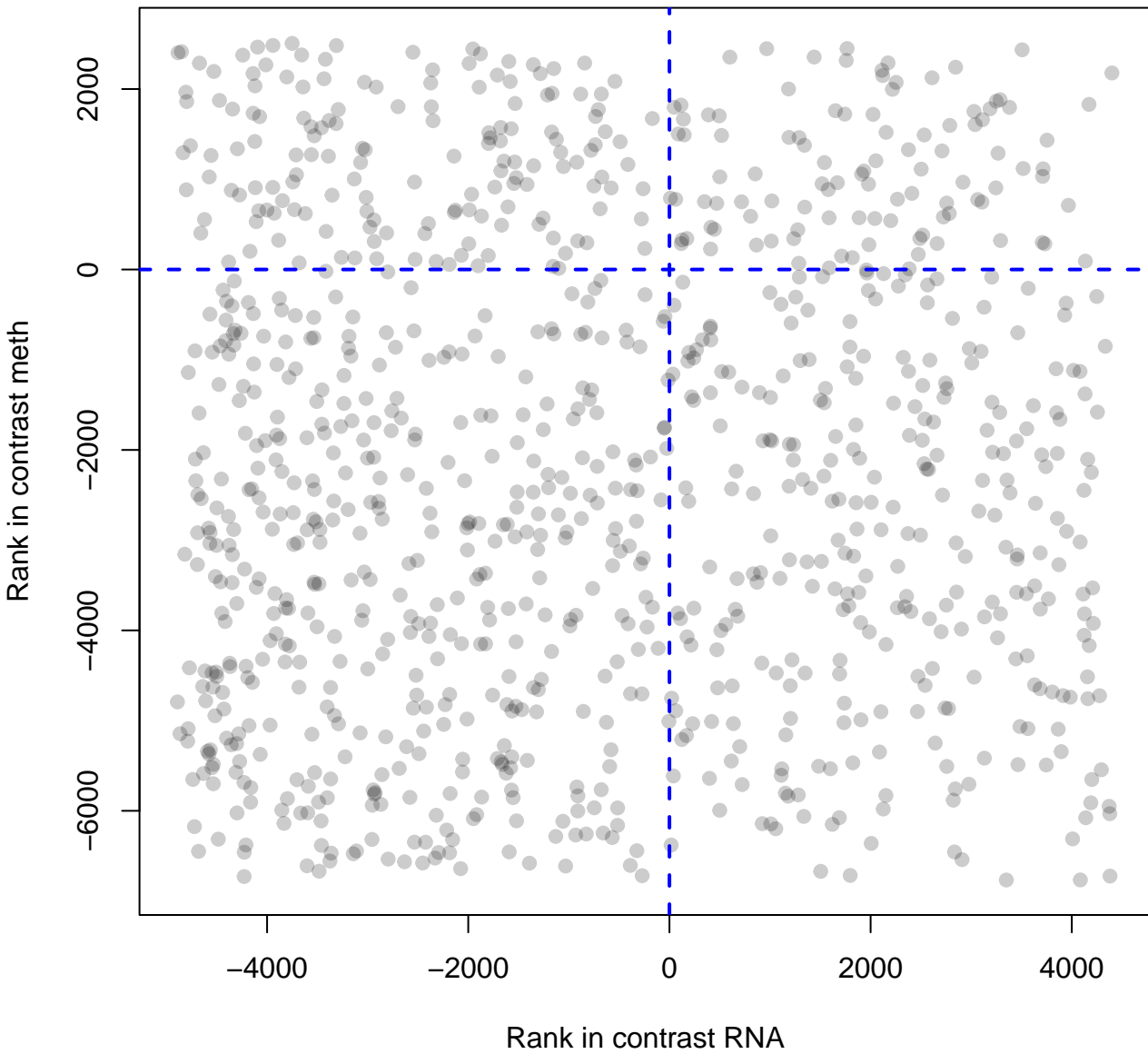
Diseases of signal transduction by growth factor r



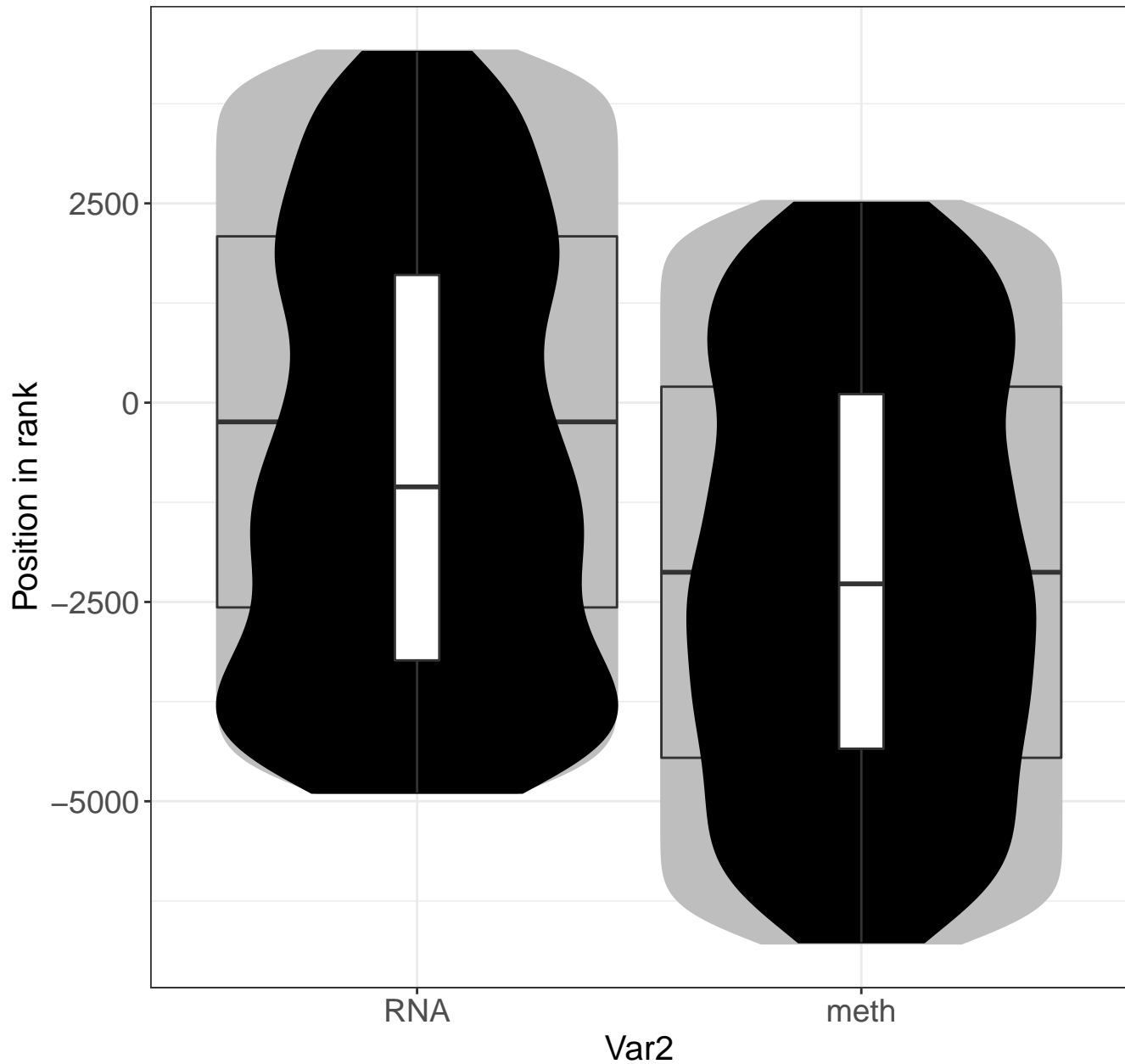
Gene expression (Transcription)



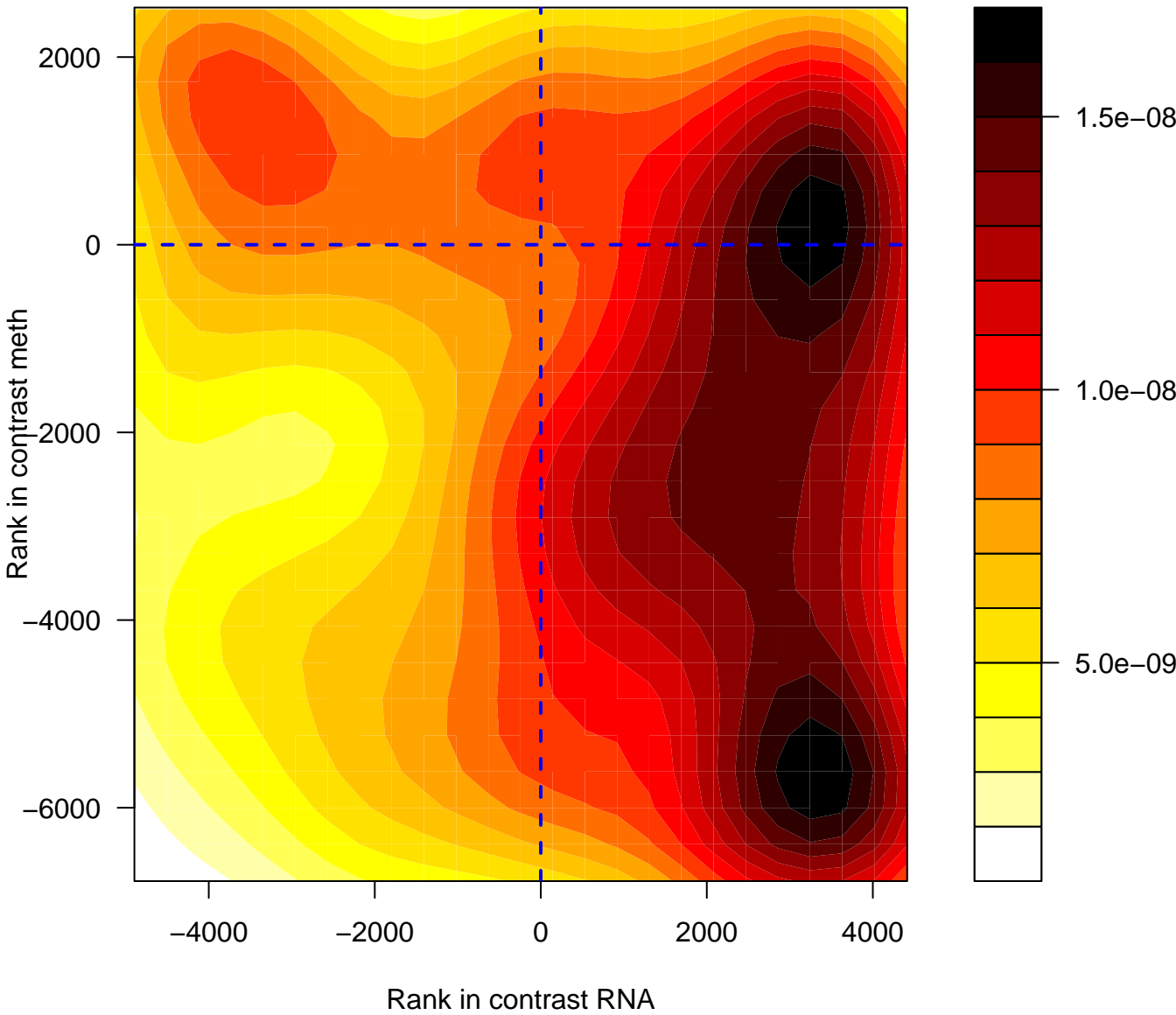
Gene expression (Transcription)



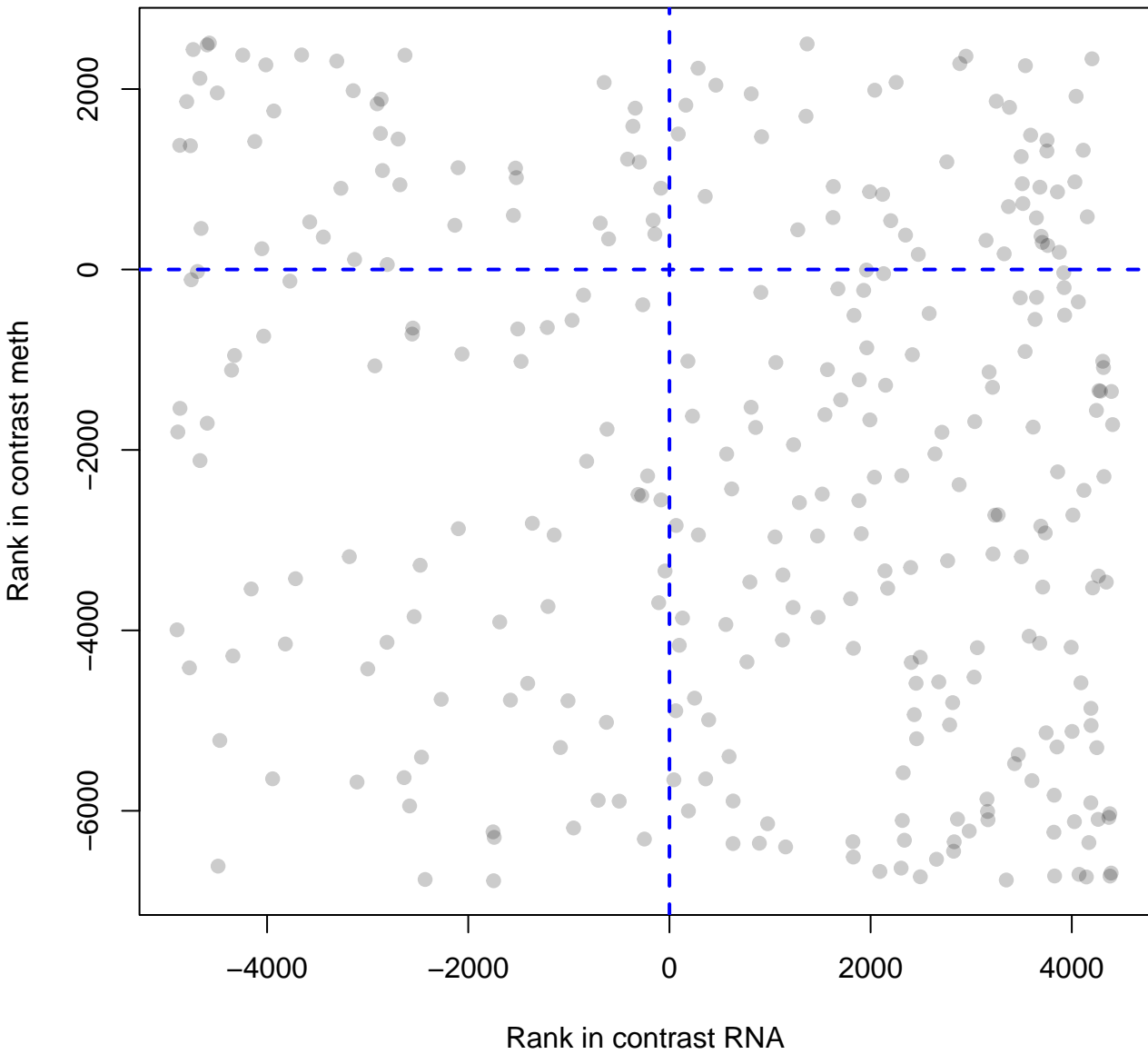
Gene expression (Transcription)



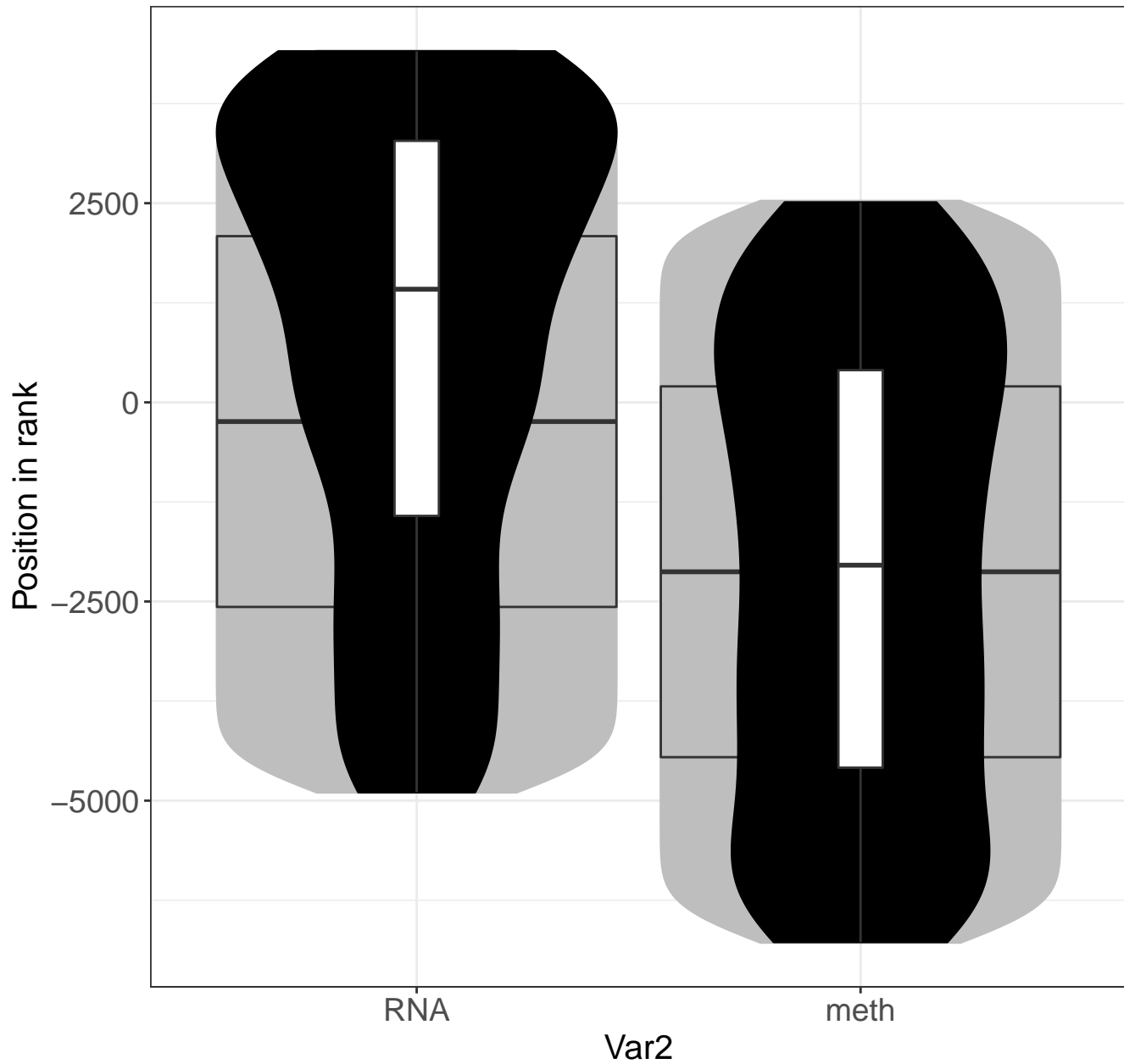
Hemostasis



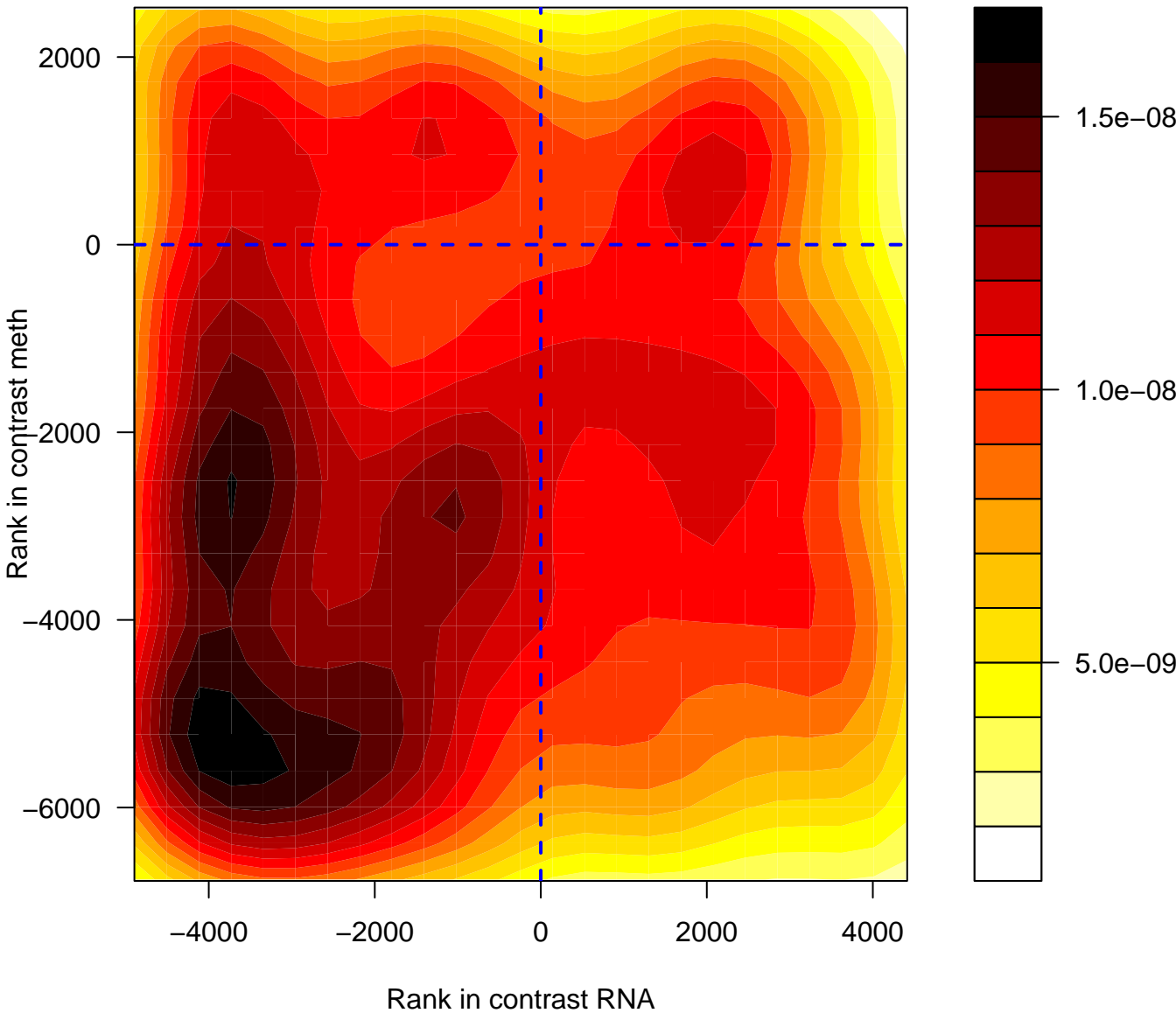
Hemostasis



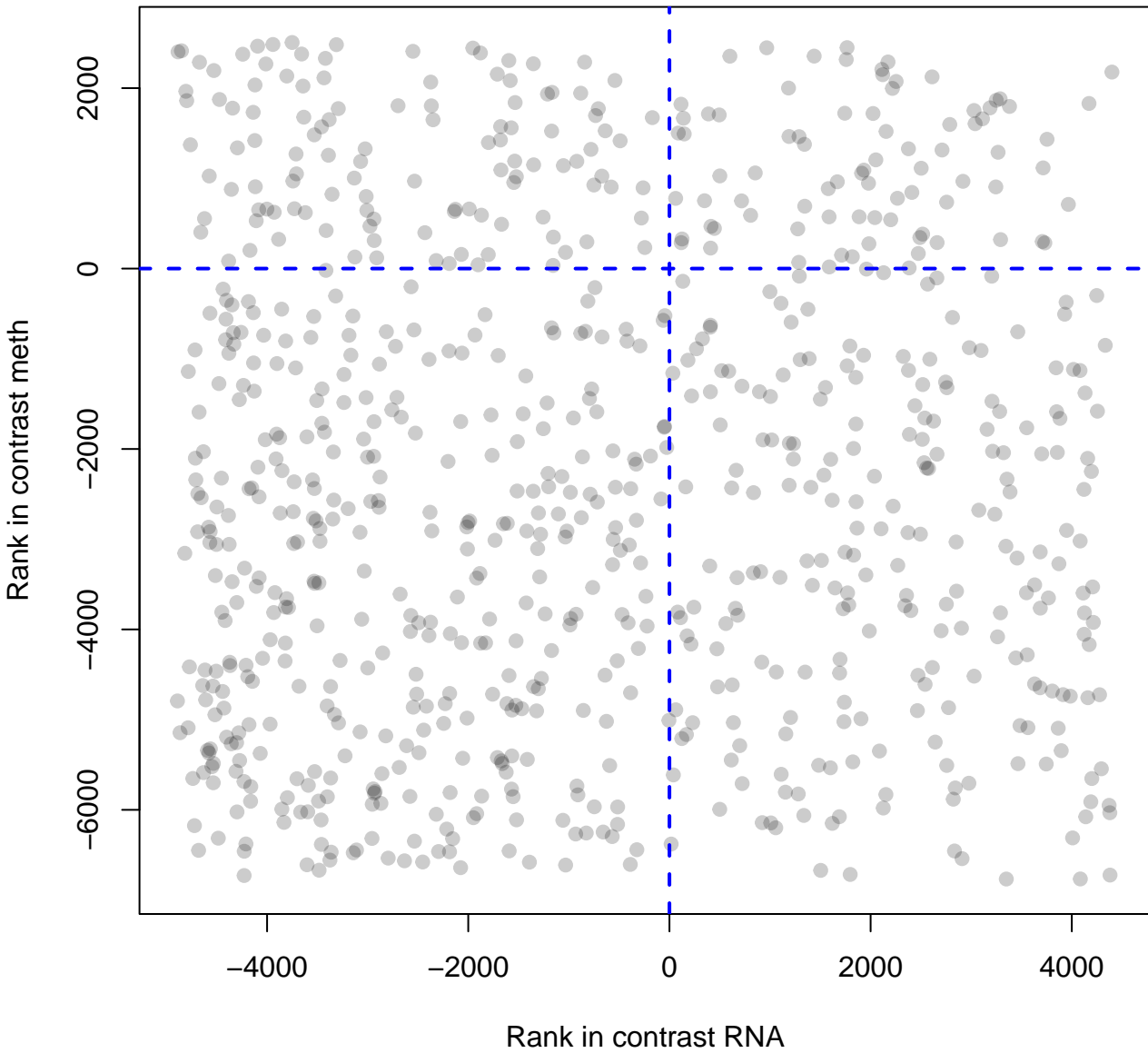
Hemostasis



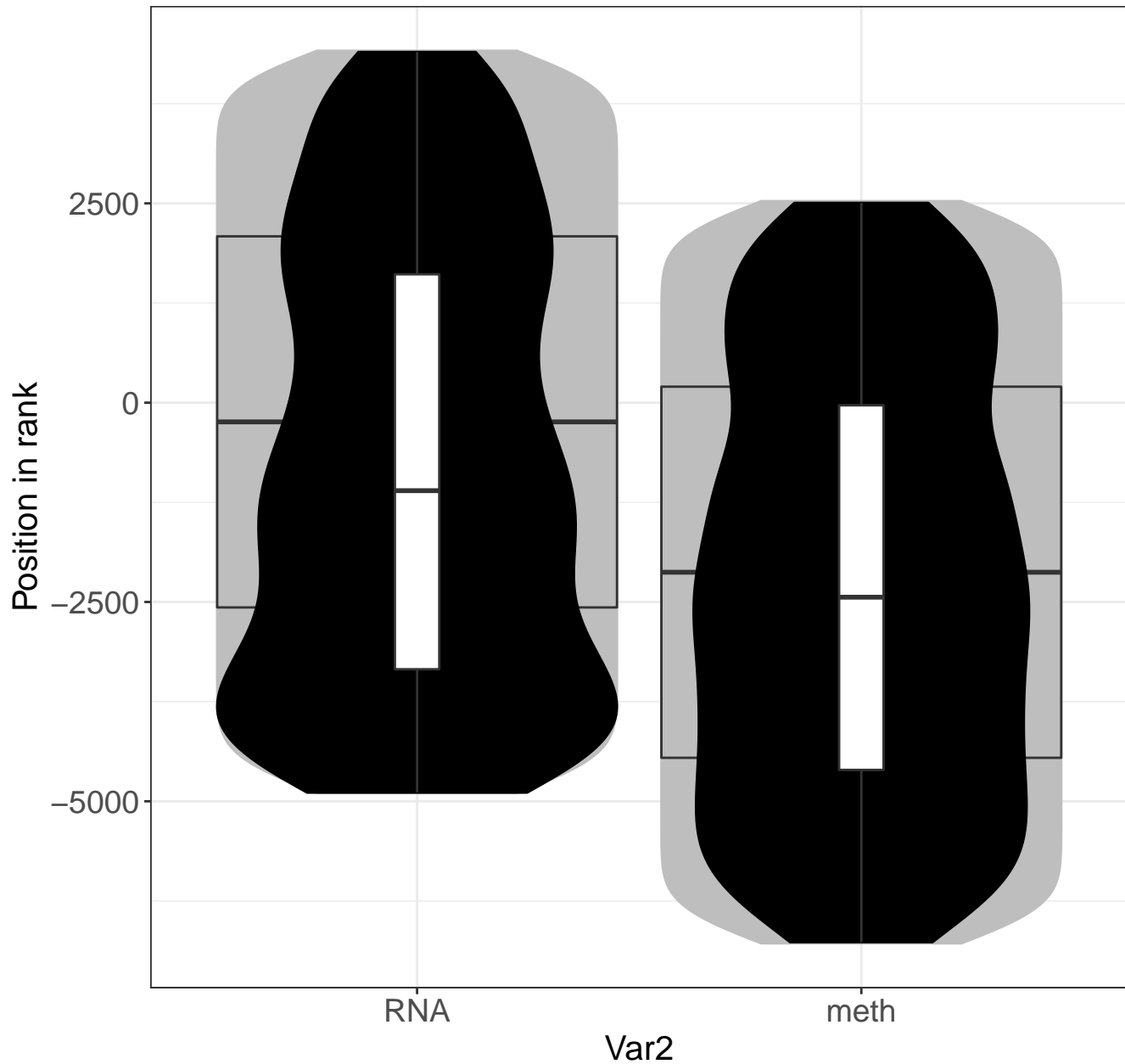
Generic Transcription Pathway



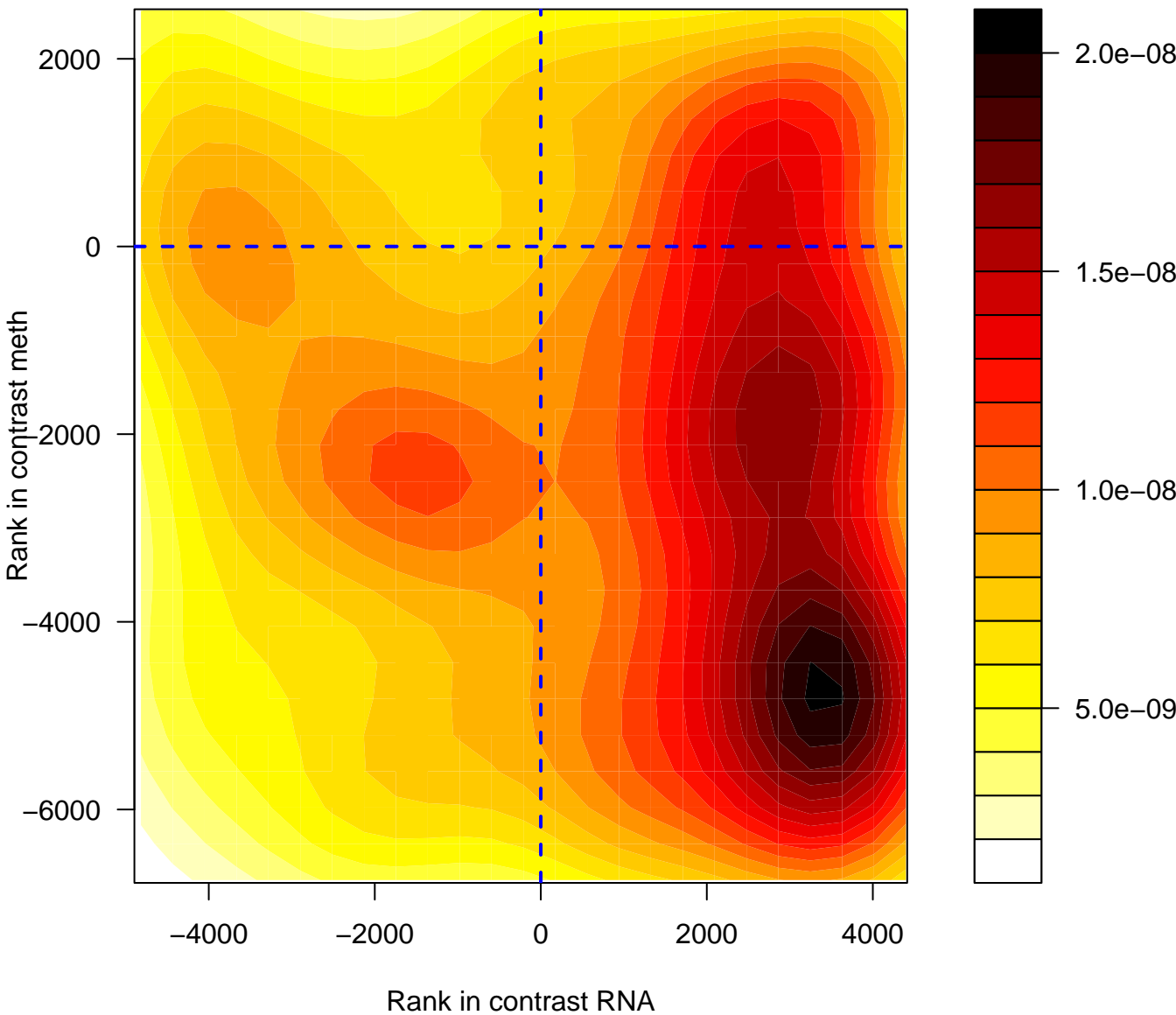
Generic Transcription Pathway



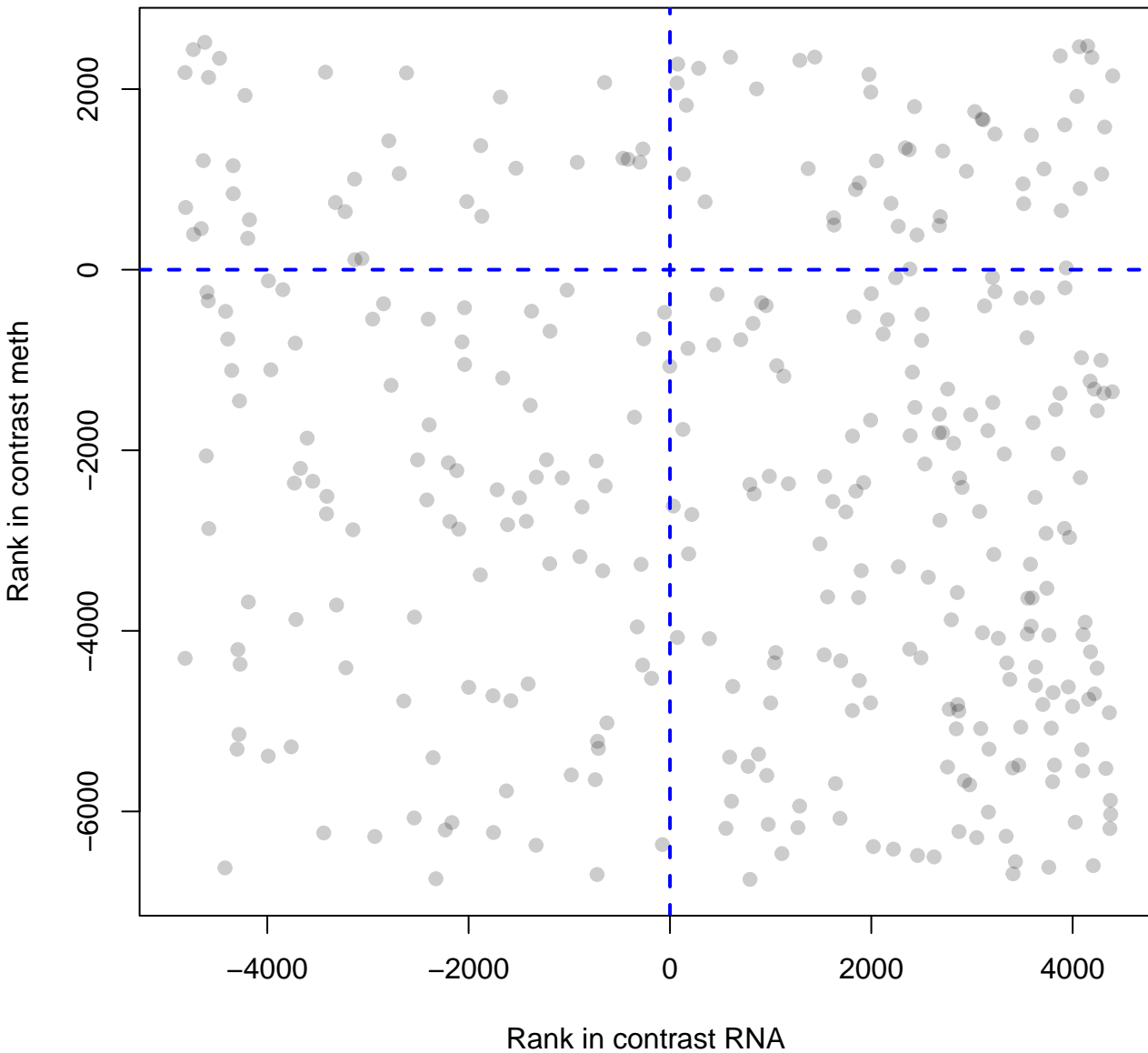
Generic Transcription Pathway



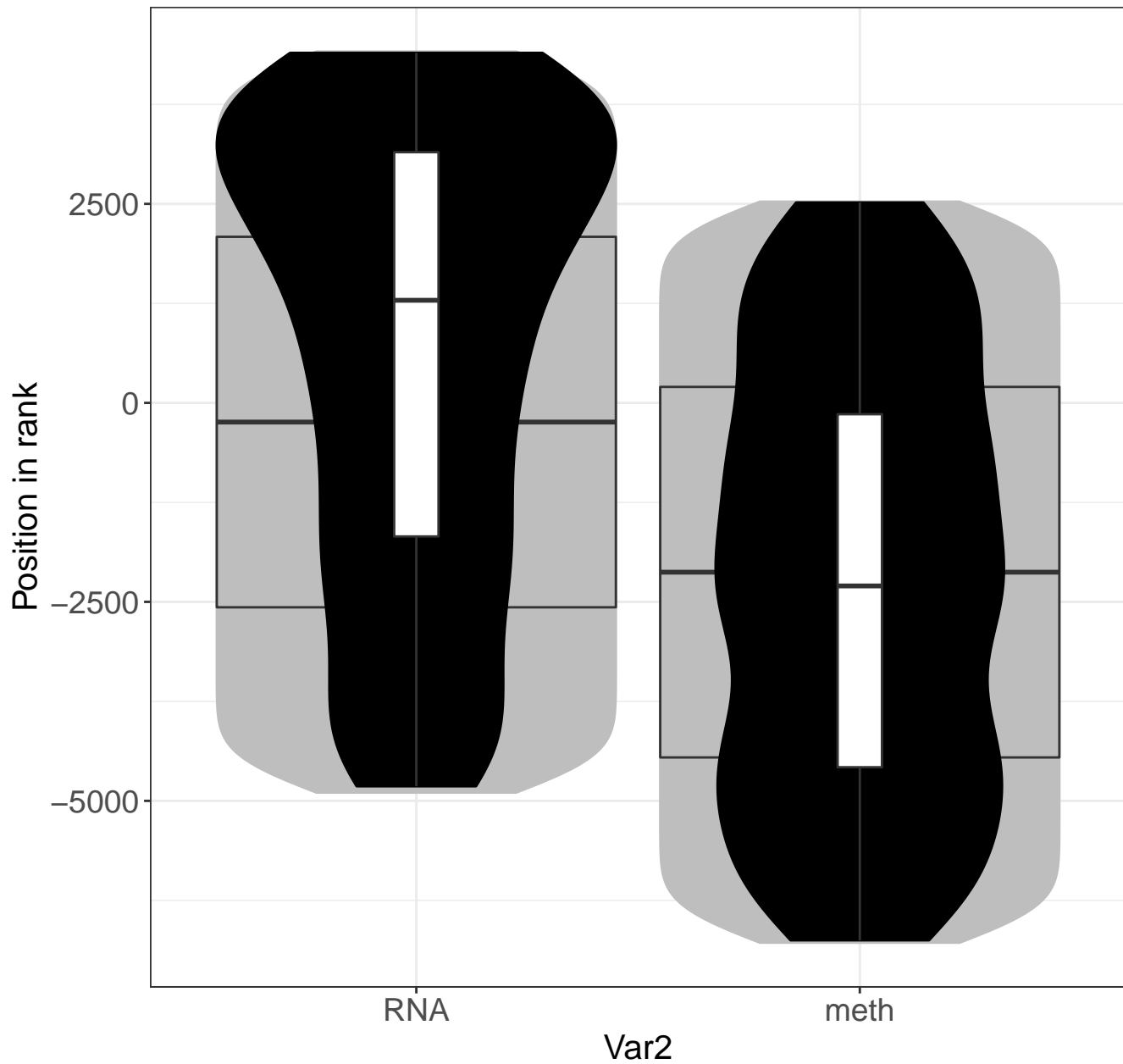
Transport of small molecules



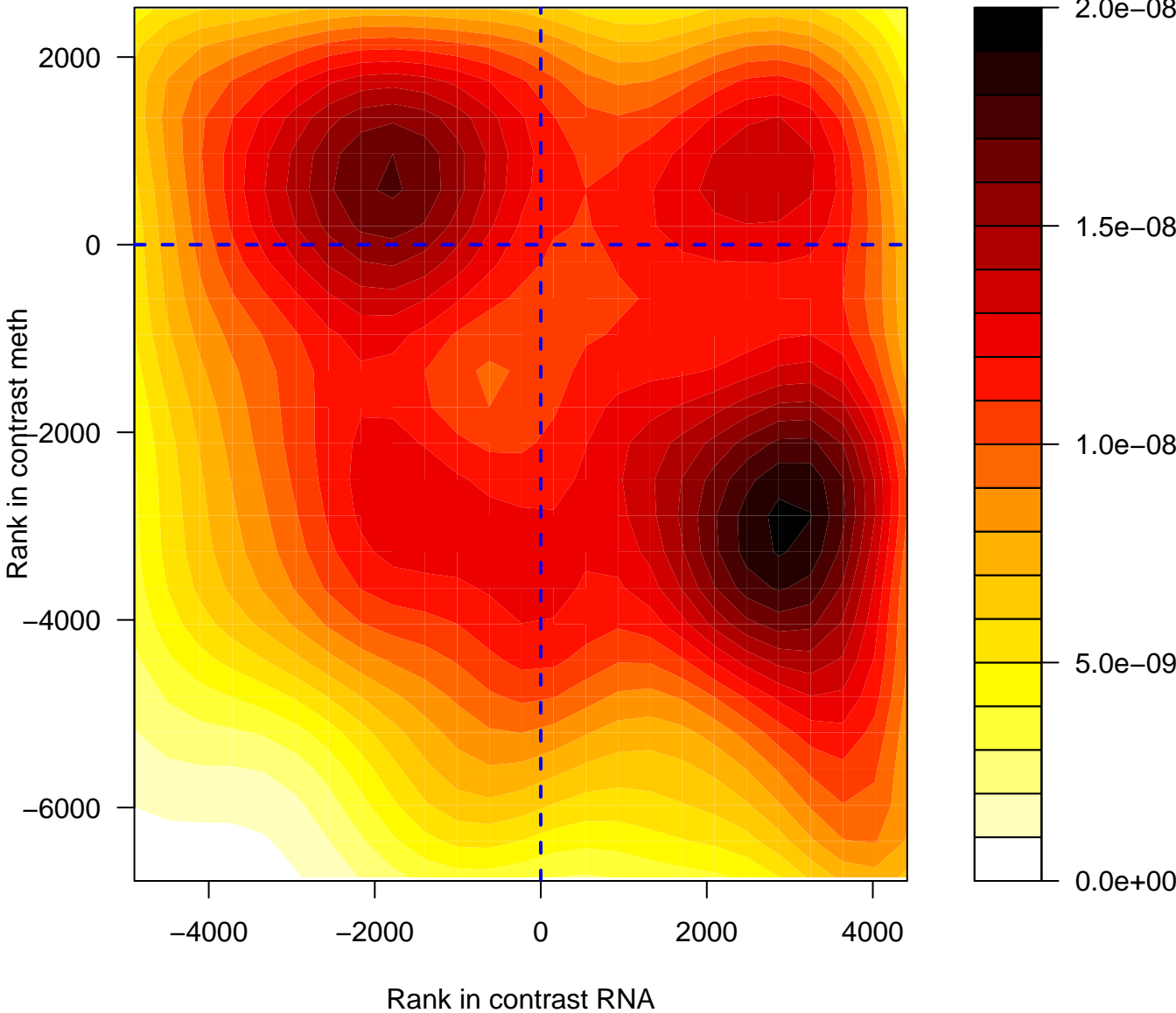
Transport of small molecules



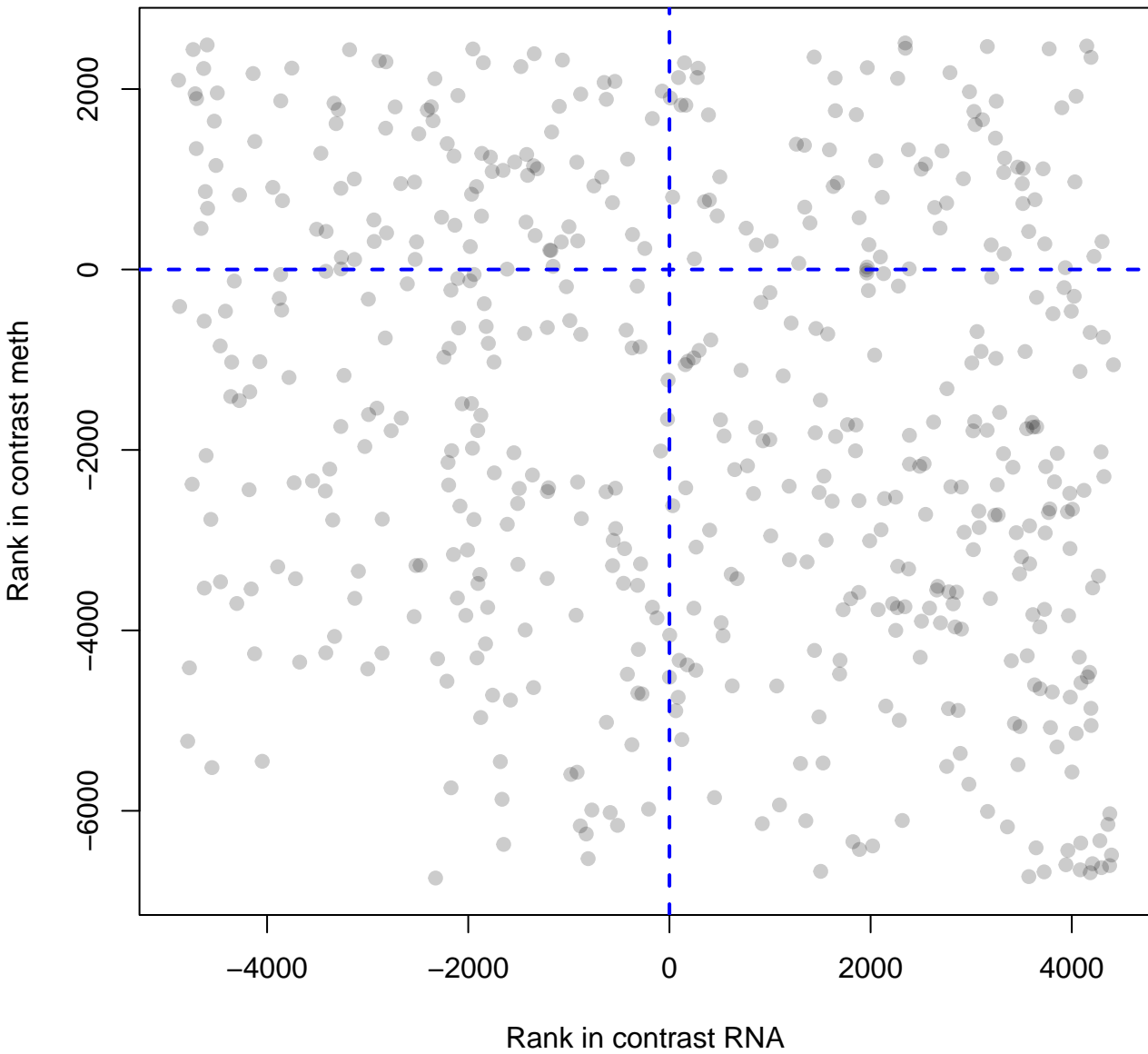
Transport of small molecules



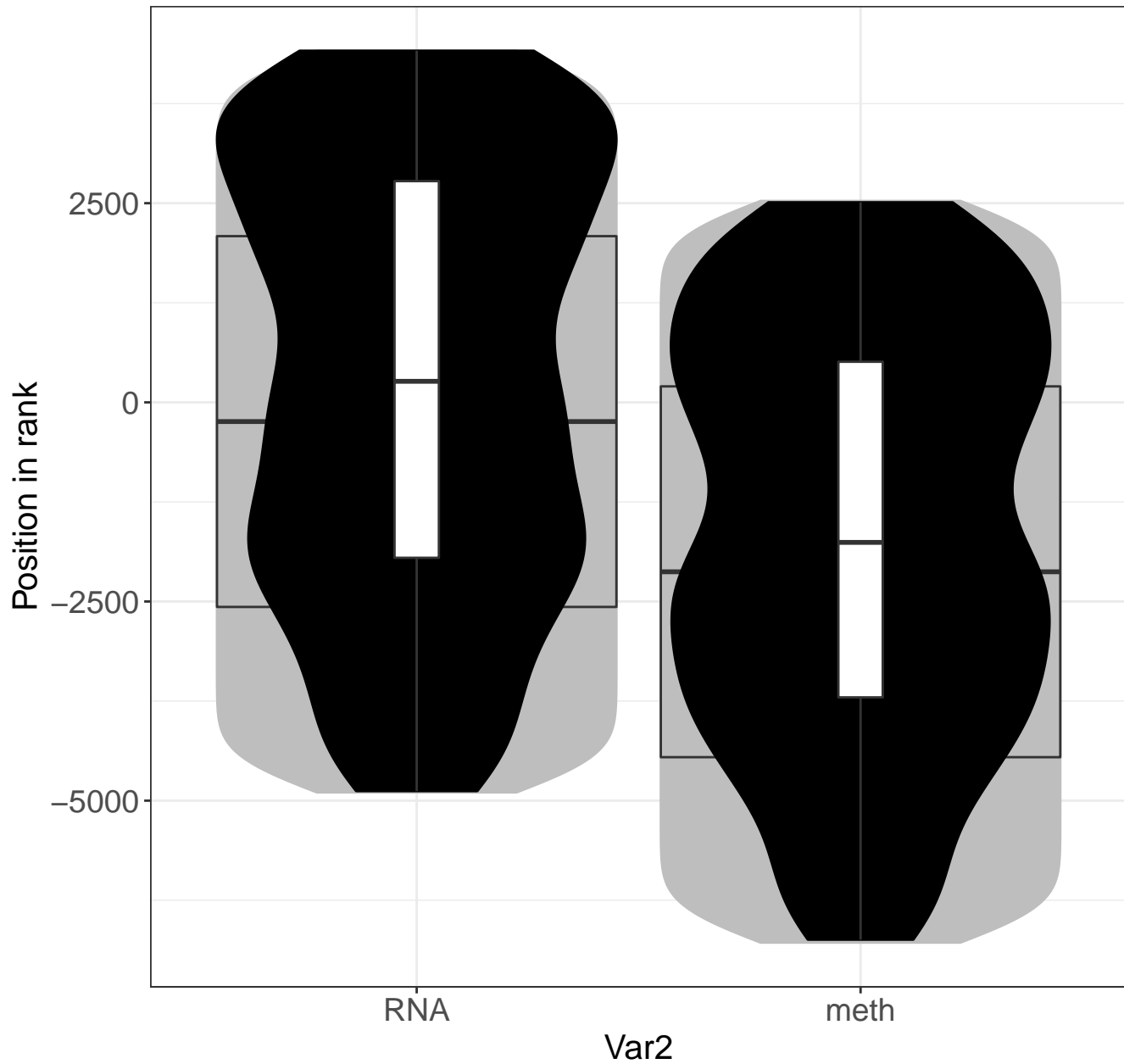
Infectious disease



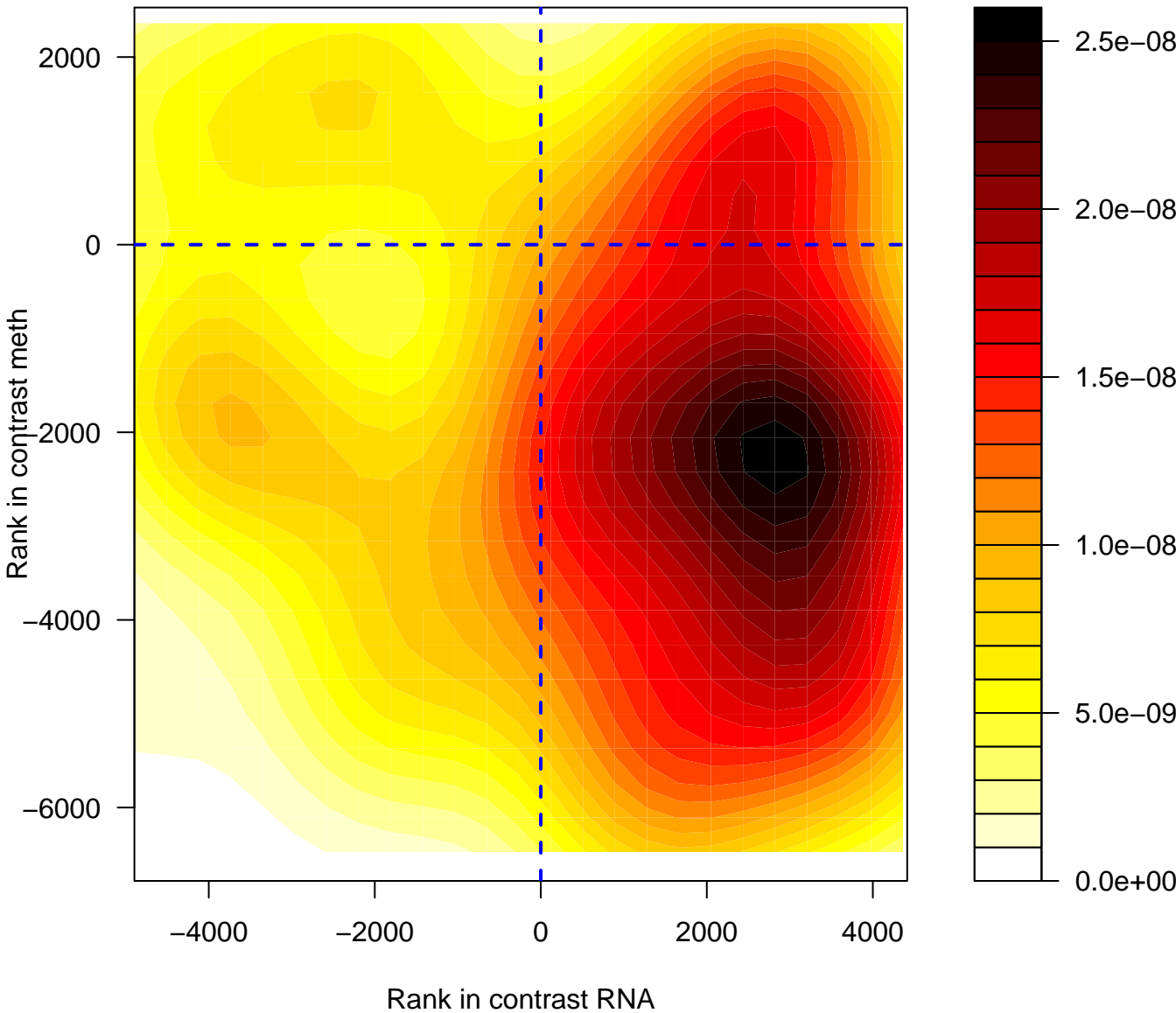
Infectious disease



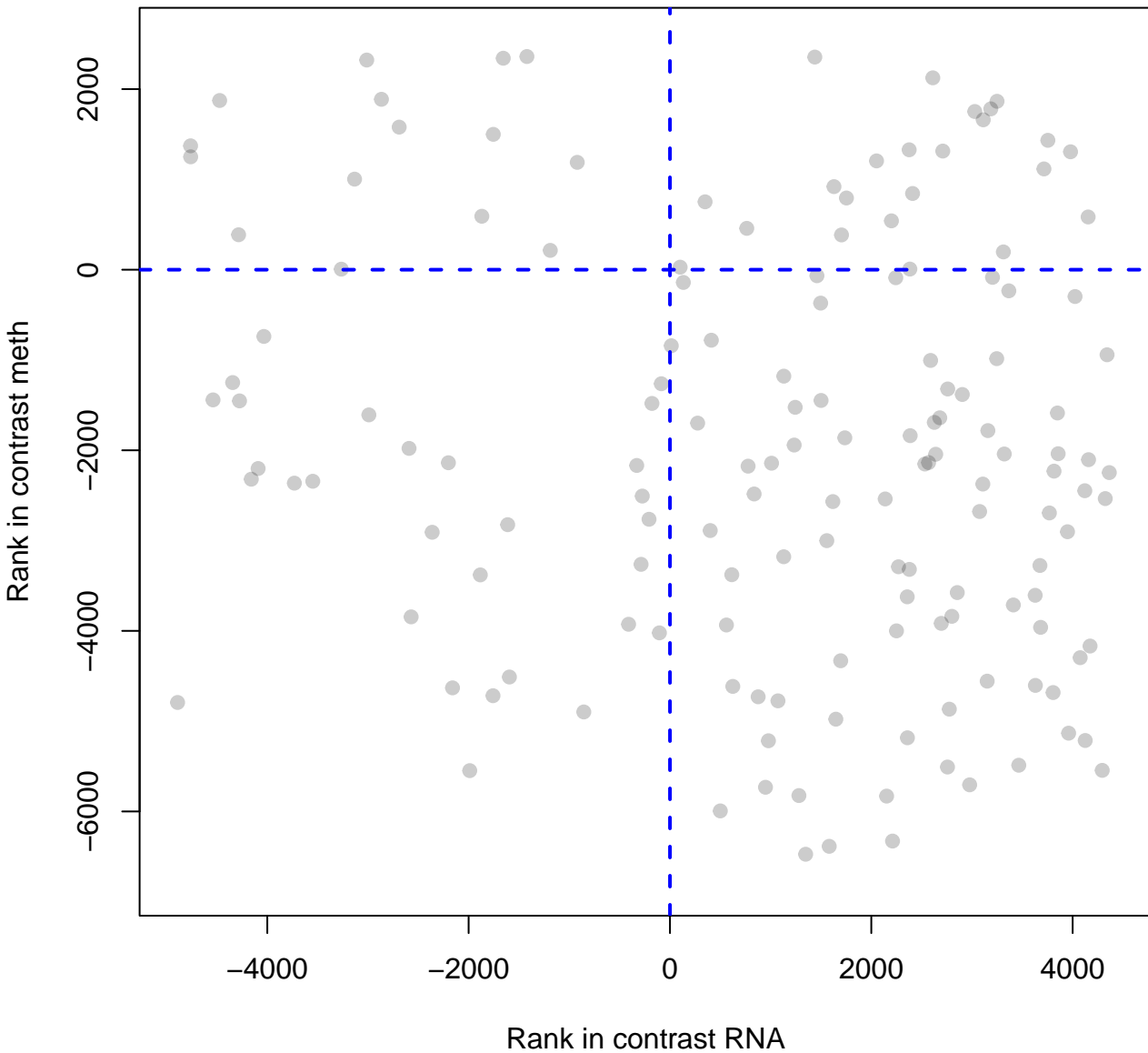
Infectious disease



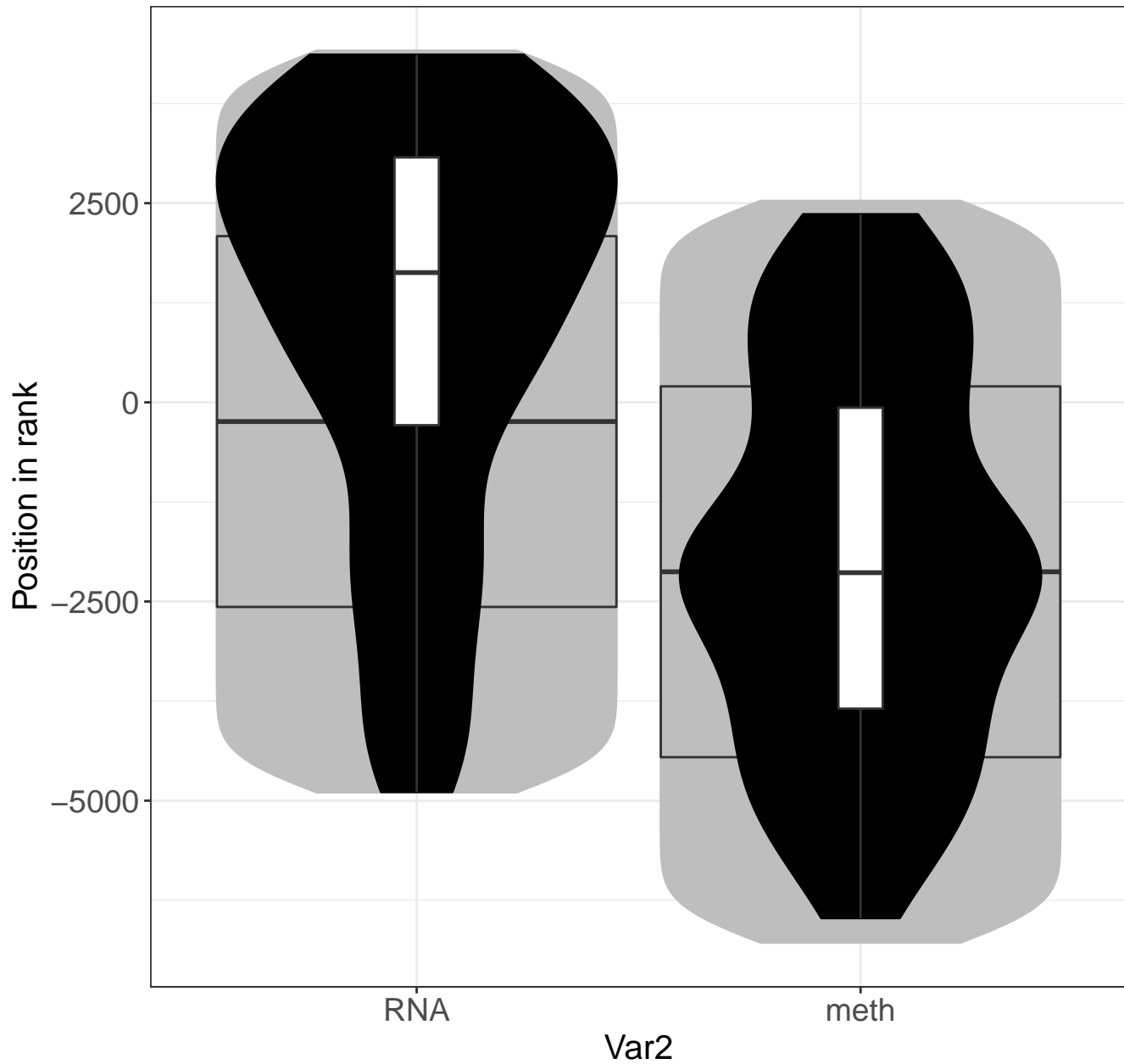
Programmed Cell Death



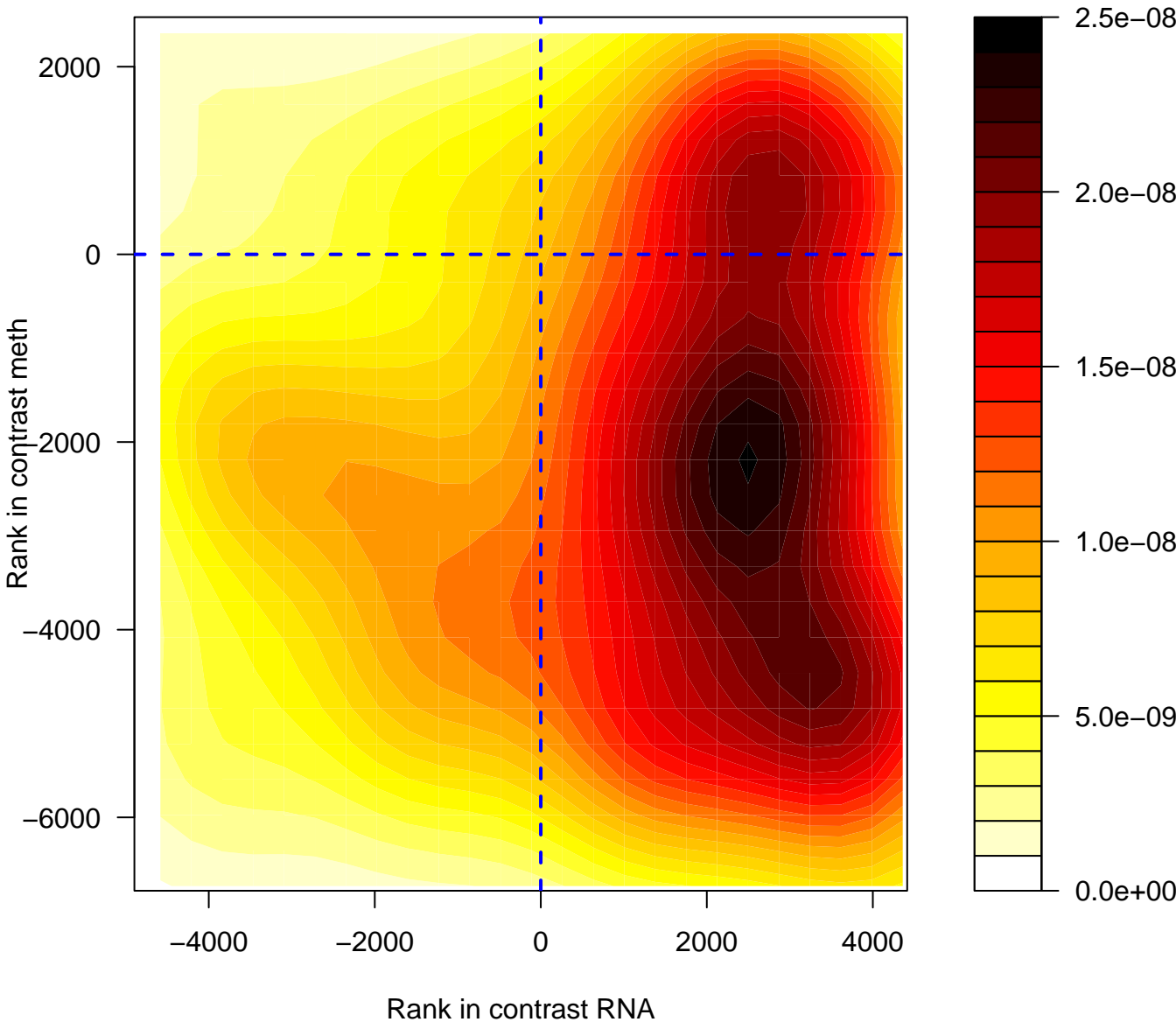
Programmed Cell Death



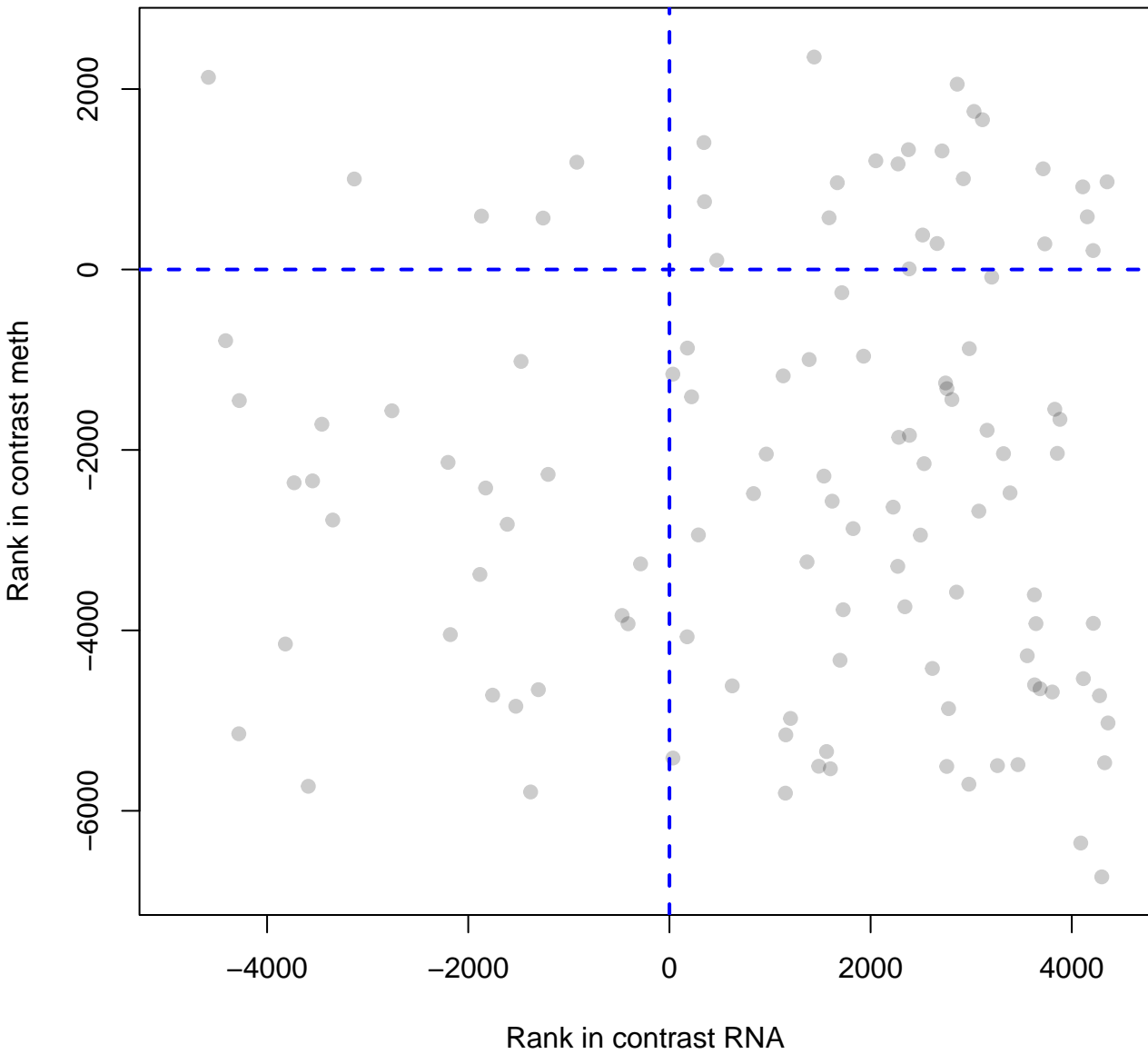
Programmed Cell Death



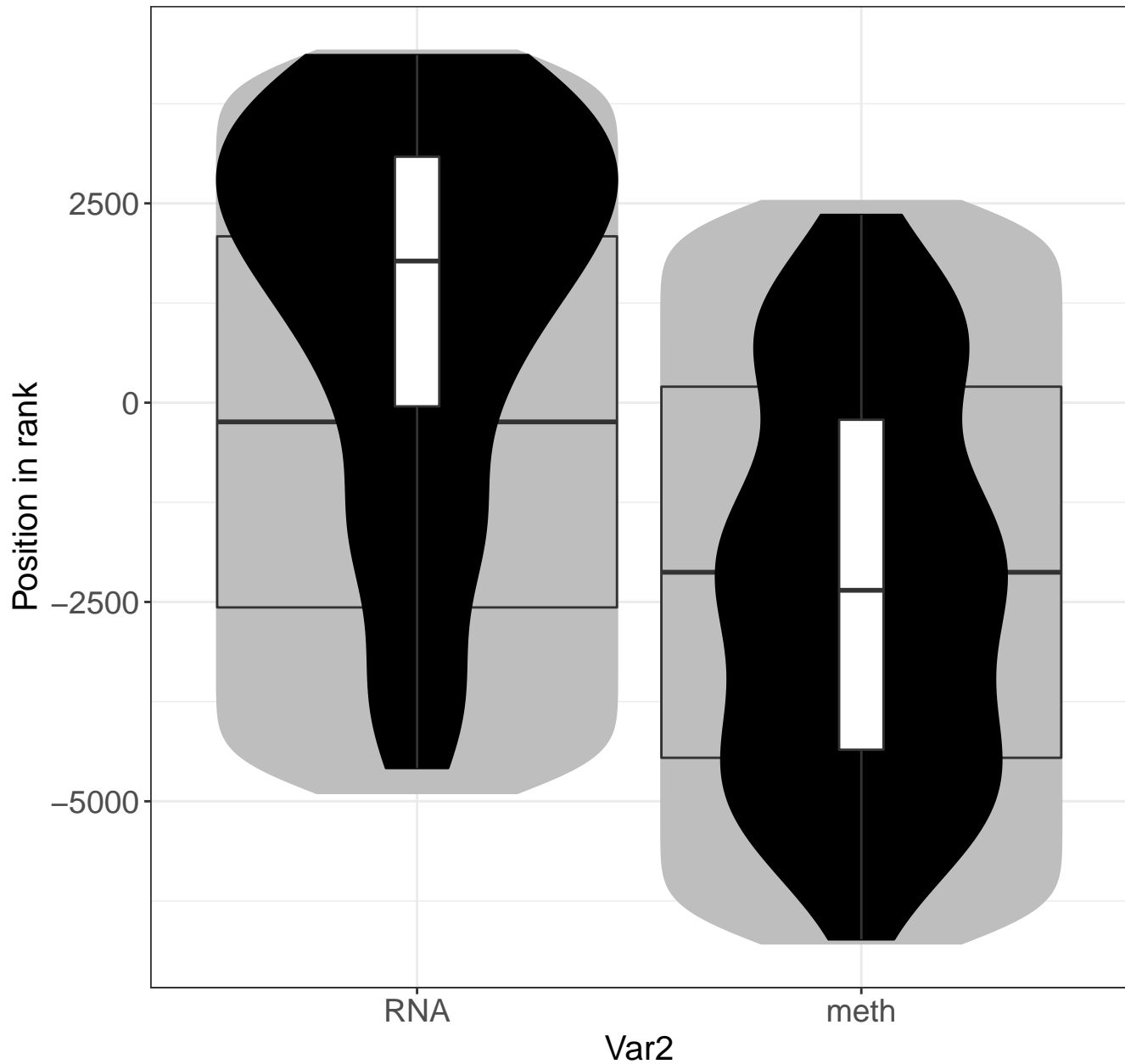
Cellular response to chemical stress



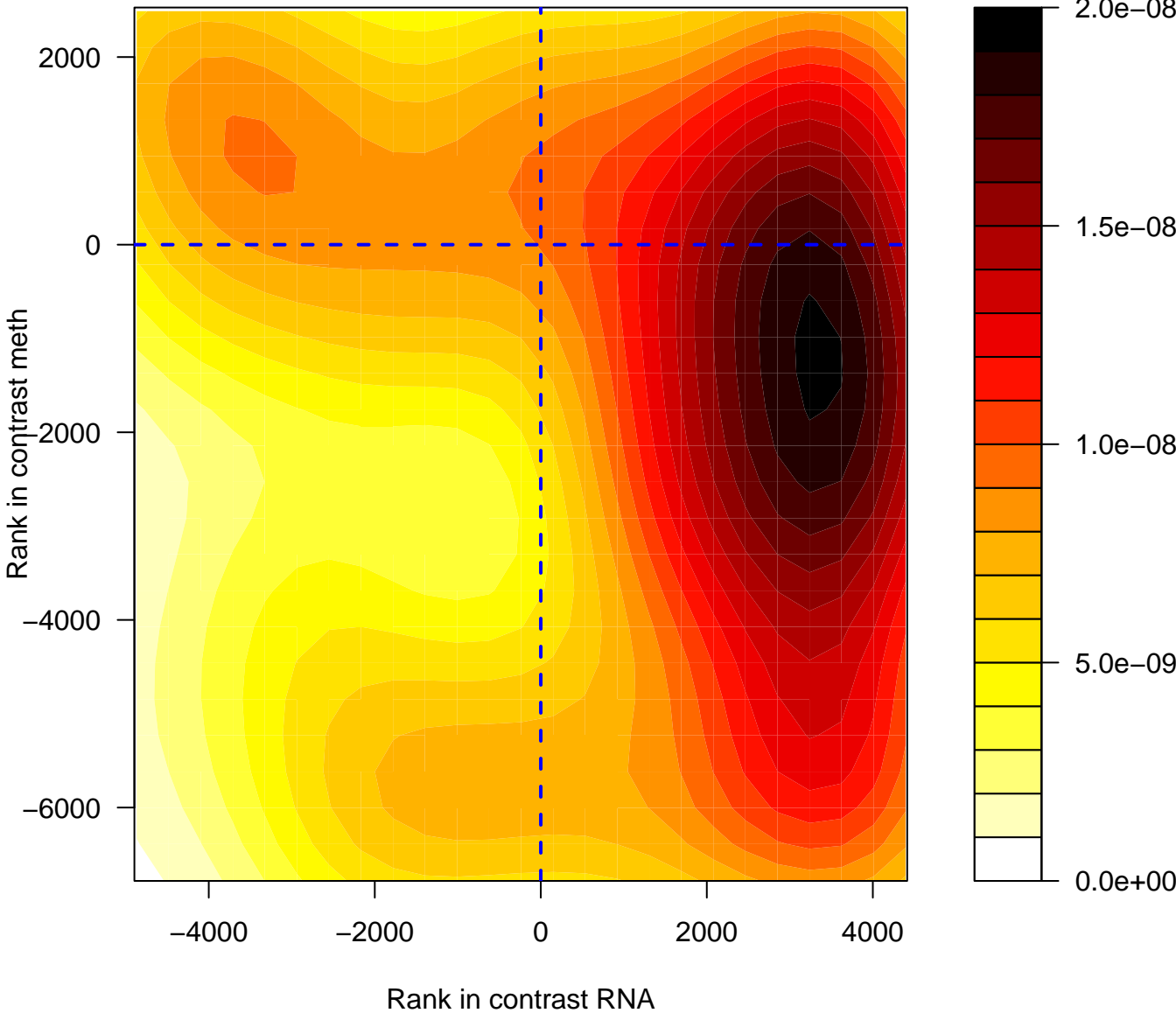
Cellular response to chemical stress



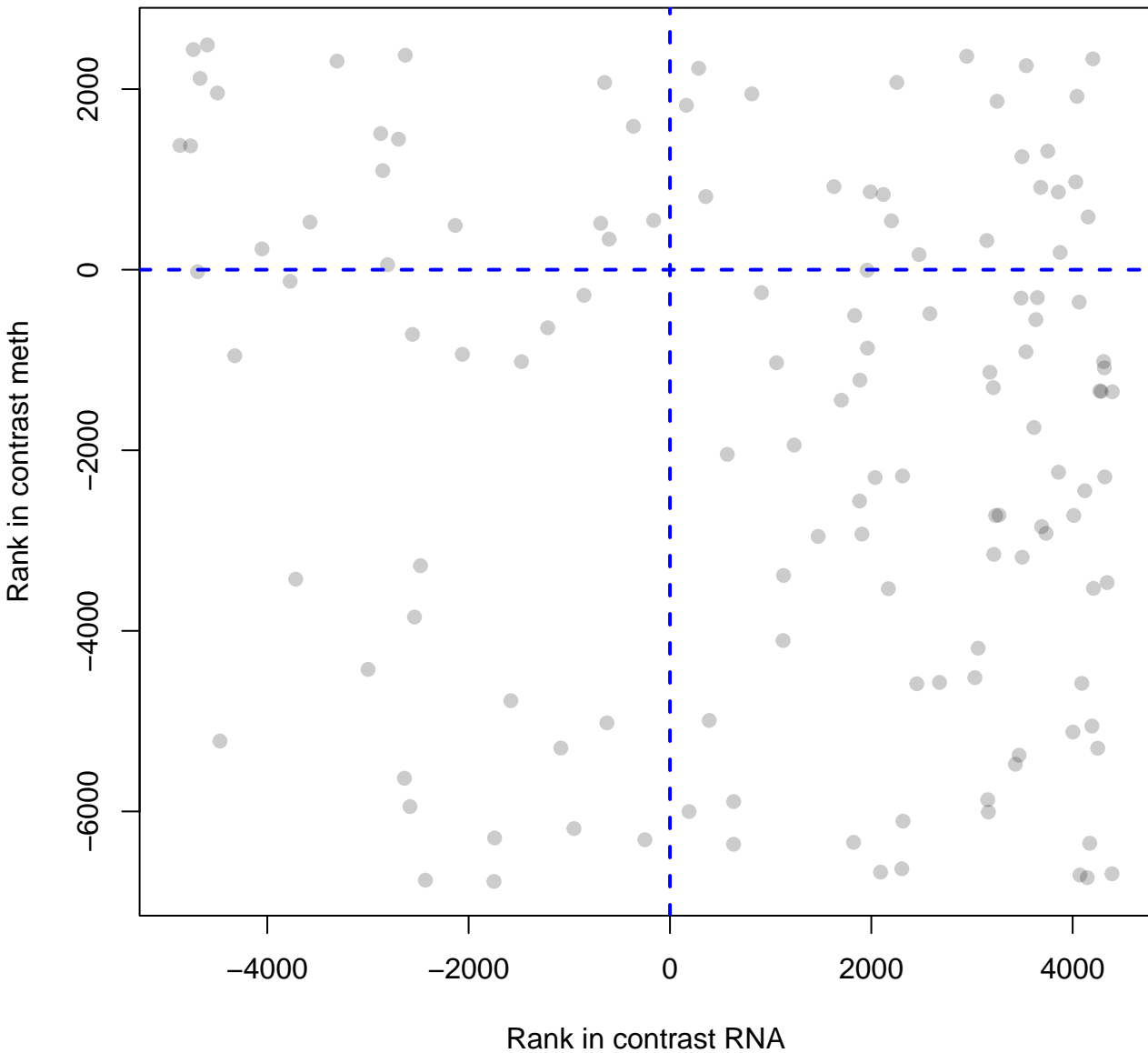
Cellular response to chemical stress



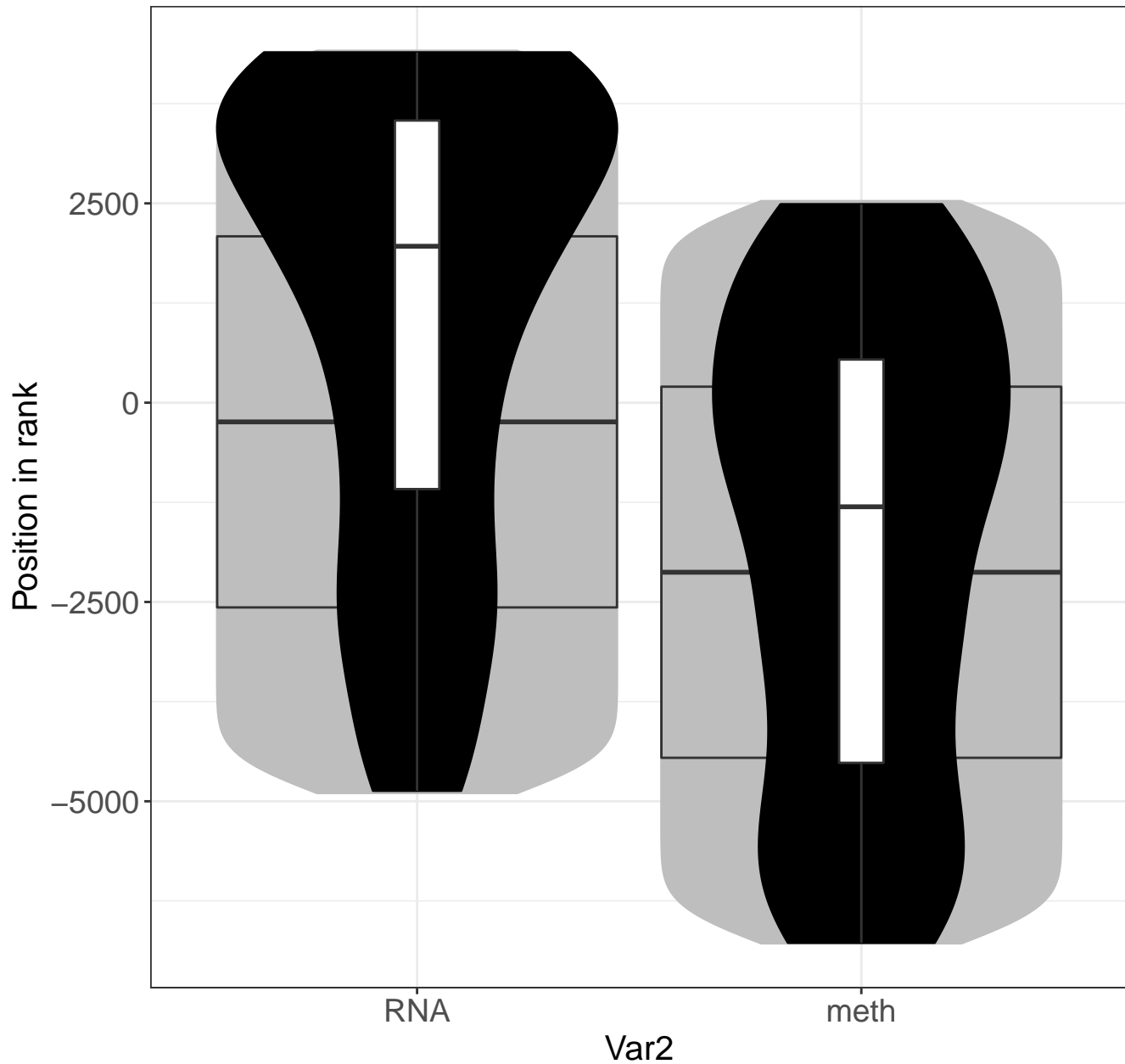
Platelet activation, signaling and aggregation



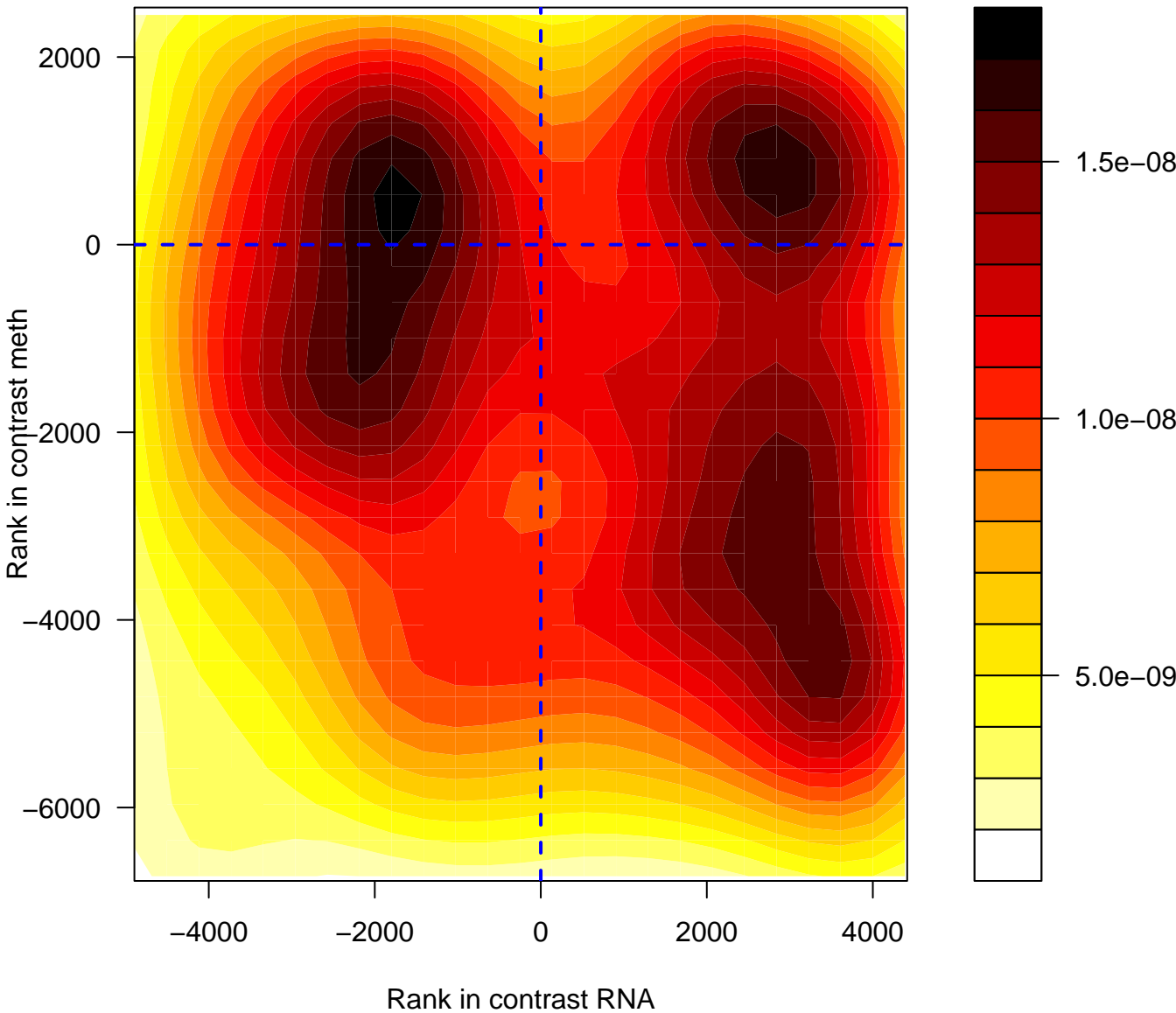
Platelet activation, signaling and aggregation



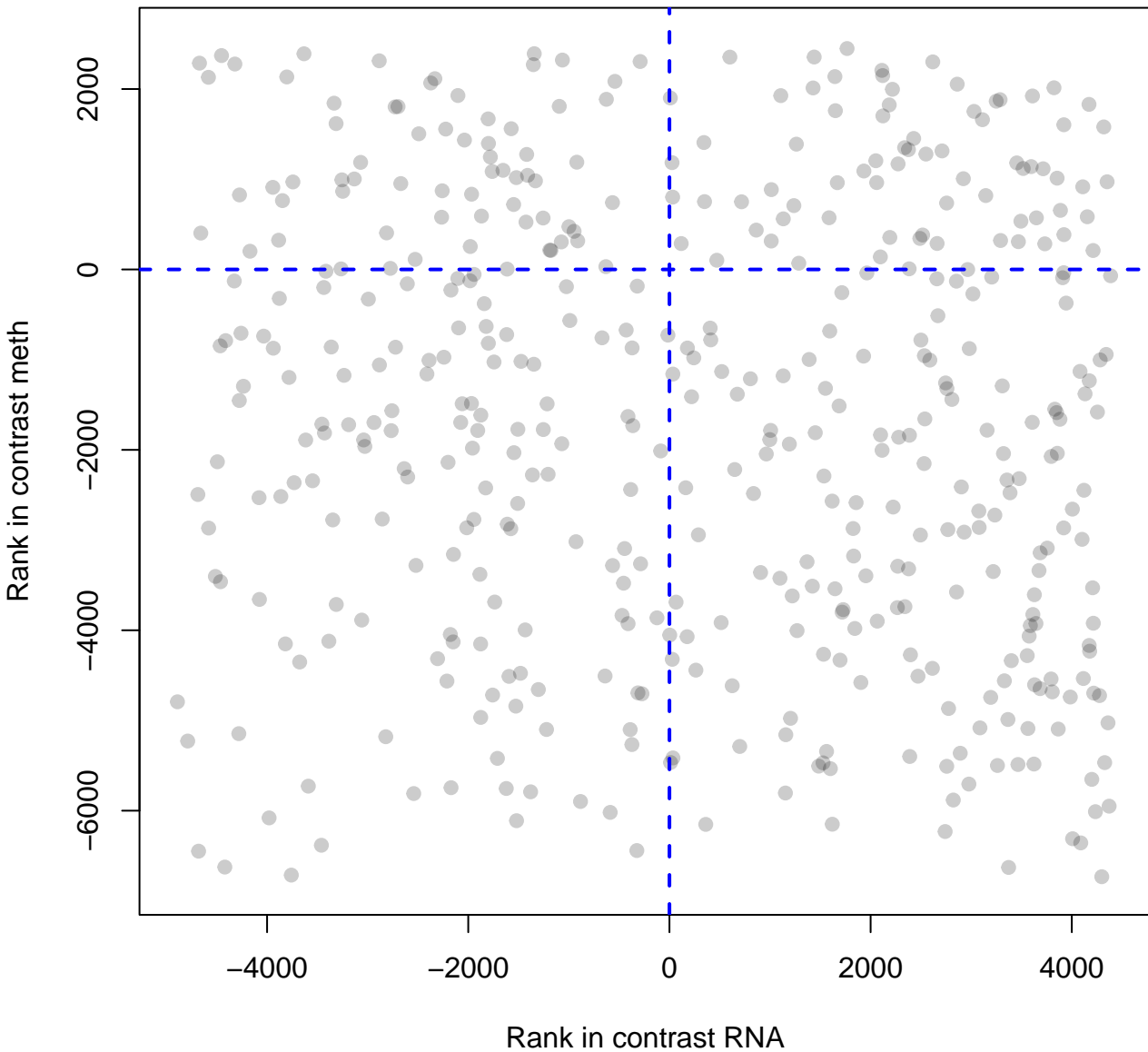
Platelet activation, signaling and aggregation



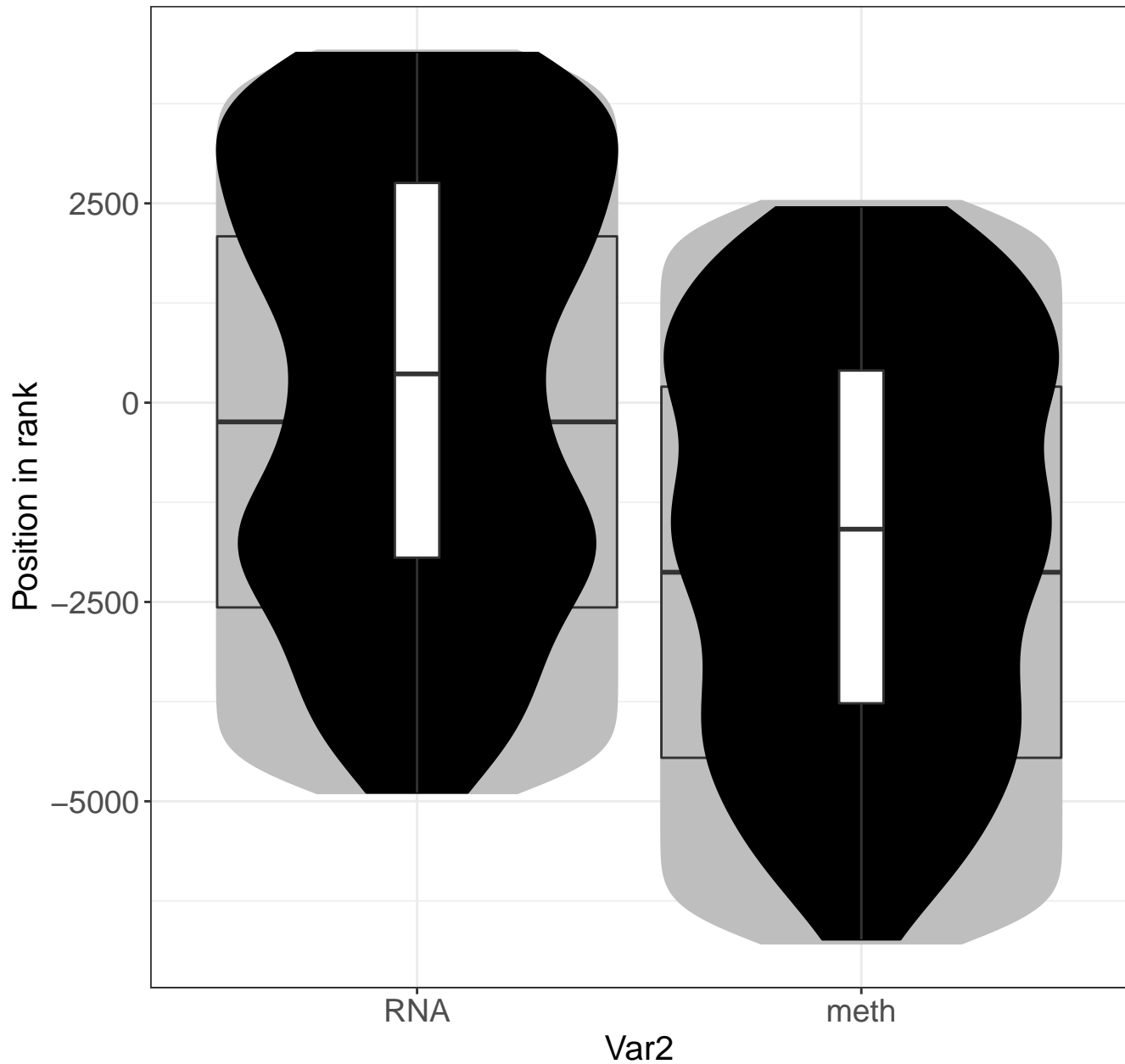
Cellular responses to external stimuli



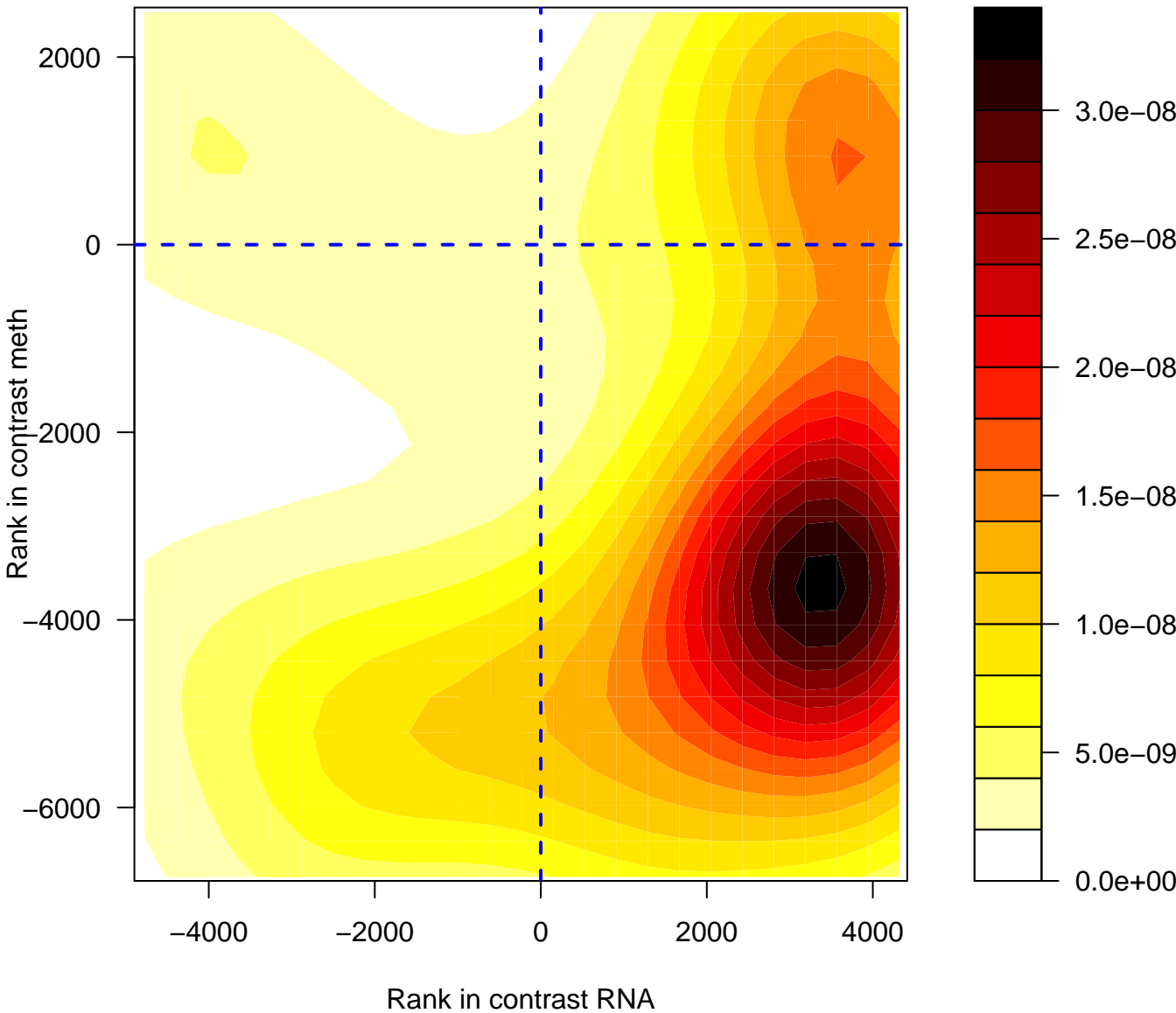
Cellular responses to external stimuli



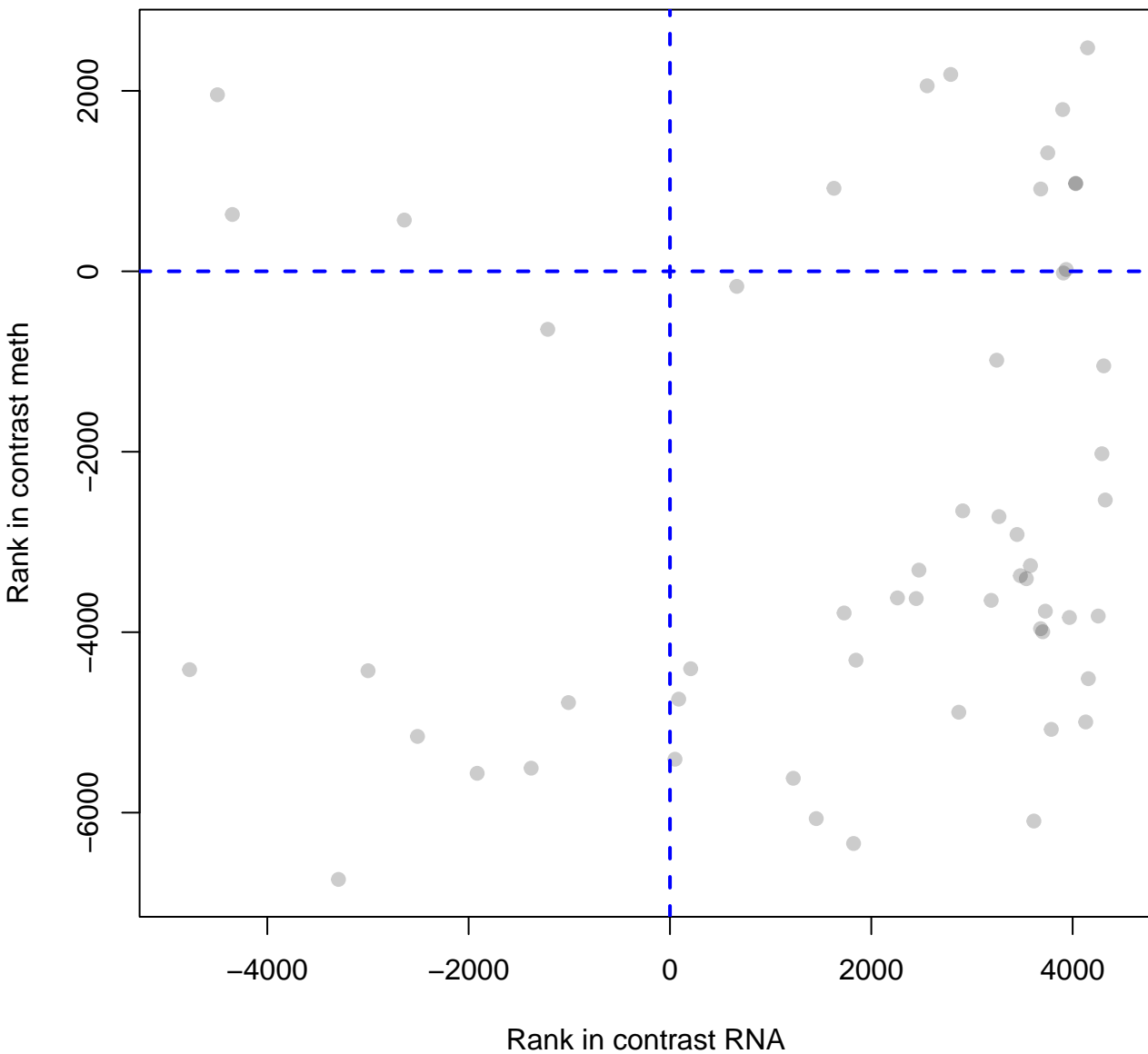
Cellular responses to external stimuli



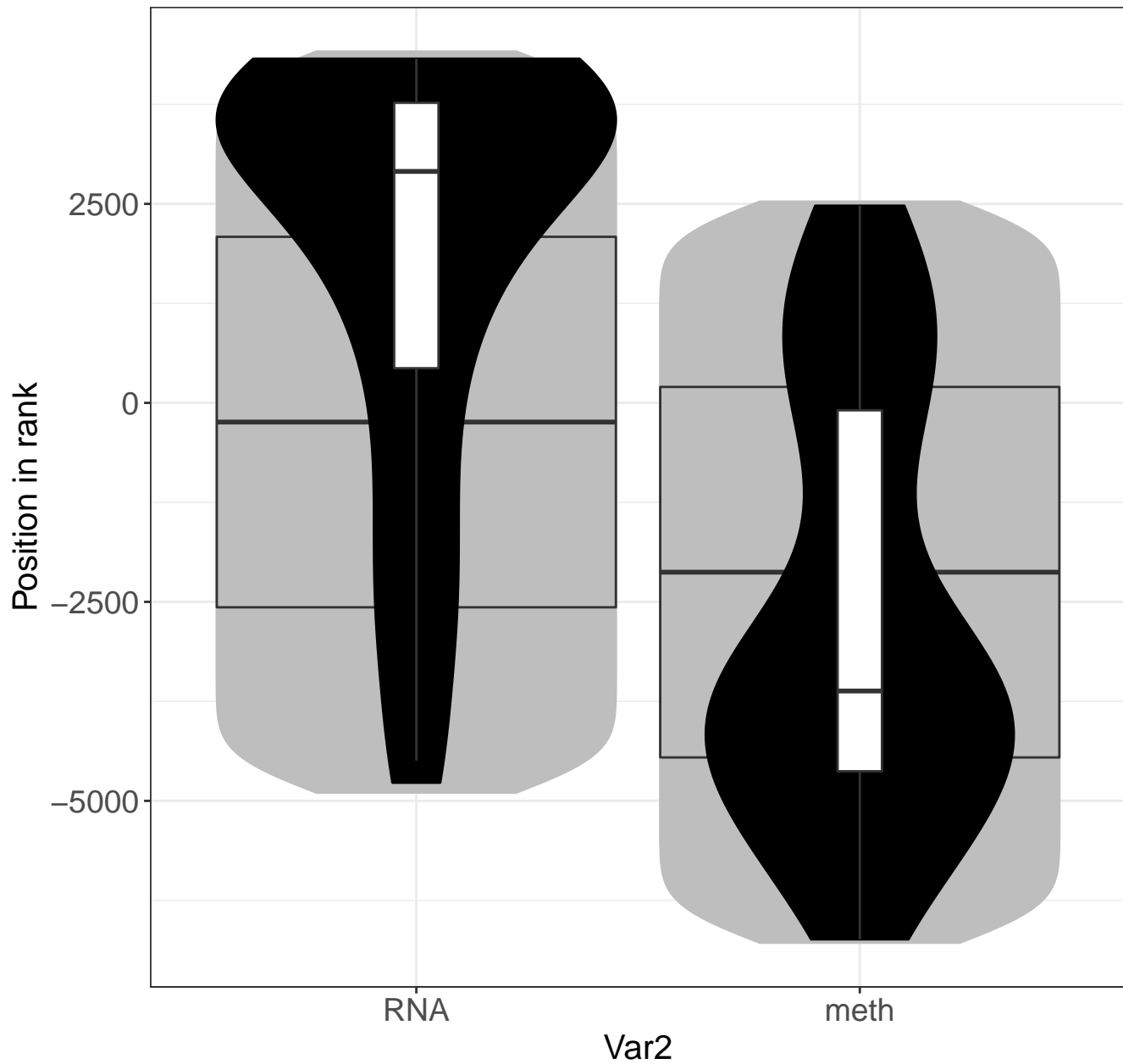
EPH-Ephrin signaling



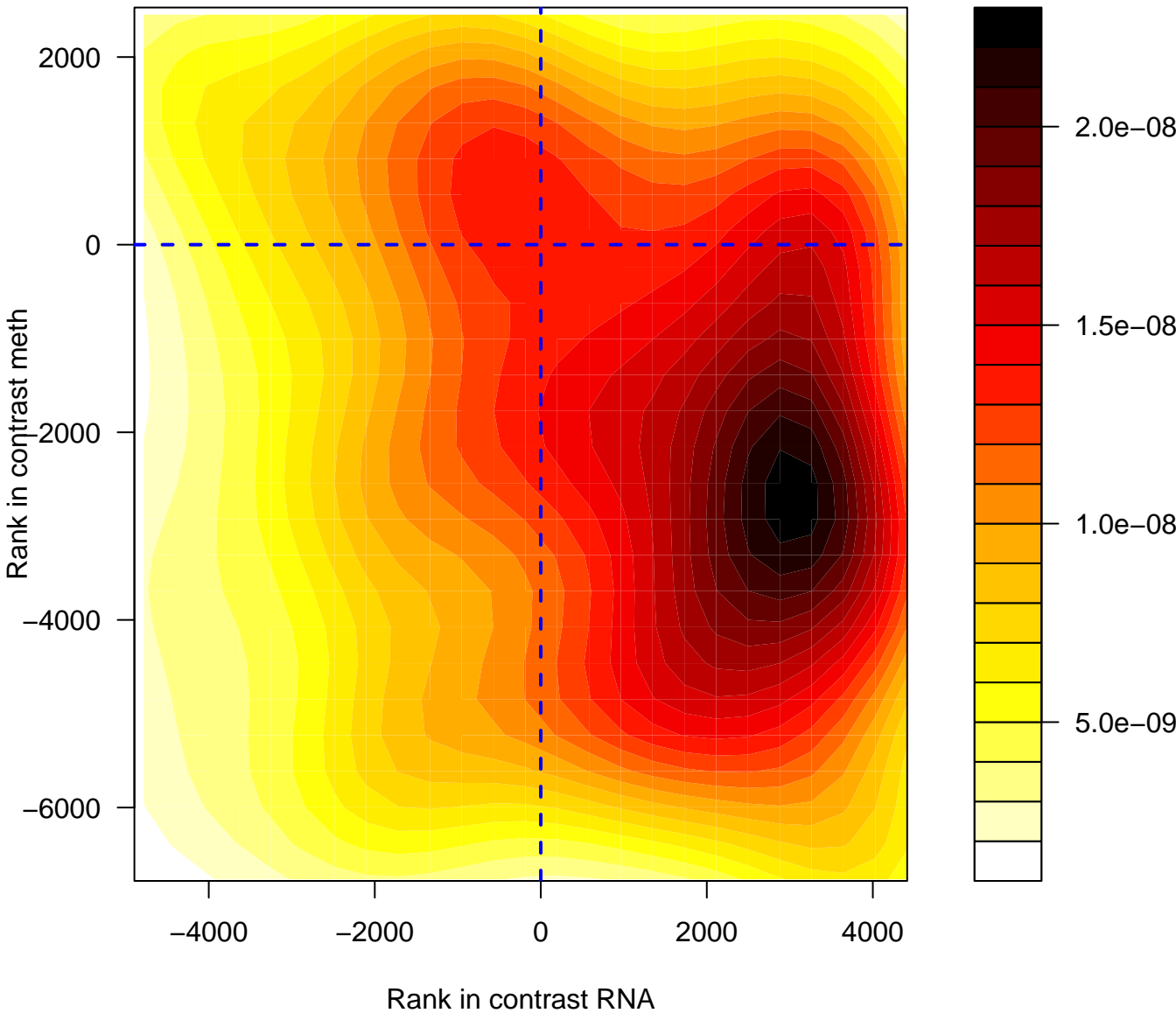
EPH-Ephrin signaling



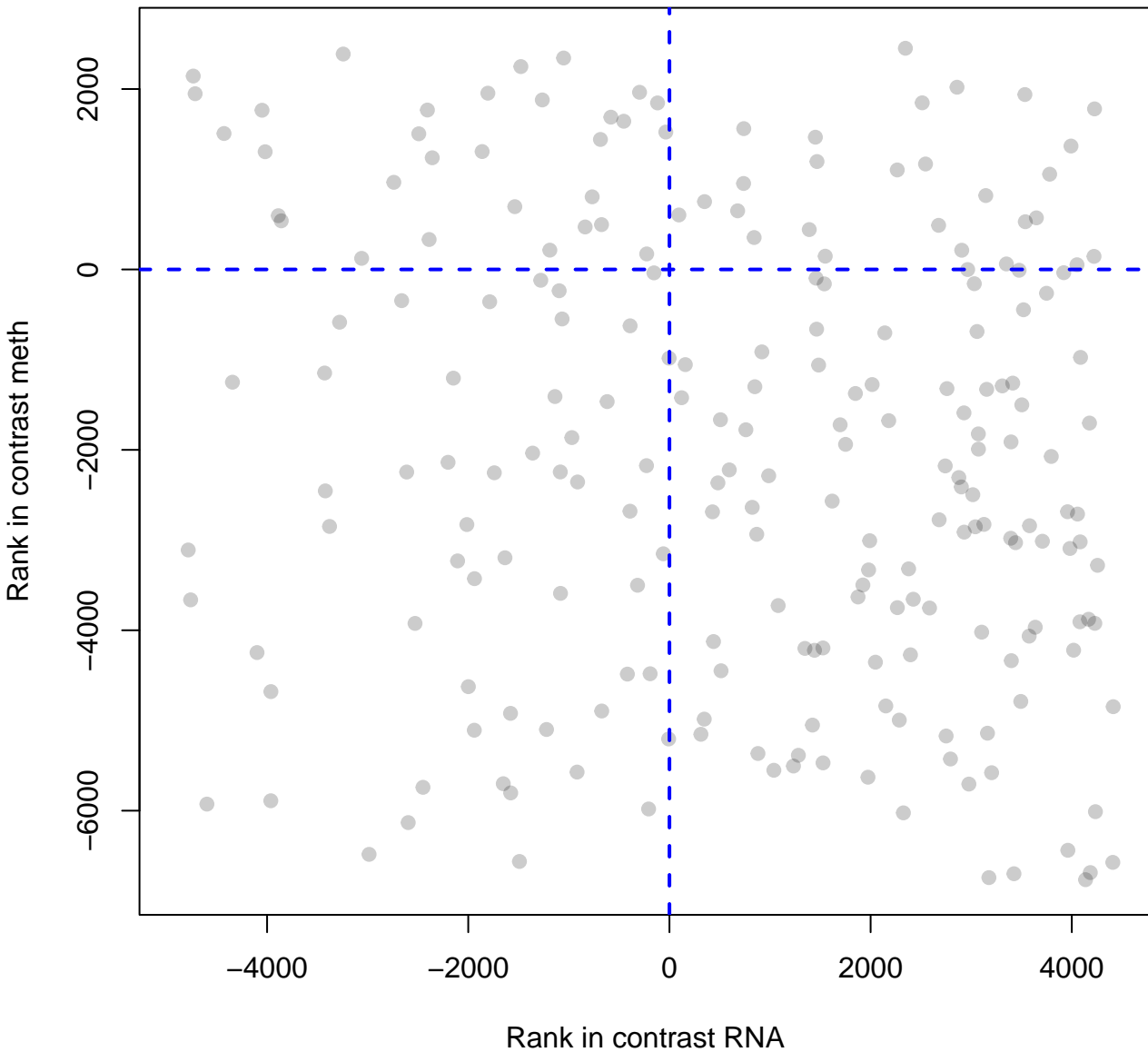
EPH-Ephrin signaling



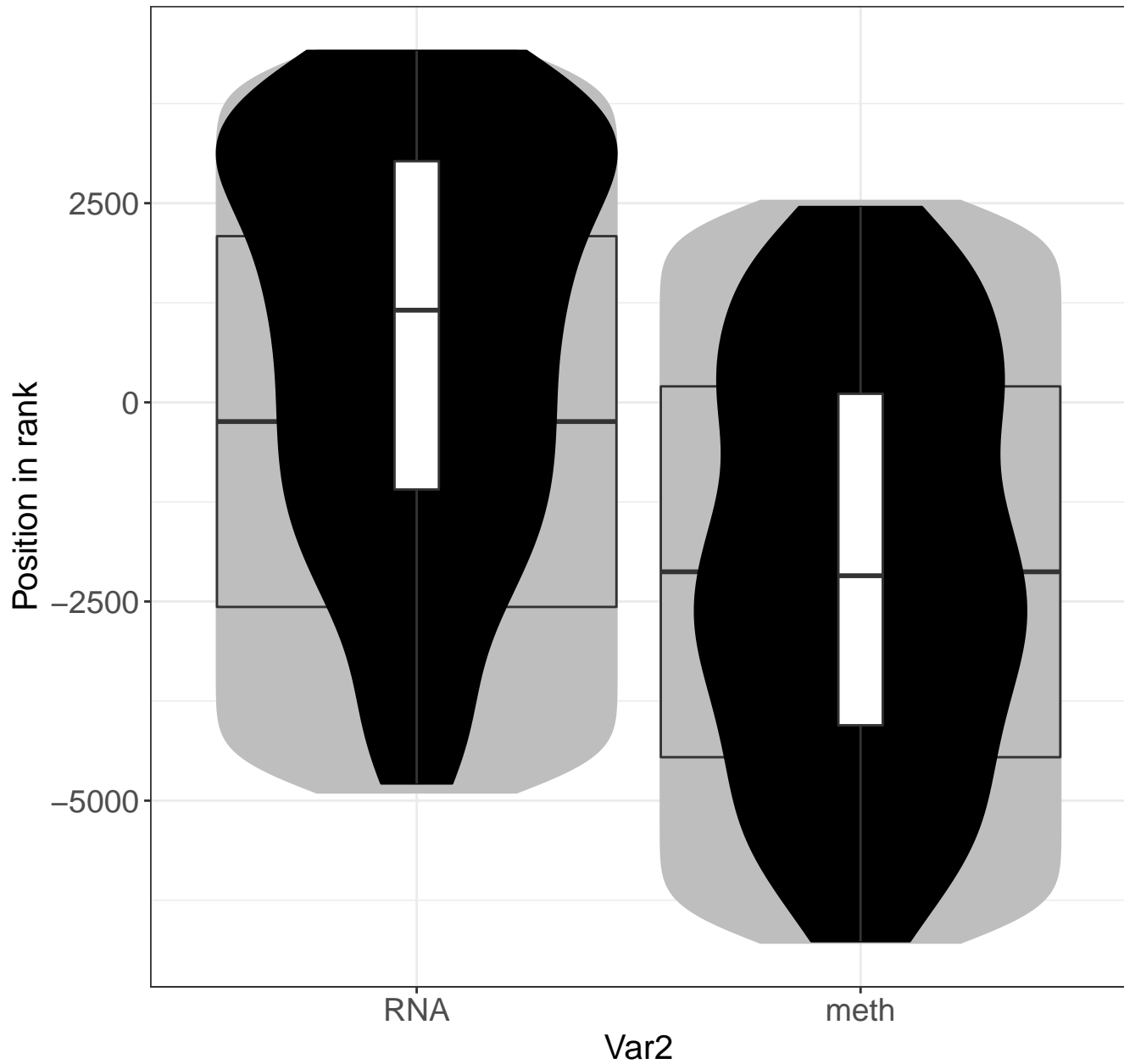
Asparagine N-linked glycosylation



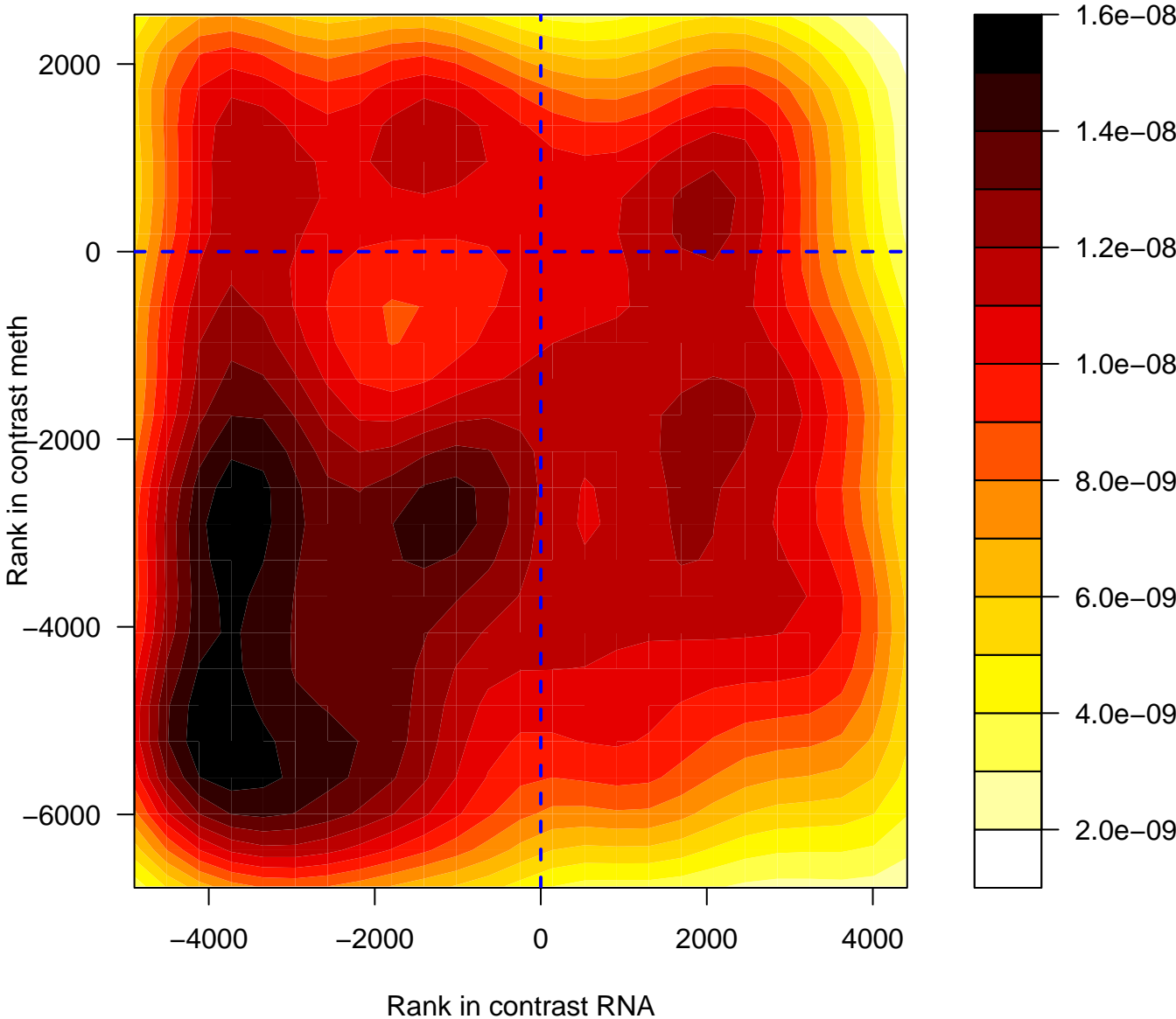
Asparagine N-linked glycosylation



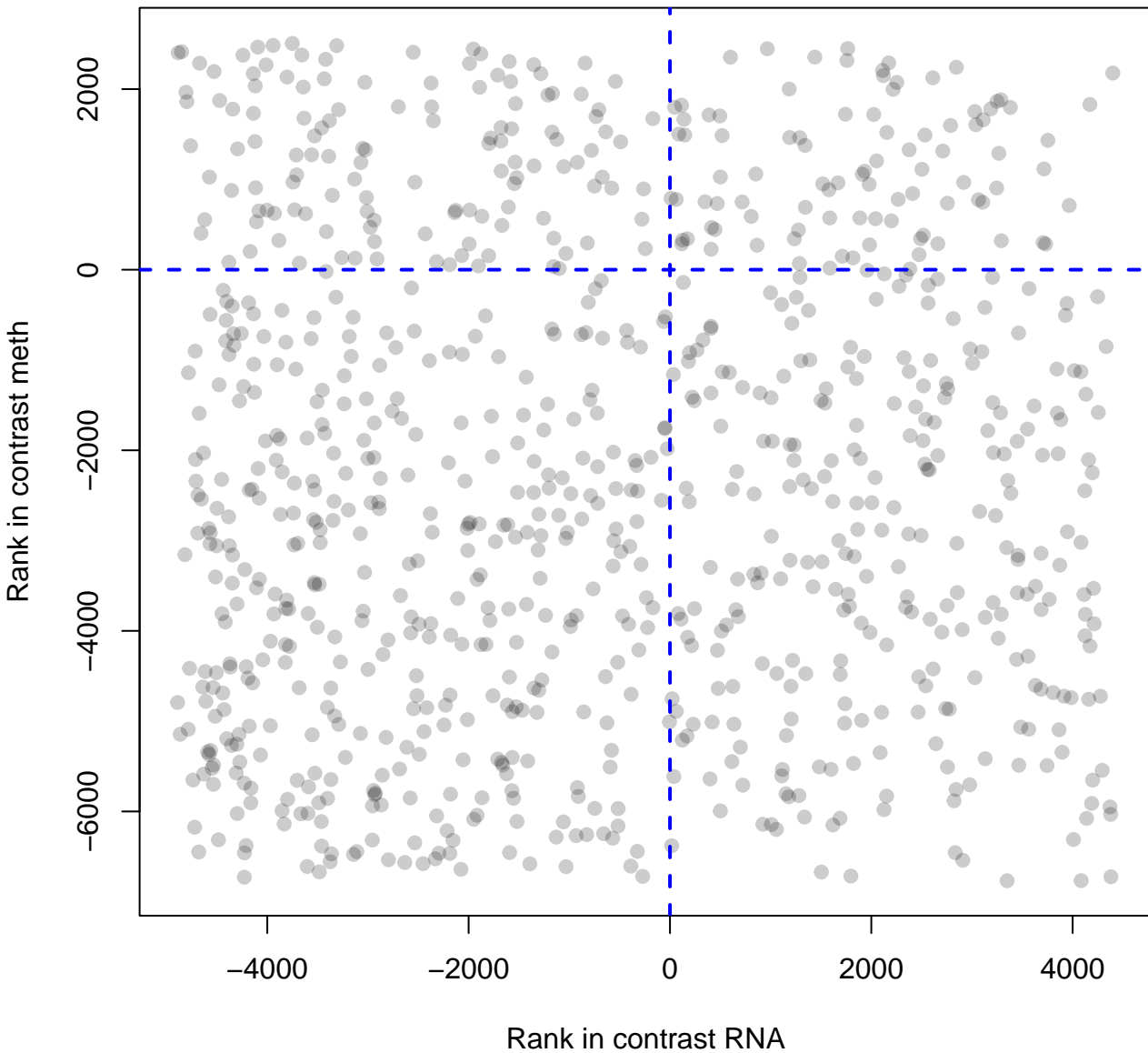
Asparagine N-linked glycosylation



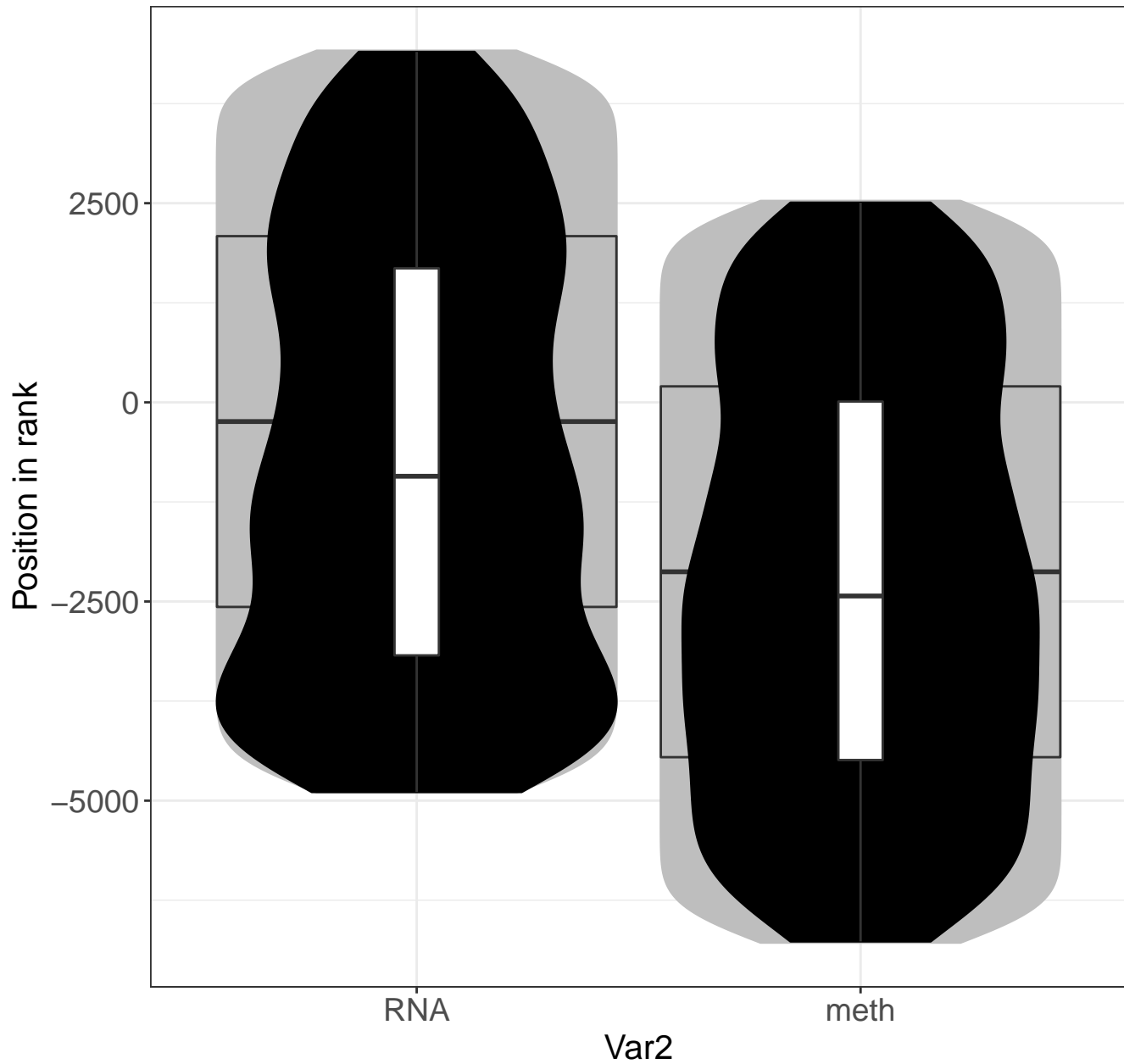
RNA Polymerase II Transcription



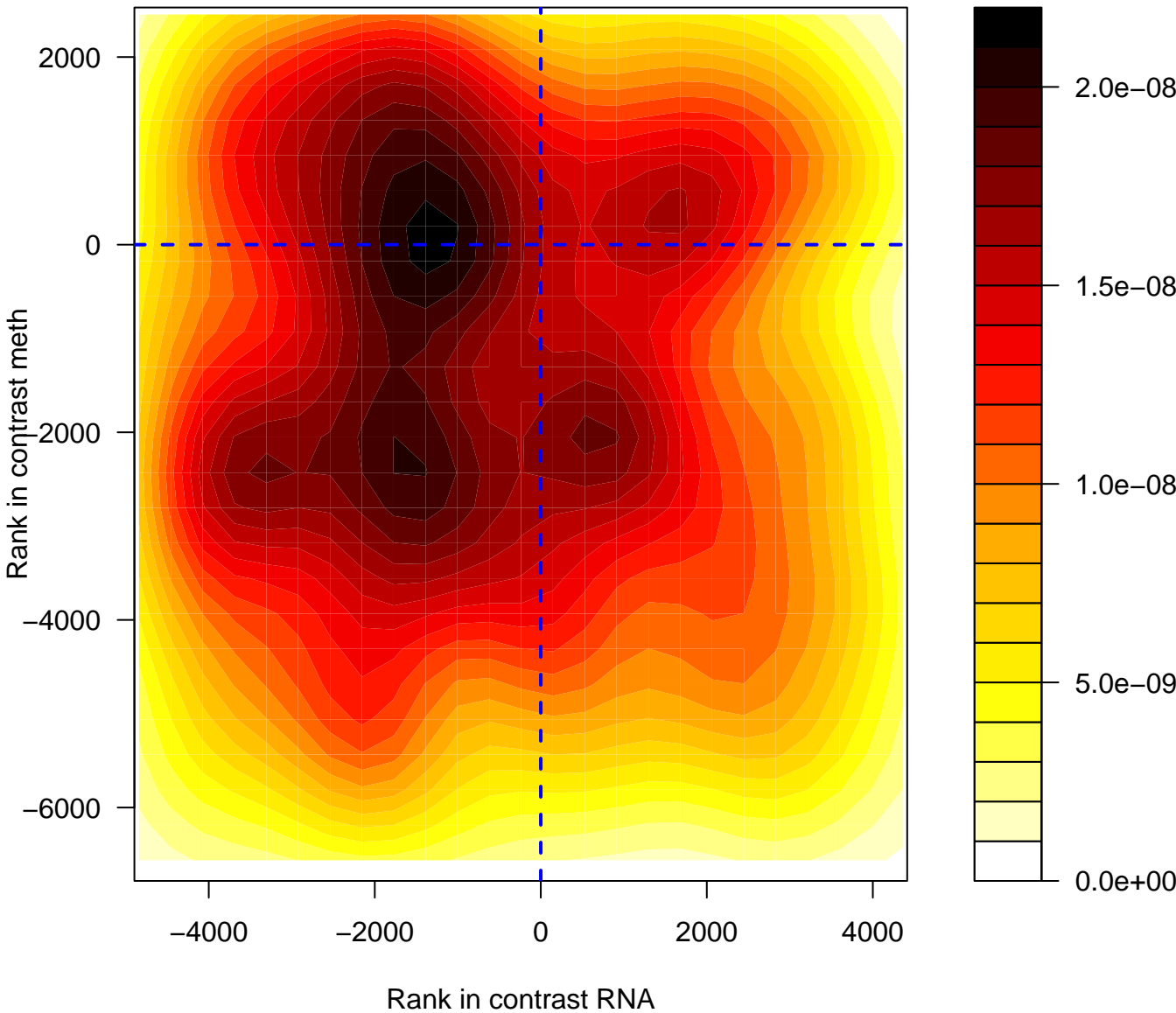
RNA Polymerase II Transcription



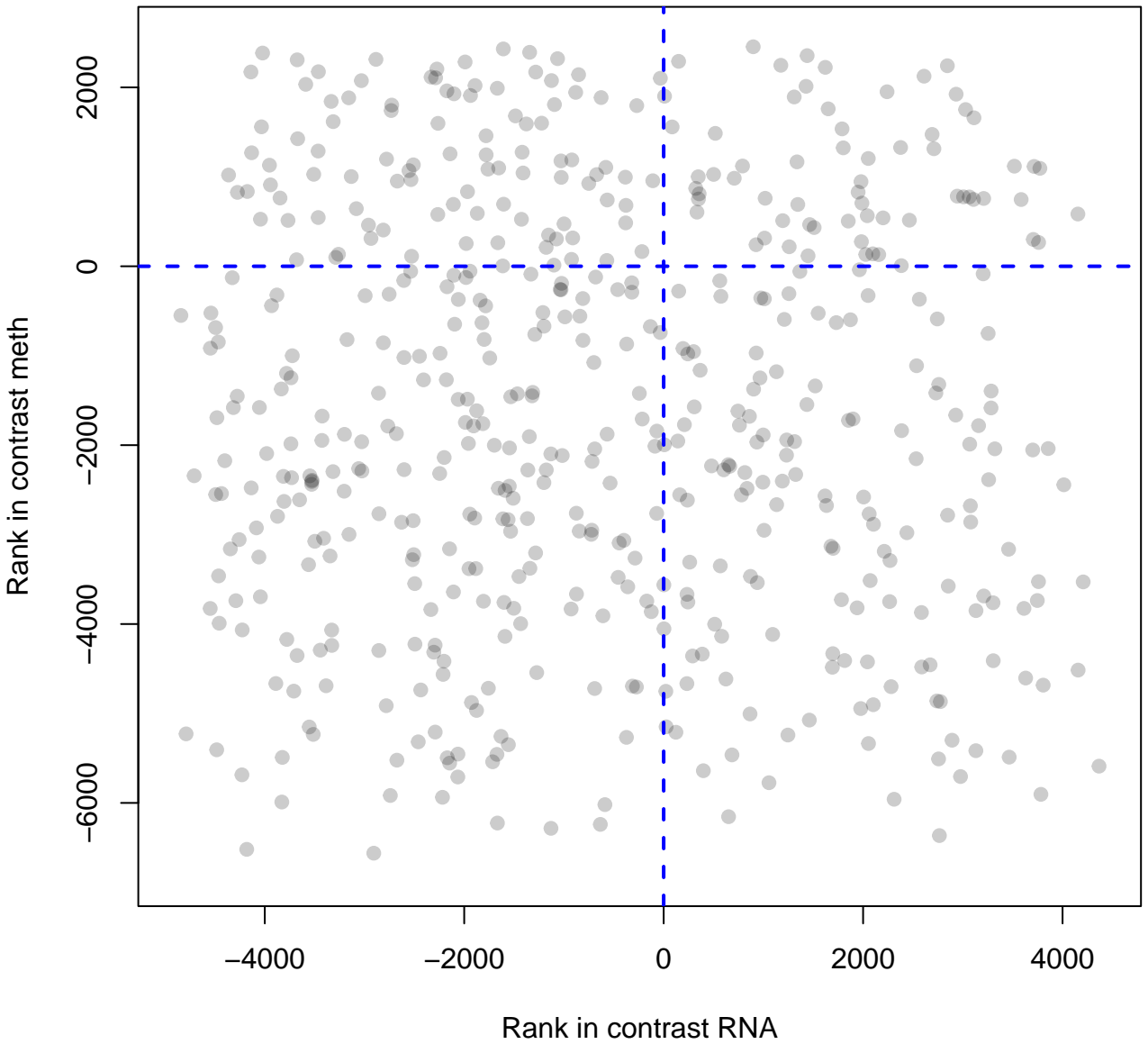
RNA Polymerase II Transcription



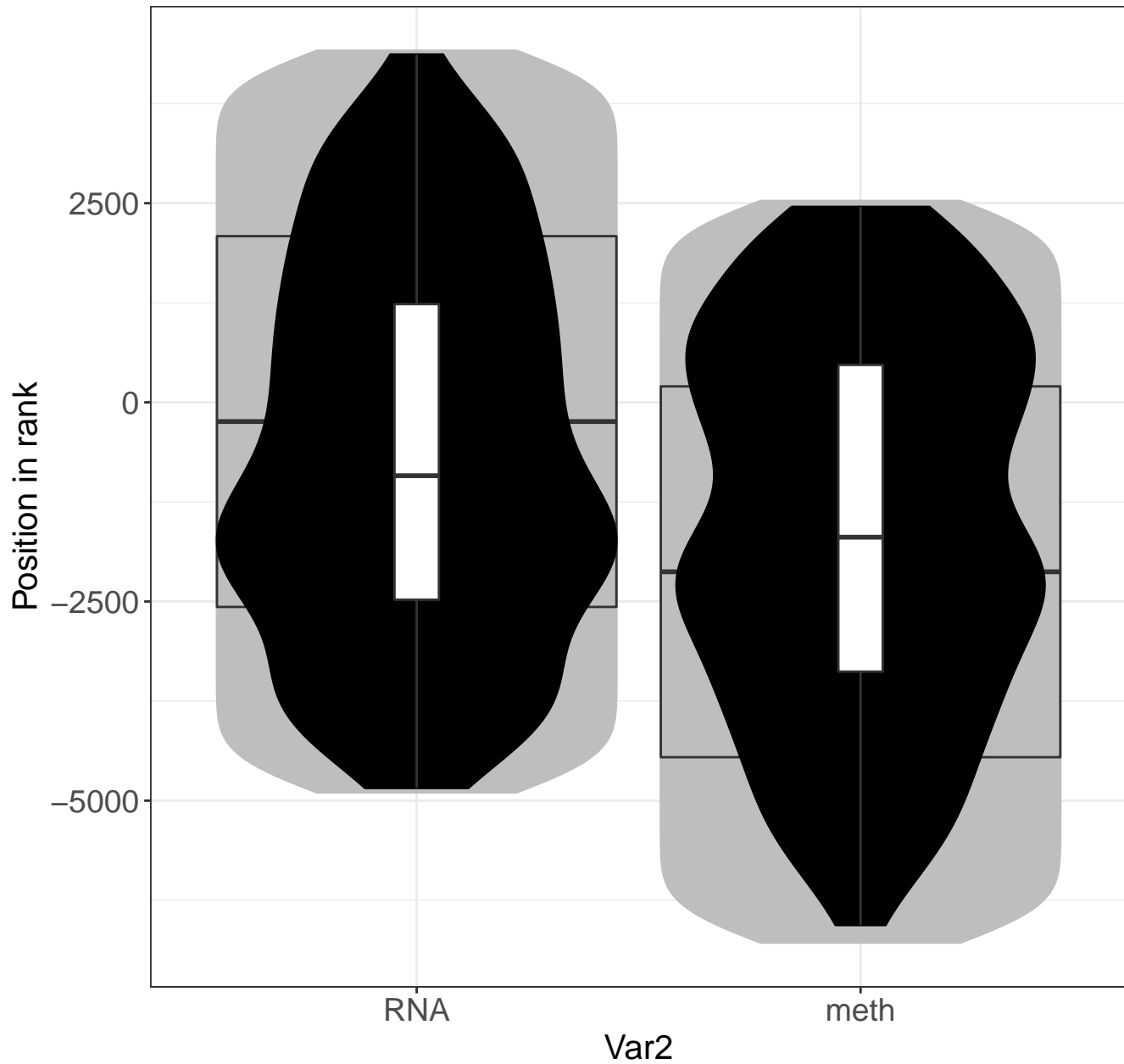
Metabolism of RNA



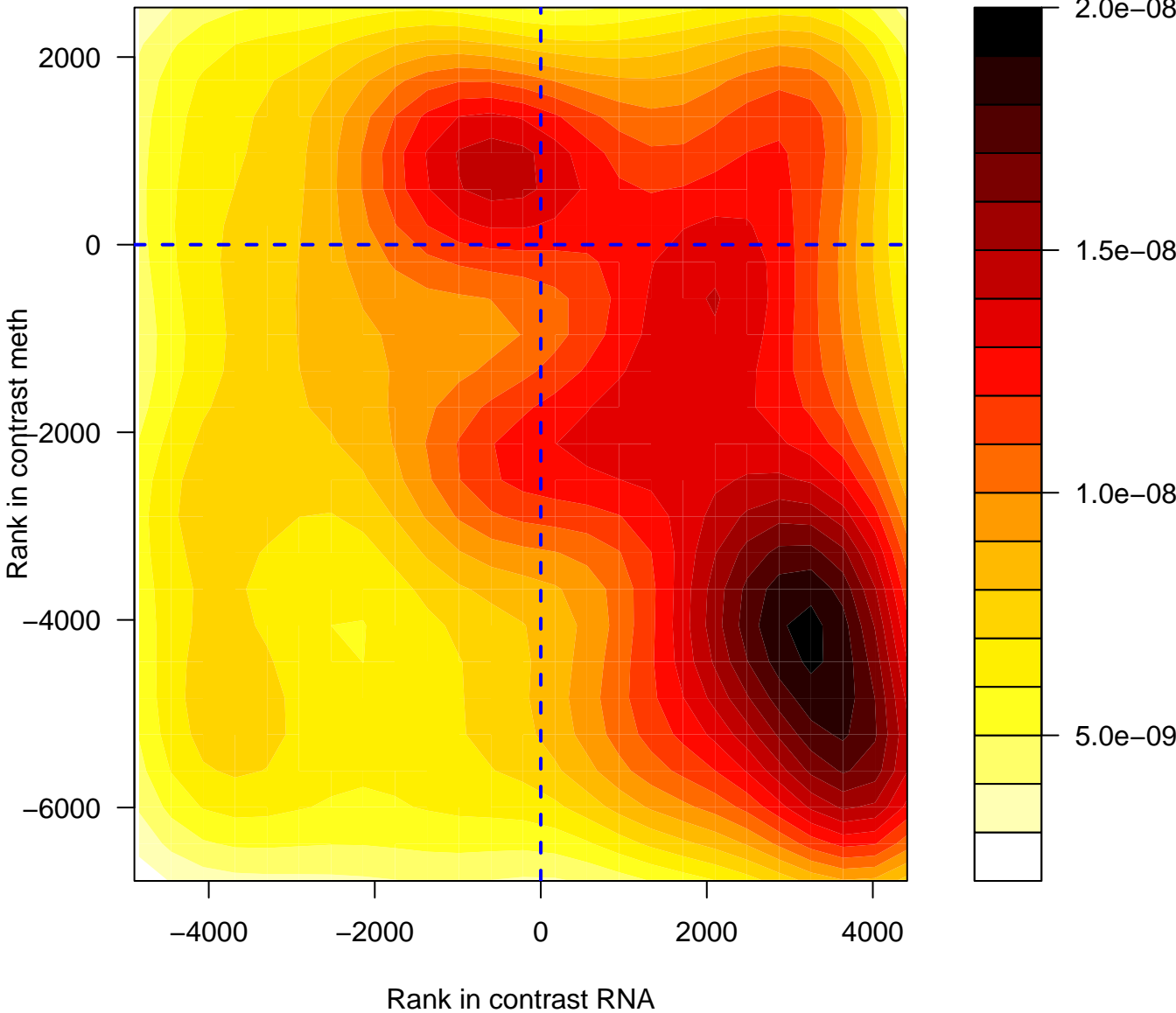
Metabolism of RNA



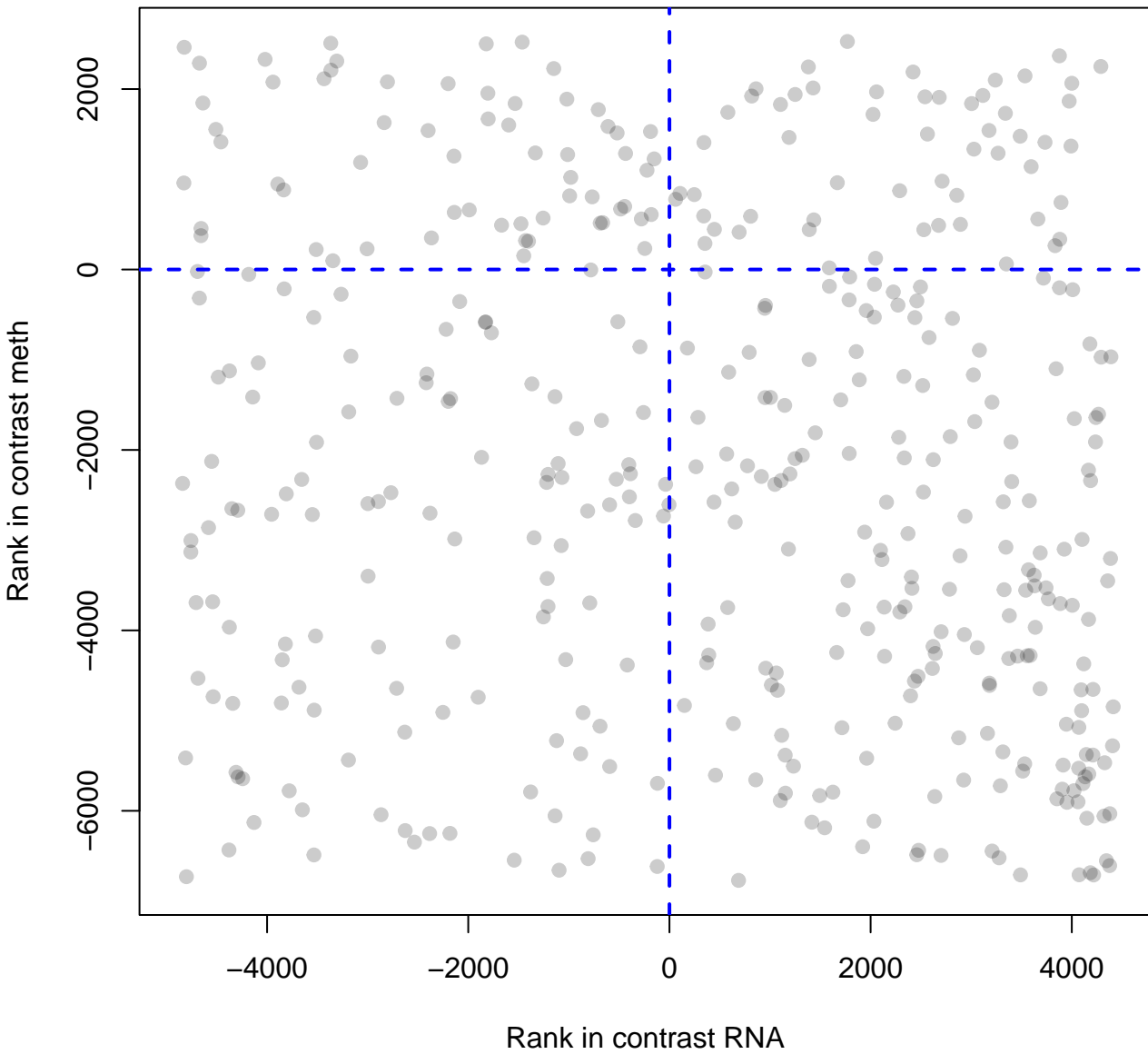
Metabolism of RNA



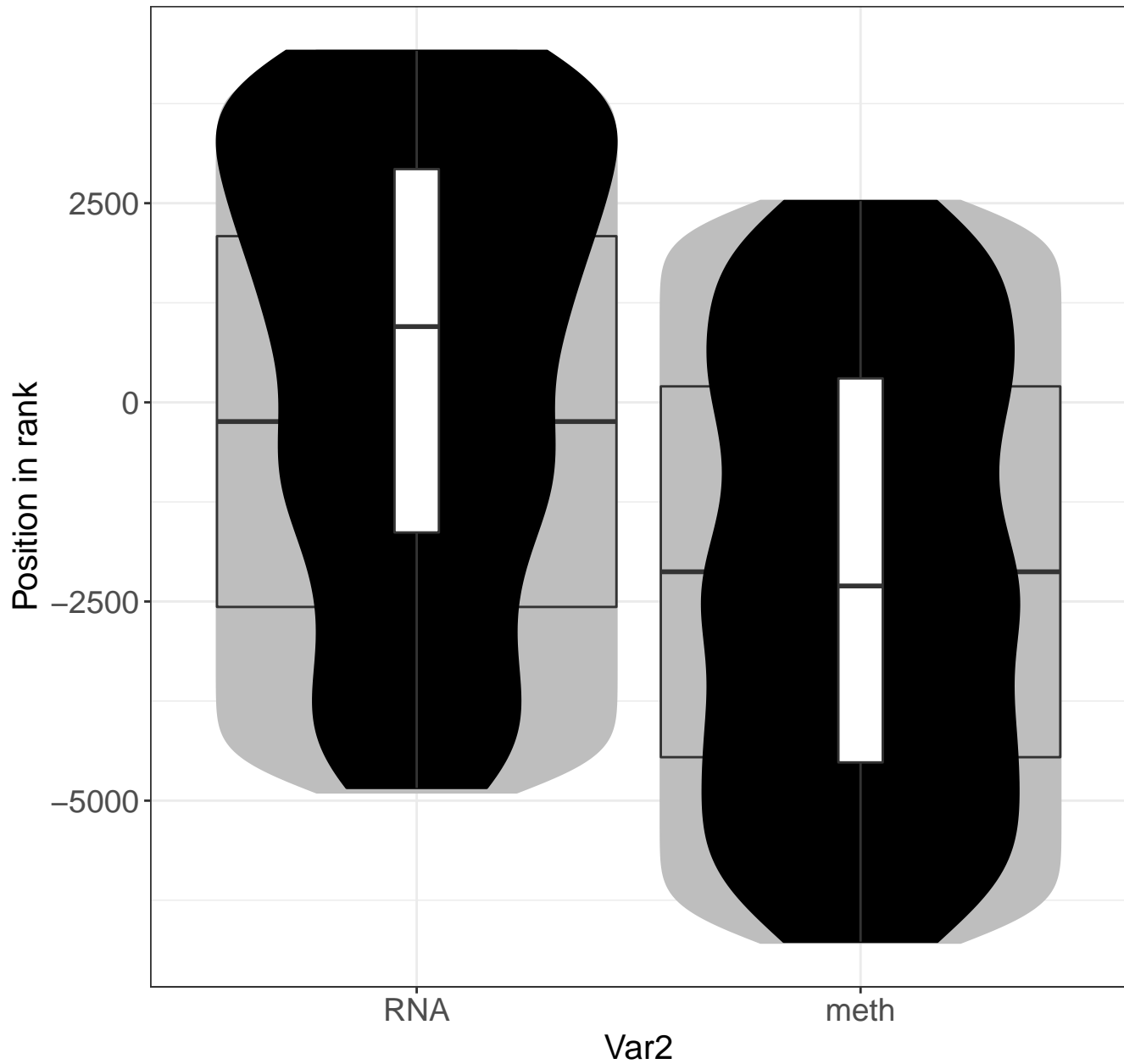
Metabolism of lipids



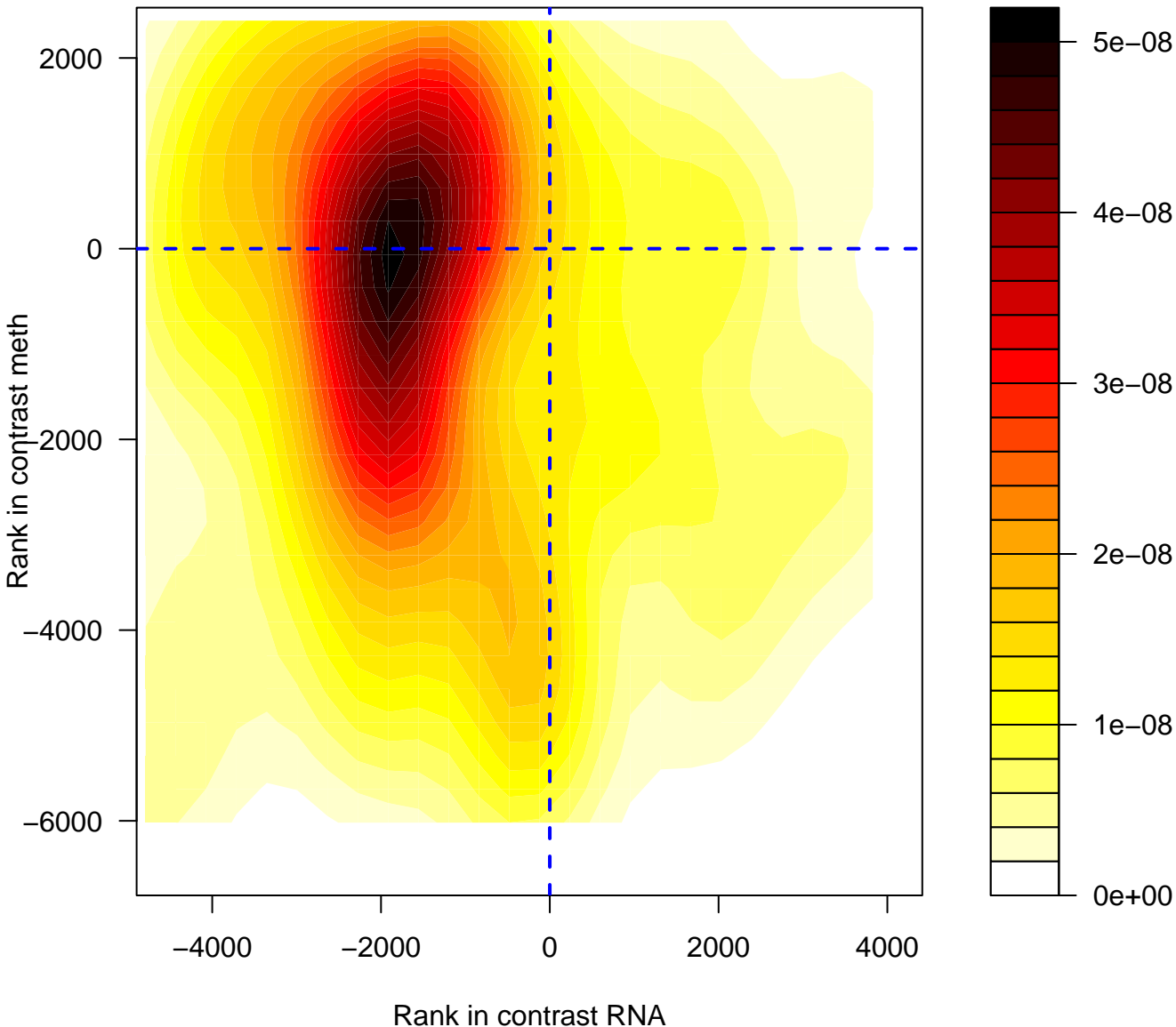
Metabolism of lipids



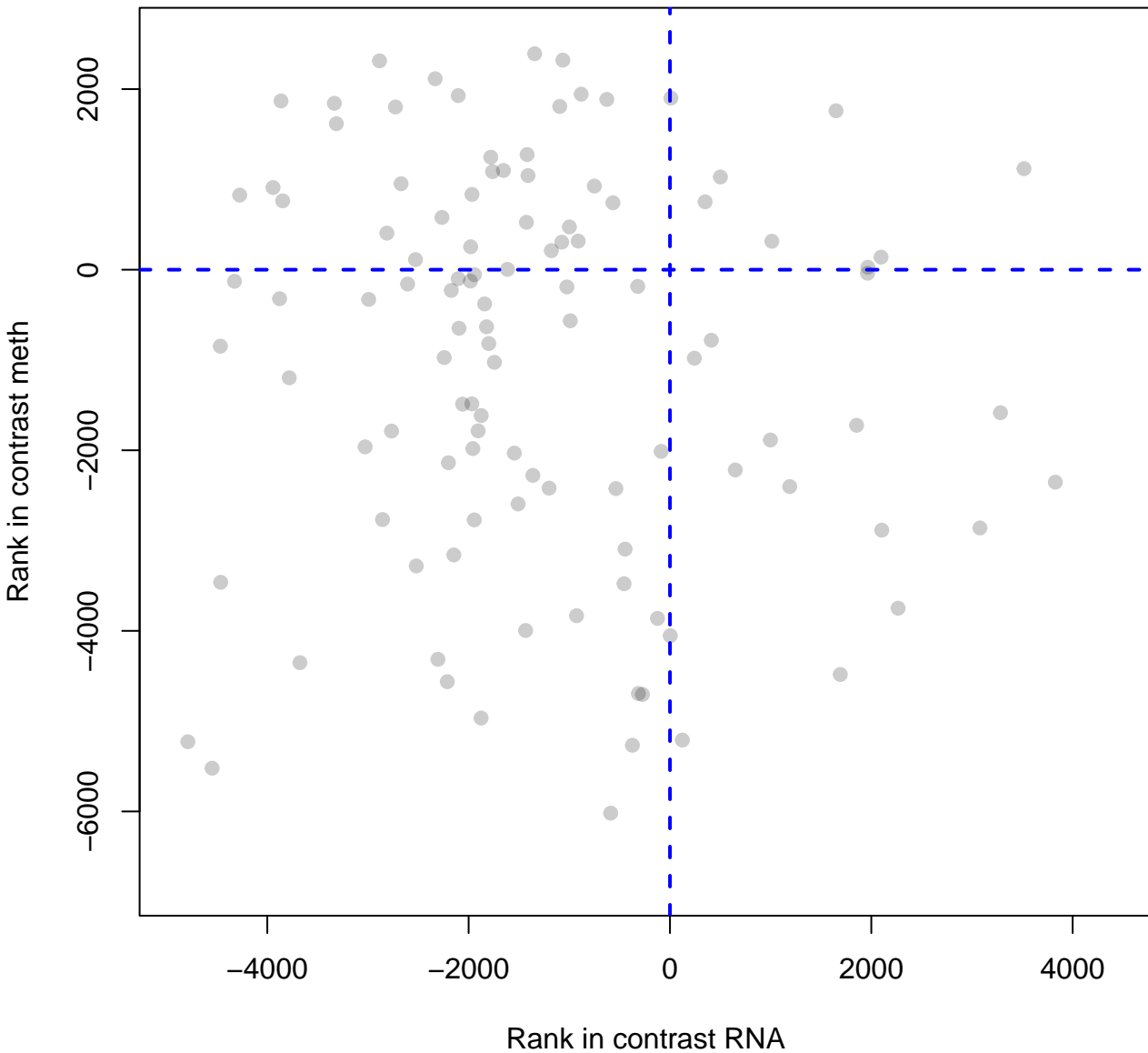
Metabolism of lipids



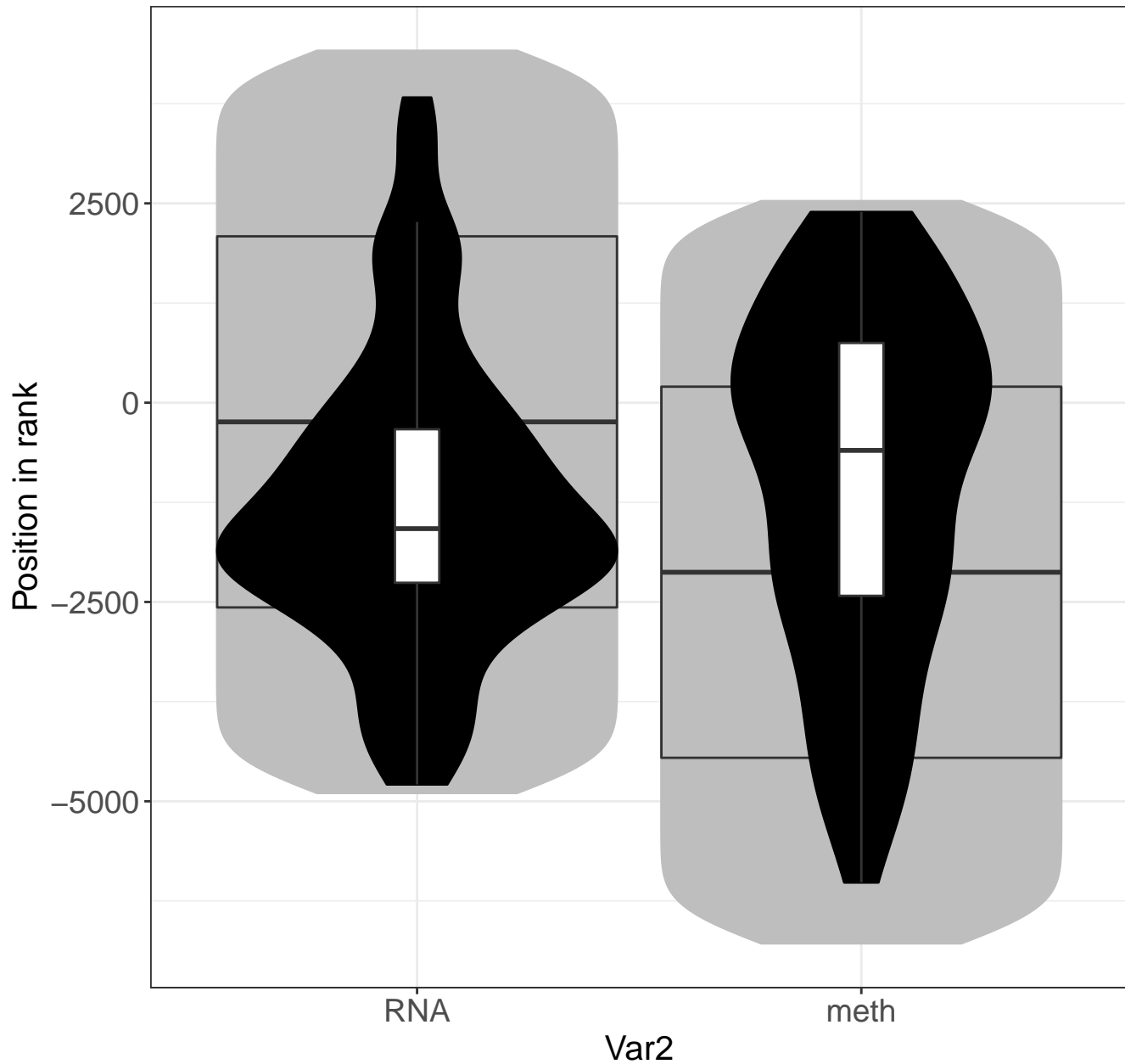
Influenza Viral RNA Transcription and Replication



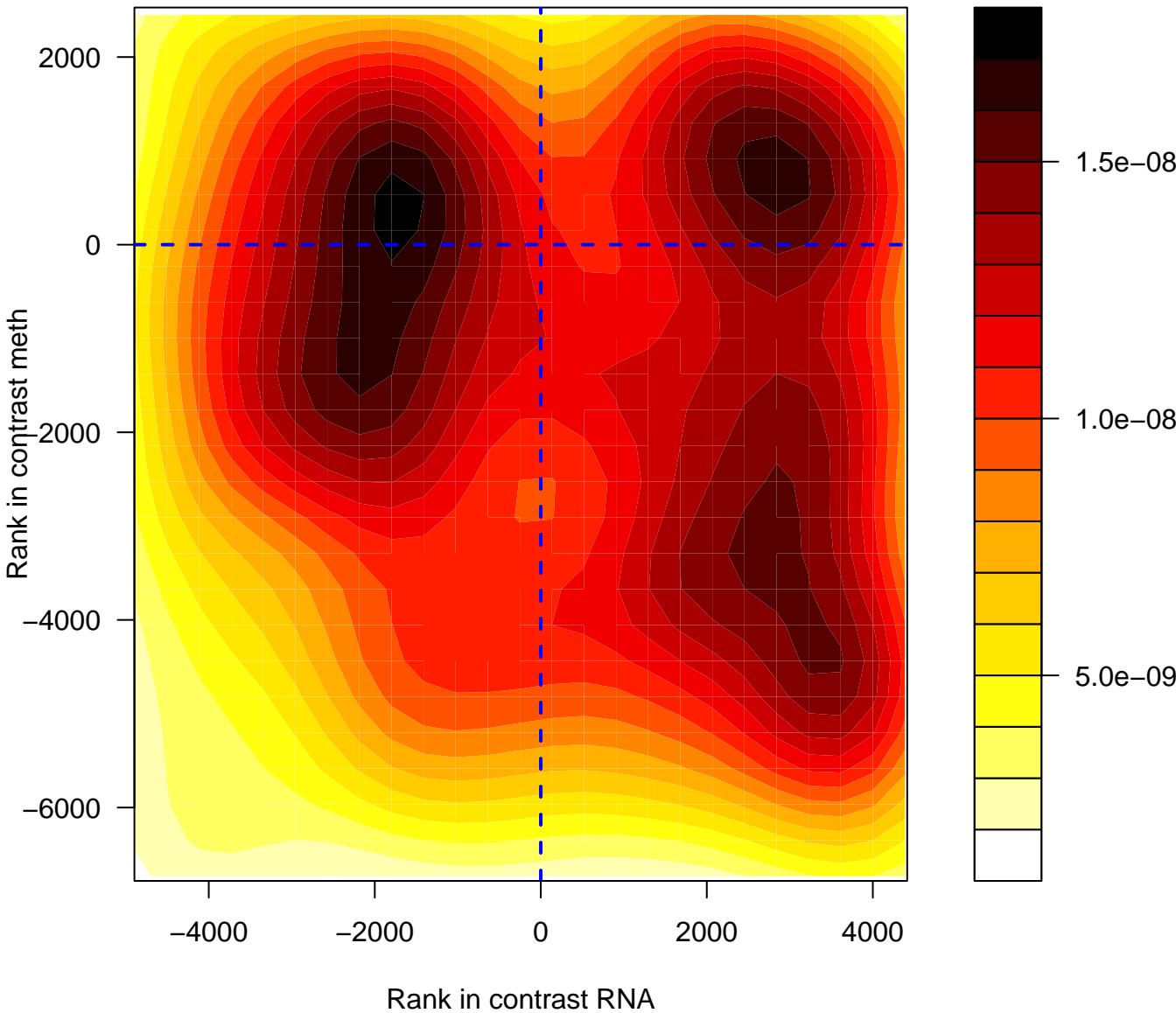
Influenza Viral RNA Transcription and Replication



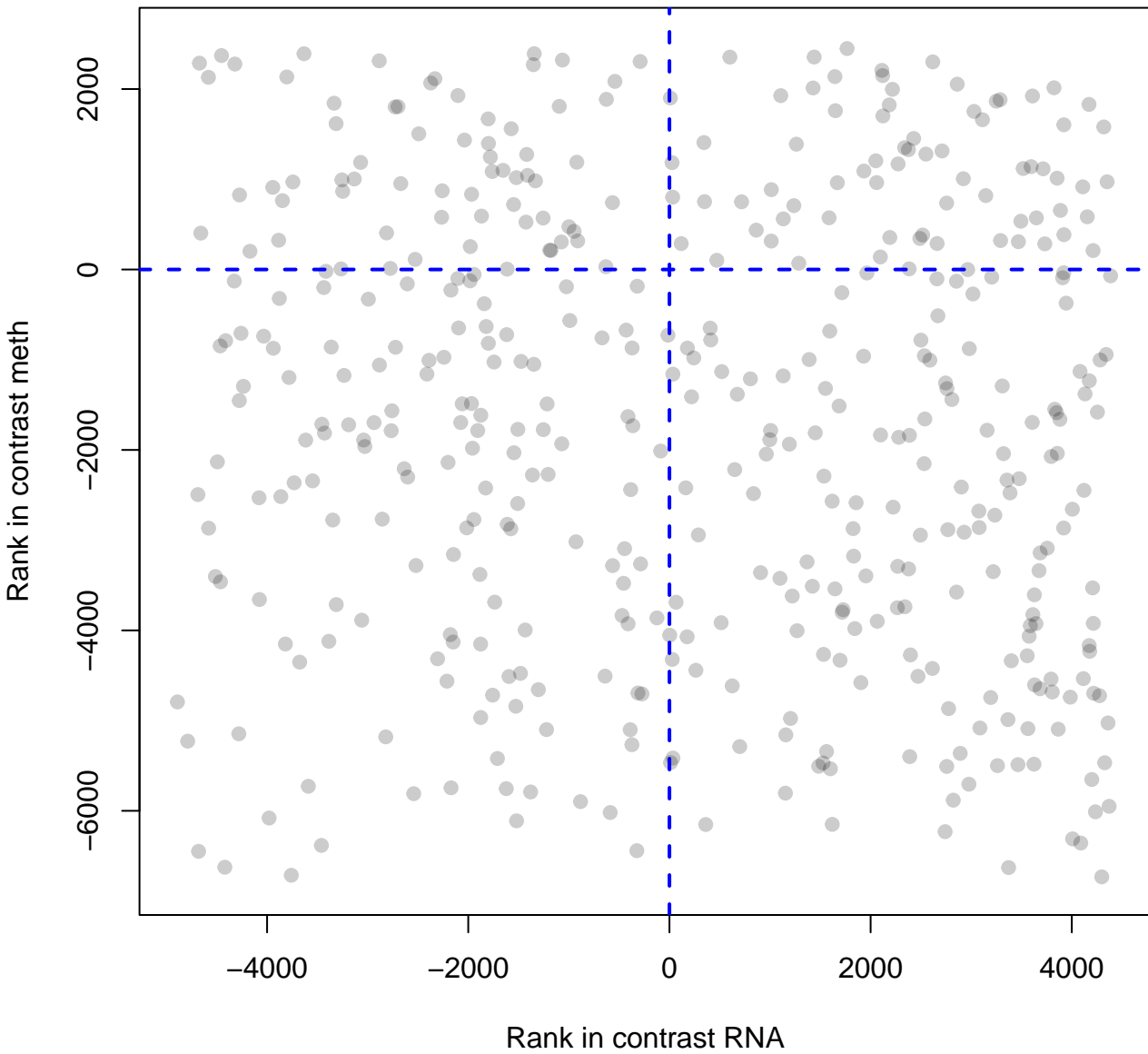
Influenza Viral RNA Transcription and Replication



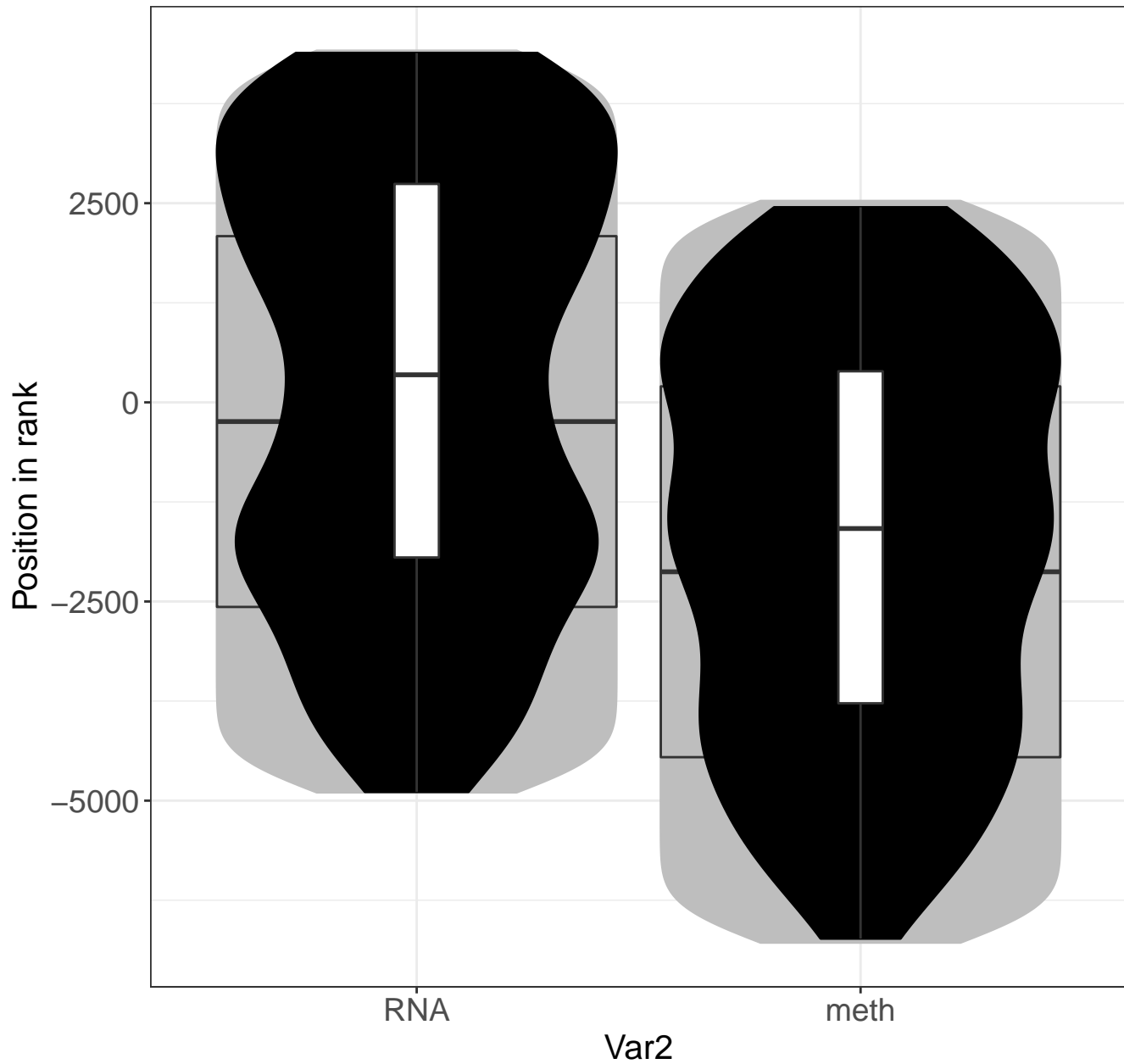
Cellular responses to stress



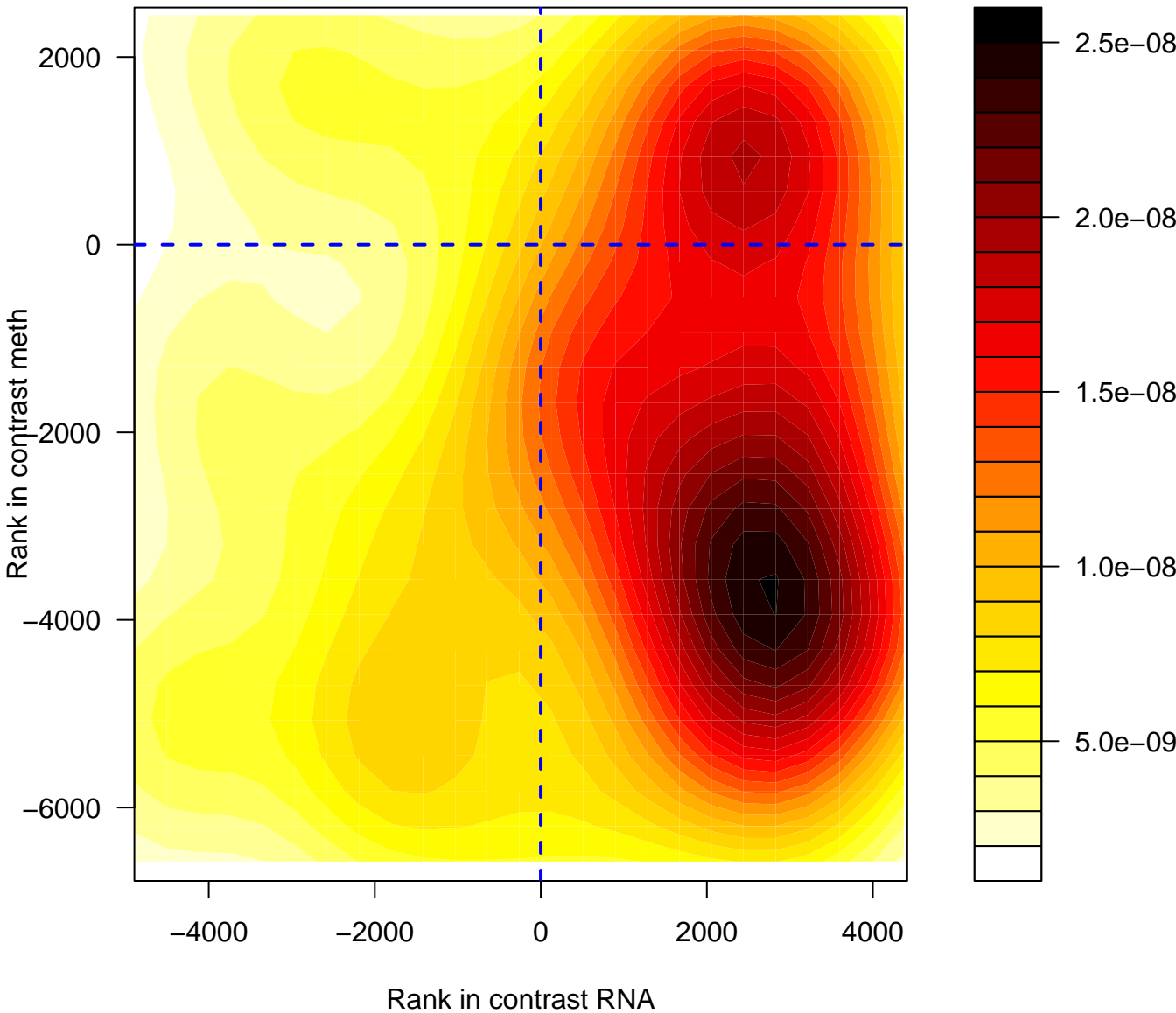
Cellular responses to stress



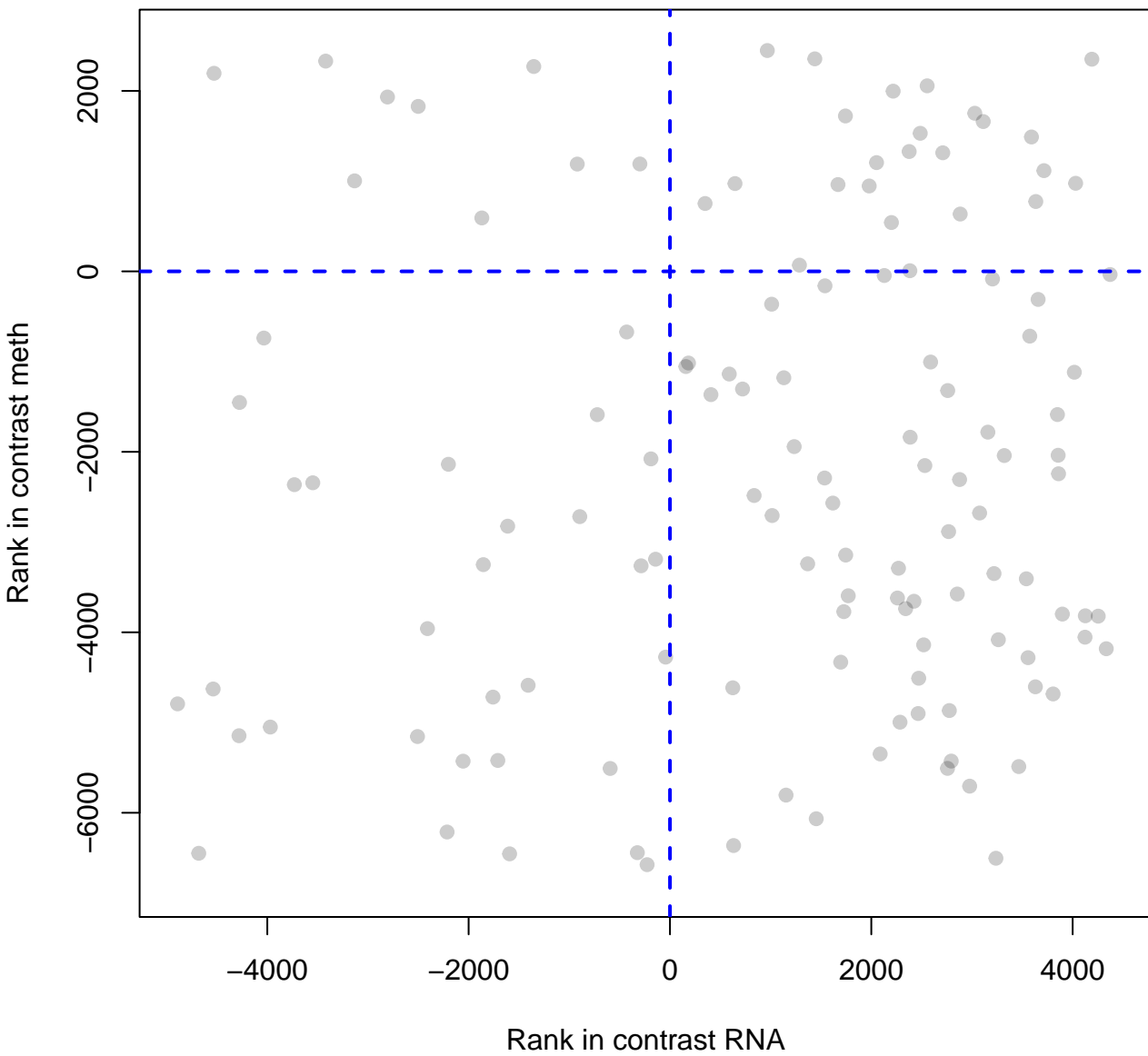
Cellular responses to stress



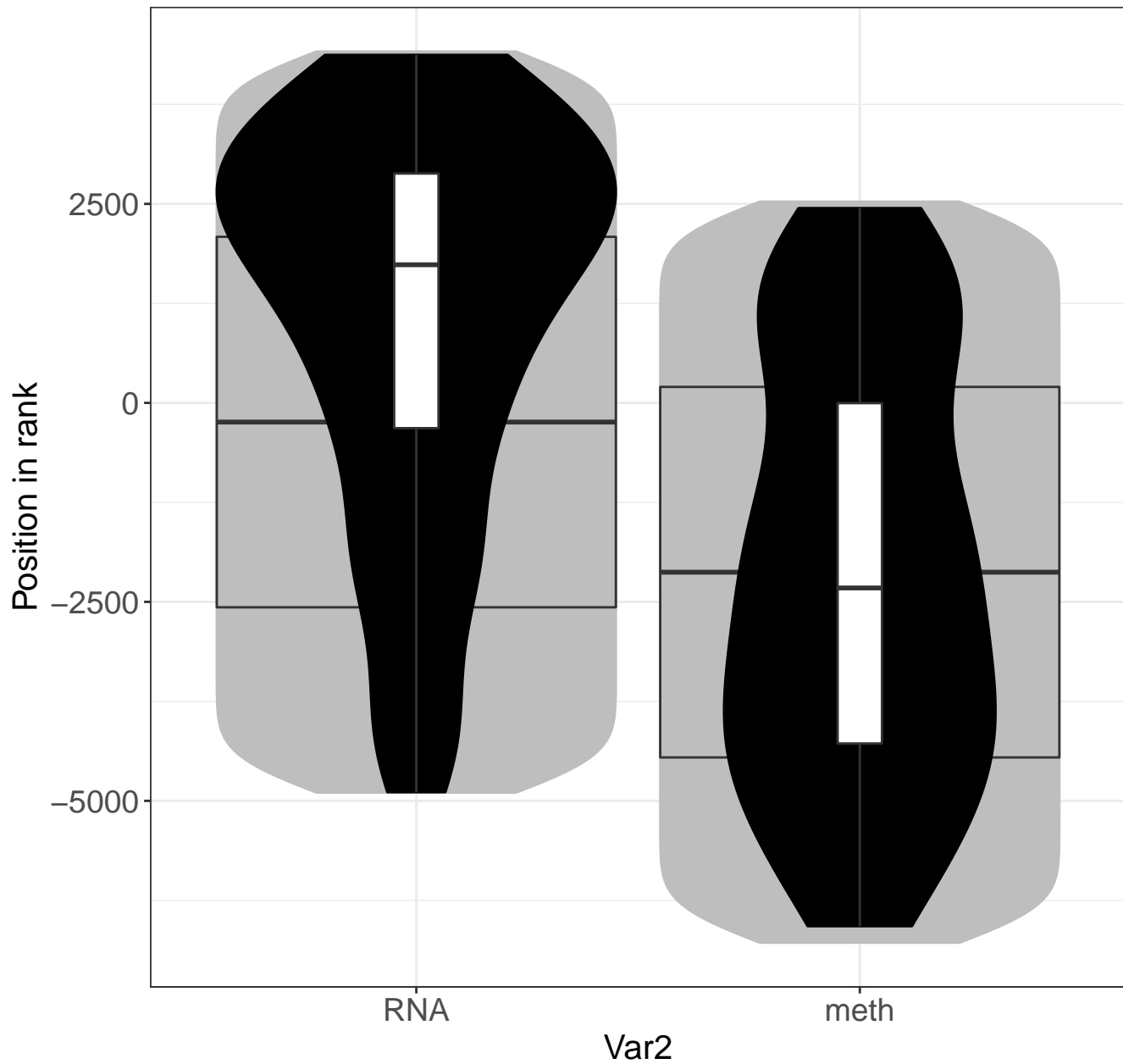
Signaling by NOTCH



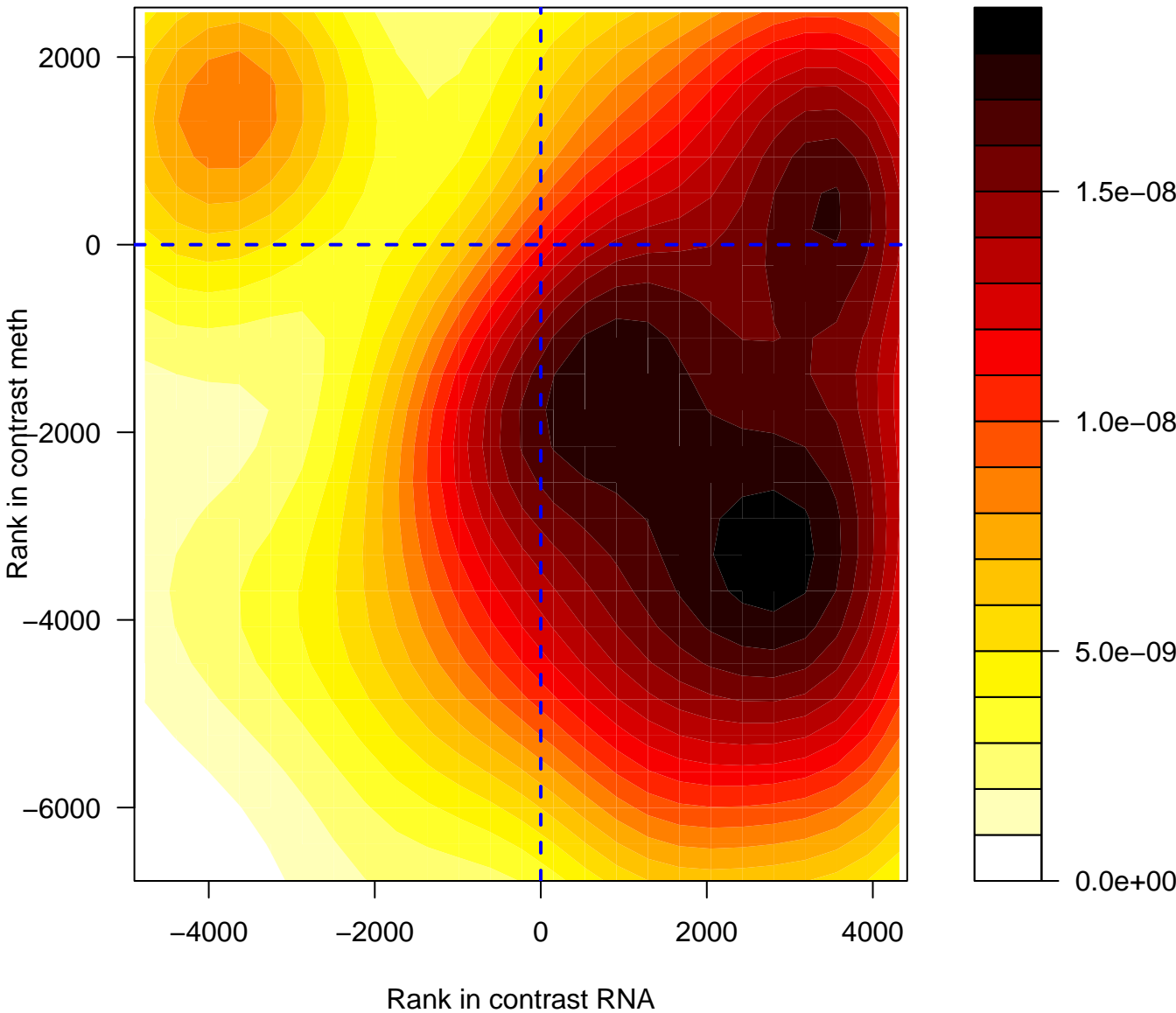
Signaling by NOTCH



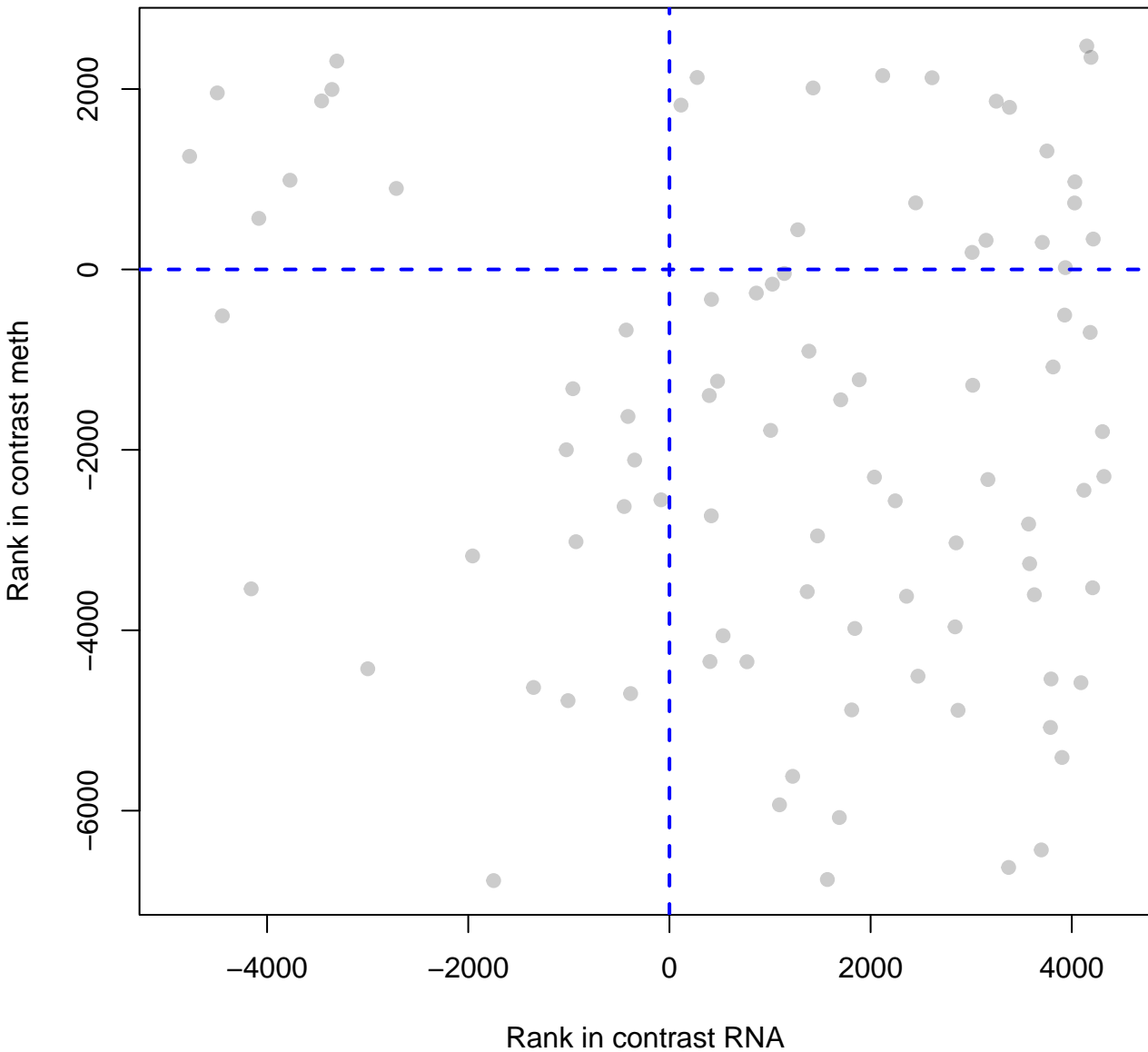
Signaling by NOTCH



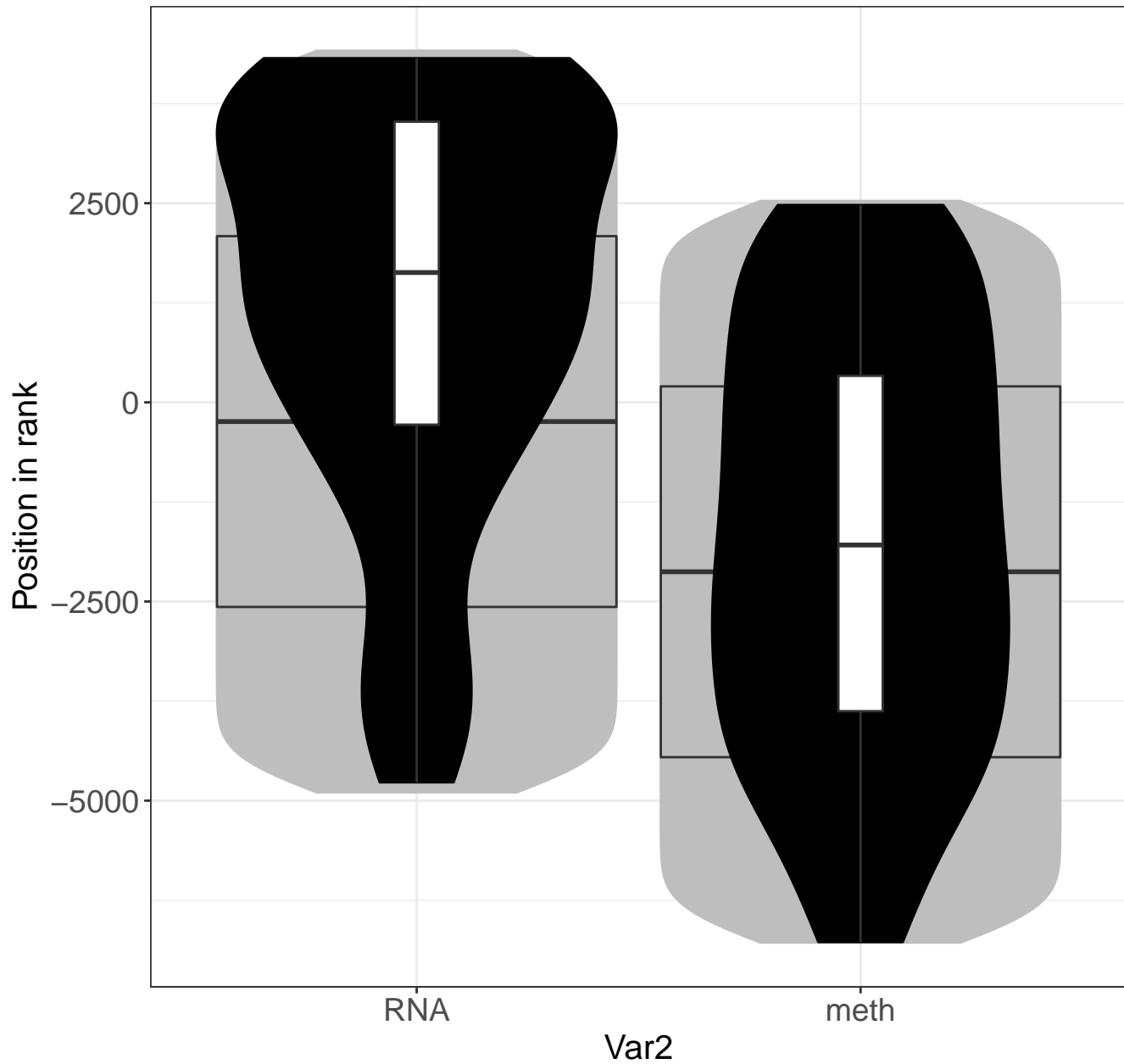
Signaling by NTRKs



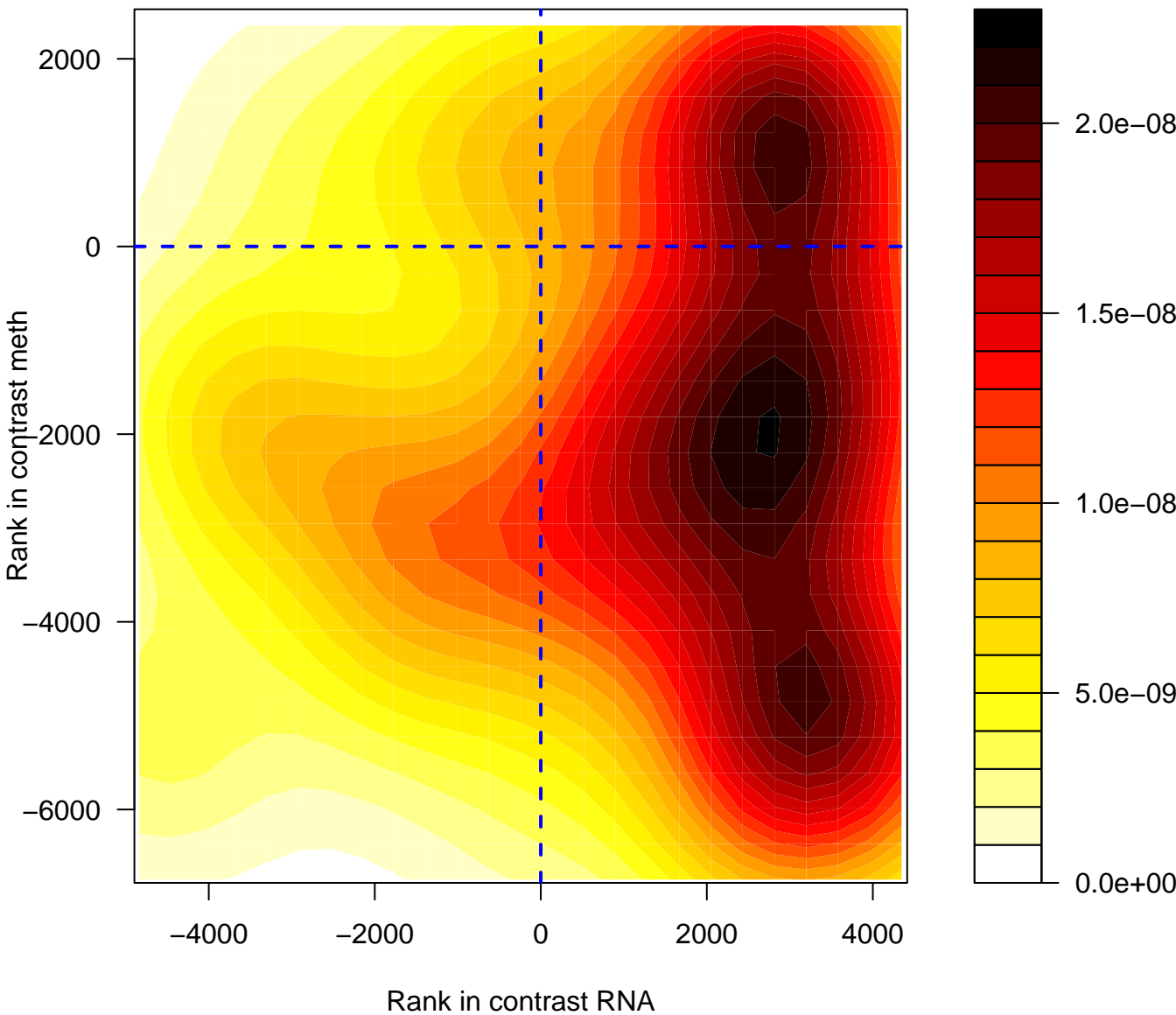
Signaling by NTRKs



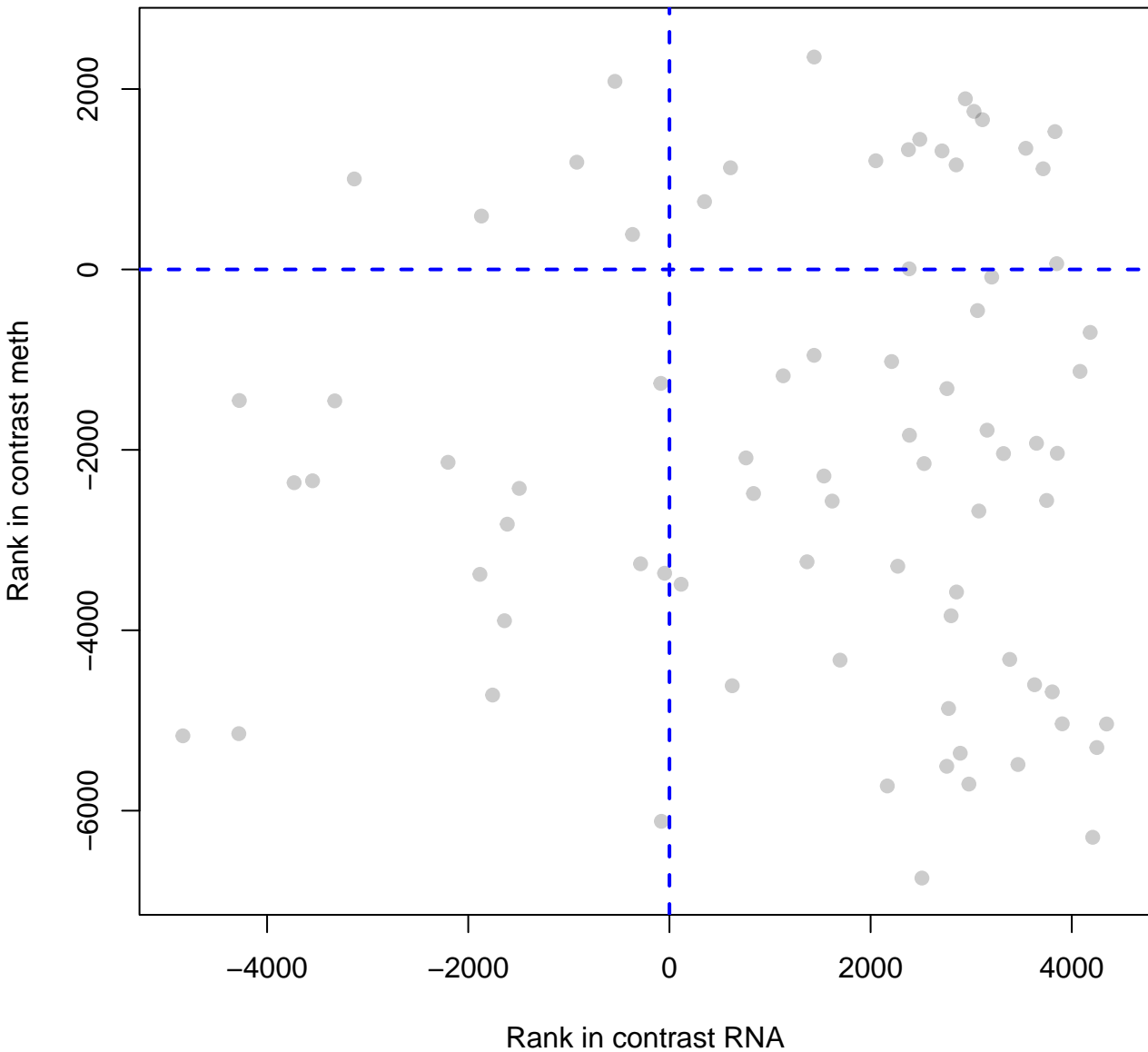
Signaling by NTRKs



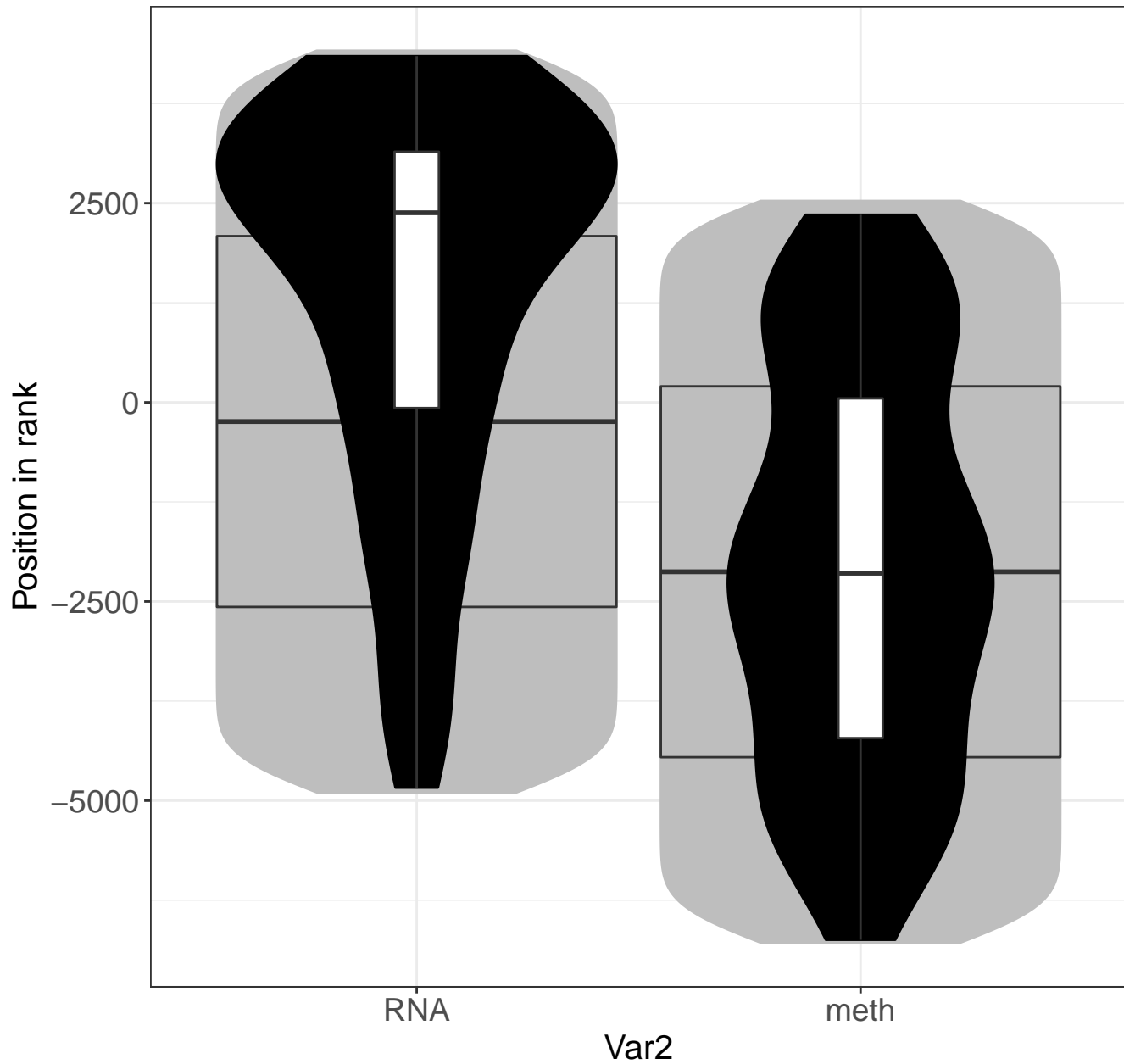
Interleukin-1 signaling



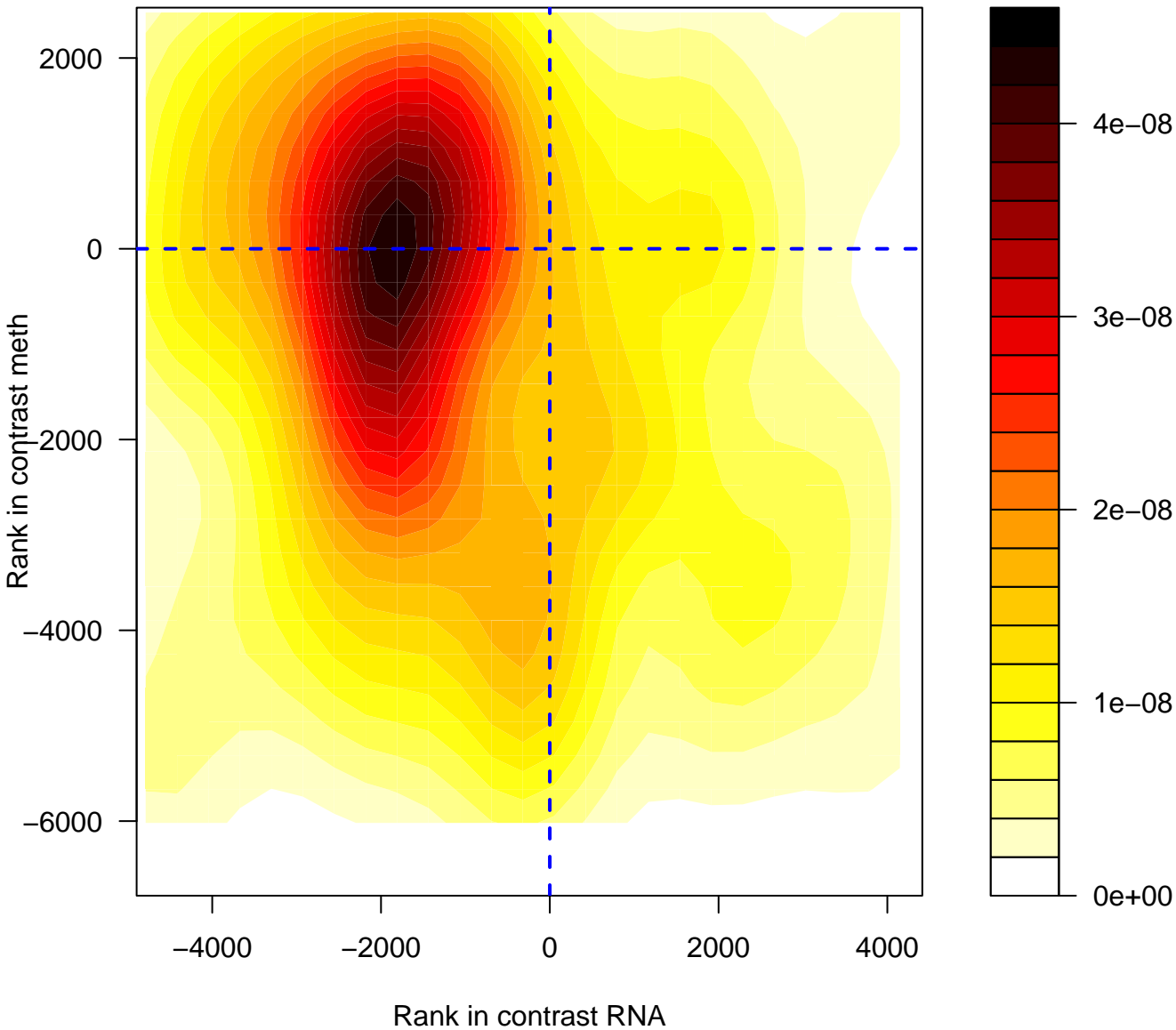
Interleukin-1 signaling



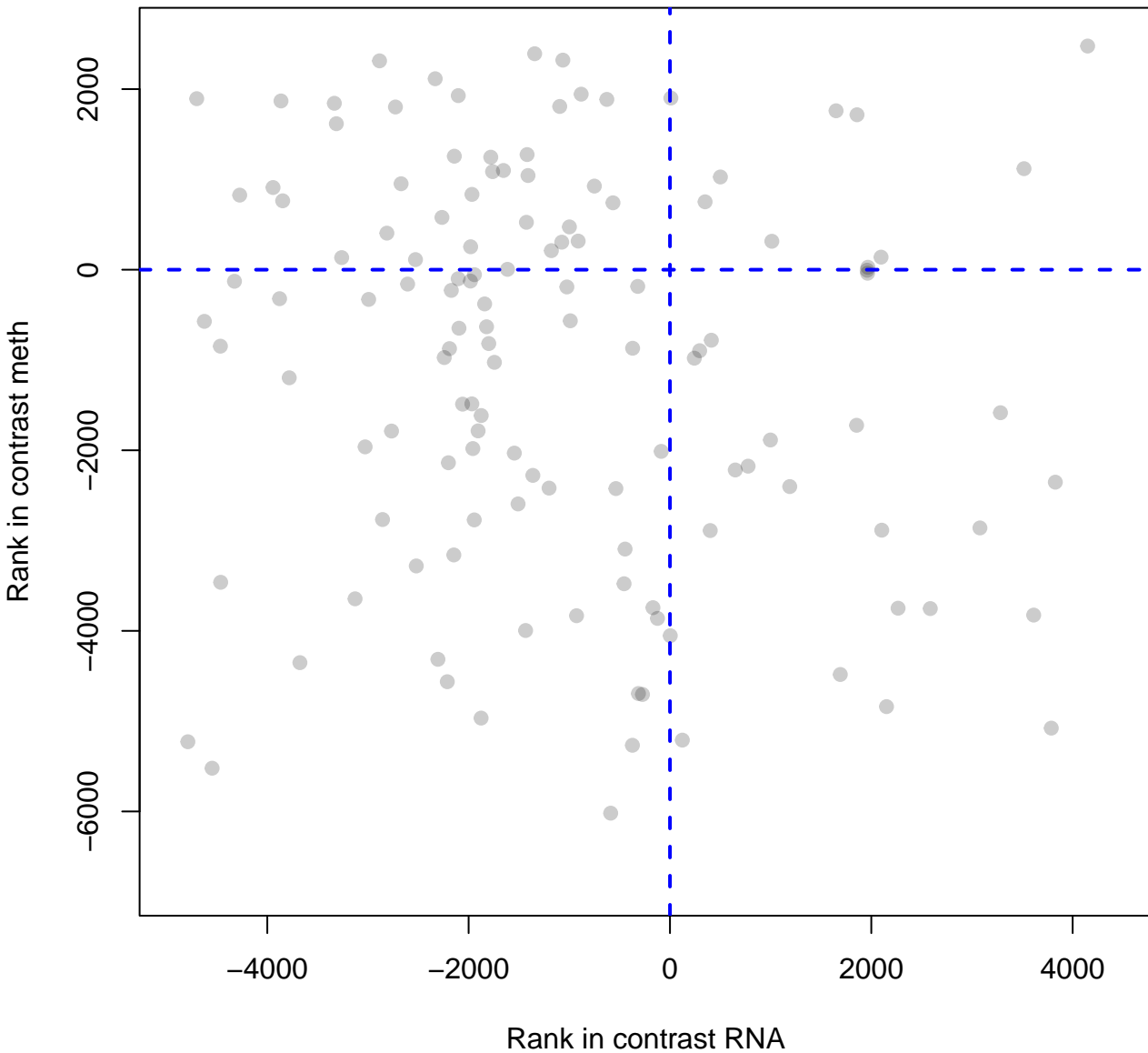
Interleukin-1 signaling



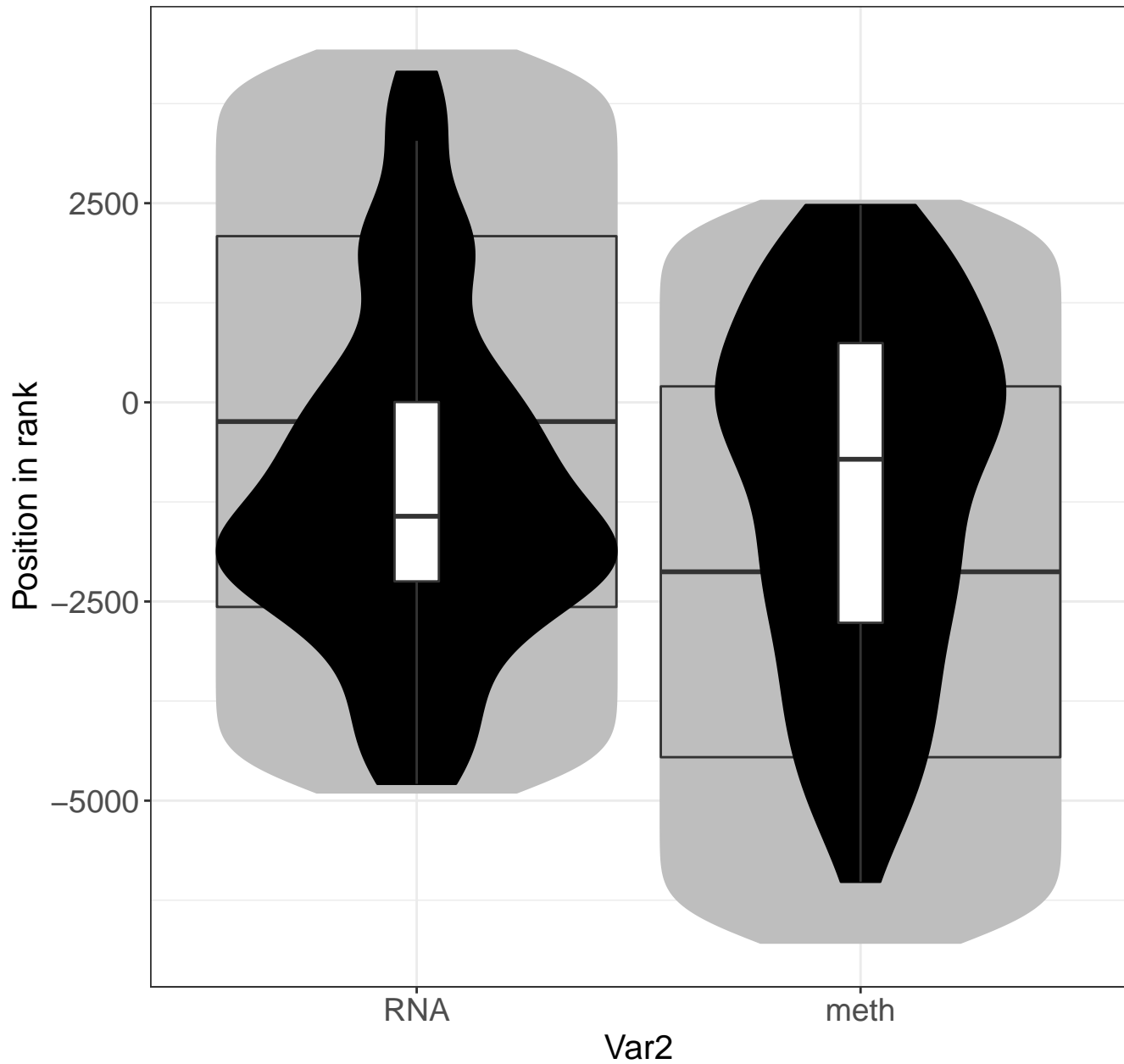
Influenza Infection



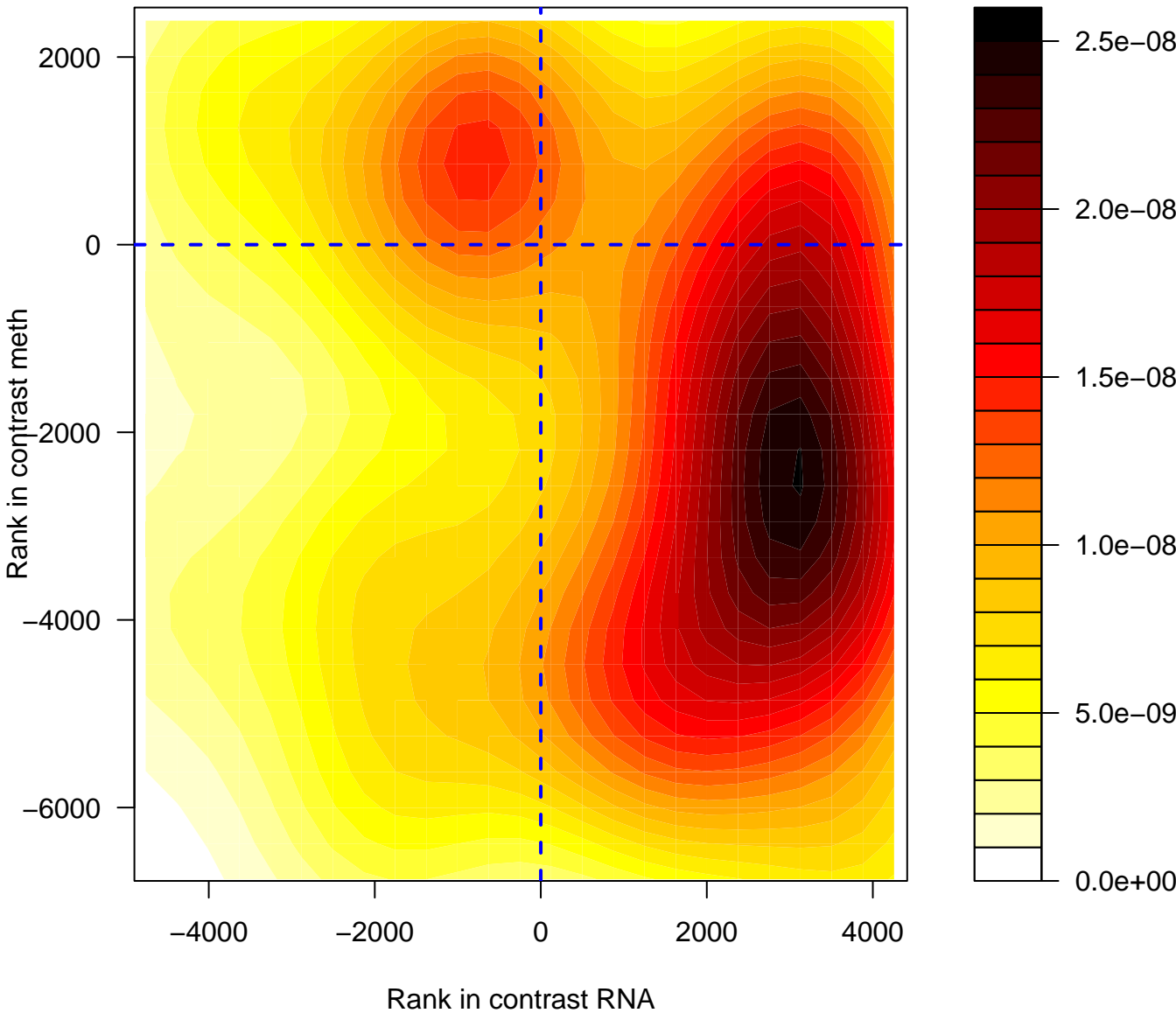
Influenza Infection



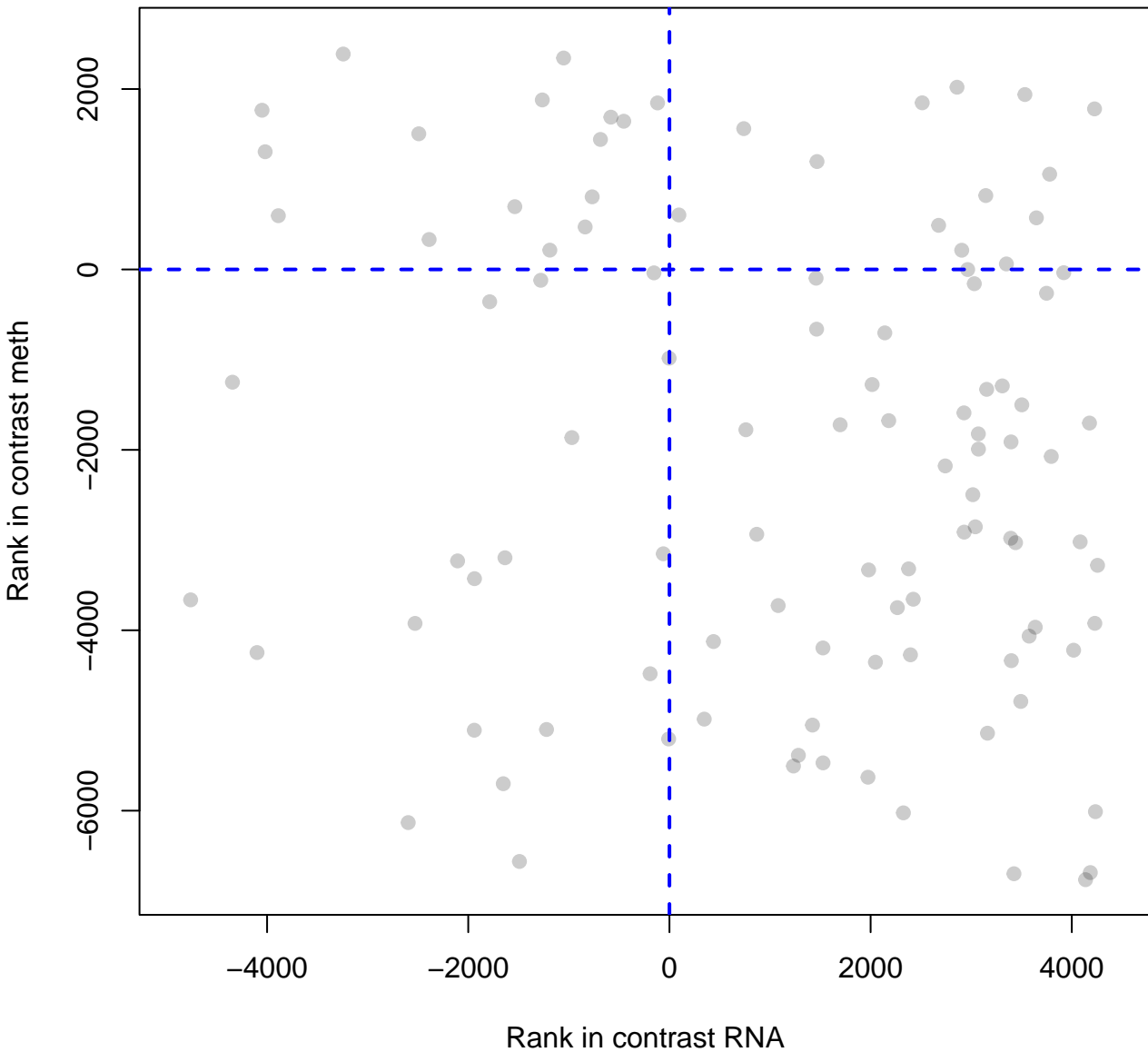
Influenza Infection



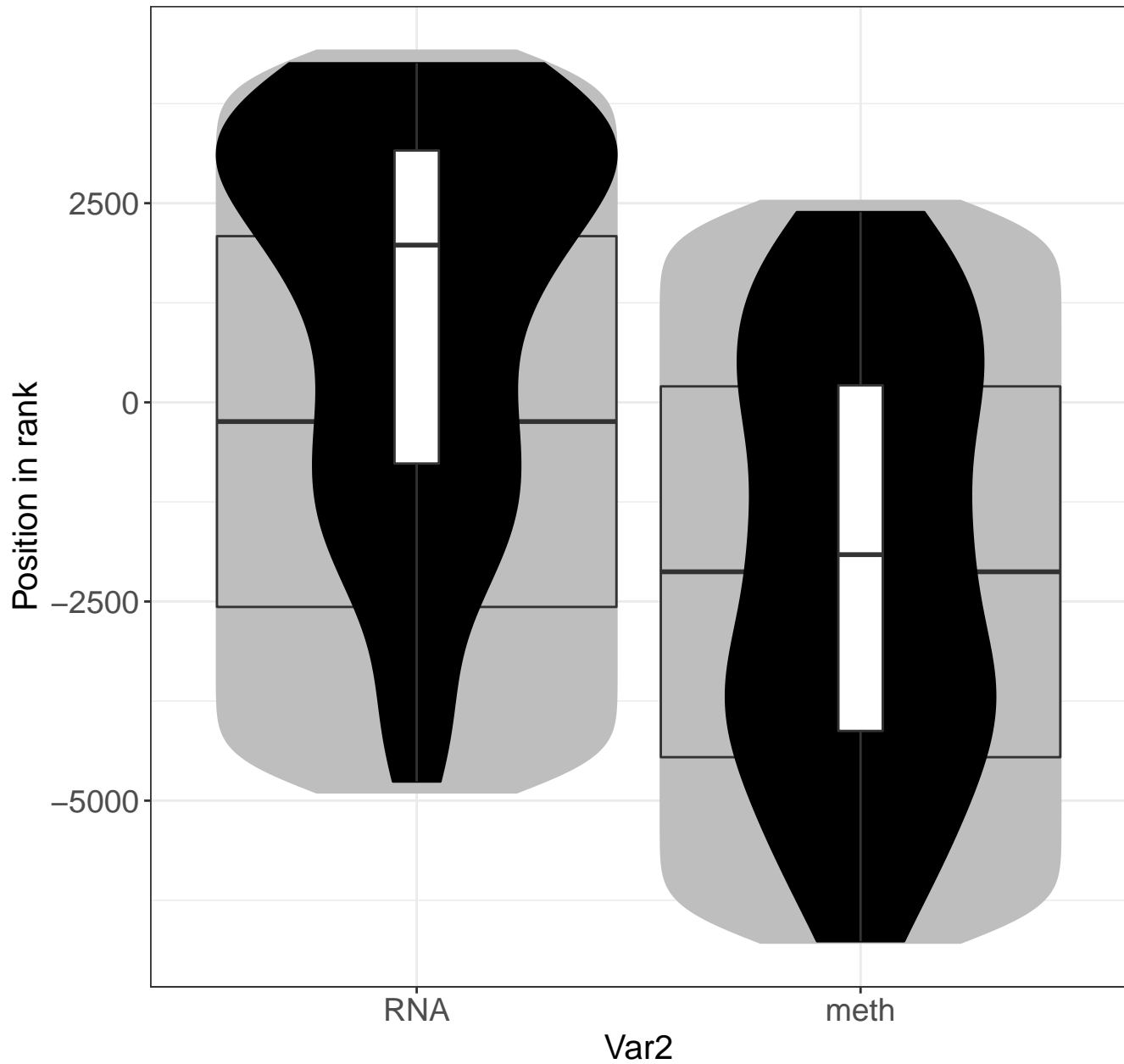
ER to Golgi Anterograde Transport



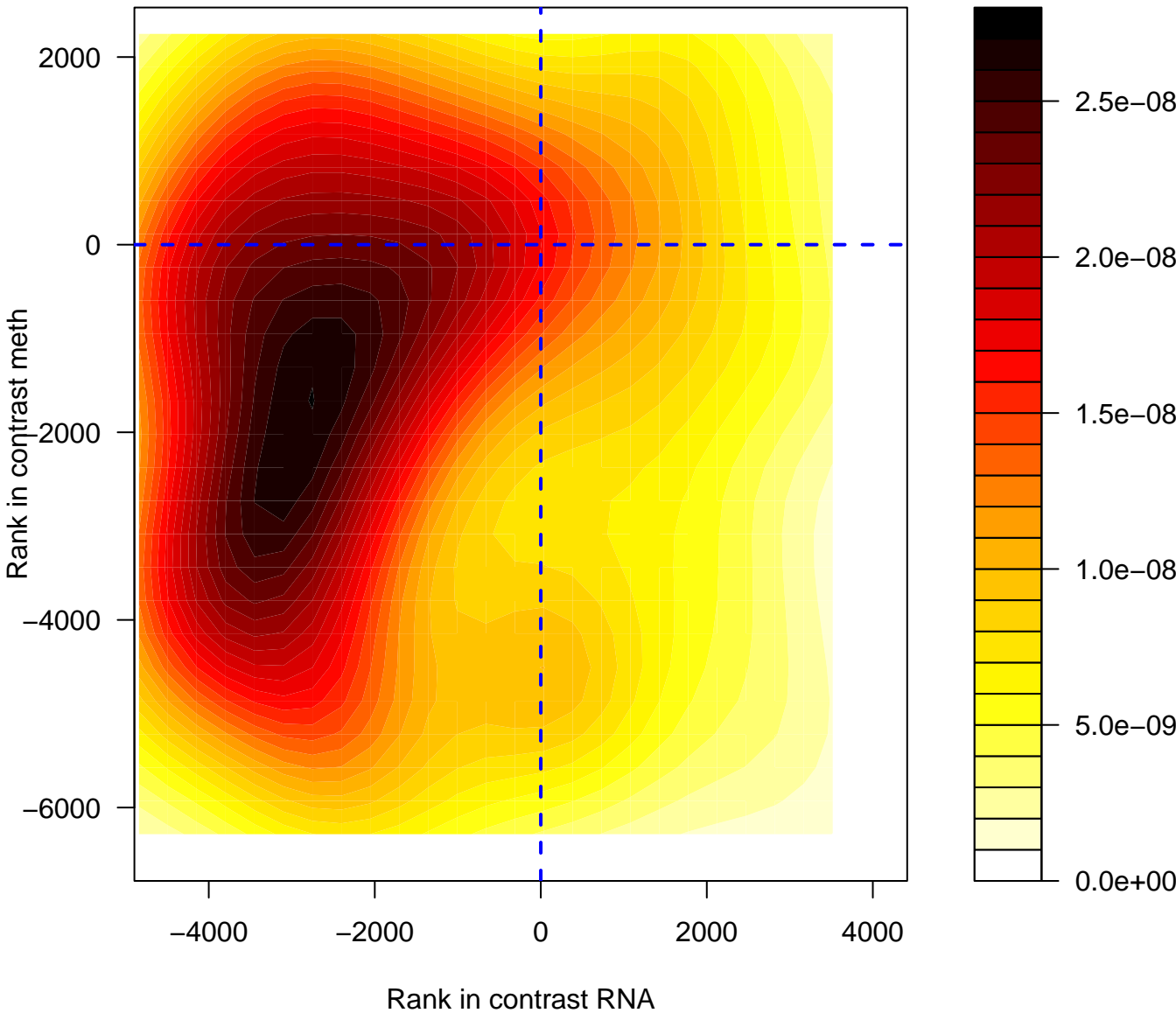
ER to Golgi Anterograde Transport



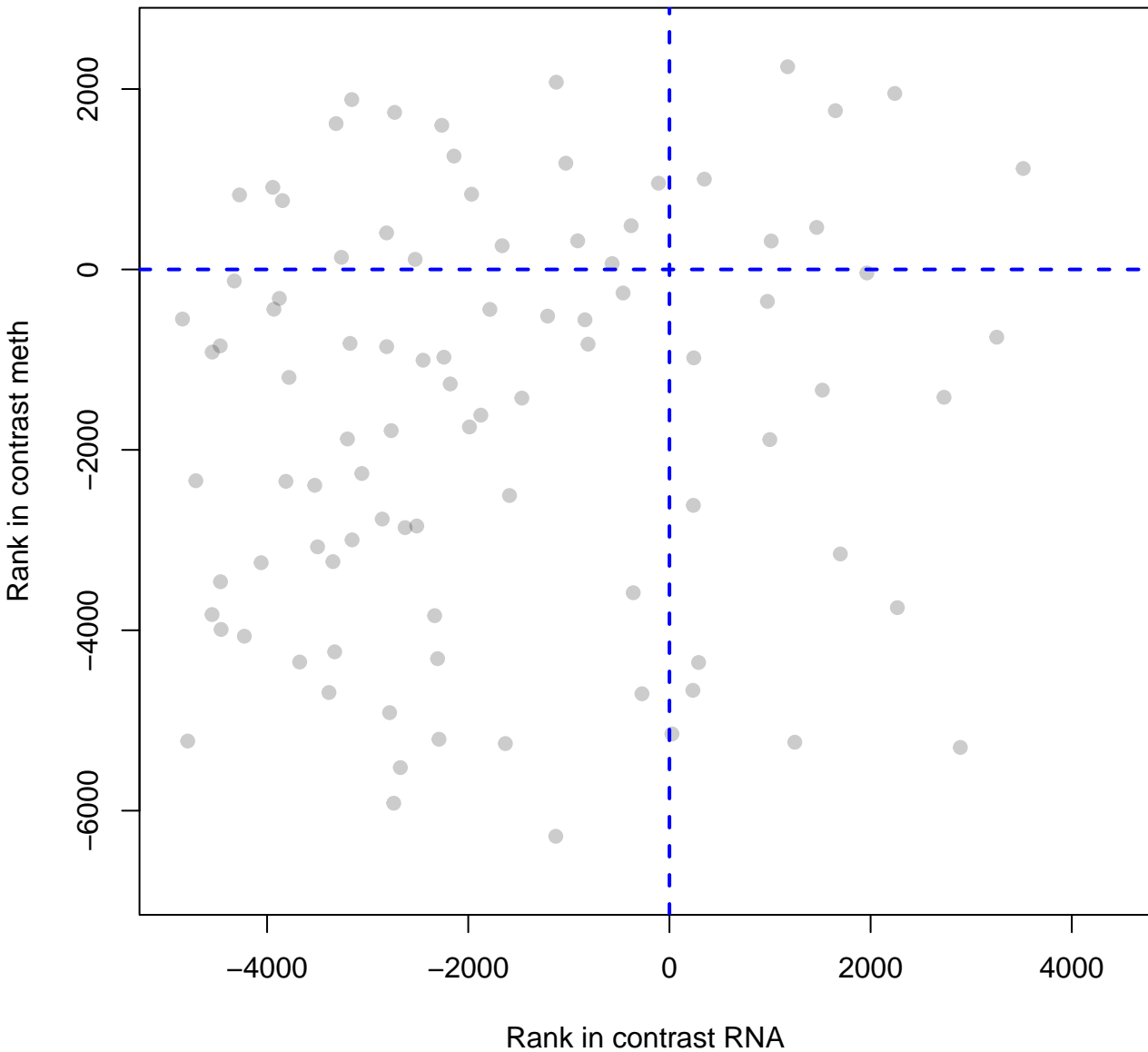
ER to Golgi Anterograde Transport



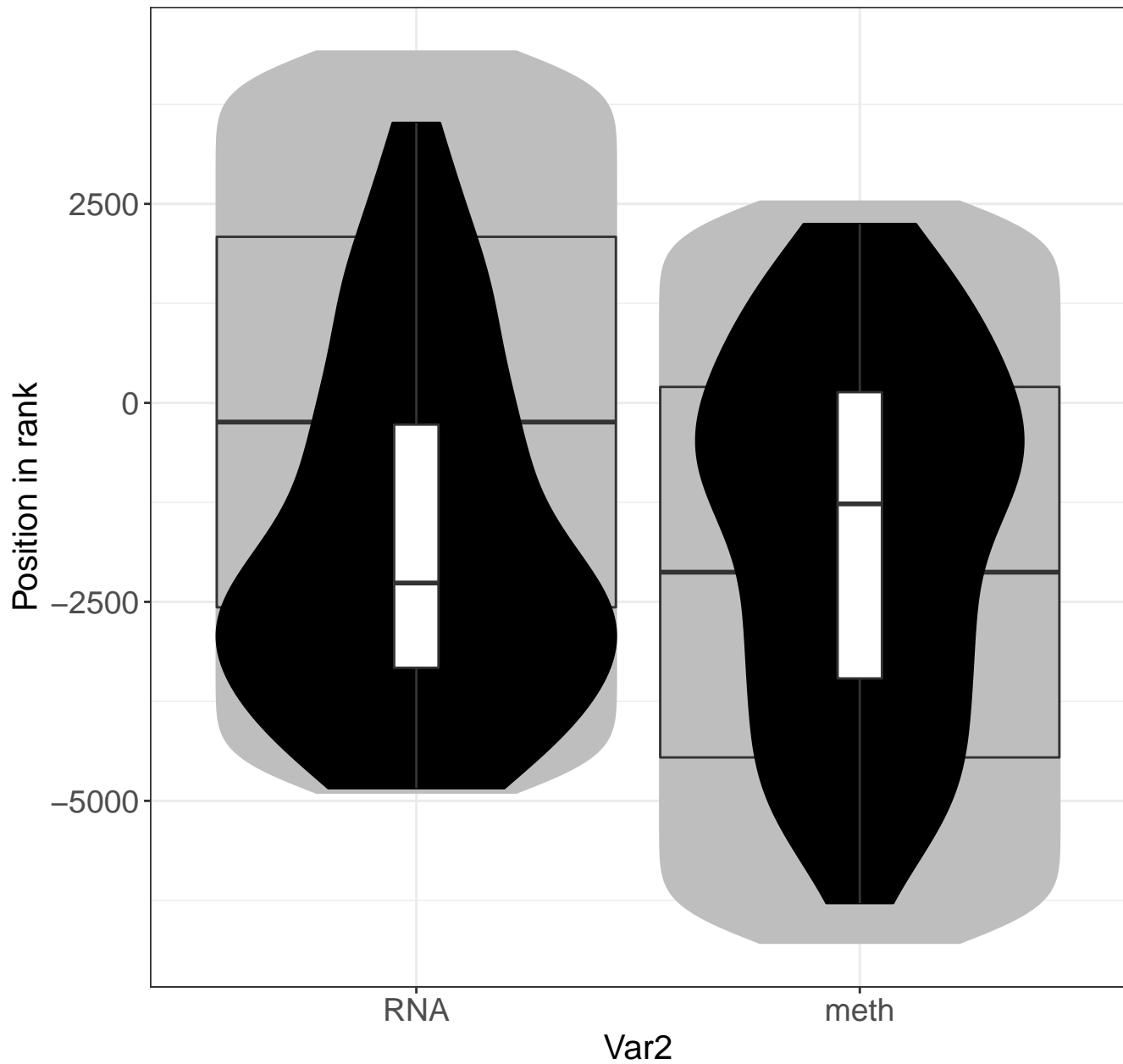
tRNA processing



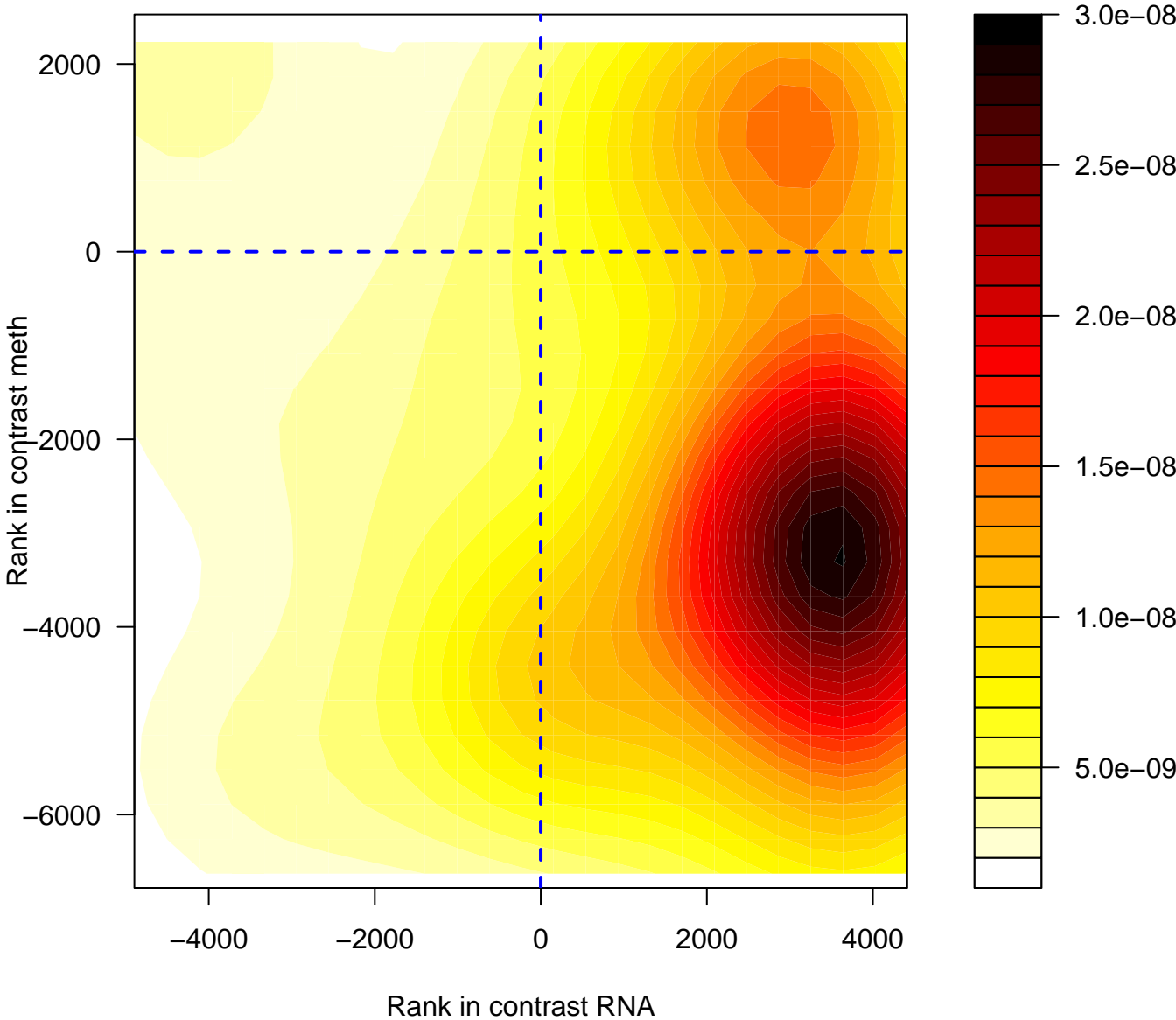
tRNA processing



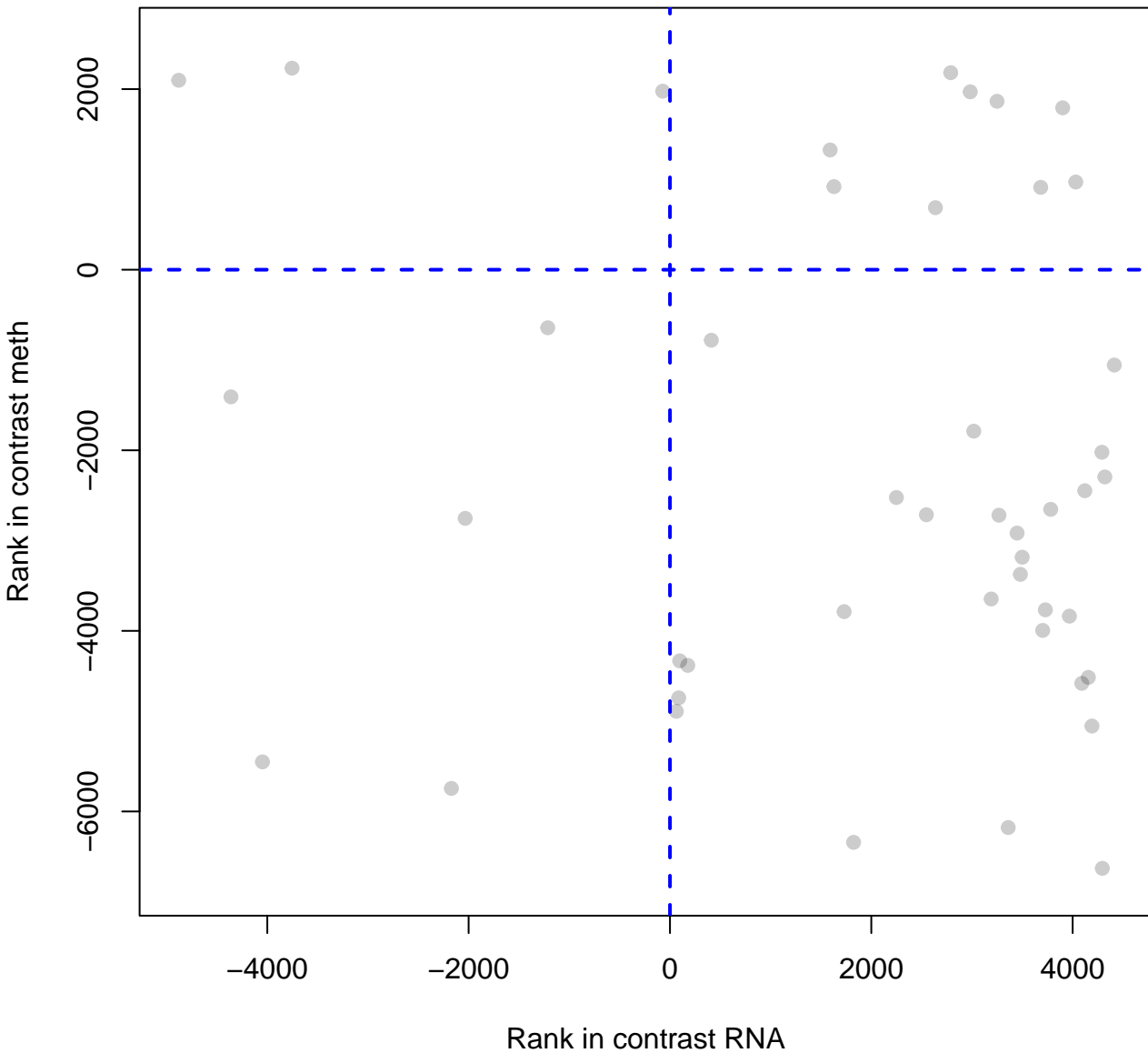
tRNA processing



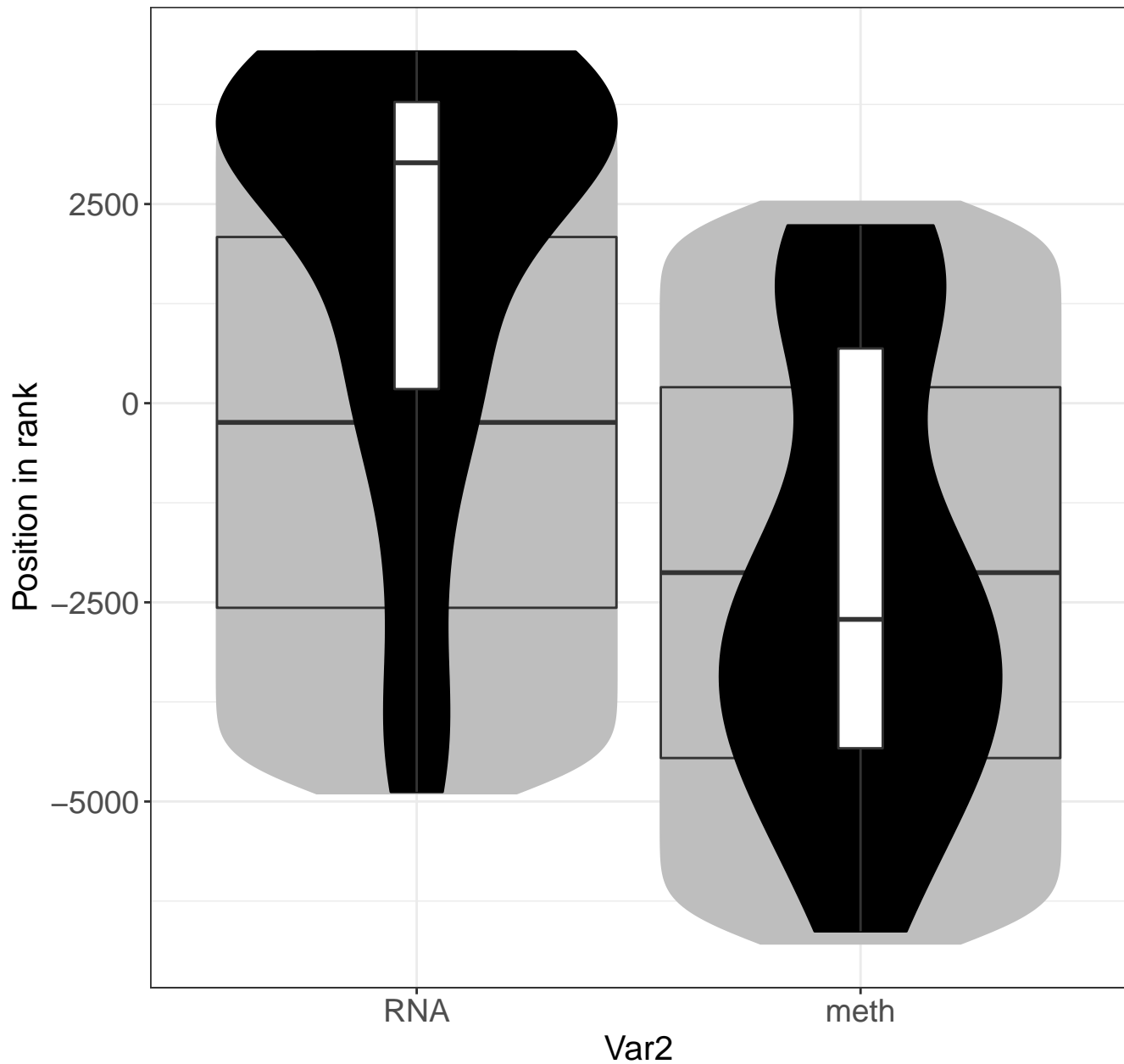
Regulation of actin dynamics for phagocytic cup formation



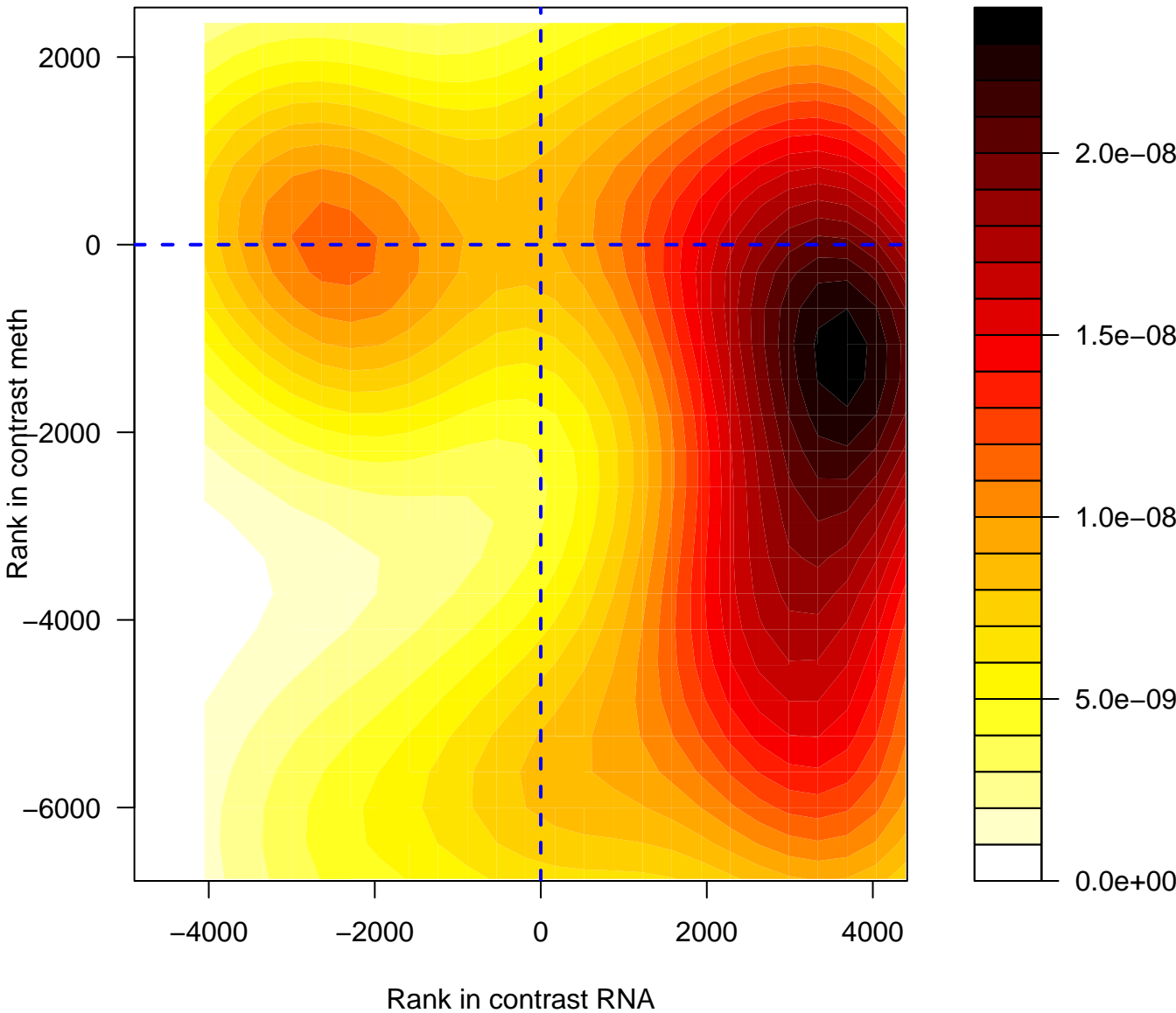
Regulation of actin dynamics for phagocytic cup formation



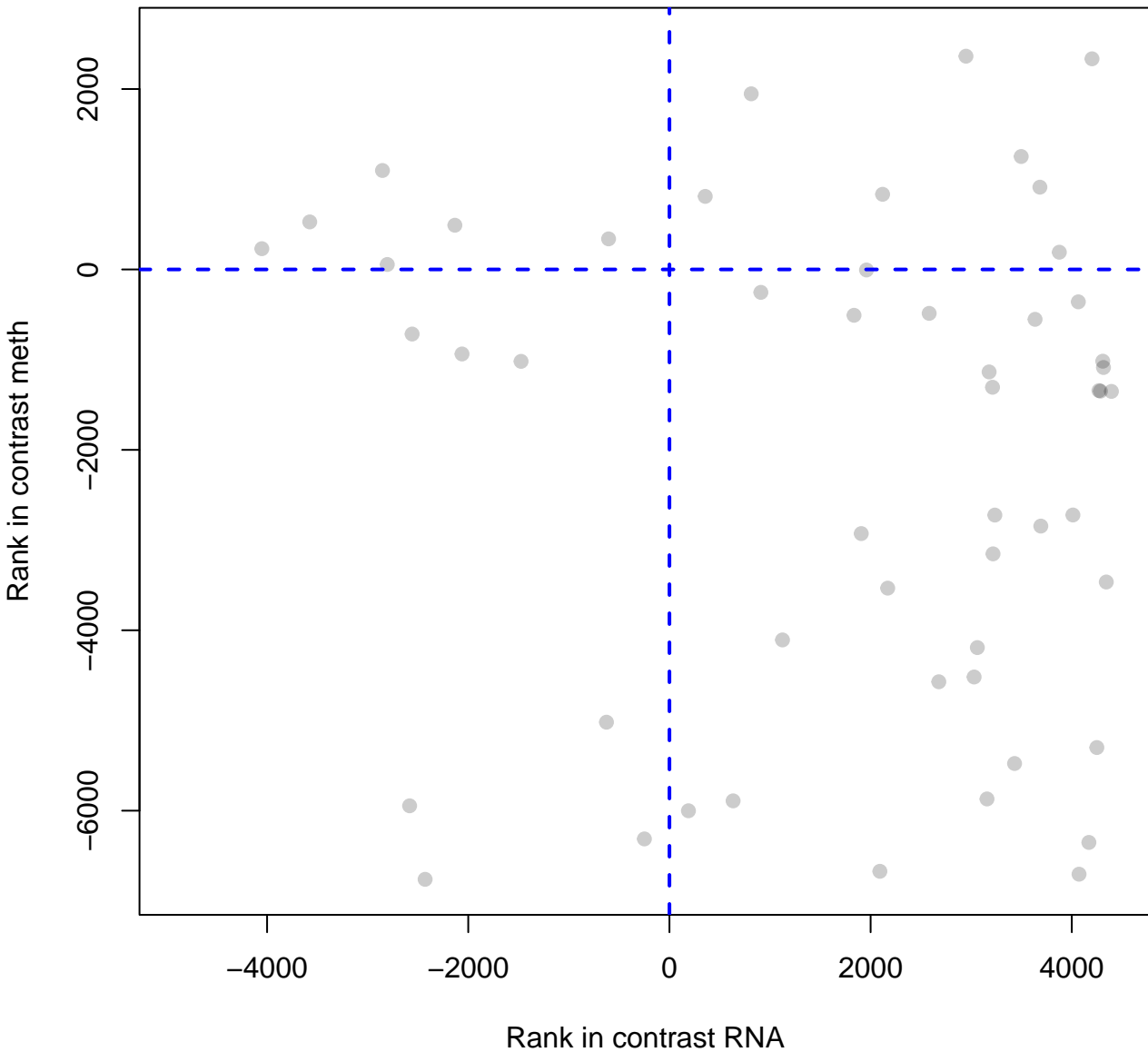
Regulation of actin dynamics for phagocytic cup formation



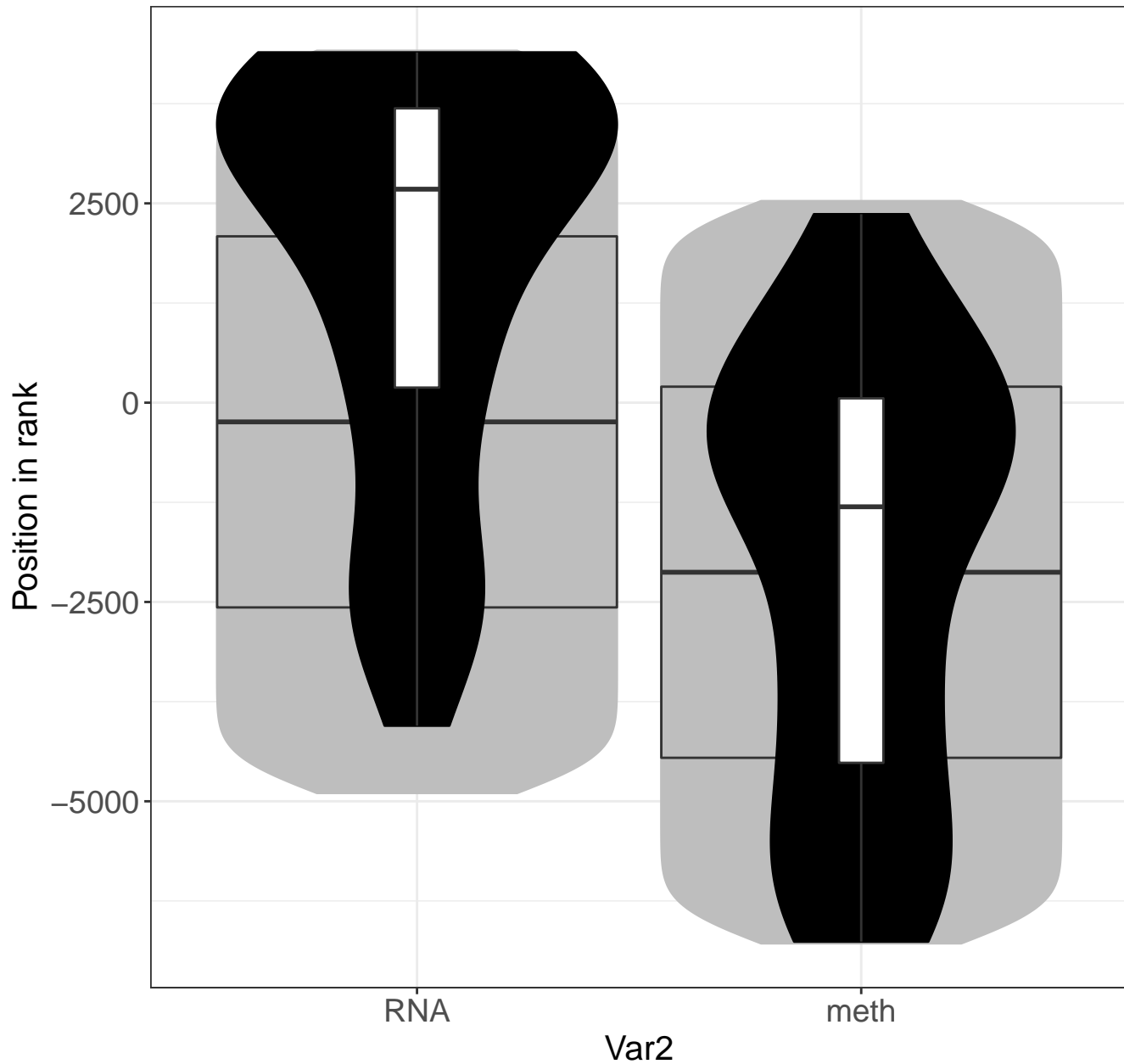
Response to elevated platelet cytosolic Ca²⁺



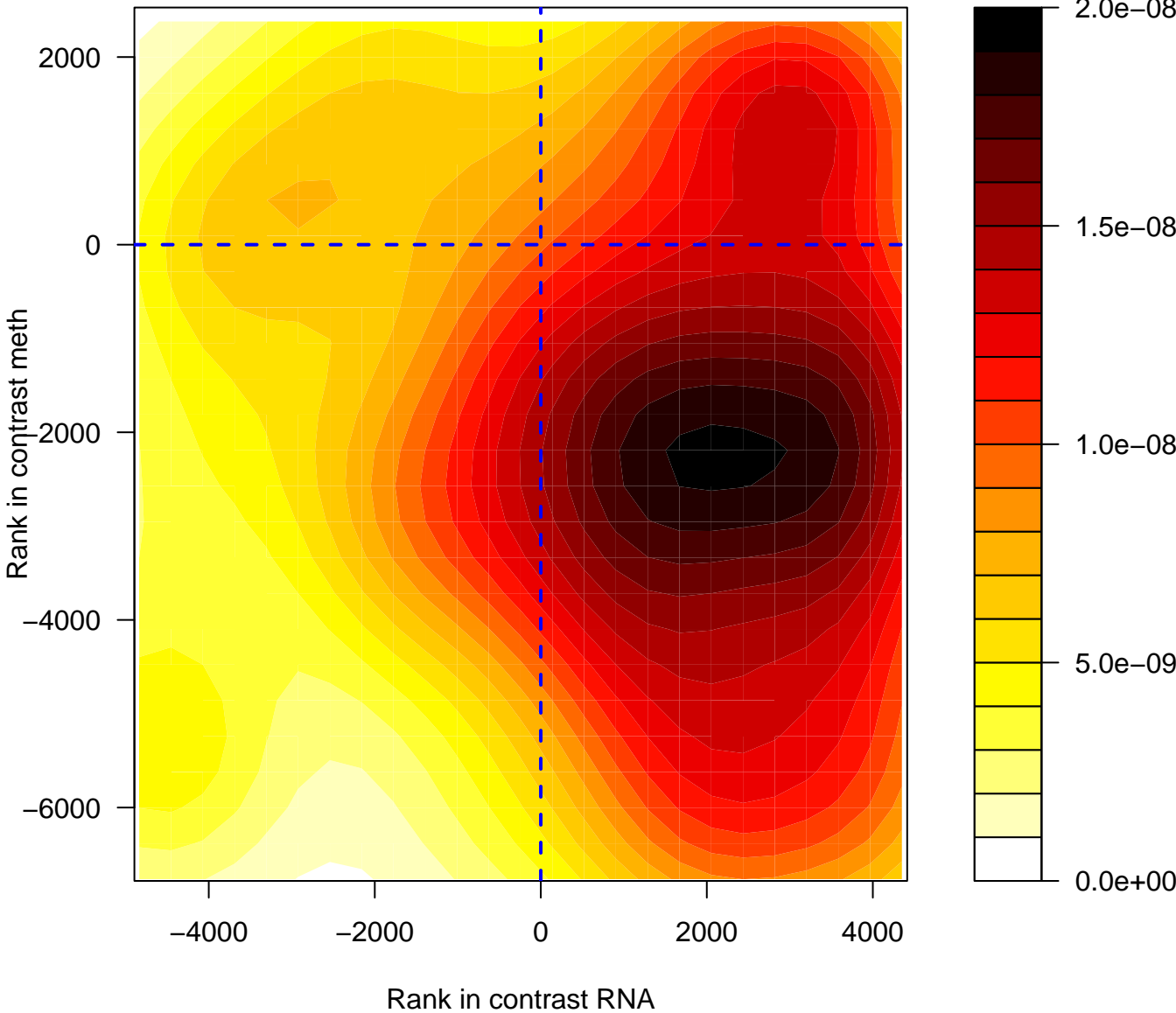
Response to elevated platelet cytosolic Ca²⁺



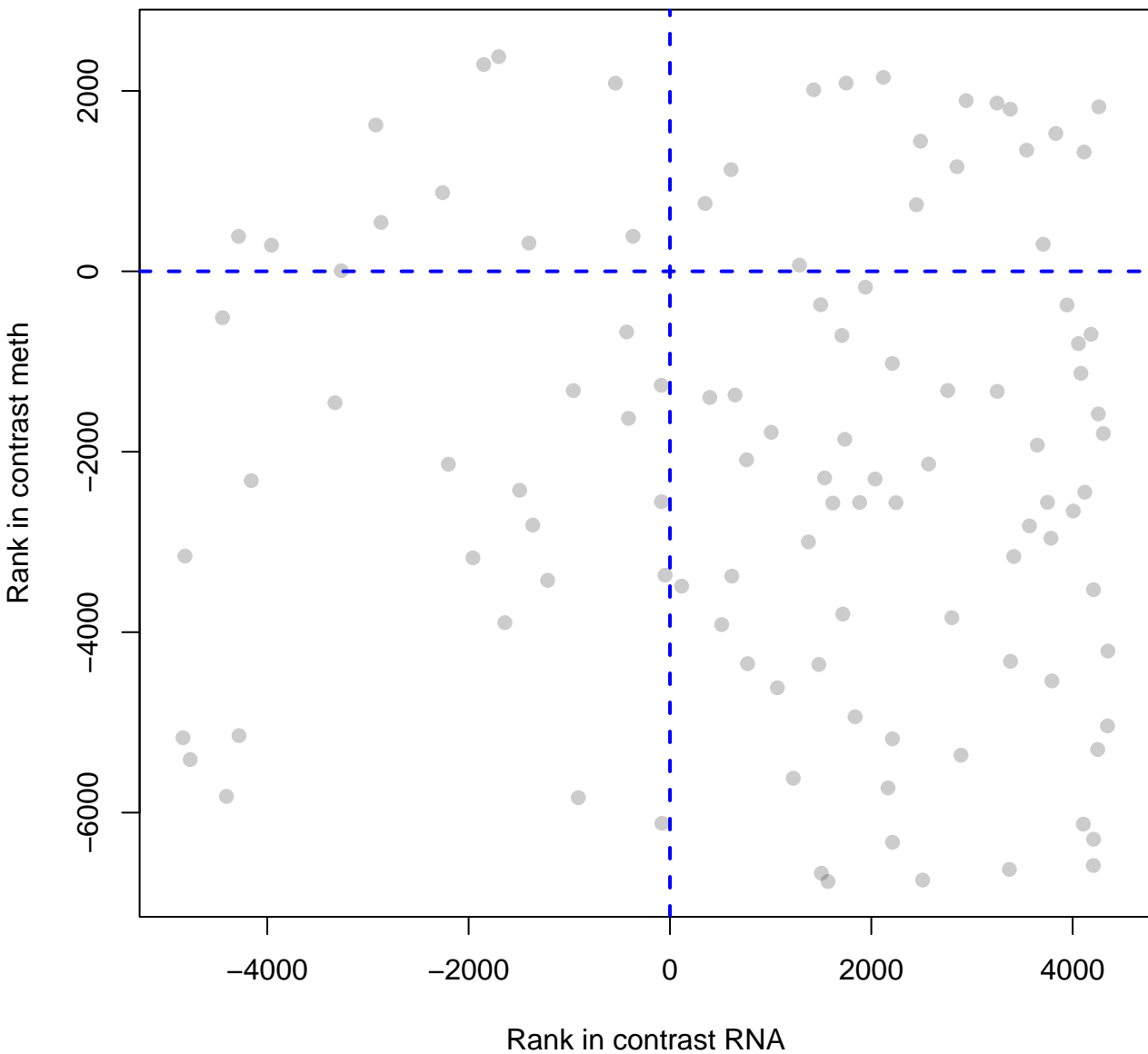
Response to elevated platelet cytosolic Ca²⁺



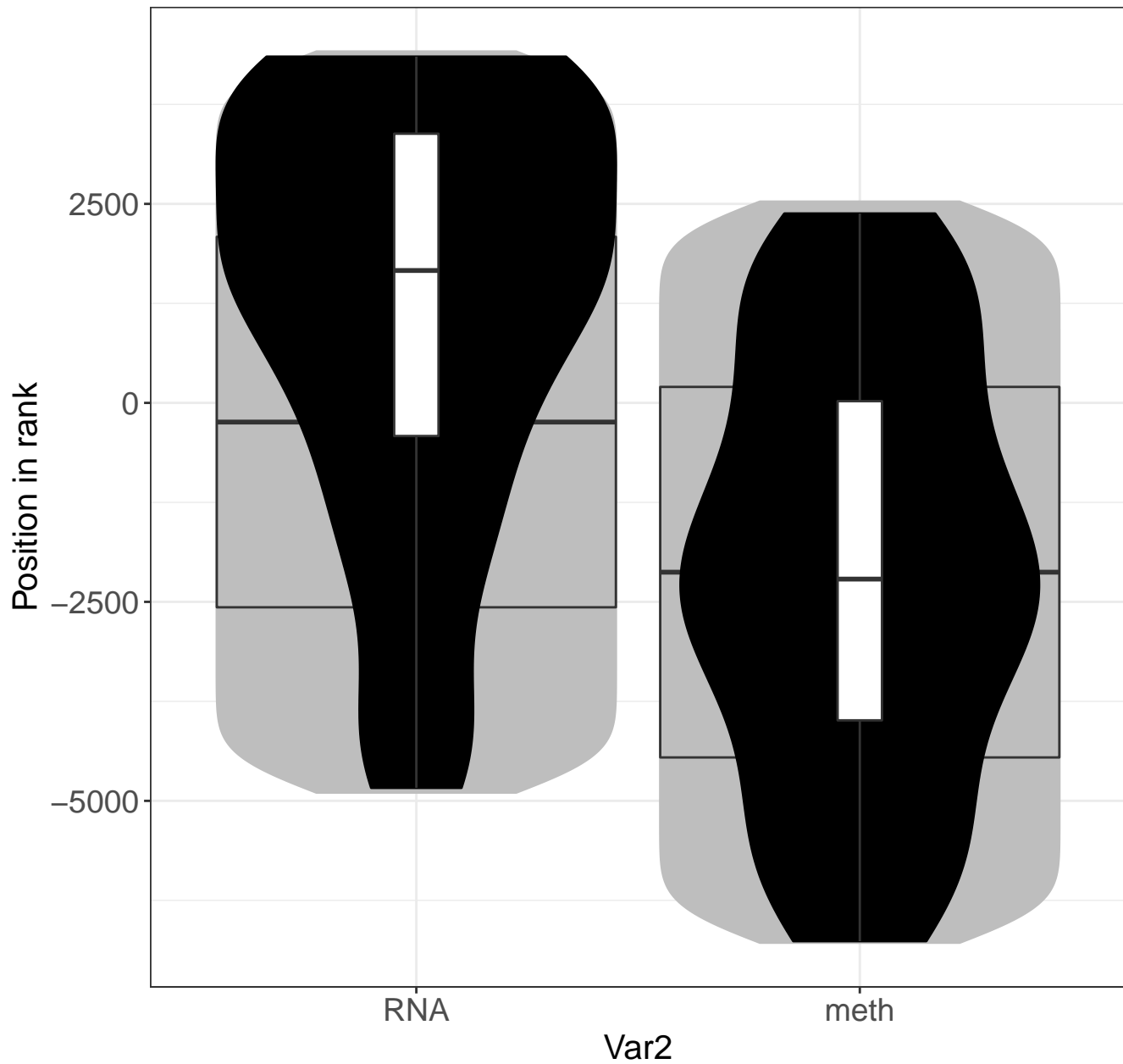
Toll-like Receptor Cascades



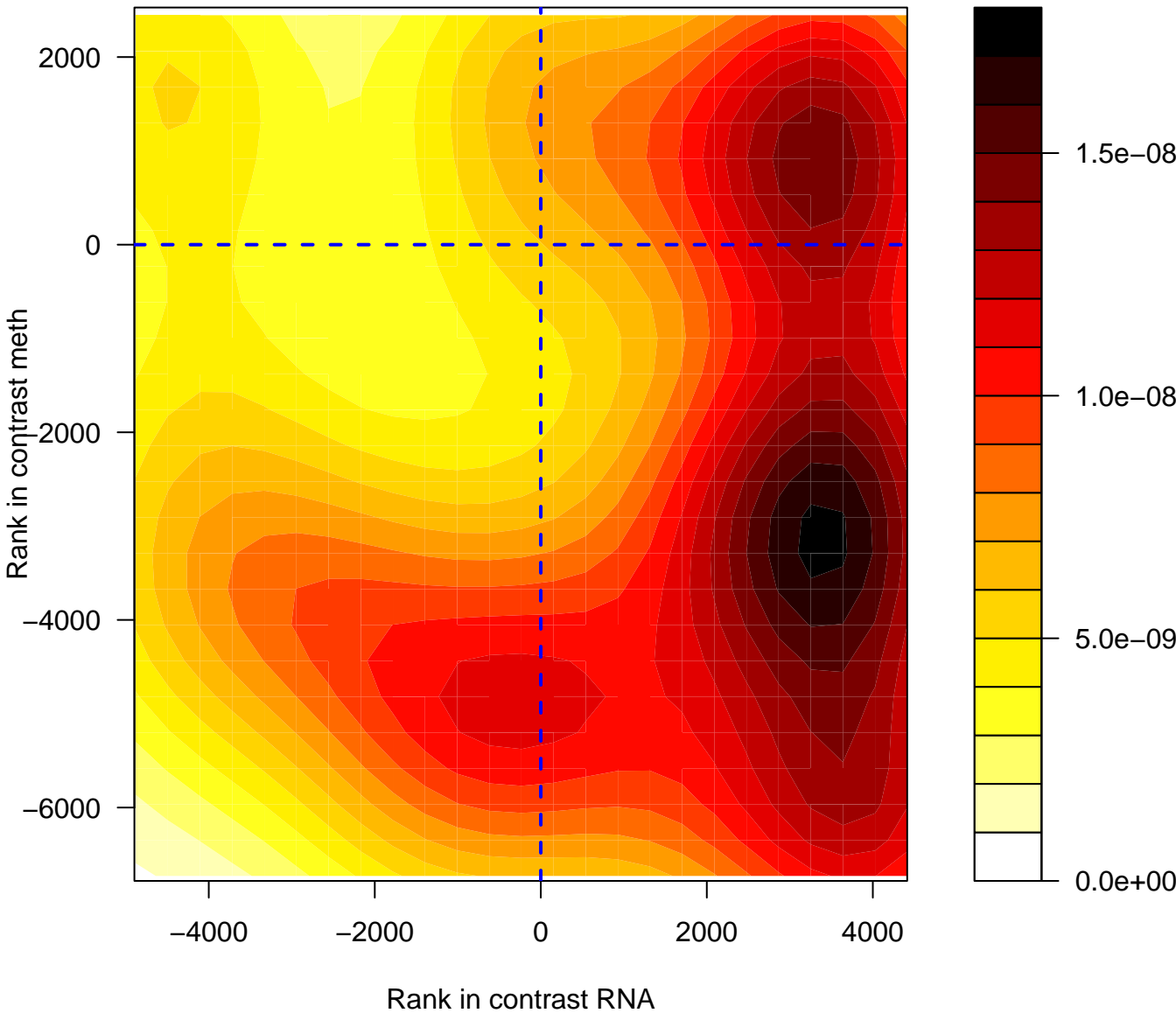
Toll-like Receptor Cascades



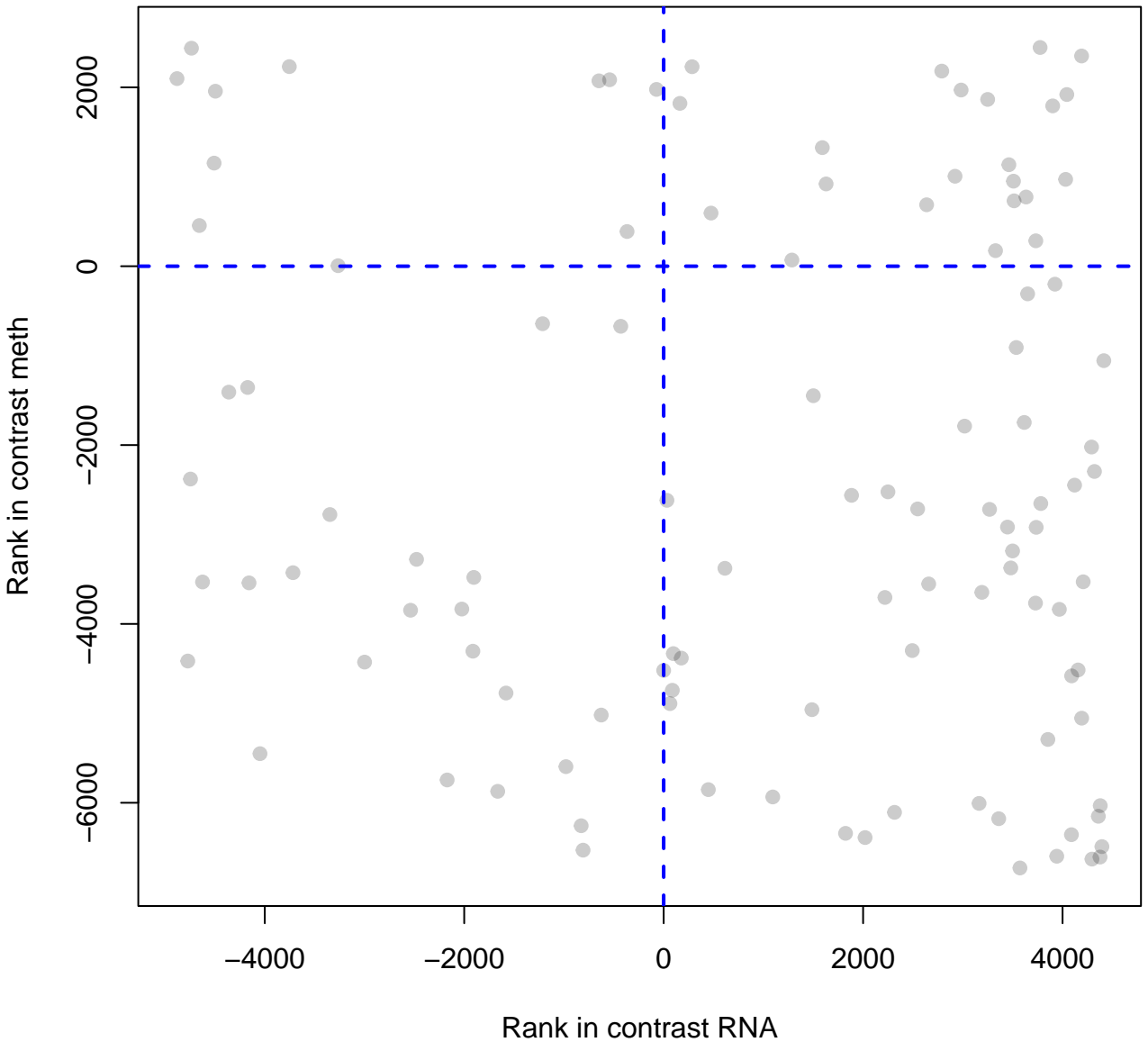
Toll-like Receptor Cascades



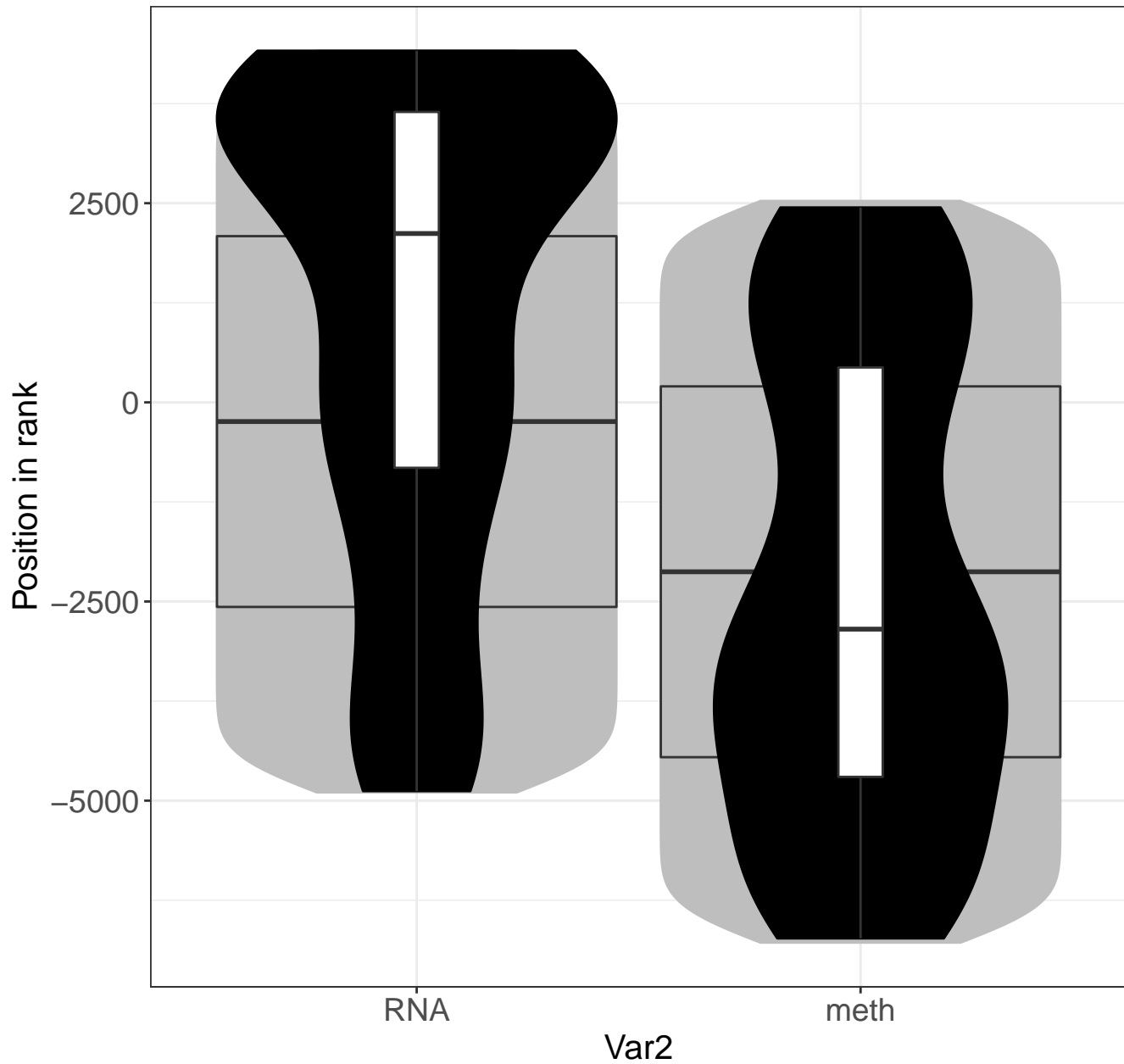
Leishmania infection



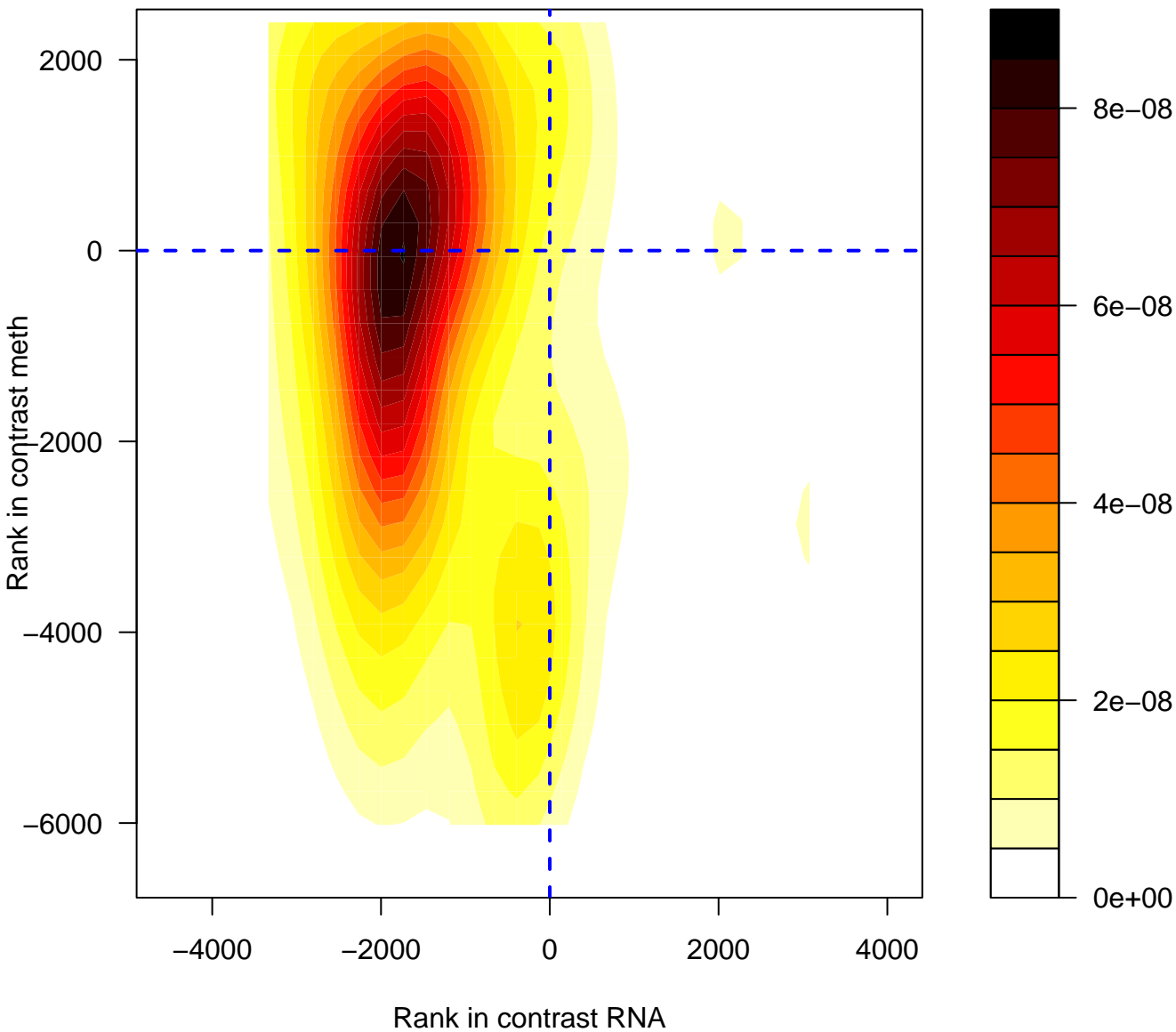
Leishmania infection



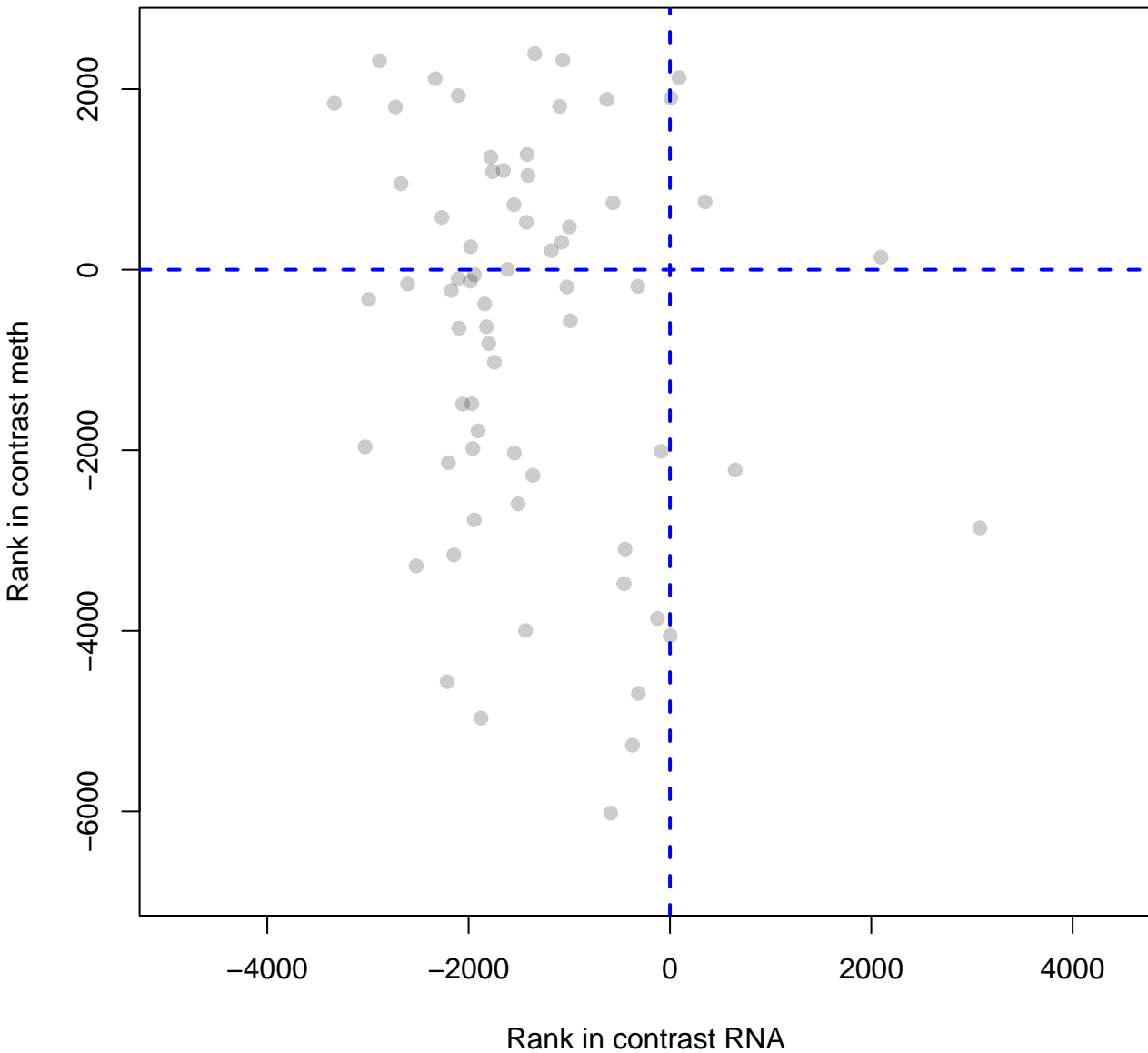
Leishmania infection



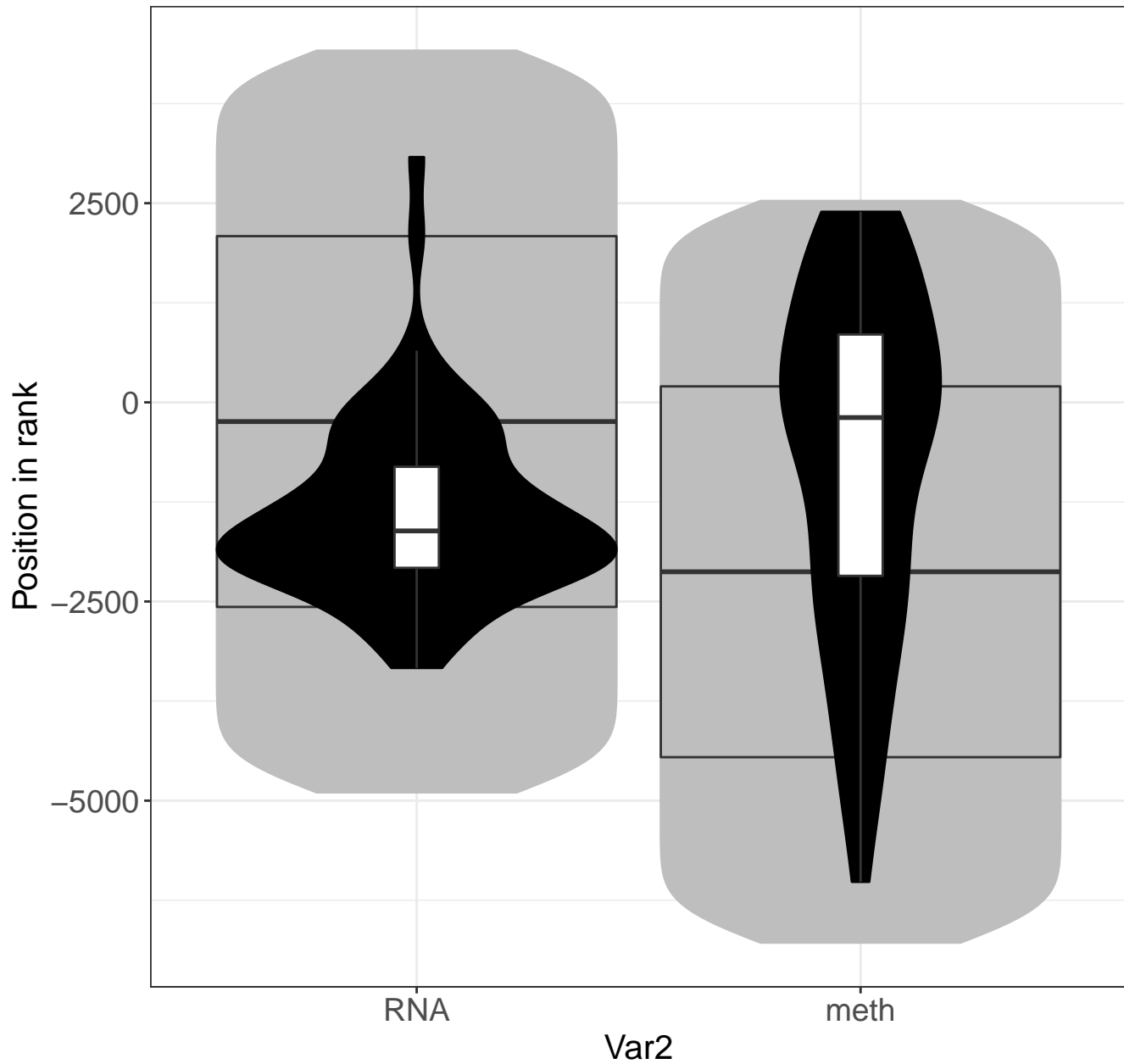
Peptide chain elongation



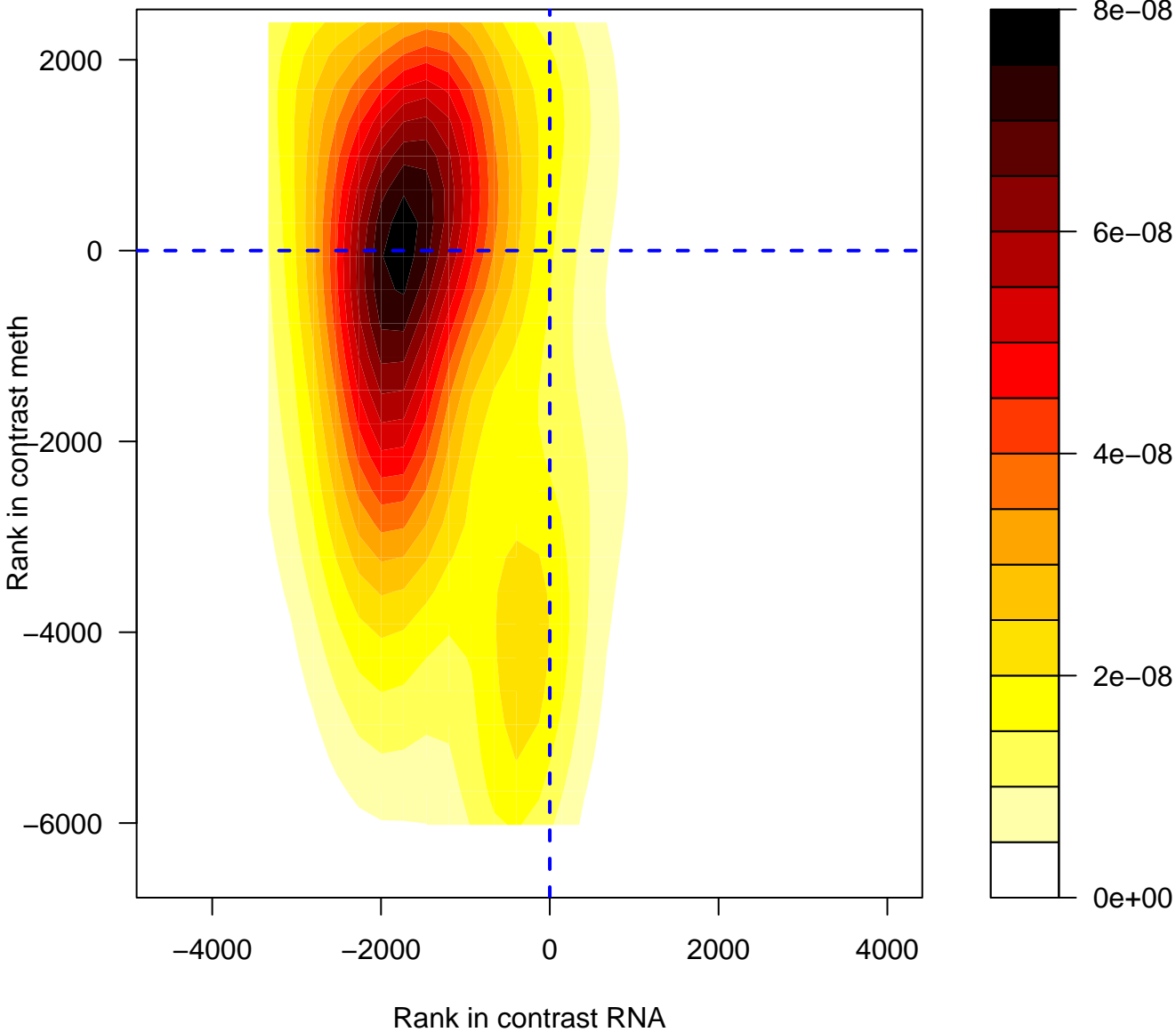
Peptide chain elongation



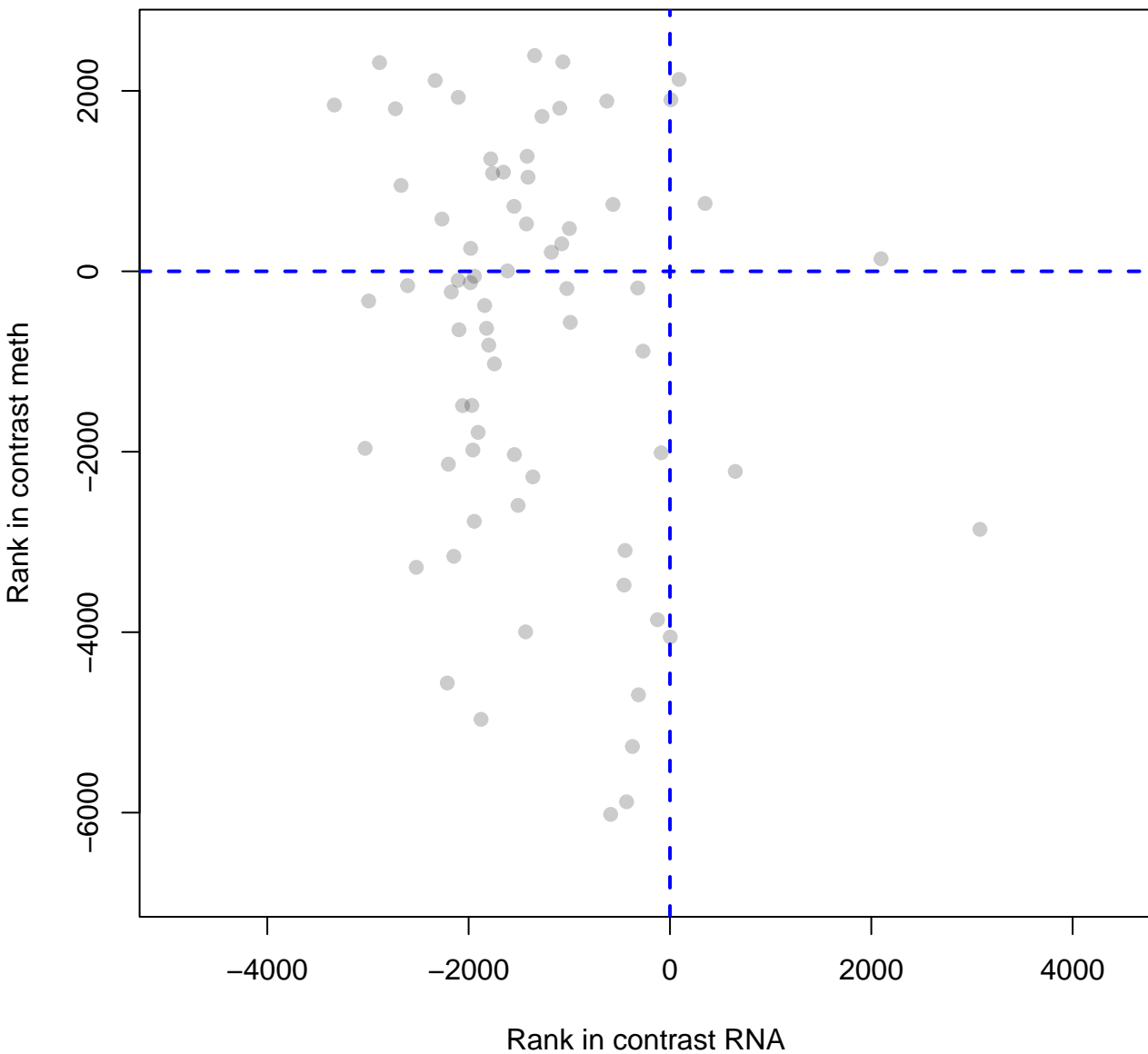
Peptide chain elongation



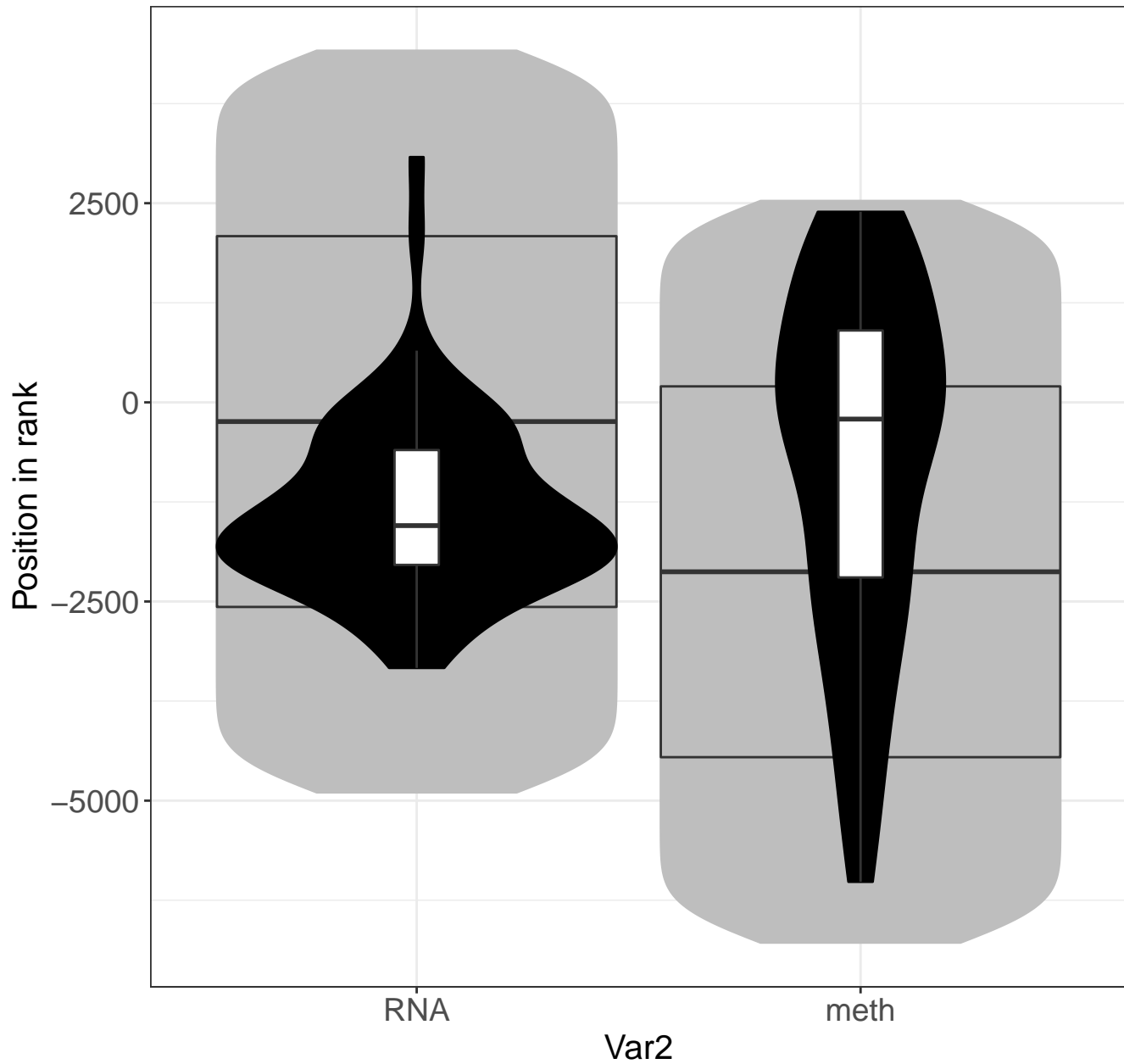
Eukaryotic Translation Elongation



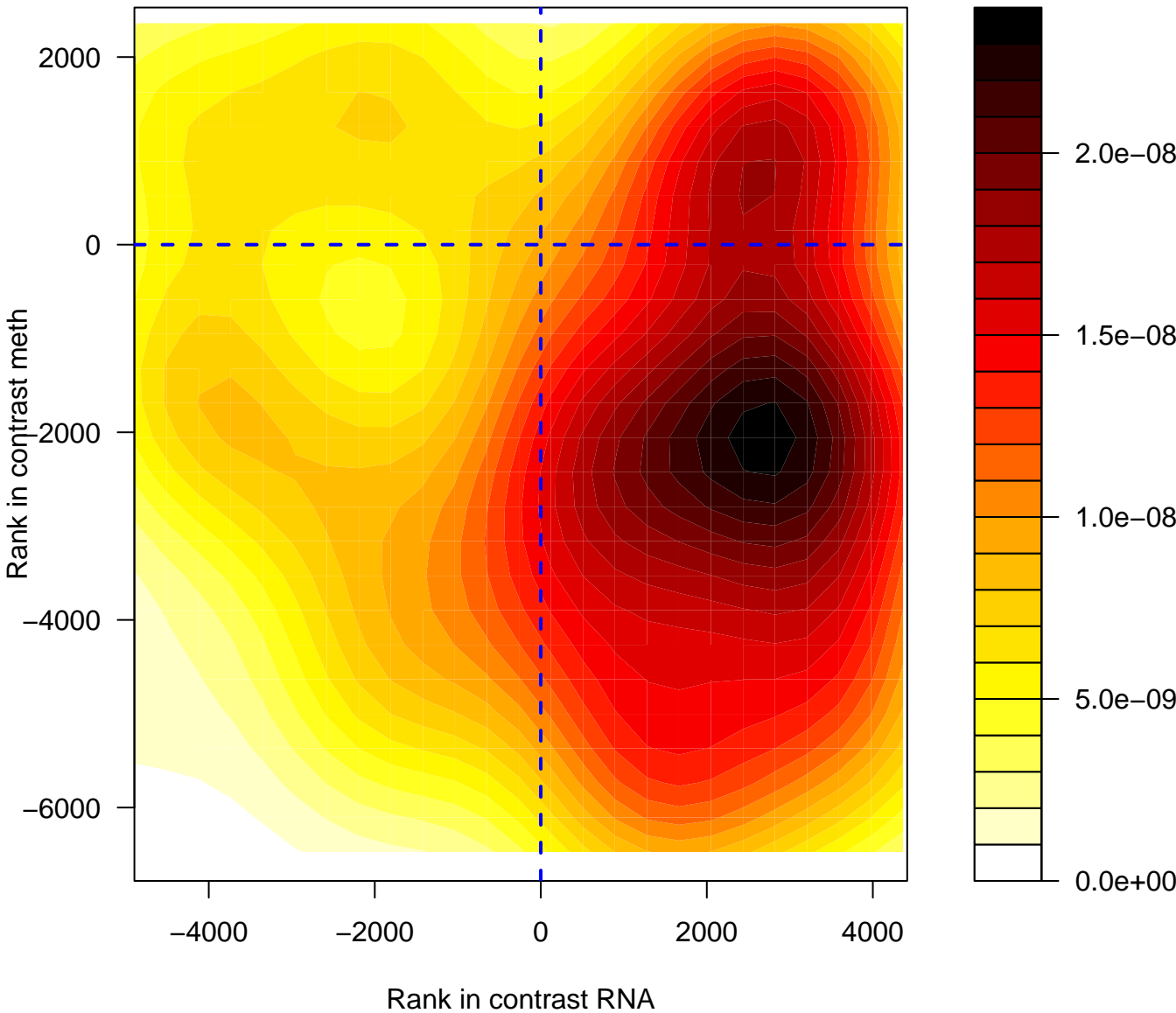
Eukaryotic Translation Elongation



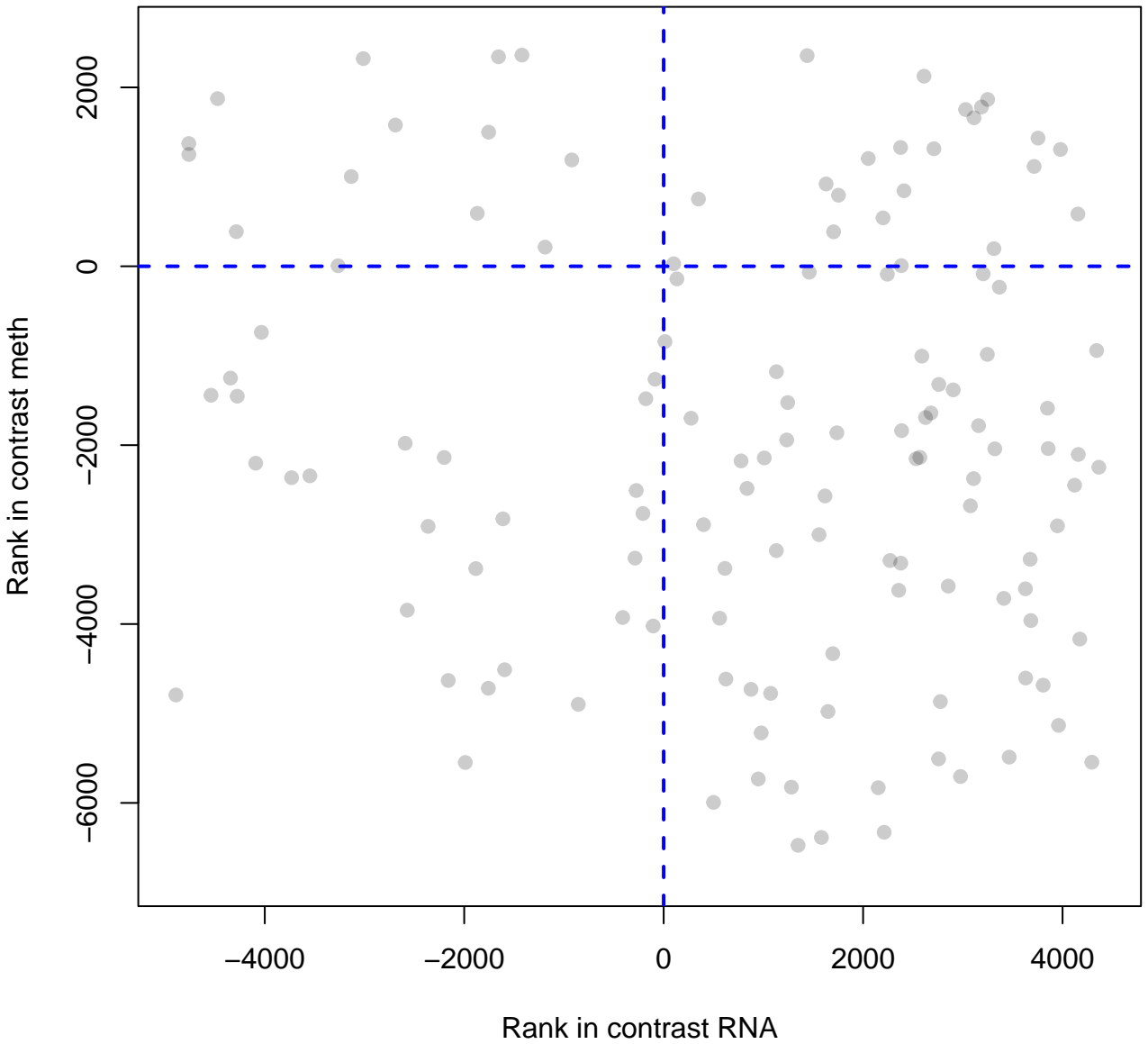
Eukaryotic Translation Elongation



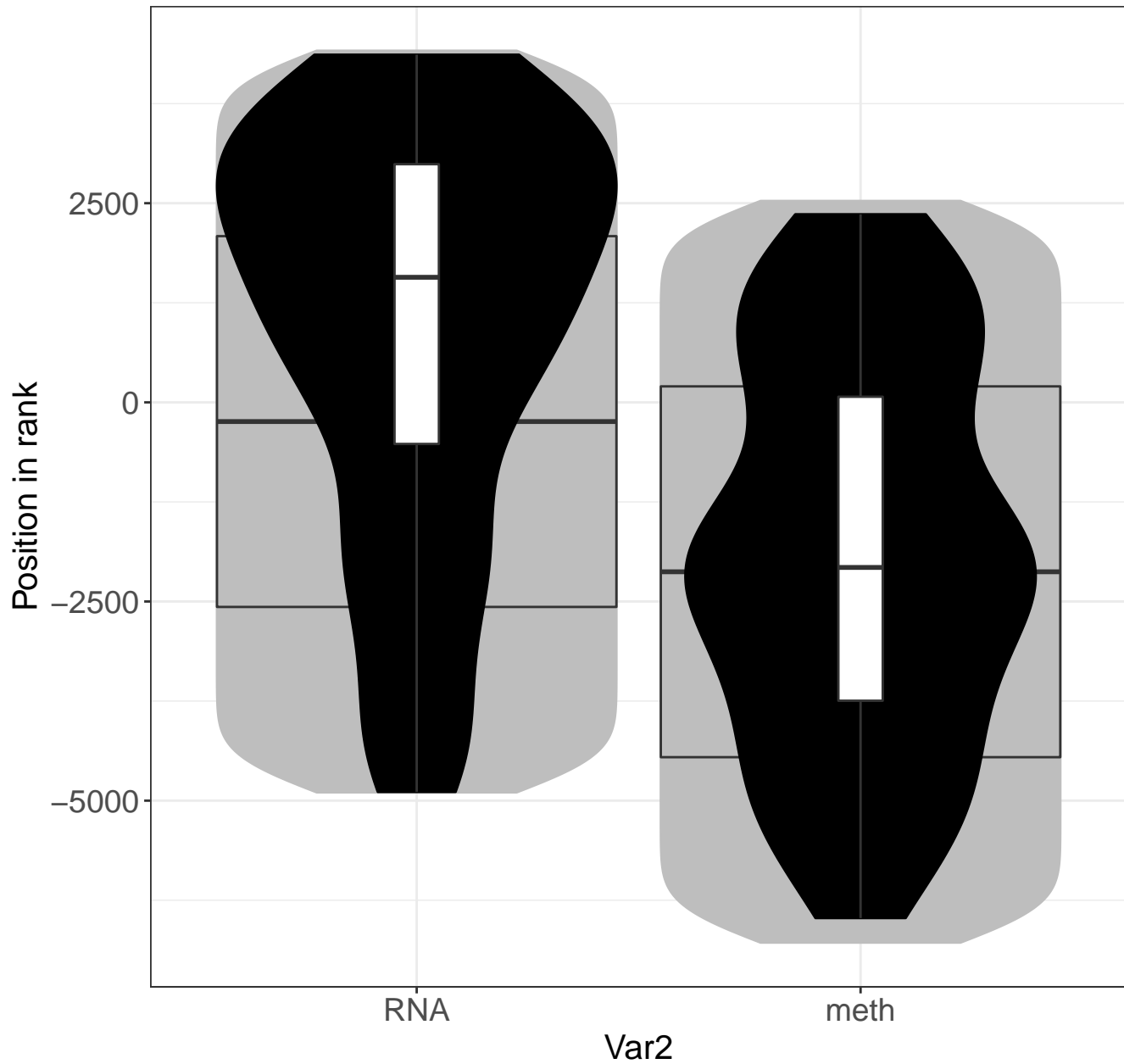
Apoptosis



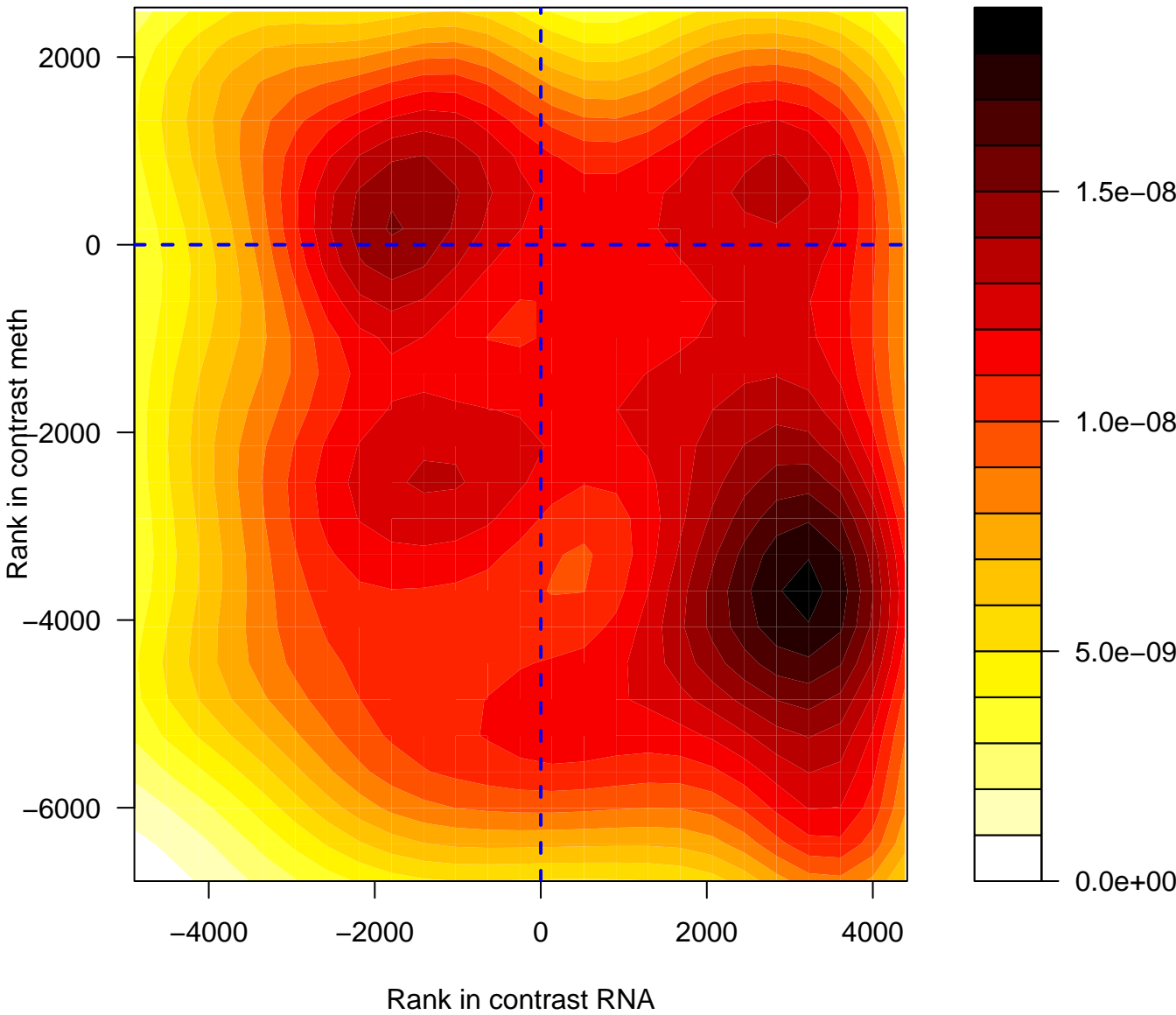
Apoptosis



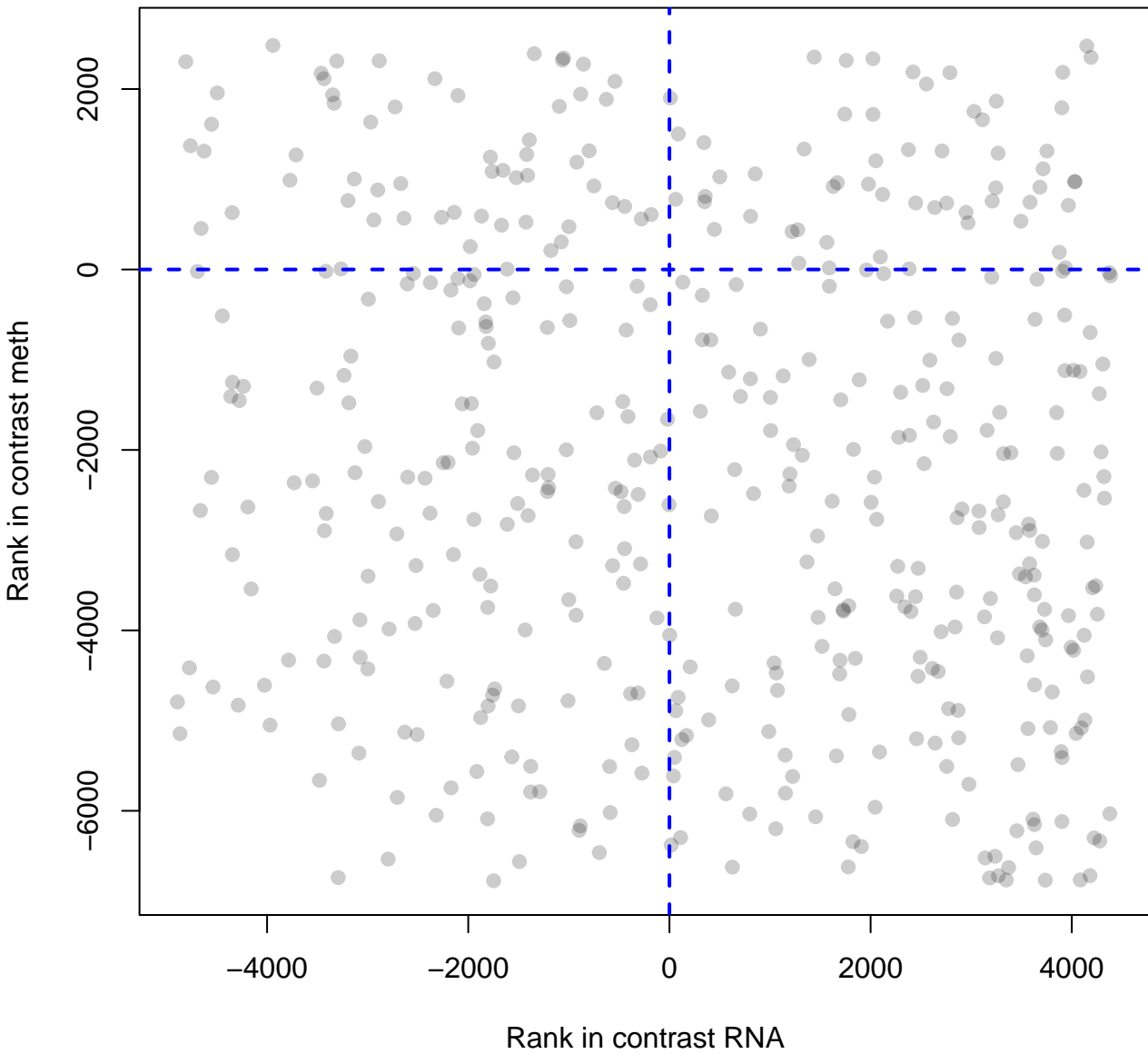
Apoptosis



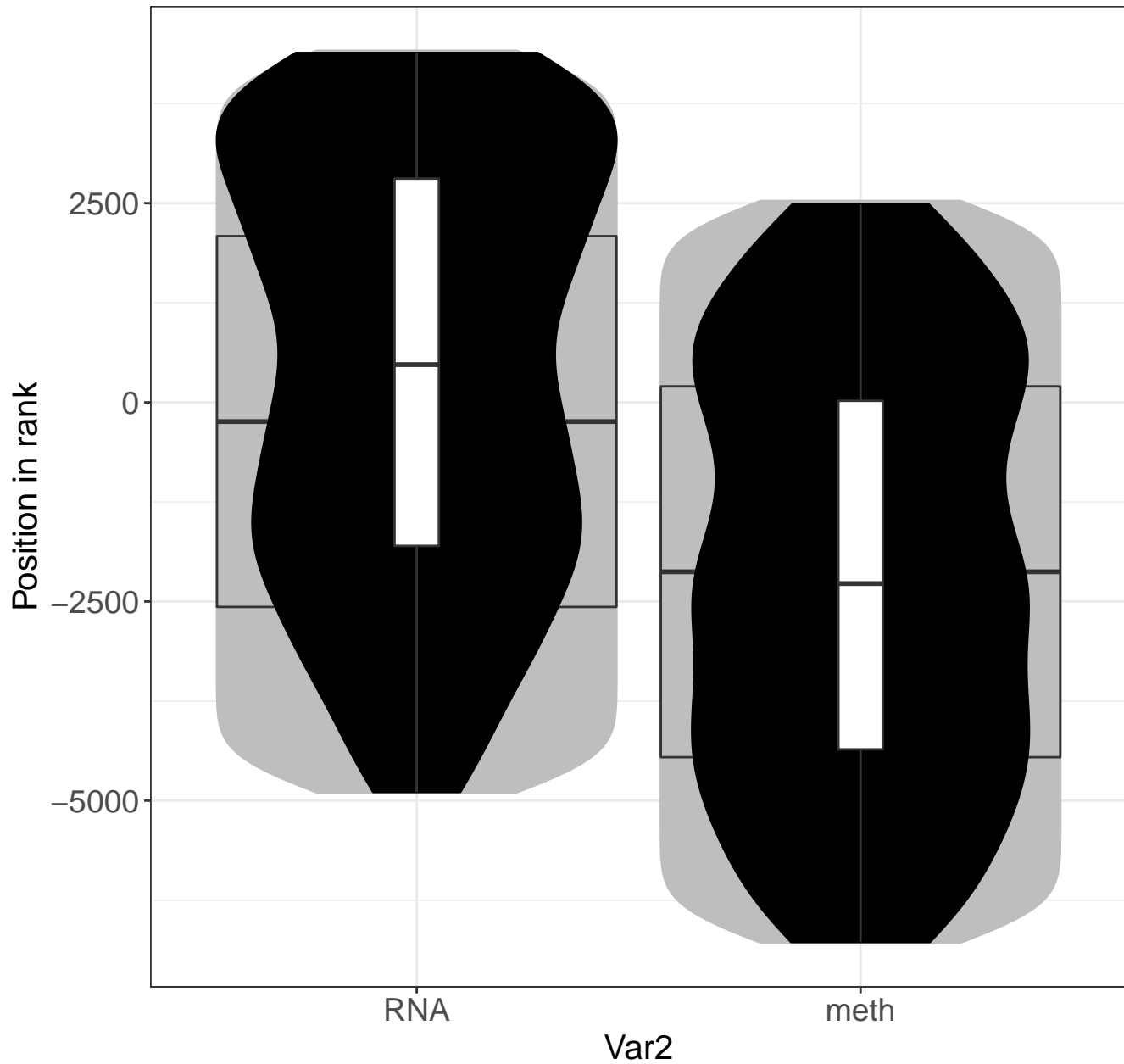
Developmental Biology



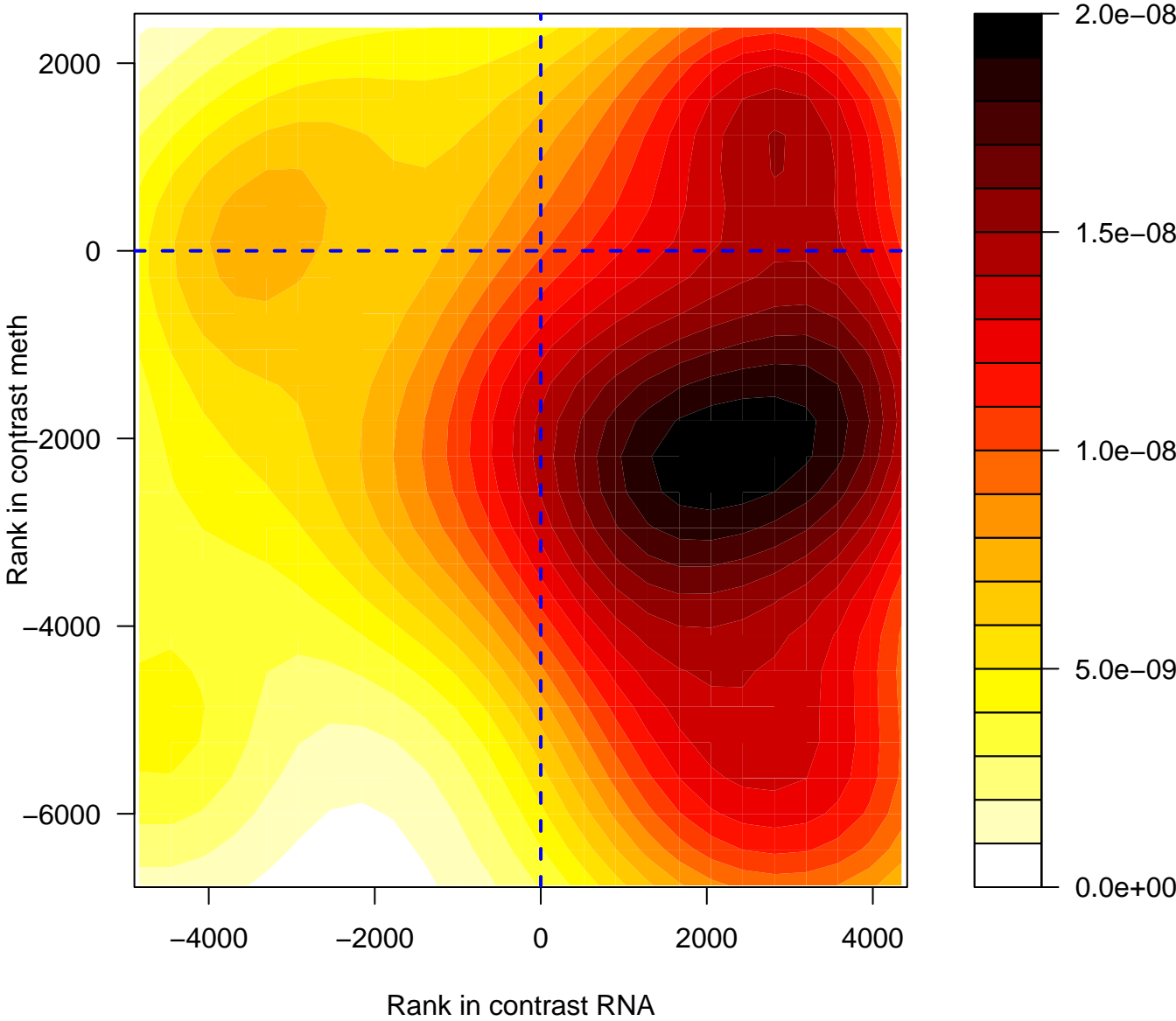
Developmental Biology



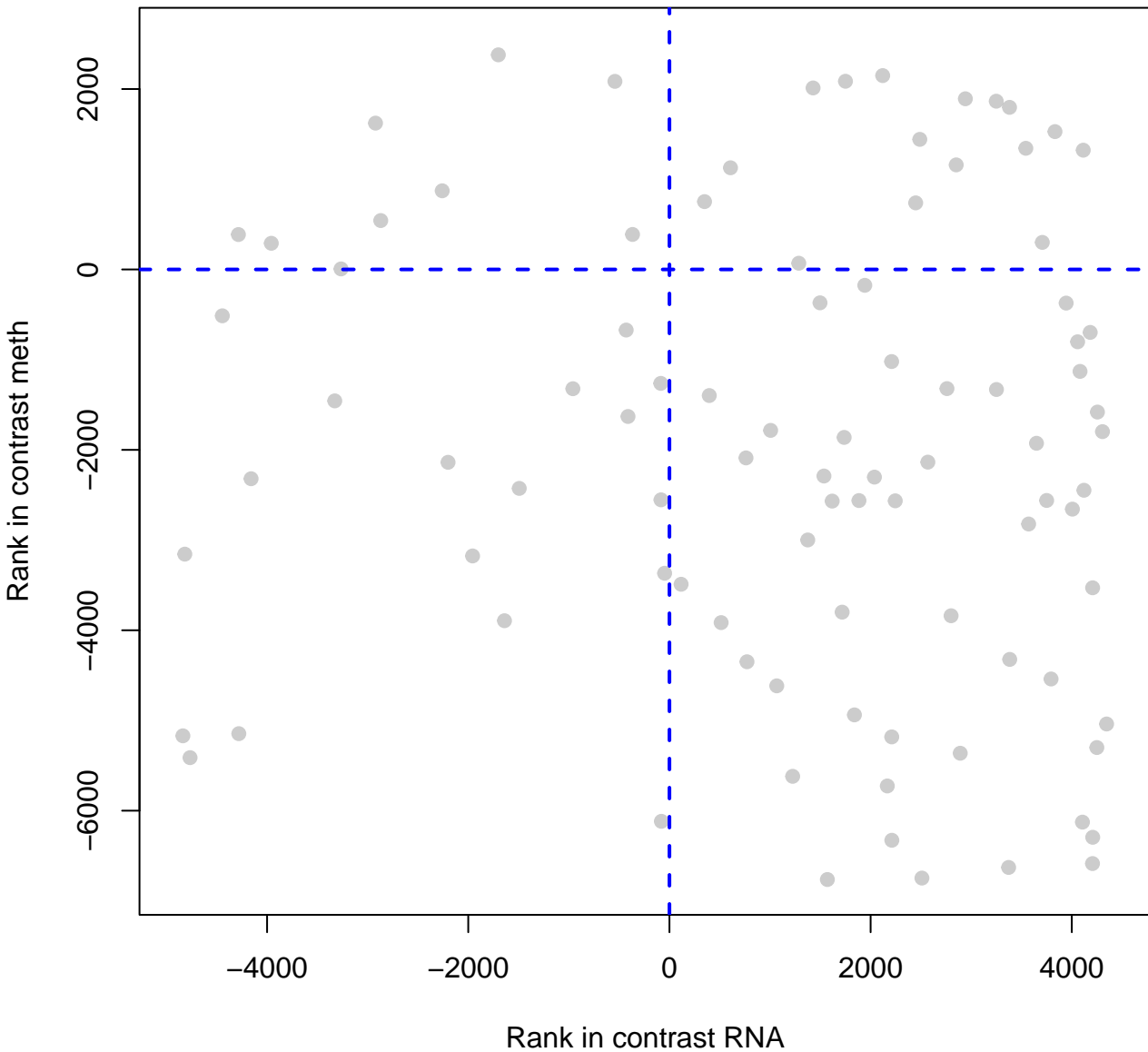
Developmental Biology



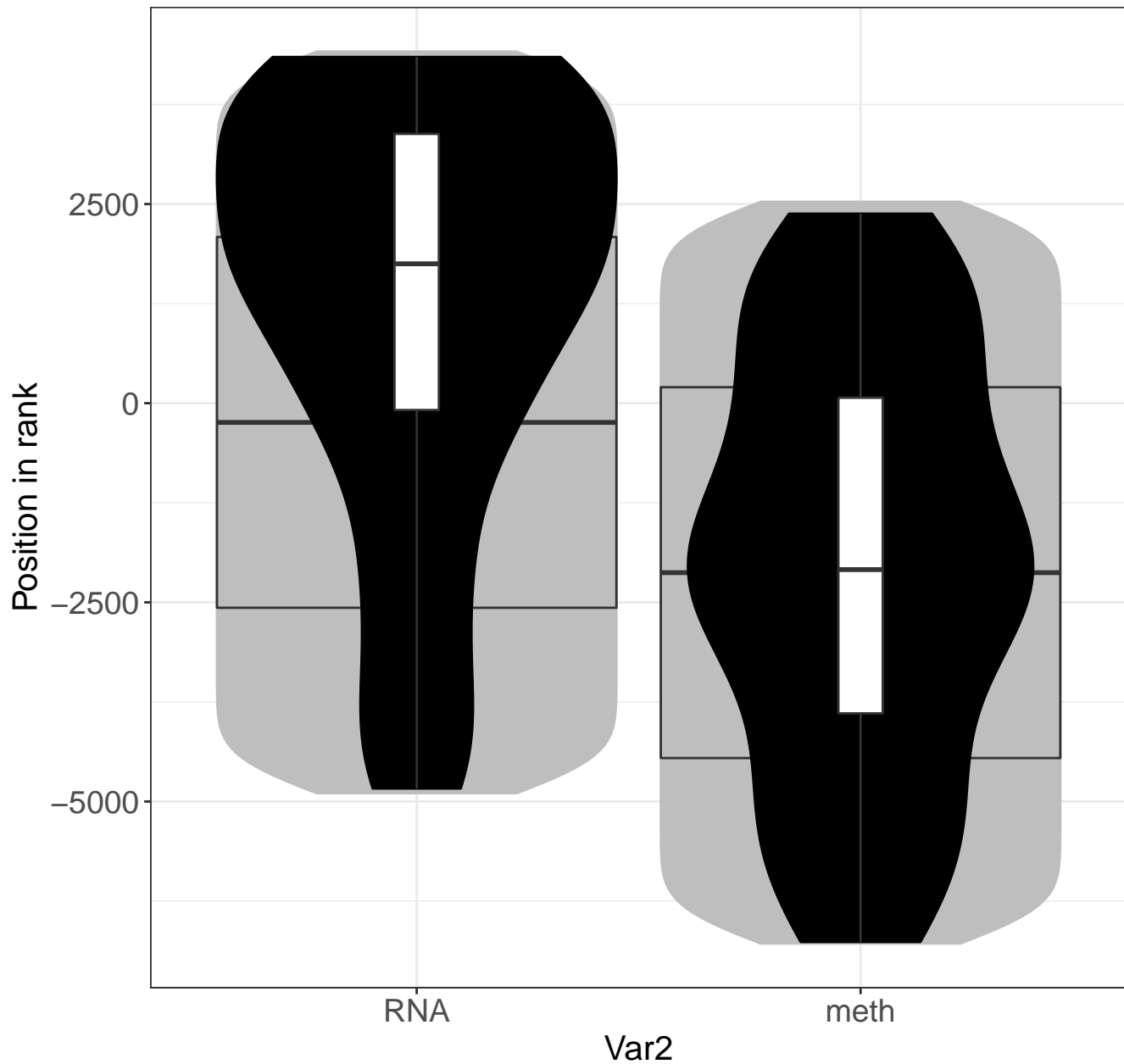
Toll Like Receptor 4 (TLR4) Cascade



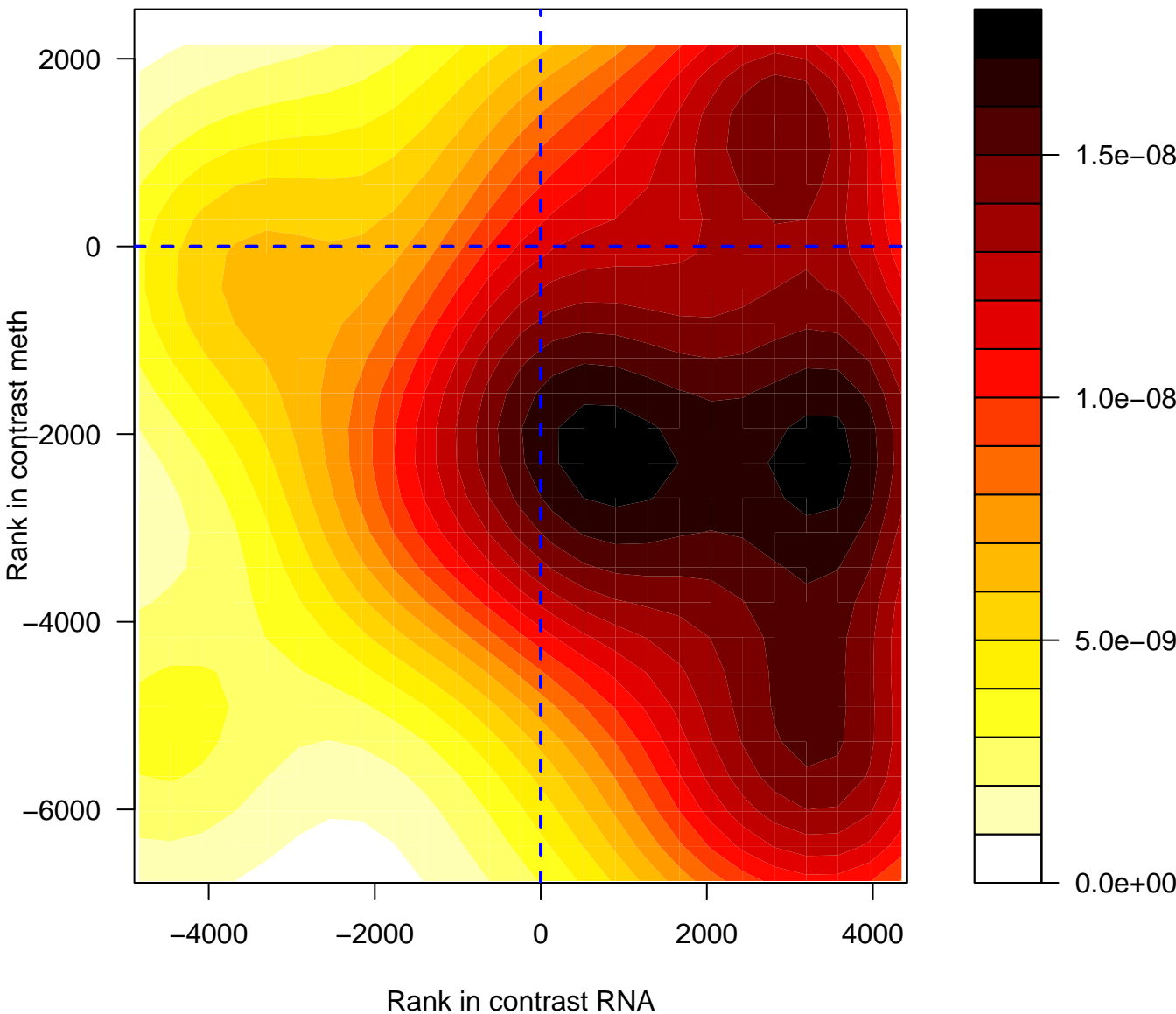
Toll Like Receptor 4 (TLR4) Cascade



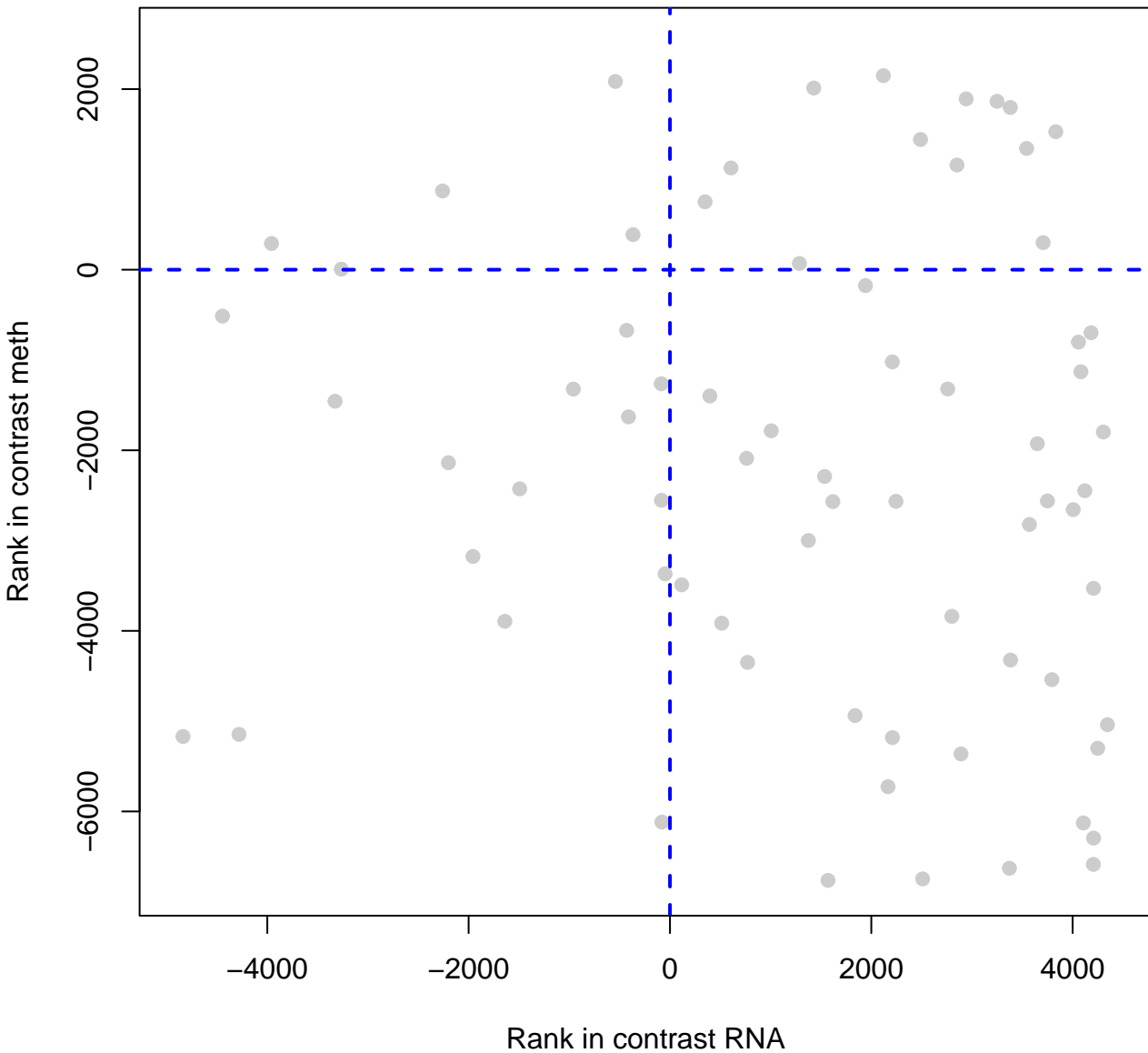
Toll Like Receptor 4 (TLR4) Cascade



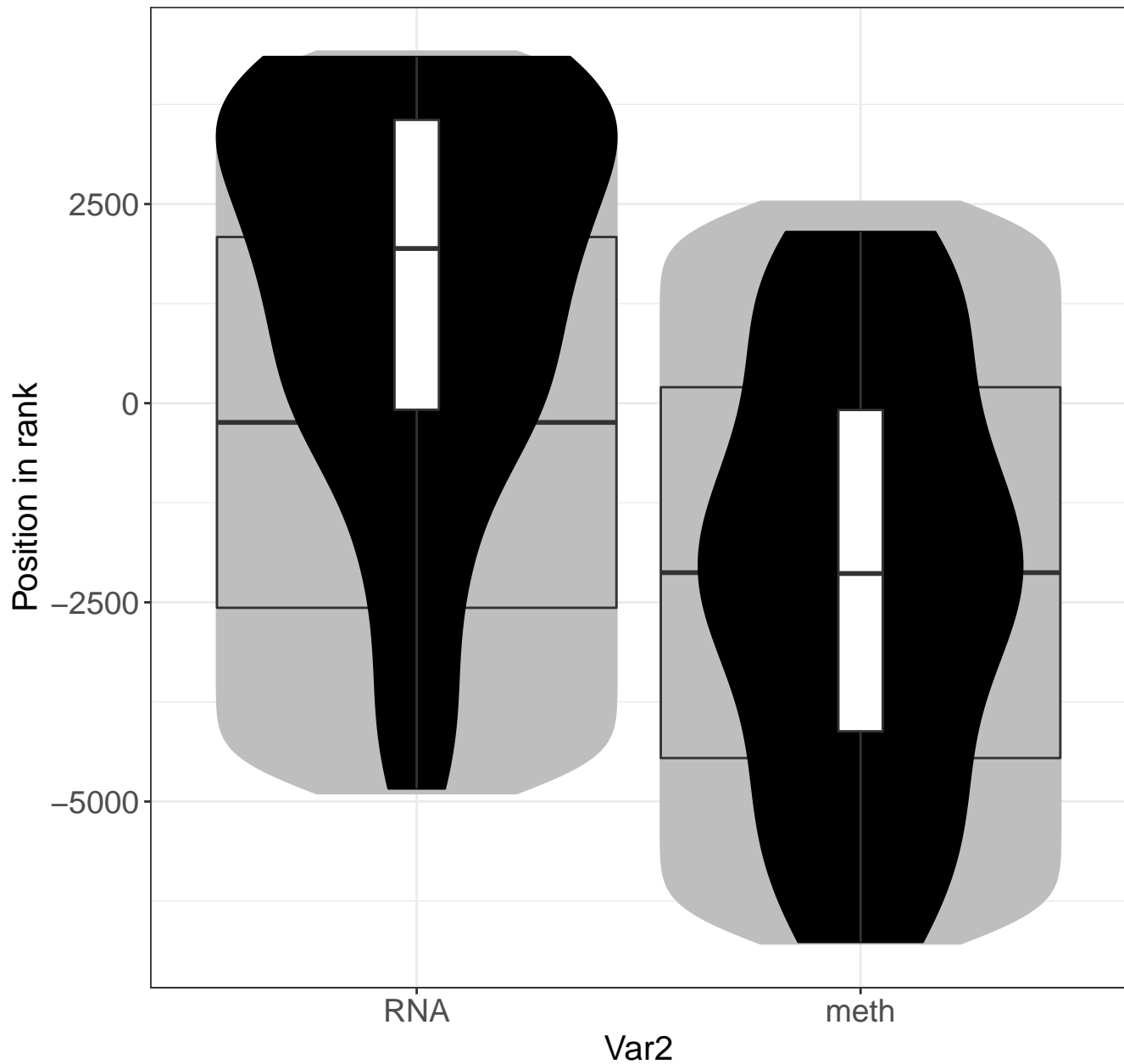
MyD88:MAL(TIRAP) cascade initiated on plasma membra



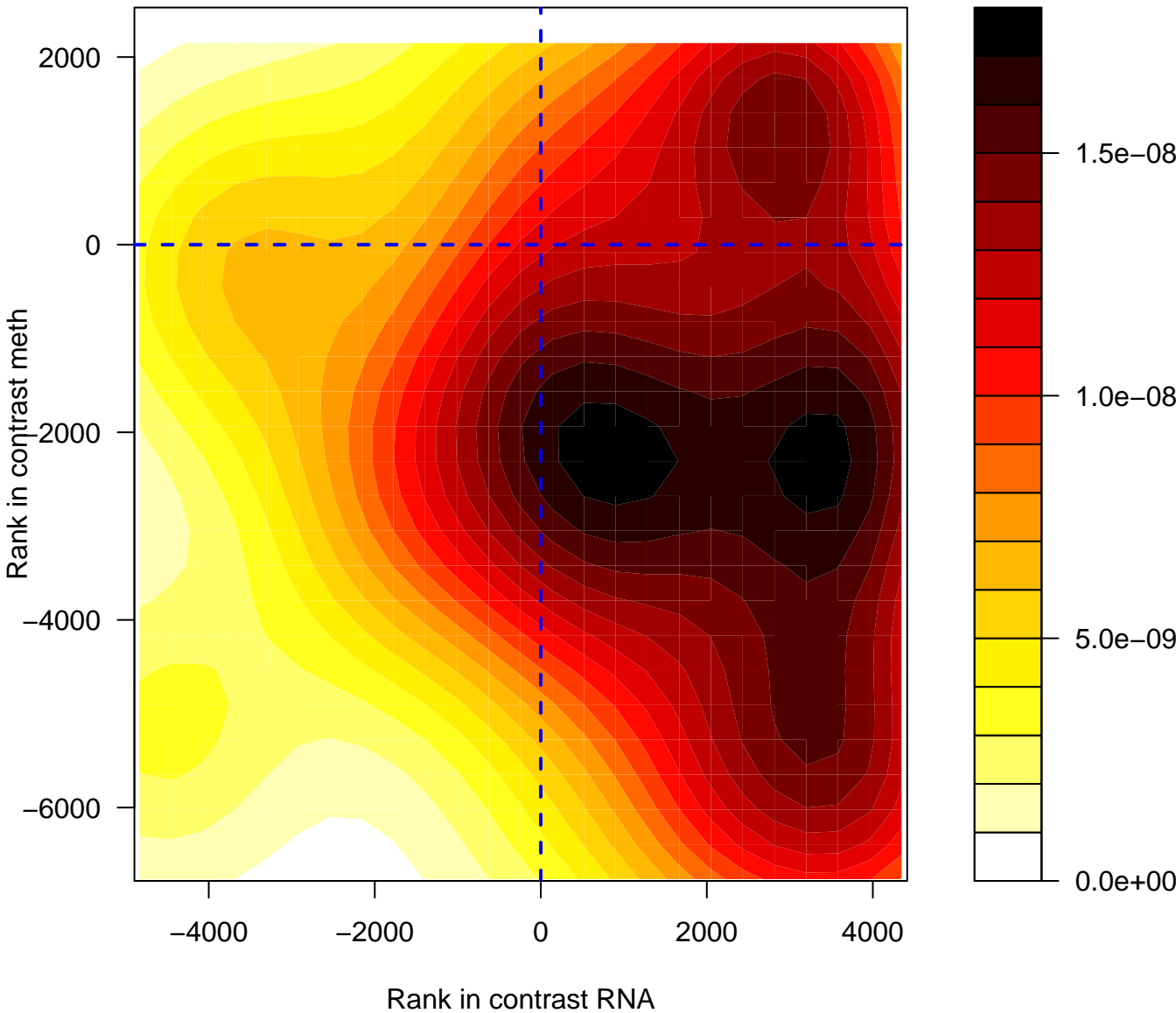
MyD88:MAL(TIRAP) cascade initiated on plasma membrane



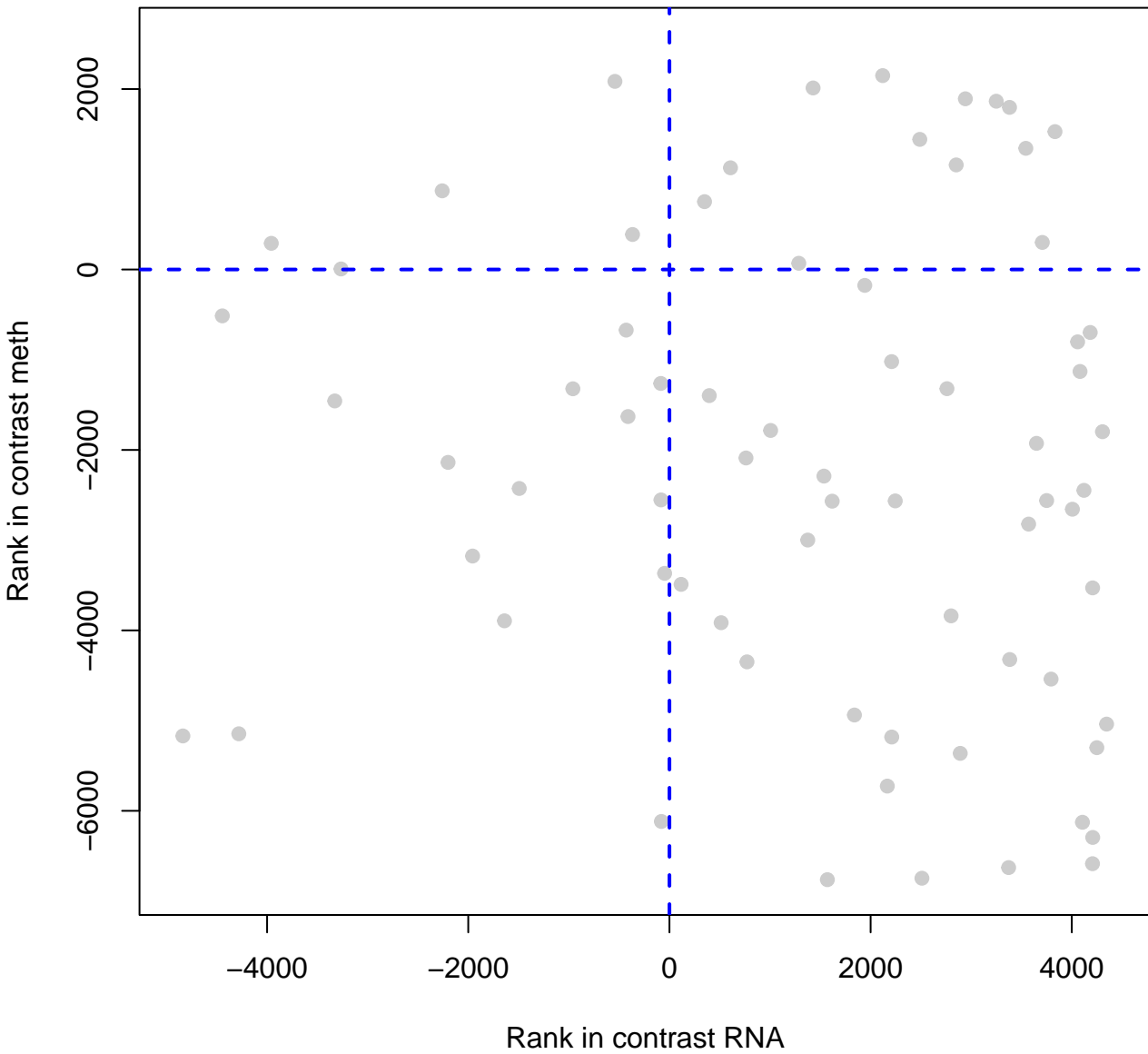
MyD88:MAL(TIRAP) cascade initiated on plasma



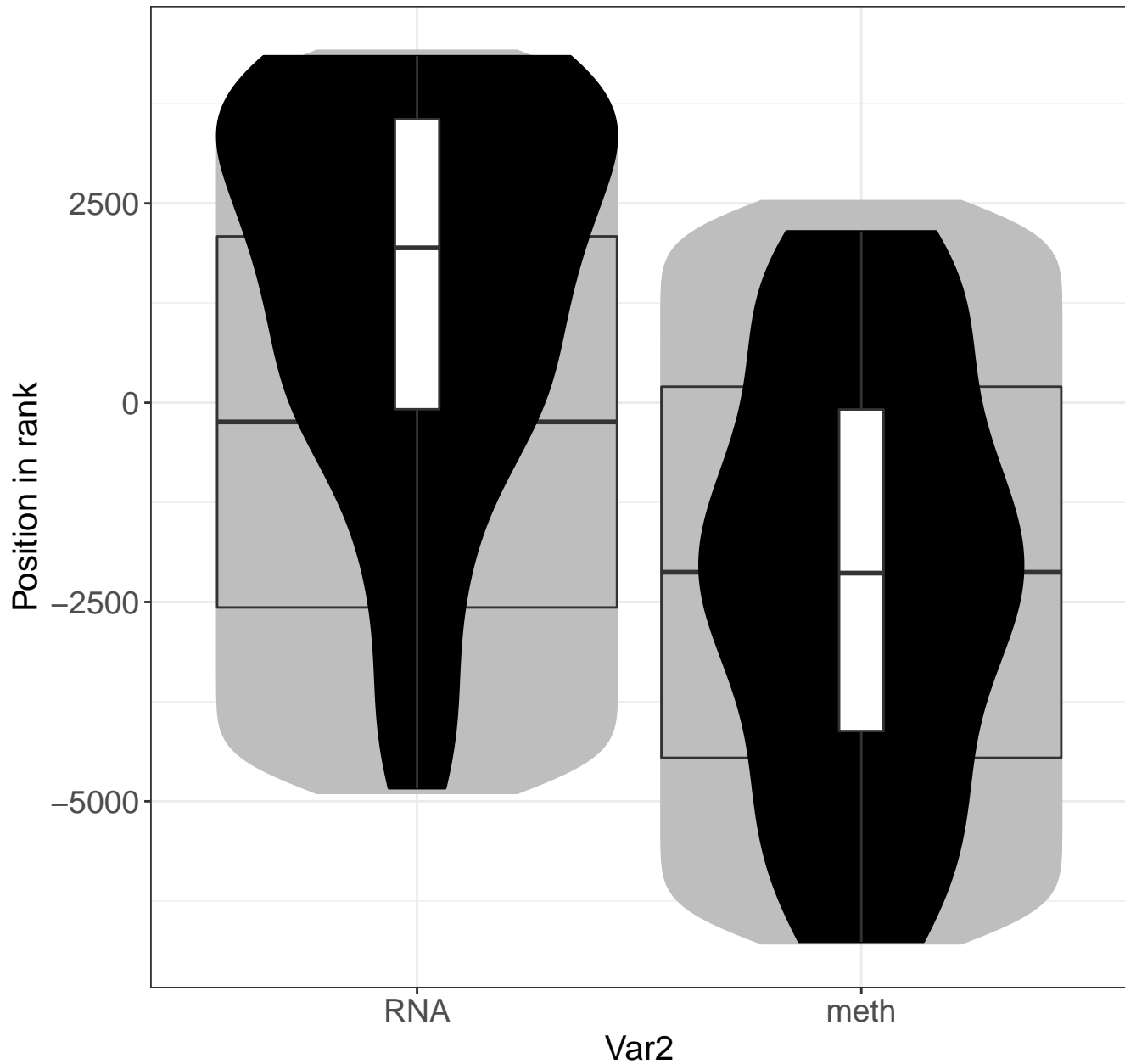
Toll Like Receptor 2 (TLR2) Cascade



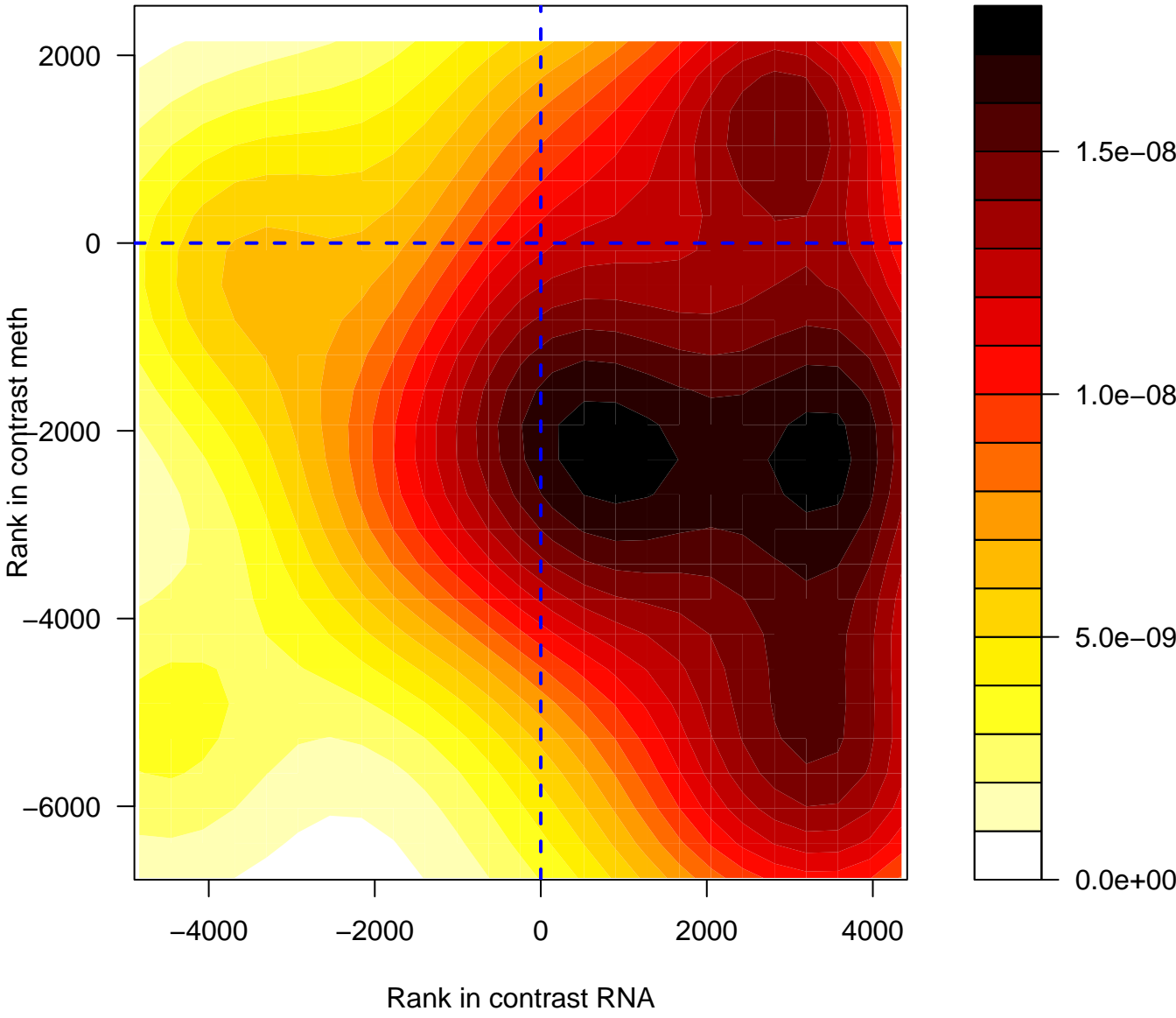
Toll Like Receptor 2 (TLR2) Cascade



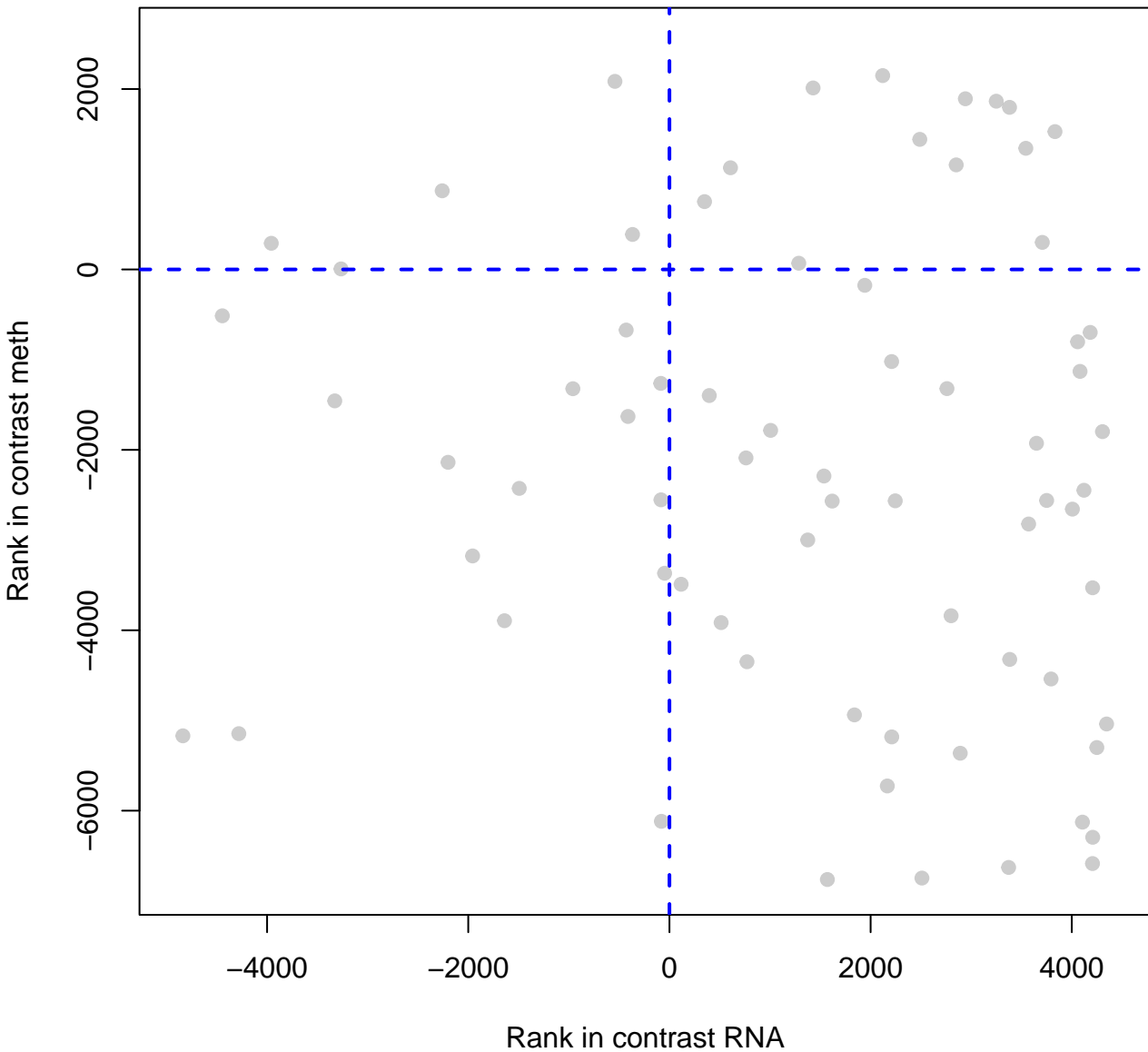
Toll Like Receptor 2 (TLR2) Cascade



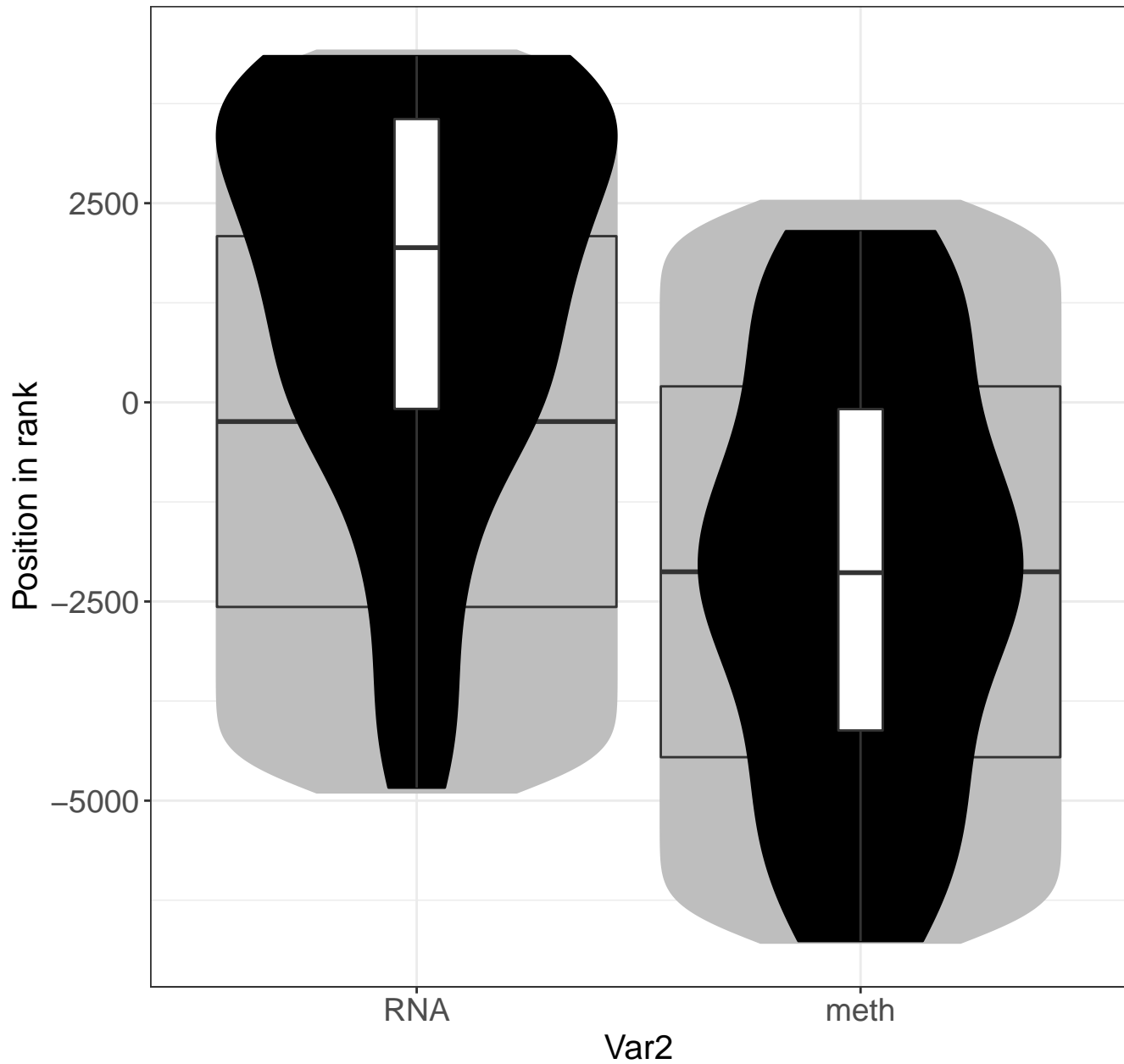
Toll Like Receptor TLR1:TLR2 Cascade



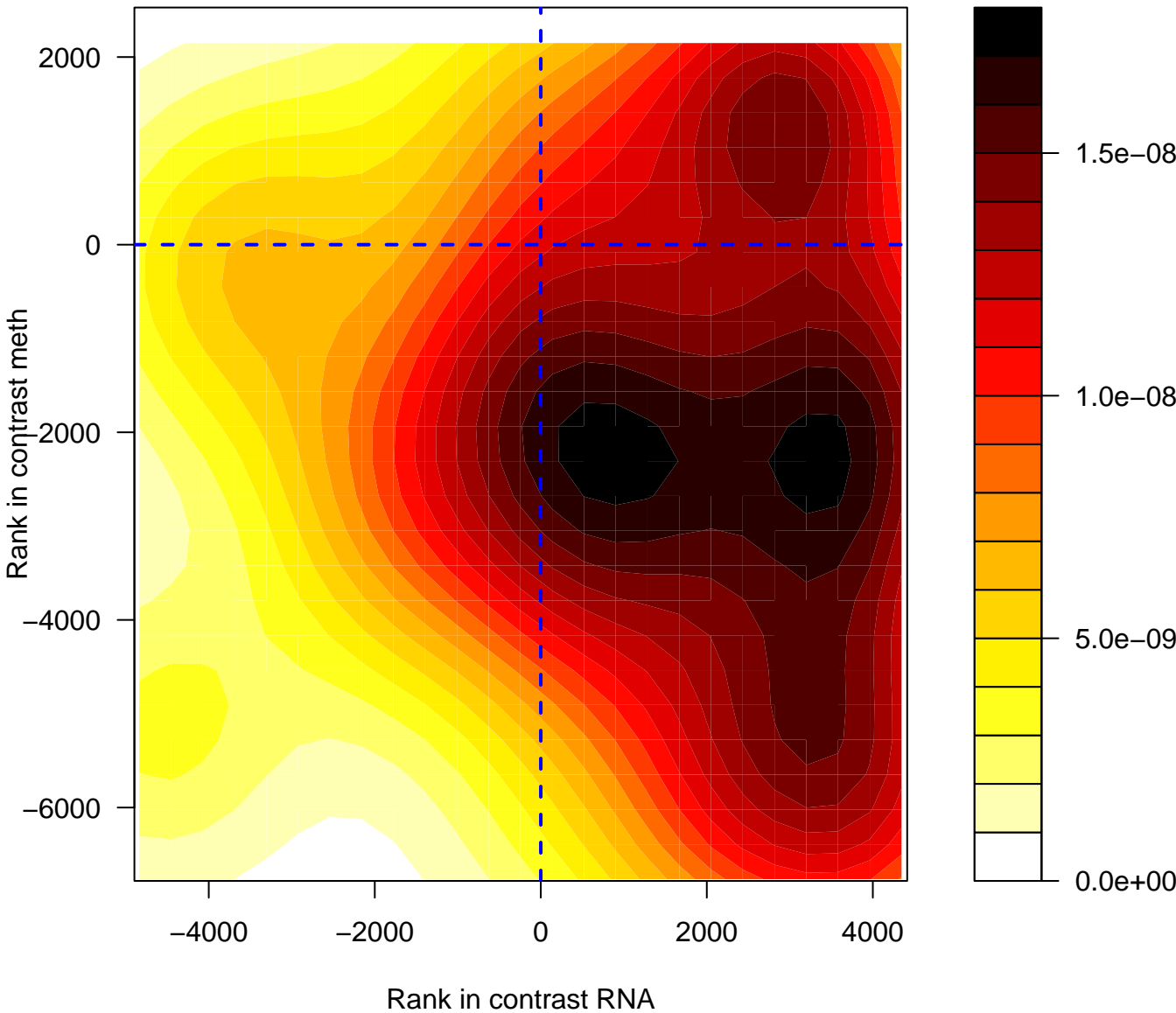
Toll Like Receptor TLR1:TLR2 Cascade



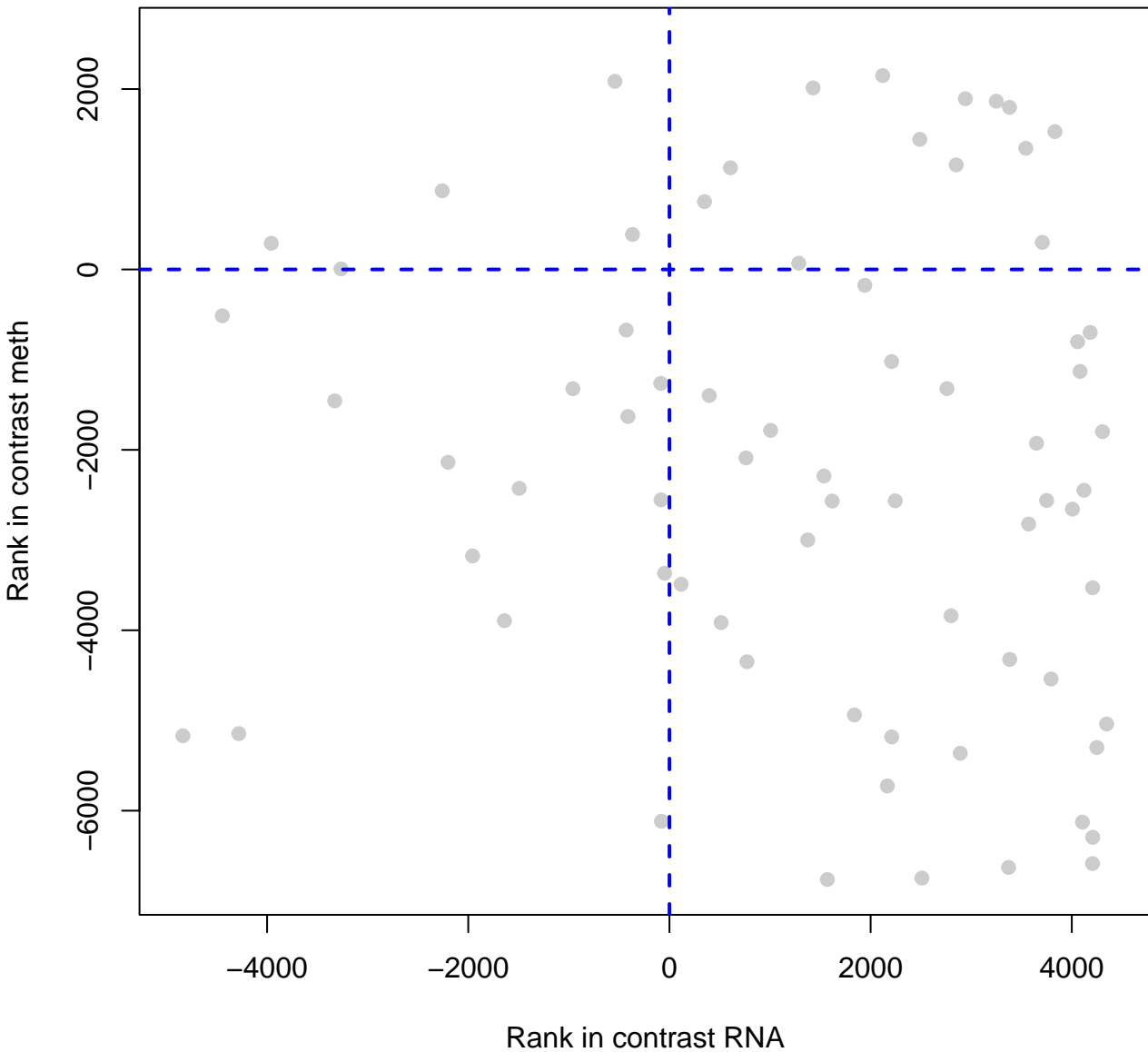
Toll Like Receptor TLR1:TLR2 Cascade



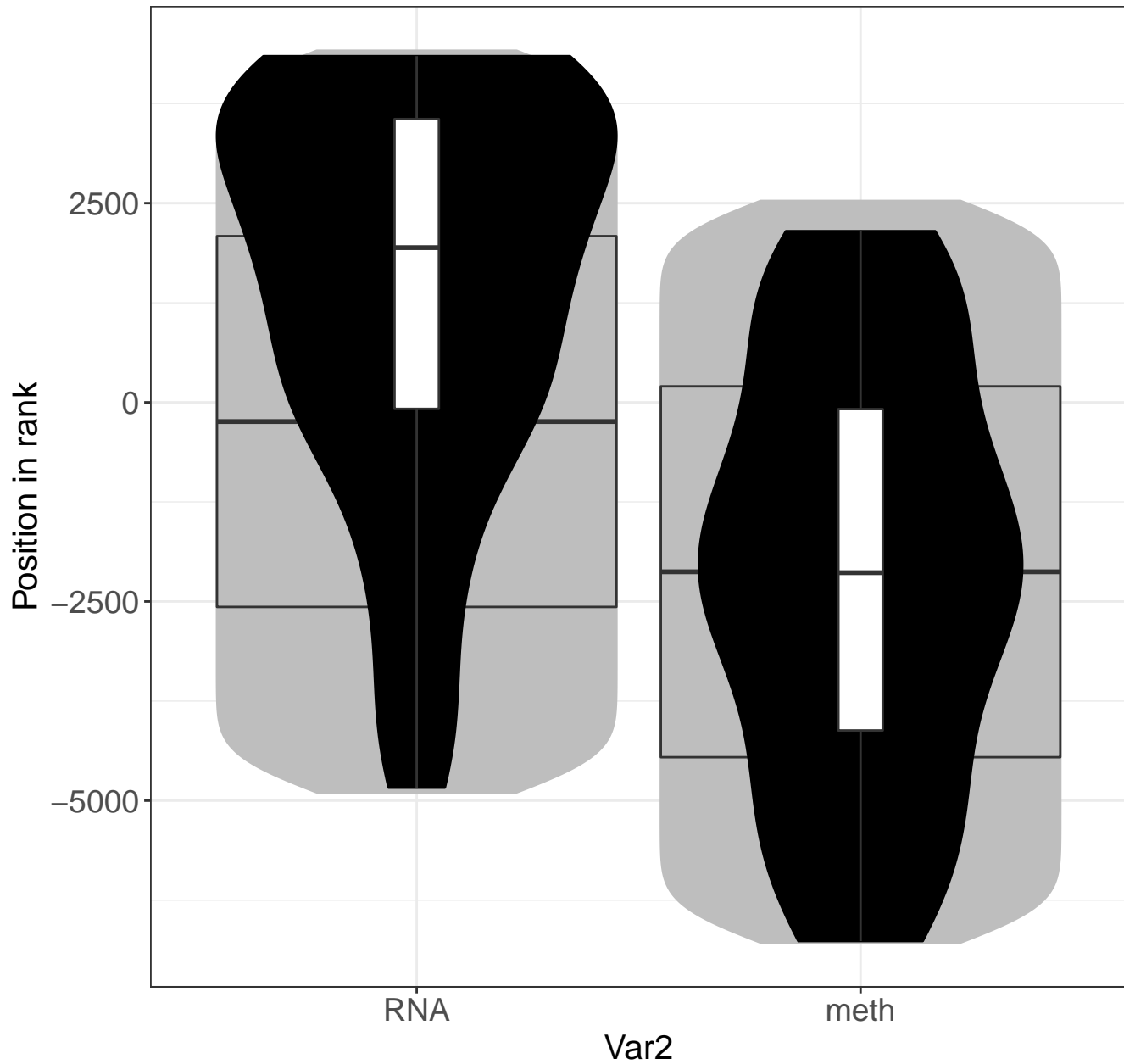
Toll Like Receptor TLR6:TLR2 Cascade



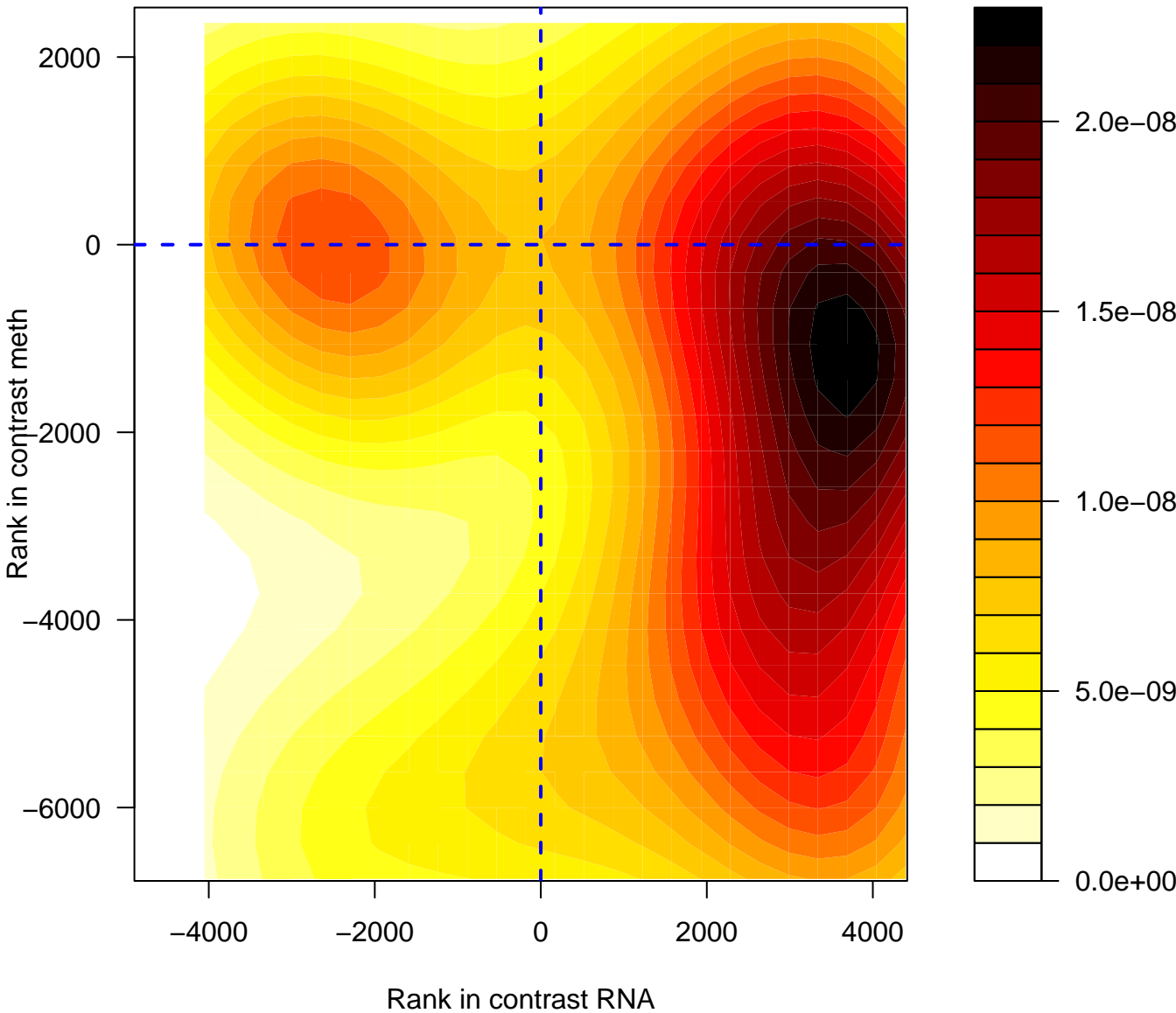
Toll Like Receptor TLR6:TLR2 Cascade



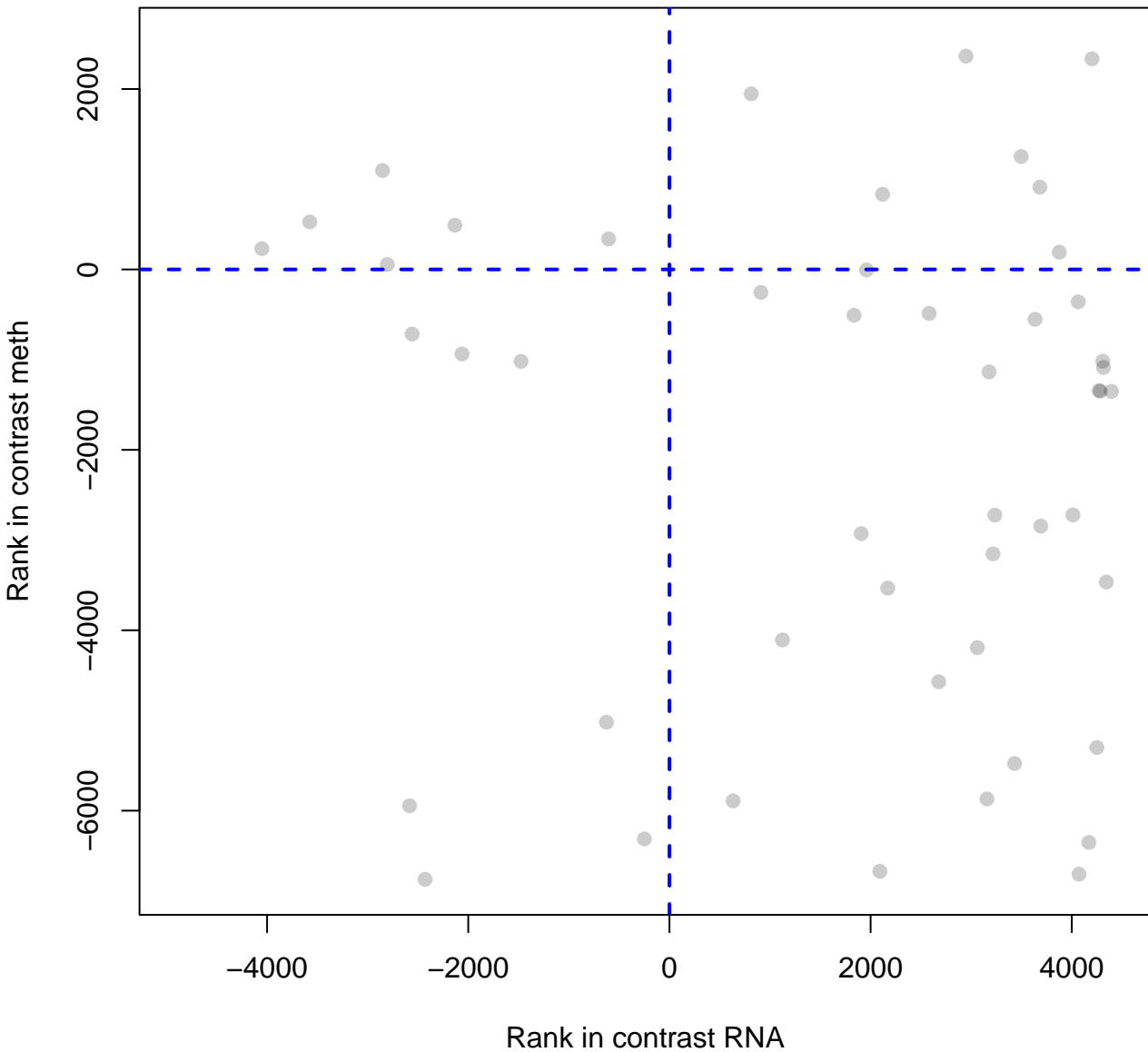
Toll Like Receptor TLR6:TLR2 Cascade



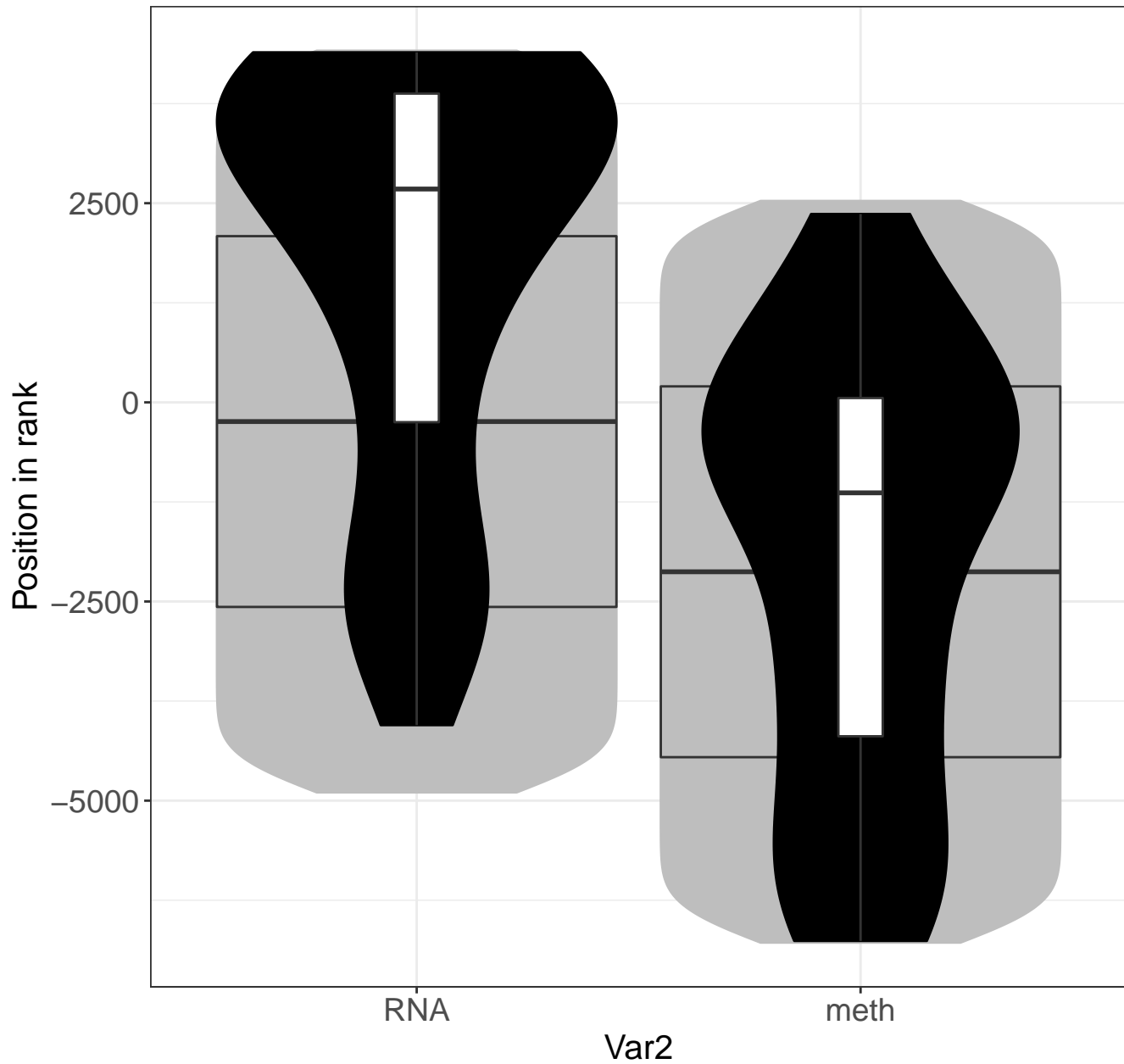
Platelet degranulation



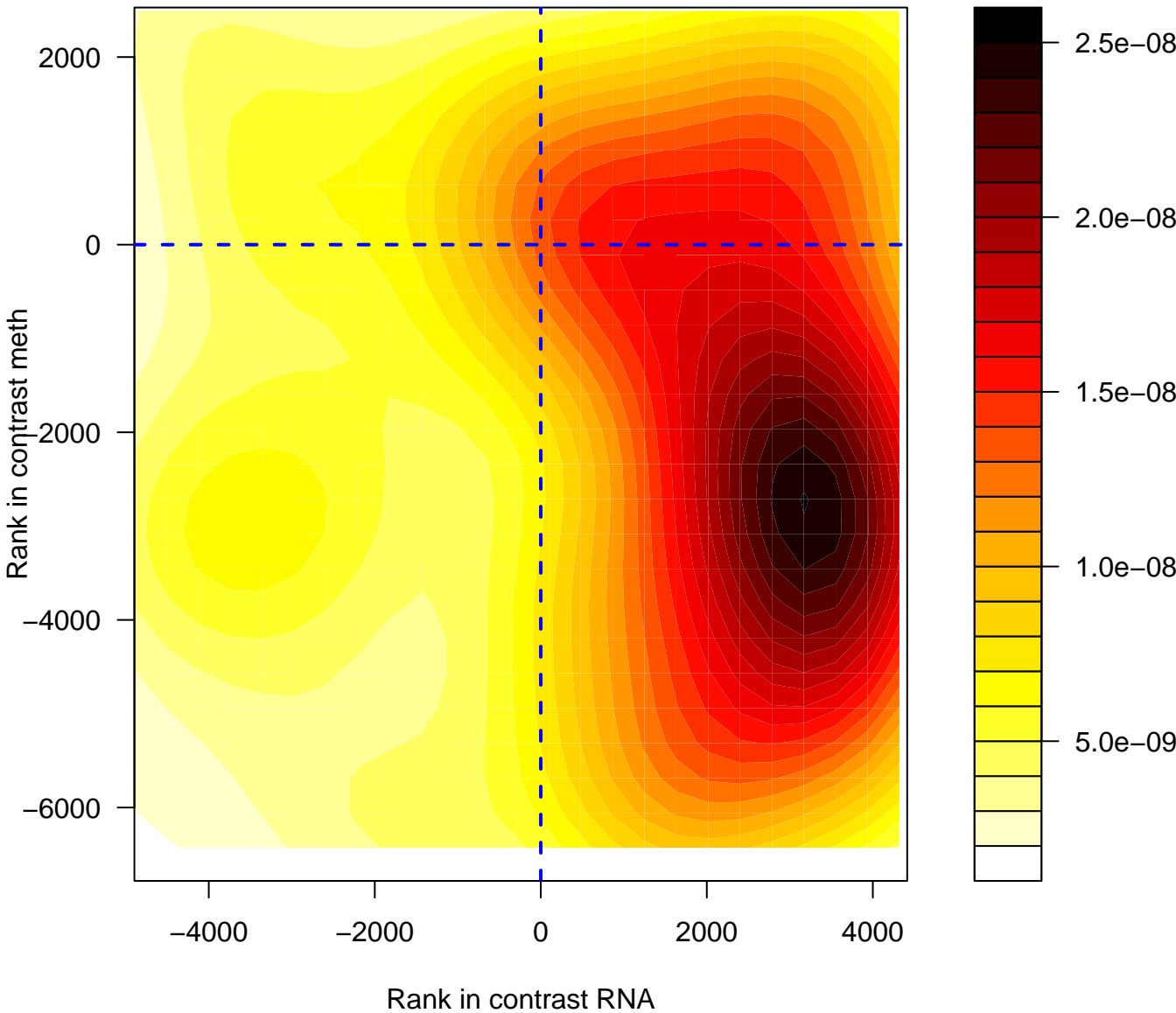
Platelet degranulation



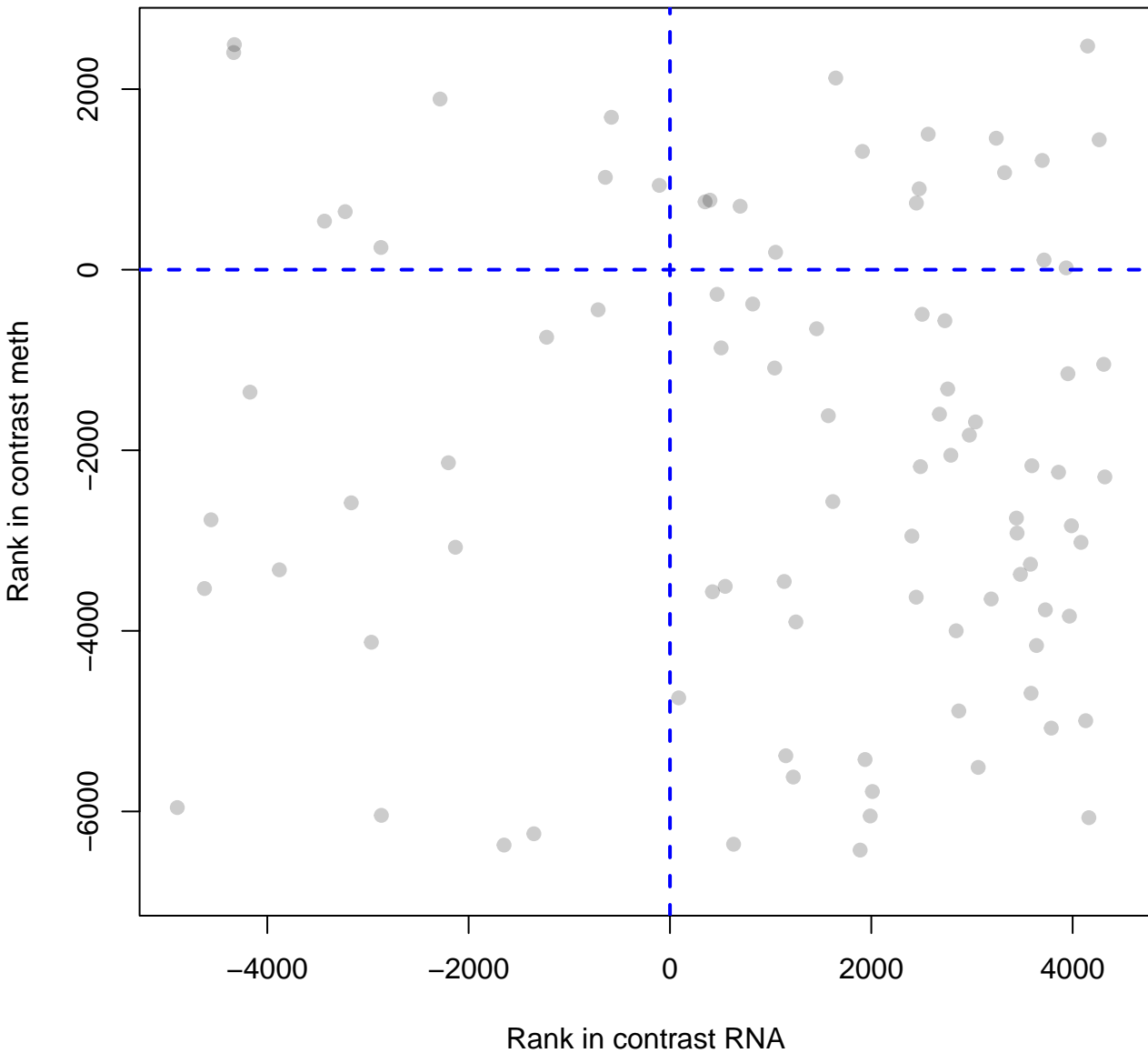
Platelet degranulation



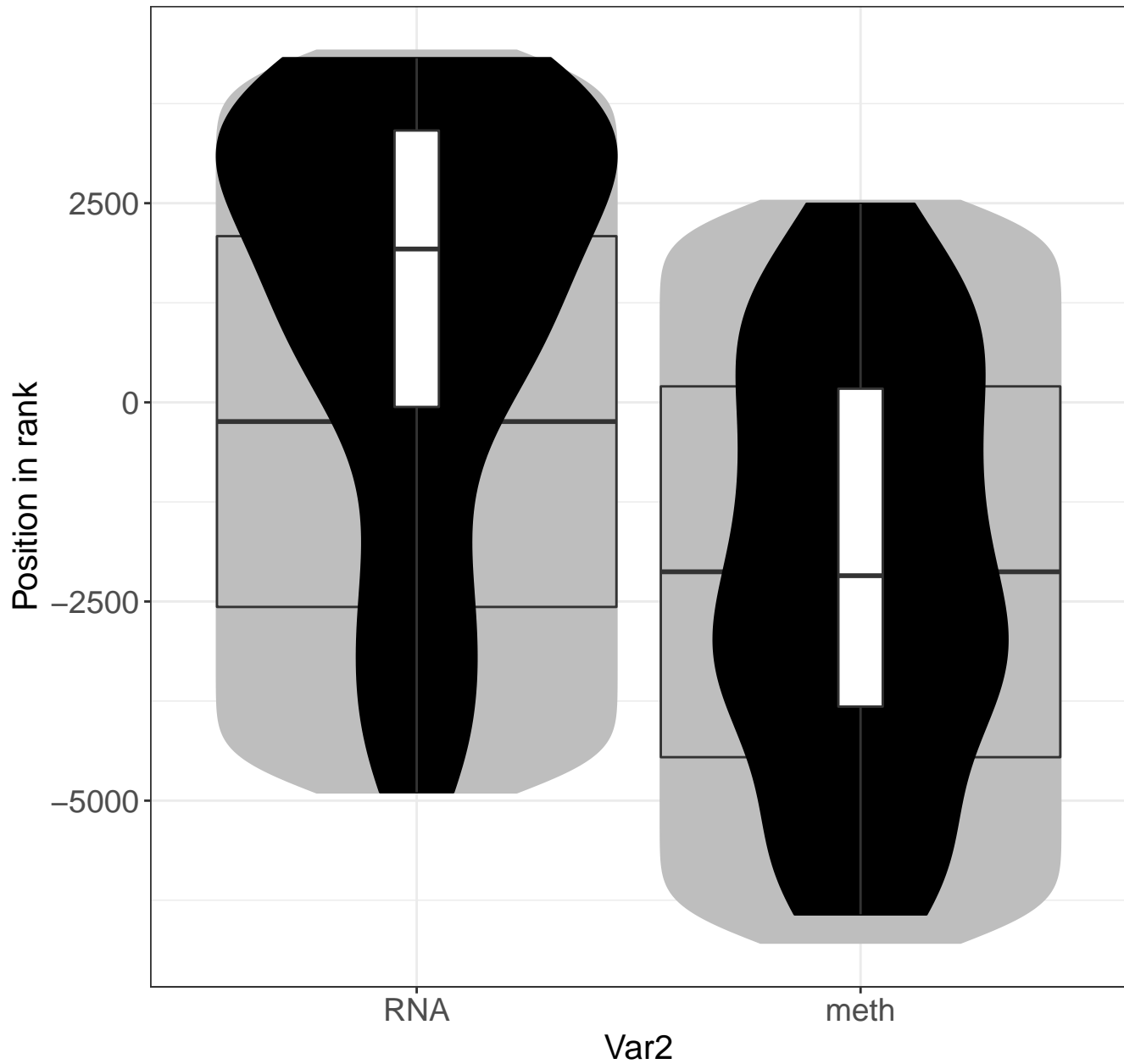
Clathrin-mediated endocytosis



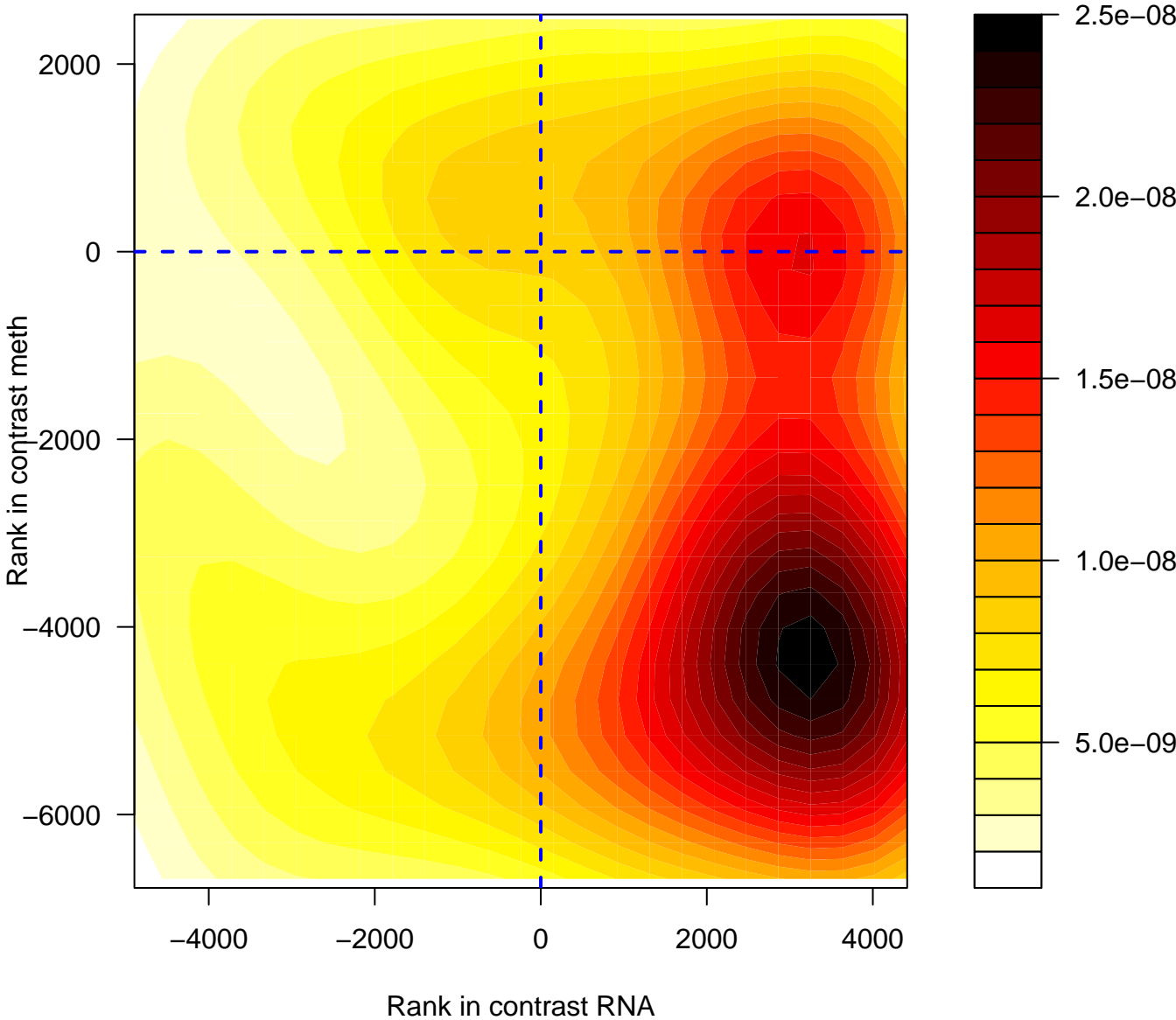
Clathrin-mediated endocytosis



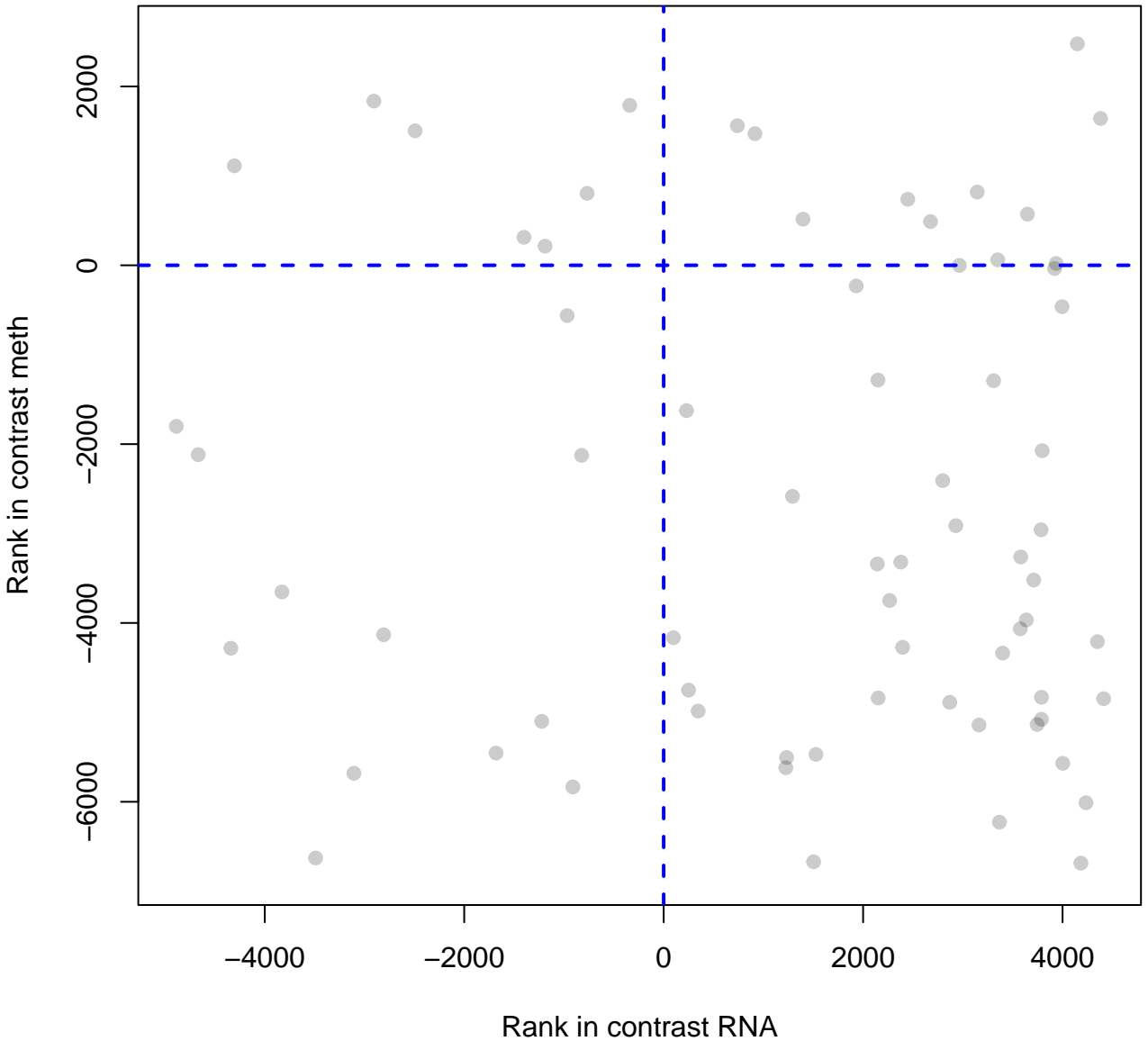
Clathrin-mediated endocytosis



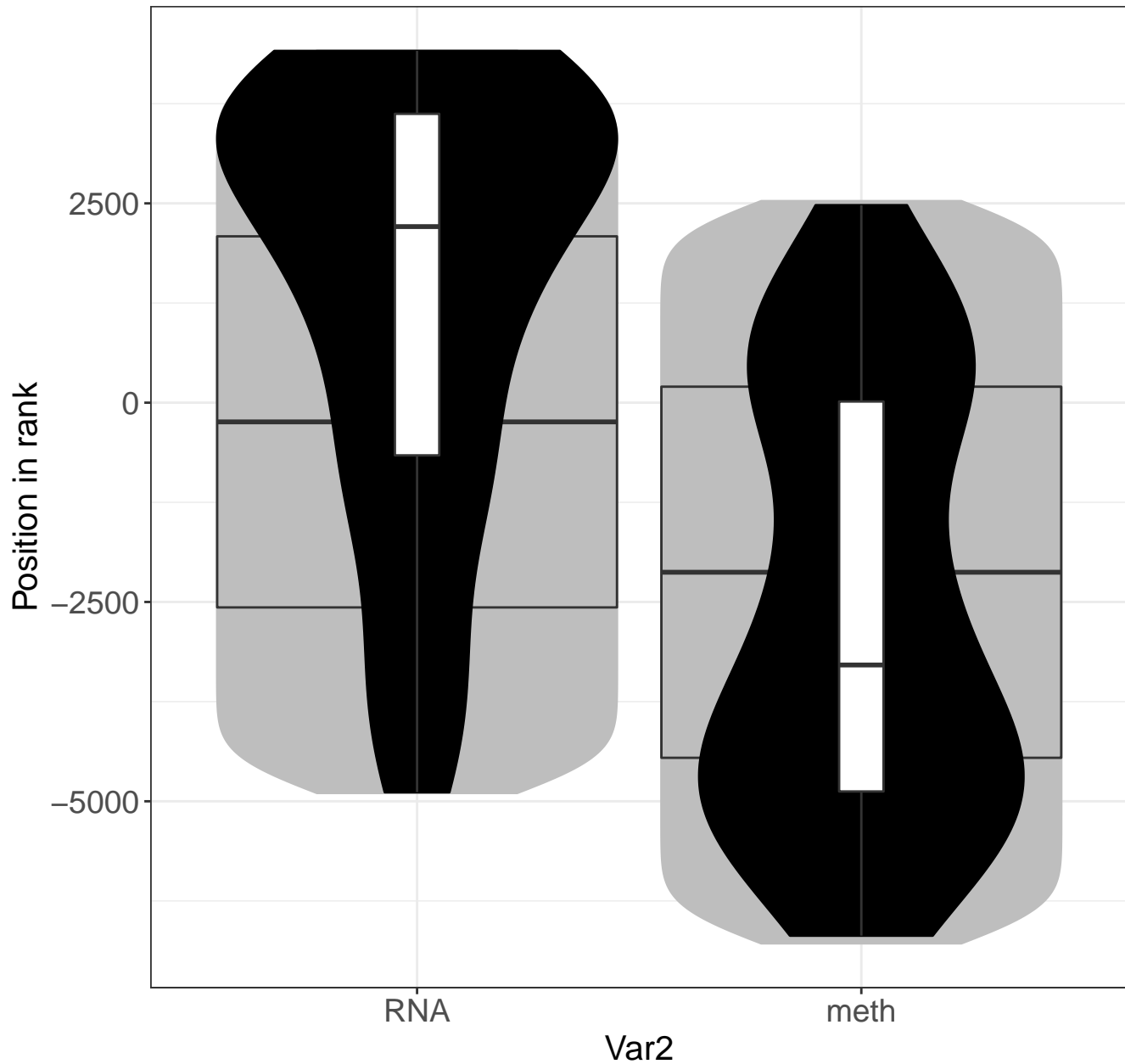
MHC class II antigen presentation



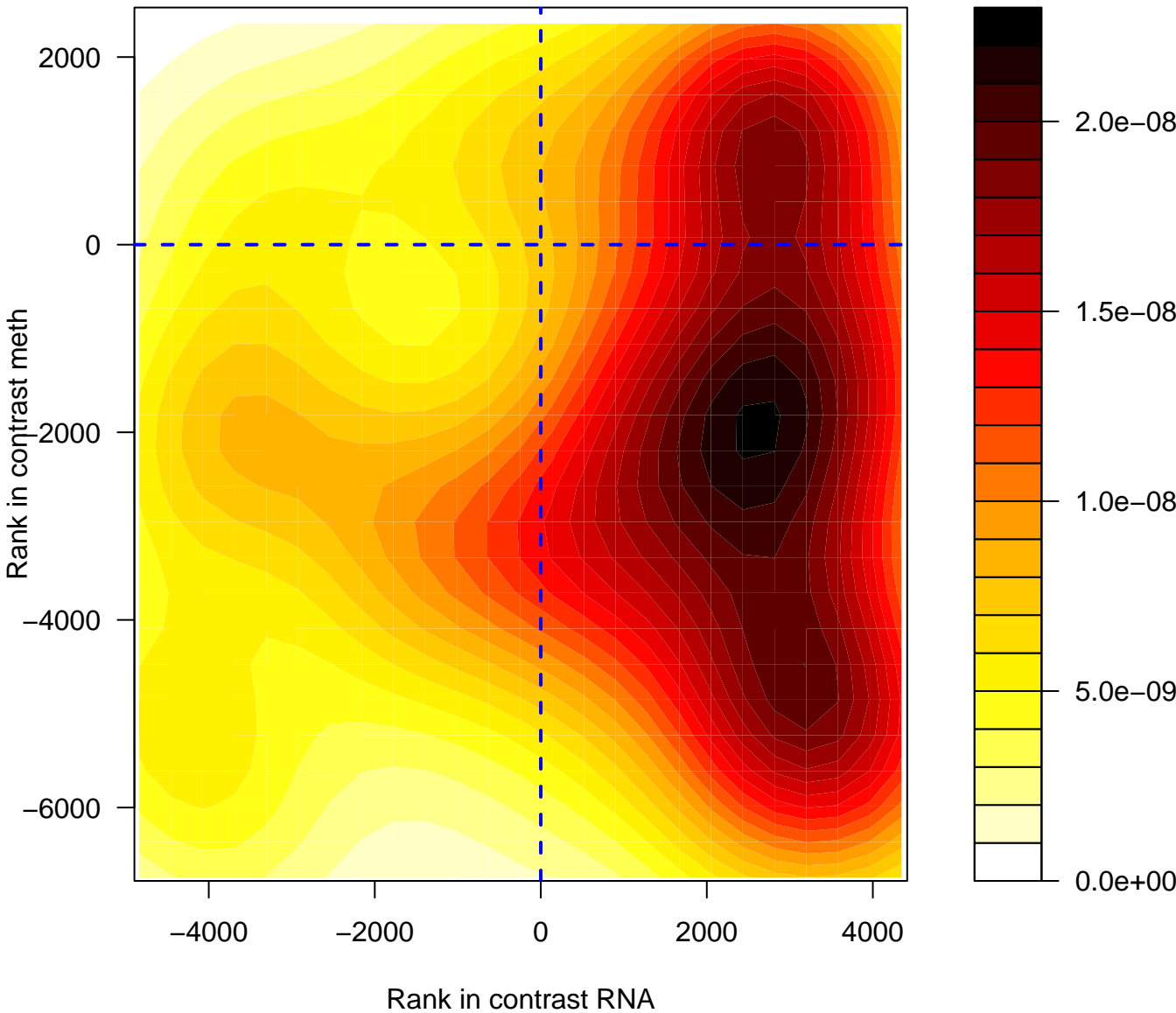
MHC class II antigen presentation



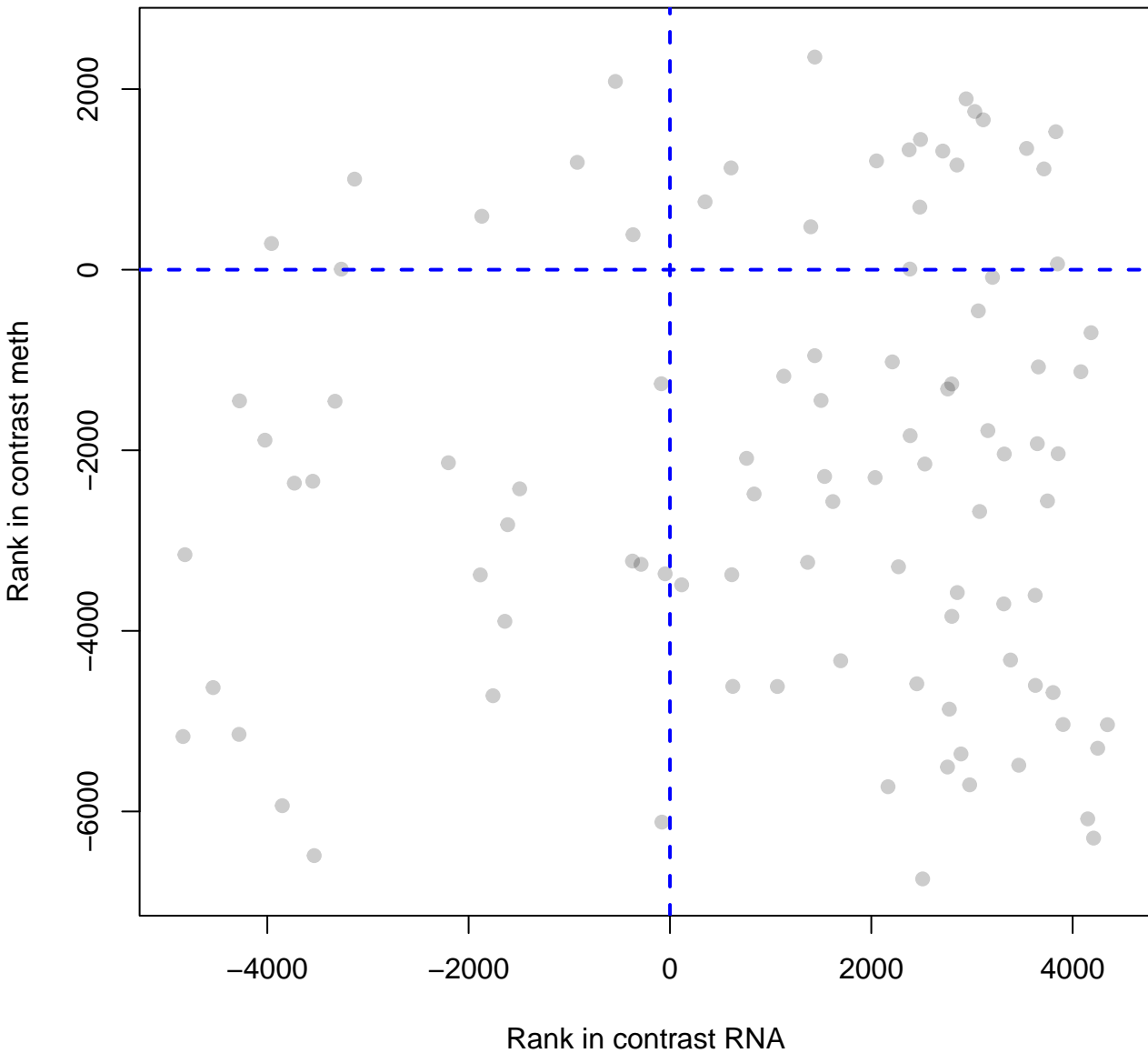
MHC class II antigen presentation



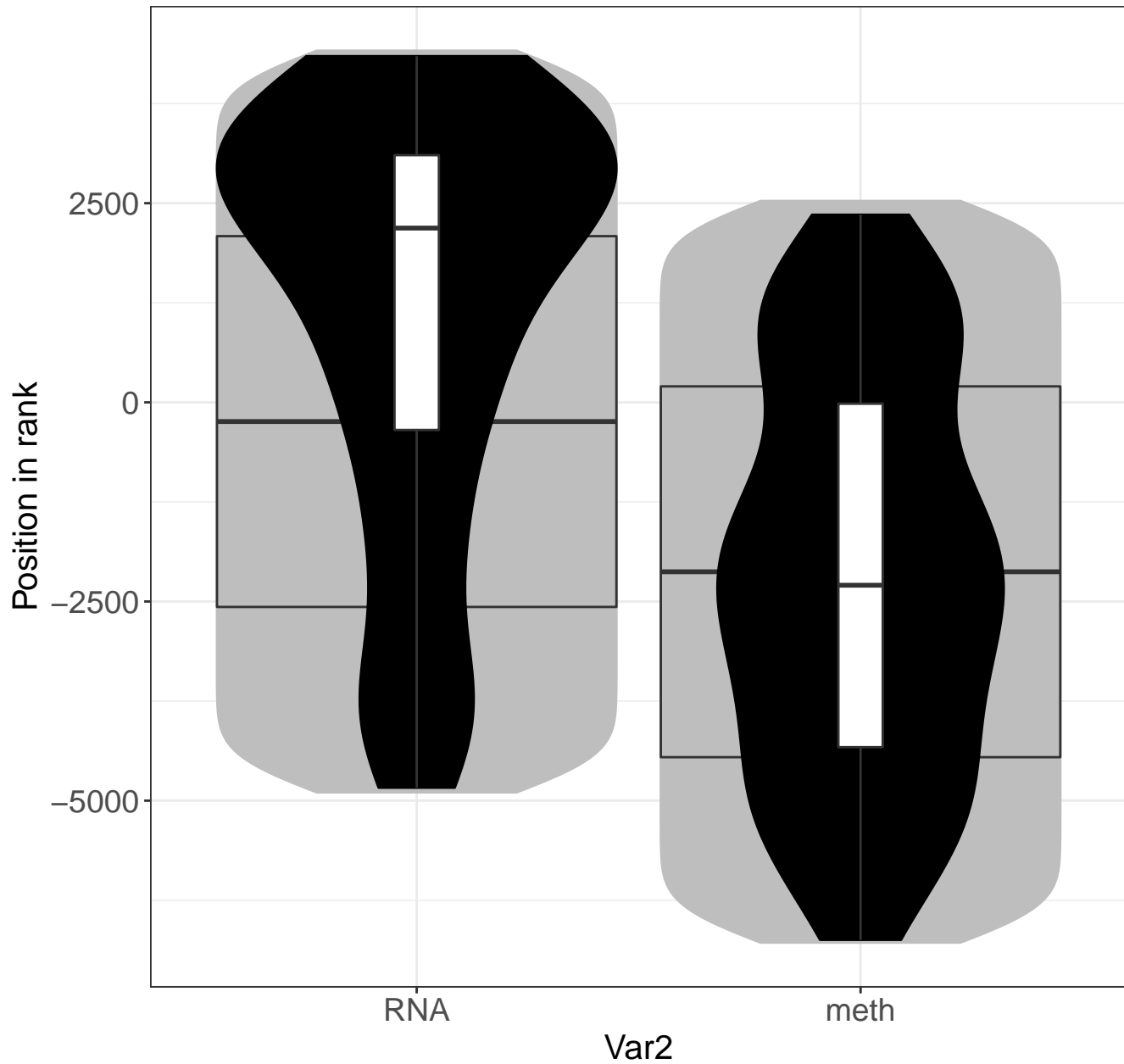
Interleukin-1 family signaling



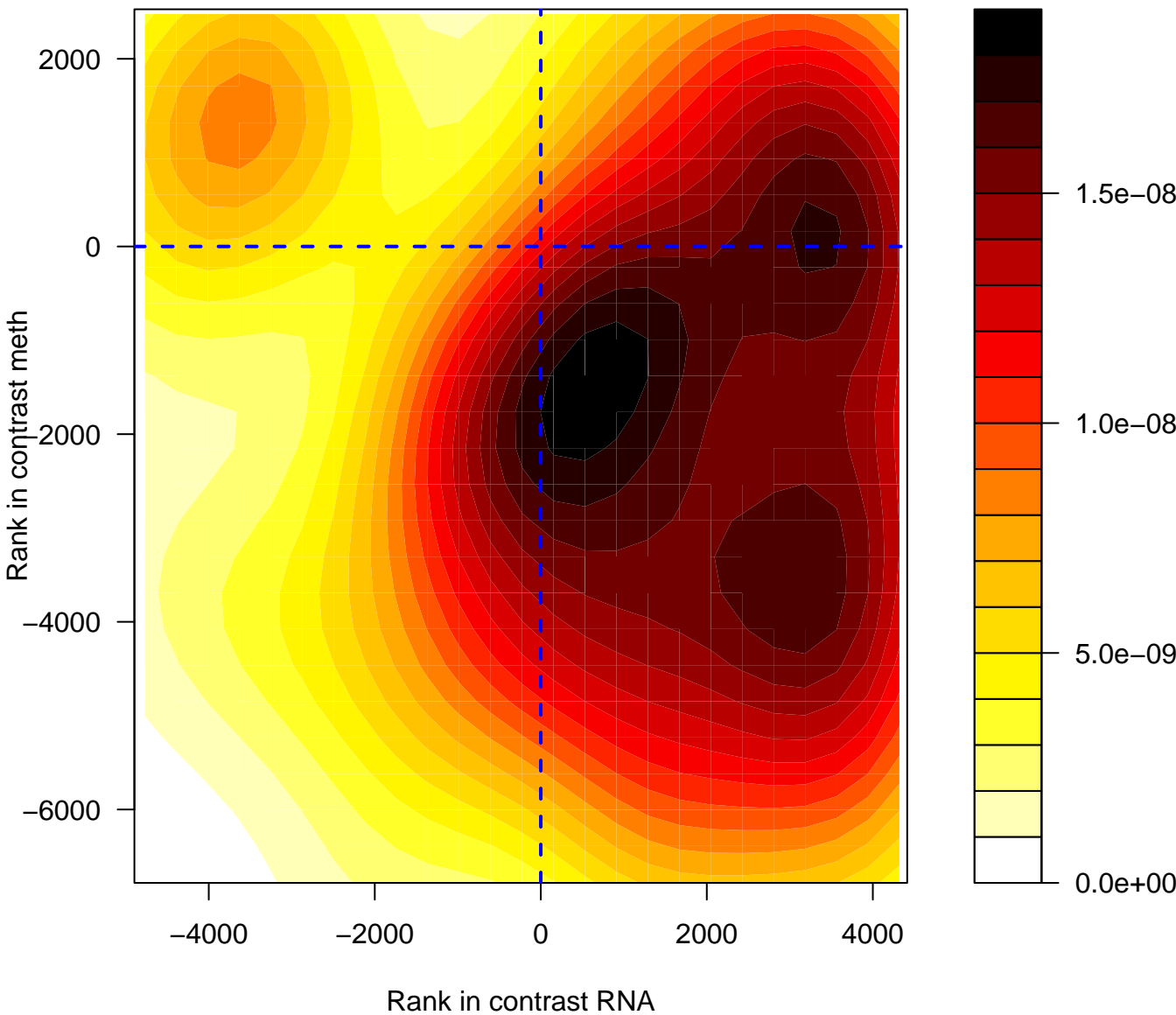
Interleukin-1 family signaling



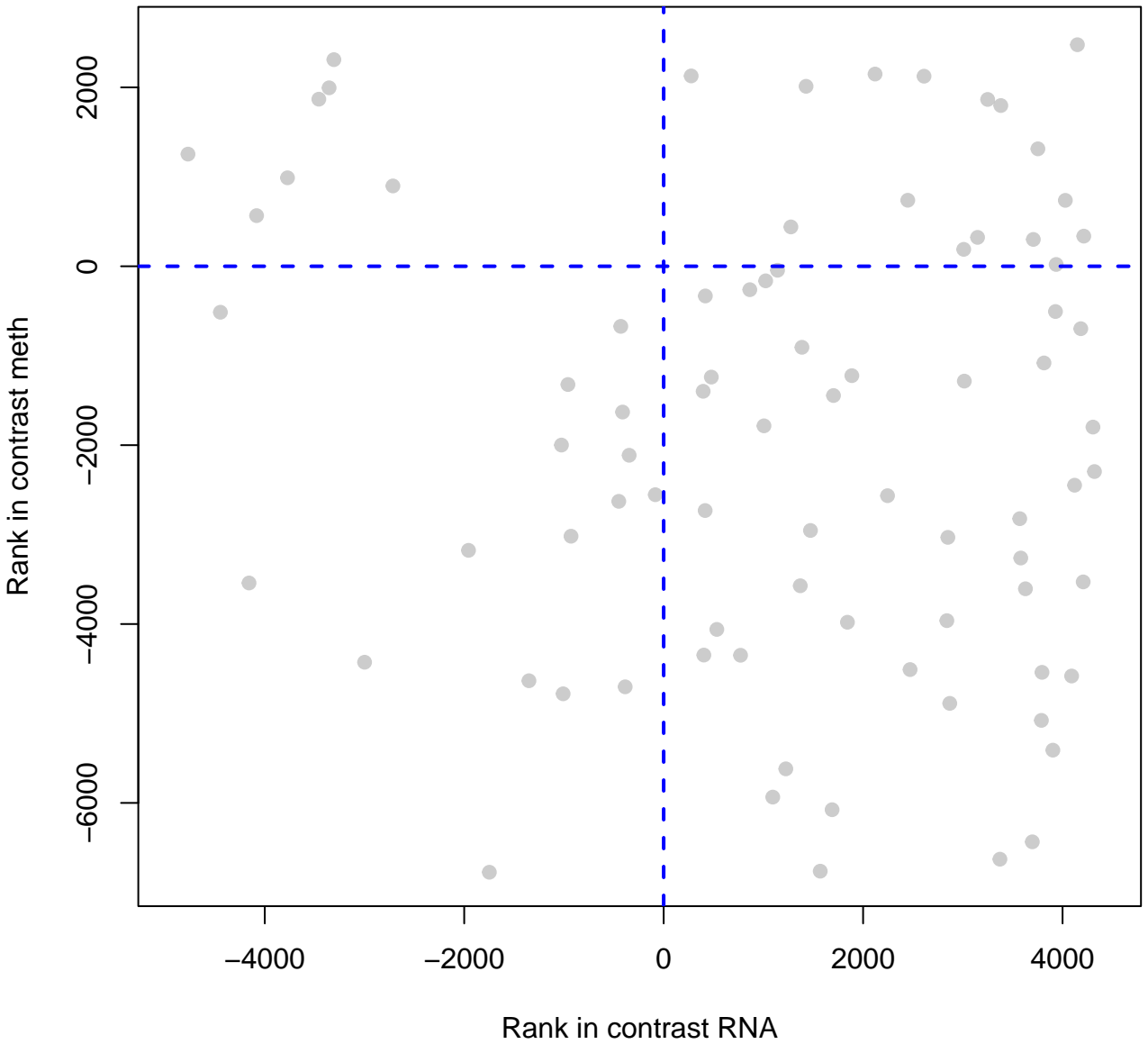
Interleukin-1 family signaling



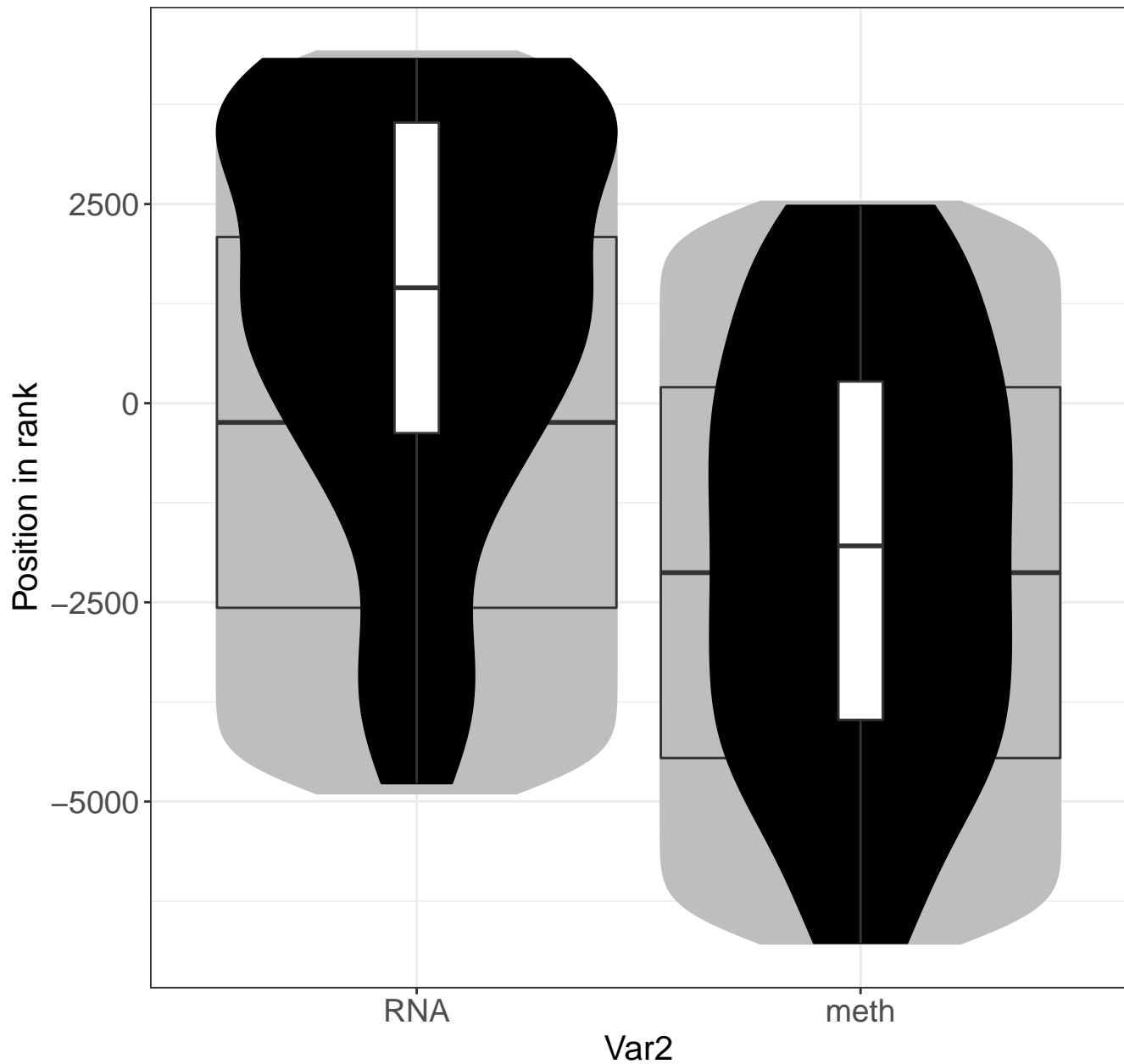
Signaling by NTRK1 (TRKA)



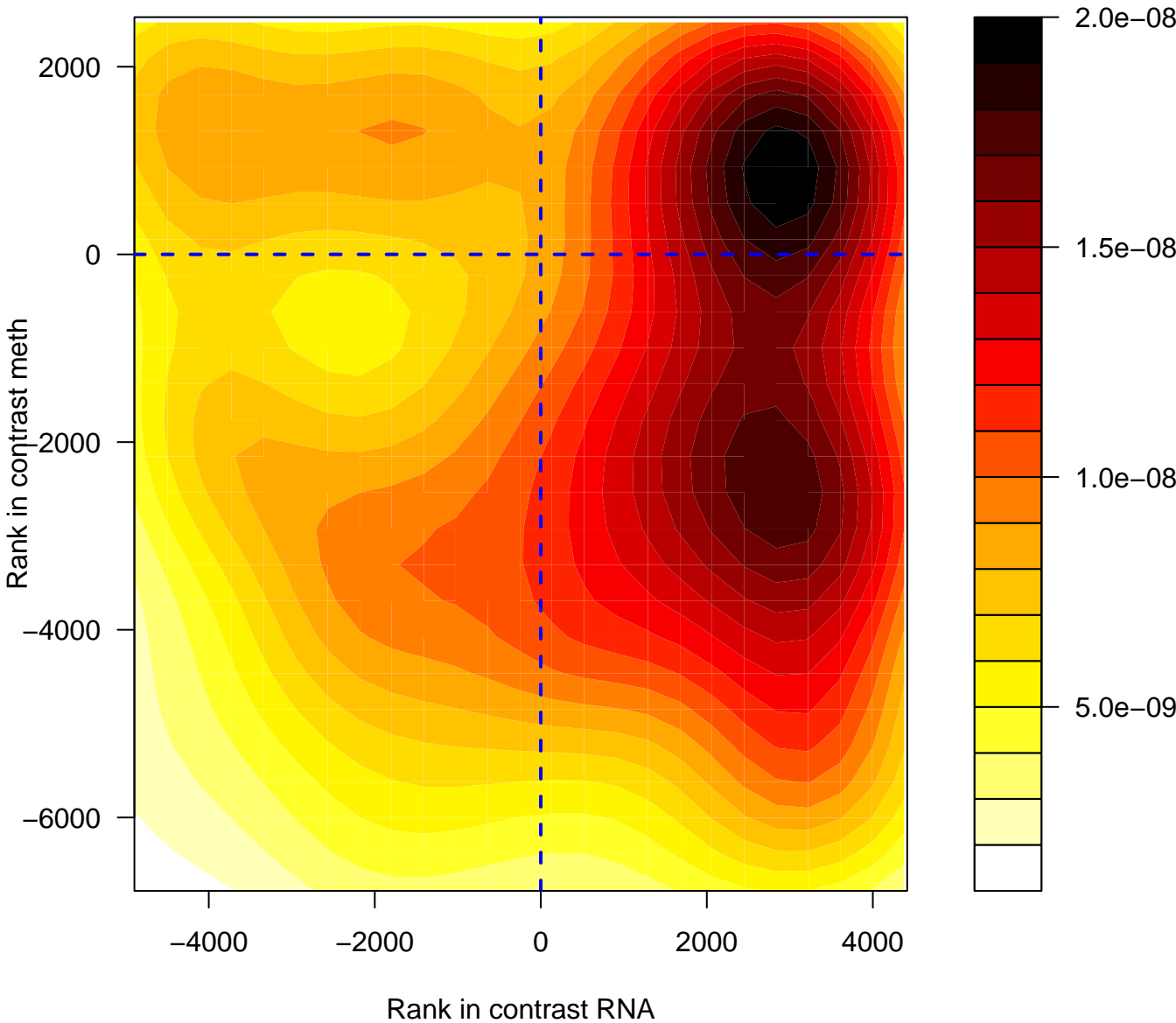
Signaling by NTRK1 (TRKA)



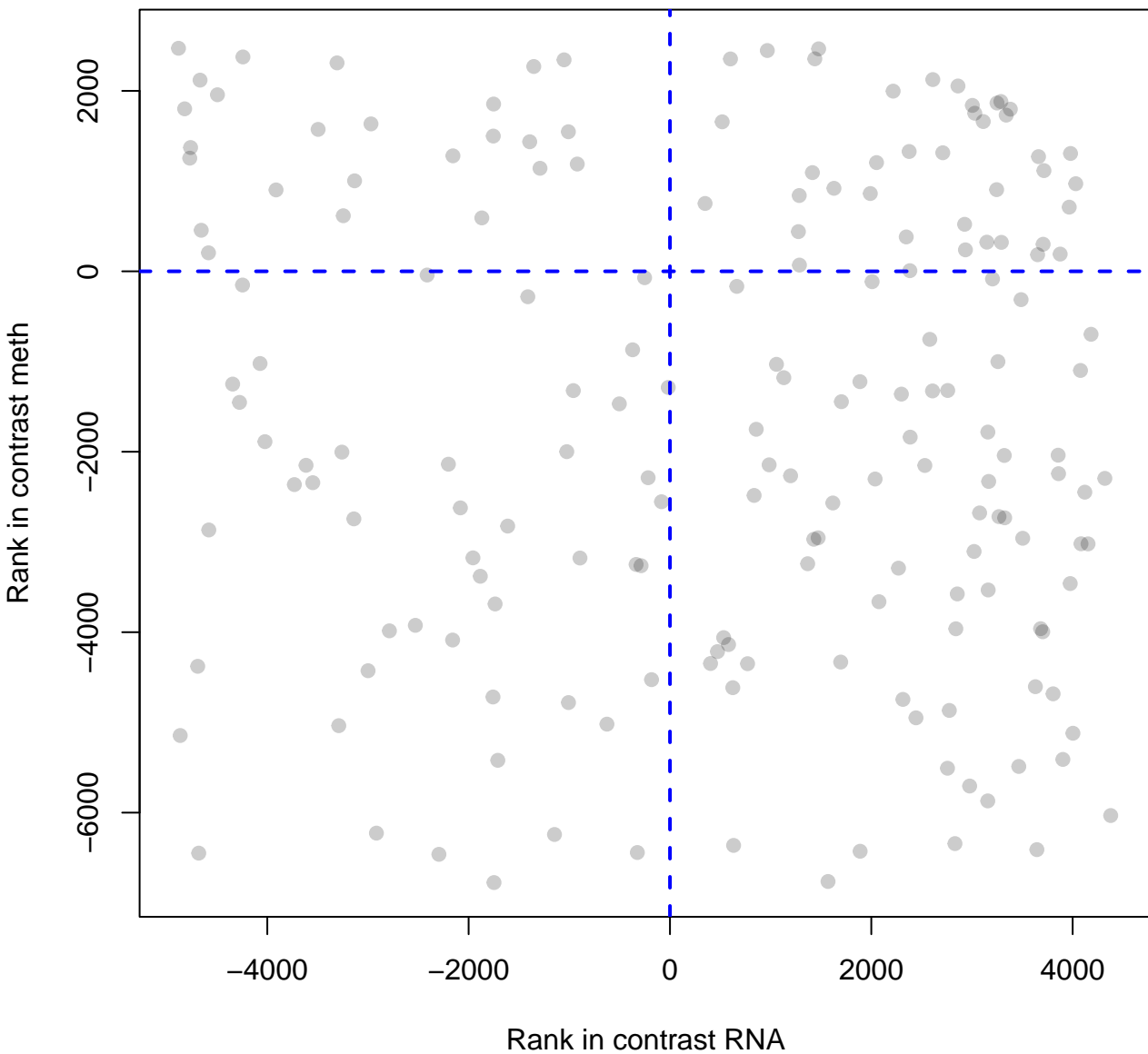
Signaling by NTRK1 (TRKA)



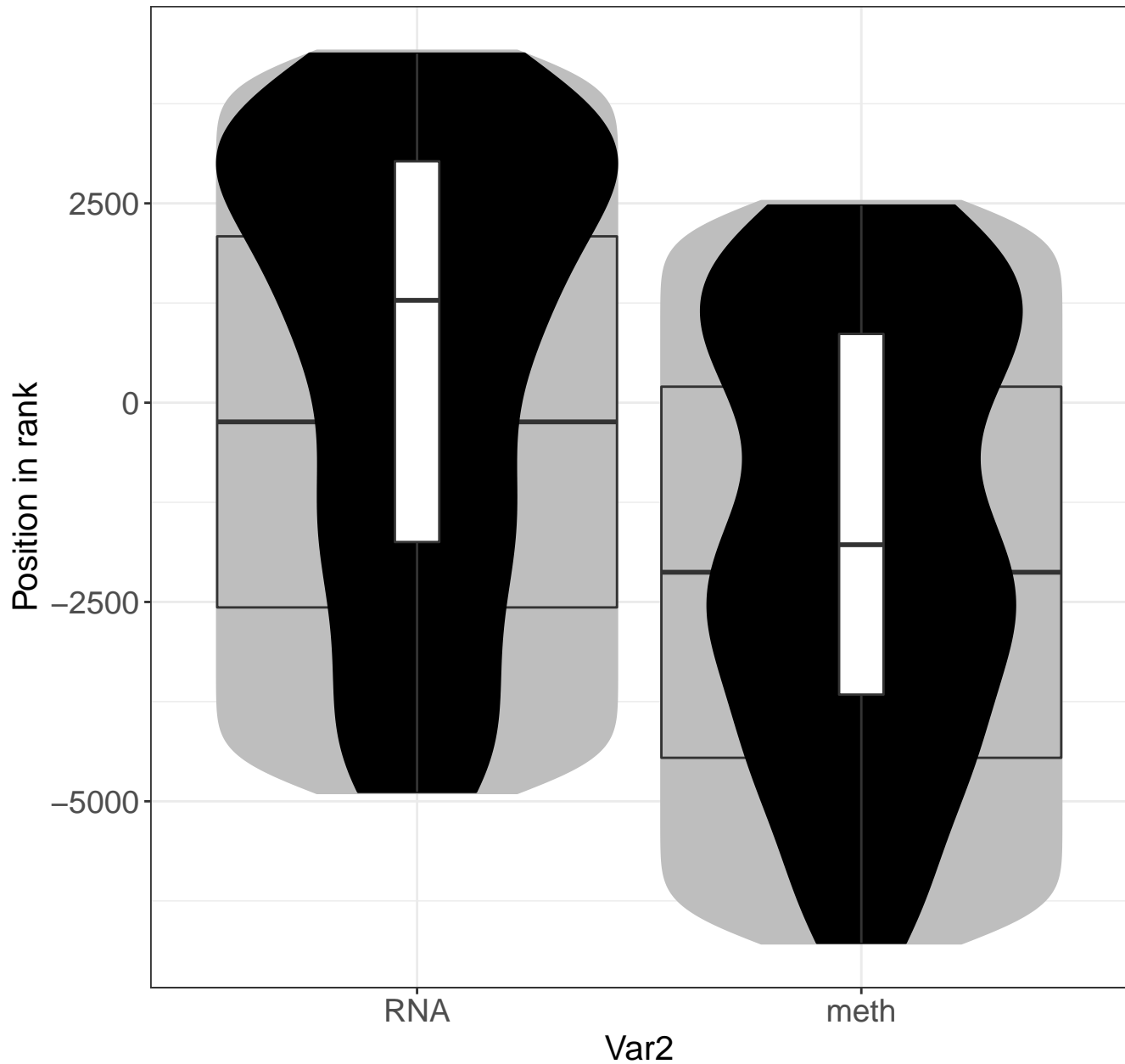
MAPK family signaling cascades



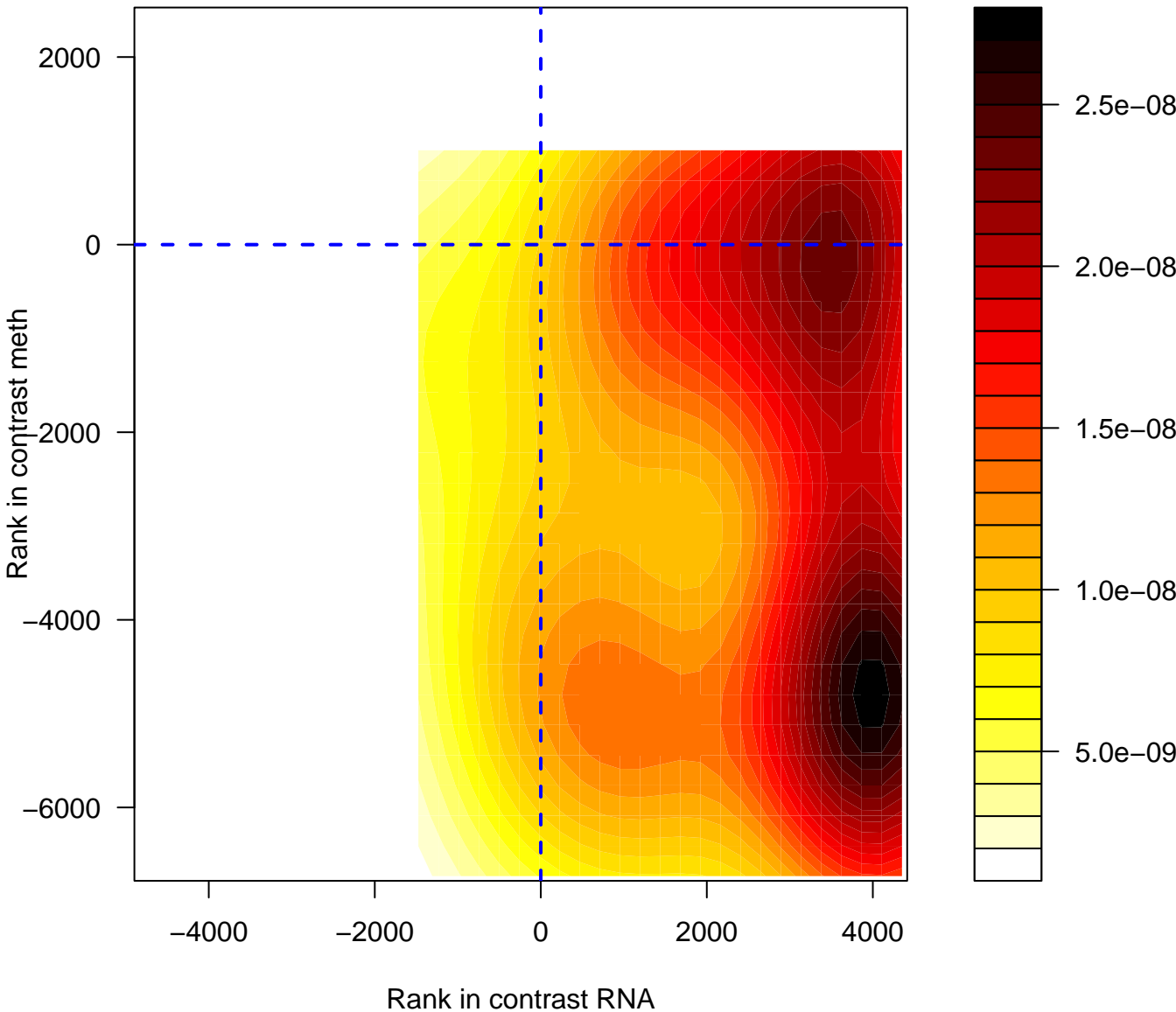
MAPK family signaling cascades



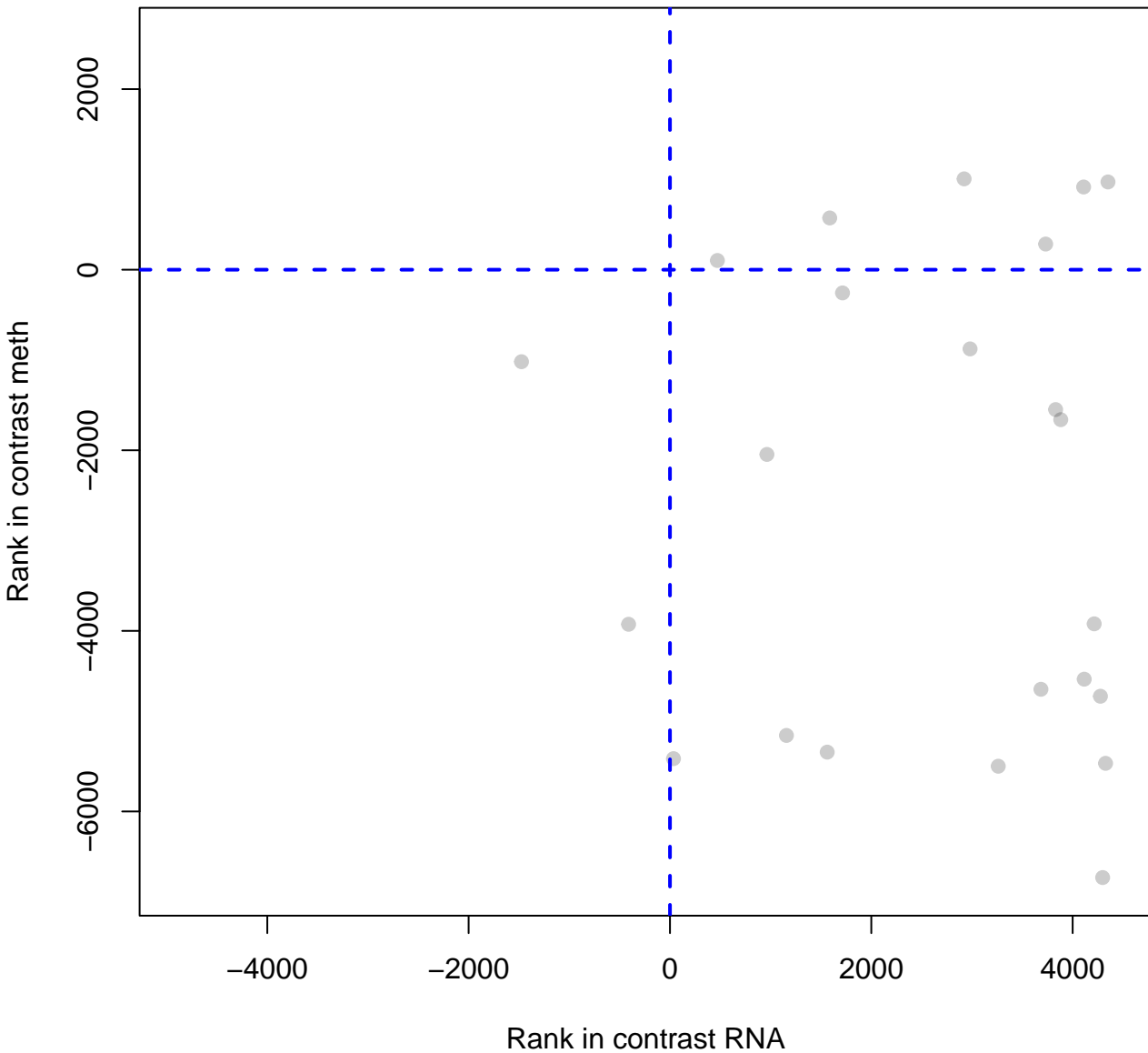
MAPK family signaling cascades



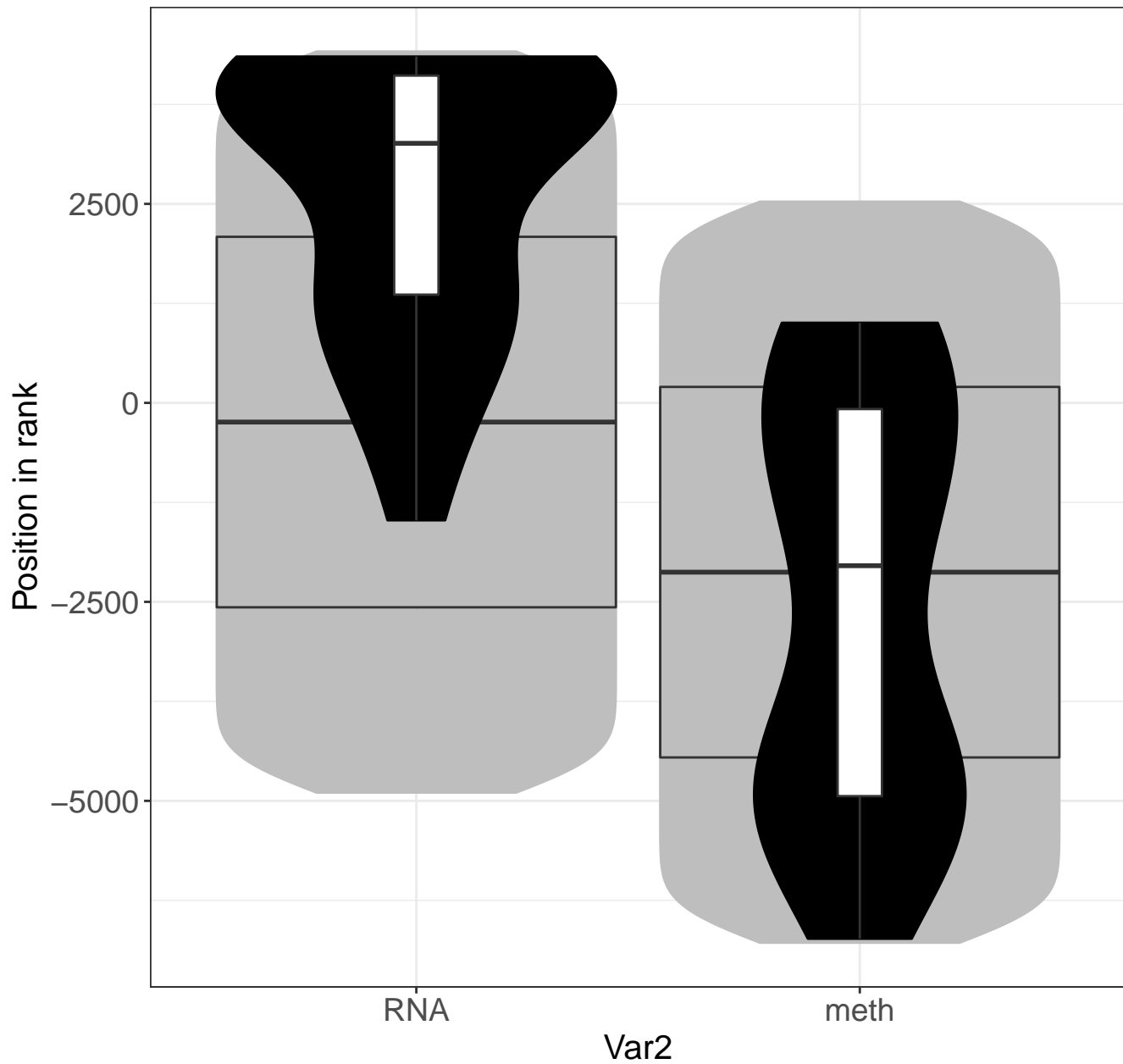
Detoxification of Reactive Oxygen Species



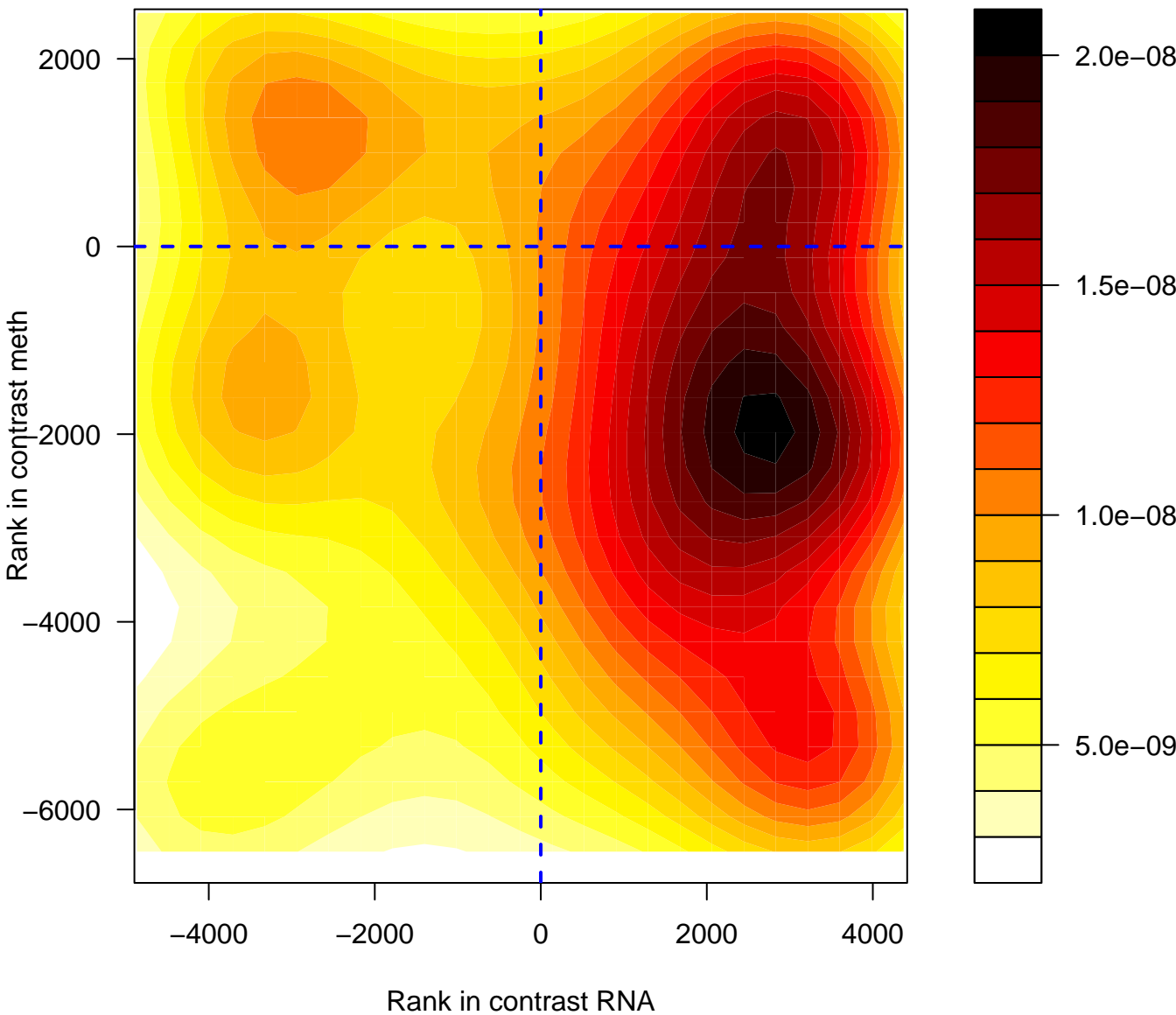
Detoxification of Reactive Oxygen Species



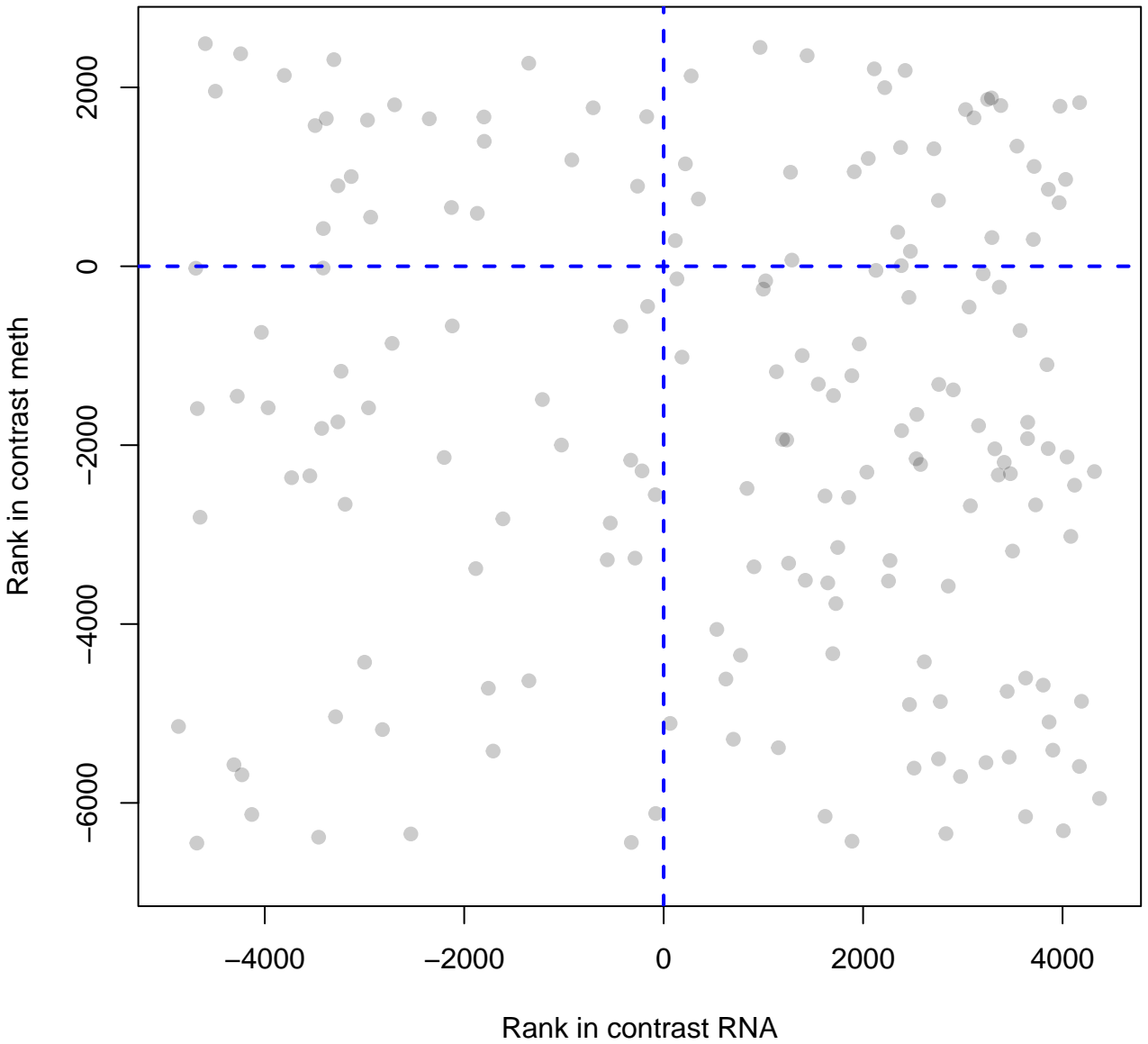
Detoxification of Reactive Oxygen Species



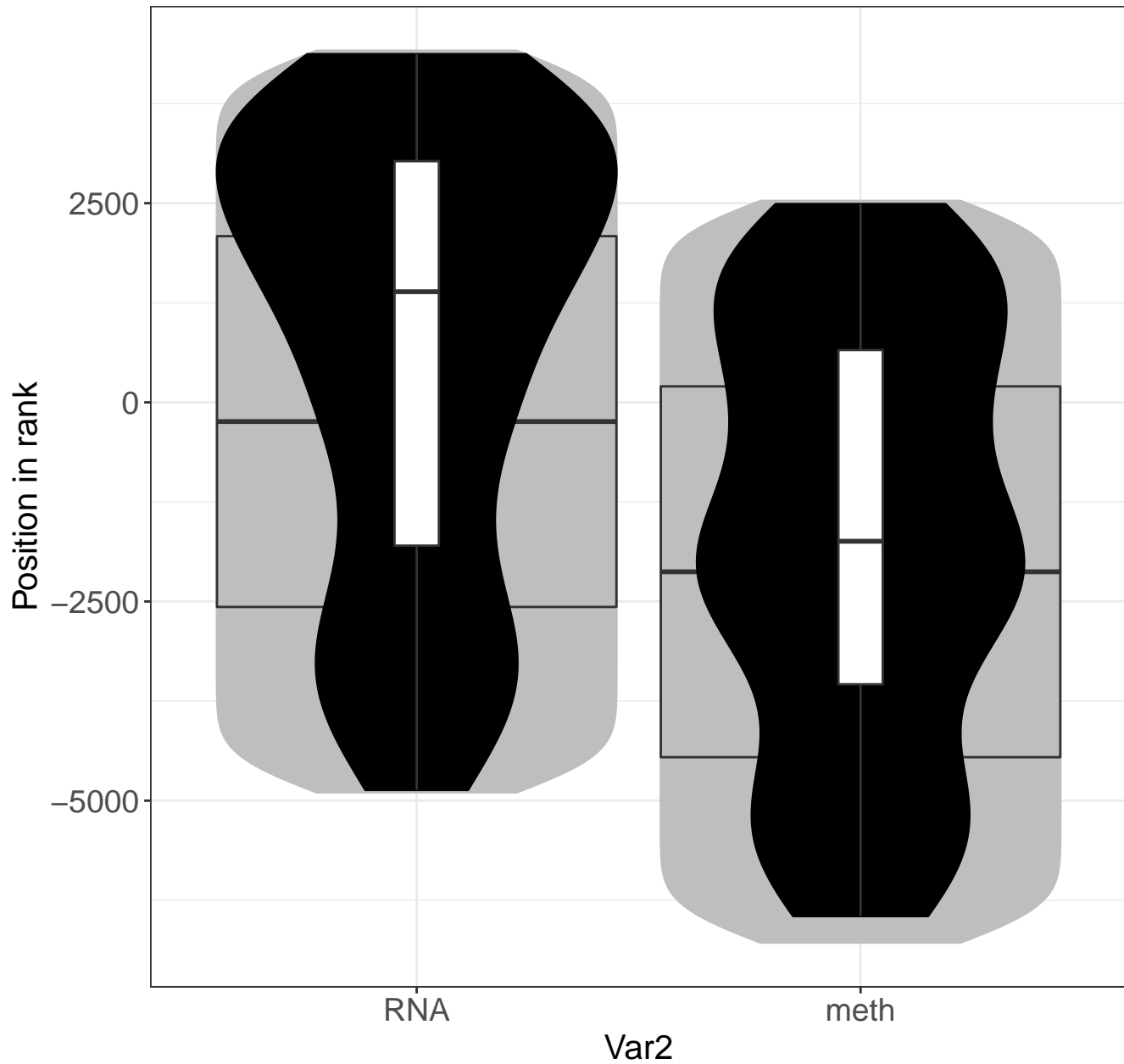
PIP3 activates AKT signaling



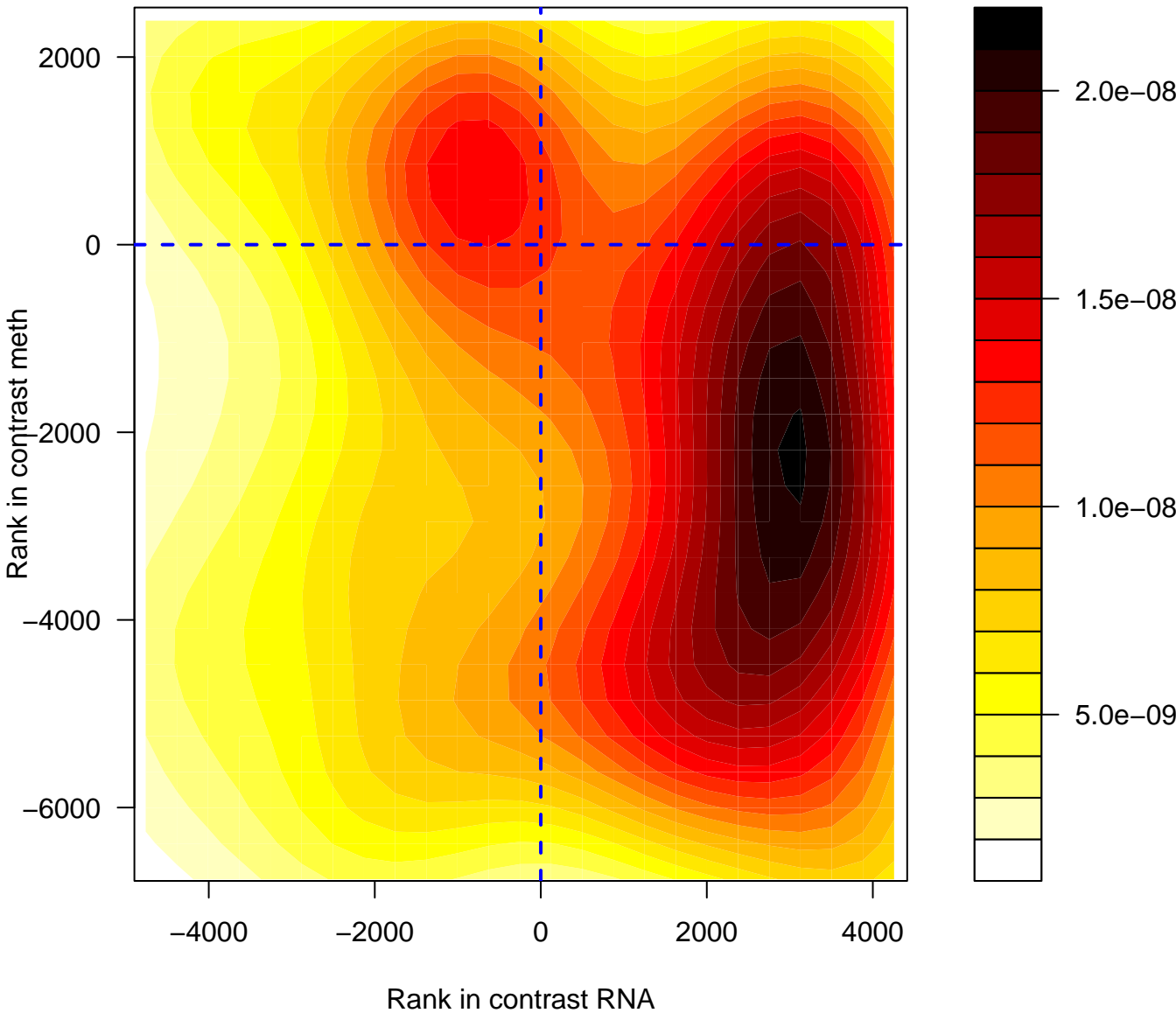
PIP3 activates AKT signaling



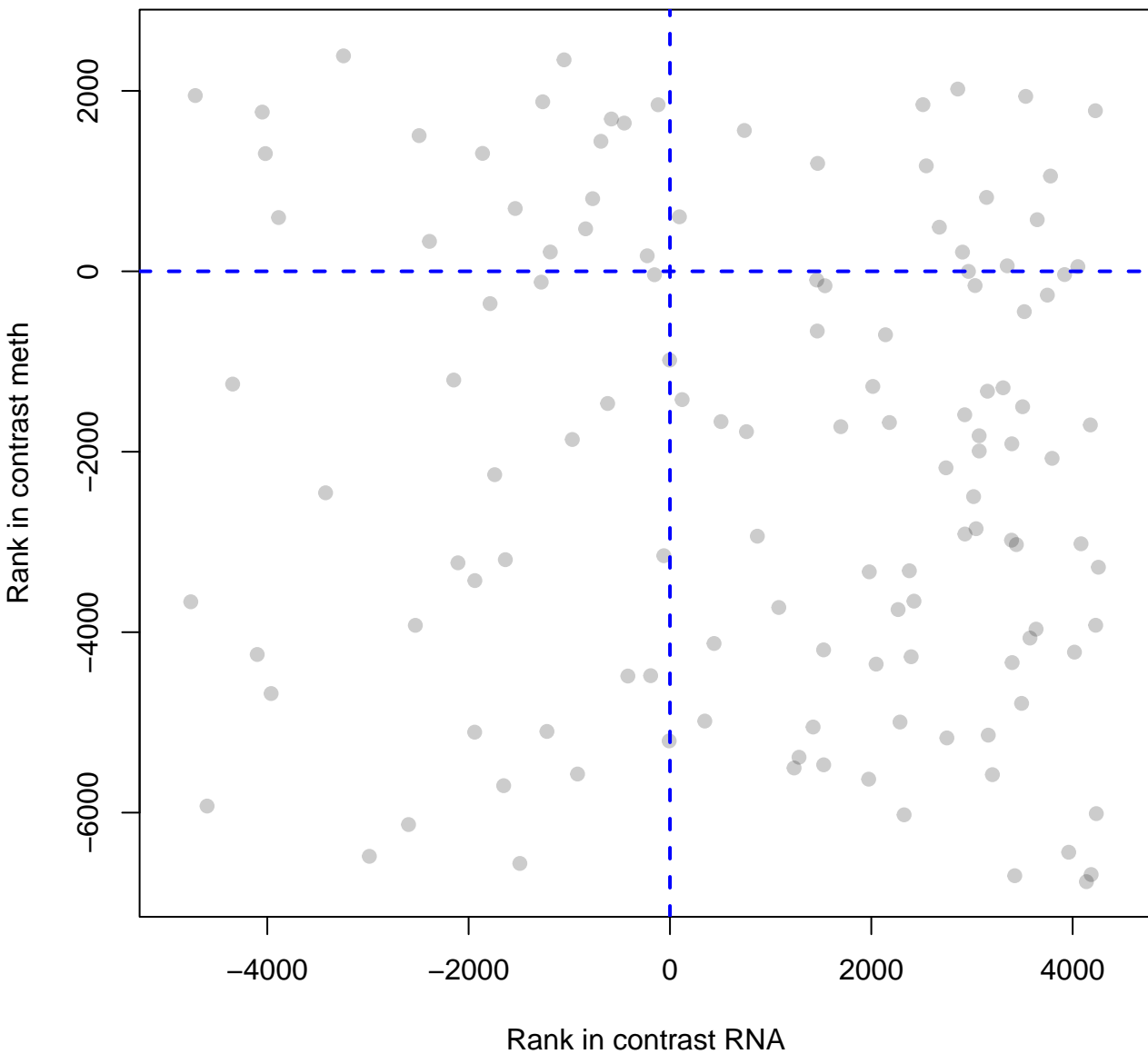
PIP3 activates AKT signaling



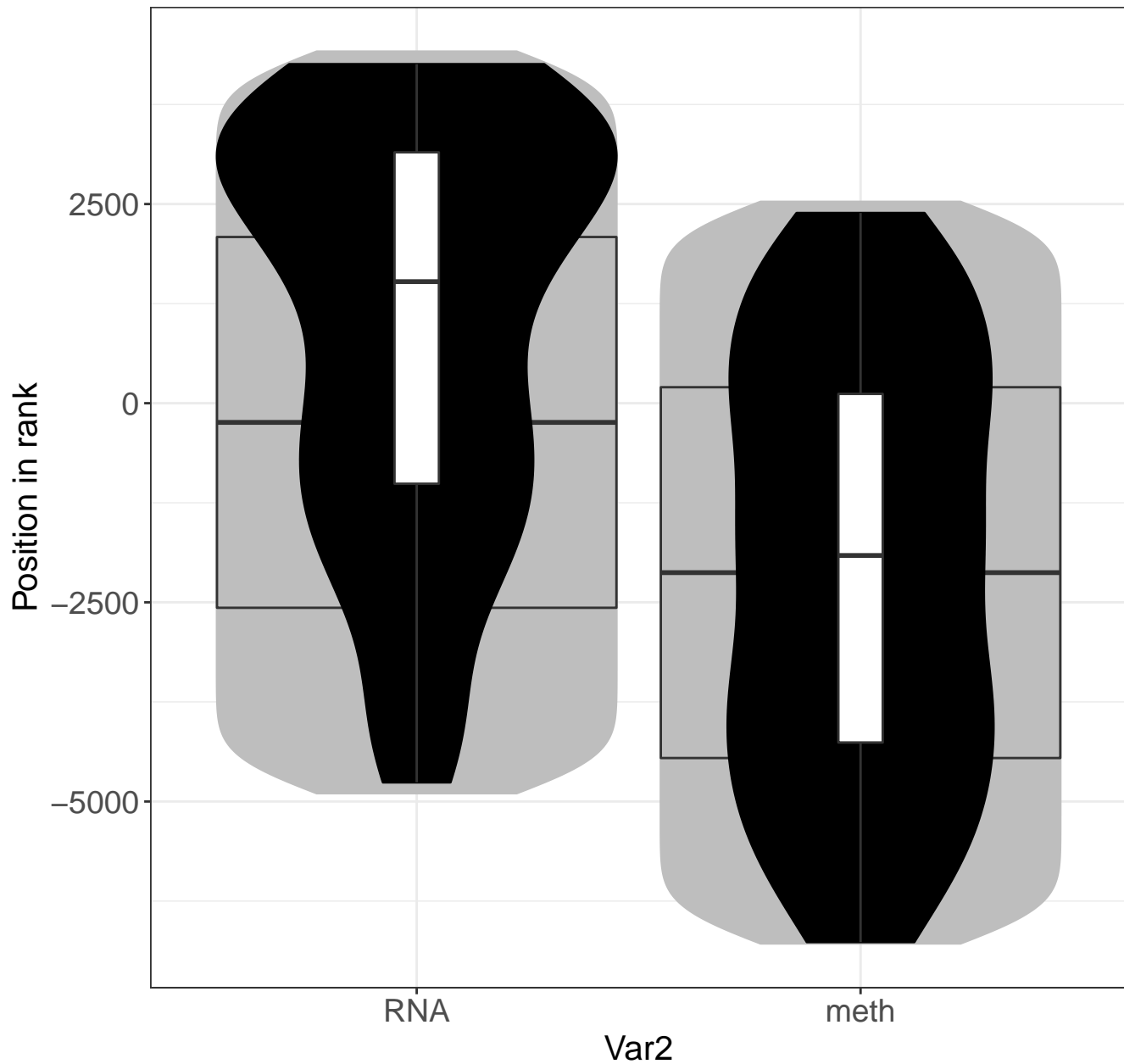
Transport to the Golgi and subsequent modification



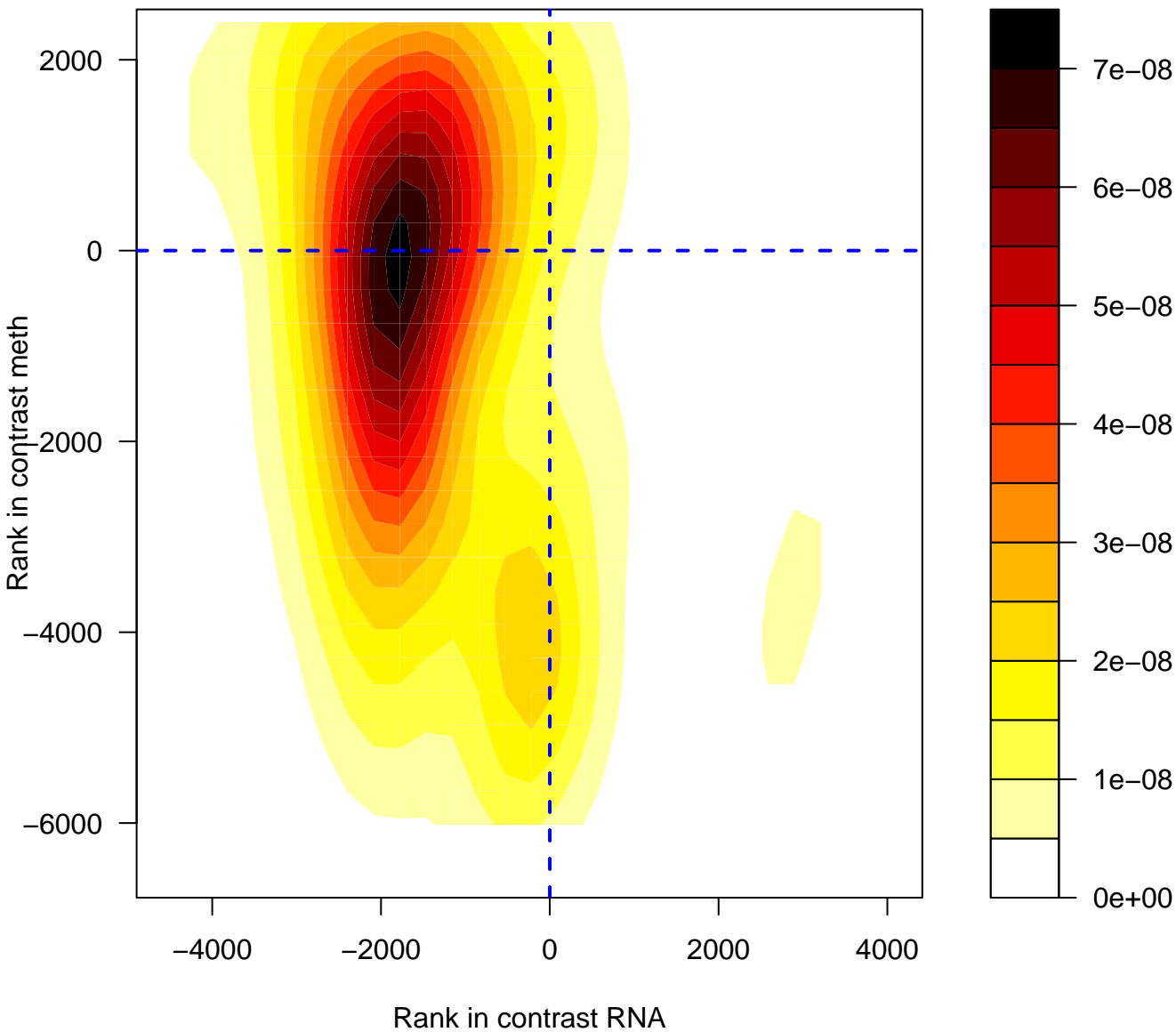
Transport to the Golgi and subsequent modification



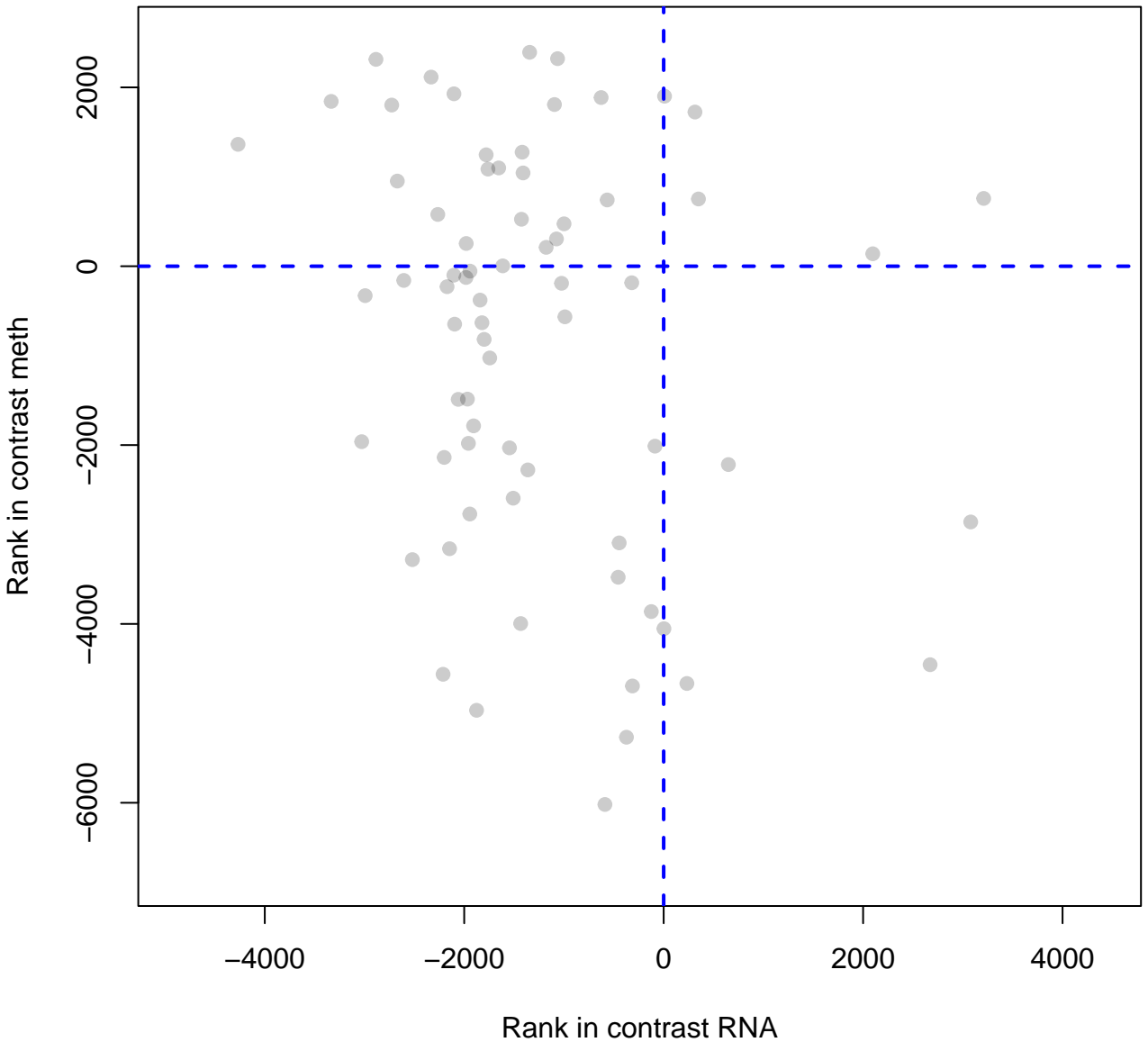
Transport to the Golgi and subsequent modification



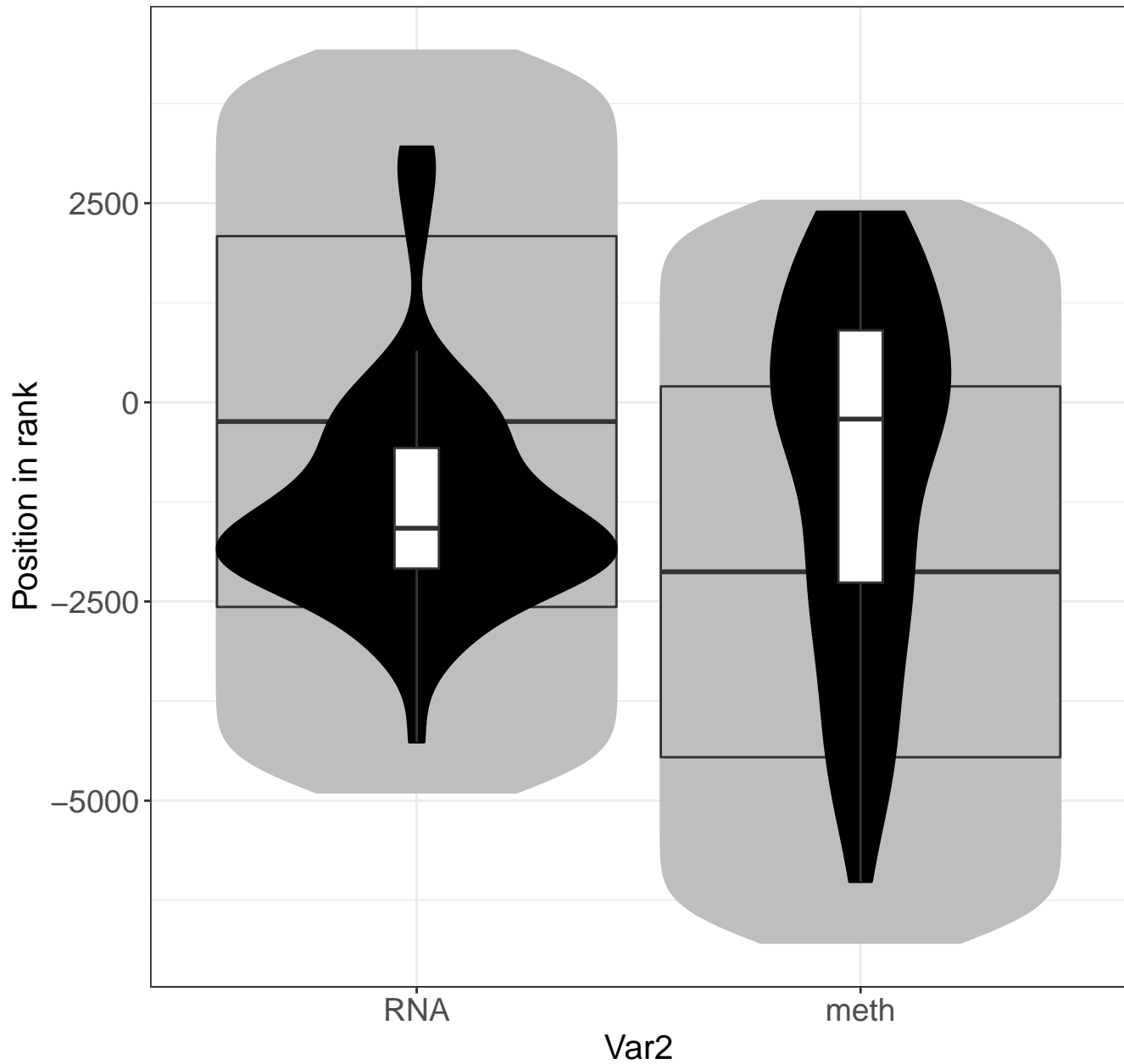
Eukaryotic Translation Termination



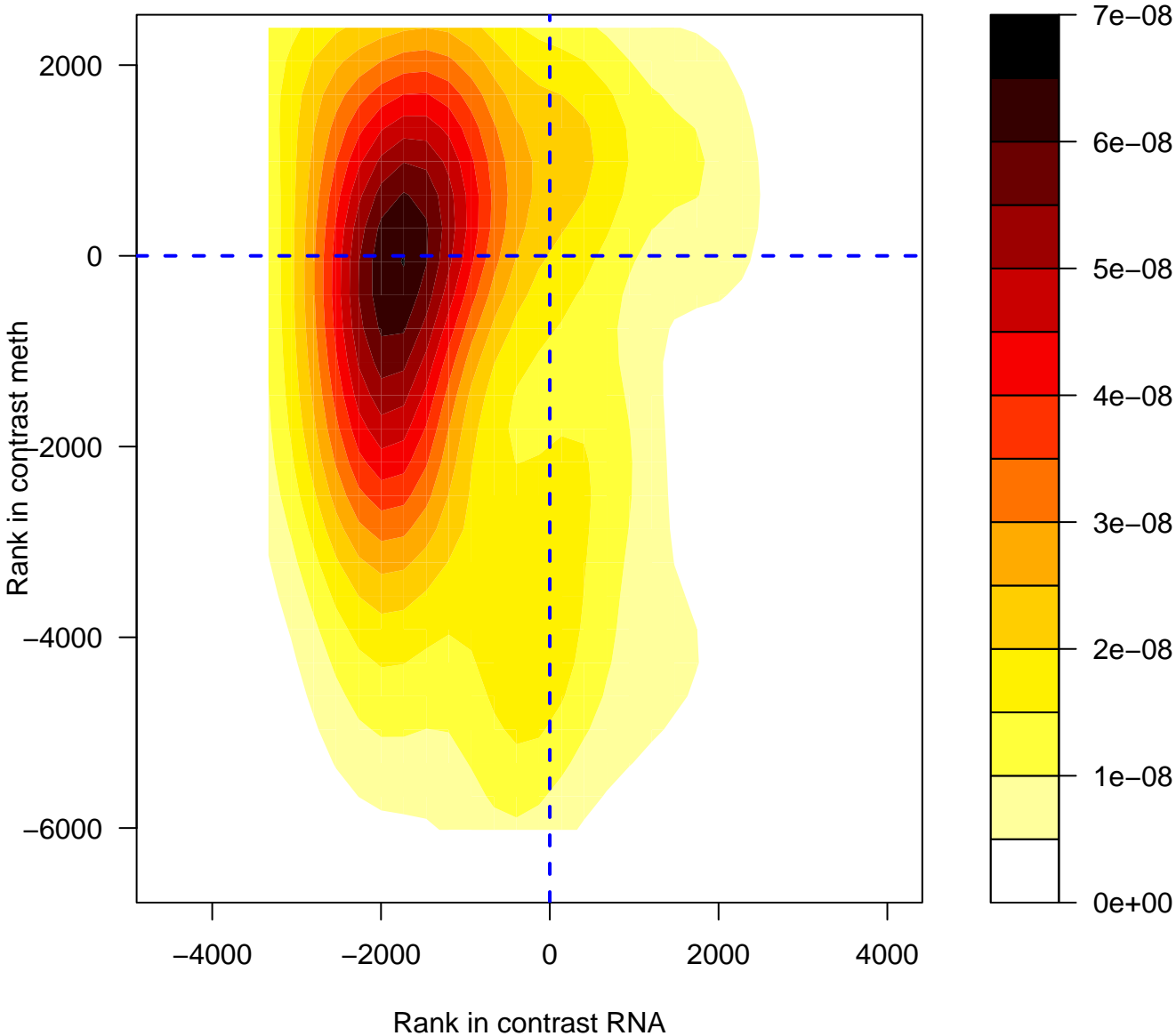
Eukaryotic Translation Termination



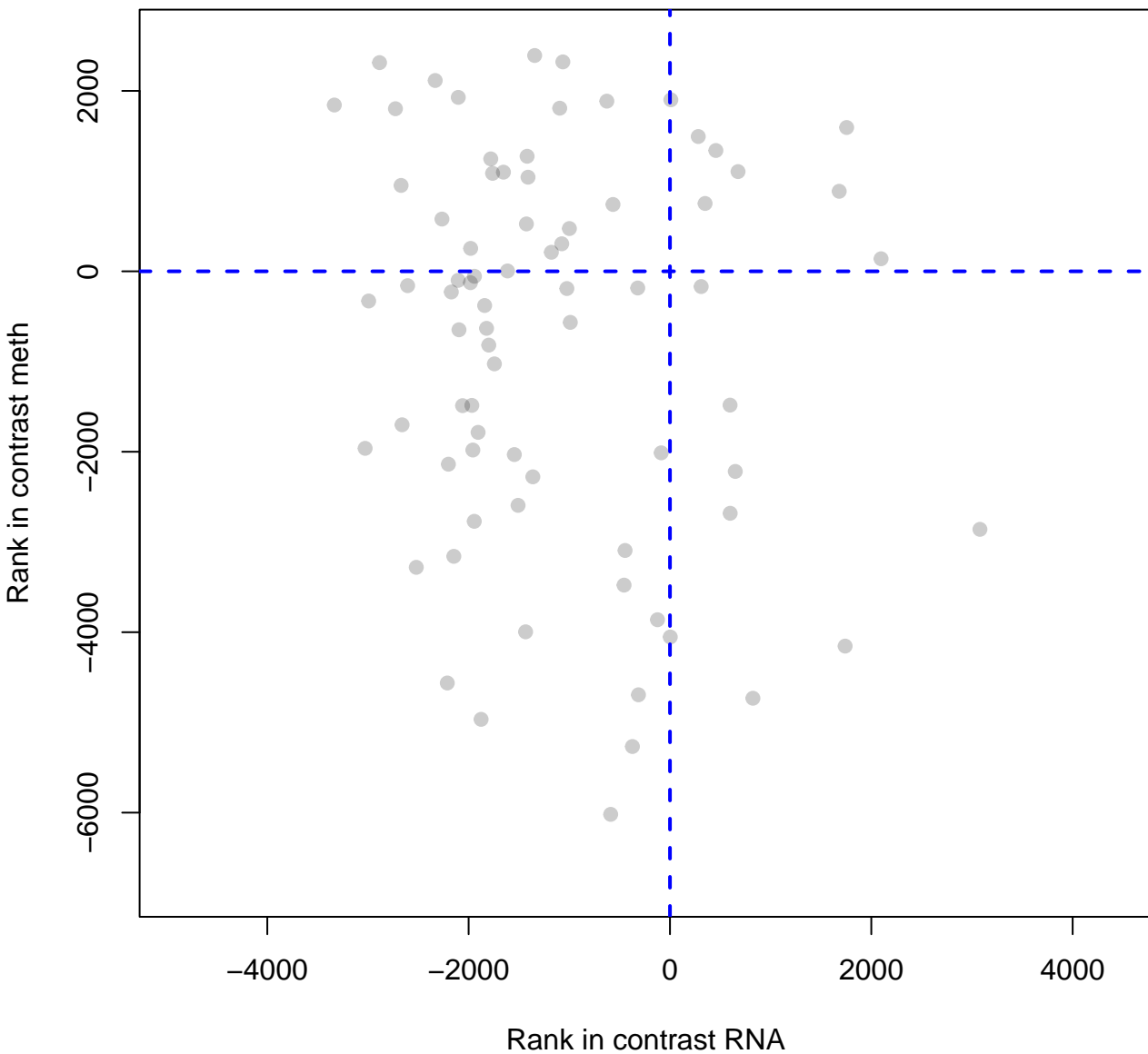
Eukaryotic Translation Termination



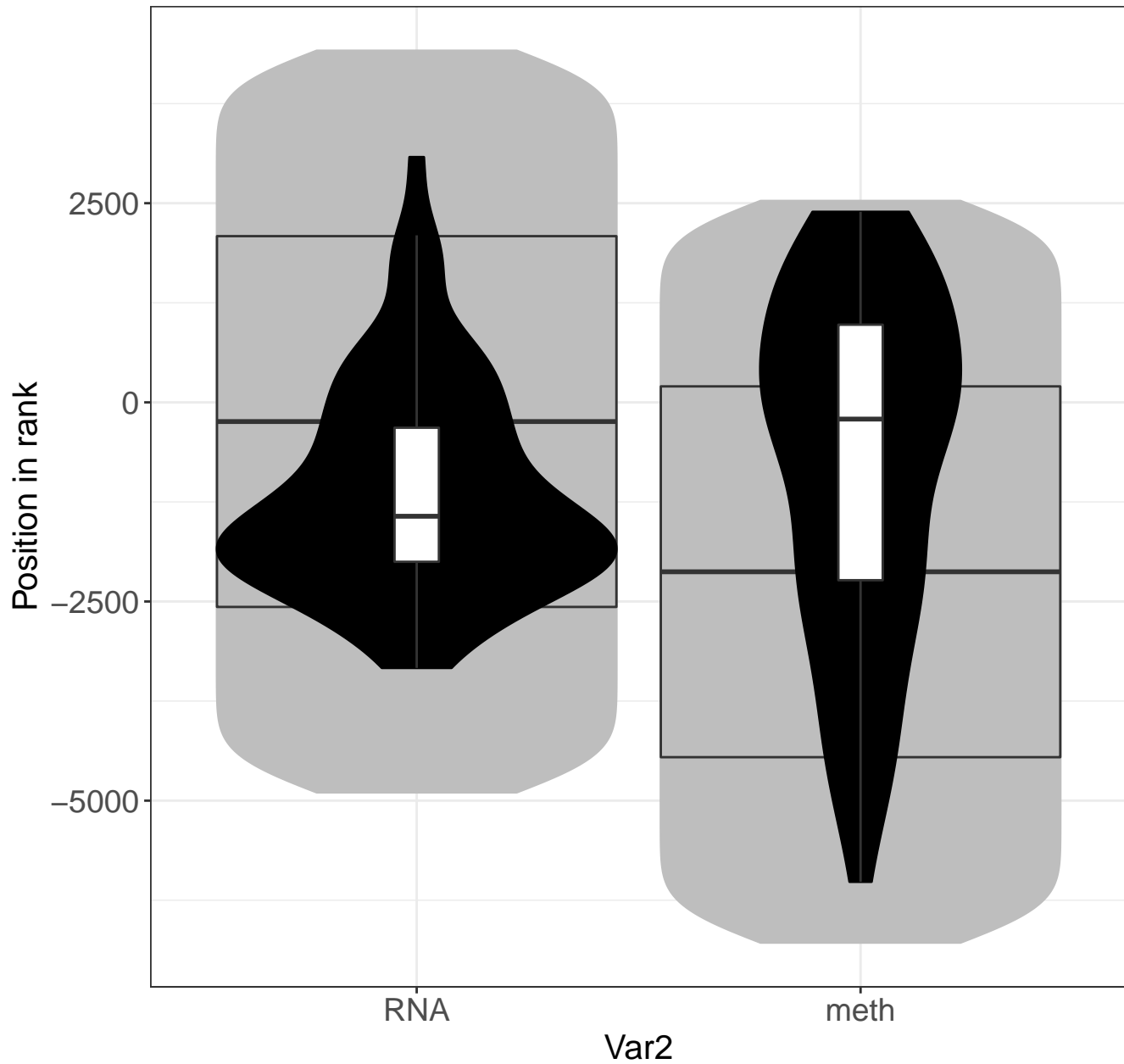
Formation of a pool of free 40S subunits



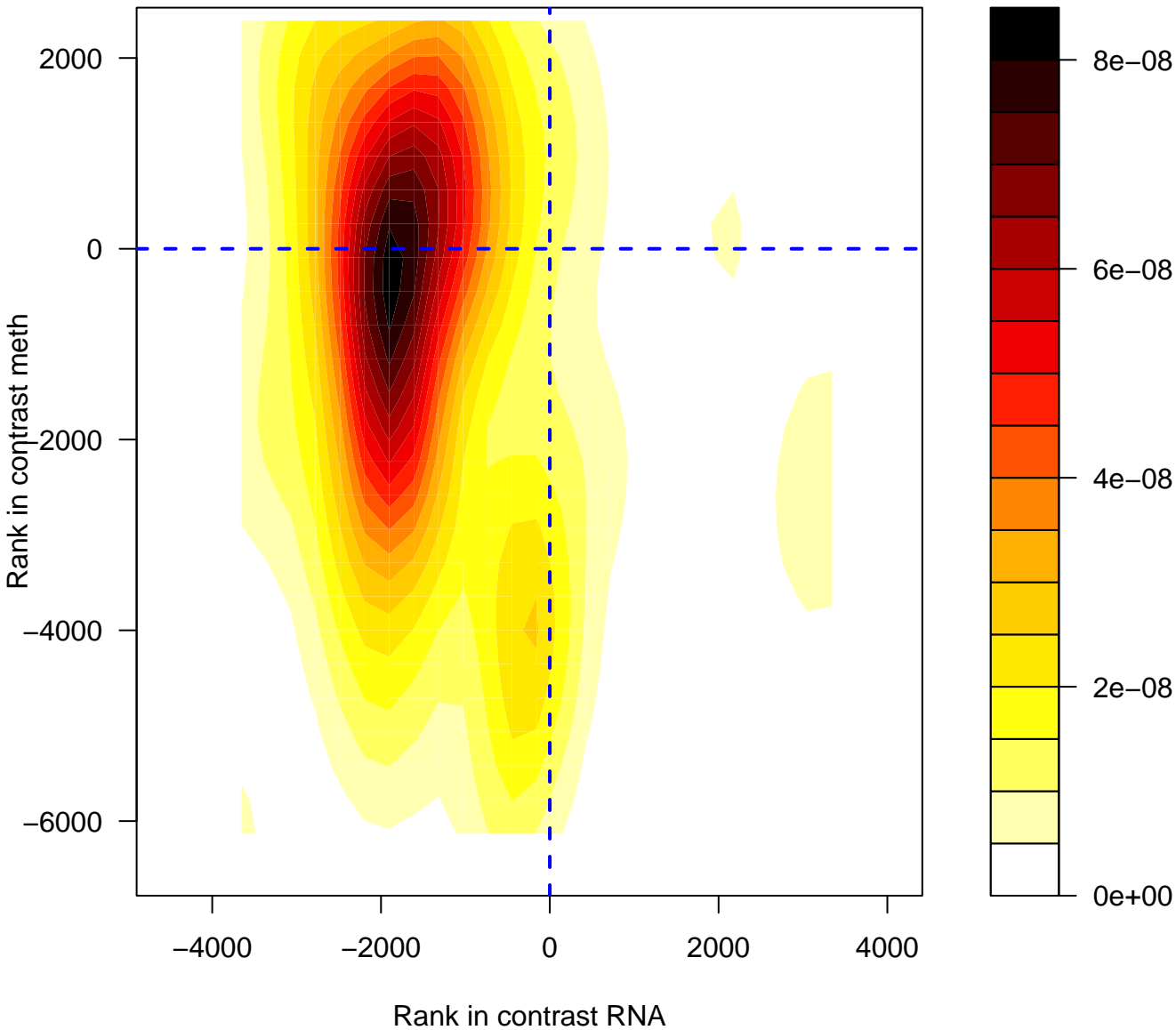
Formation of a pool of free 40S subunits



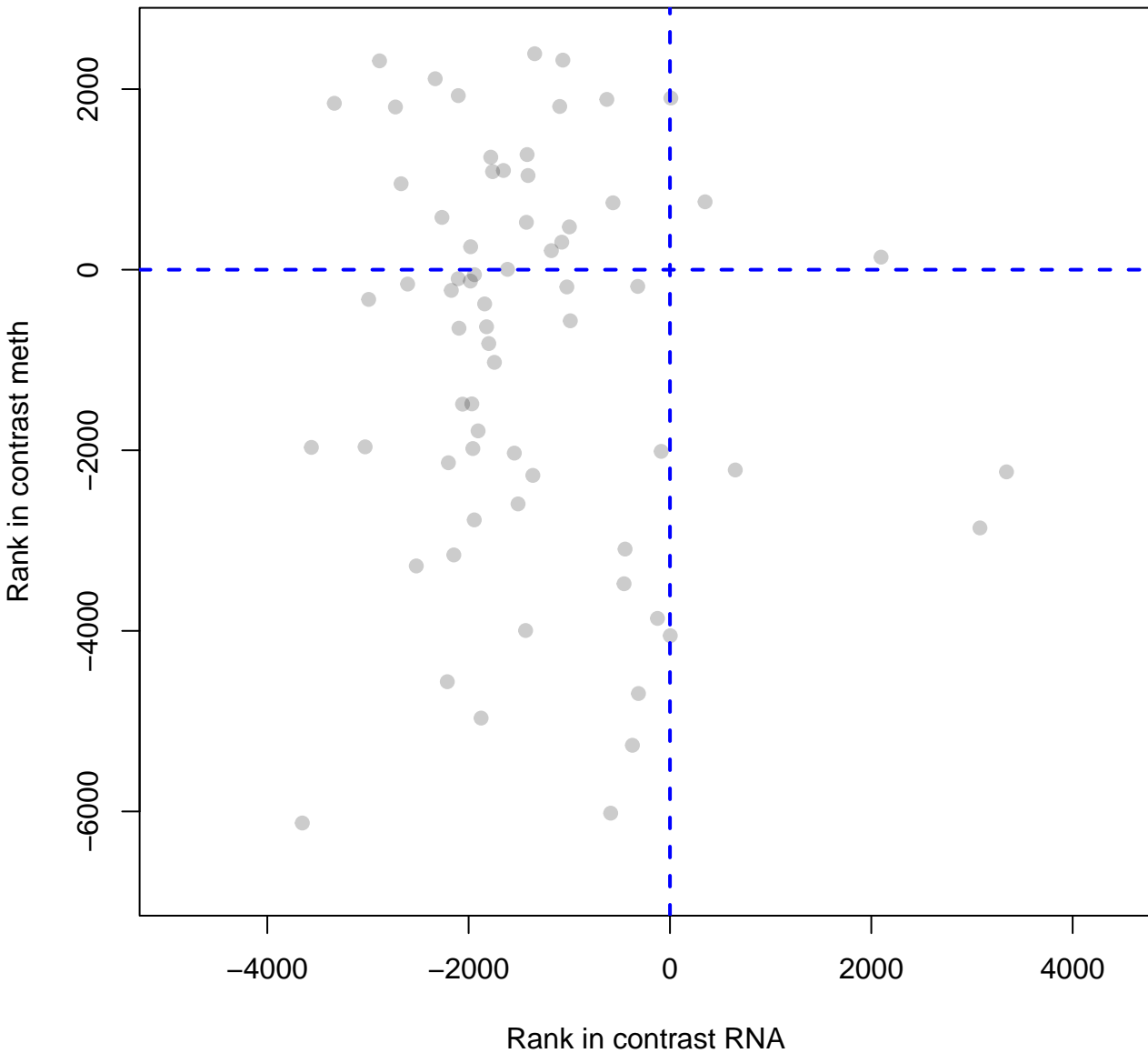
Formation of a pool of free 40S subunits



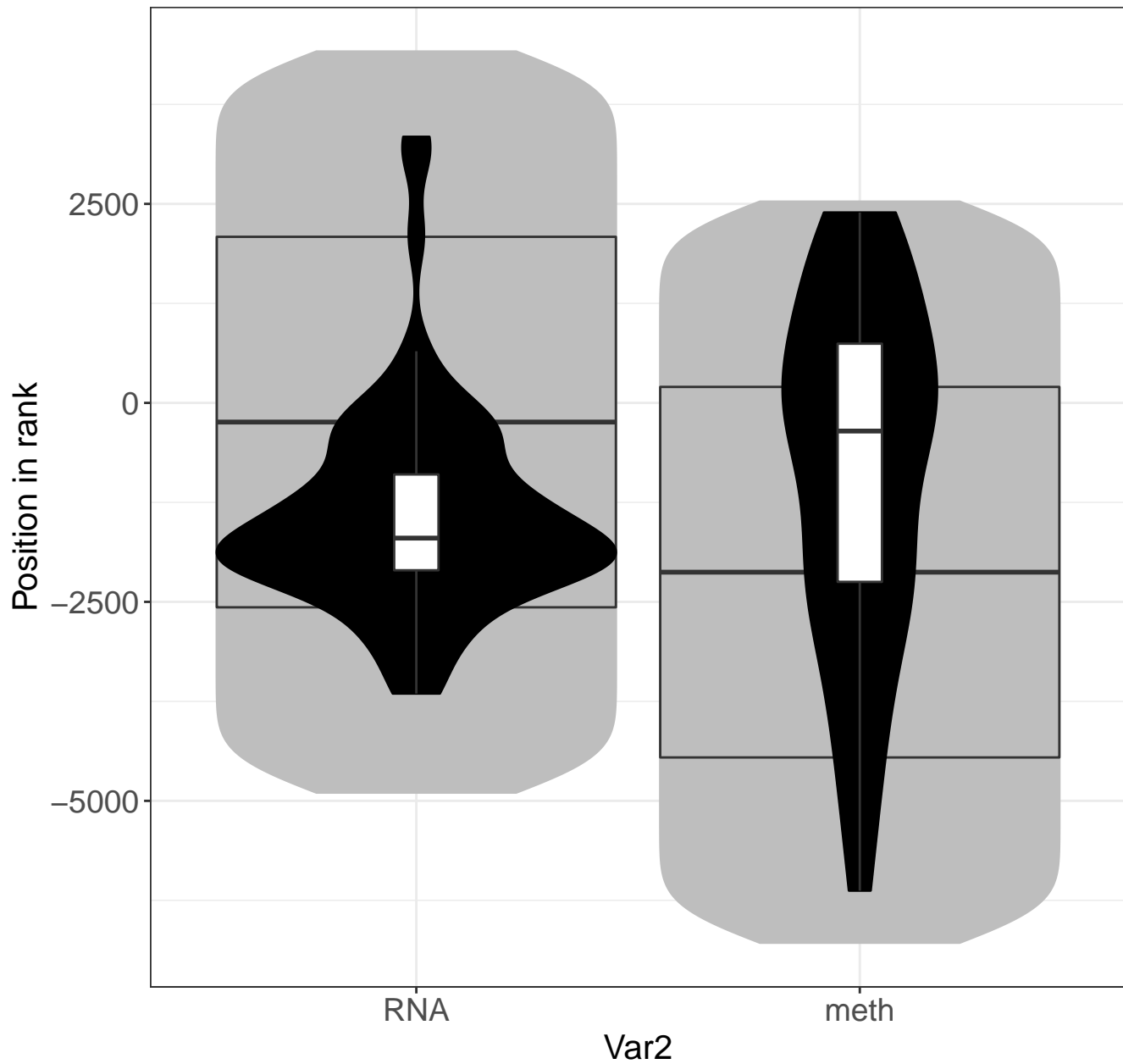
Selenocysteine synthesis



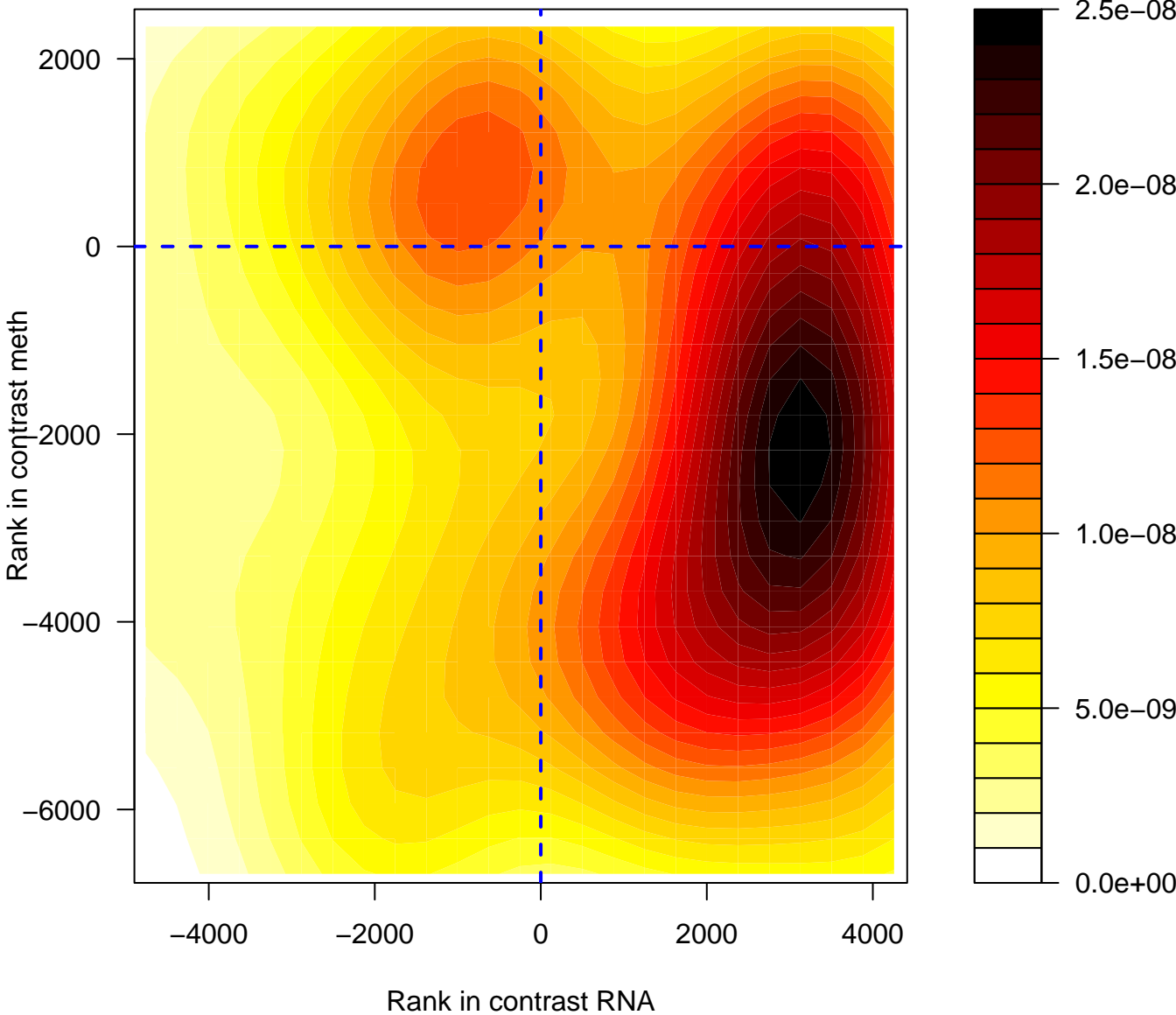
Selenocysteine synthesis



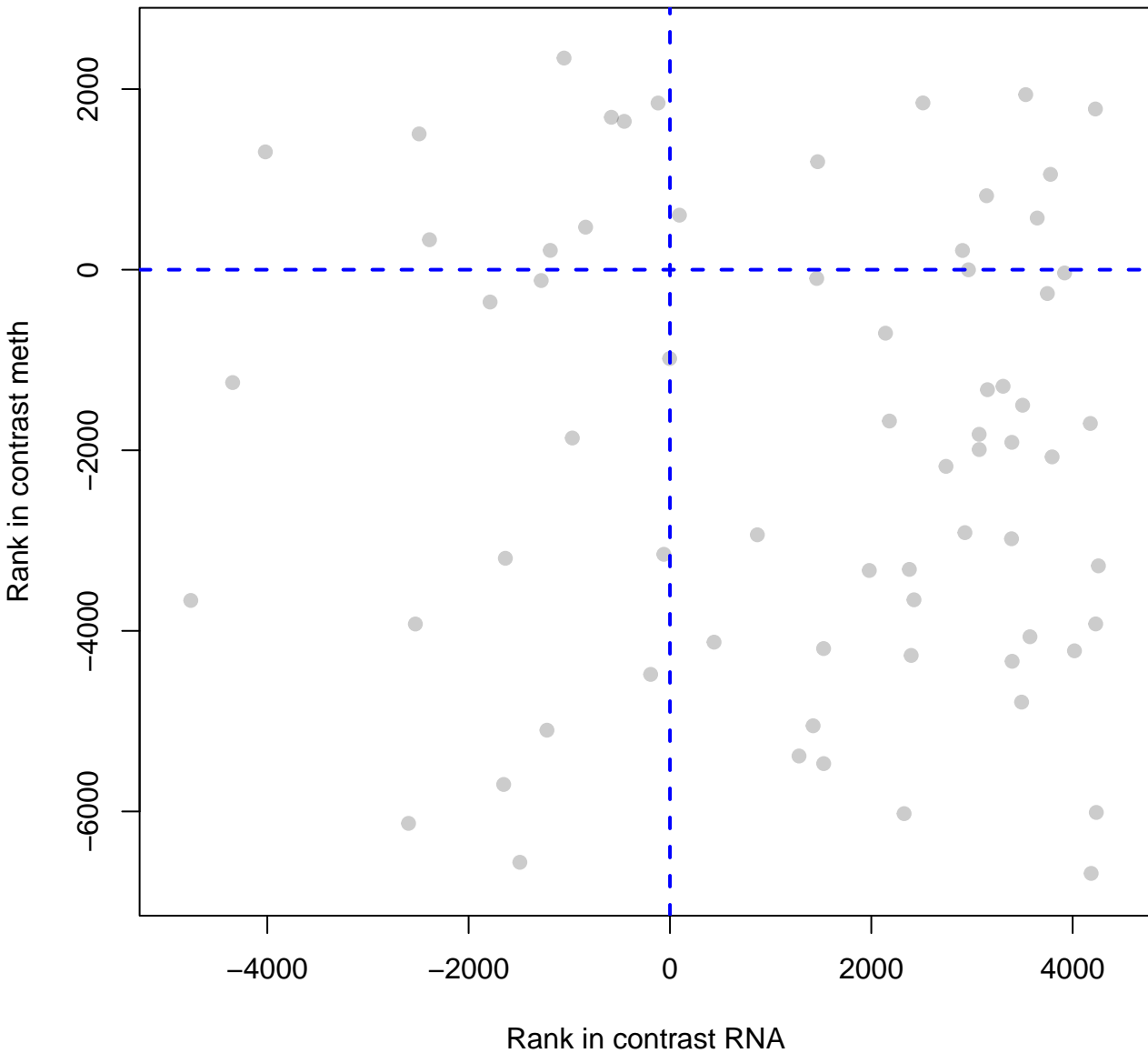
Selenocysteine synthesis



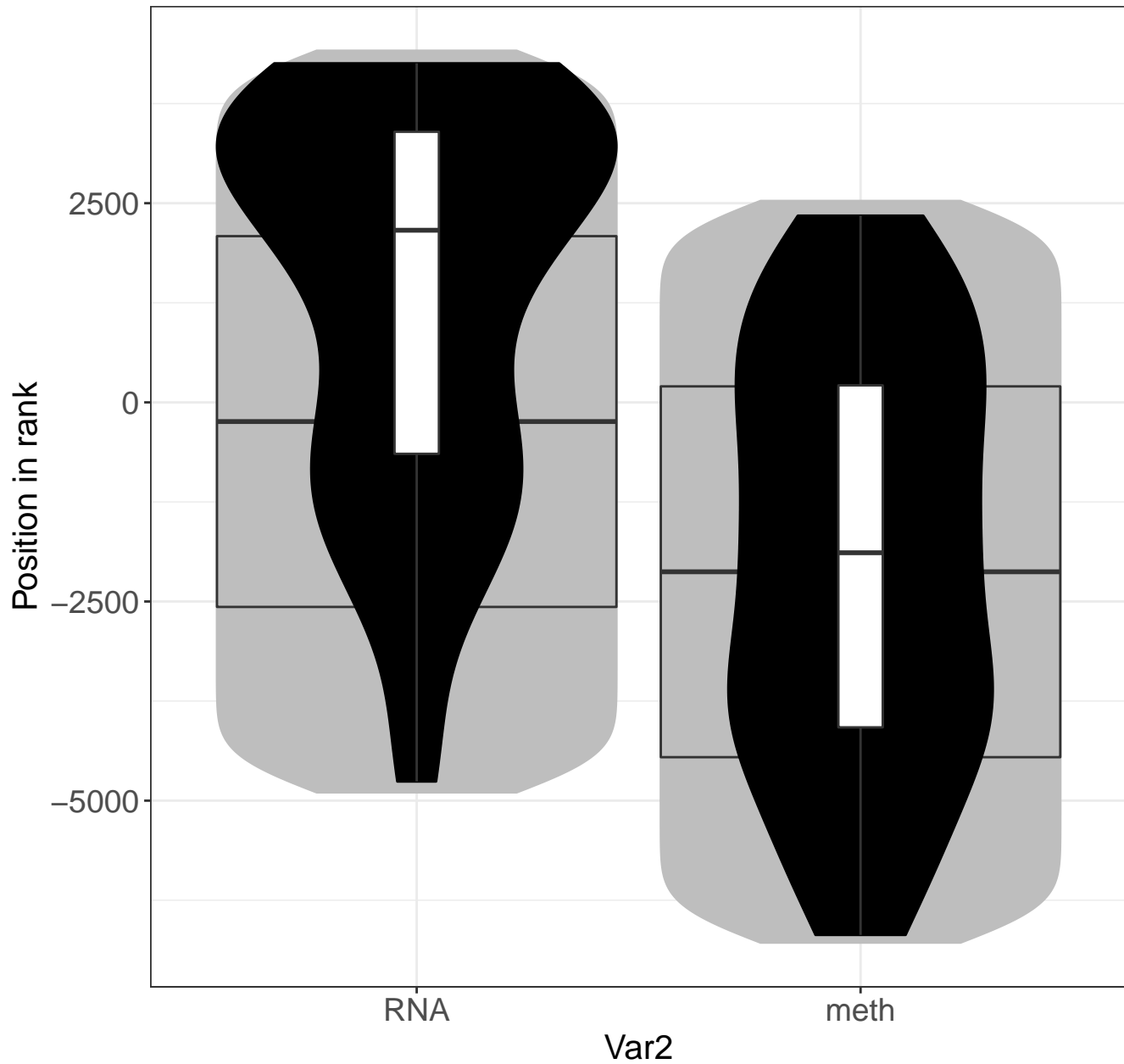
COPI-mediated anterograde transport



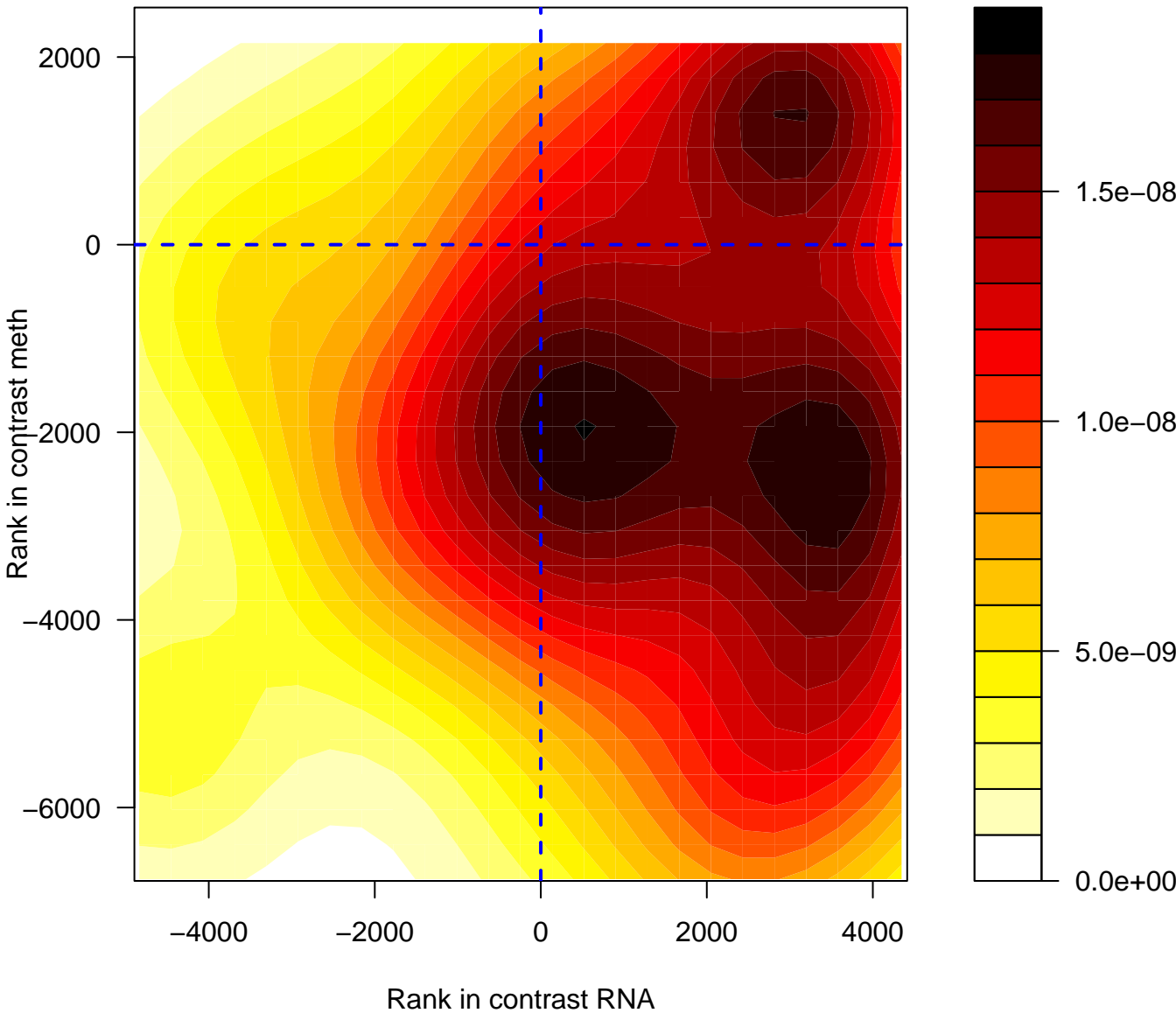
COPI-mediated anterograde transport



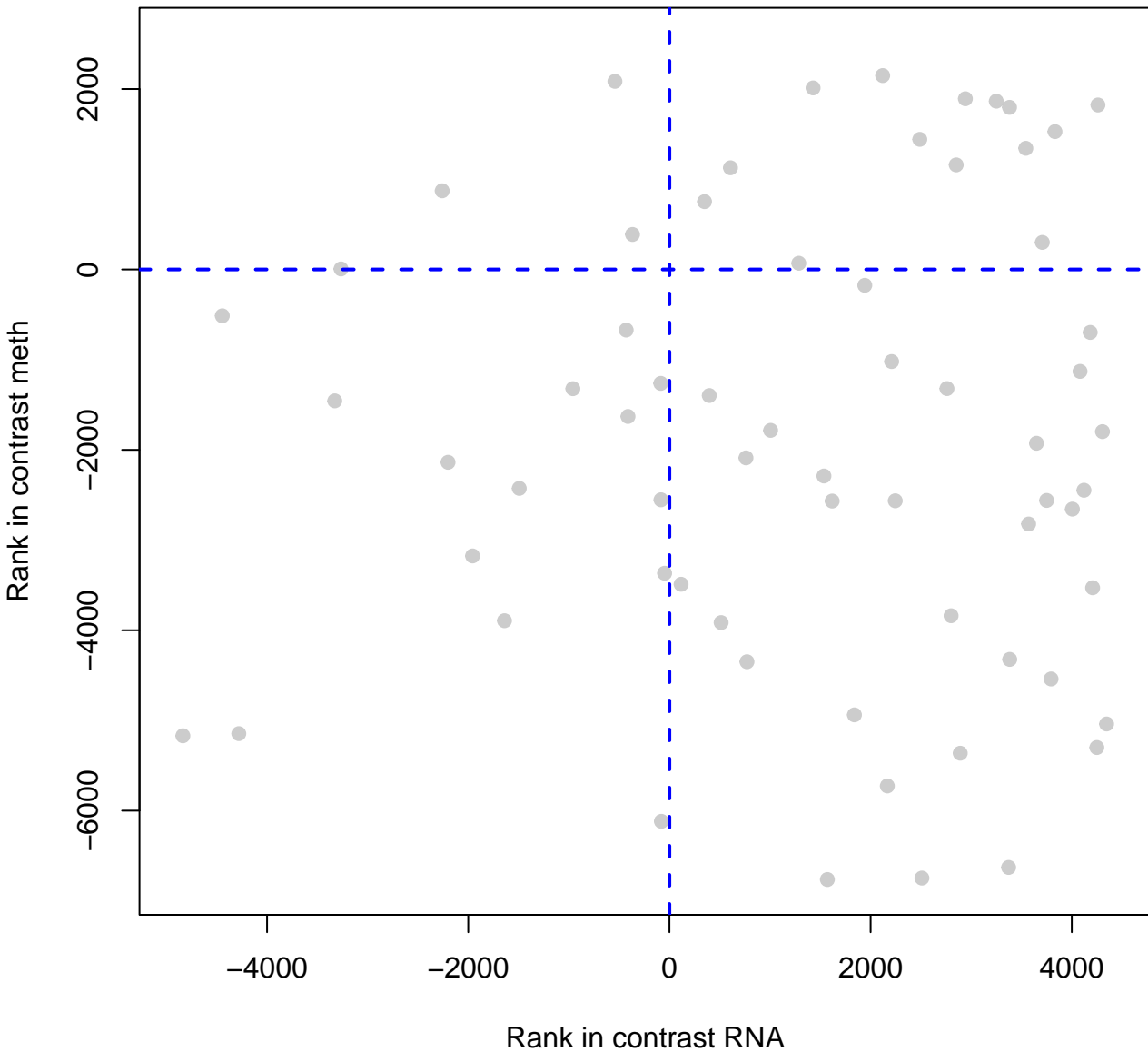
COPI-mediated anterograde transport



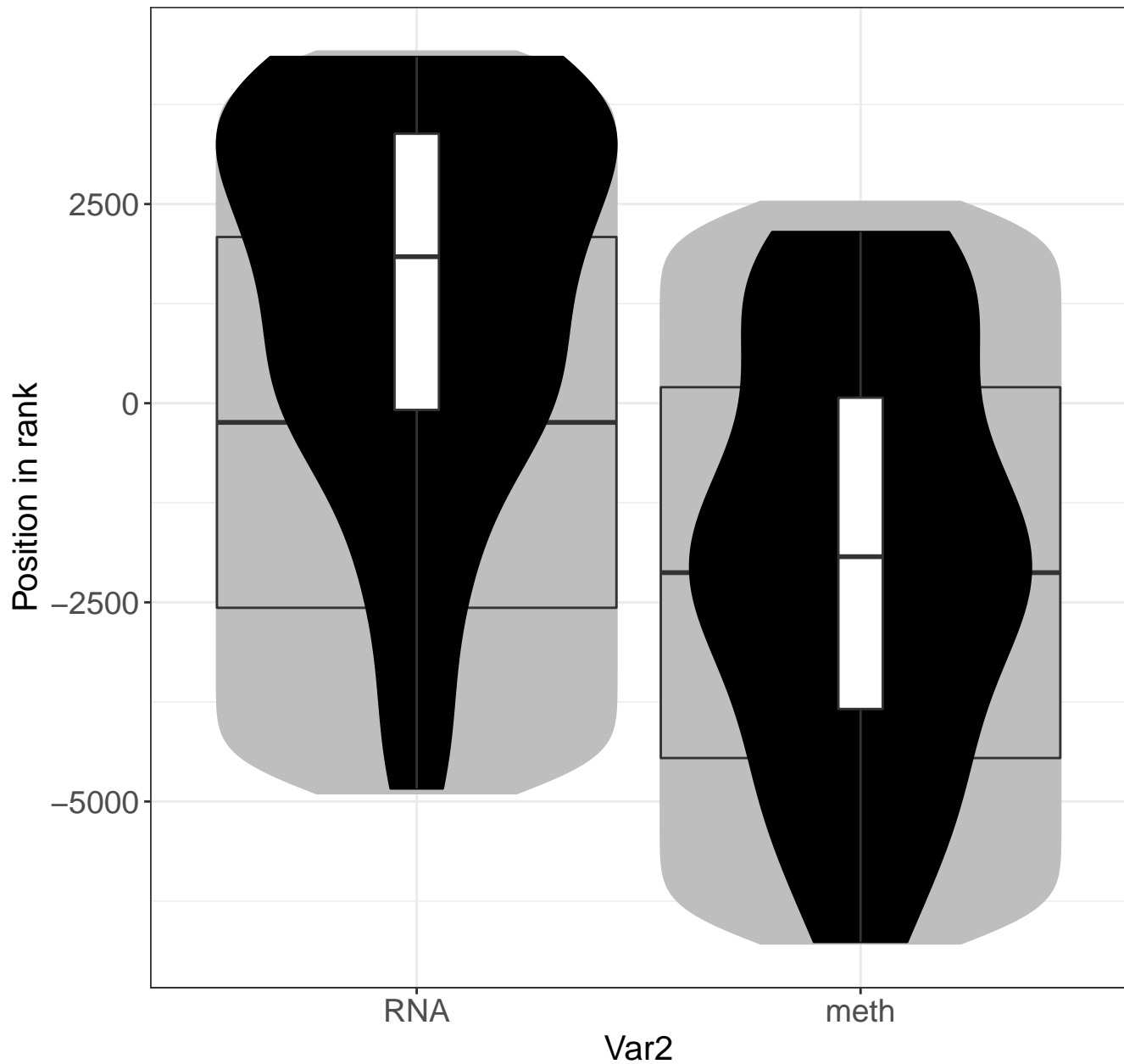
MyD88 cascade initiated on plasma membrane



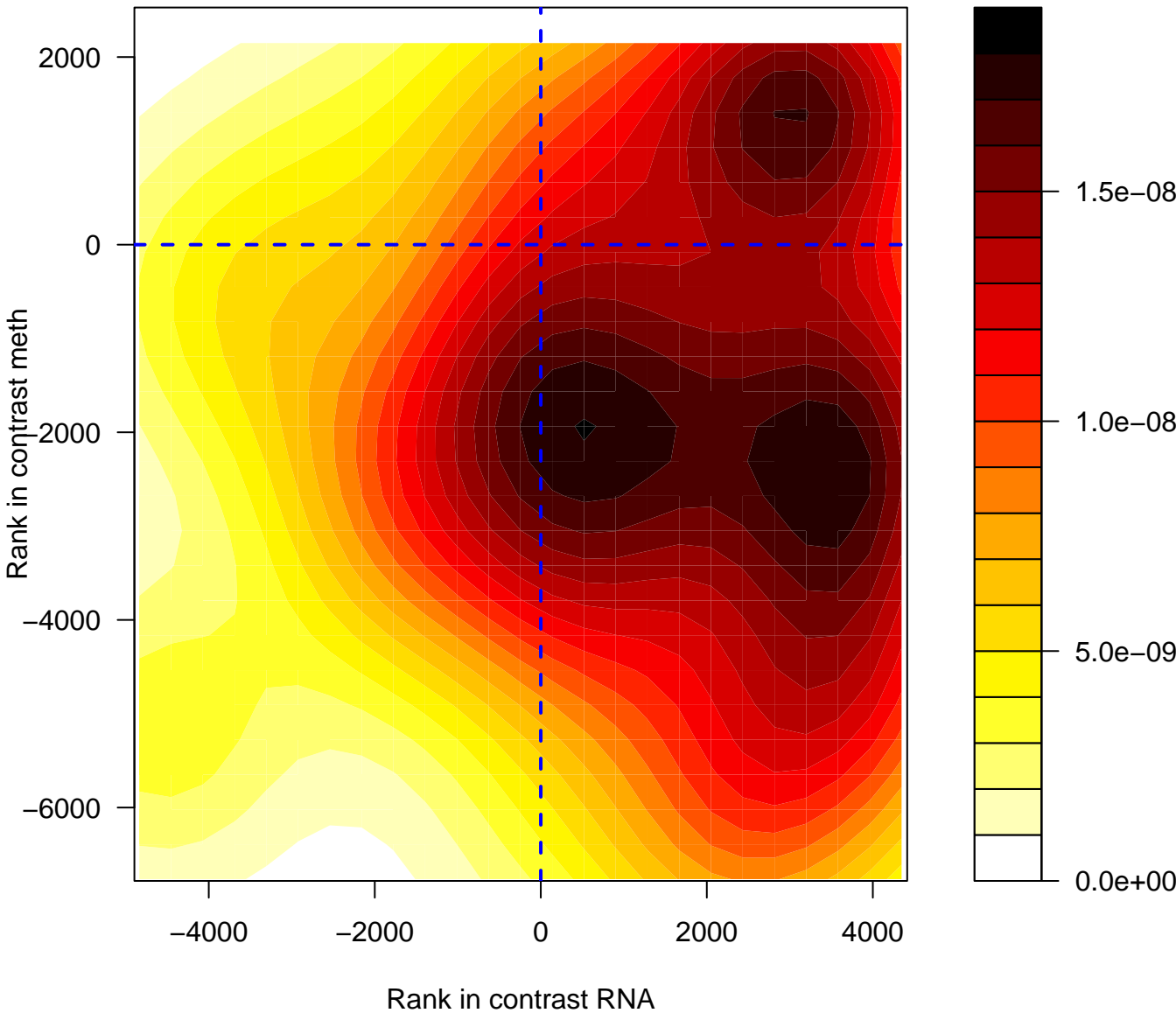
MyD88 cascade initiated on plasma membrane



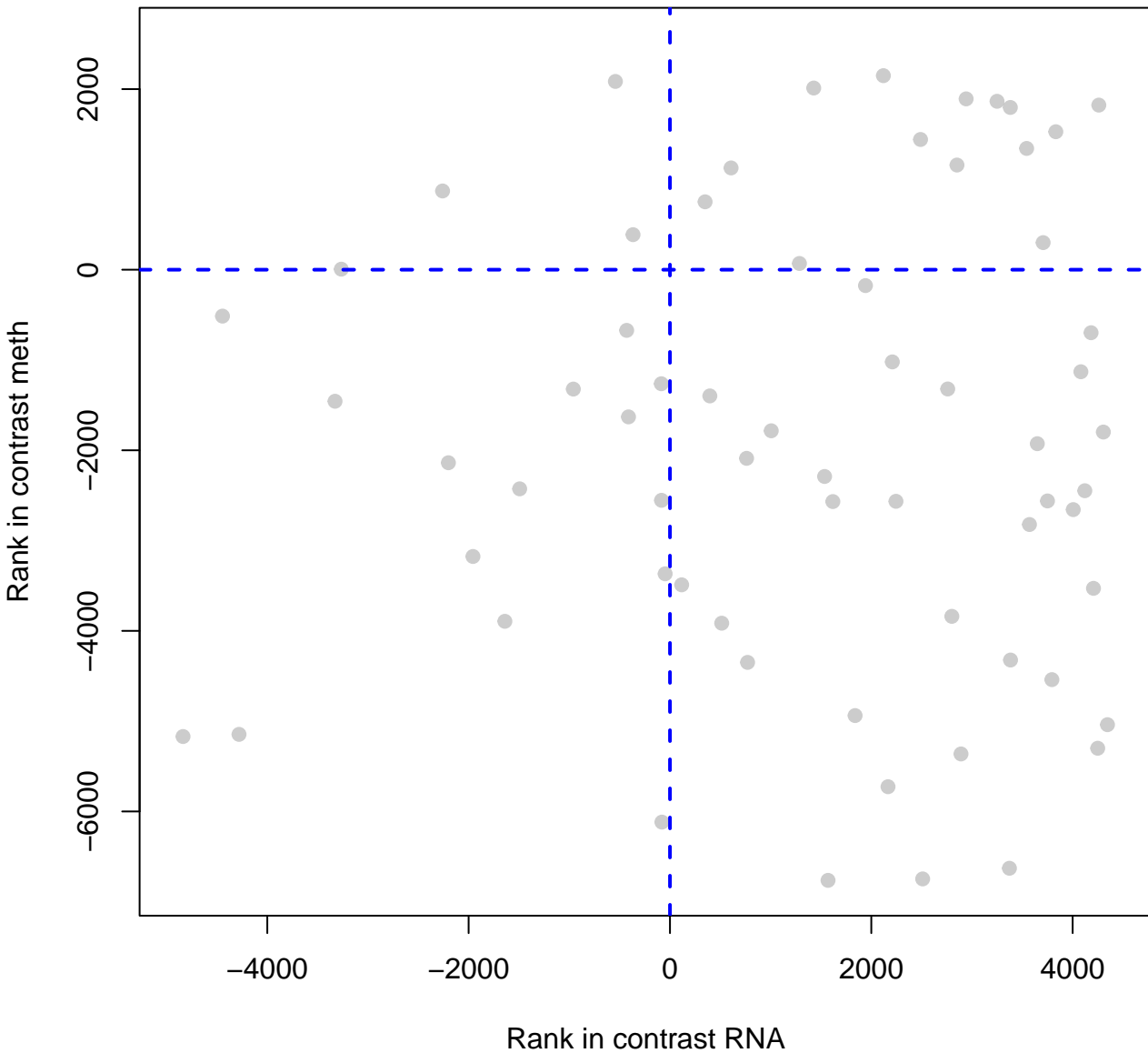
MyD88 cascade initiated on plasma membrane



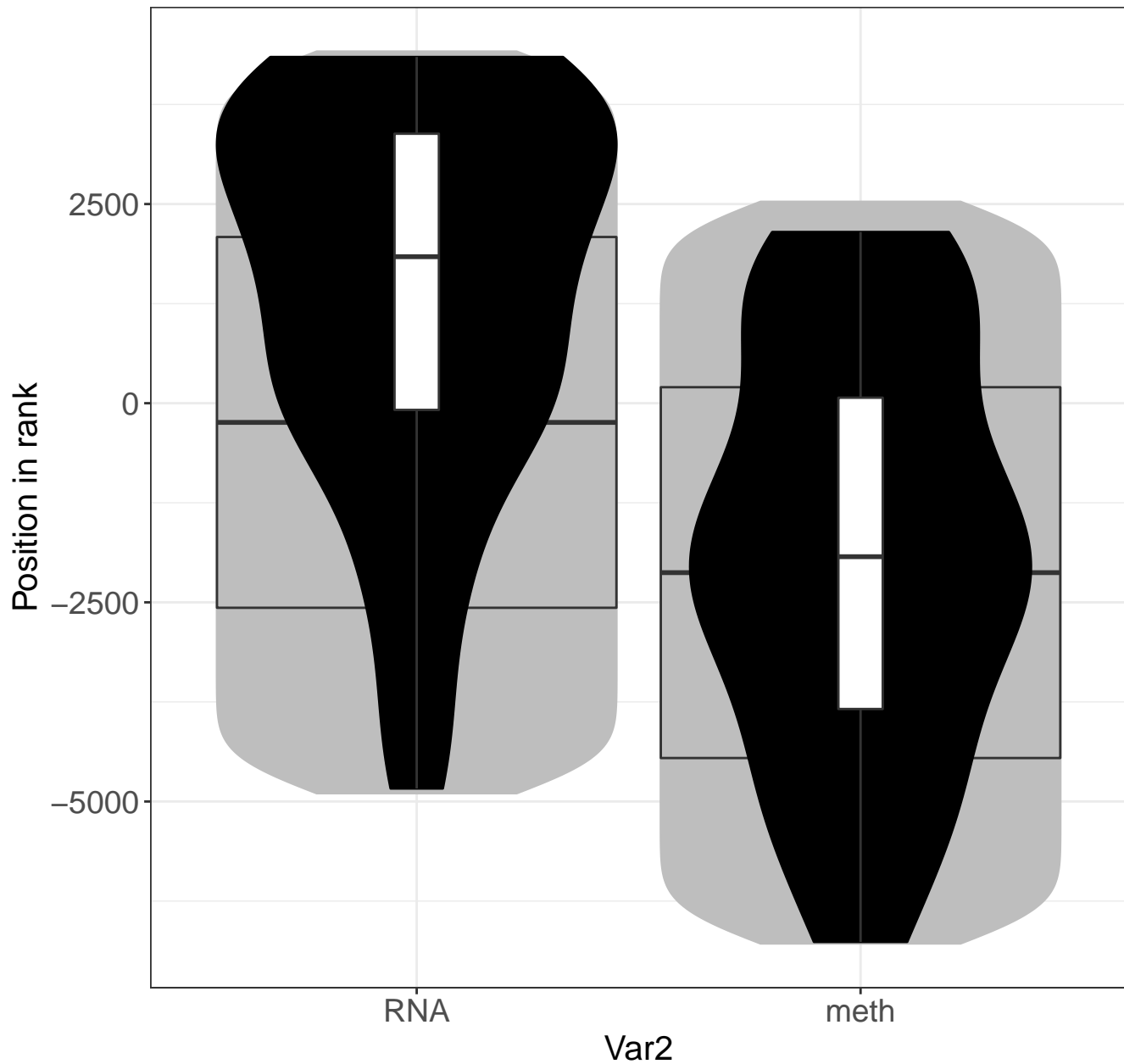
Toll Like Receptor 10 (TLR10) Cascade



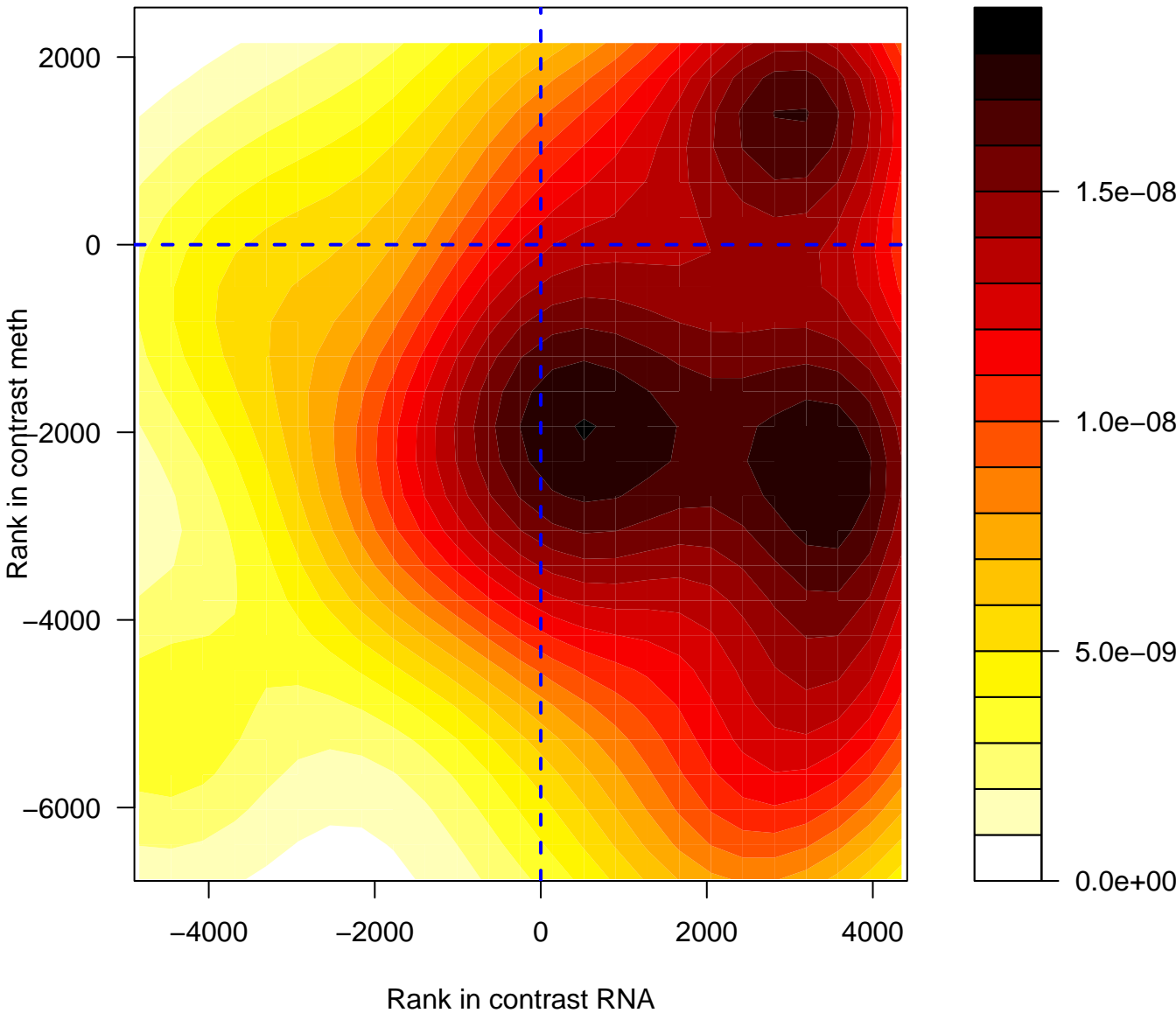
Toll Like Receptor 10 (TLR10) Cascade



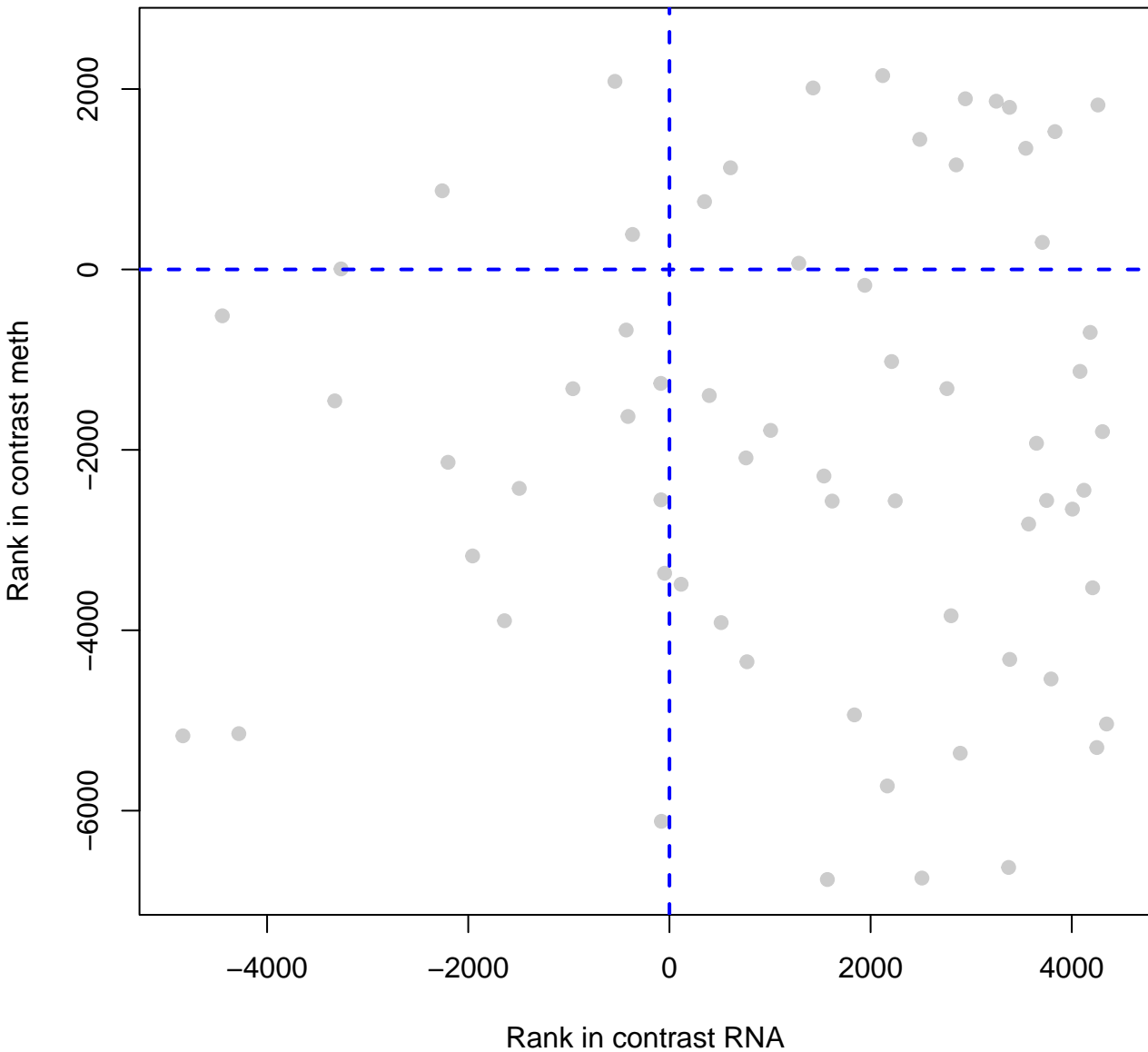
Toll Like Receptor 10 (TLR10) Cascade



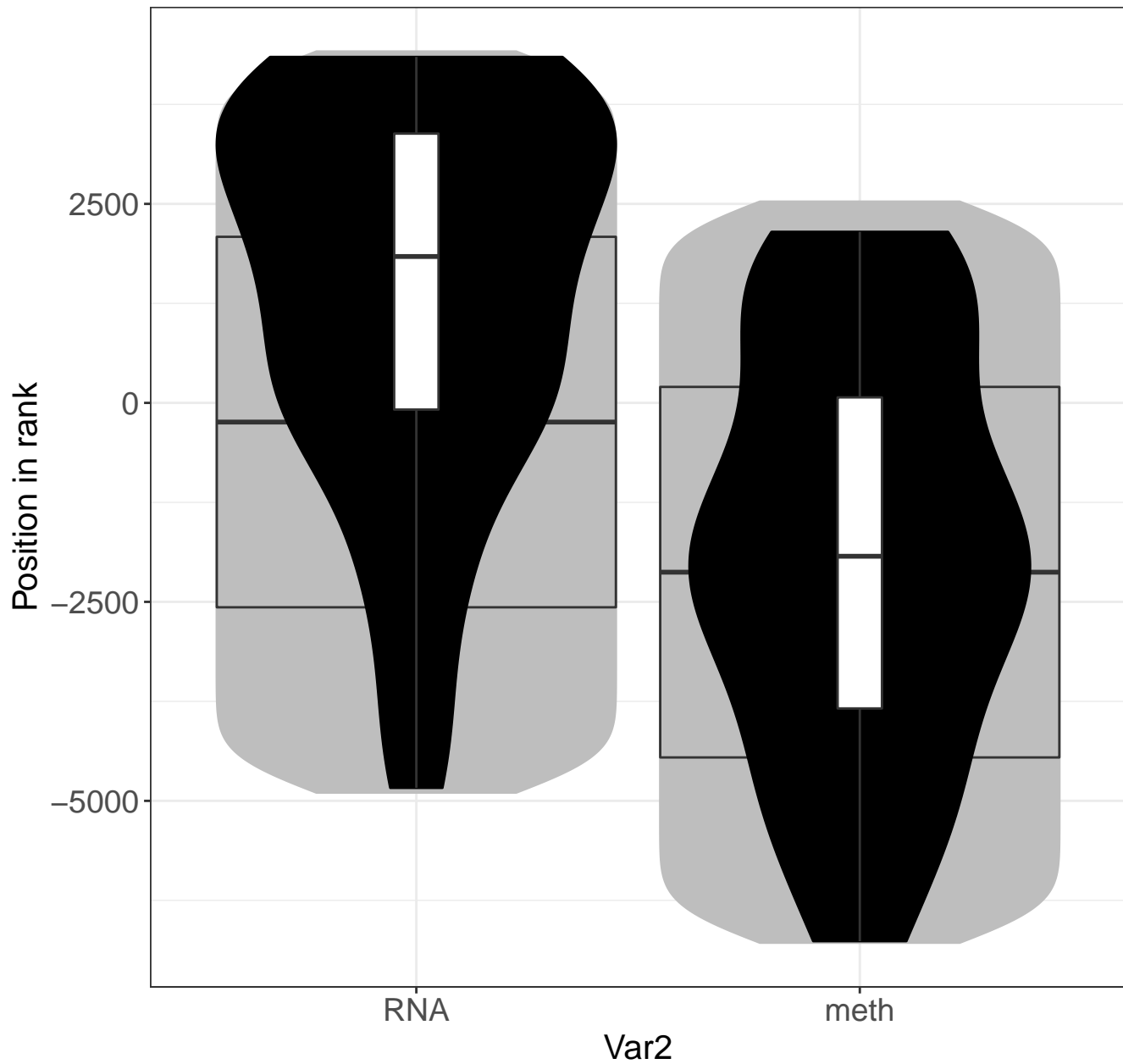
Toll Like Receptor 5 (TLR5) Cascade



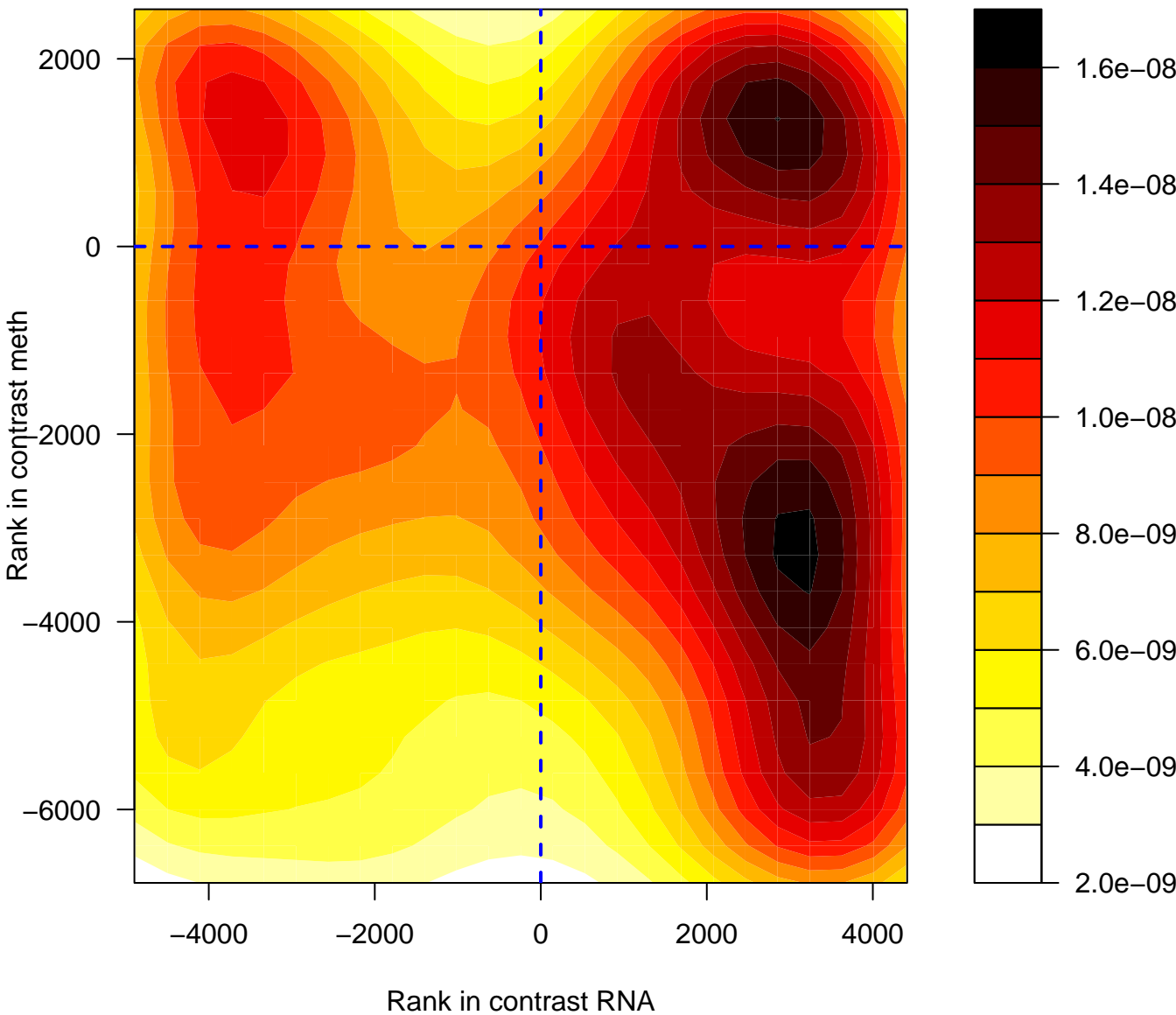
Toll Like Receptor 5 (TLR5) Cascade



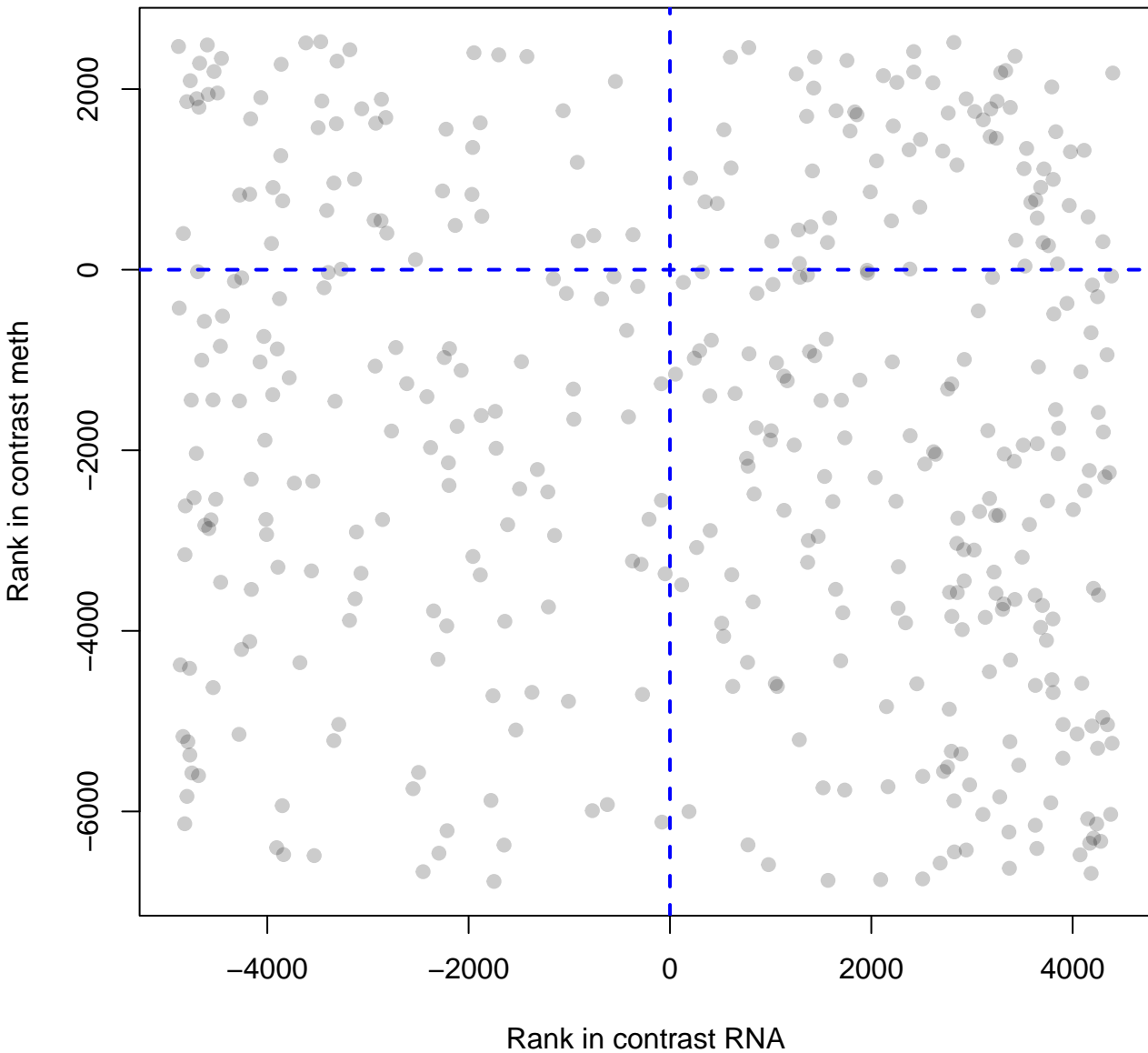
Toll Like Receptor 5 (TLR5) Cascade



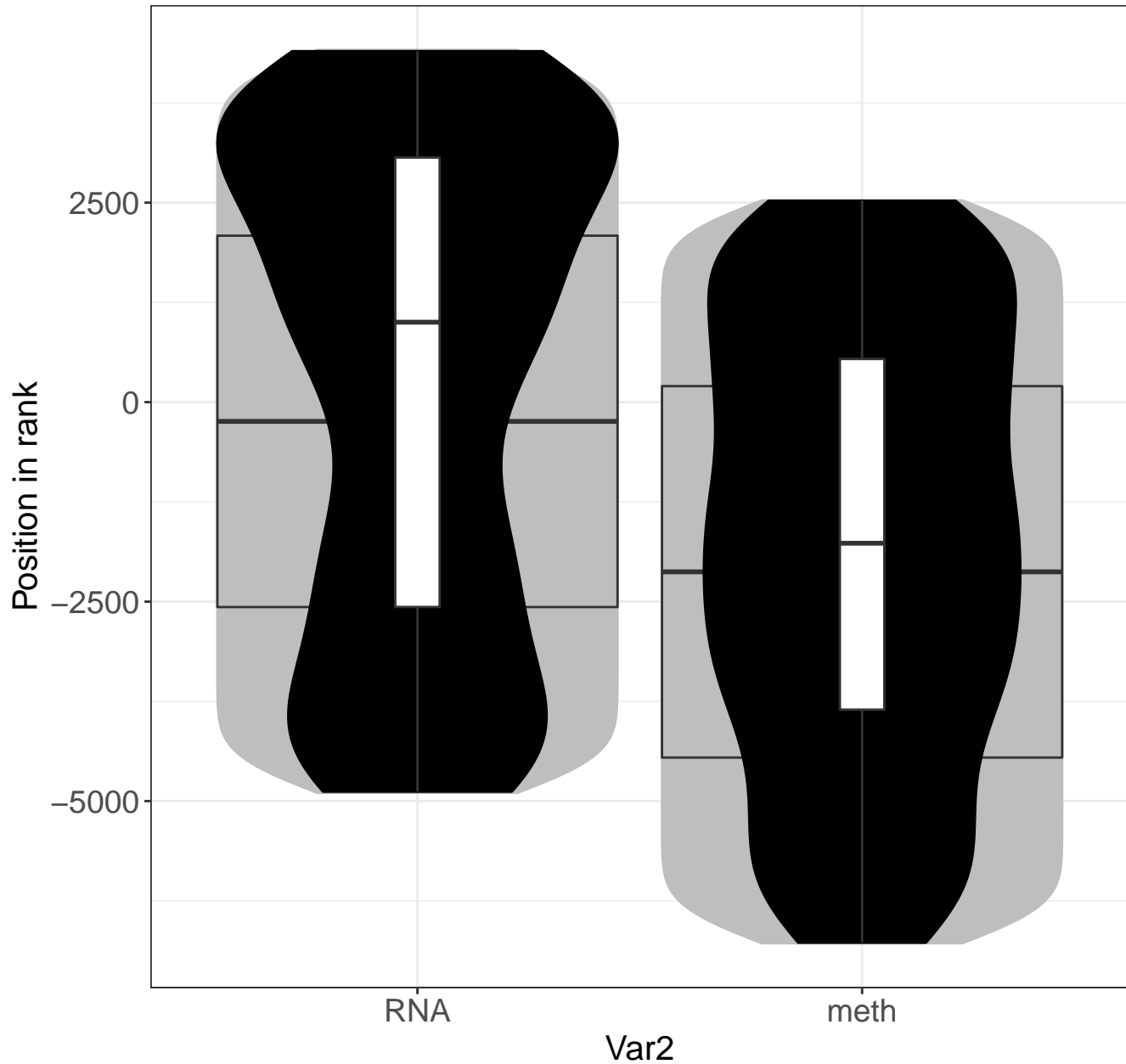
Cytokine Signaling in Immune system



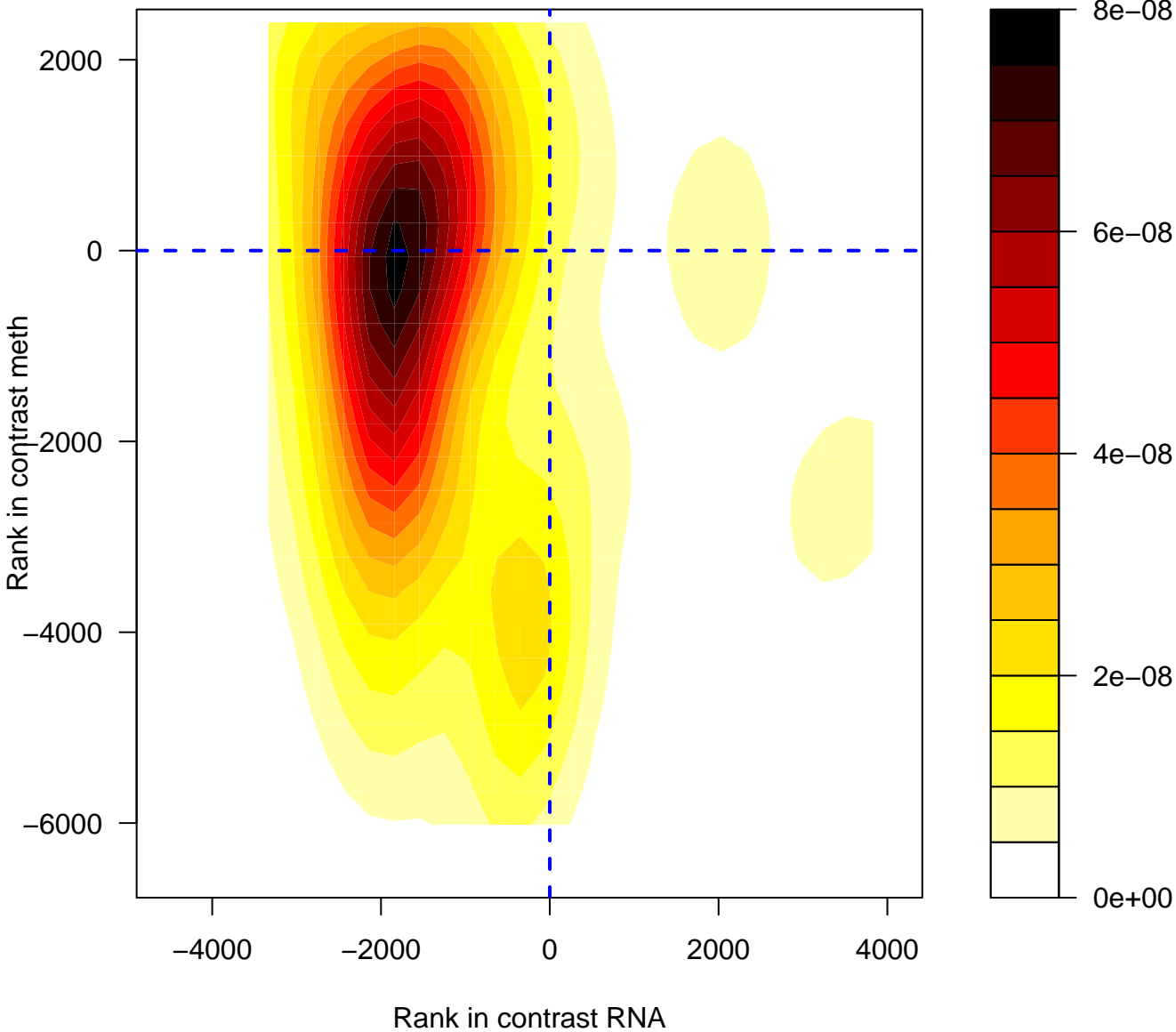
Cytokine Signaling in Immune system



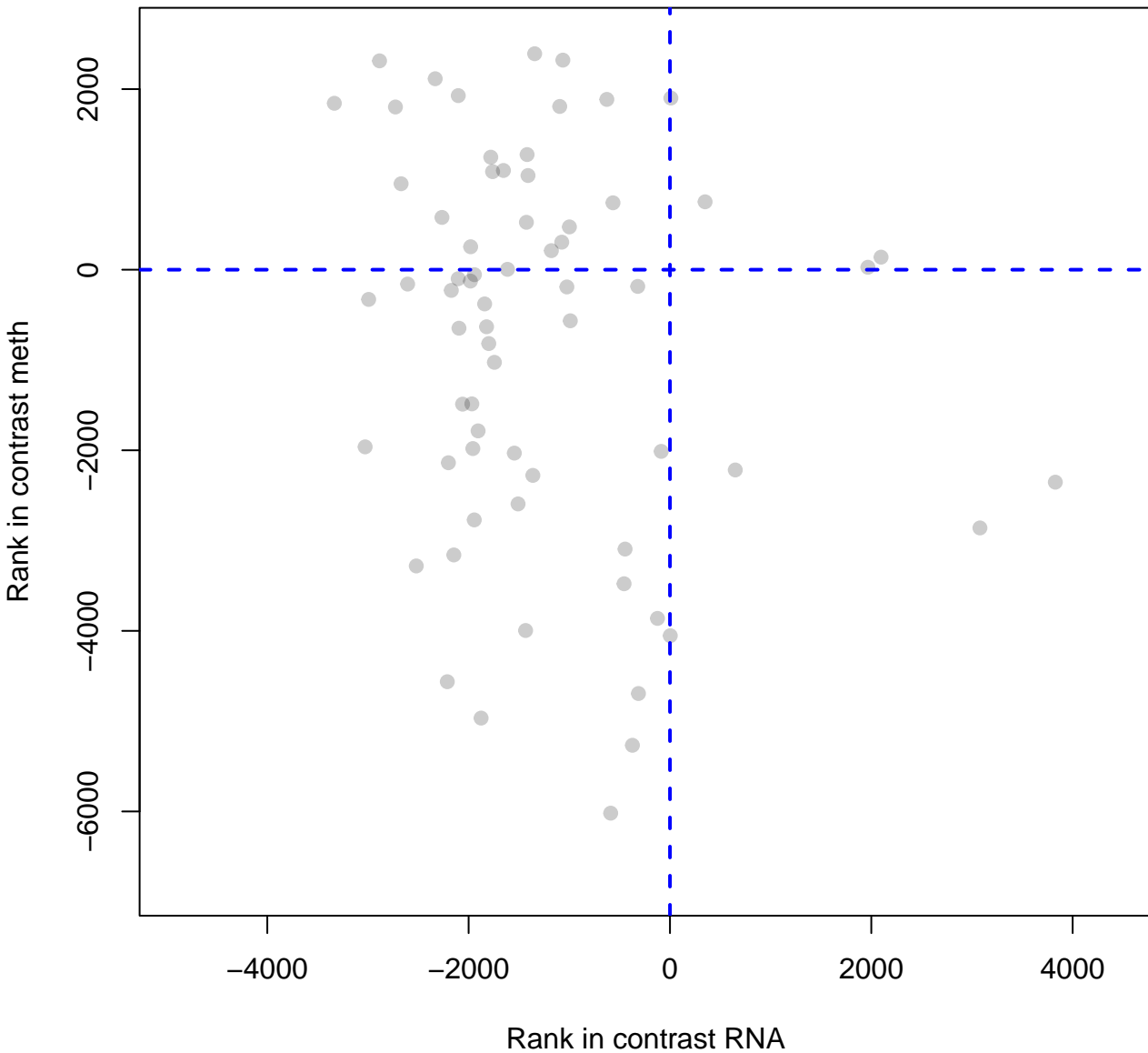
Cytokine Signaling in Immune system



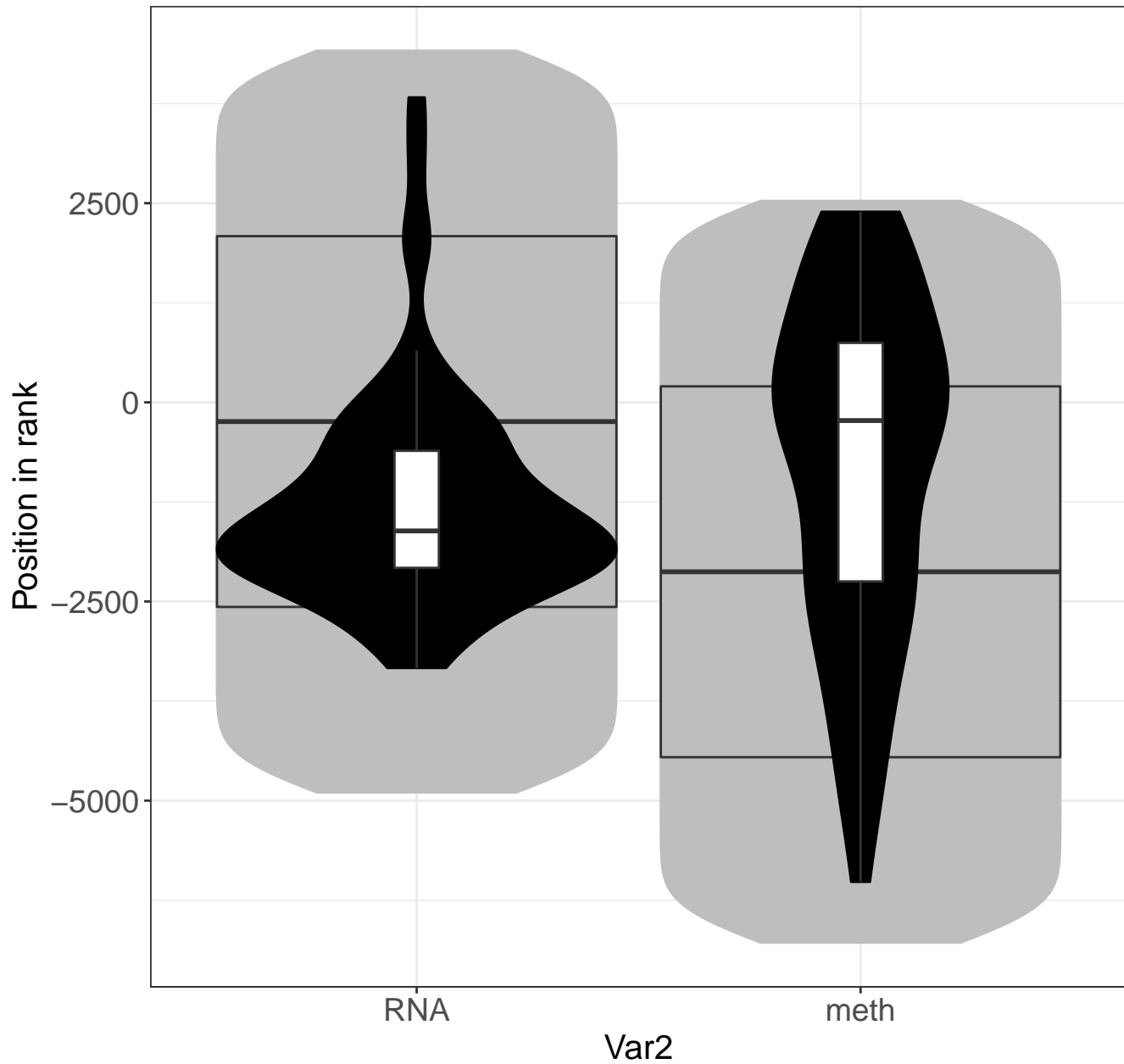
Viral mRNA Translation



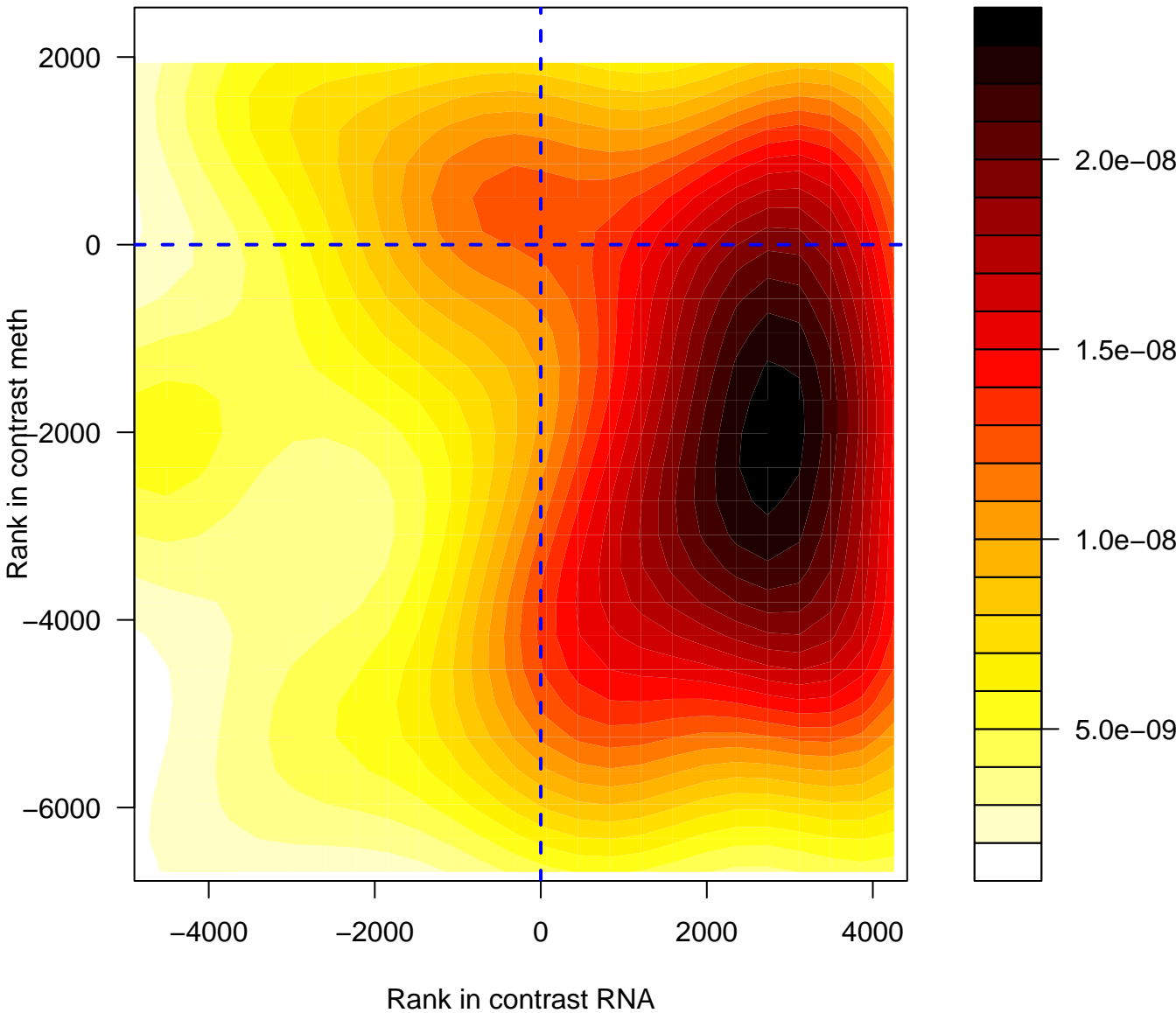
Viral mRNA Translation



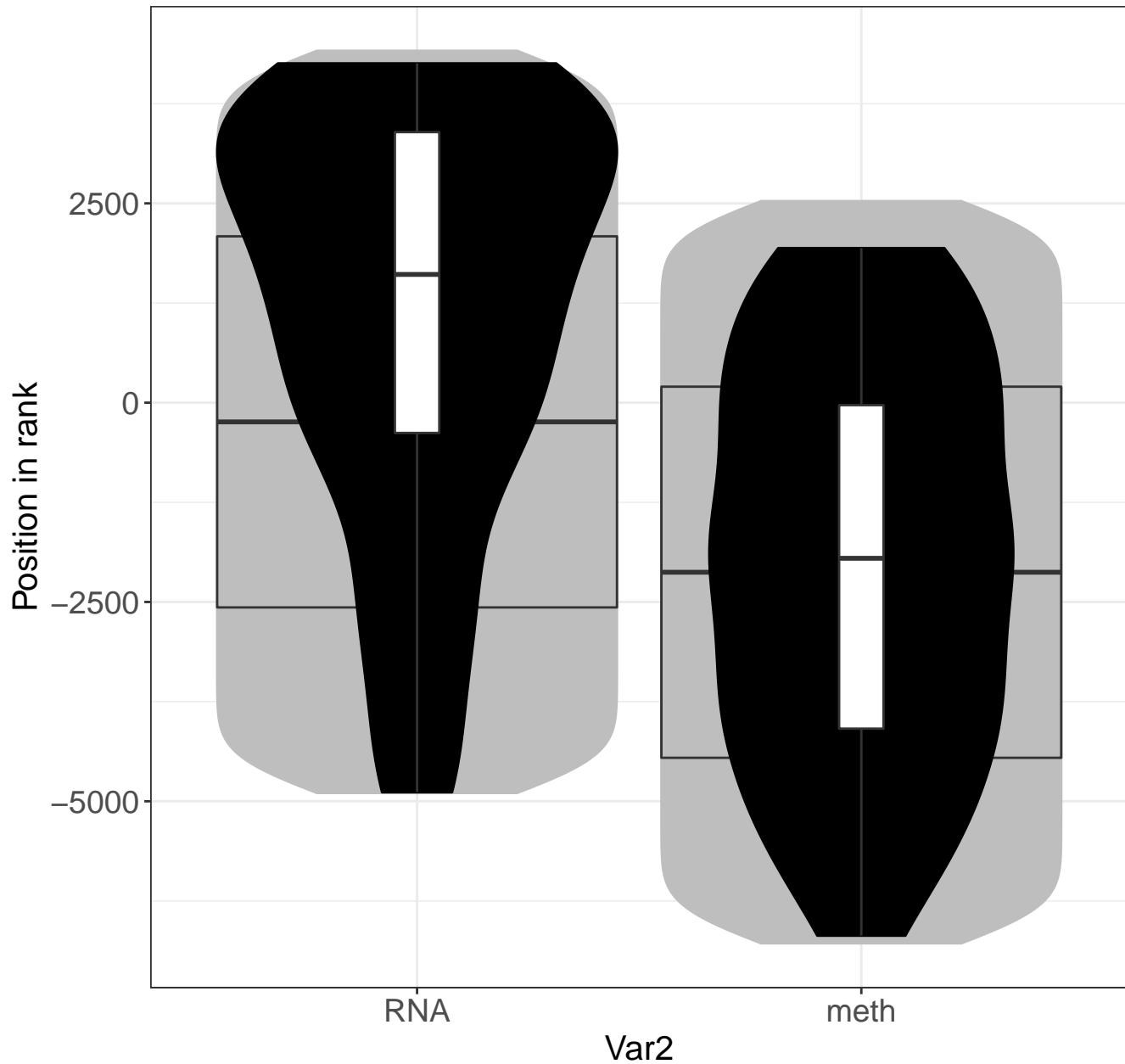
Viral mRNA Translation



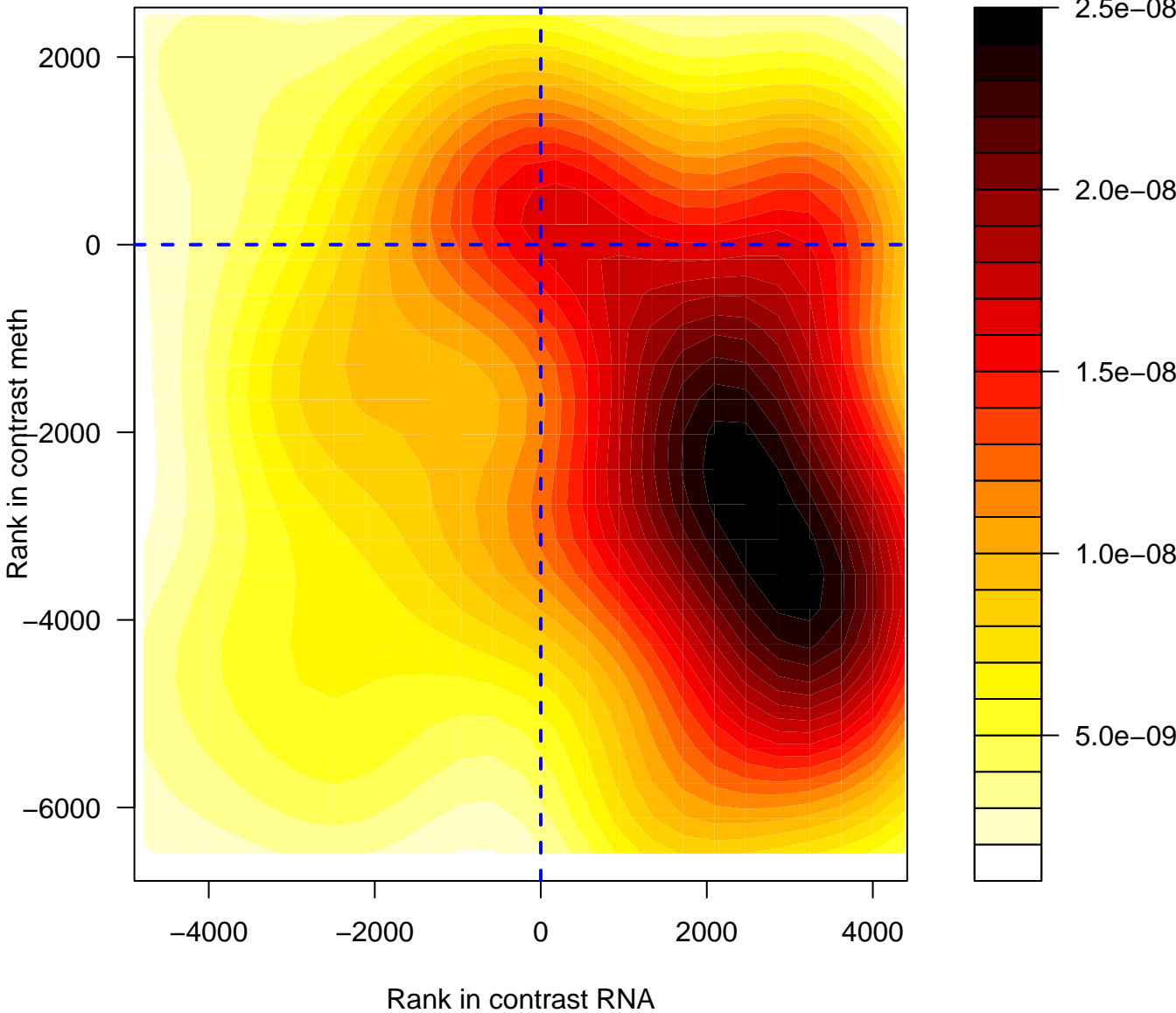
Golgi-to-ER retrograde transport



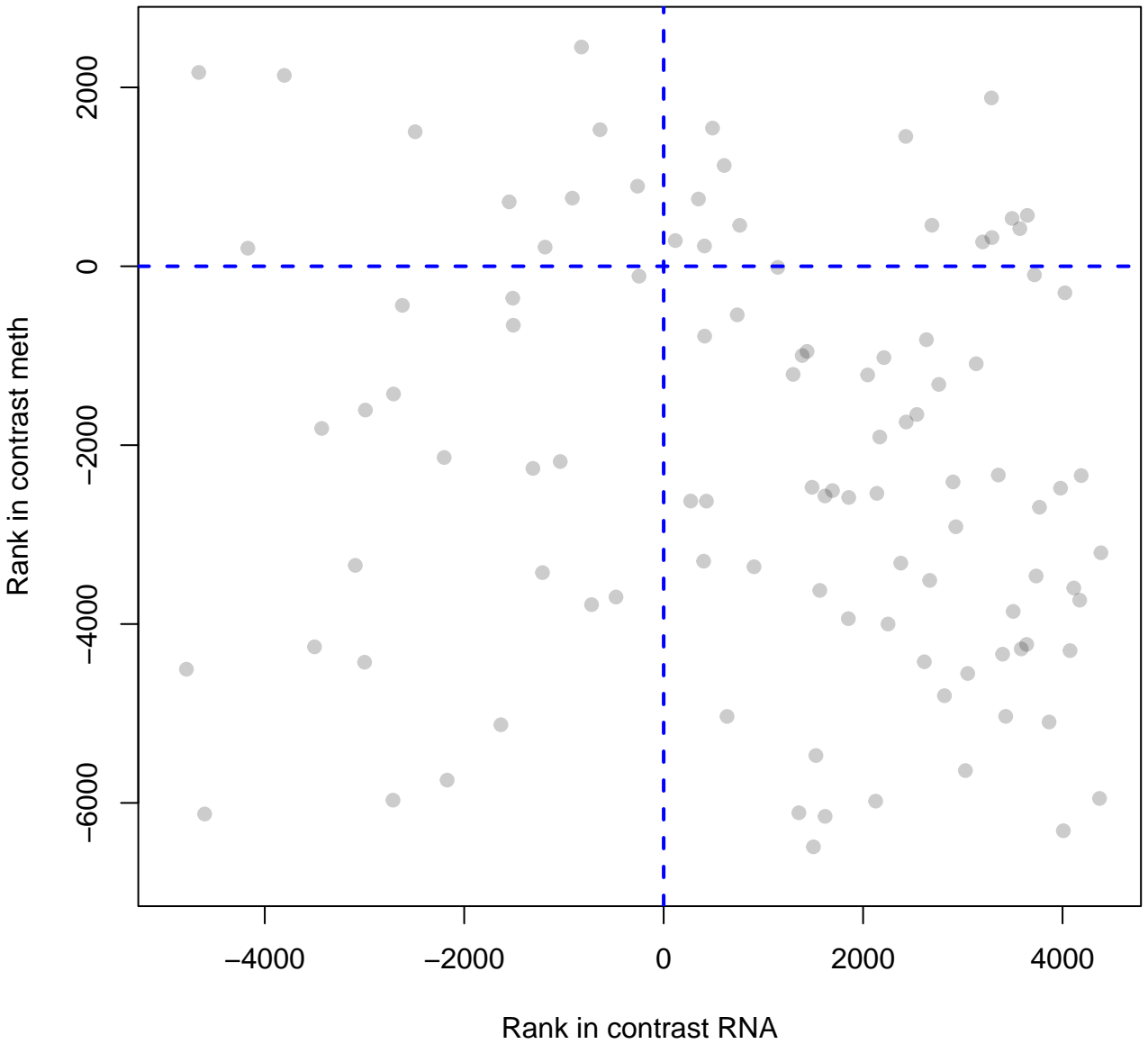
Golgi-to-ER retrograde transport



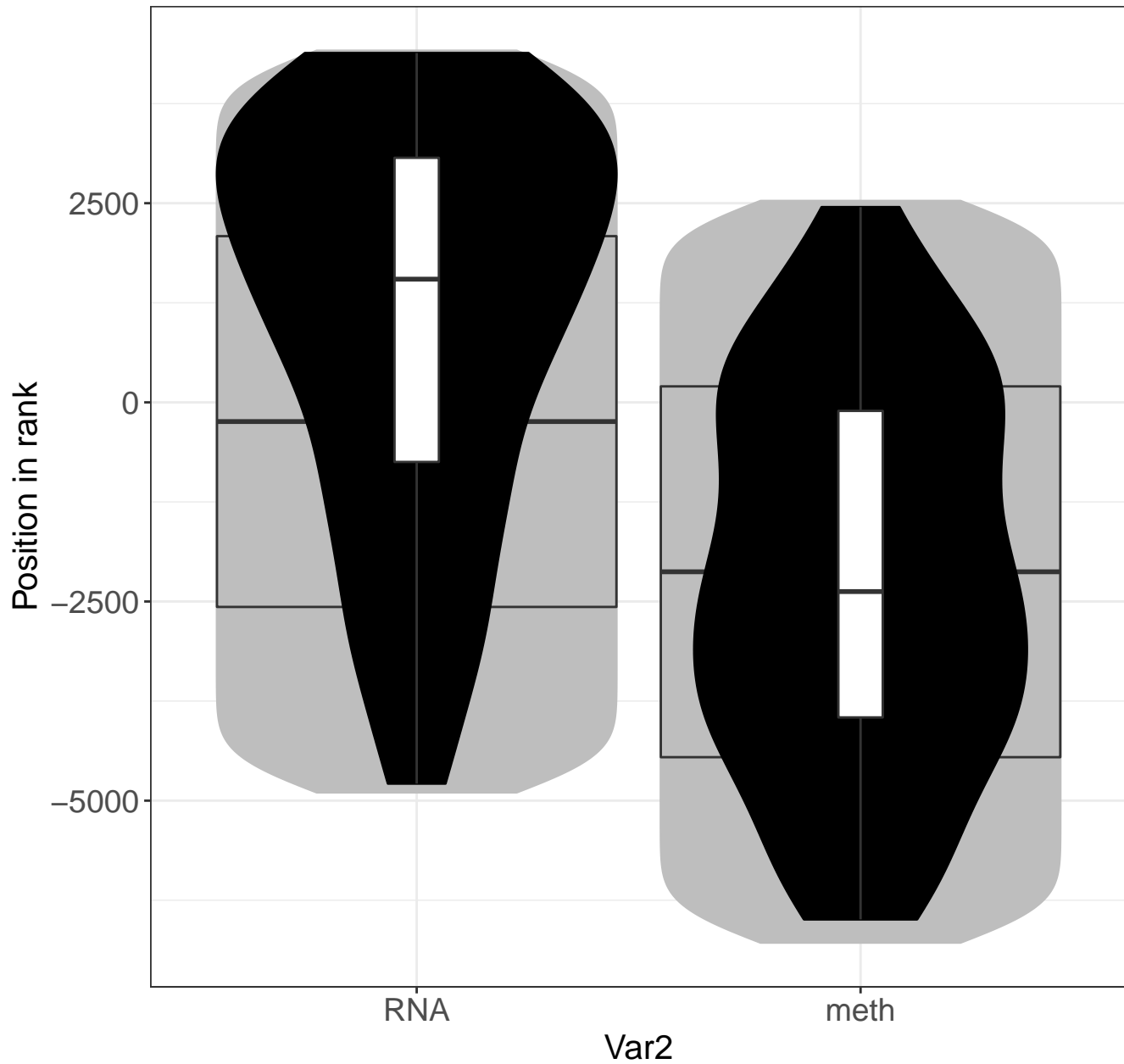
Autophagy



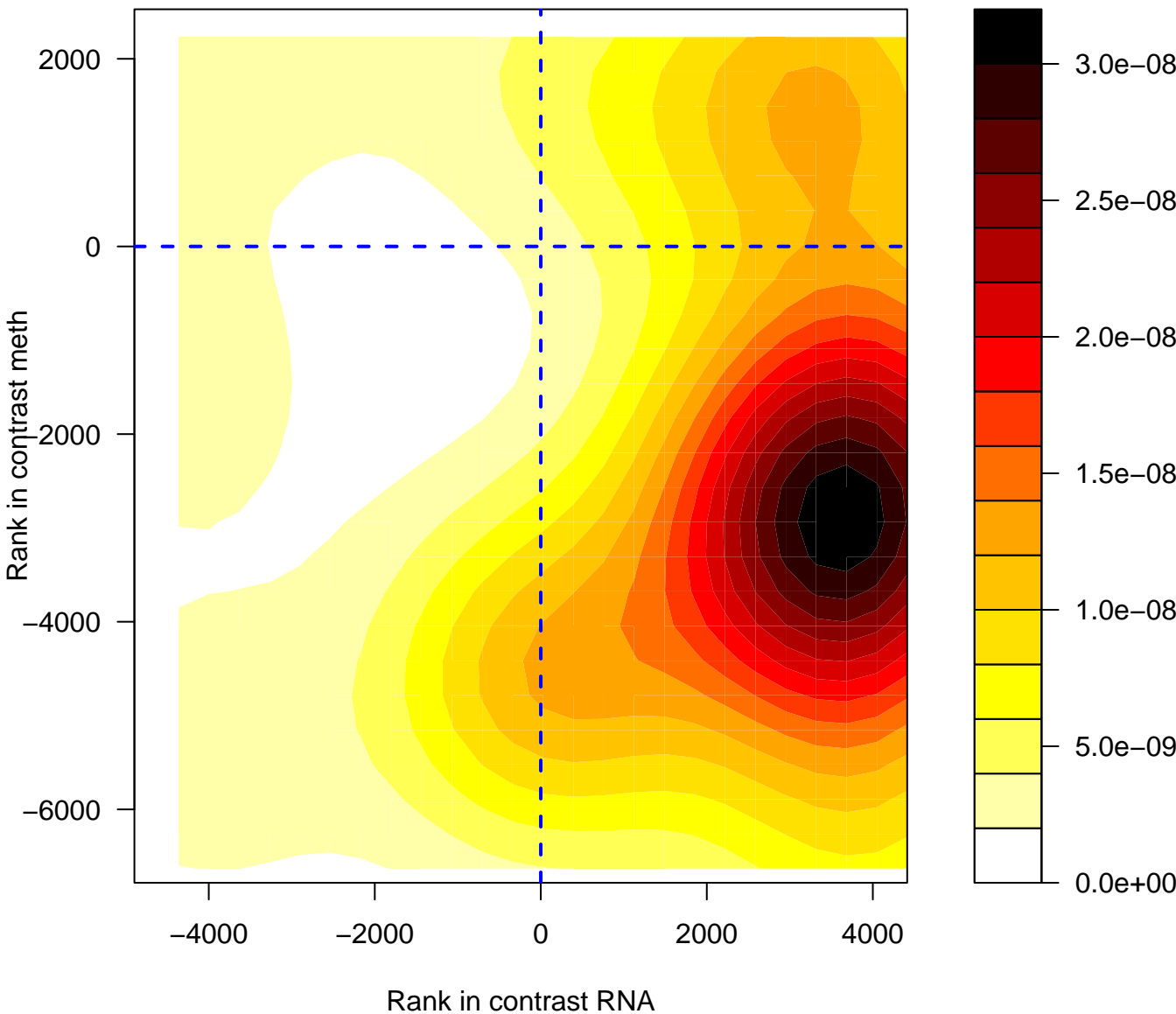
Autophagy



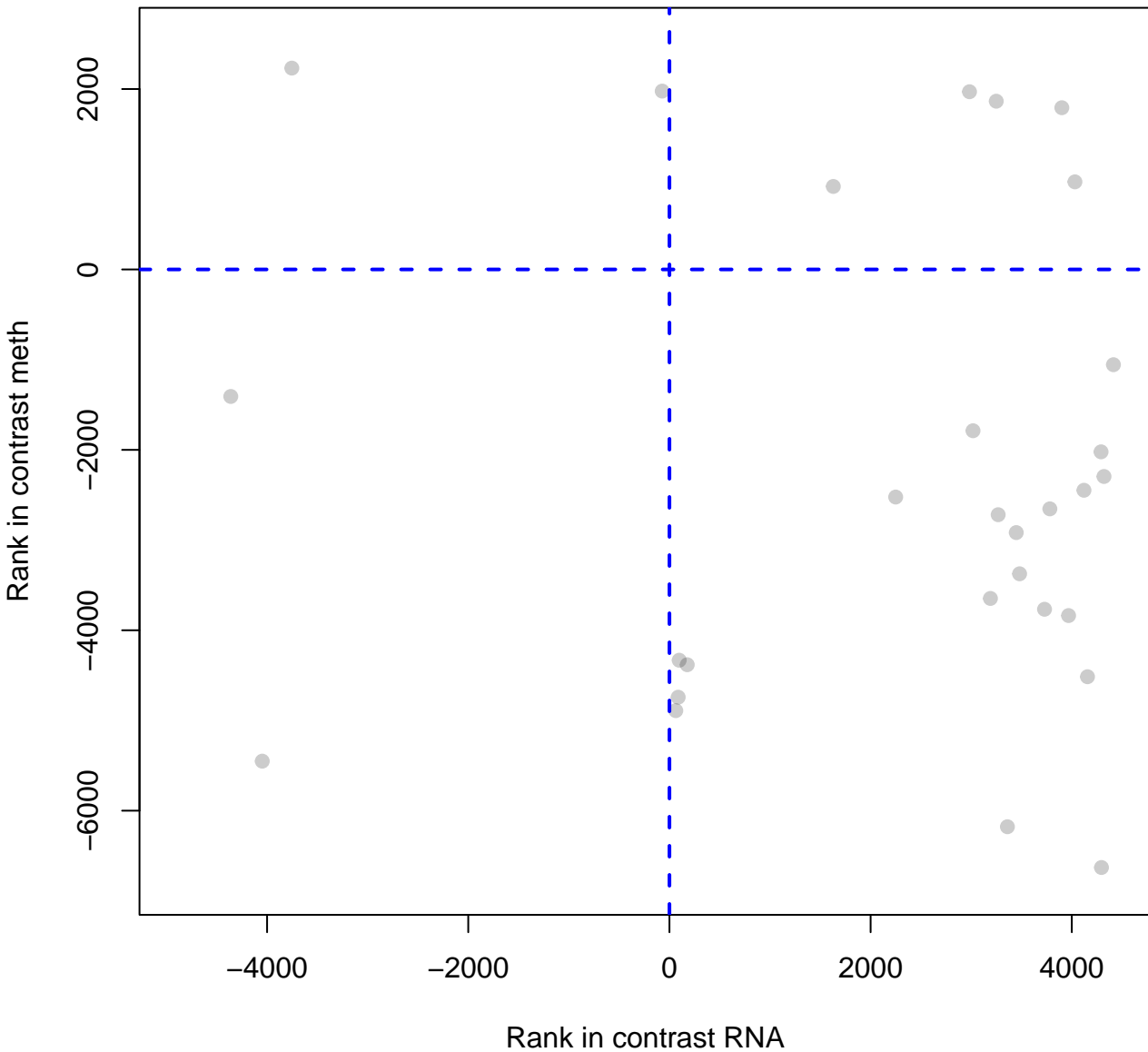
Autophagy



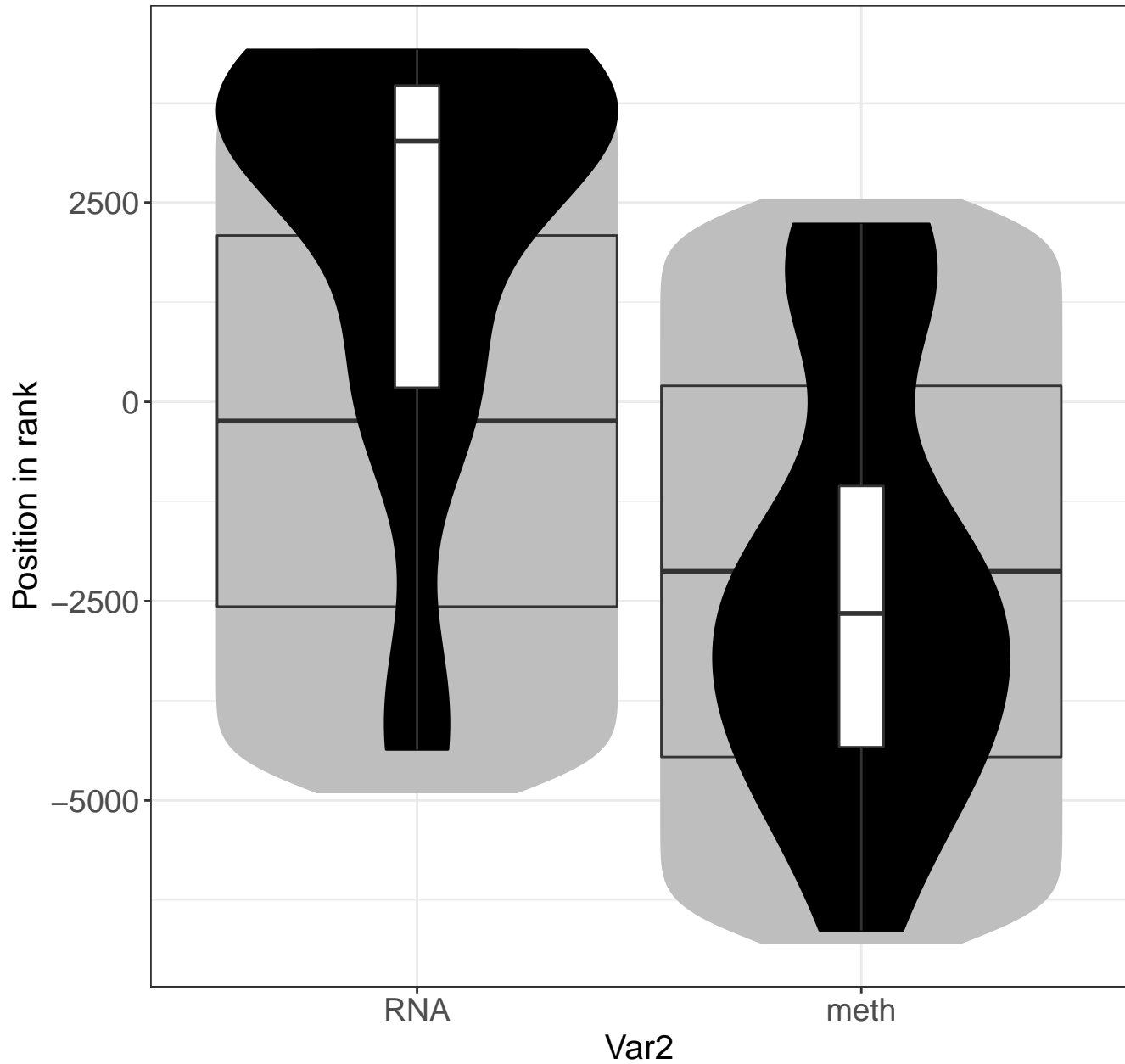
RHO GTPases Activate WASPs and WAVES



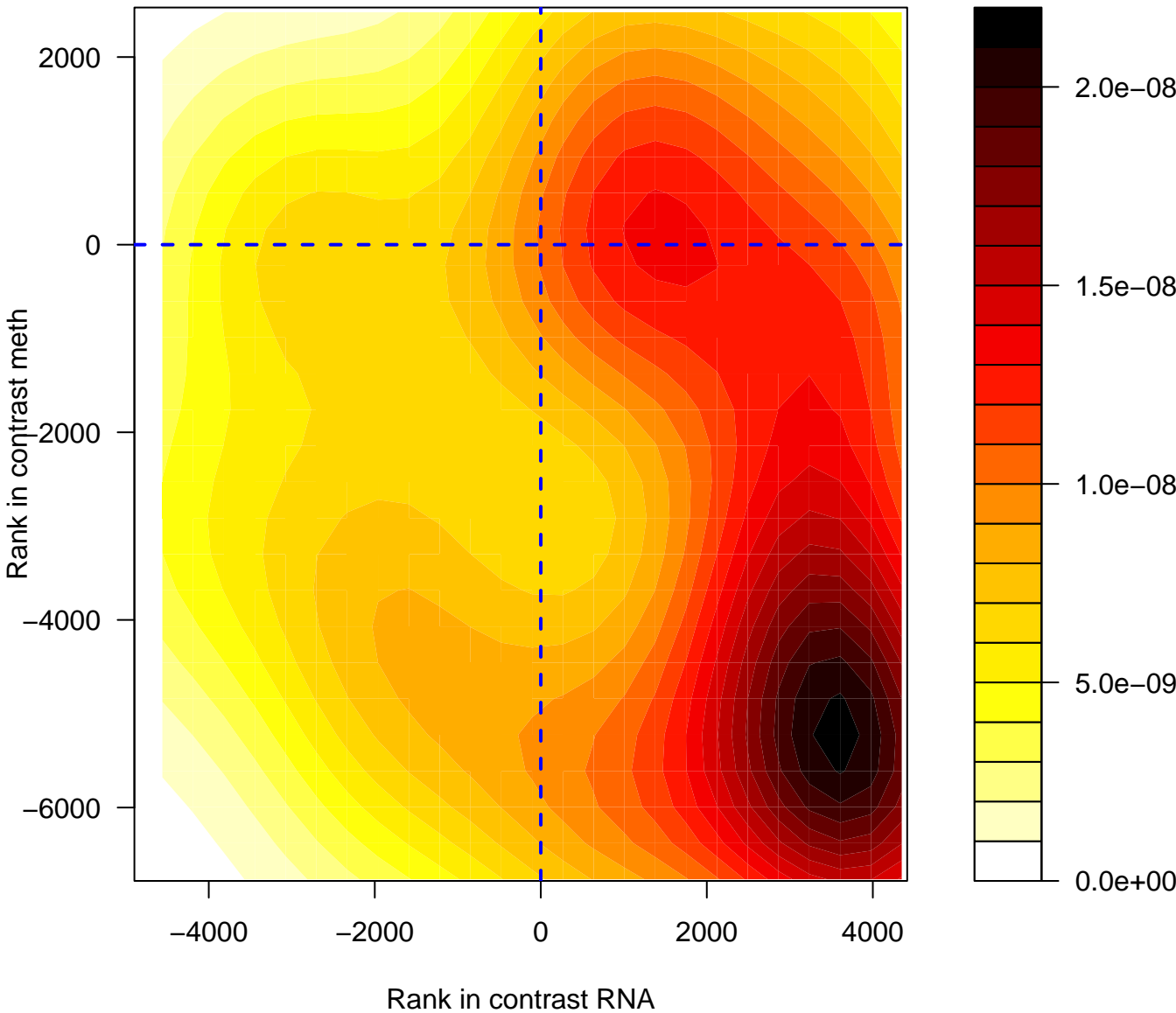
RHO GTPases Activate WASPs and WAVEs



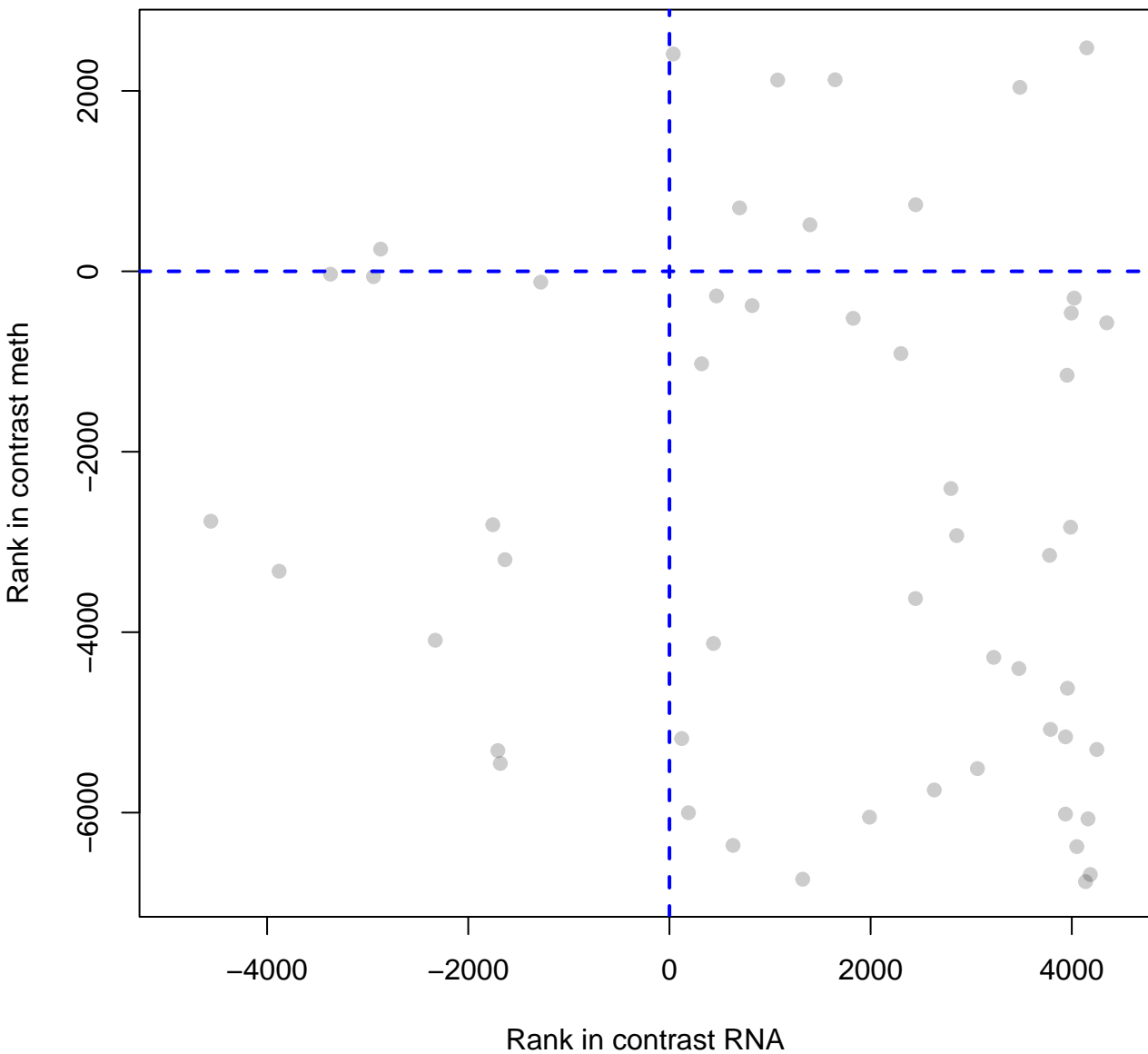
RHO GTPases Activate WASPs and WAVEs



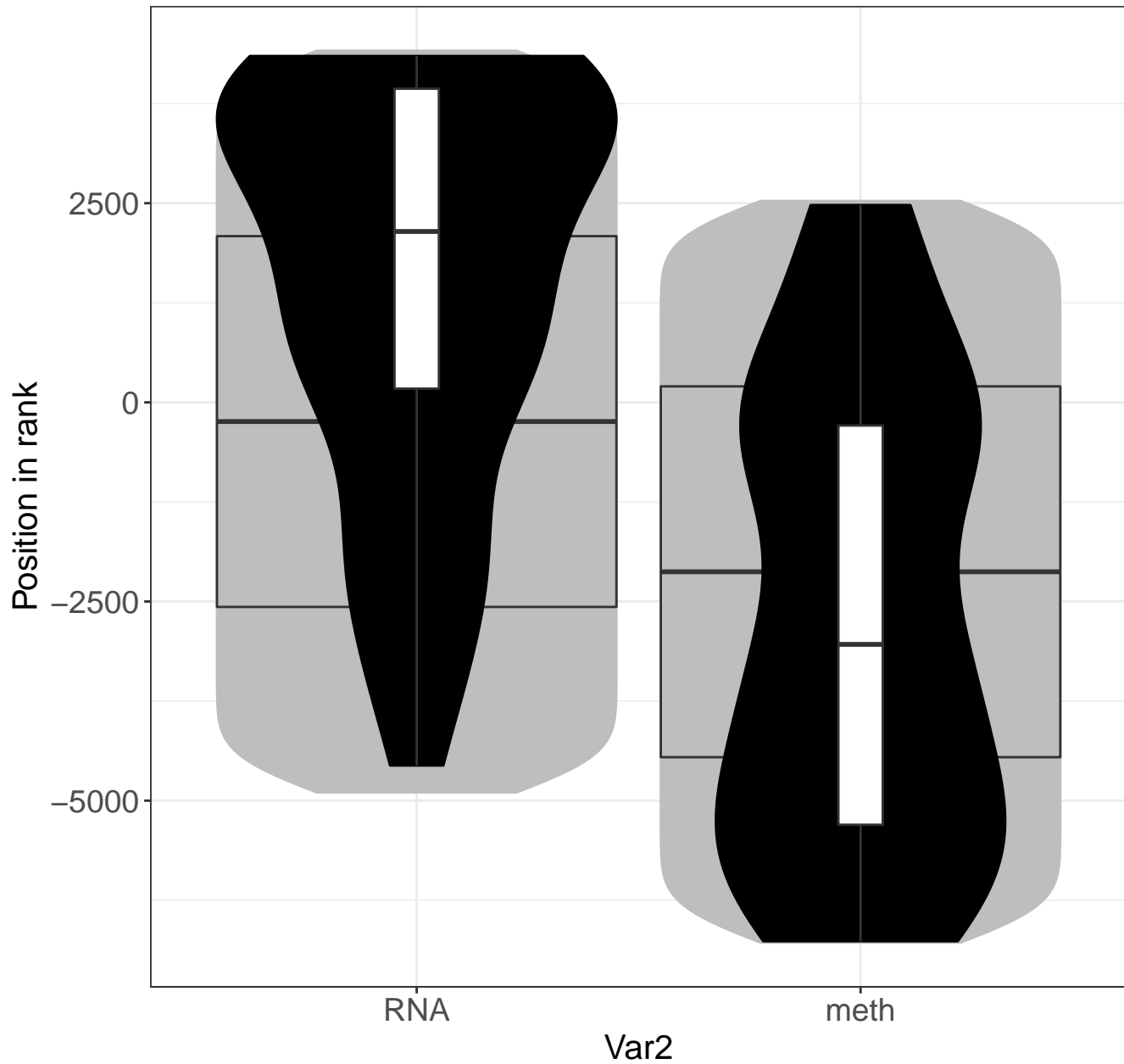
trans-Golgi Network Vesicle Budding



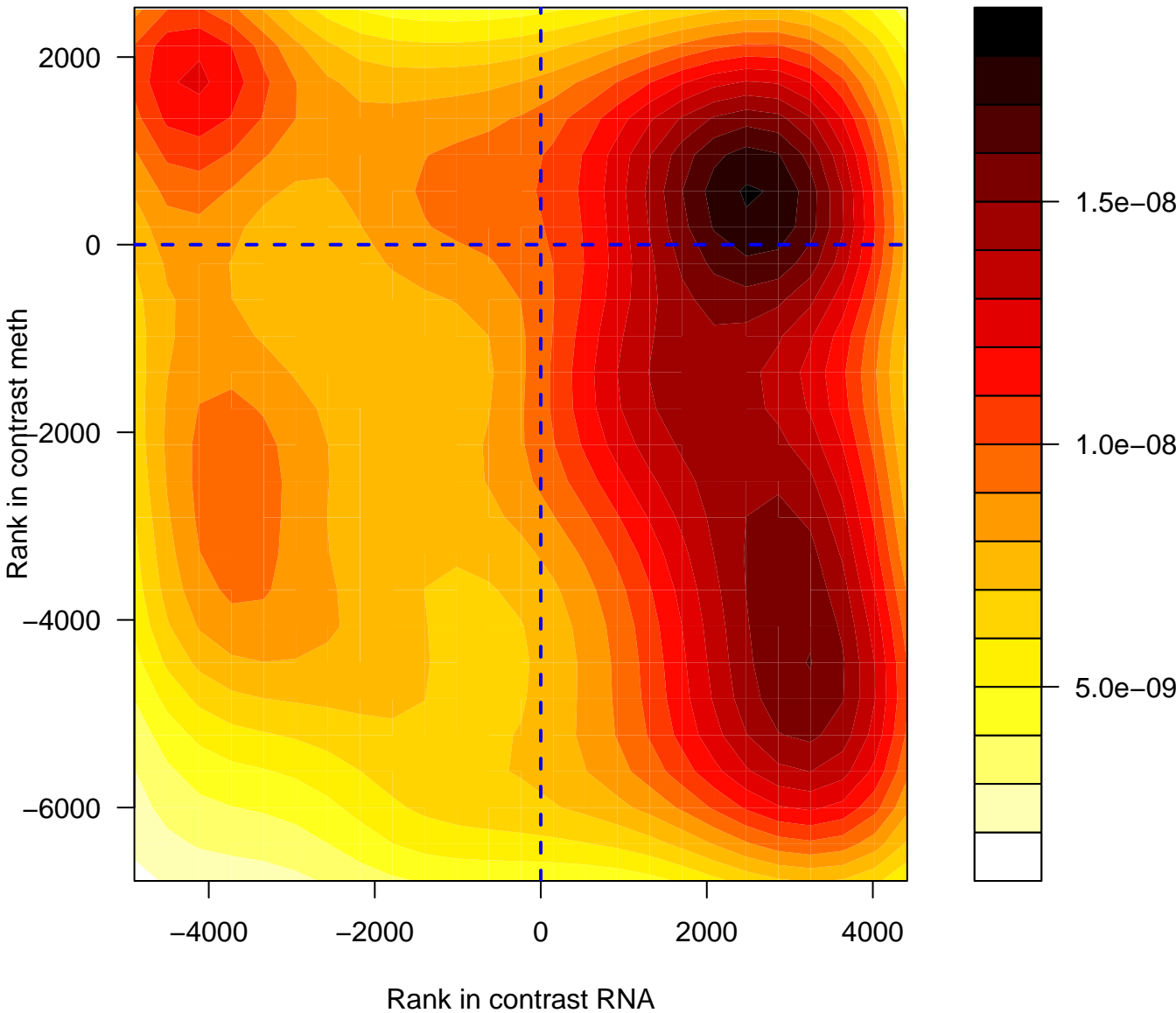
trans-Golgi Network Vesicle Budding



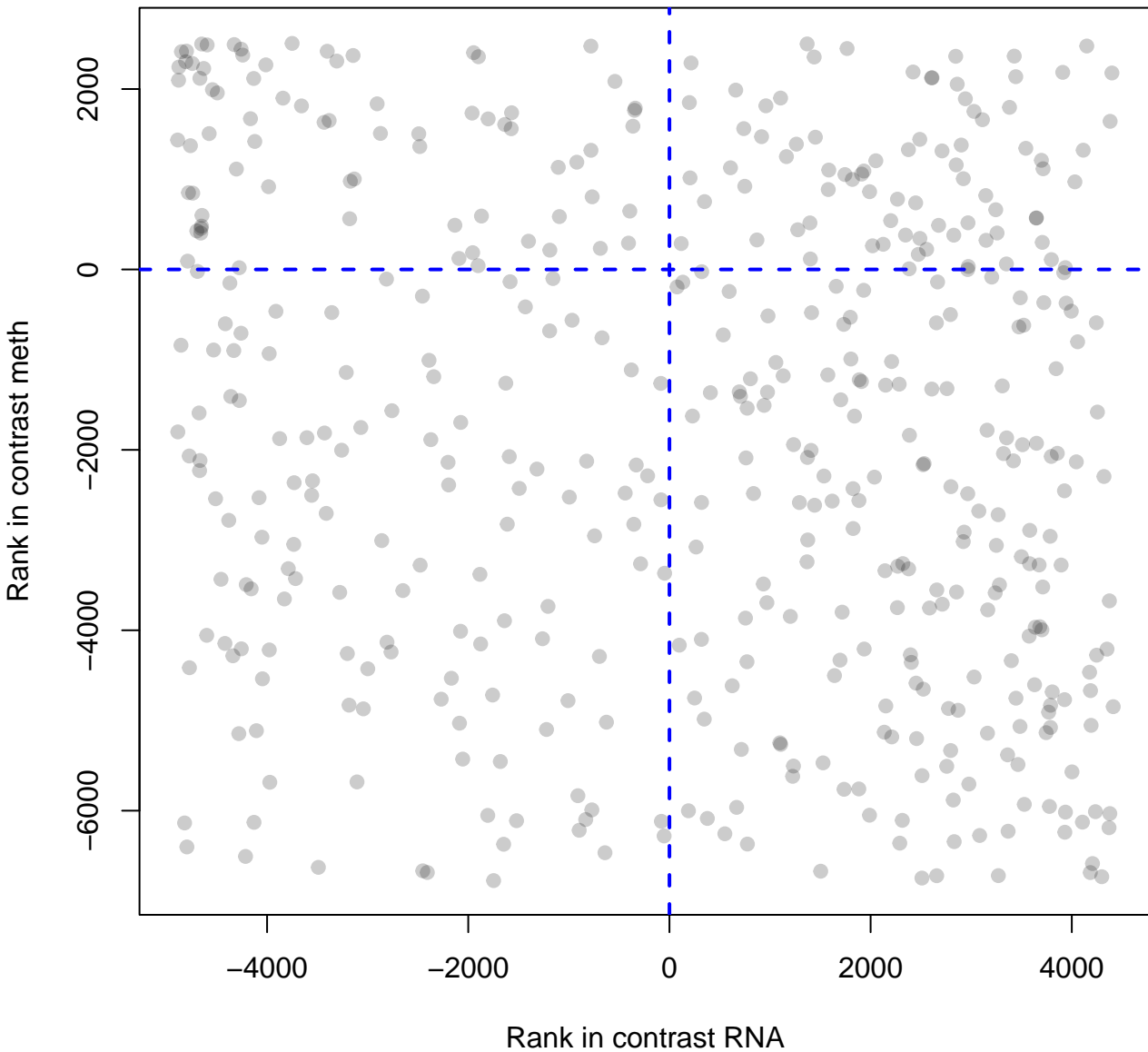
trans-Golgi Network Vesicle Budding



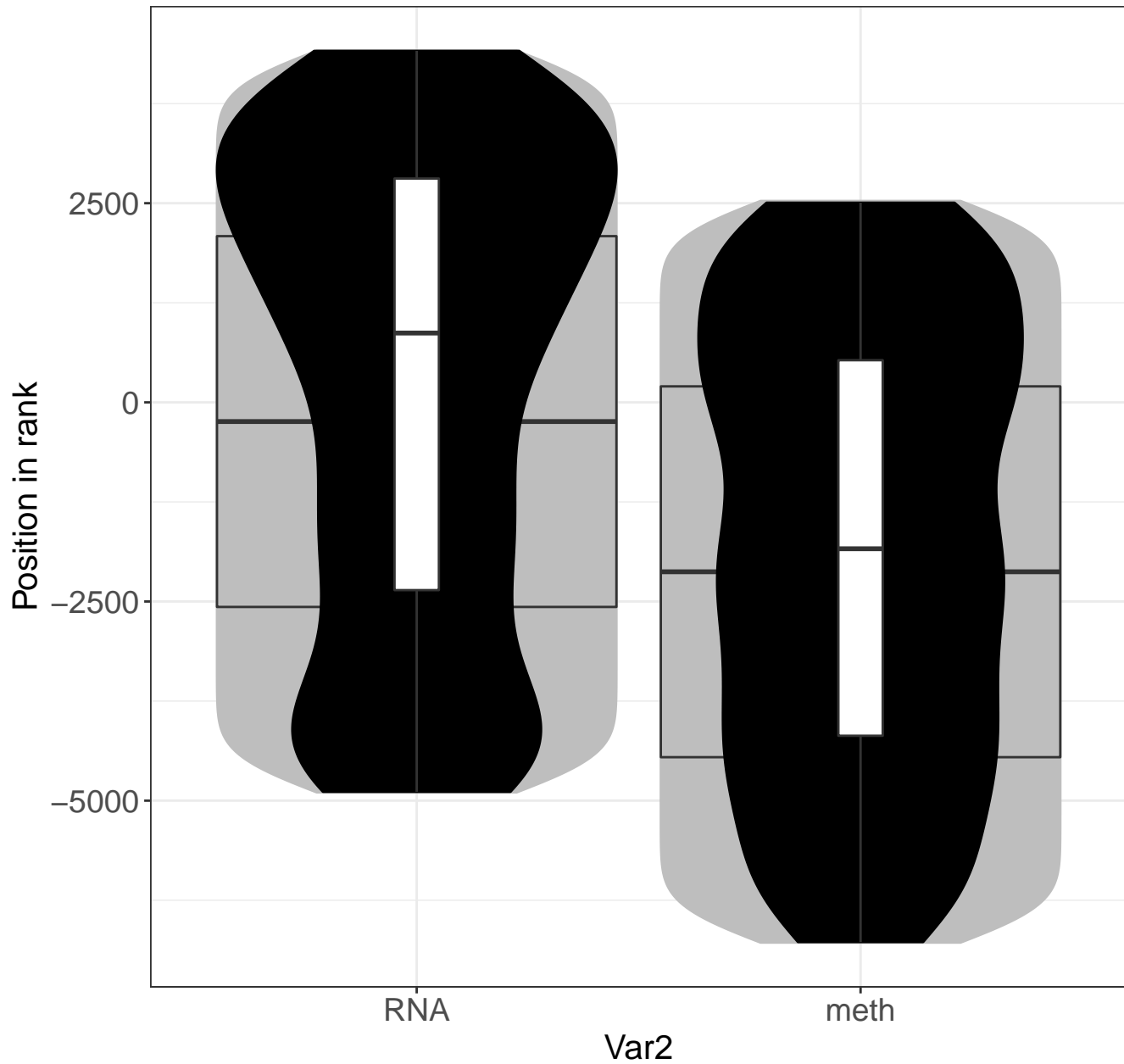
Adaptive Immune System



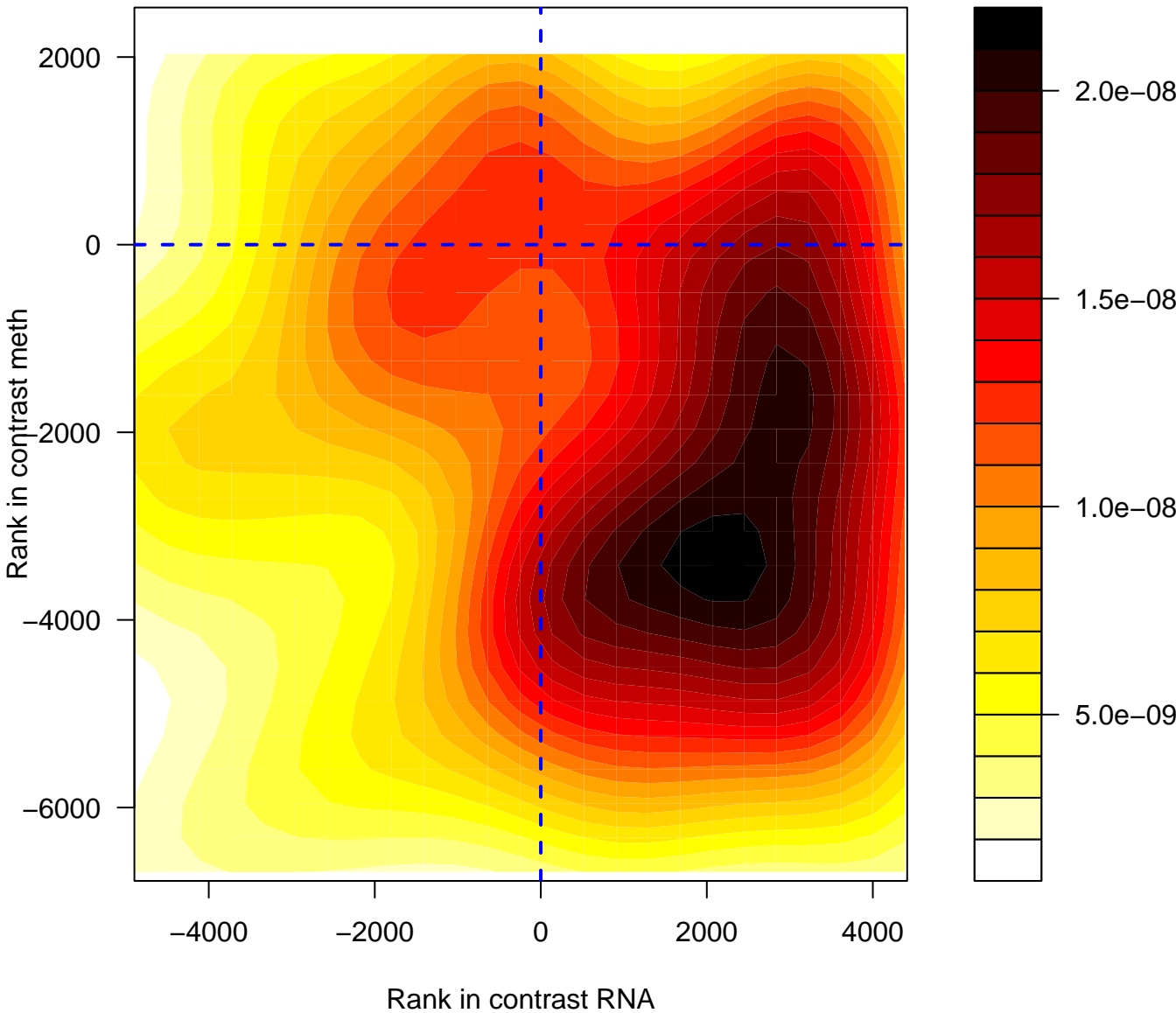
Adaptive Immune System



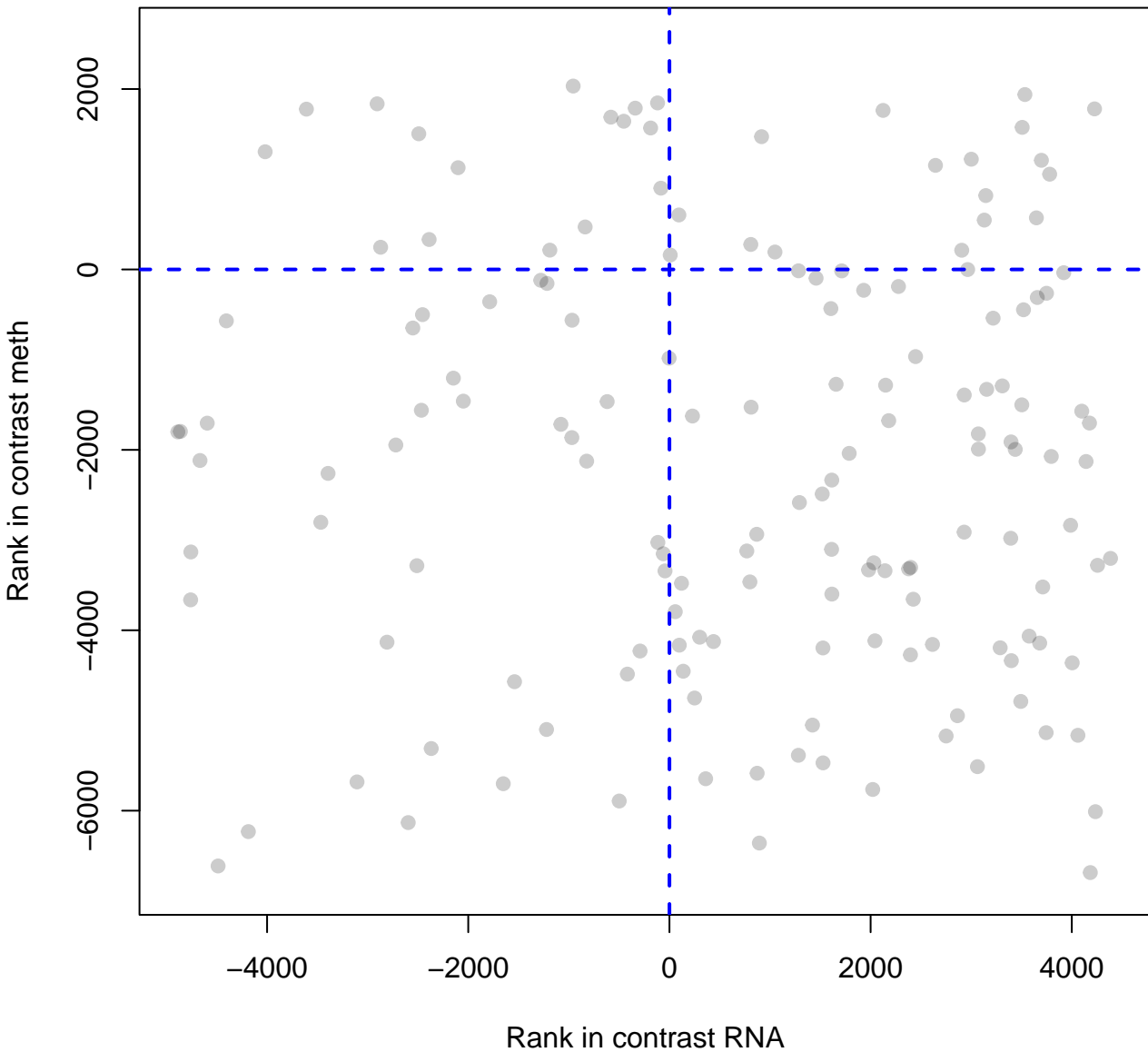
Adaptive Immune System



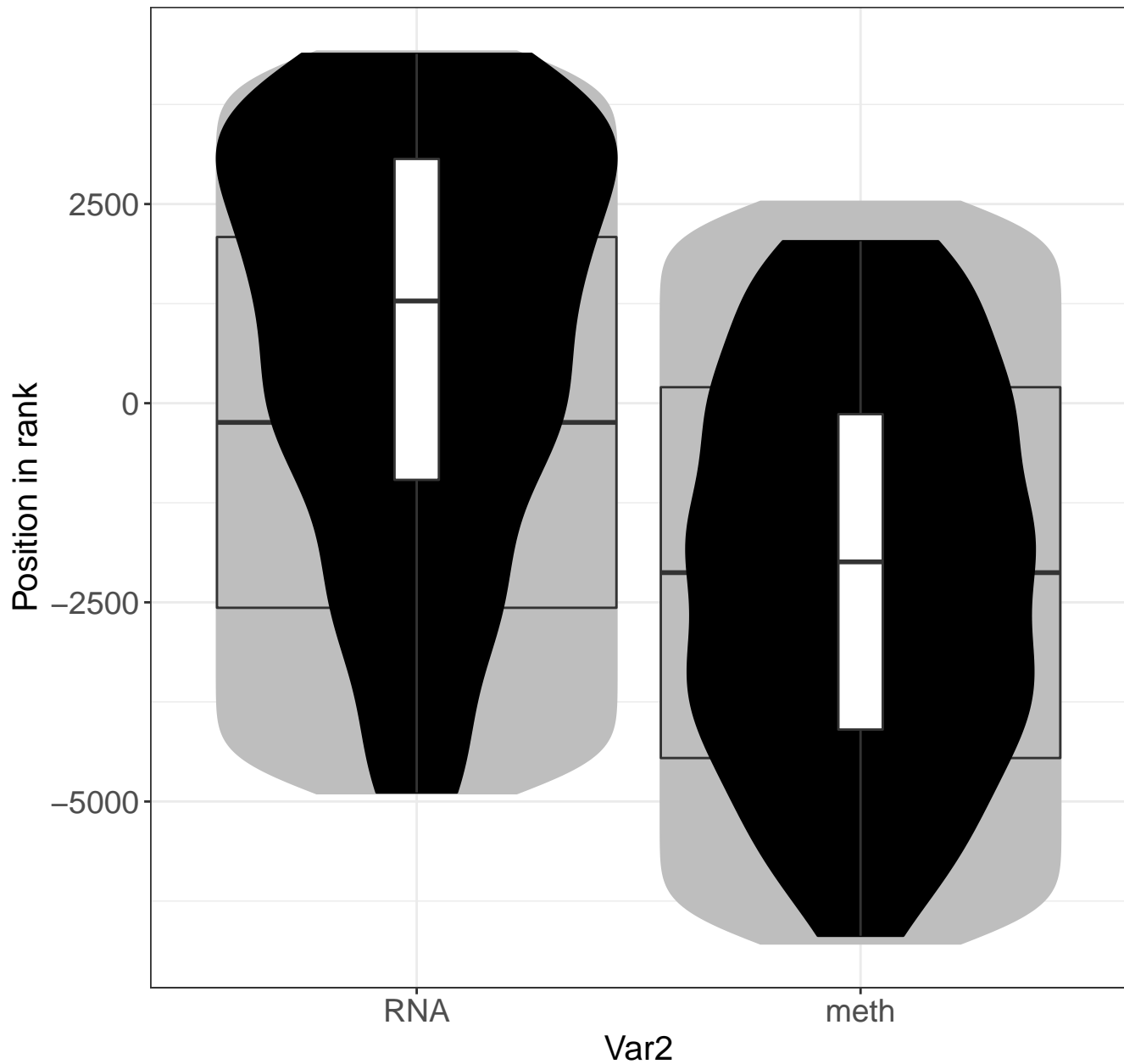
Intra-Golgi and retrograde Golgi-to-ER traffic



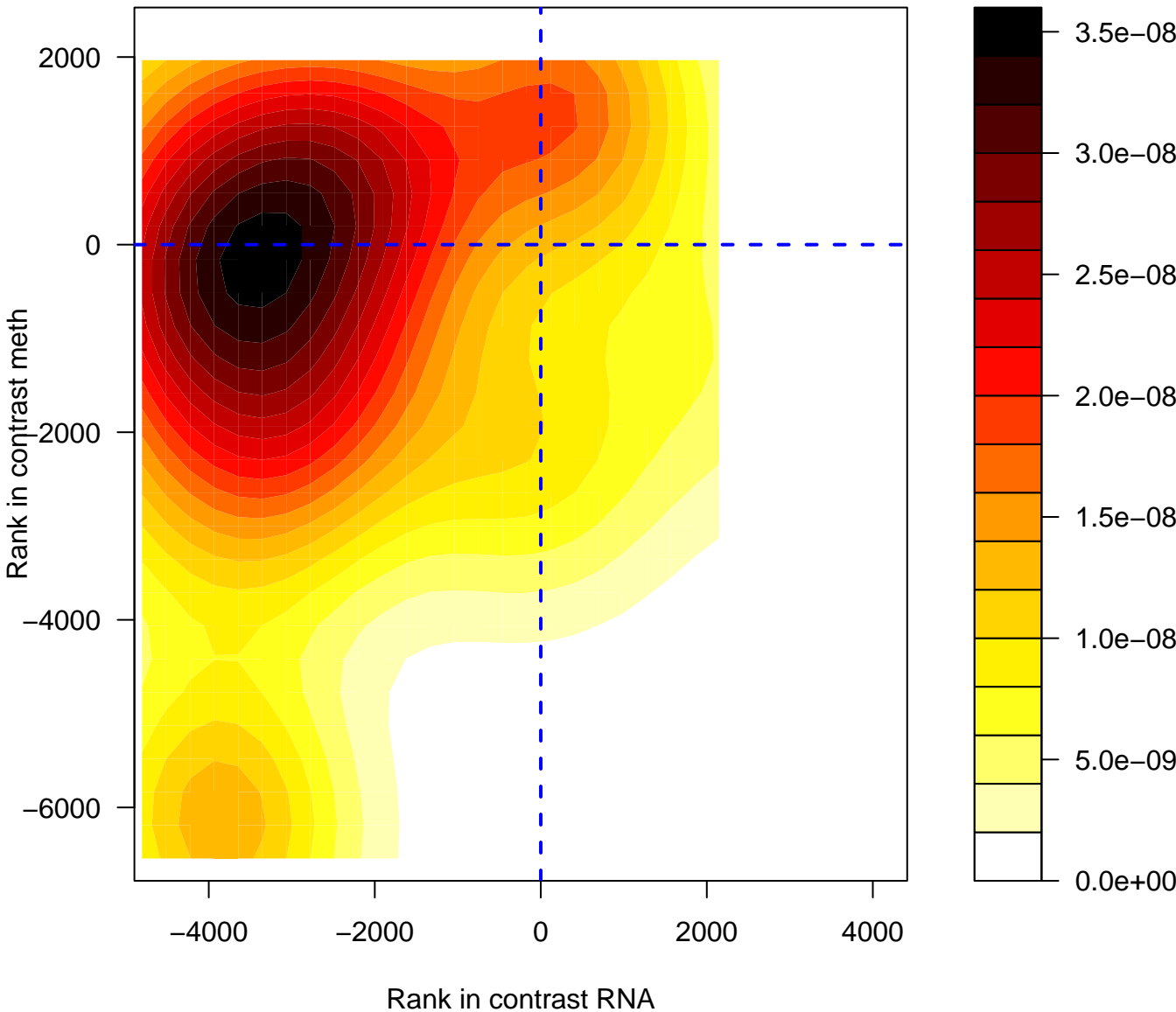
Intra-Golgi and retrograde Golgi-to-ER traffic



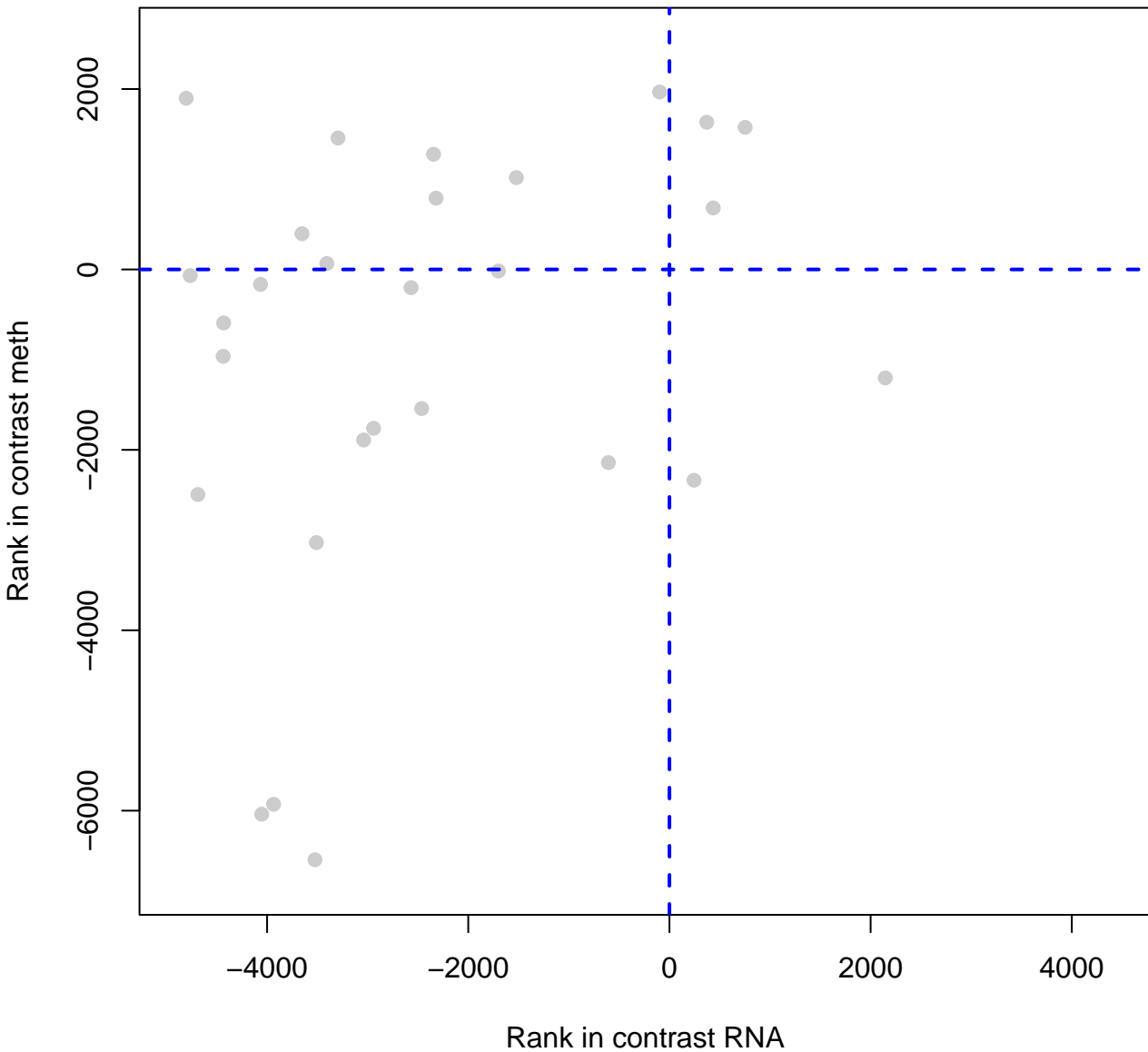
Intra-Golgi and retrograde Golgi-to-ER traffic



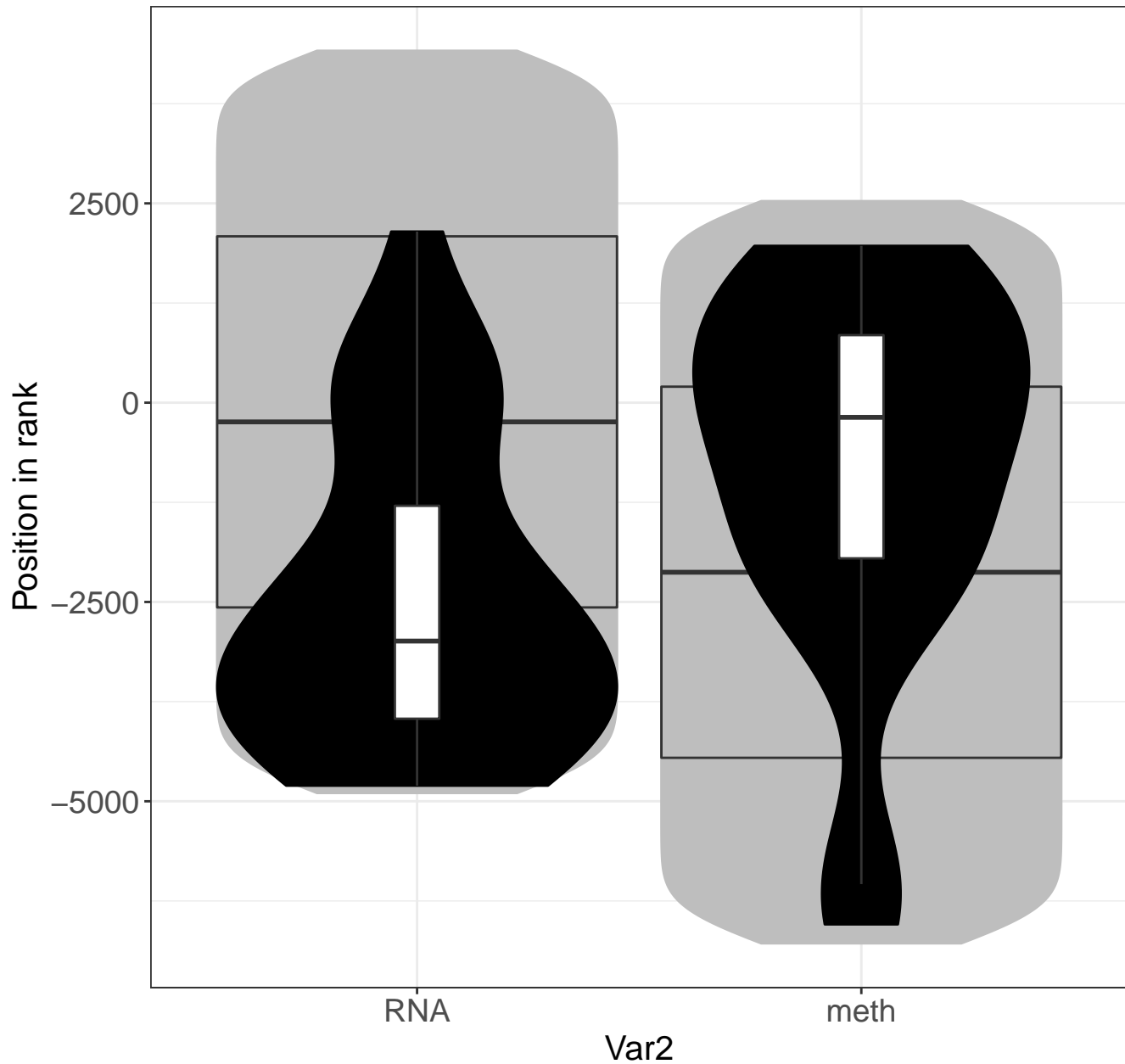
Activation of the pre-replicative complex



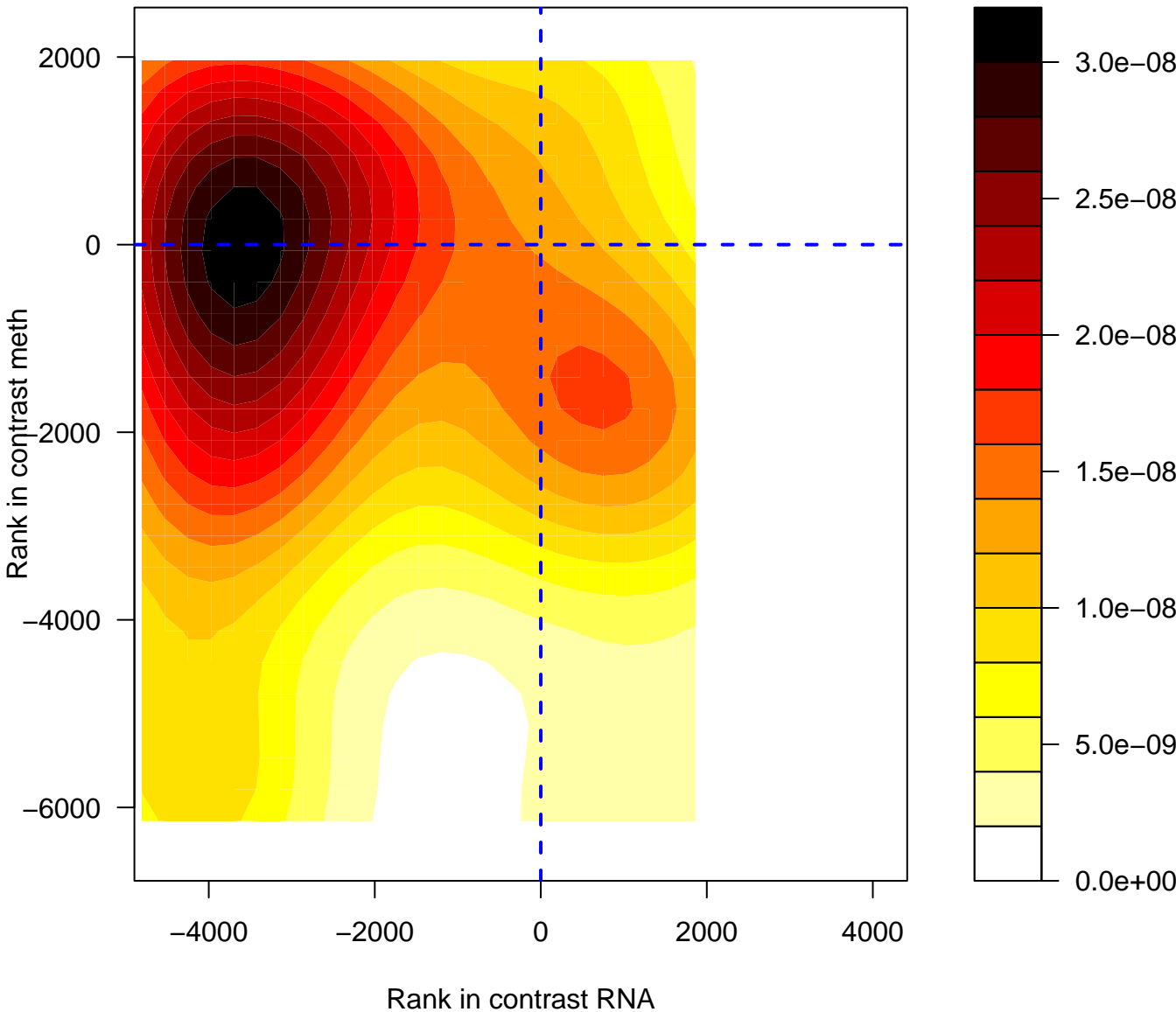
Activation of the pre-replicative complex



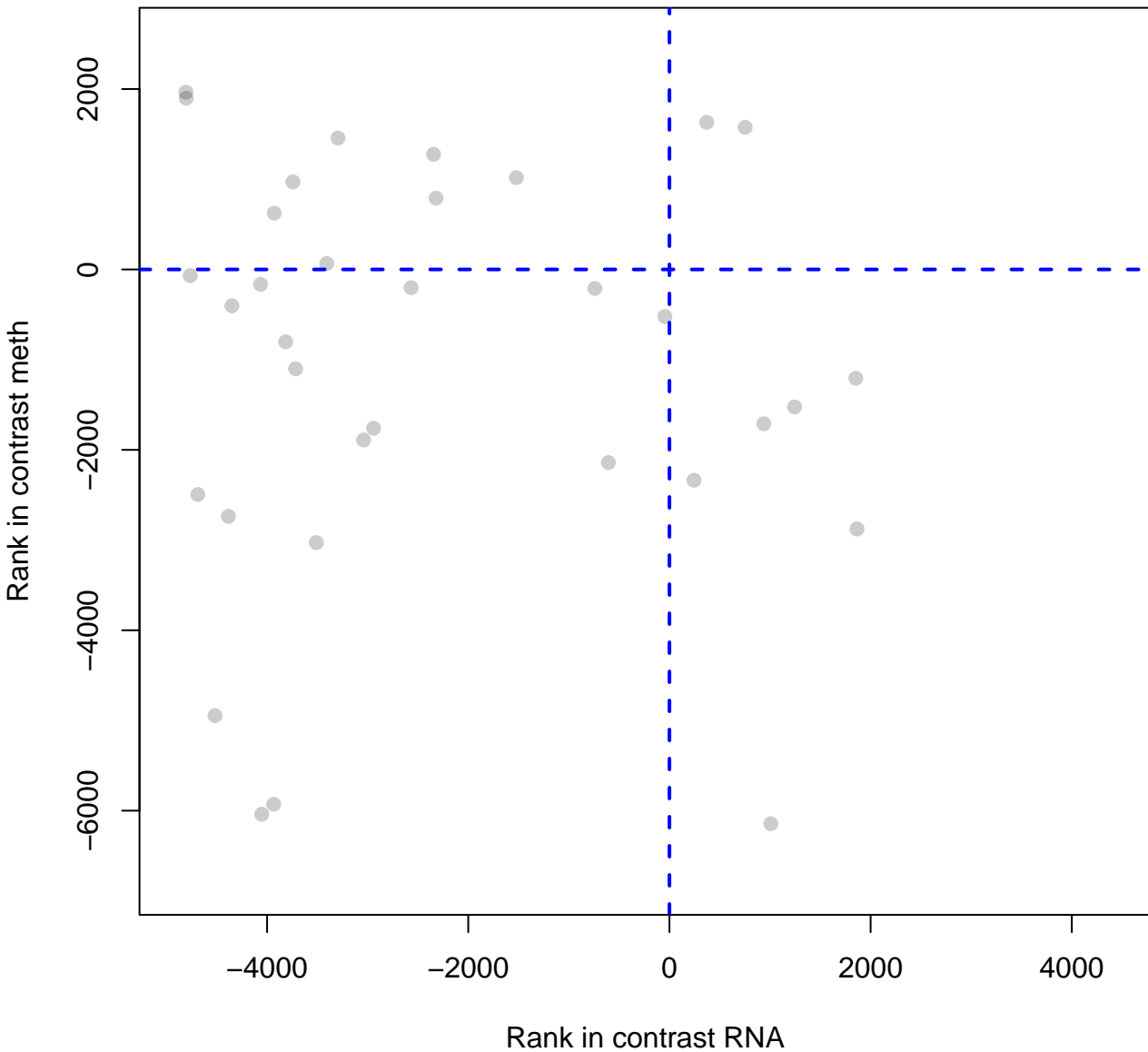
Activation of the pre-replicative complex



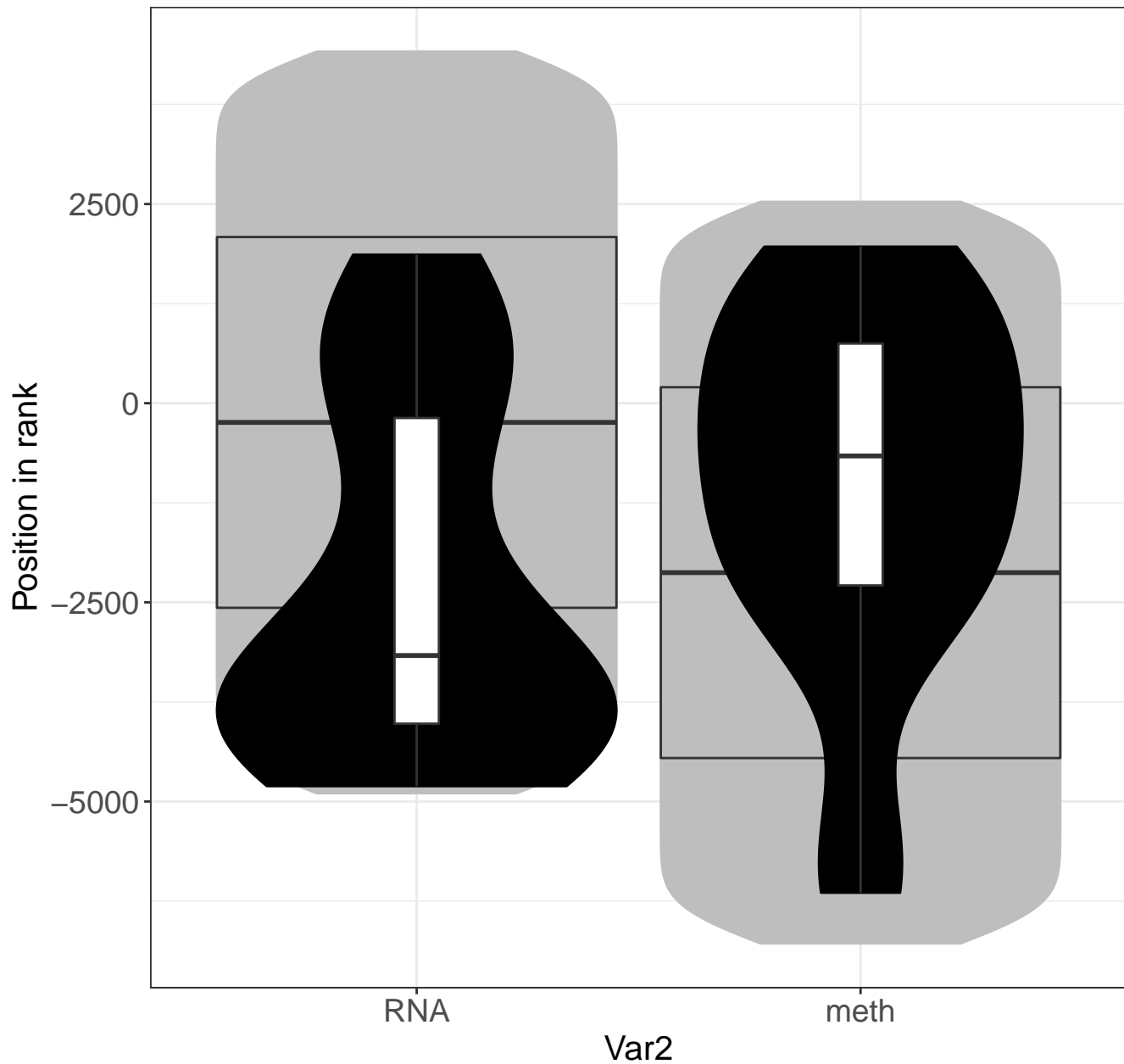
Activation of ATR in response to replication stress



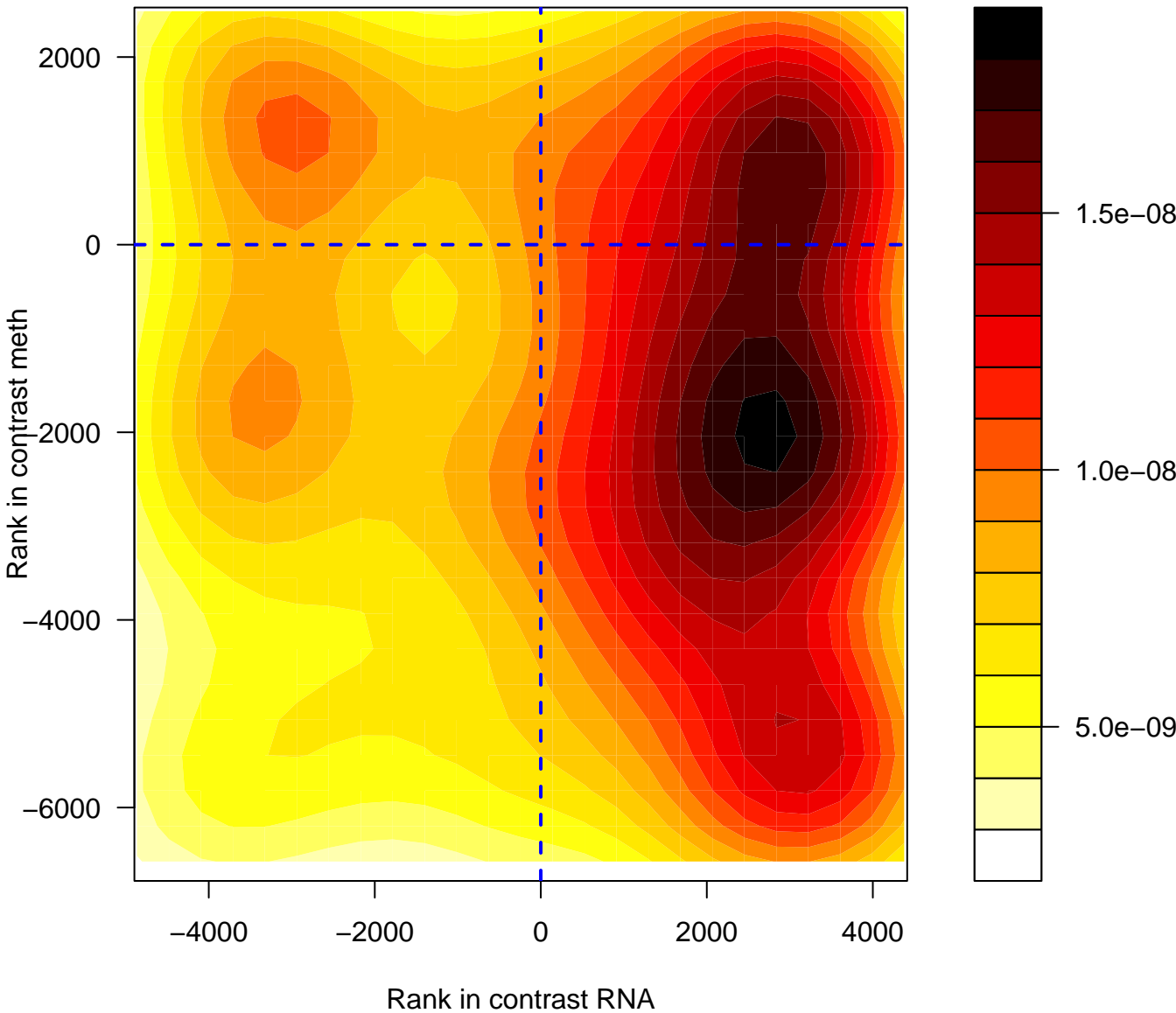
Activation of ATR in response to replication stress



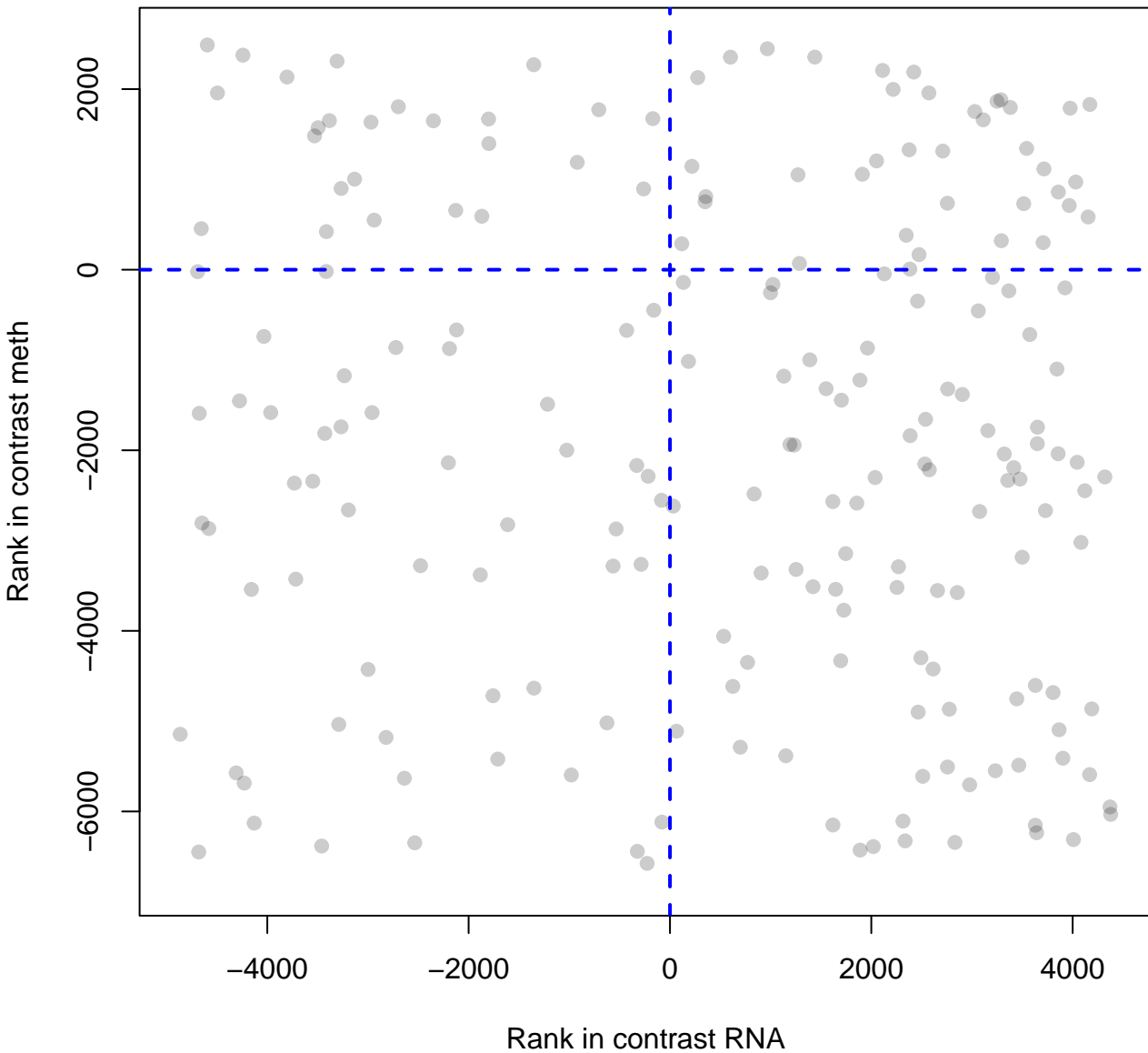
Activation of ATR in response to replication stress



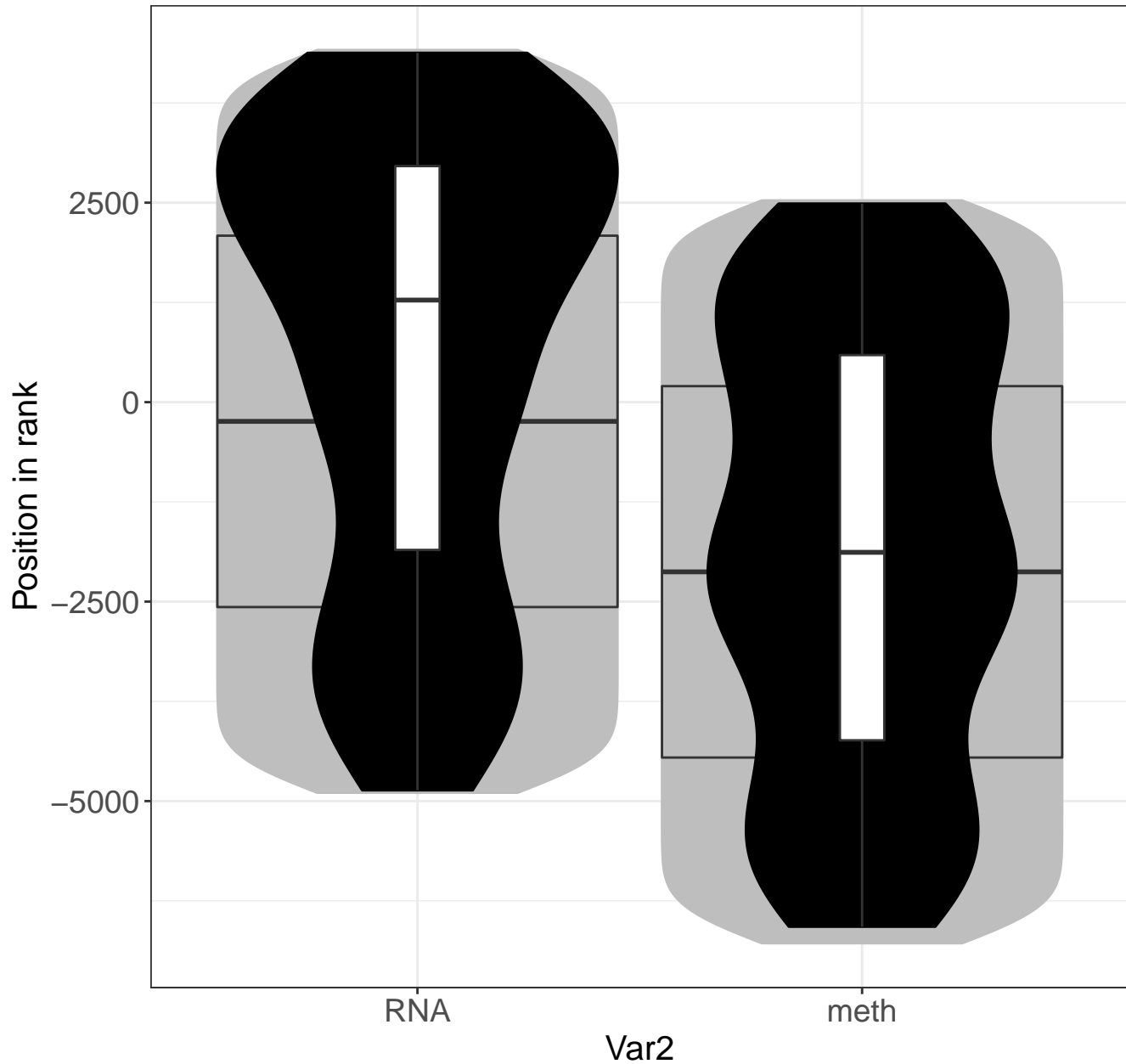
Intracellular signaling by second messengers



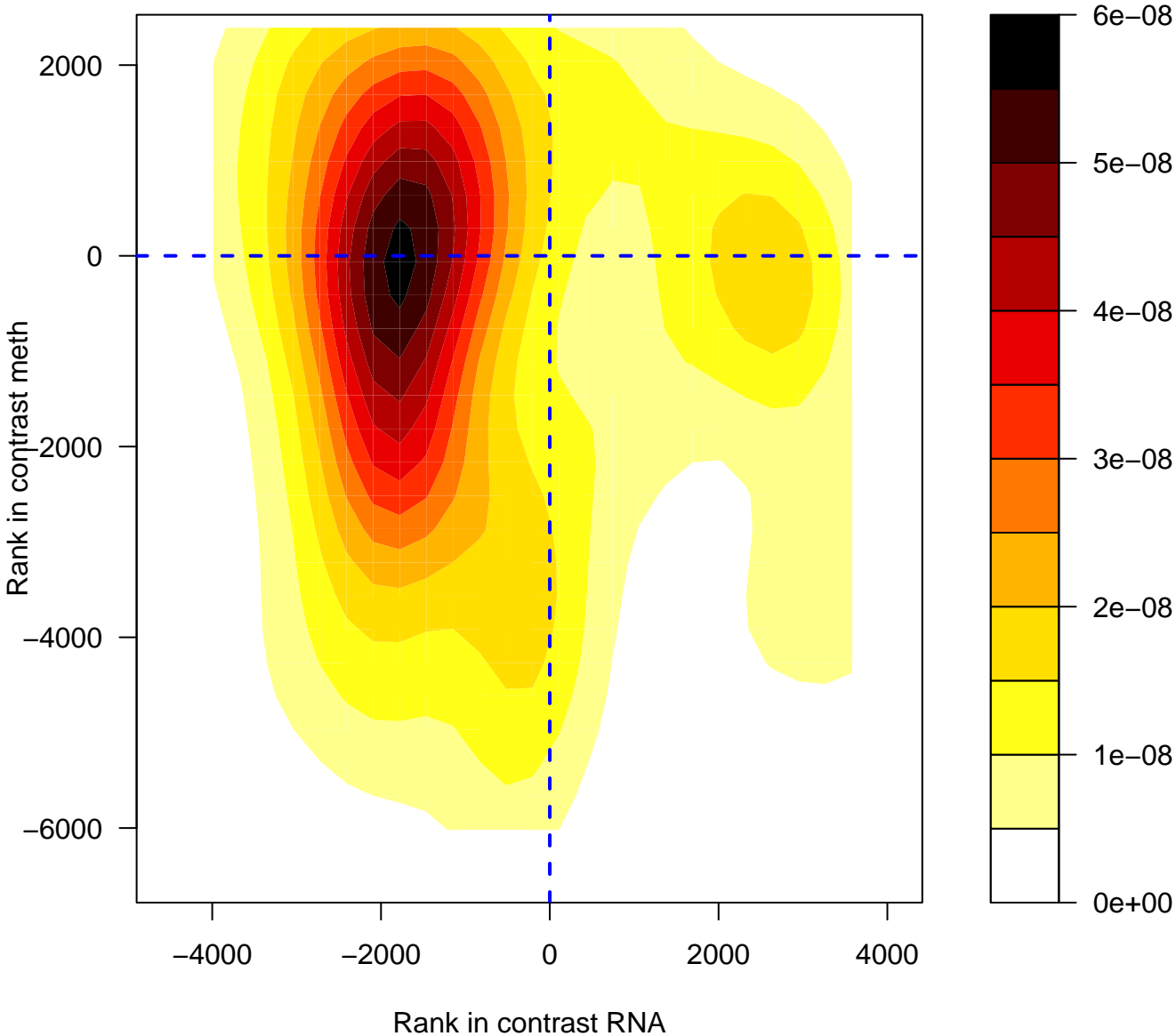
Intracellular signaling by second messengers



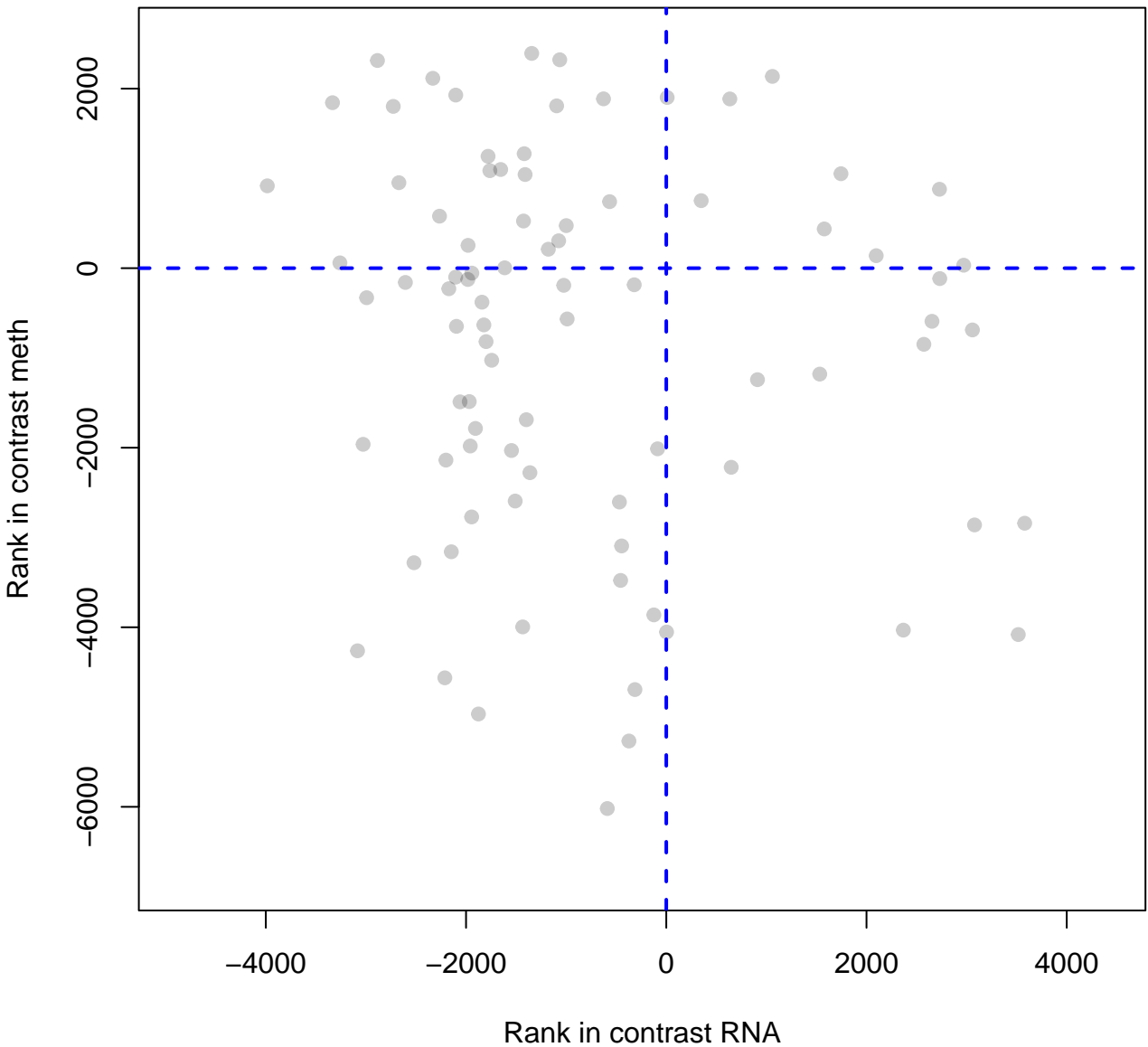
Intracellular signaling by second messengers



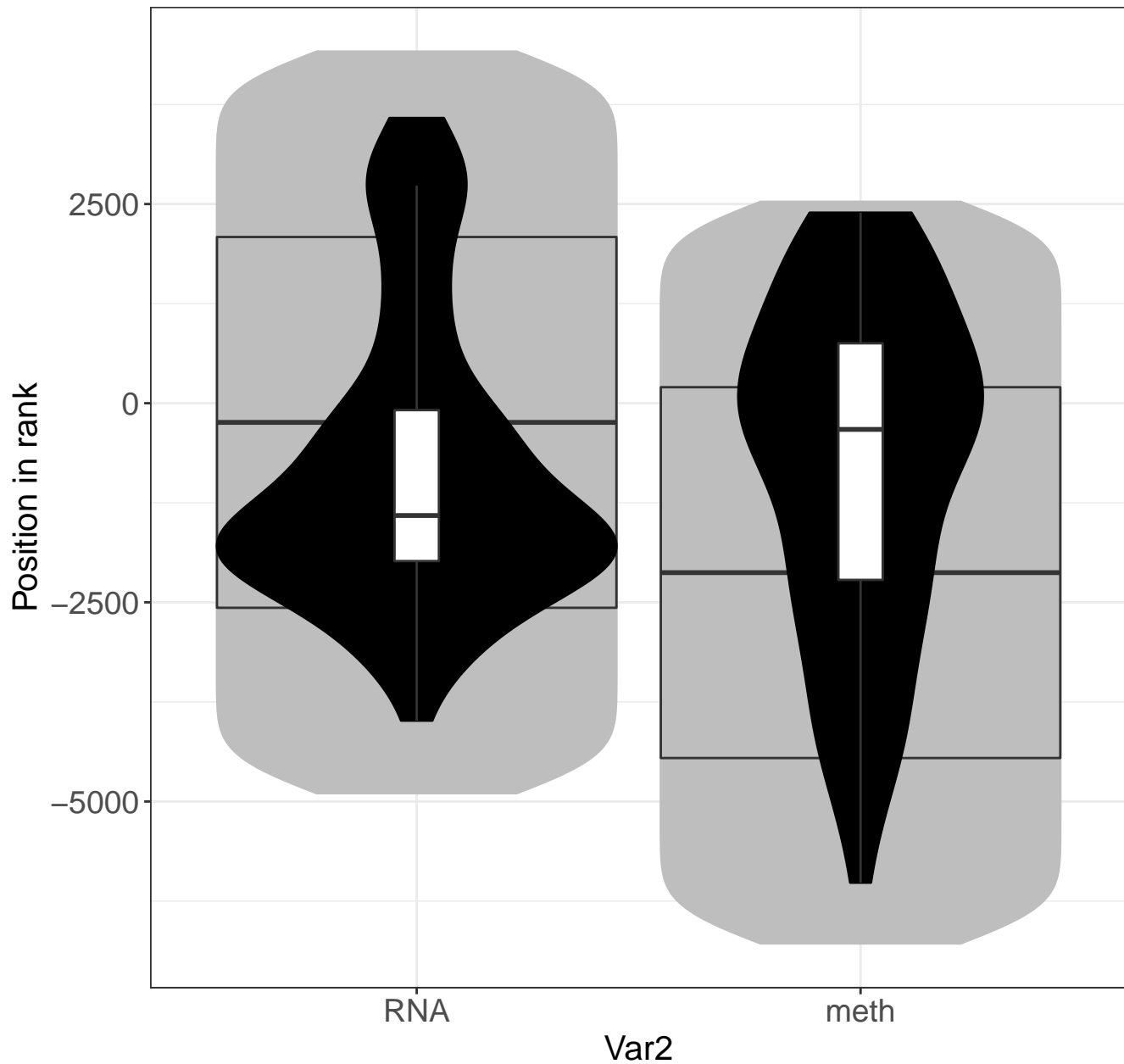
SRP-dependent cotranslational protein targeting to memb



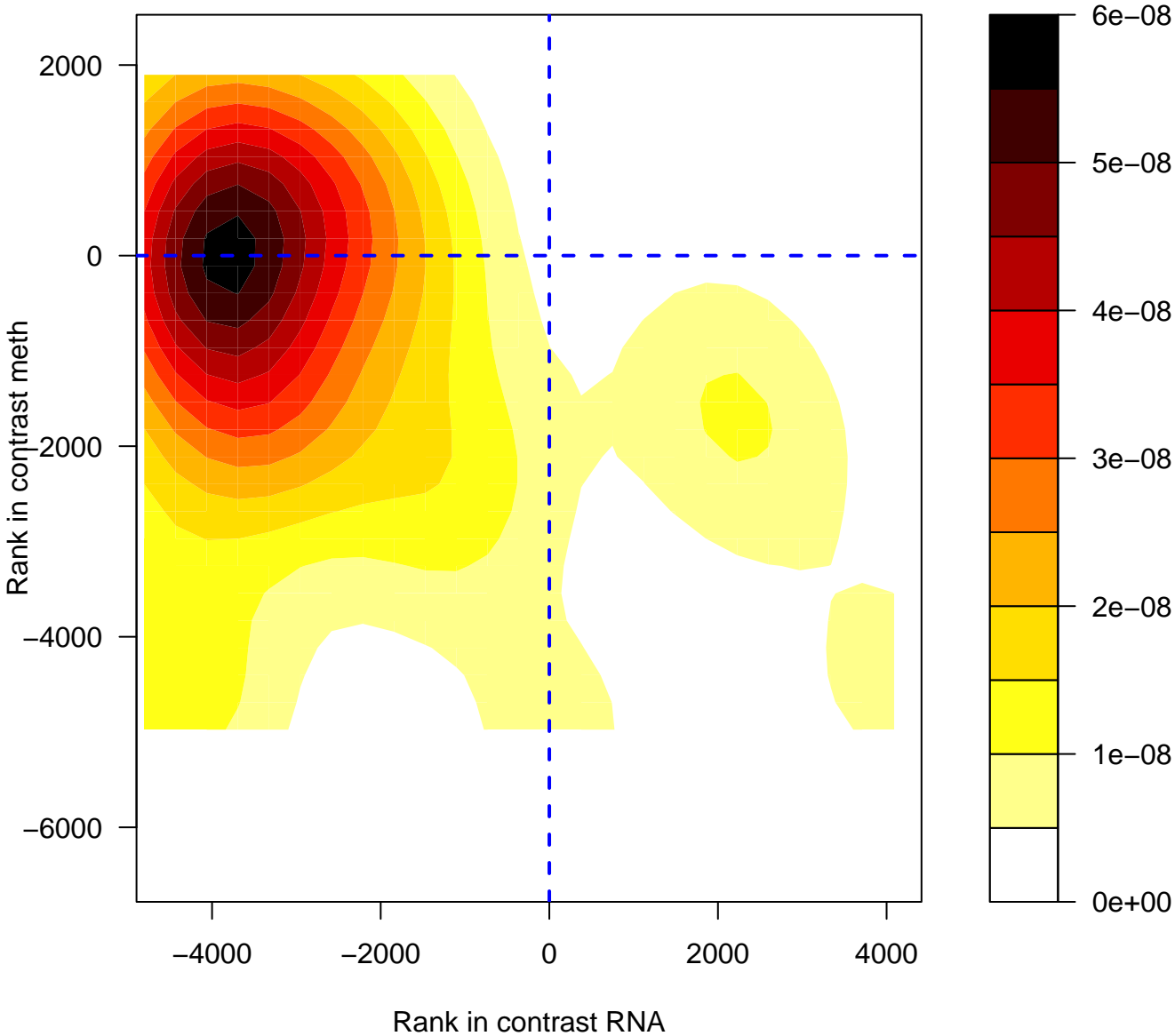
SRP-dependent cotranslational protein targeting to membrane



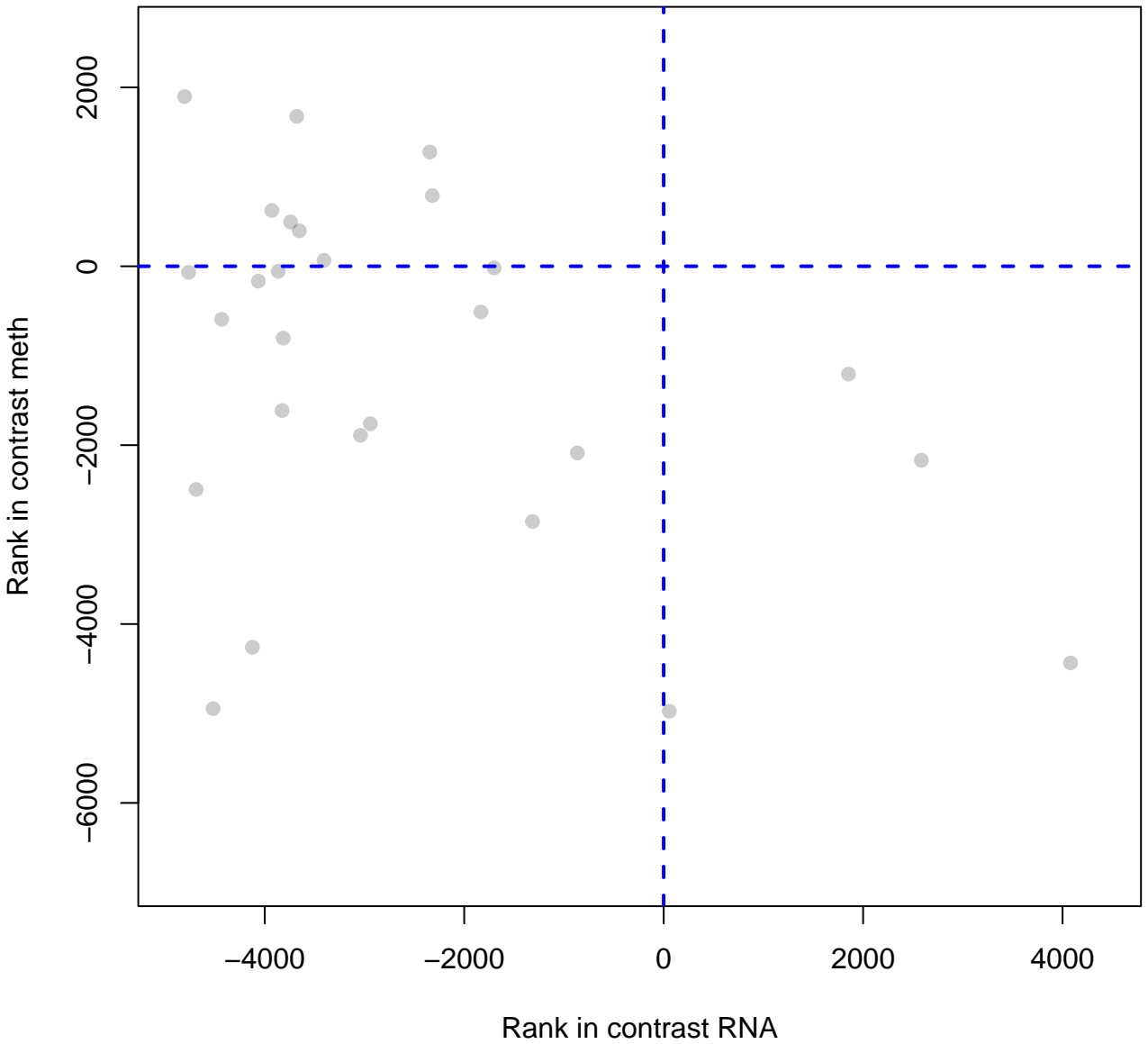
SRP-dependent cotranslational protein targeting



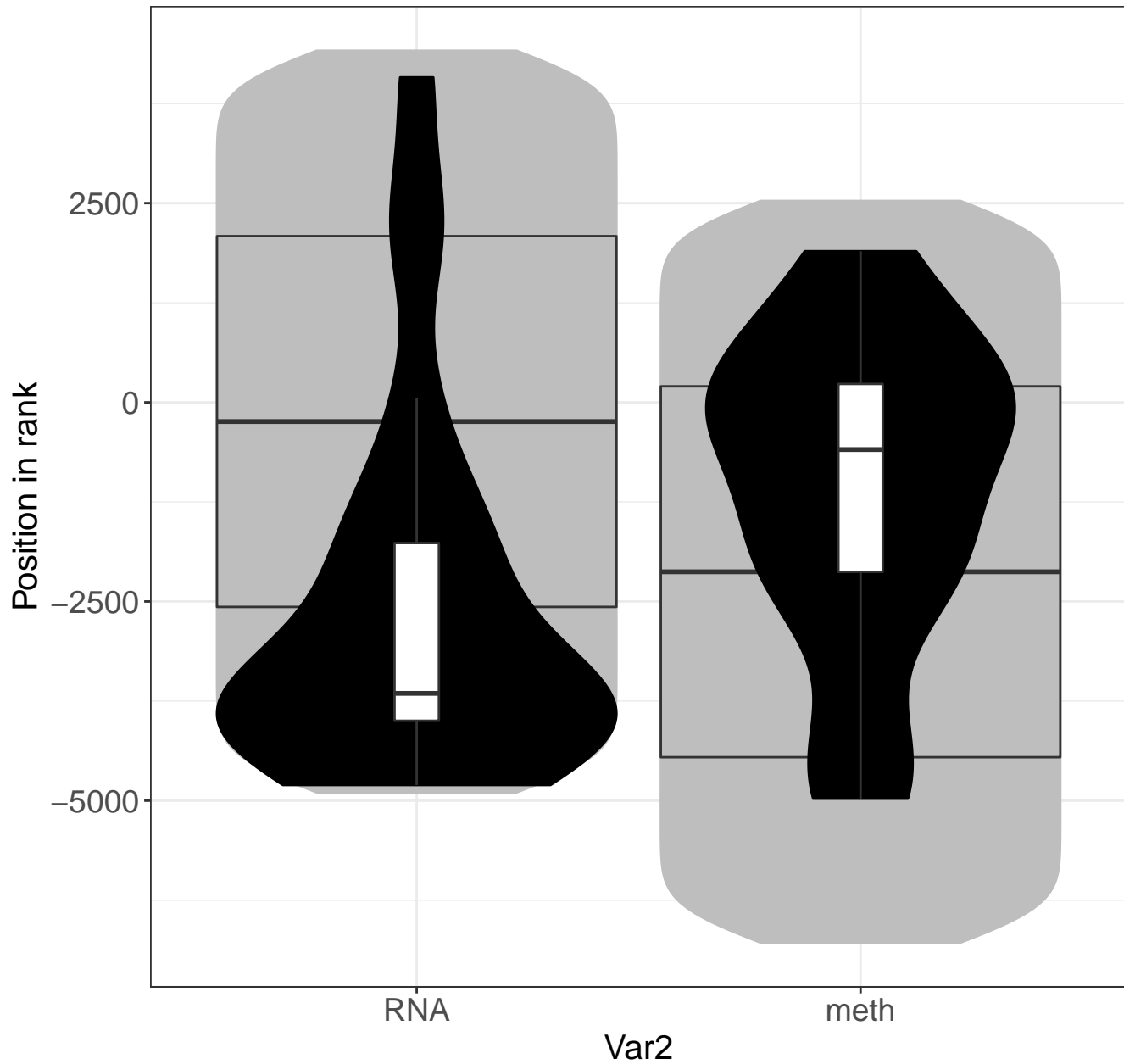
DNA strand elongation



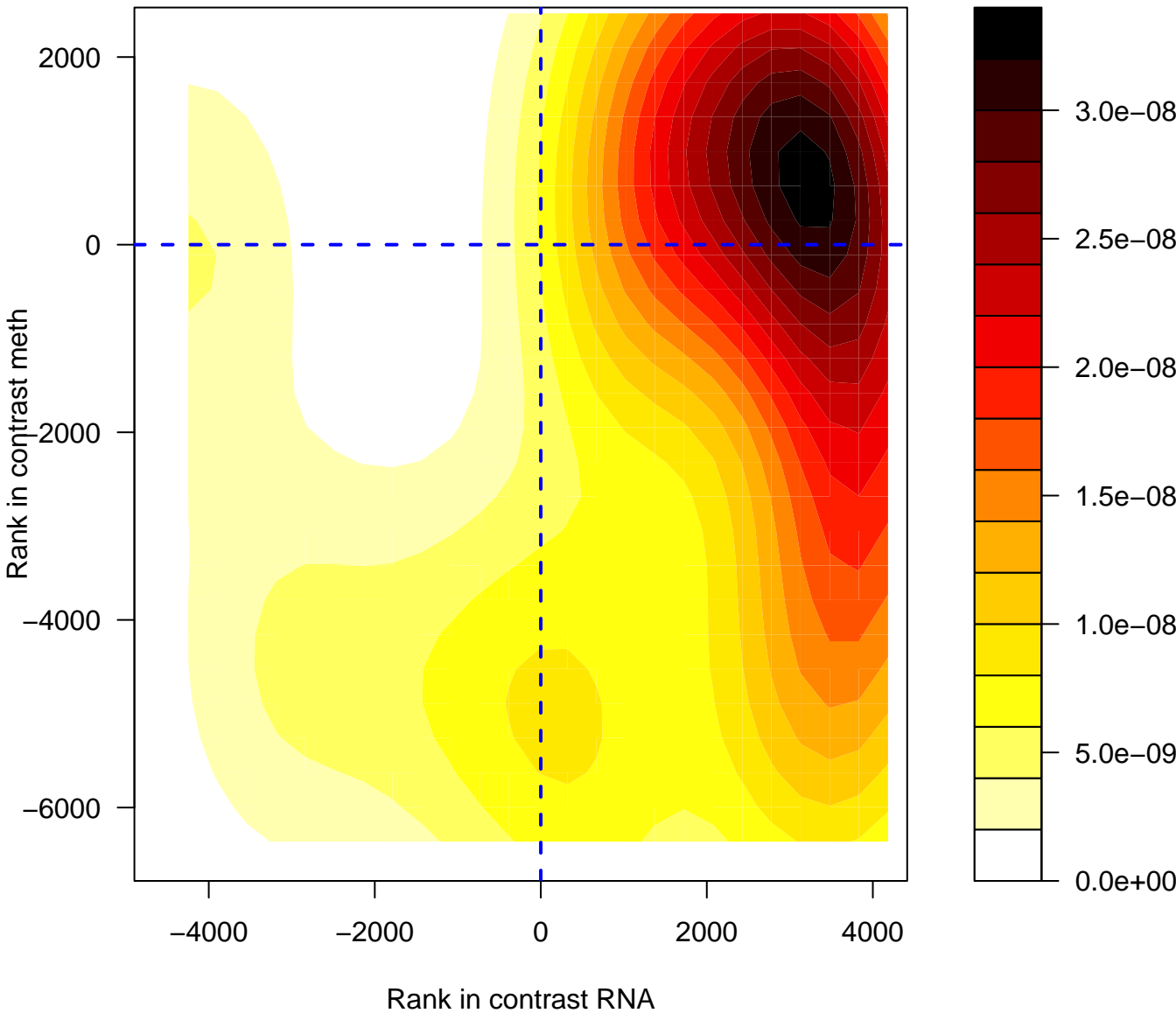
DNA strand elongation



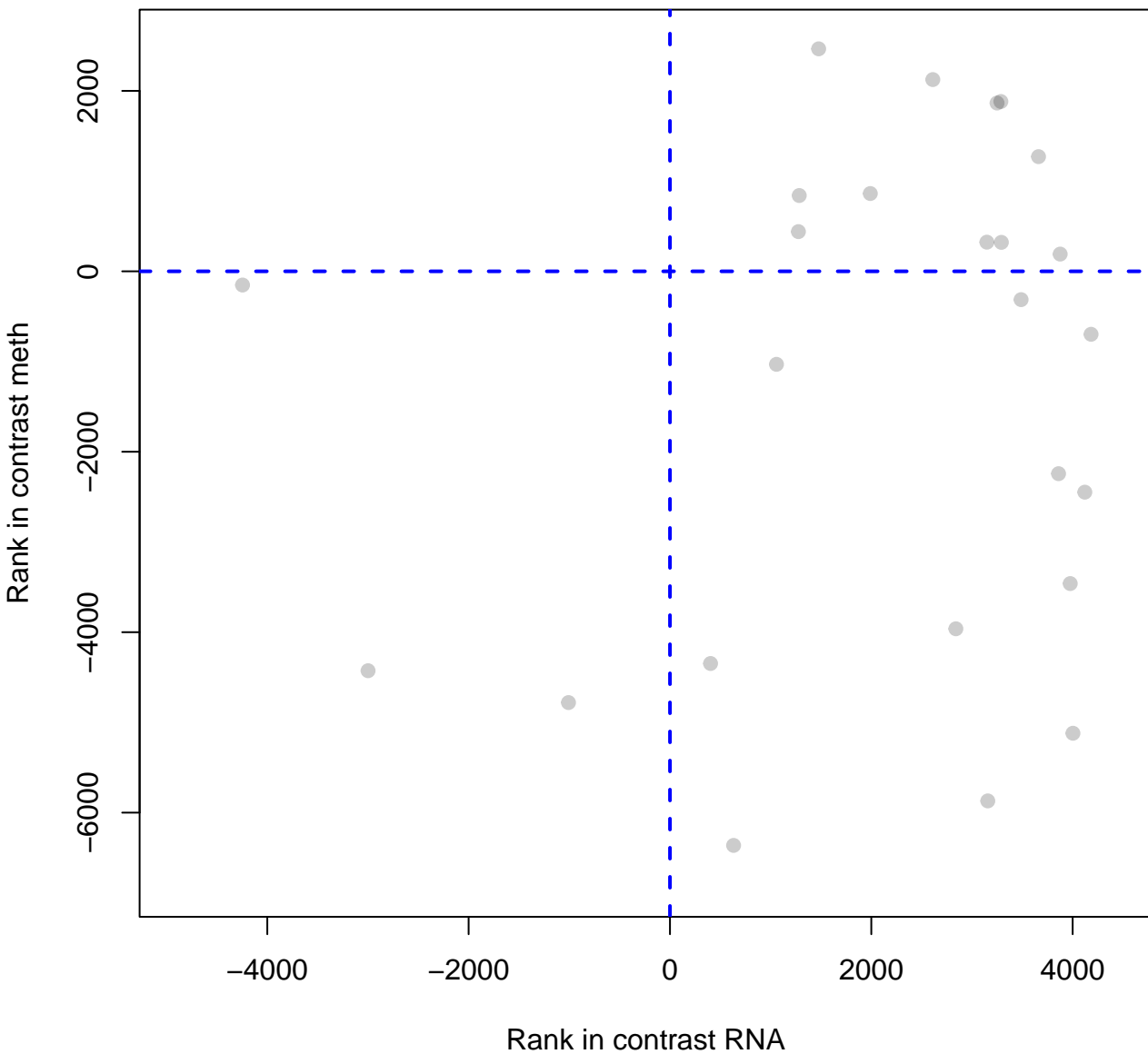
DNA strand elongation



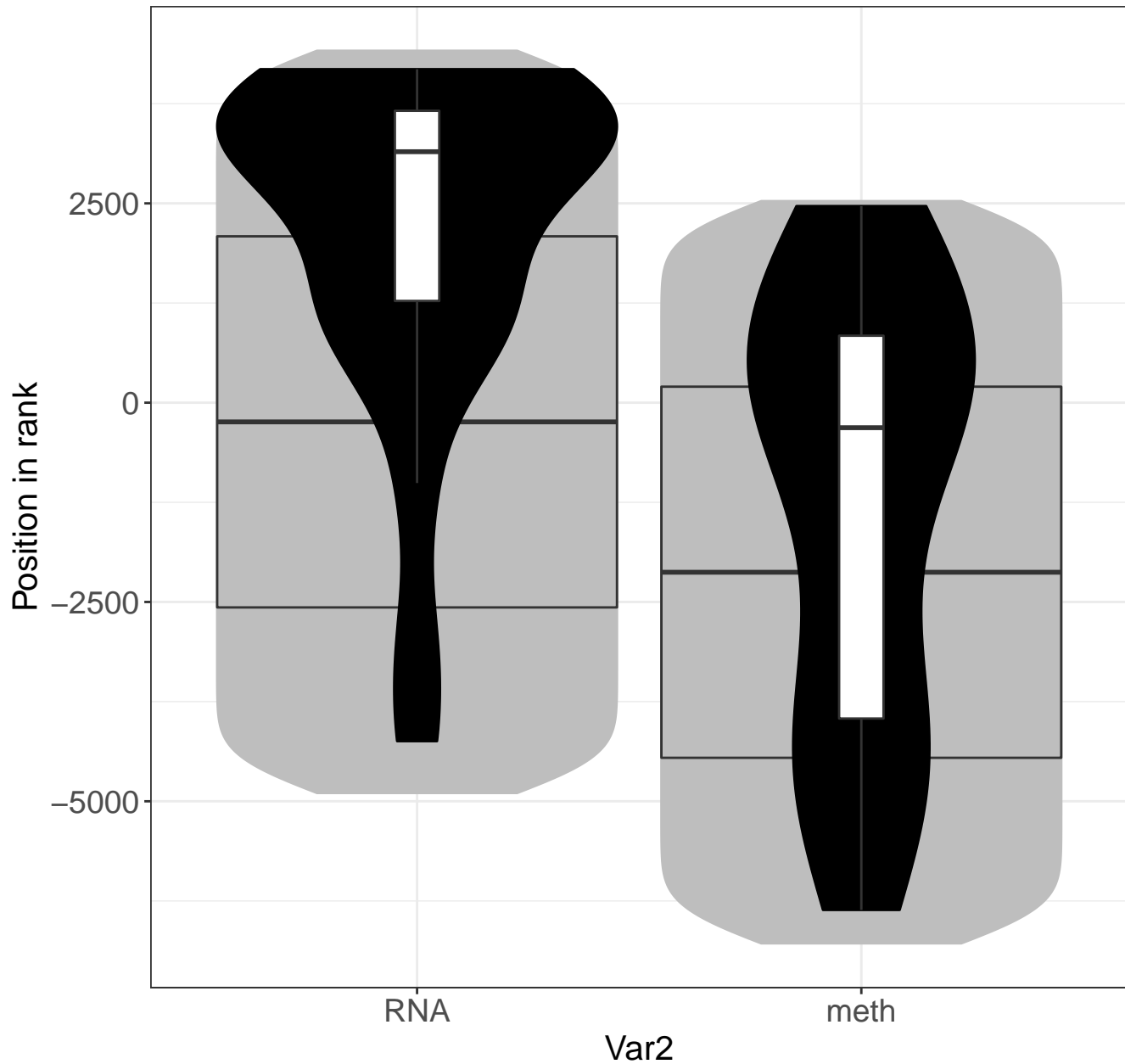
MAP2K and MAPK activation



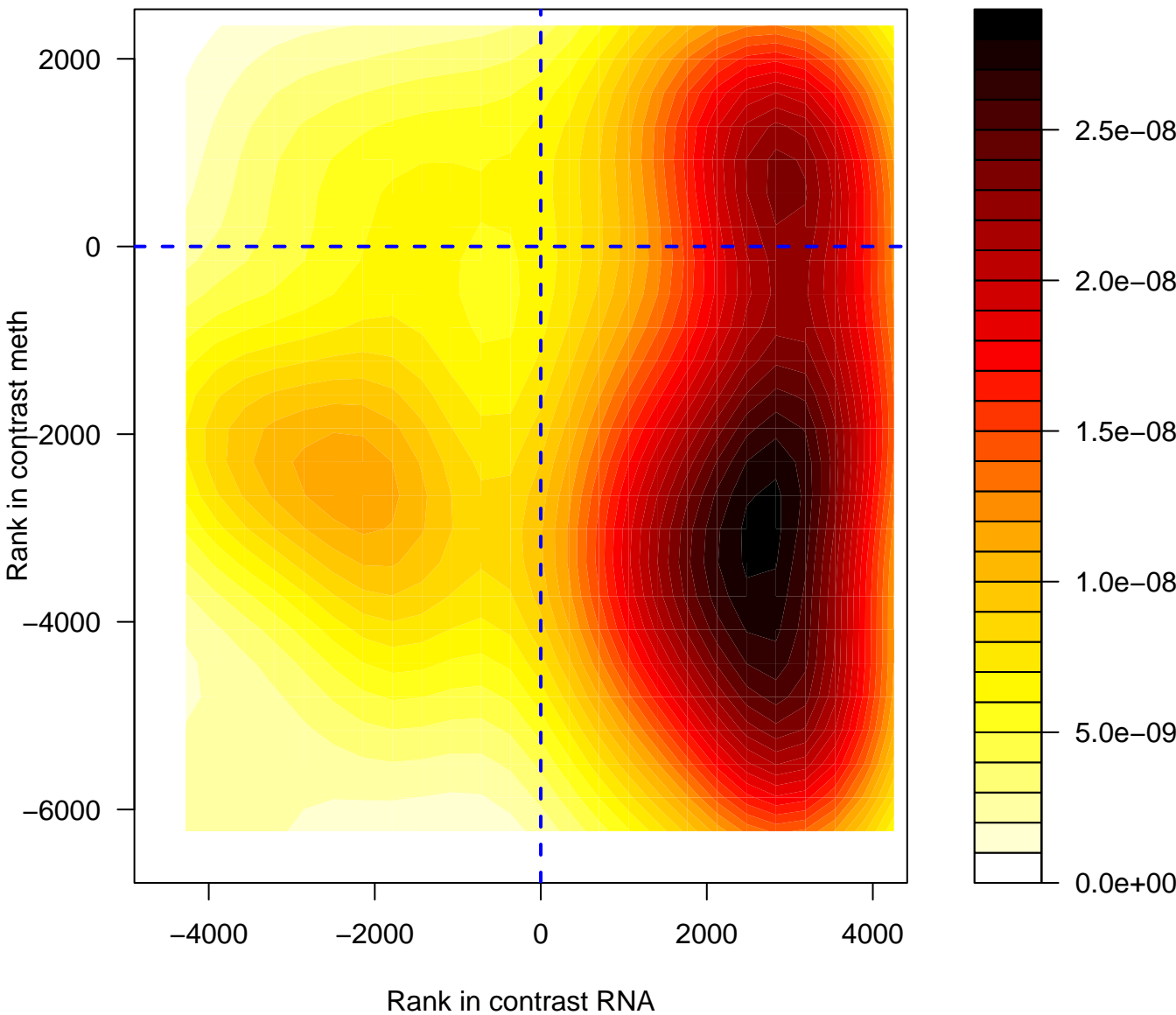
MAP2K and MAPK activation



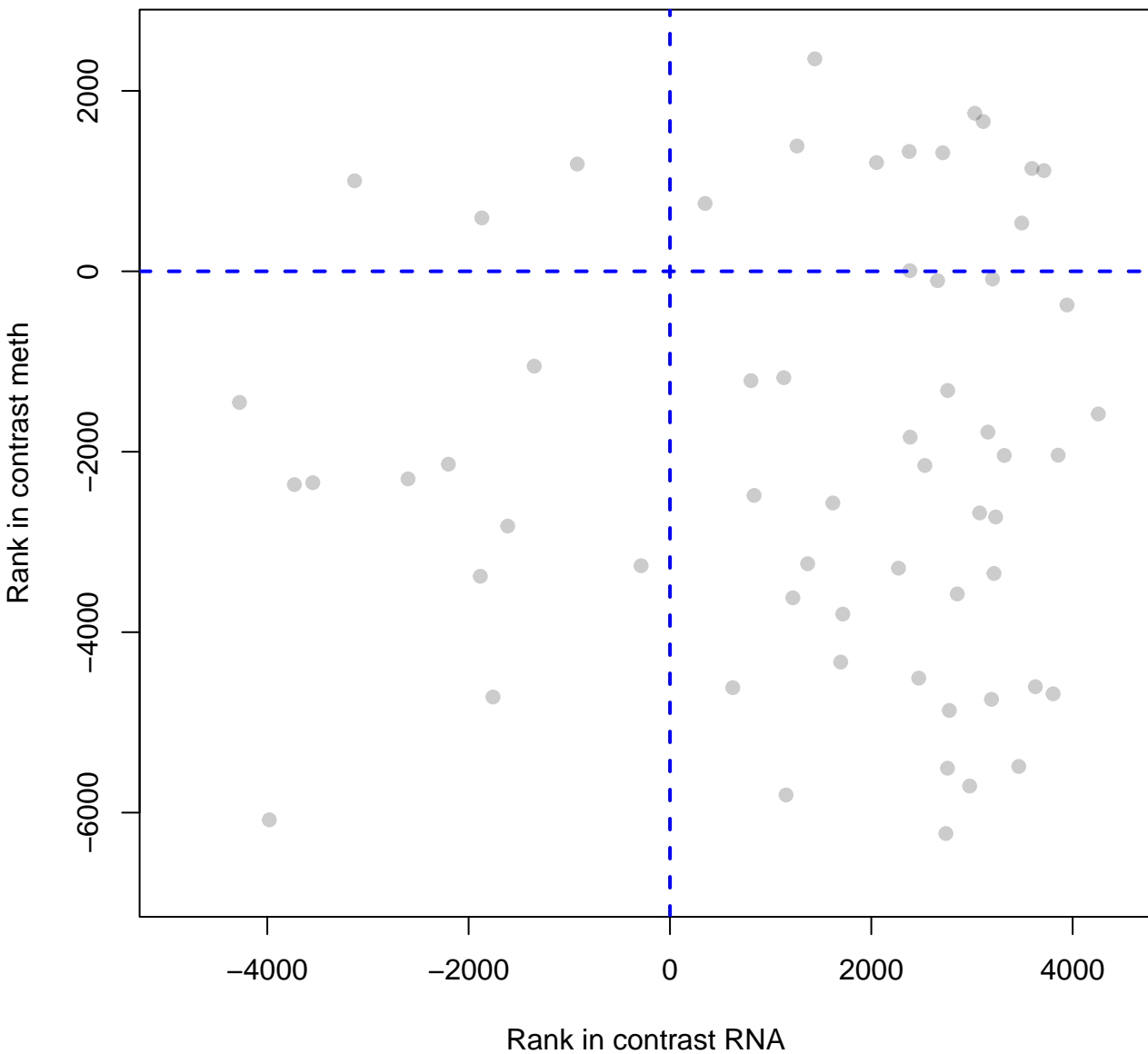
MAP2K and MAPK activation



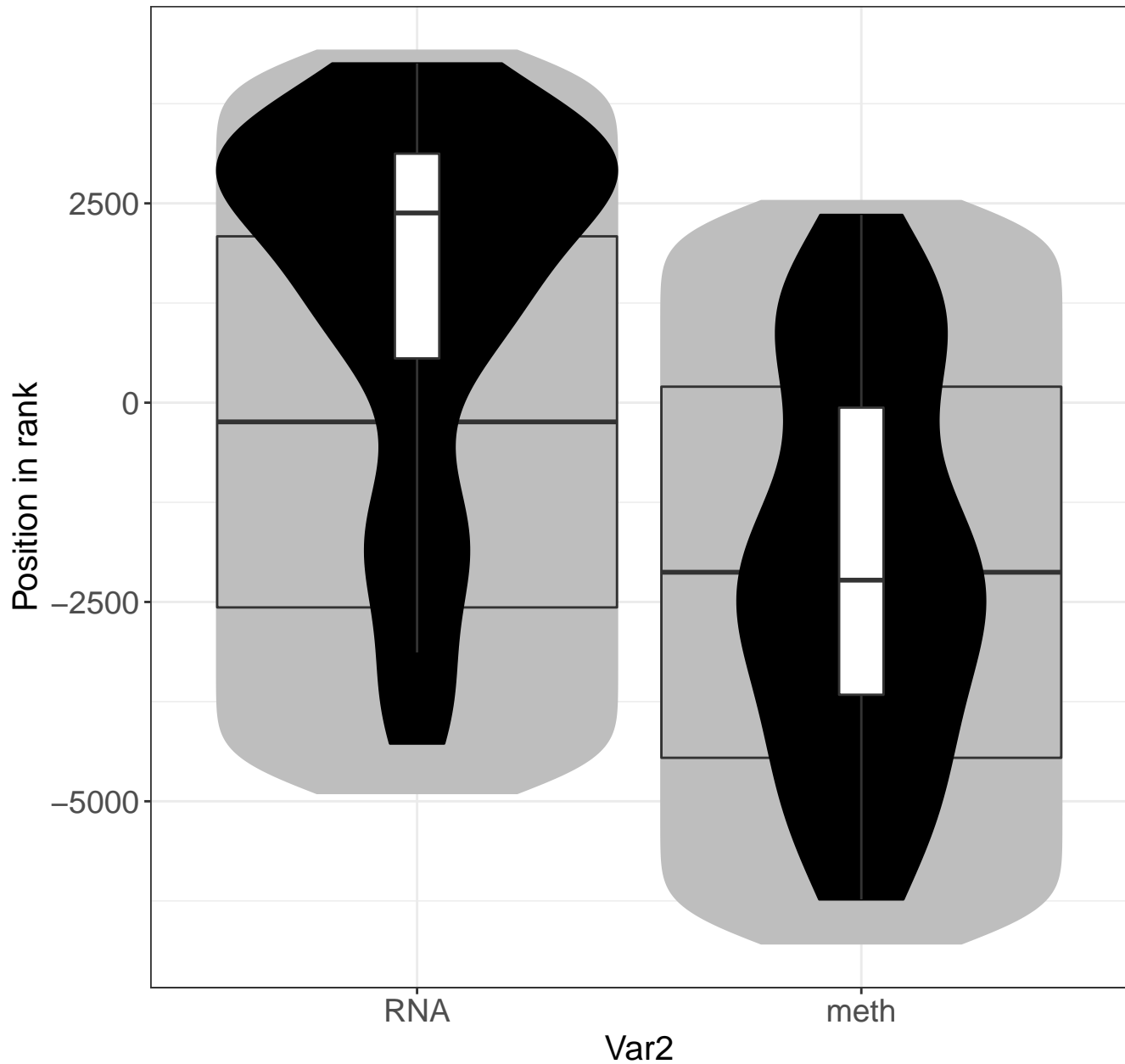
Cellular response to hypoxia



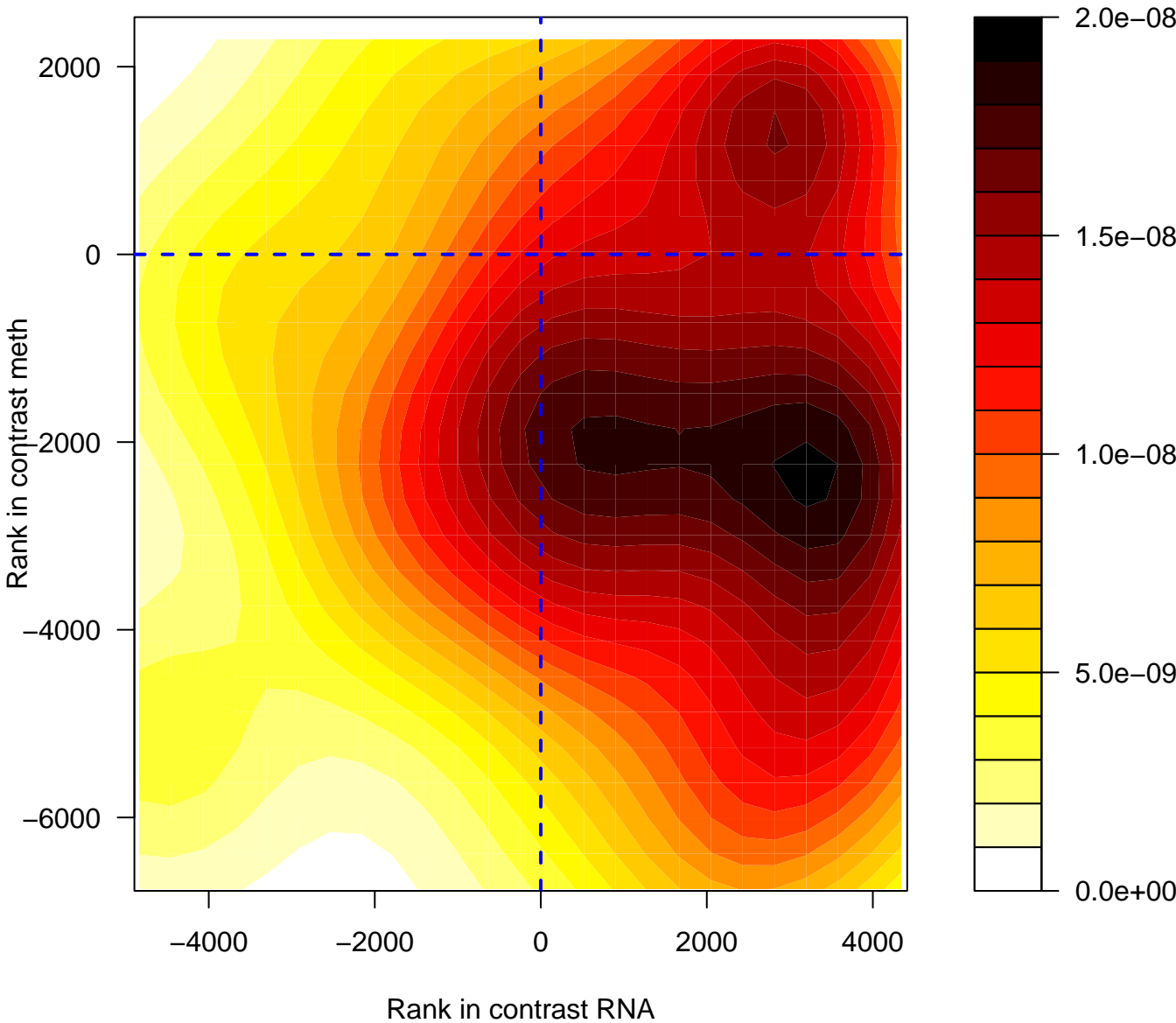
Cellular response to hypoxia



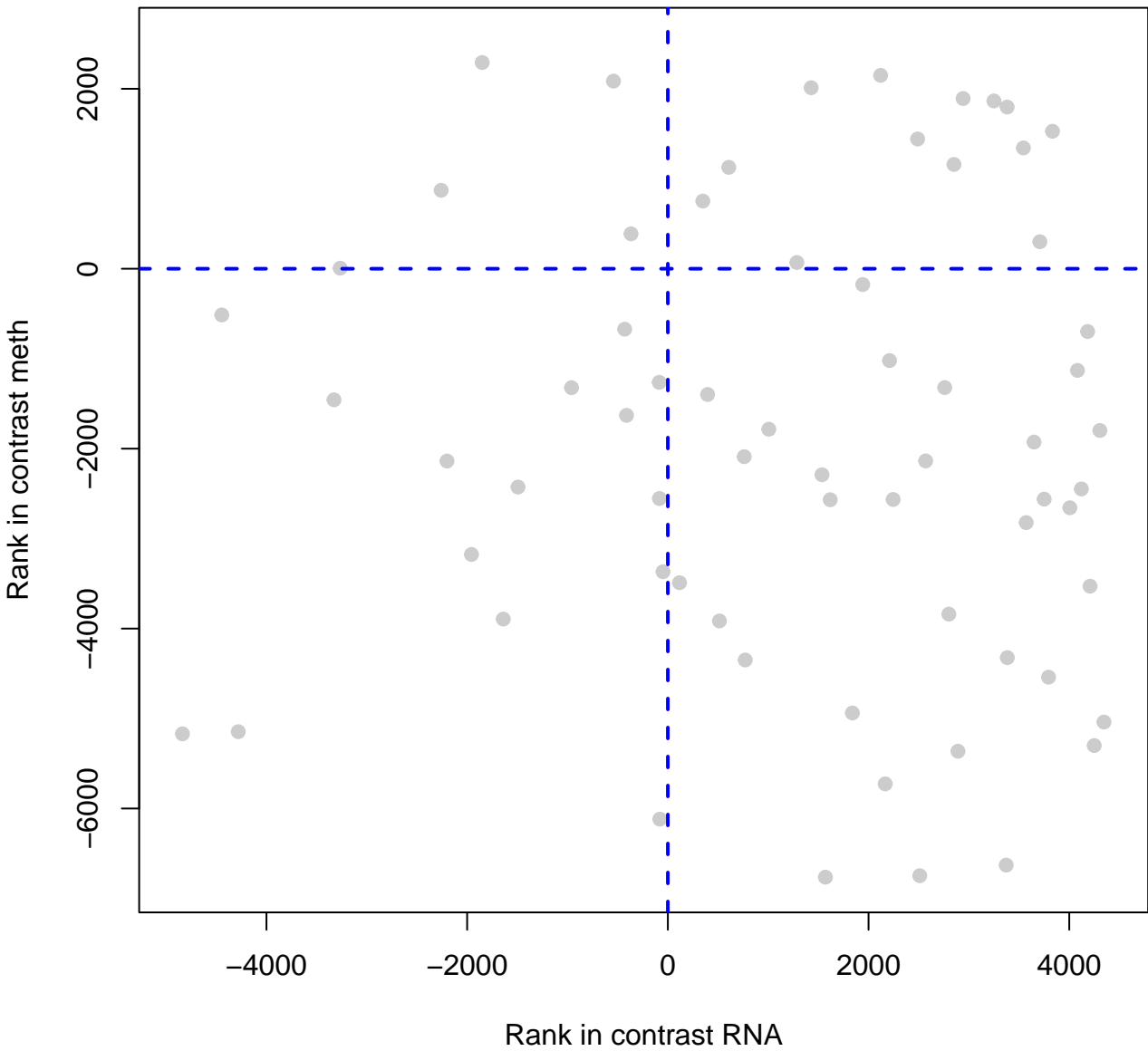
Cellular response to hypoxia



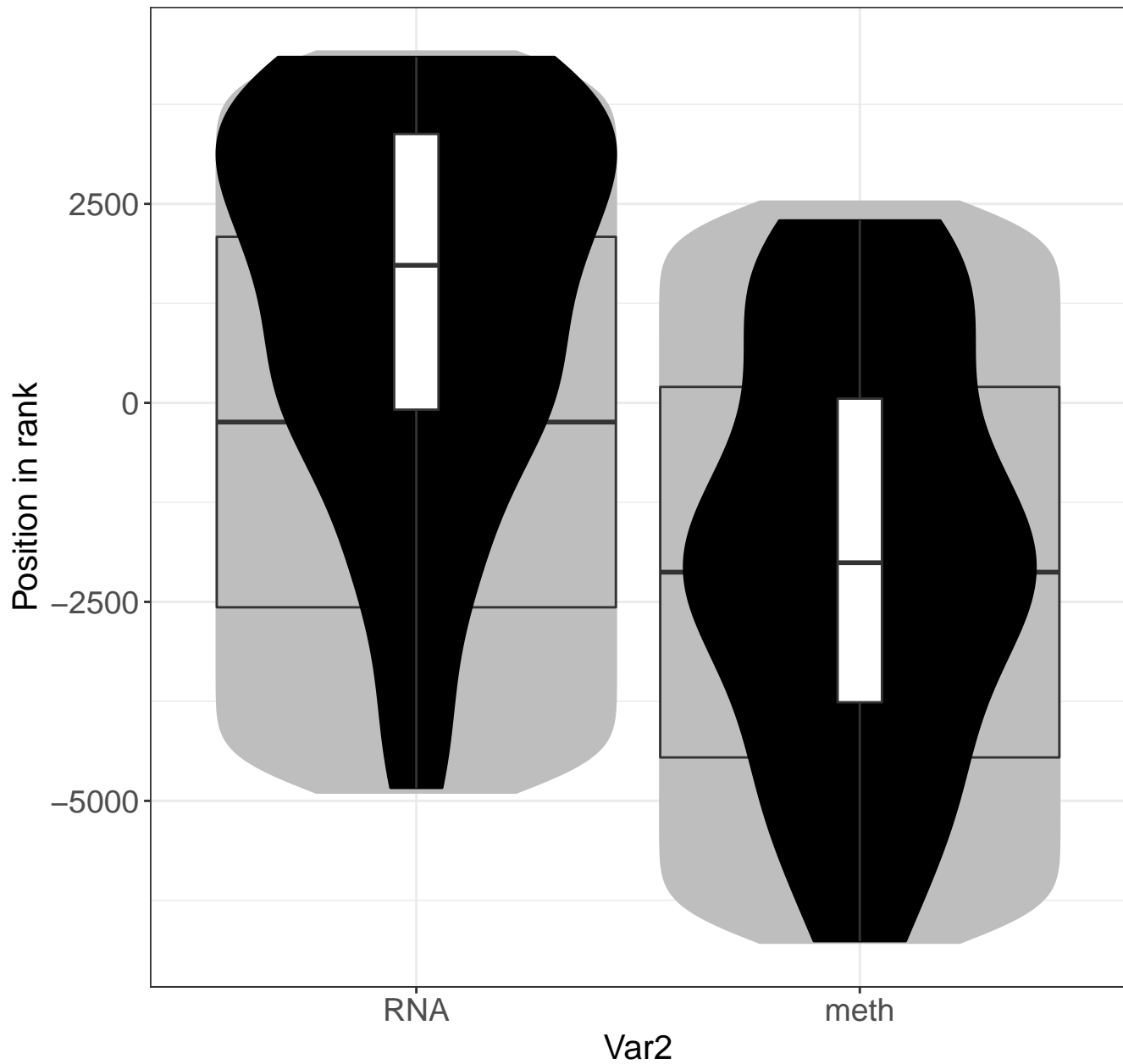
mediated induction of NFkB and MAP kinases upon TLR7/8 c



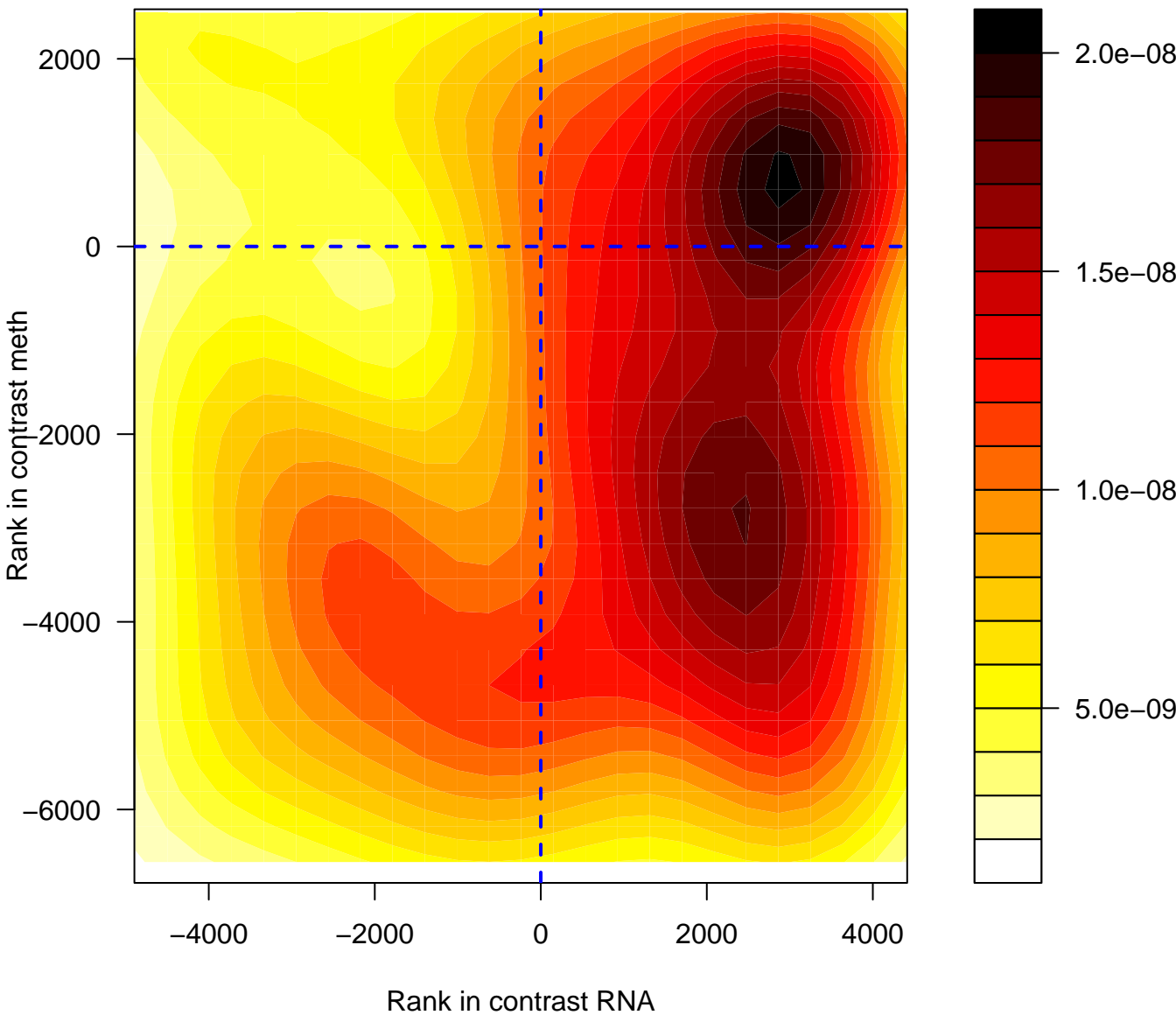
TRAF6 mediated induction of NFkB and MAP kinases upon TLR7/8 or 9 activation



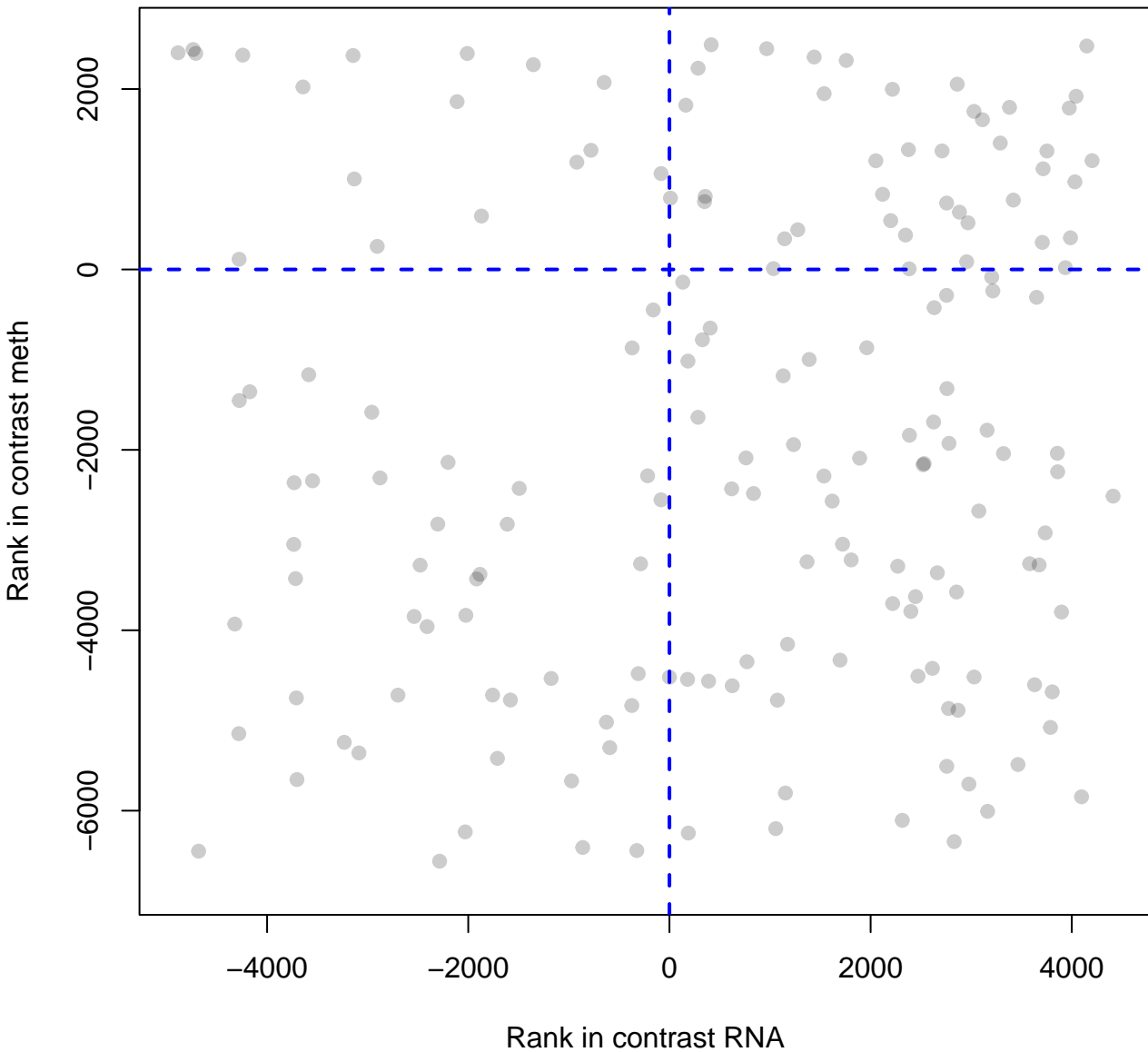
TRAF6 mediated induction of NFkB and MAP kinase



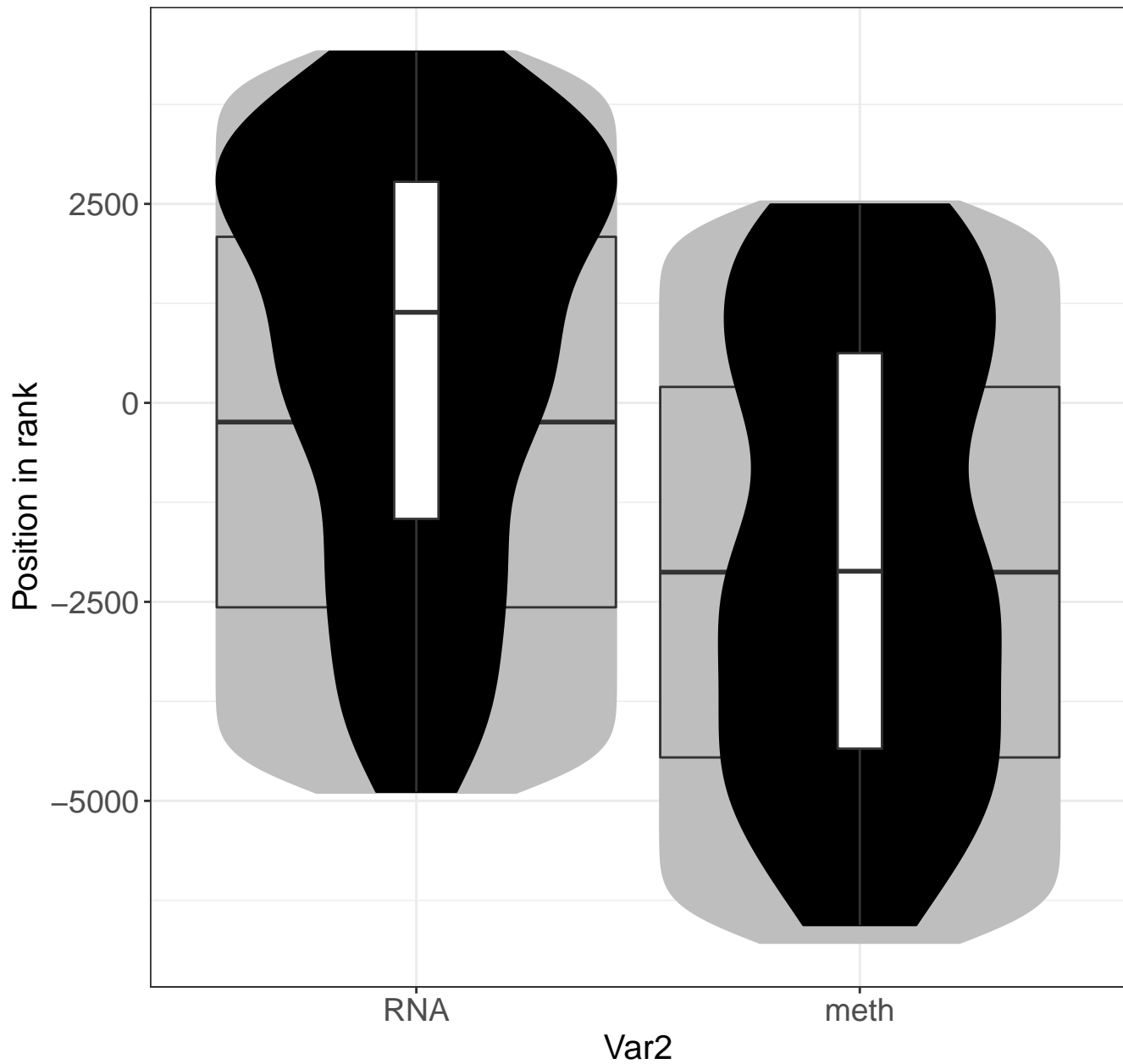
Signaling by WNT



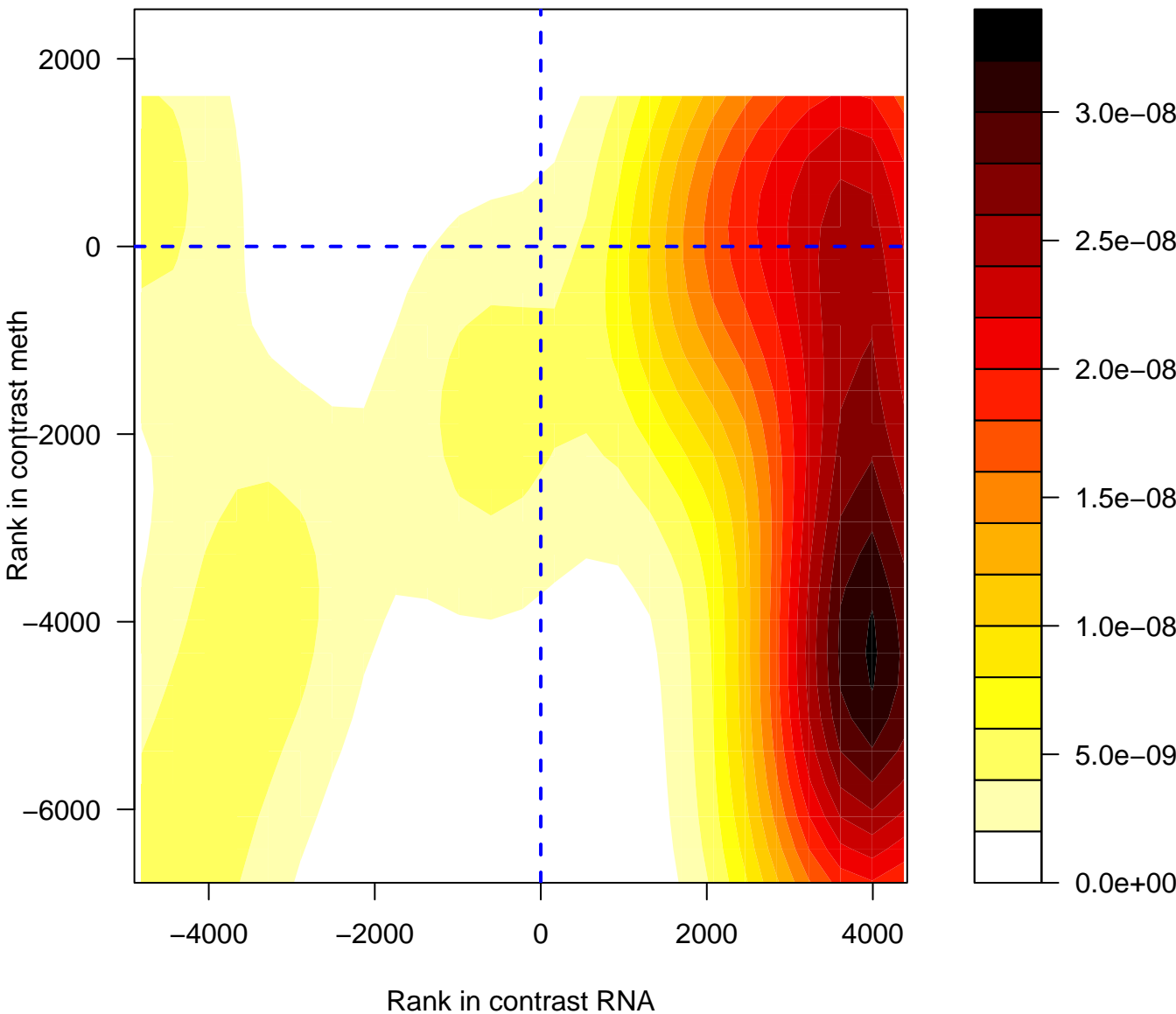
Signaling by WNT



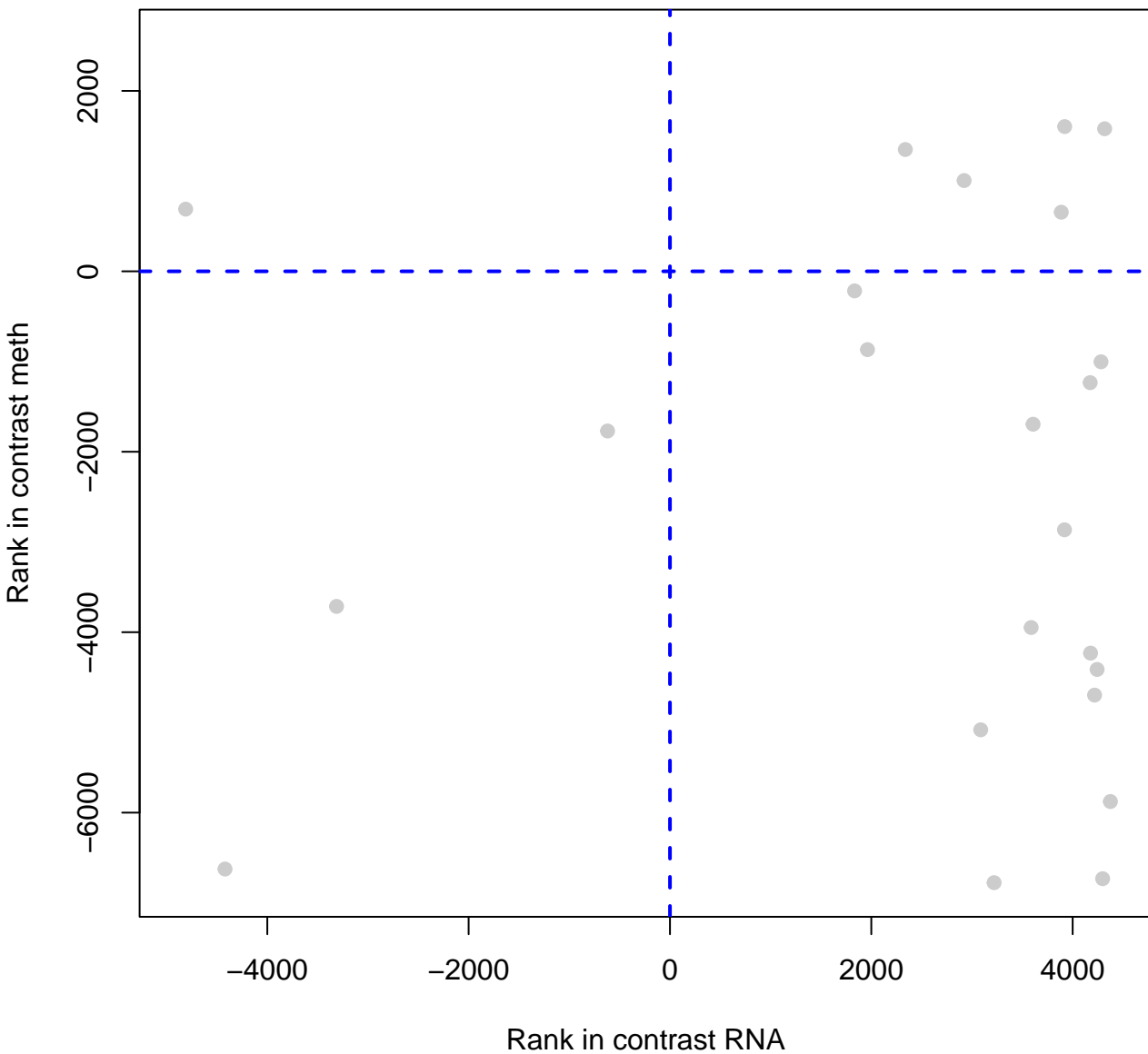
Signaling by WNT



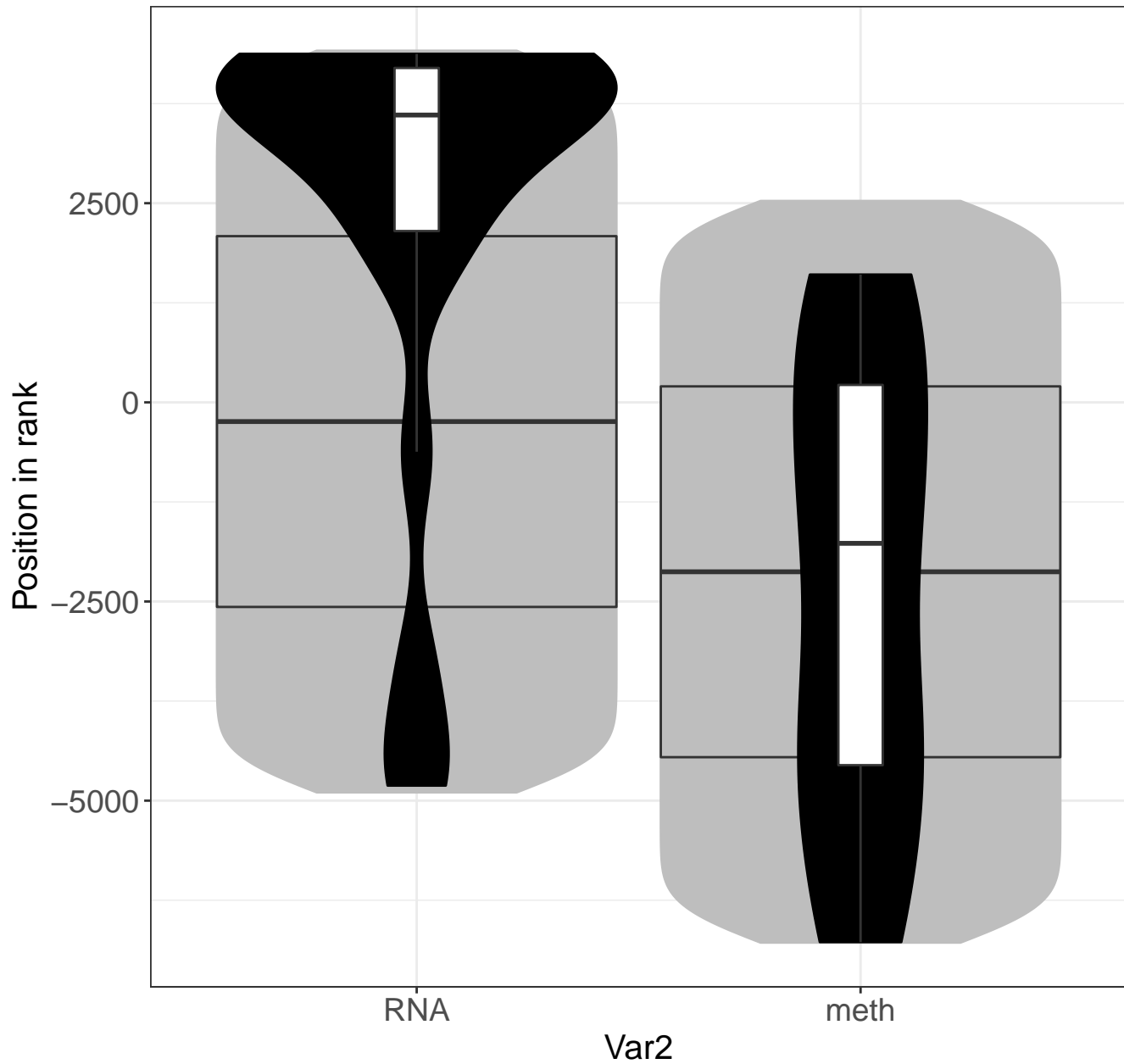
ROS and RNS production in phagocytes



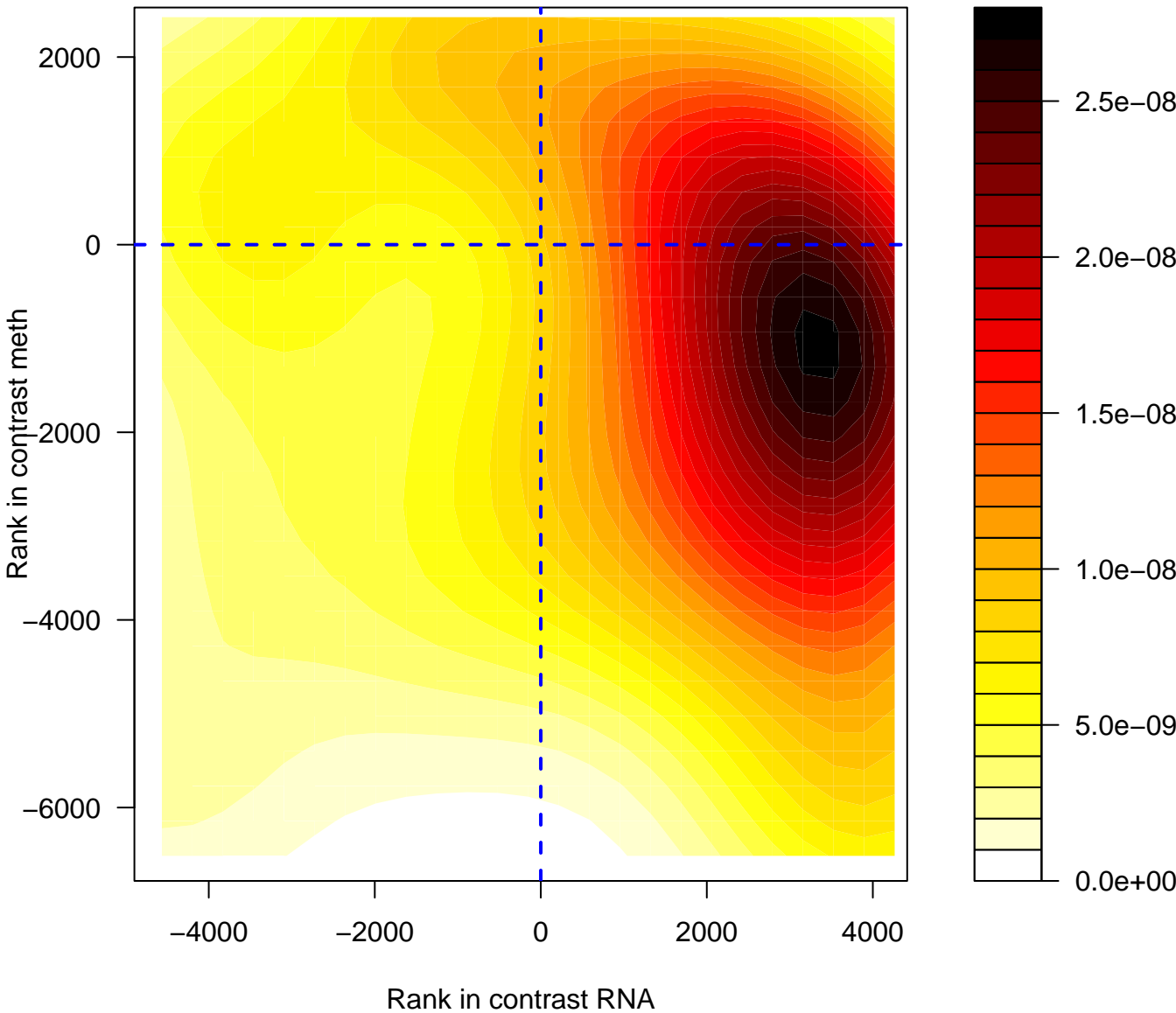
ROS and RNS production in phagocytes



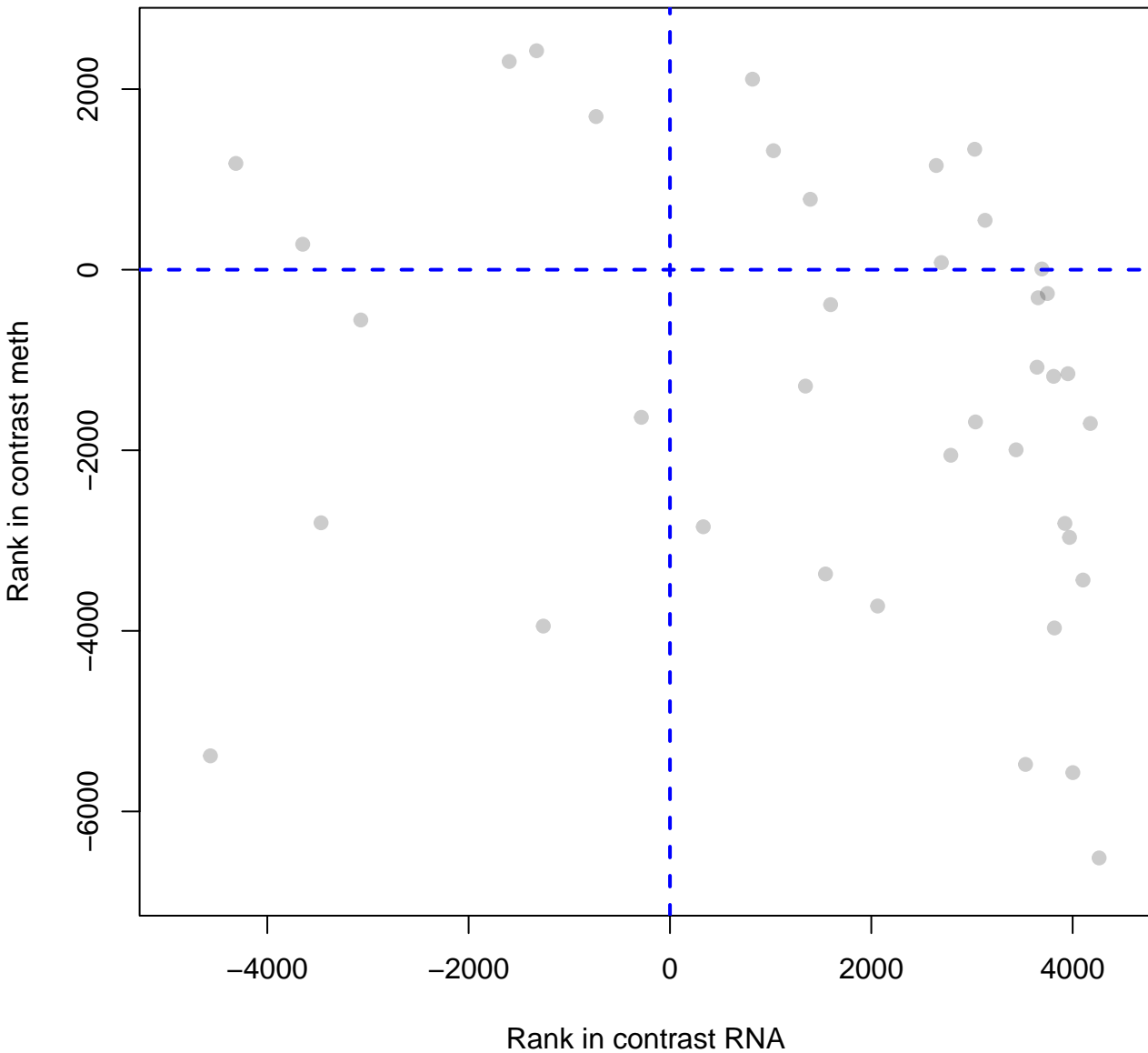
ROS and RNS production in phagocytes



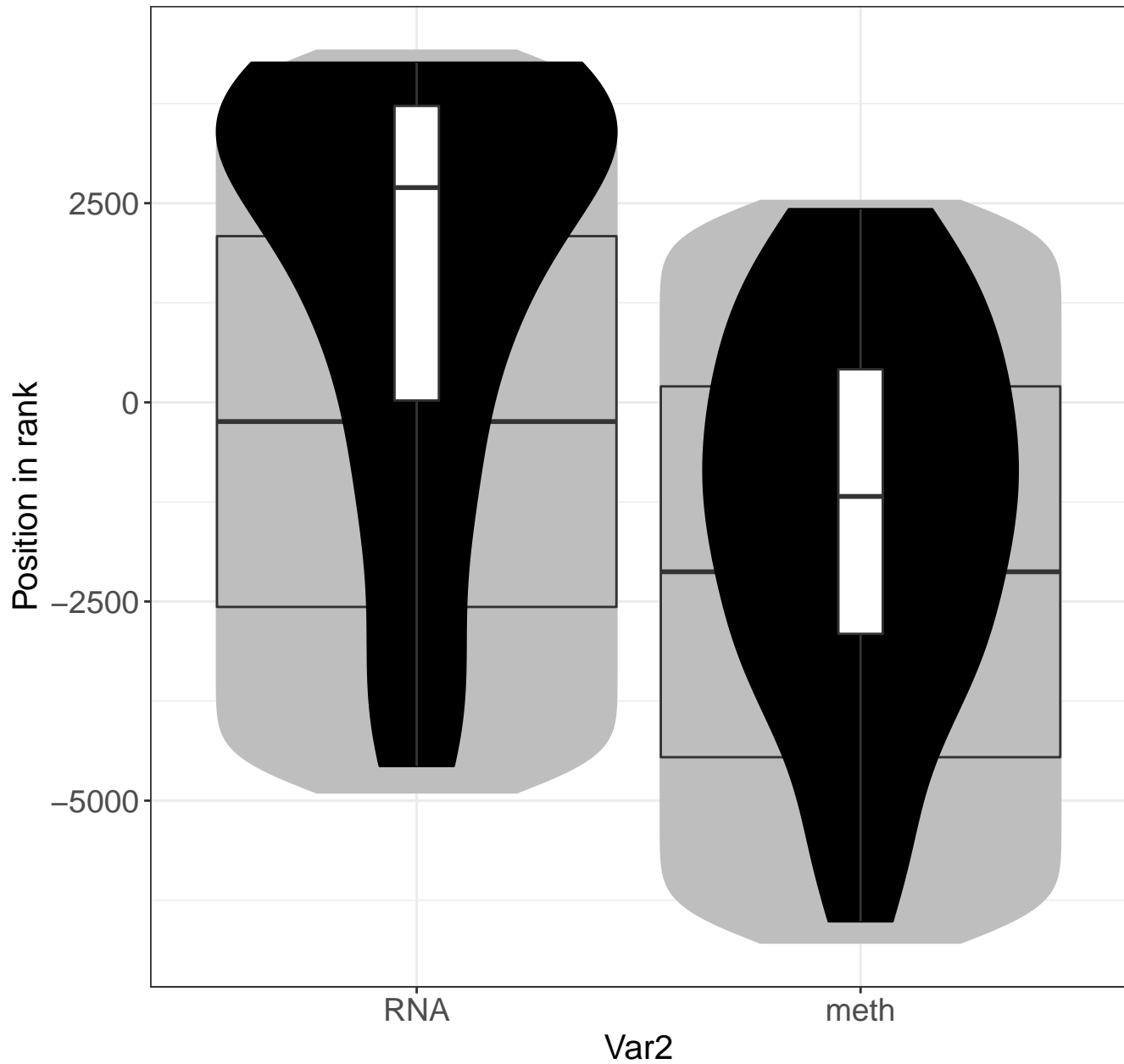
RAB geranylgeranylation



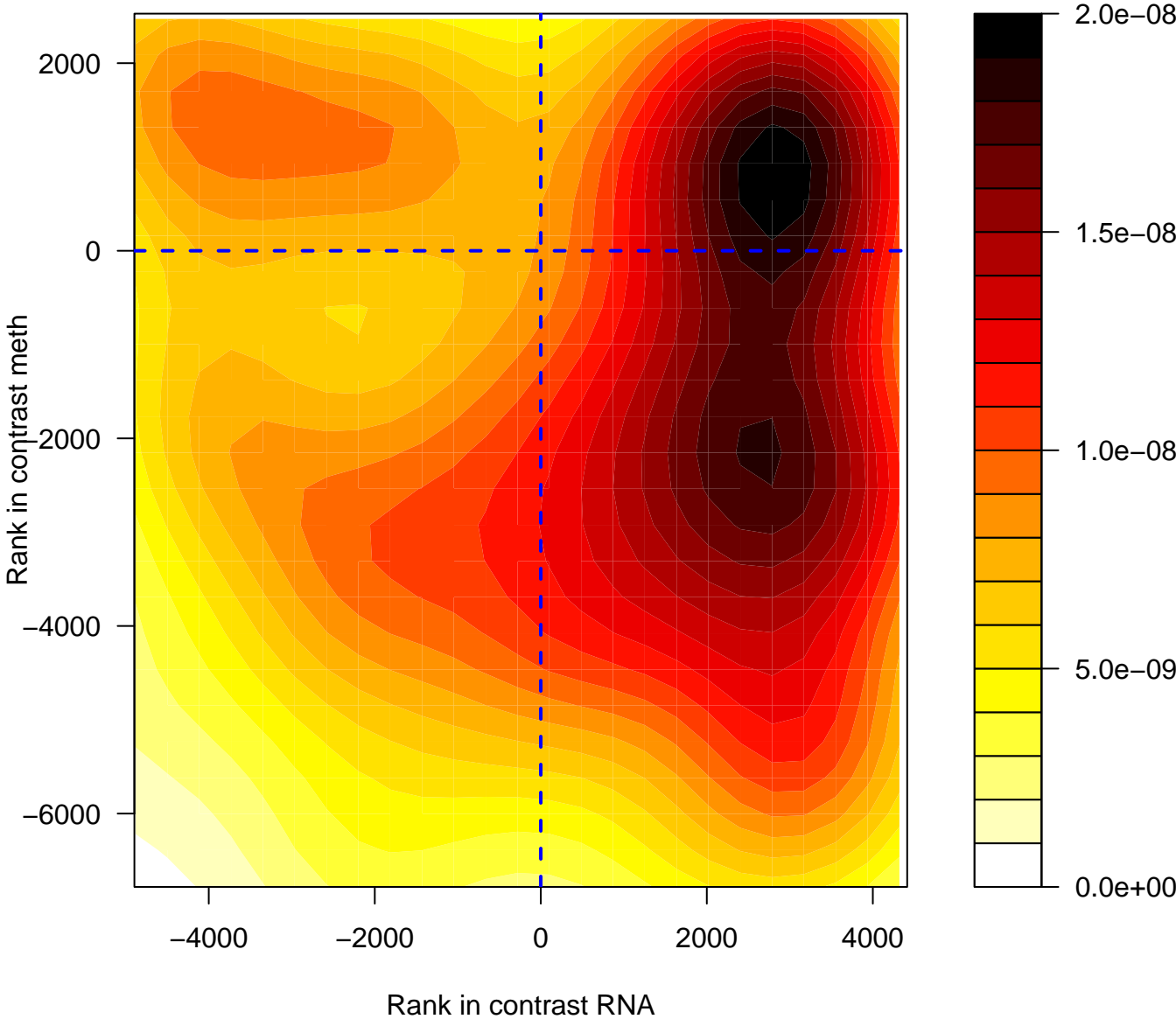
RAB geranylgeranylation



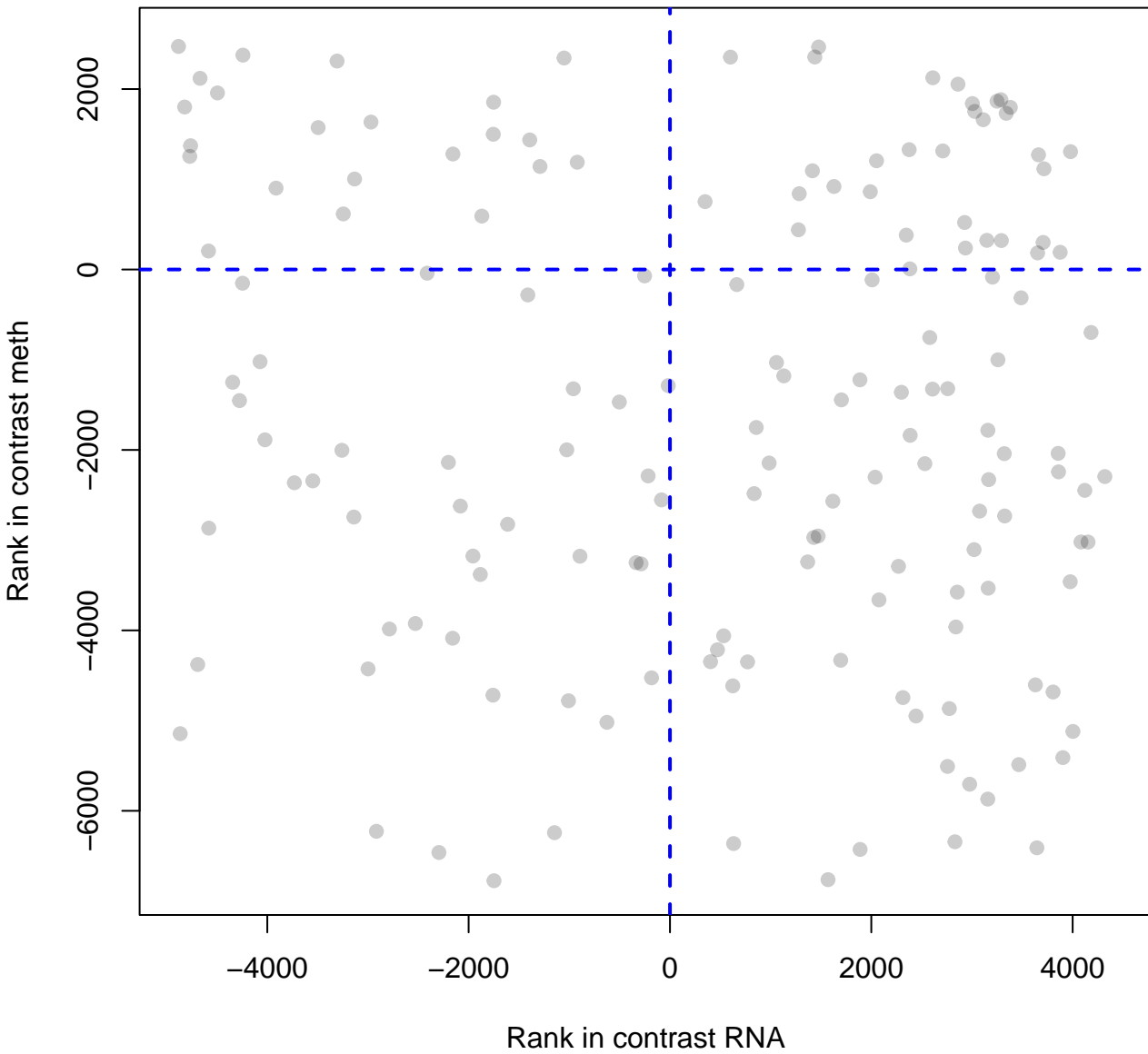
RAB geranylgeranylation



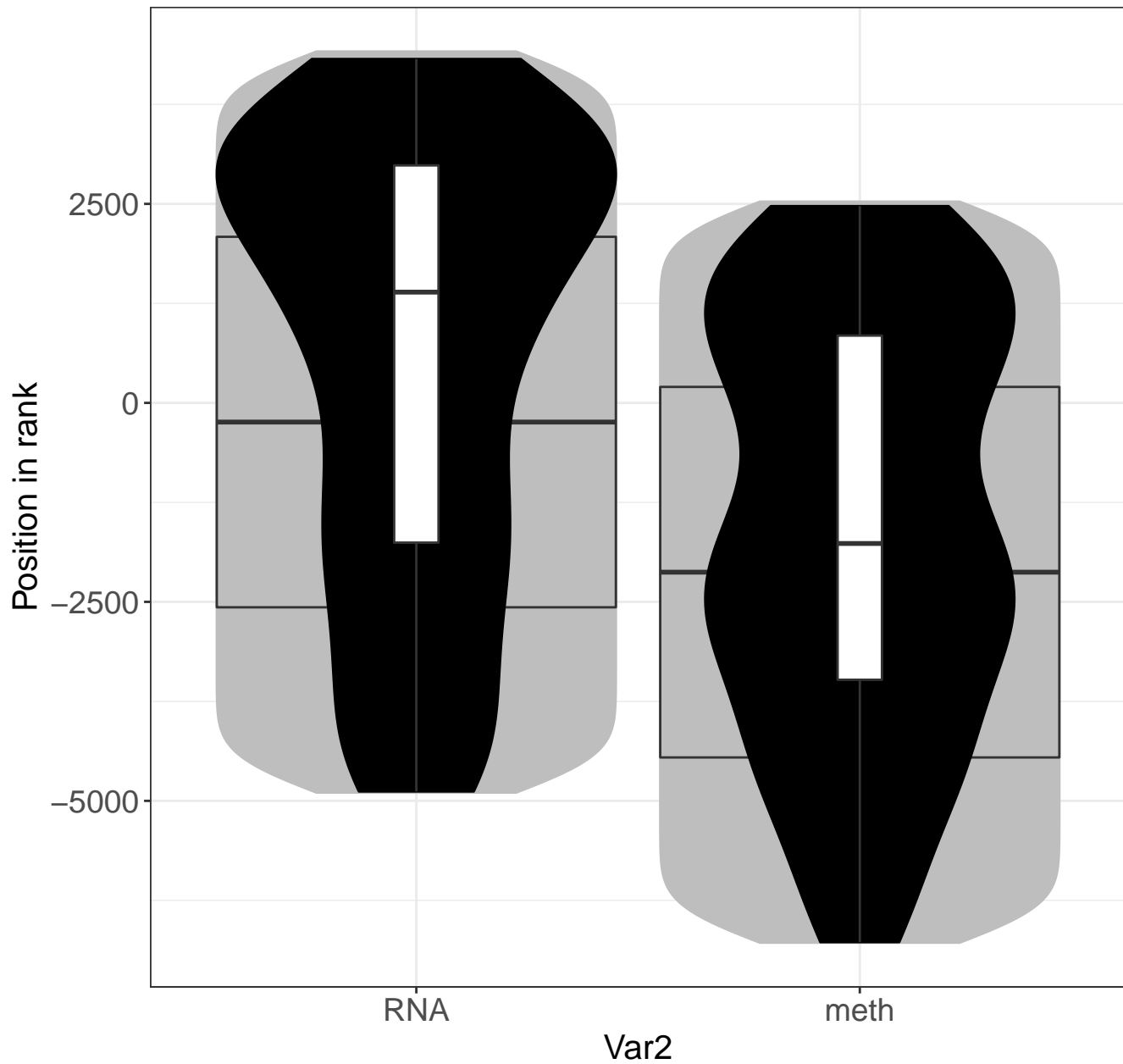
MAPK1/MAPK3 signaling



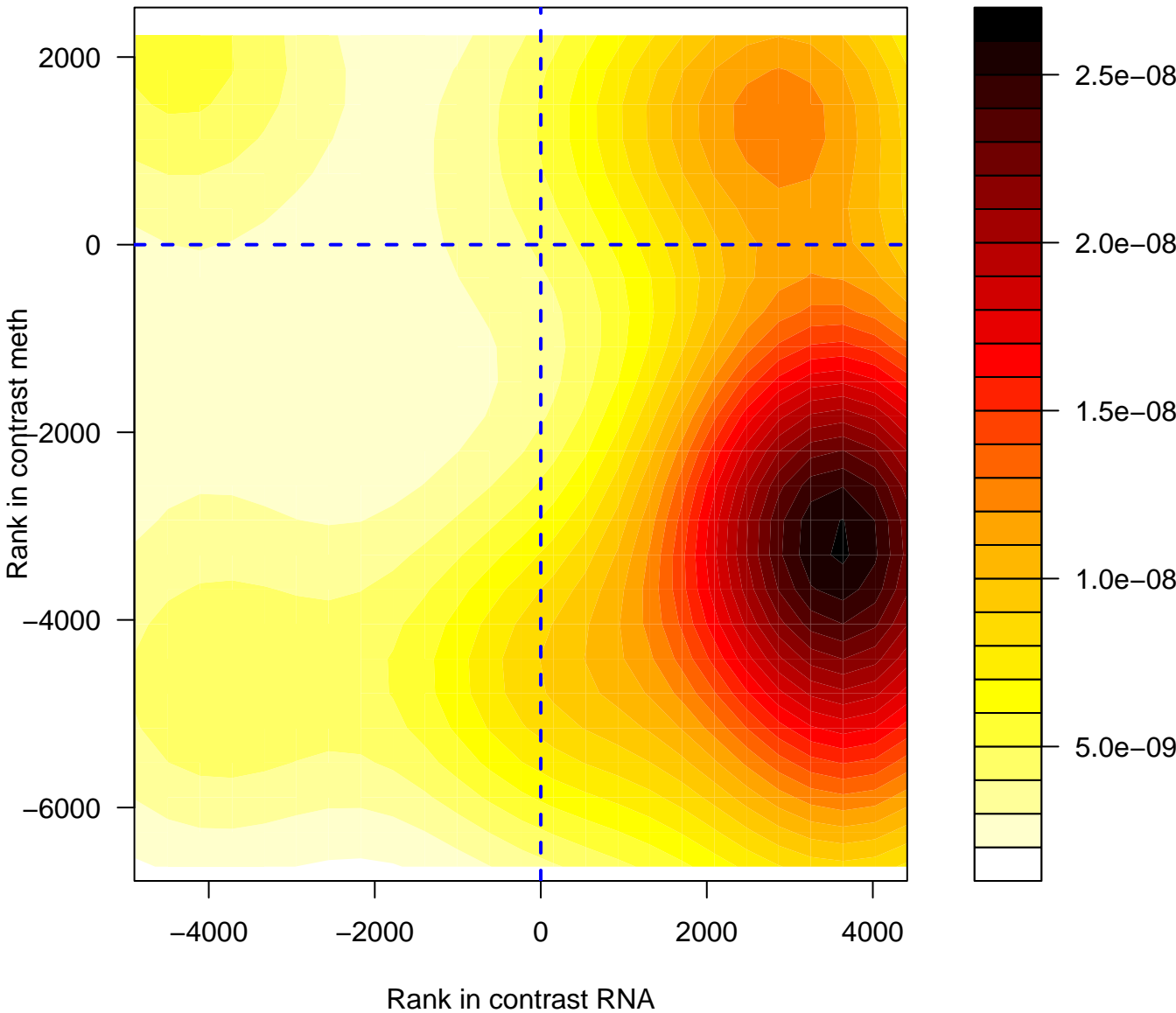
MAPK1/MAPK3 signaling



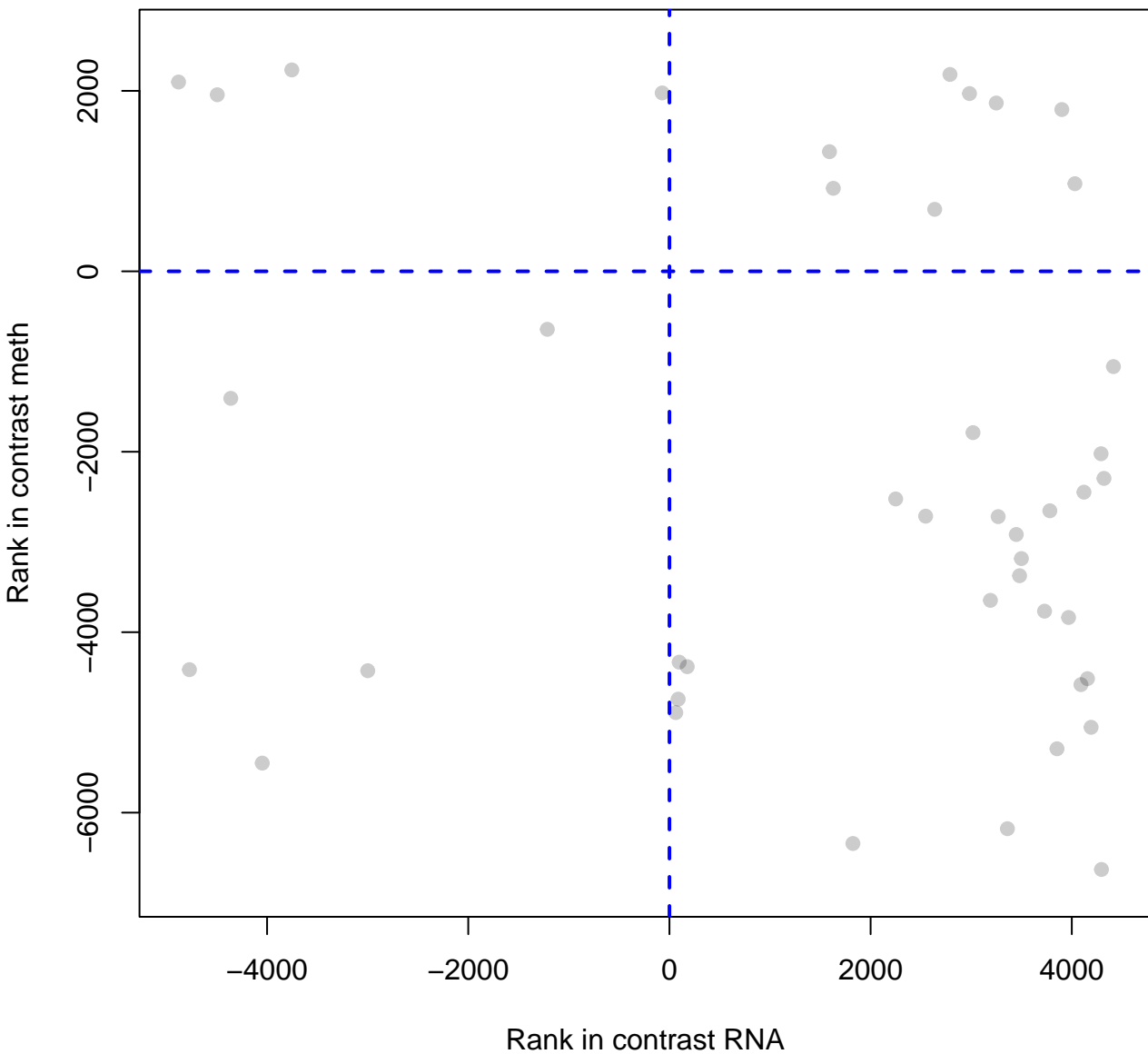
MAPK1/MAPK3 signaling



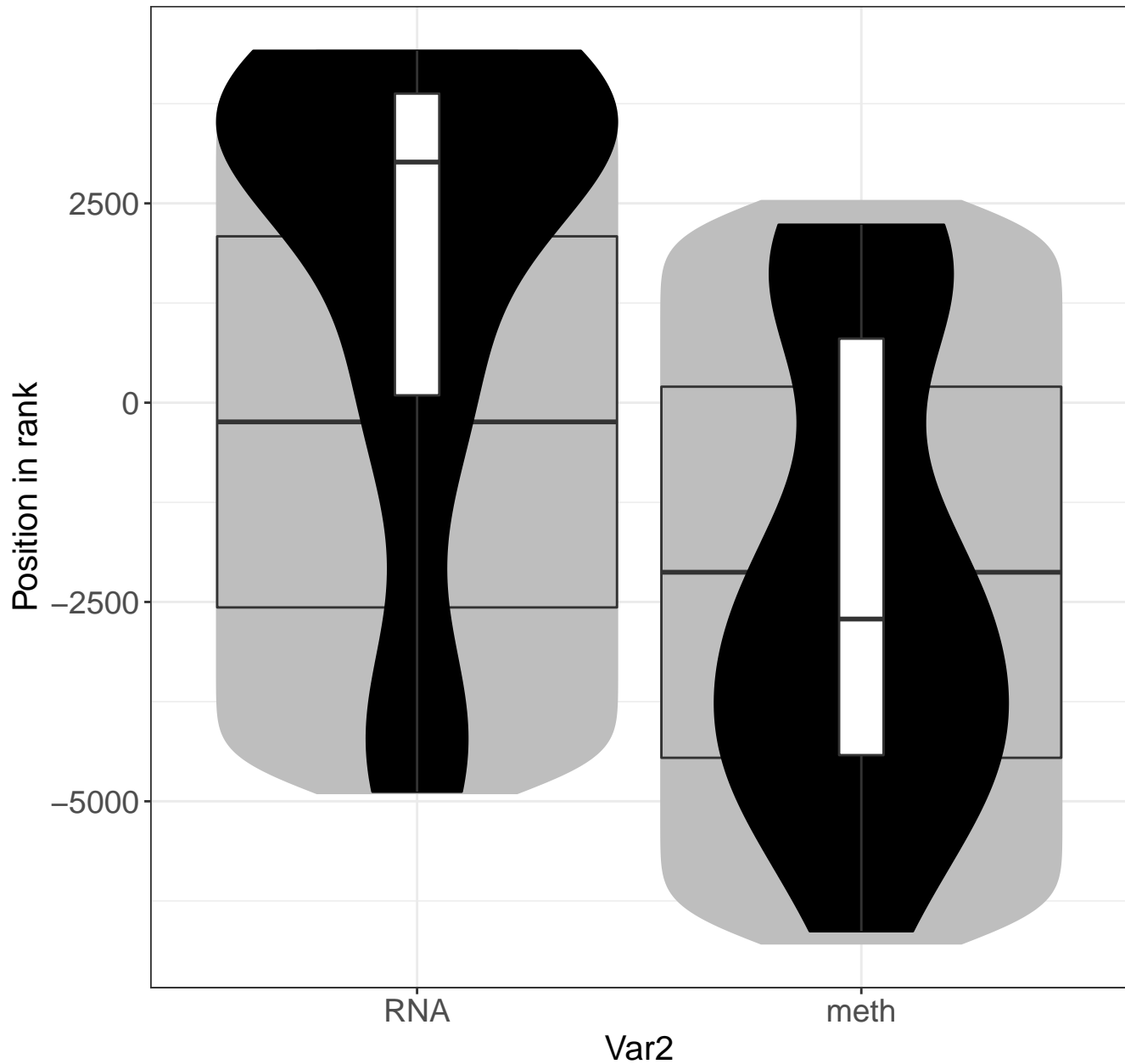
FCGR3A-mediated phagocytosis



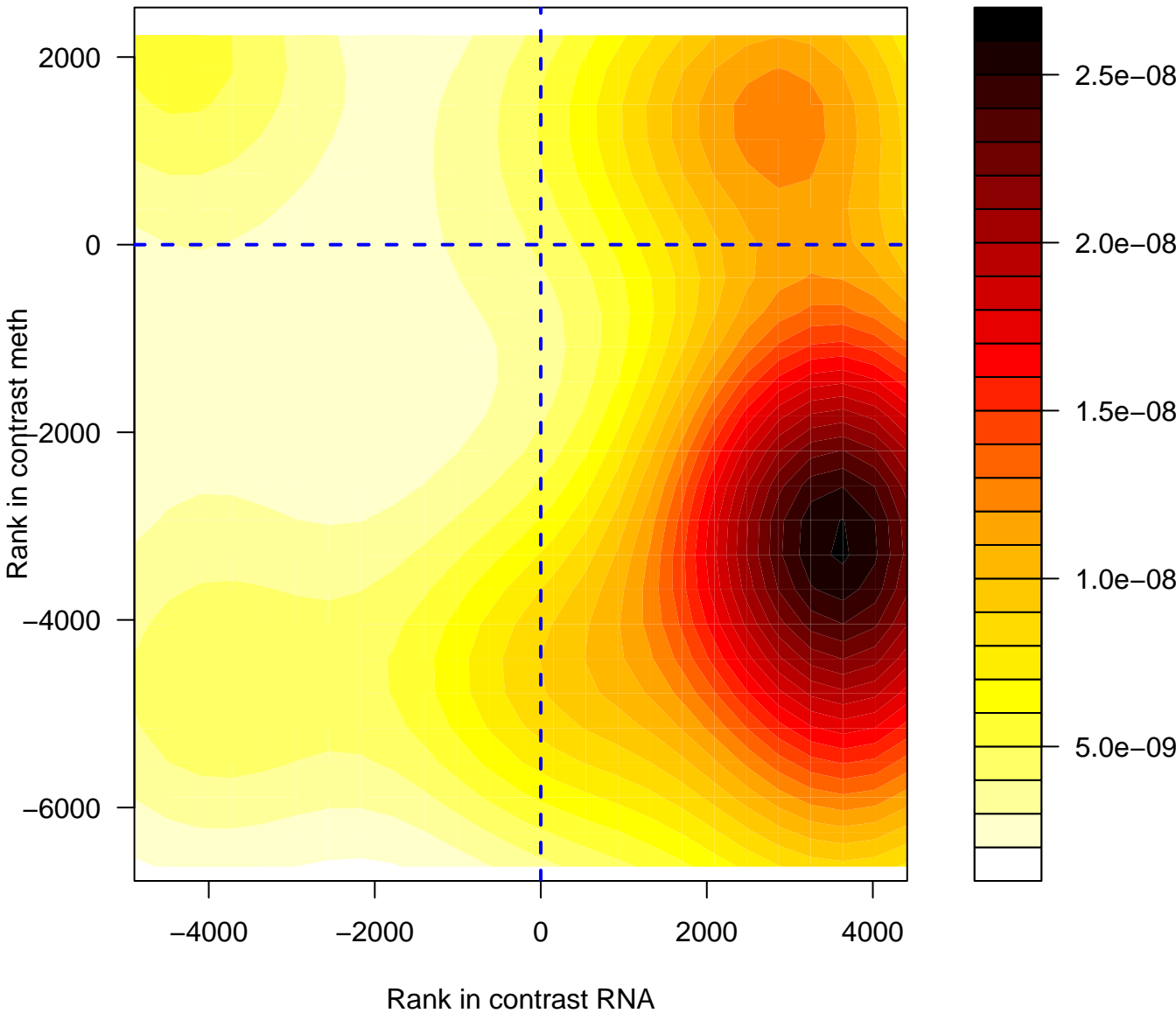
FCGR3A-mediated phagocytosis



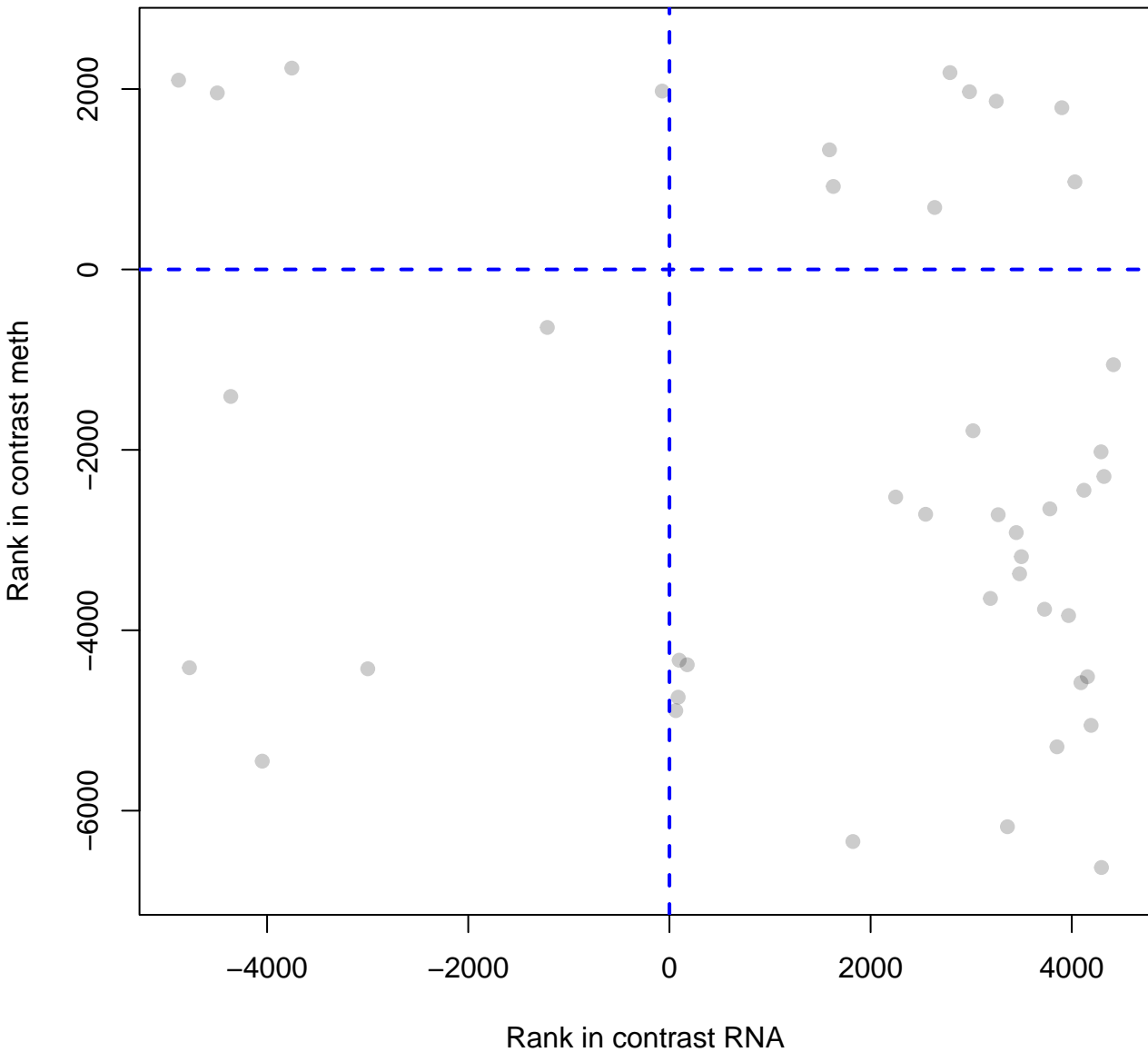
FCGR3A-mediated phagocytosis



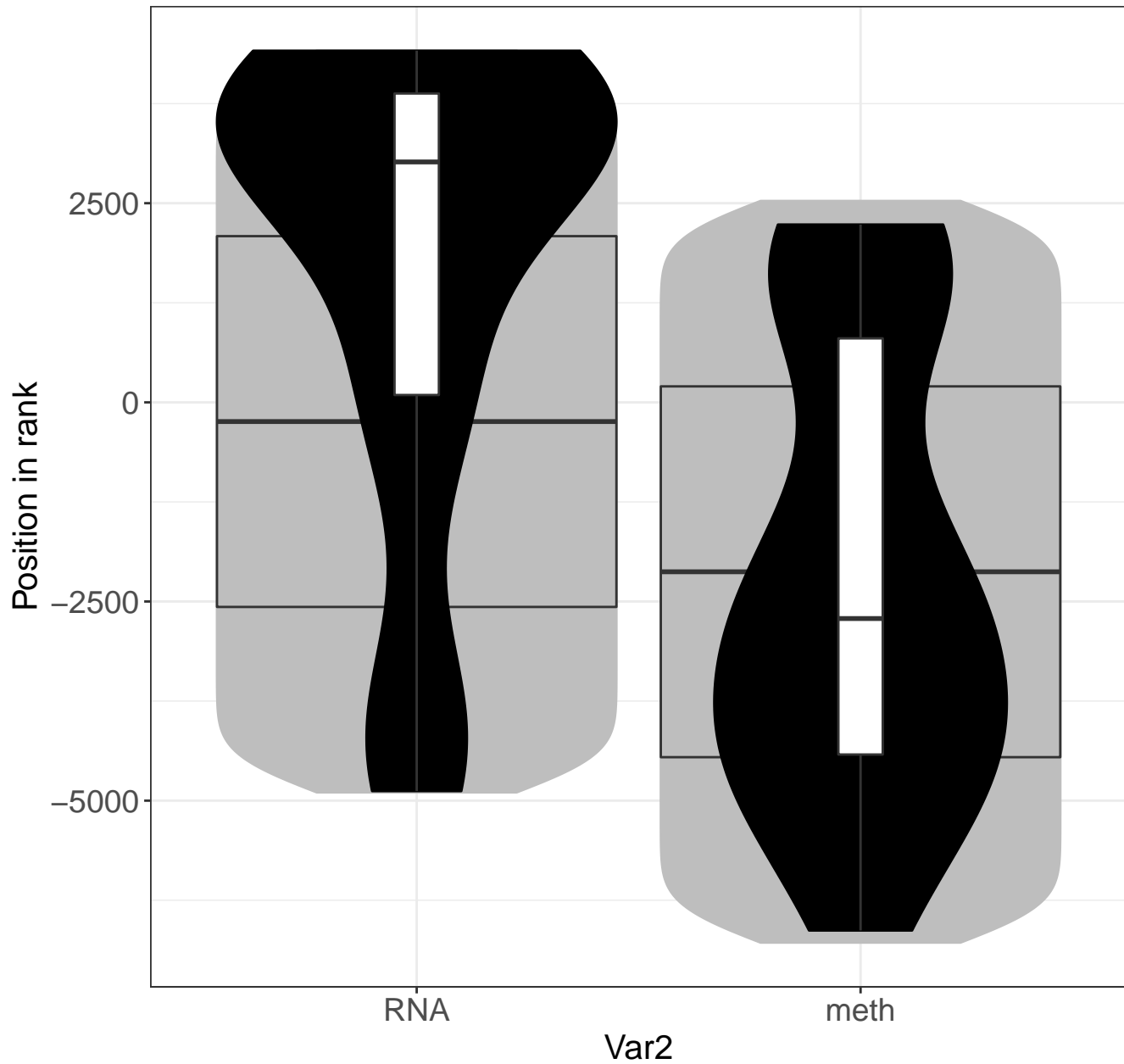
Leishmania phagocytosis



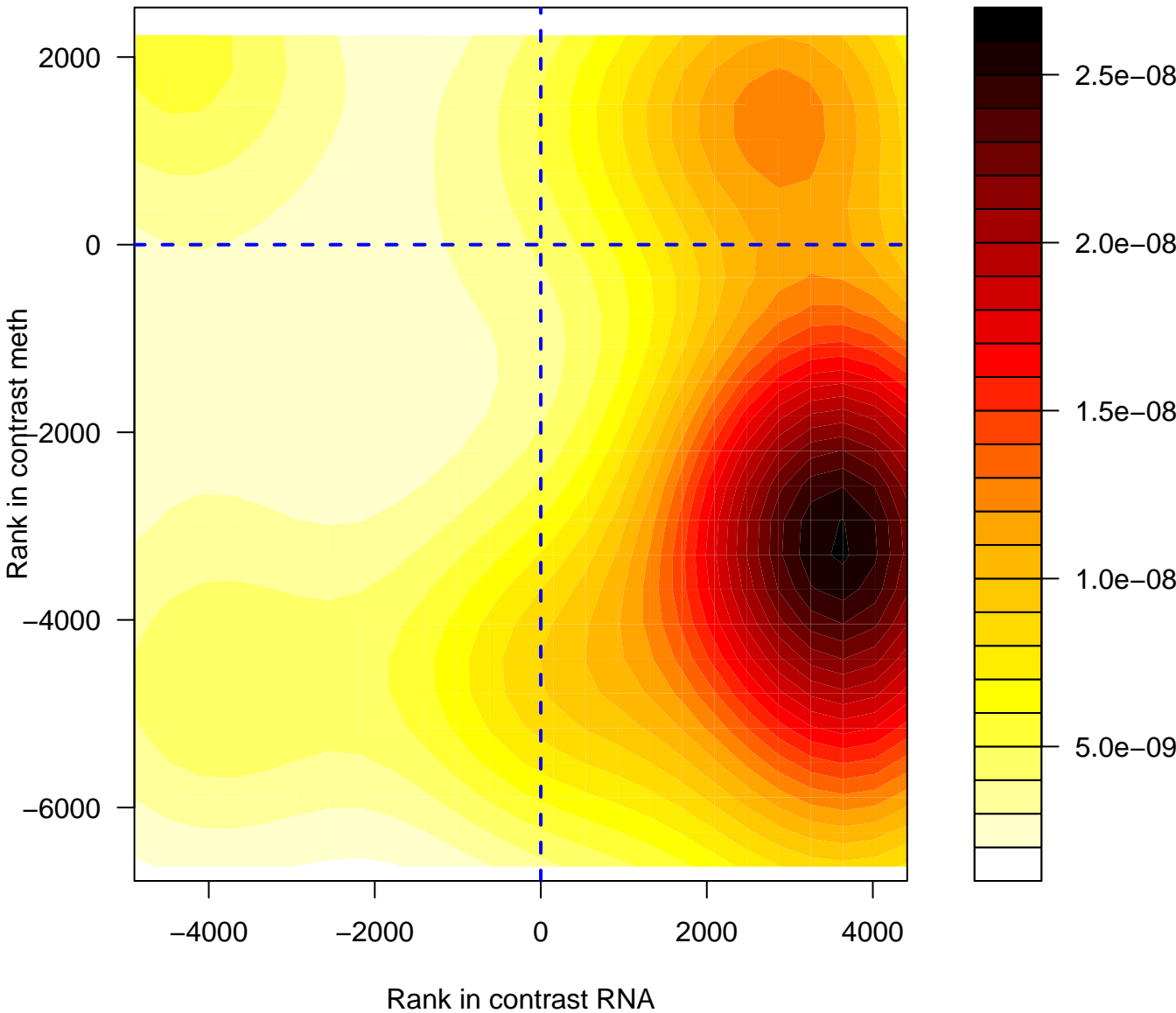
Leishmania phagocytosis



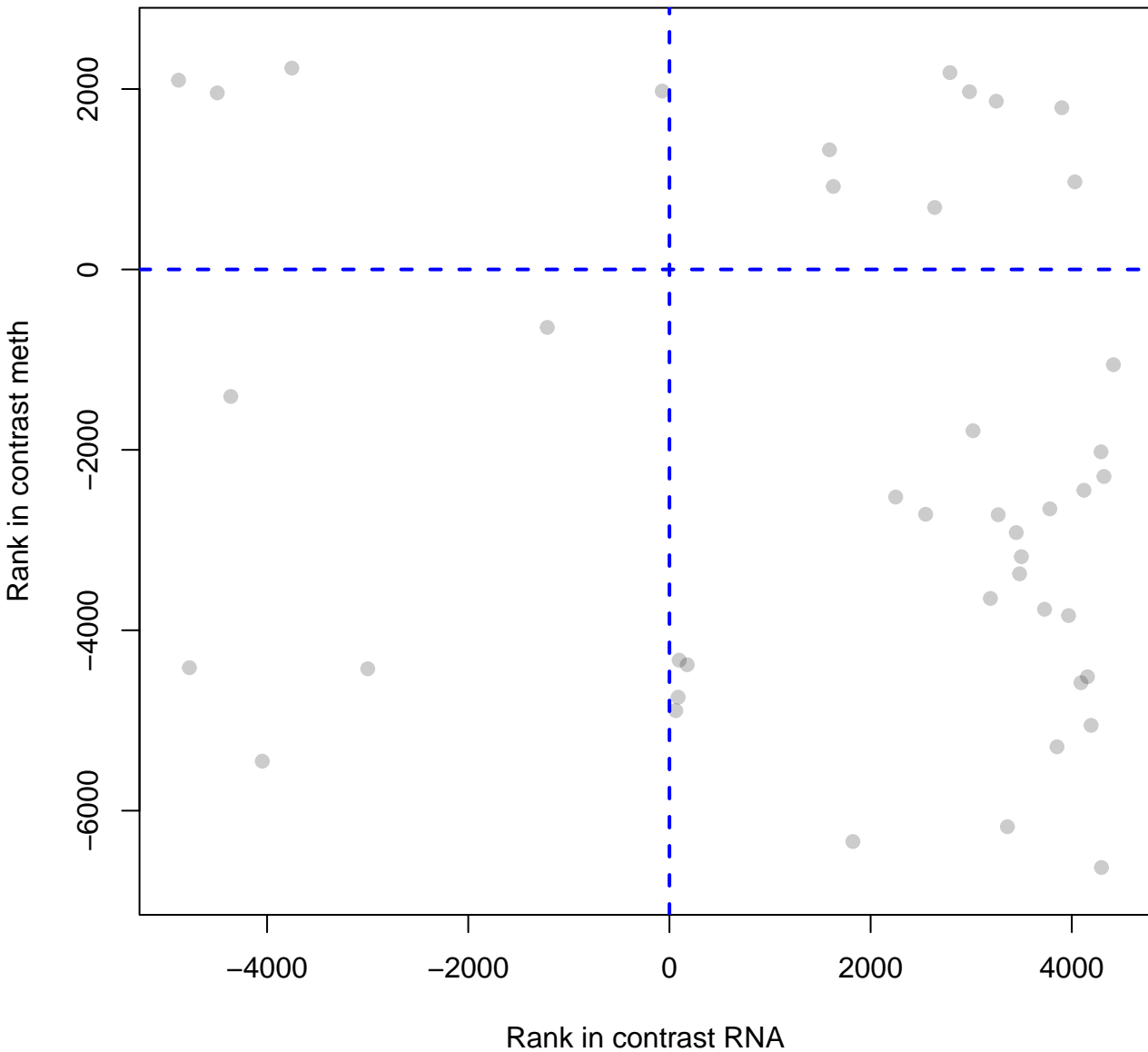
Leishmania phagocytosis



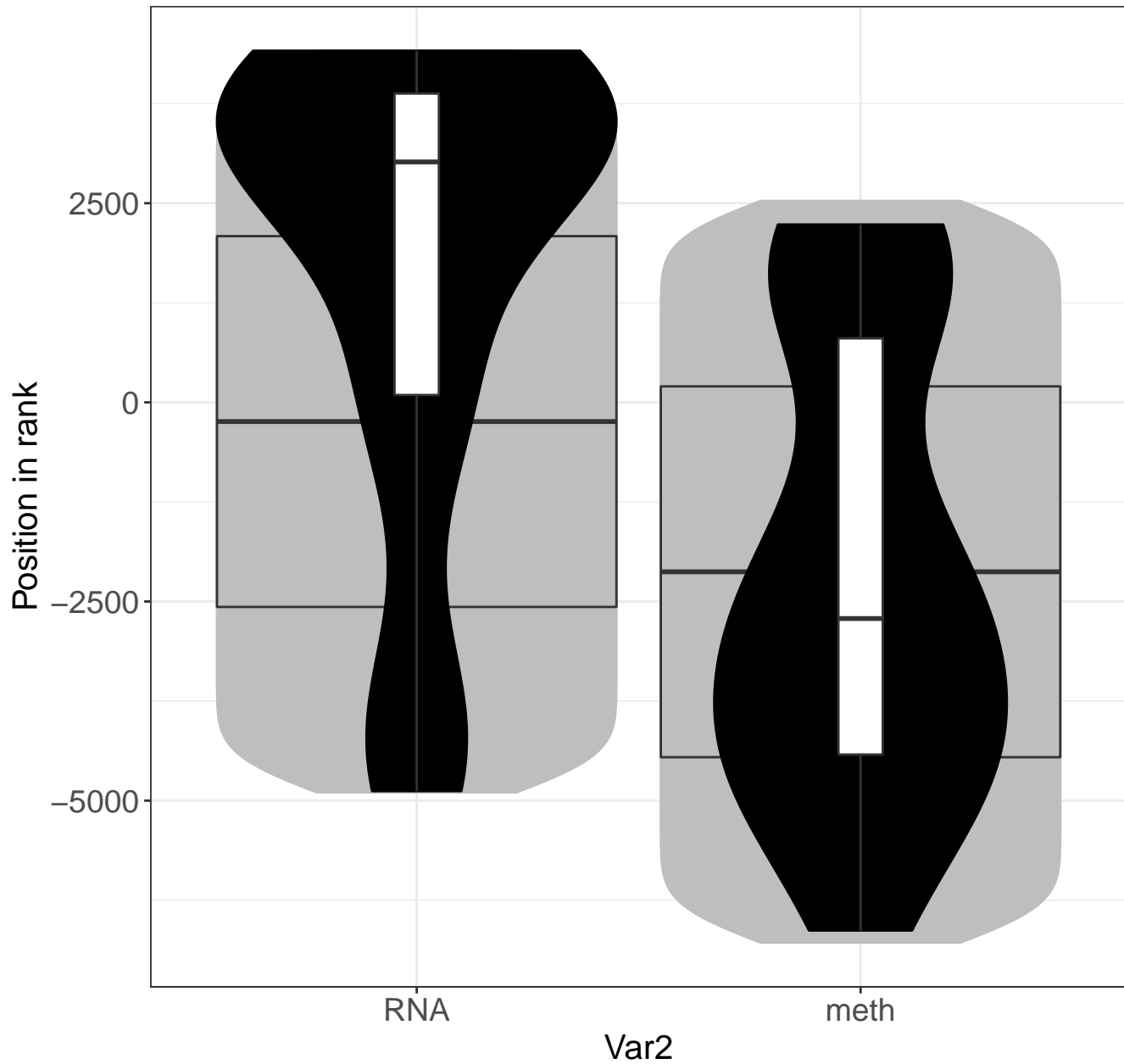
Parasite infection



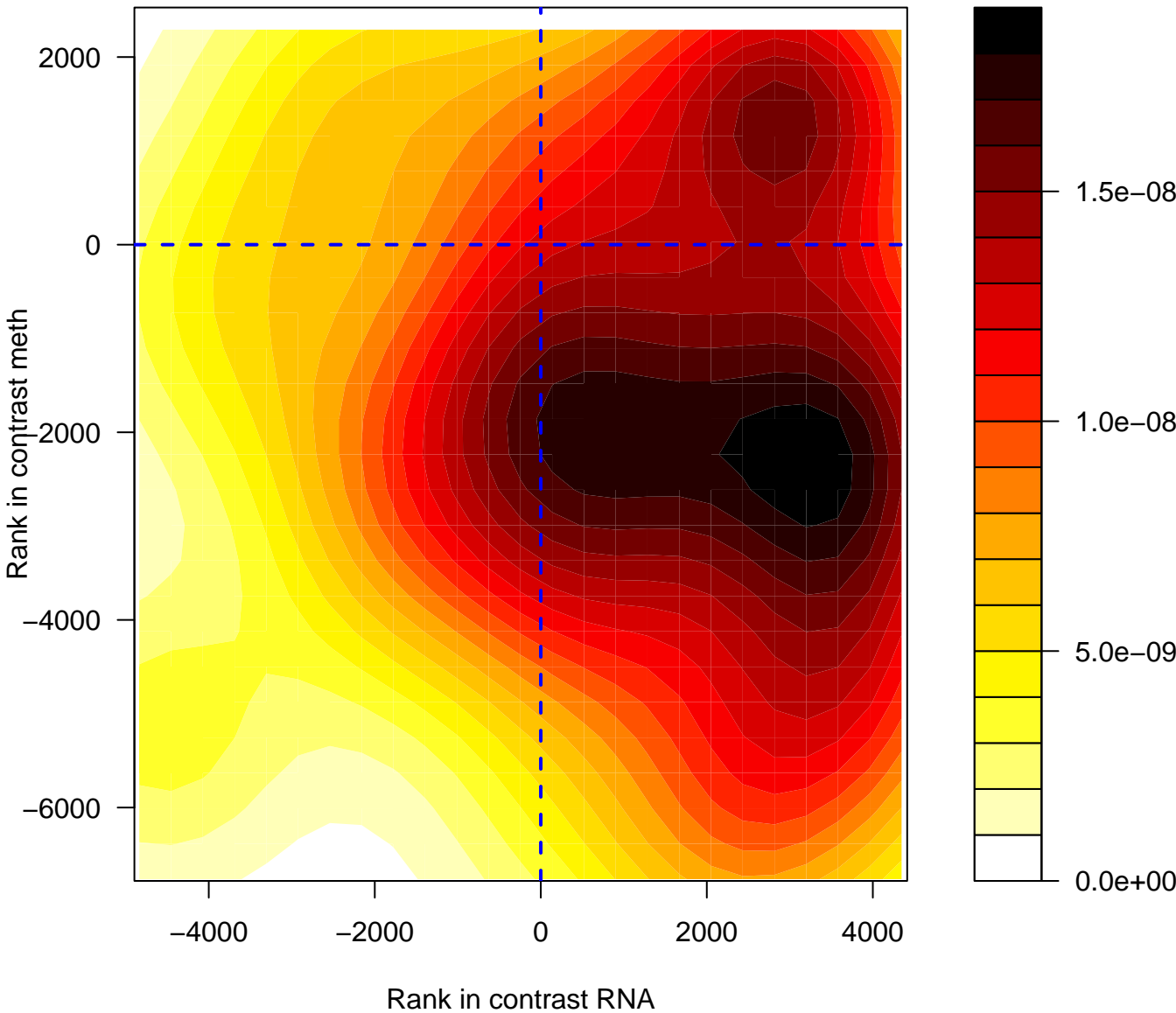
Parasite infection



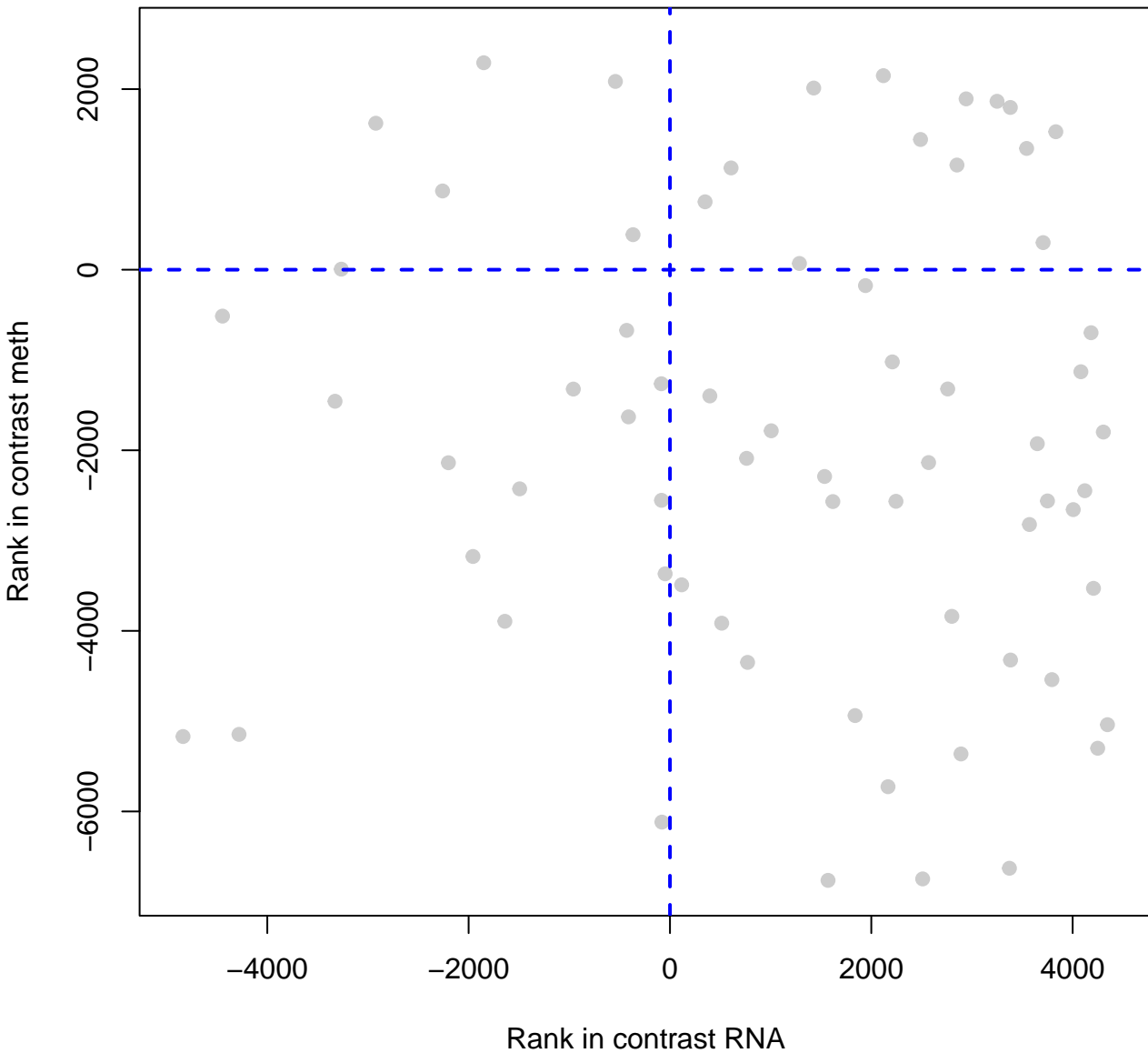
Parasite infection



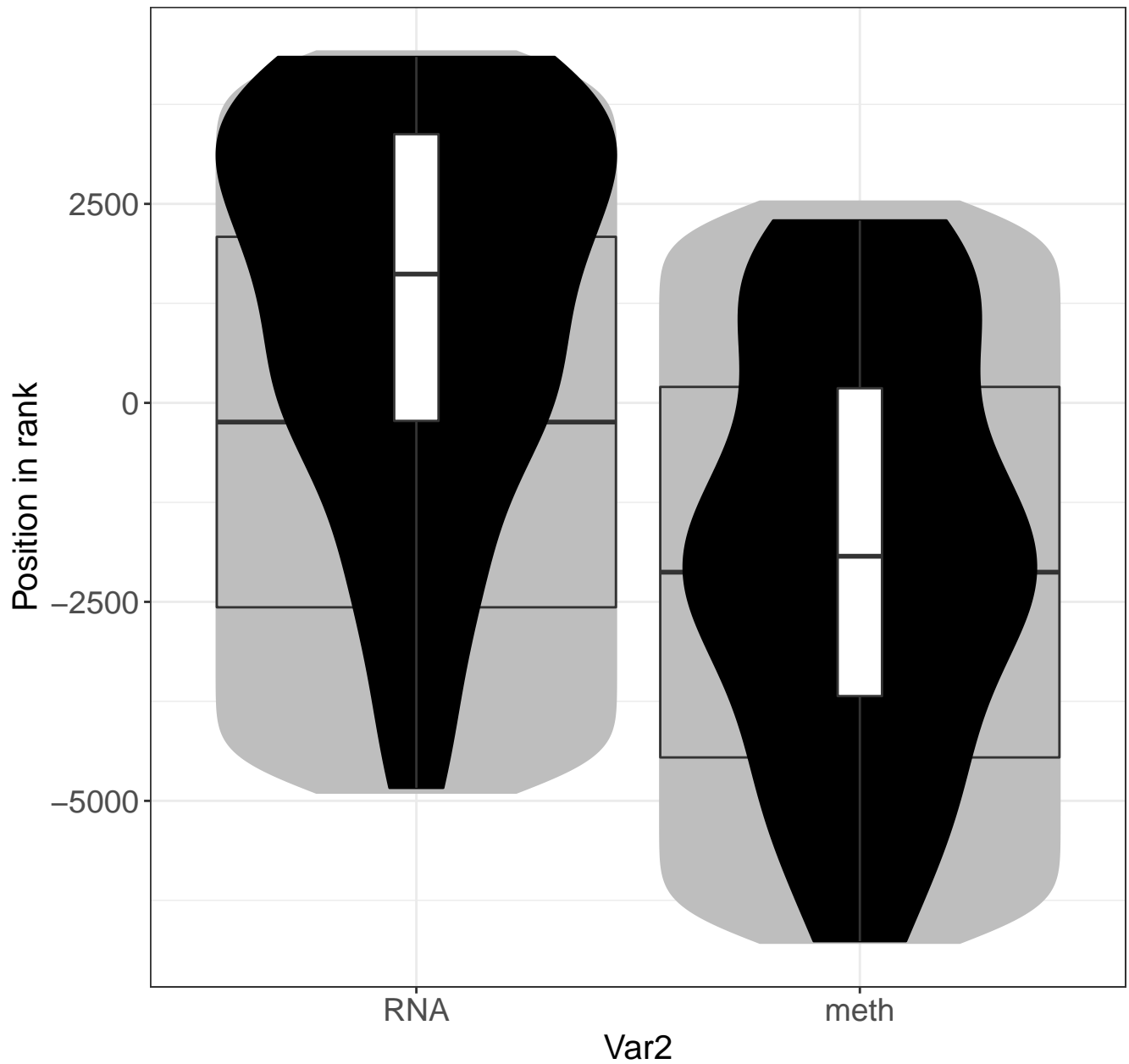
MyD88 dependent cascade initiated on endosome



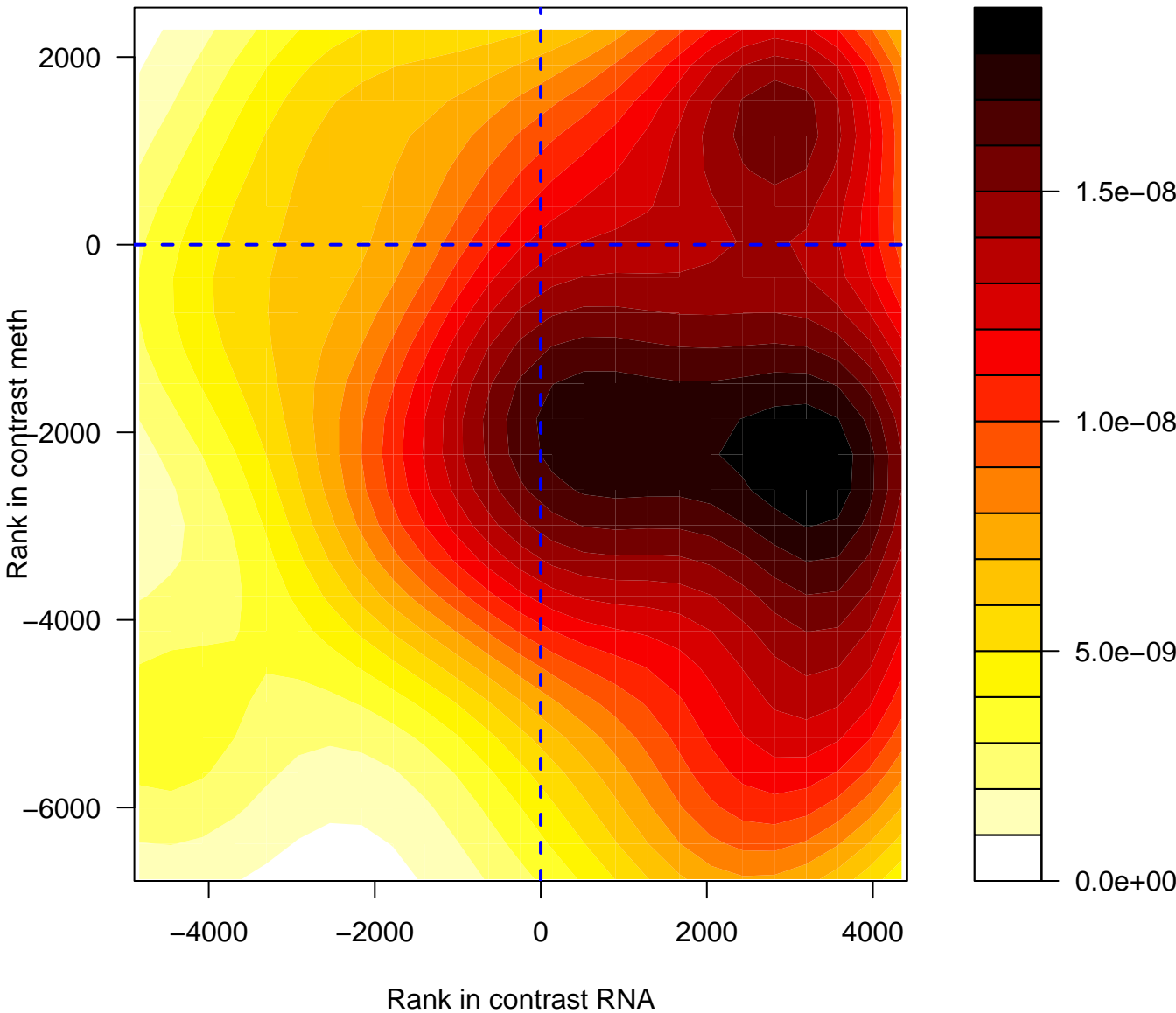
MyD88 dependent cascade initiated on endosome



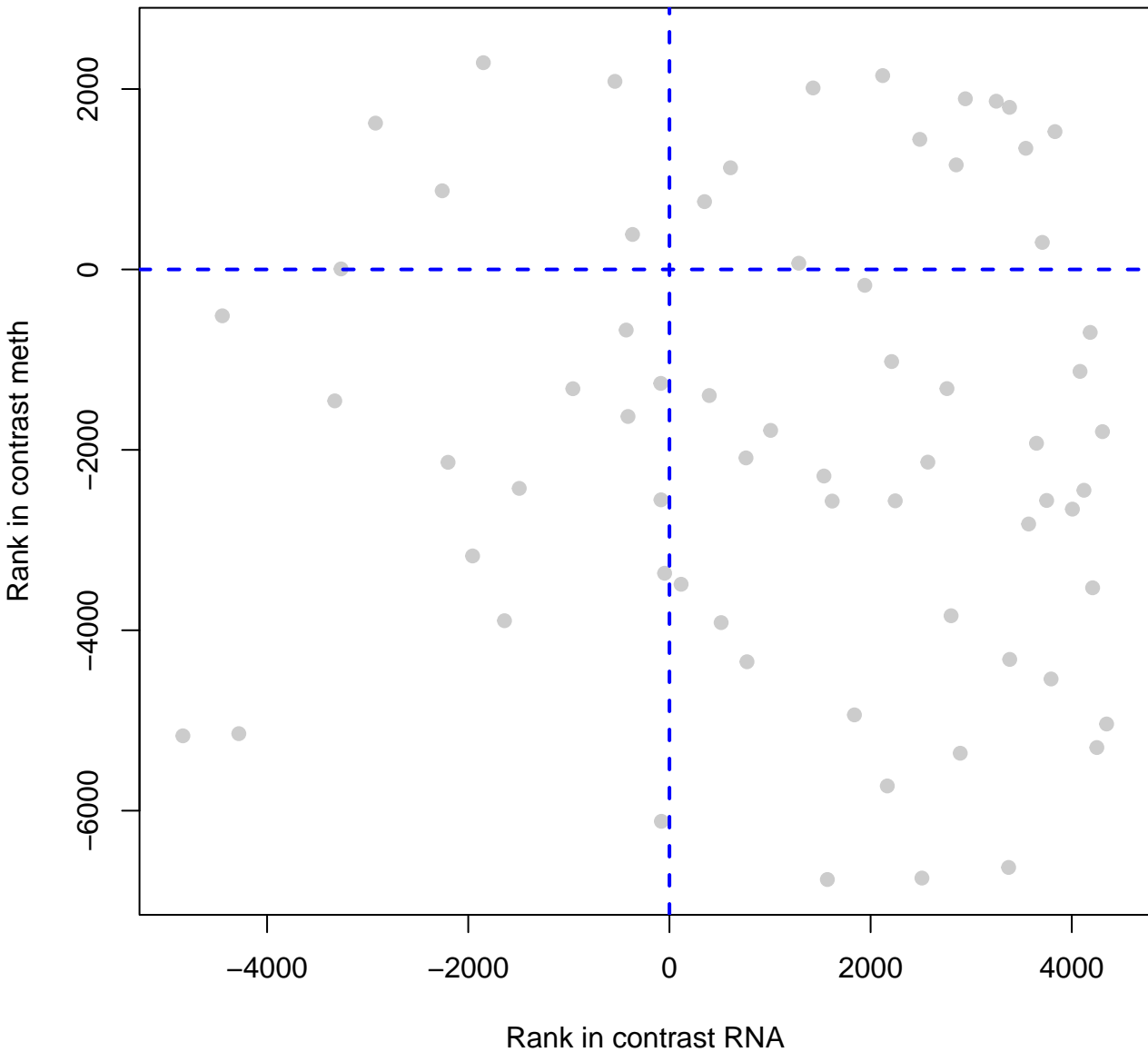
MyD88 dependent cascade initiated on endosome



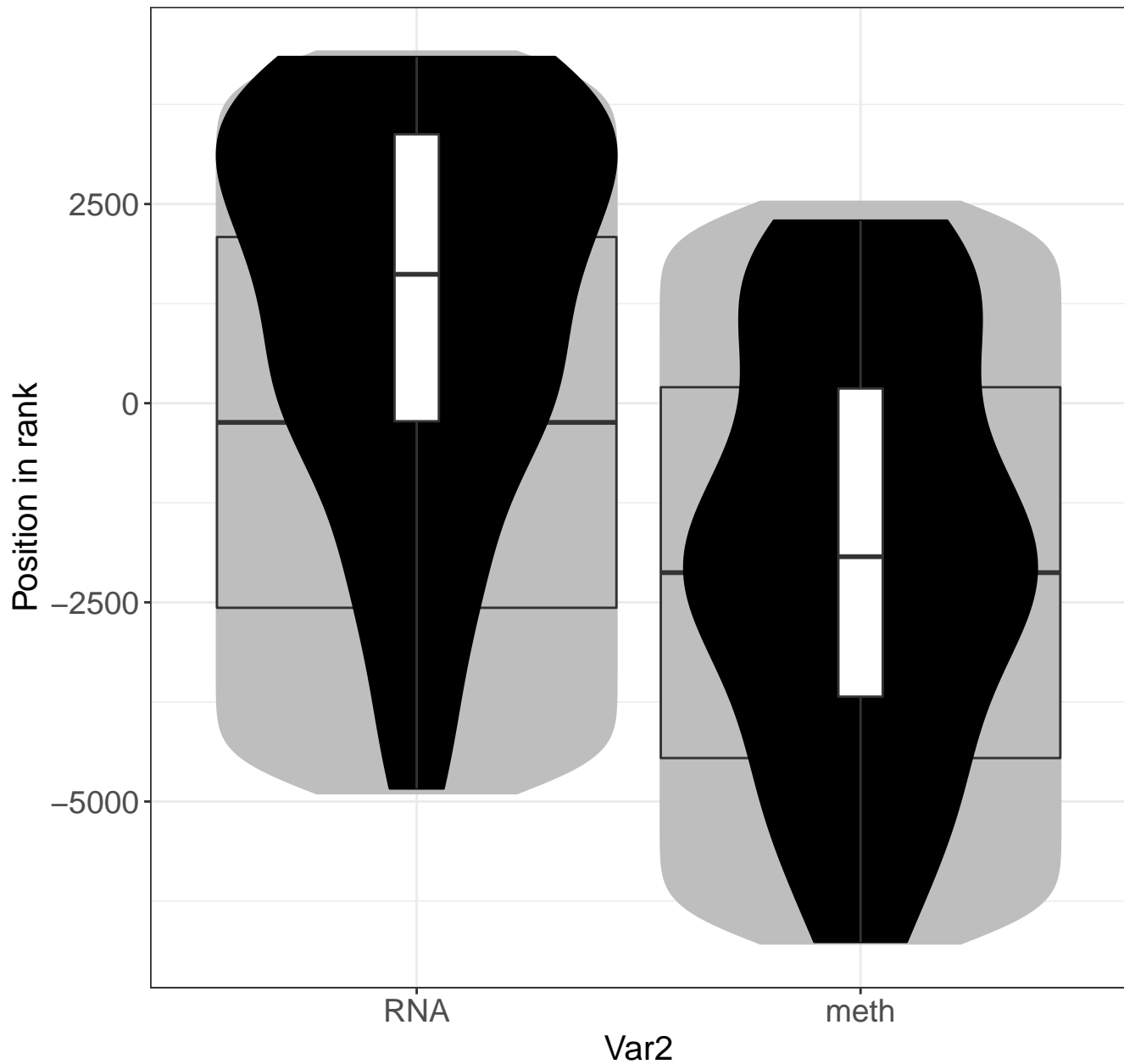
Toll Like Receptor 7/8 (TLR7/8) Cascade



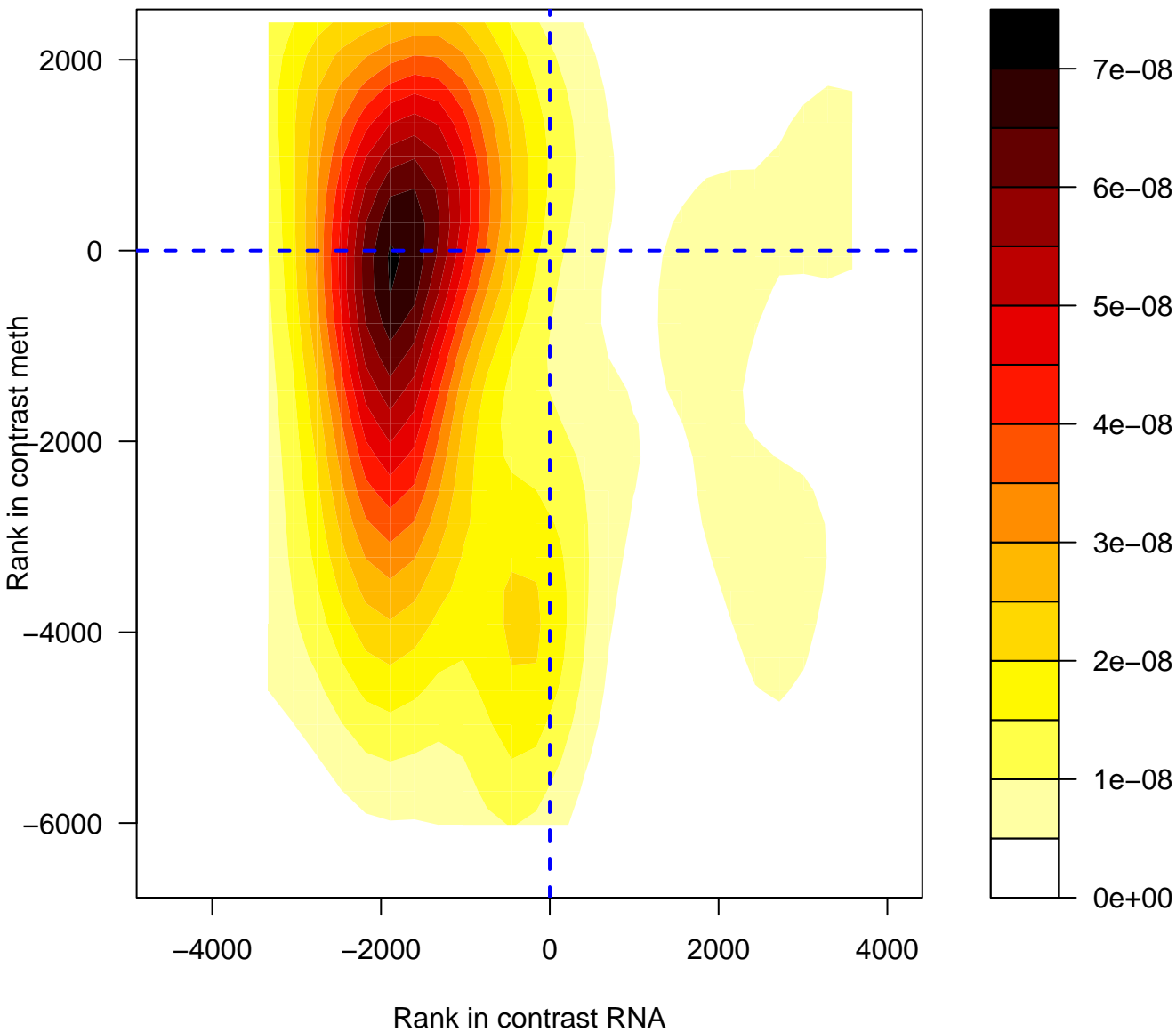
Toll Like Receptor 7/8 (TLR7/8) Cascade



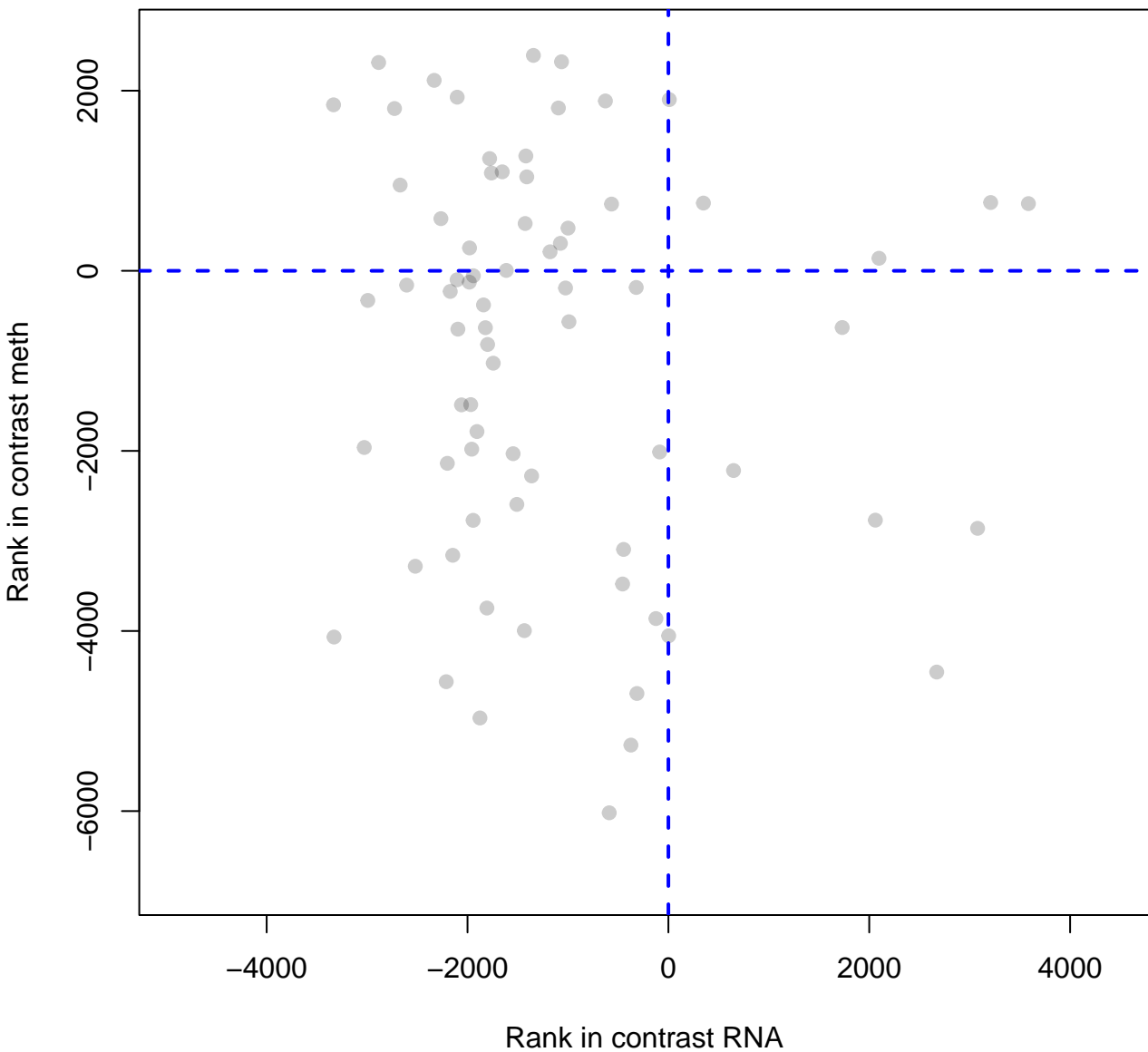
Toll Like Receptor 7/8 (TLR7/8) Cascade



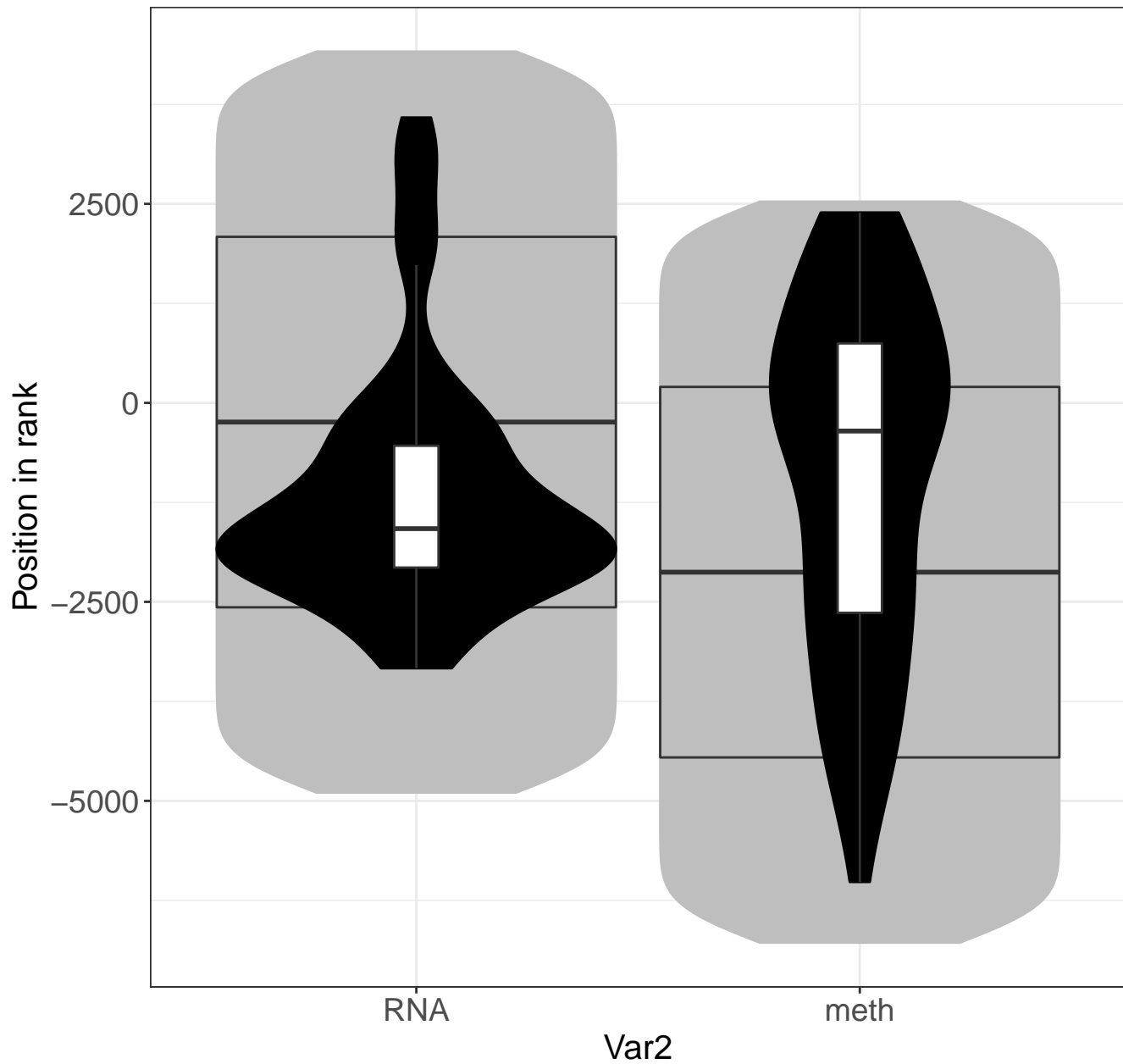
Non-Mediated Decay (NMD) independent of the Exon Junction (EJ)



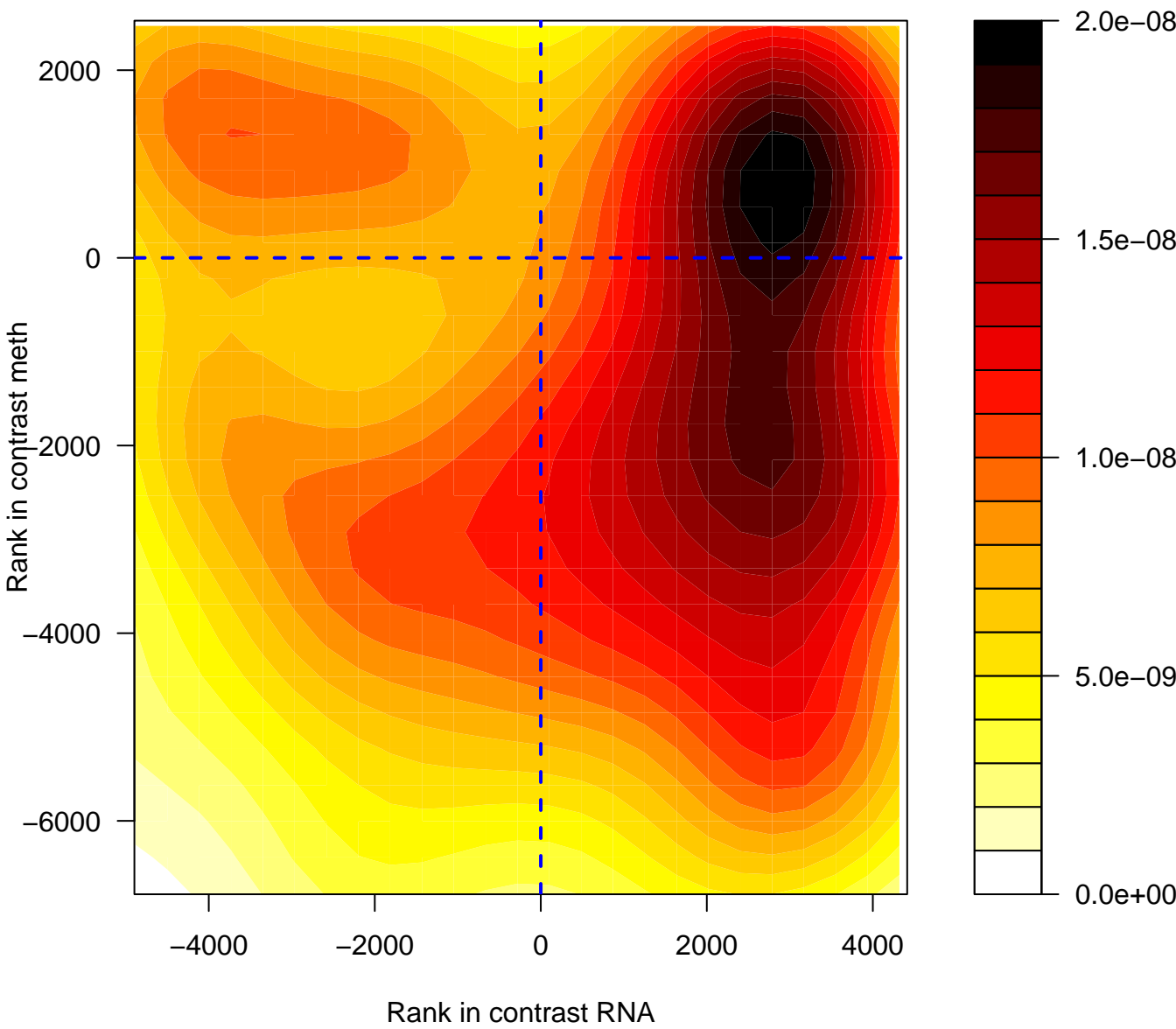
onsense Mediated Decay (NMD) independent of the Exon Junction Complex



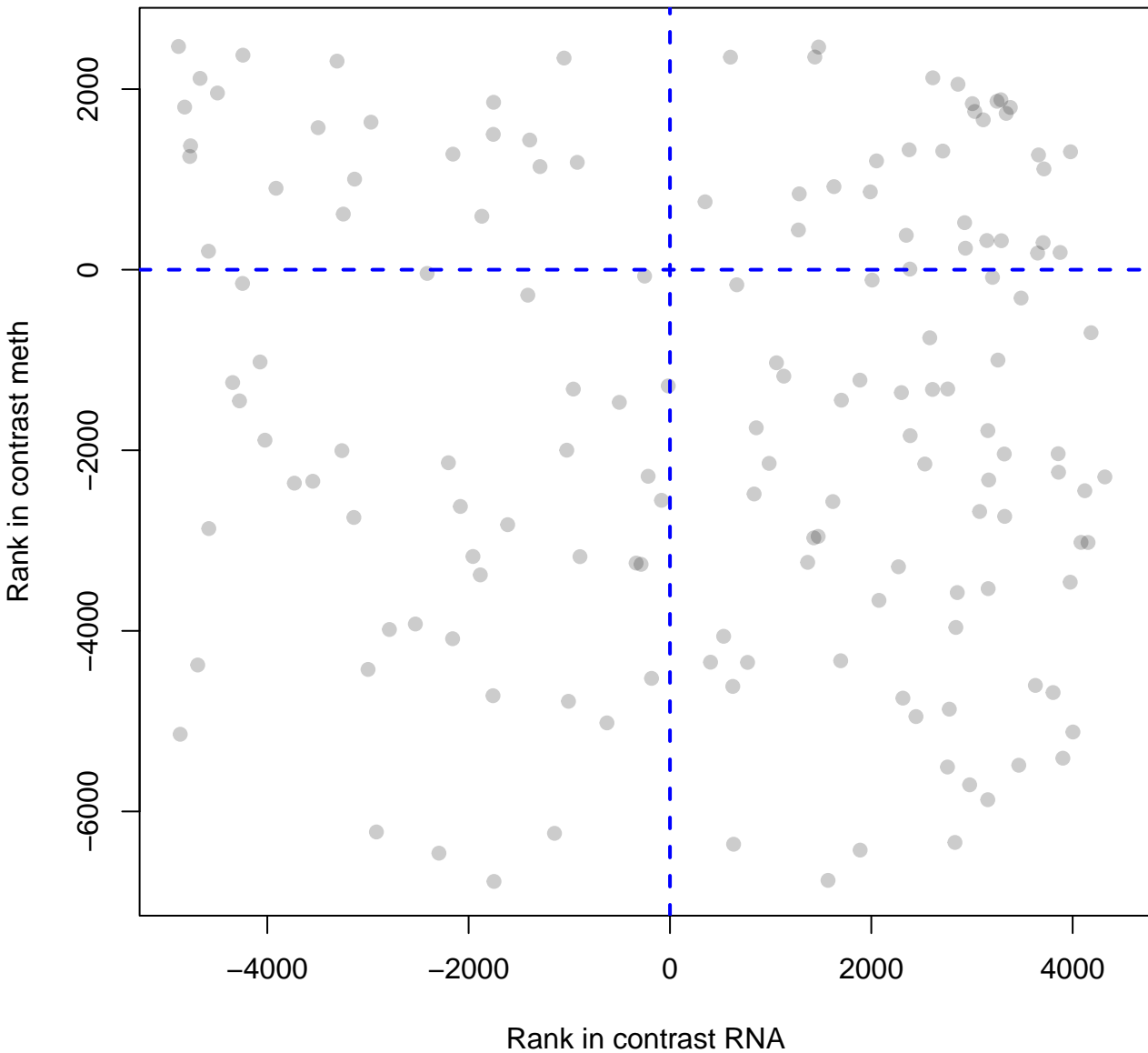
Nonsense Mediated Decay (NMD) independent of o



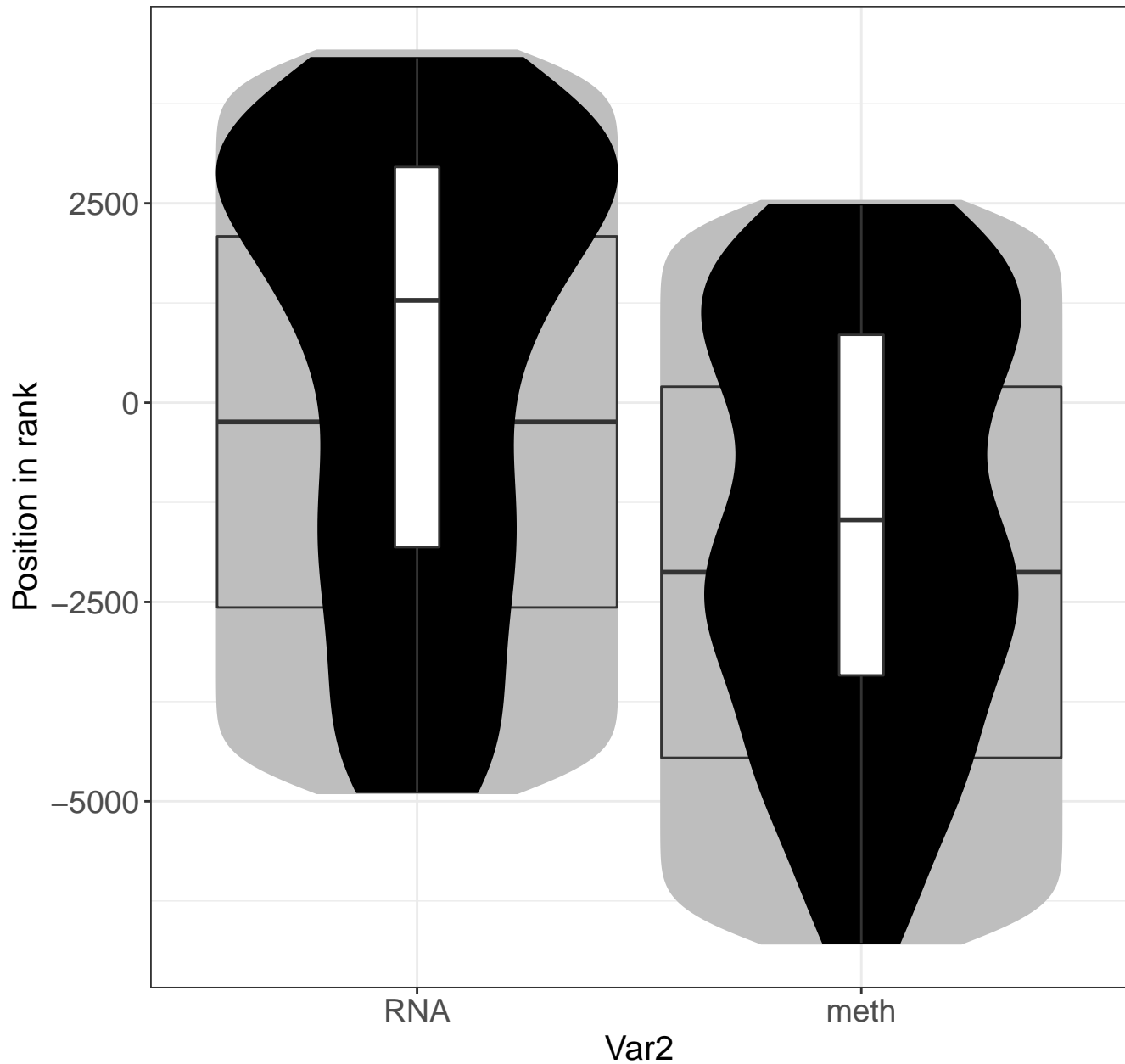
RAF/MAP kinase cascade



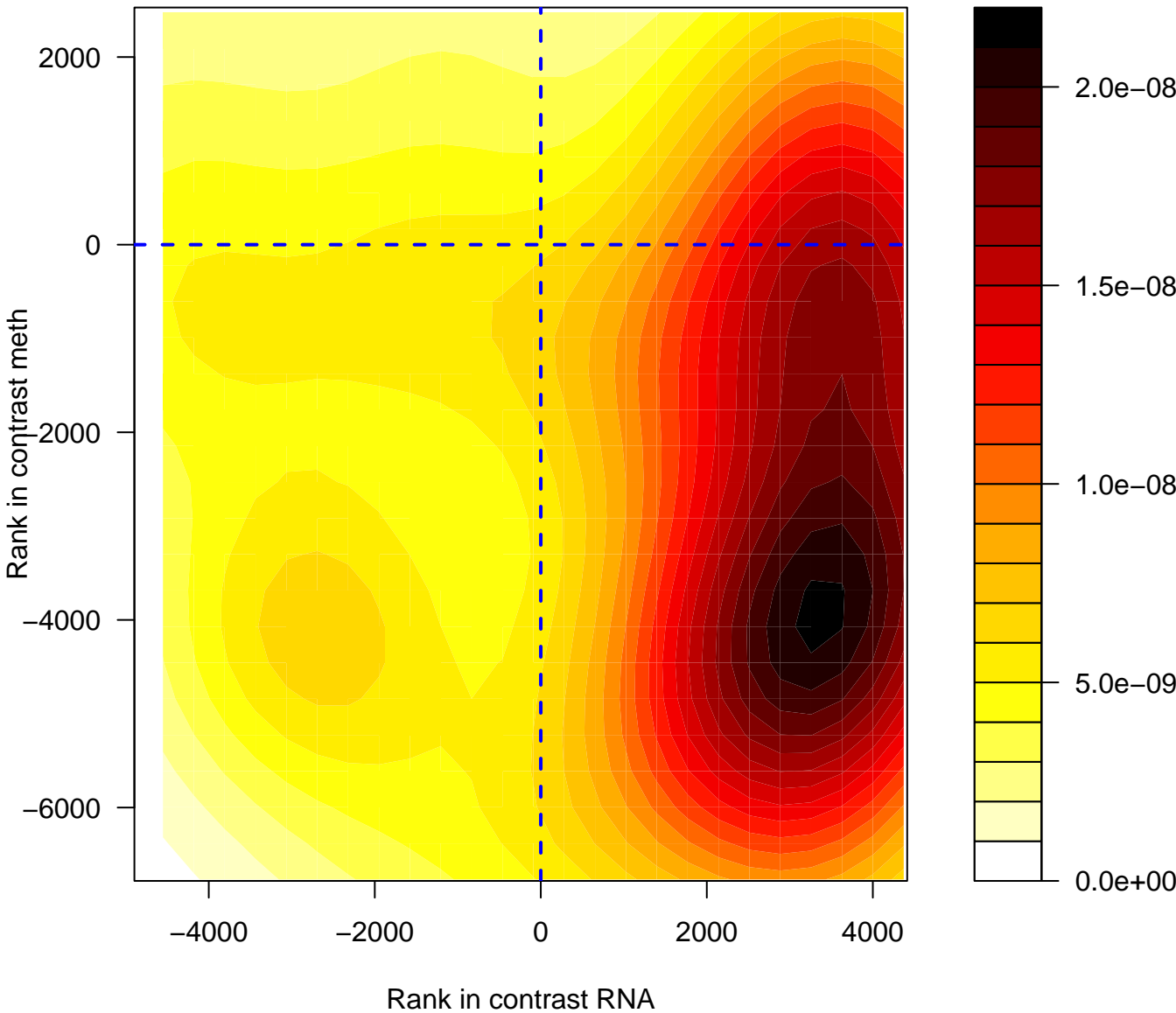
RAF/MAP kinase cascade



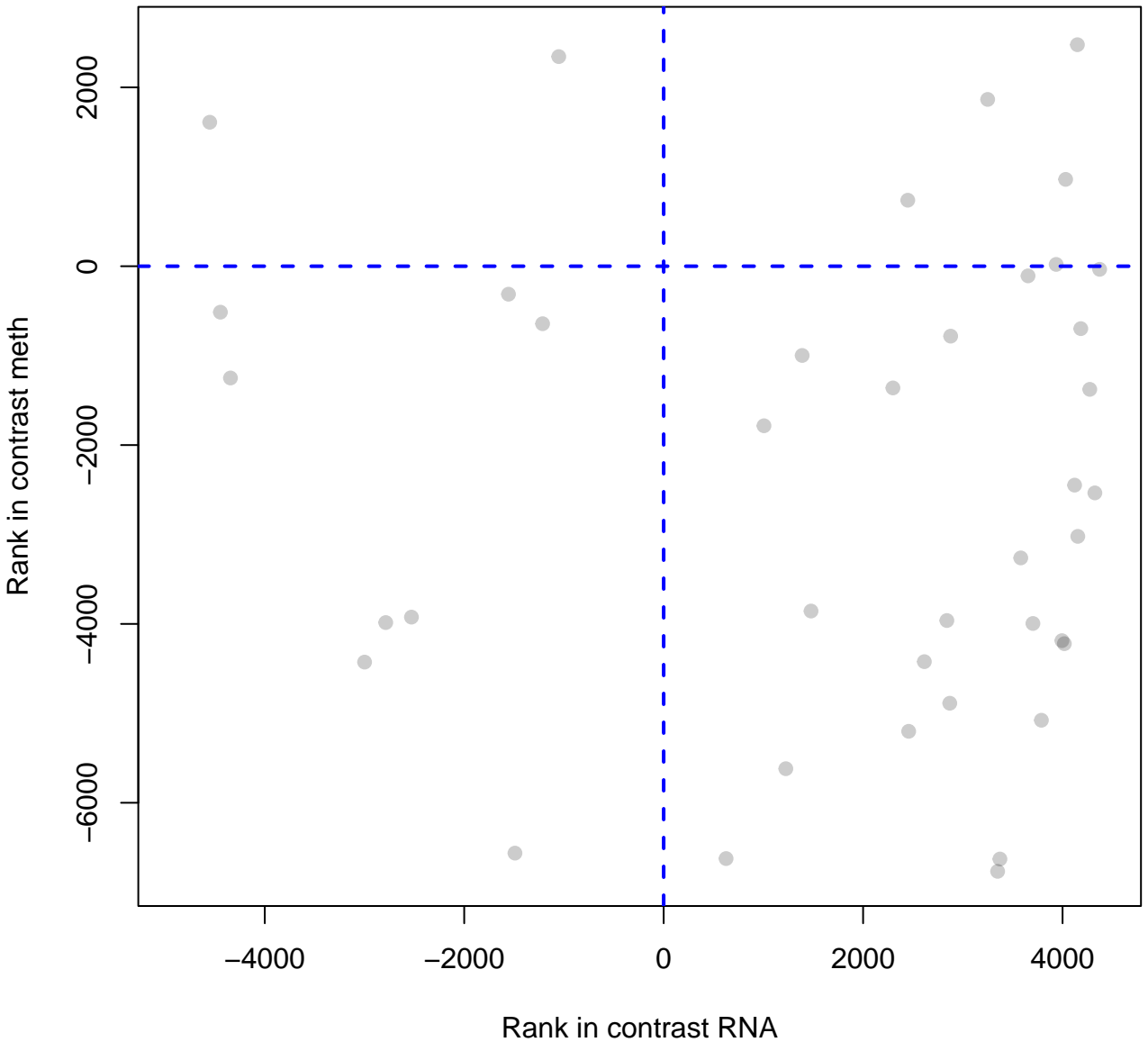
RAF/MAP kinase cascade



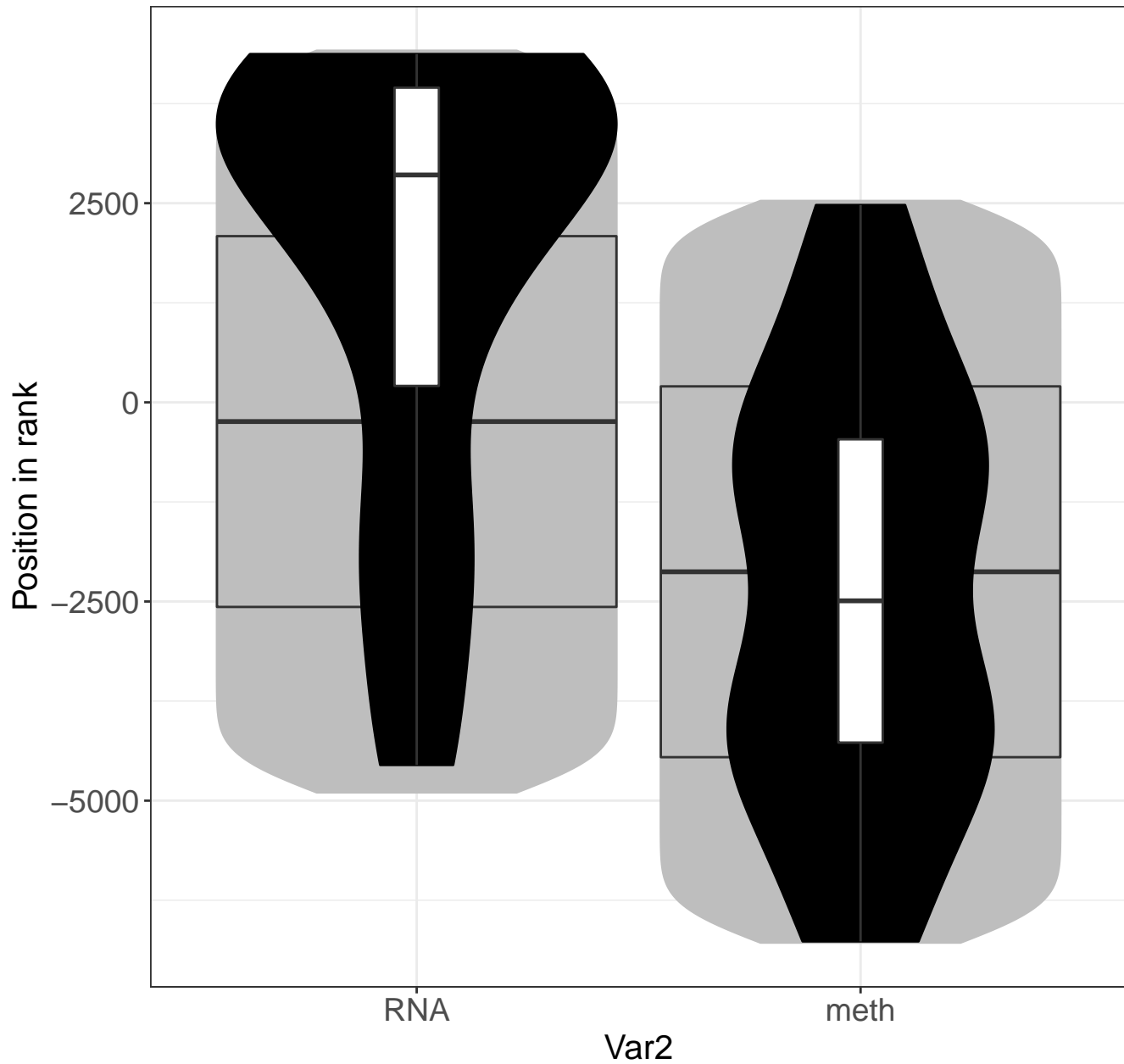
L1CAM interactions



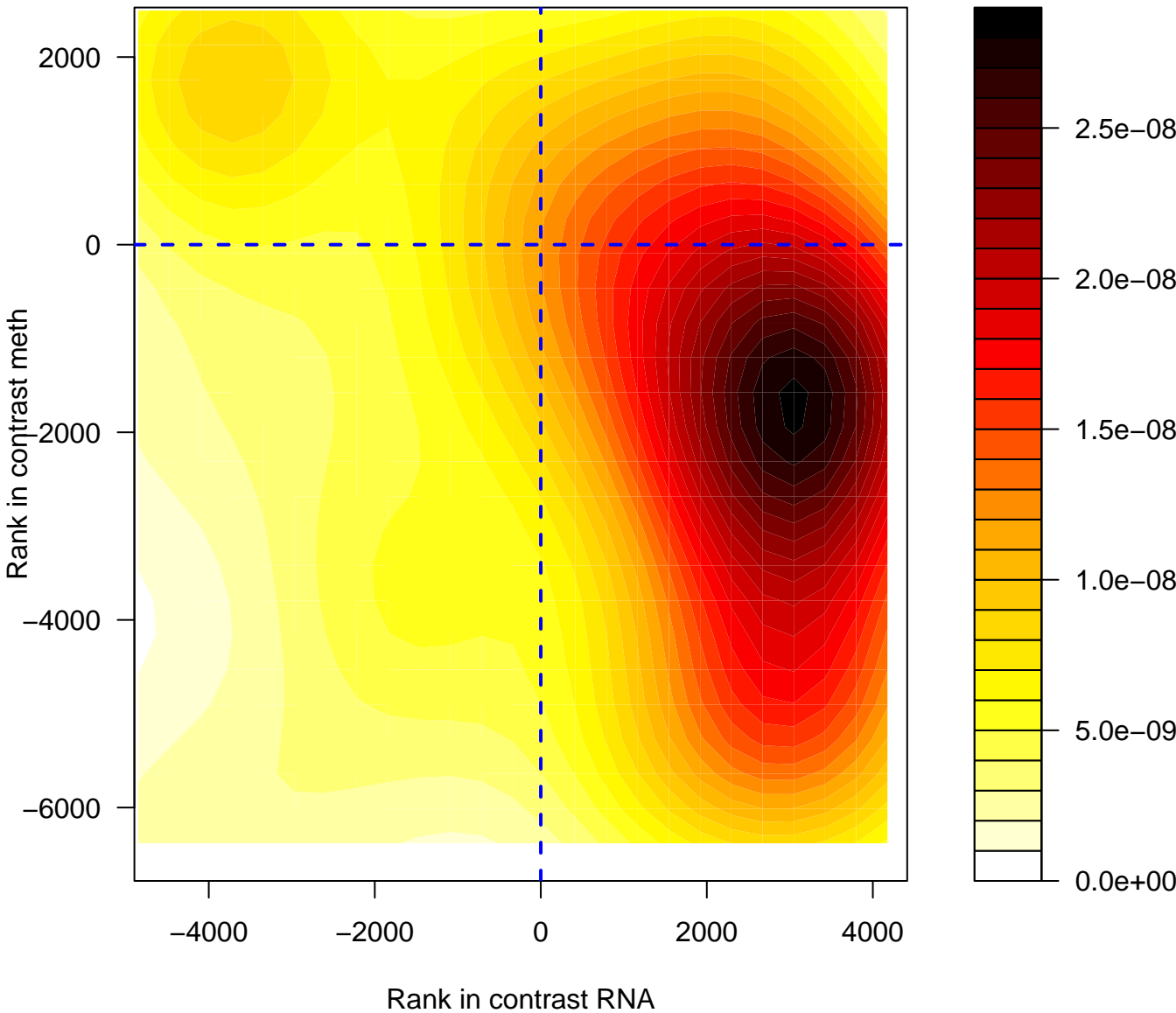
L1CAM interactions



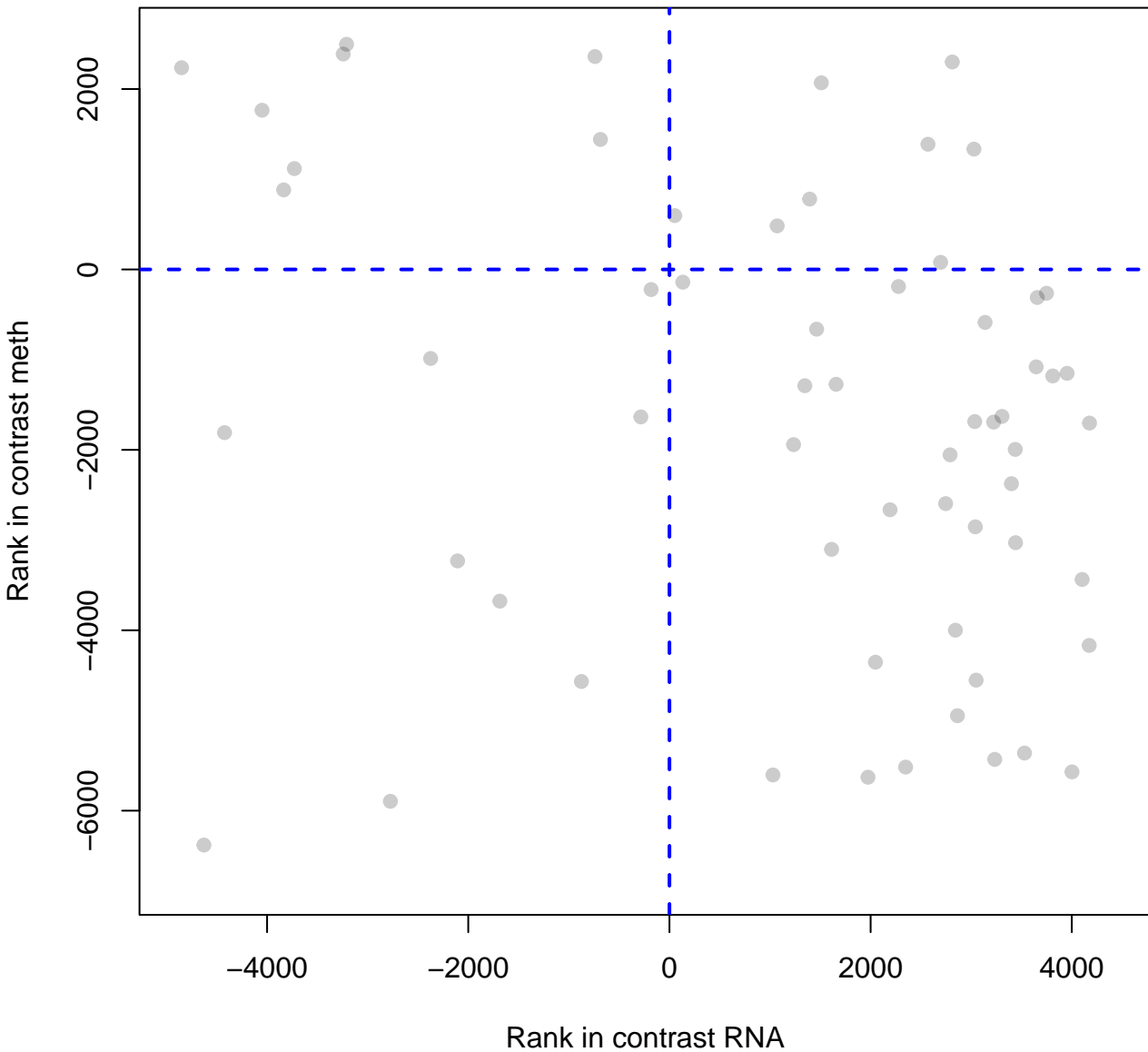
L1CAM interactions



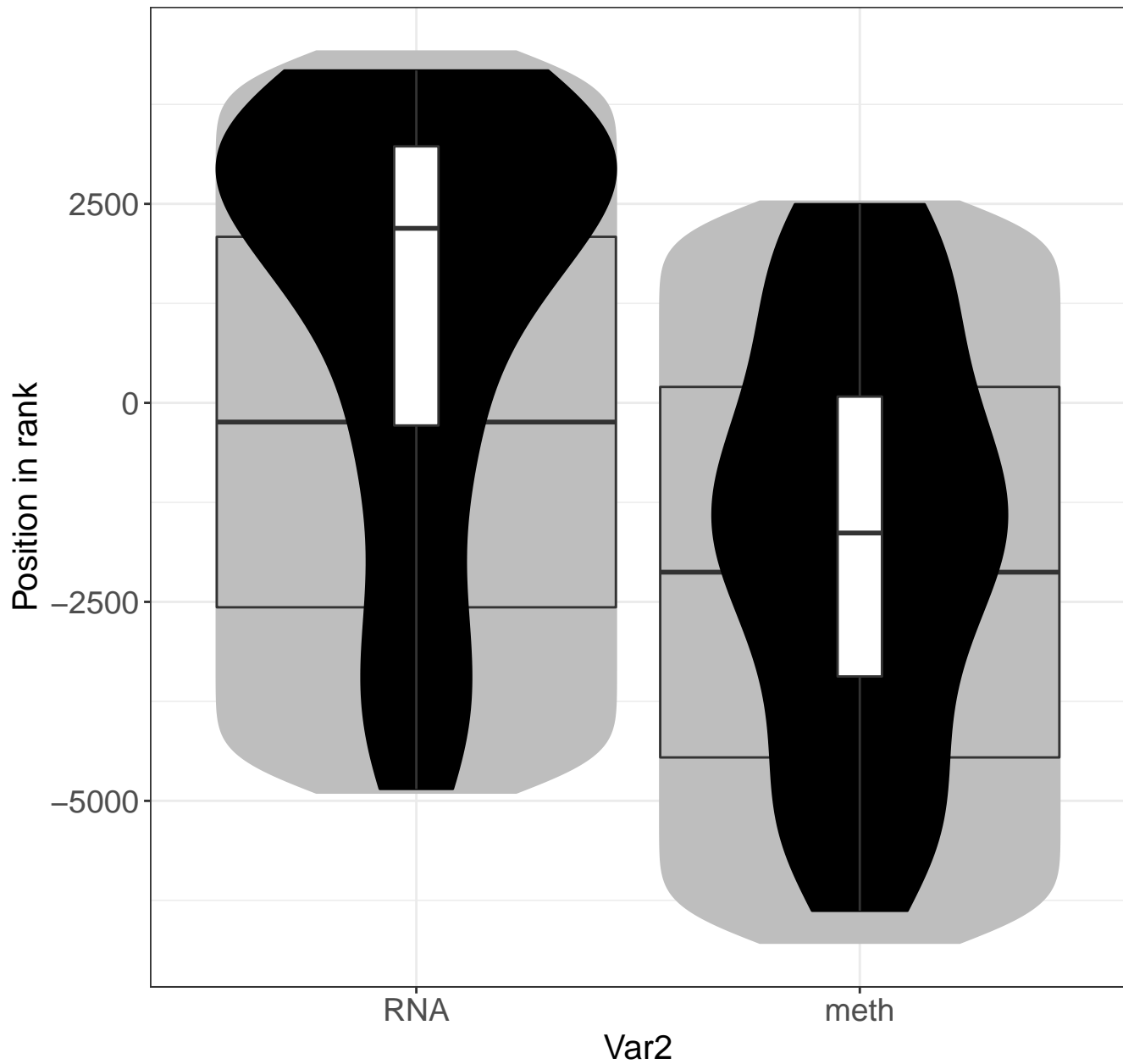
RAB GEFs exchange GTP for GDP on RABs



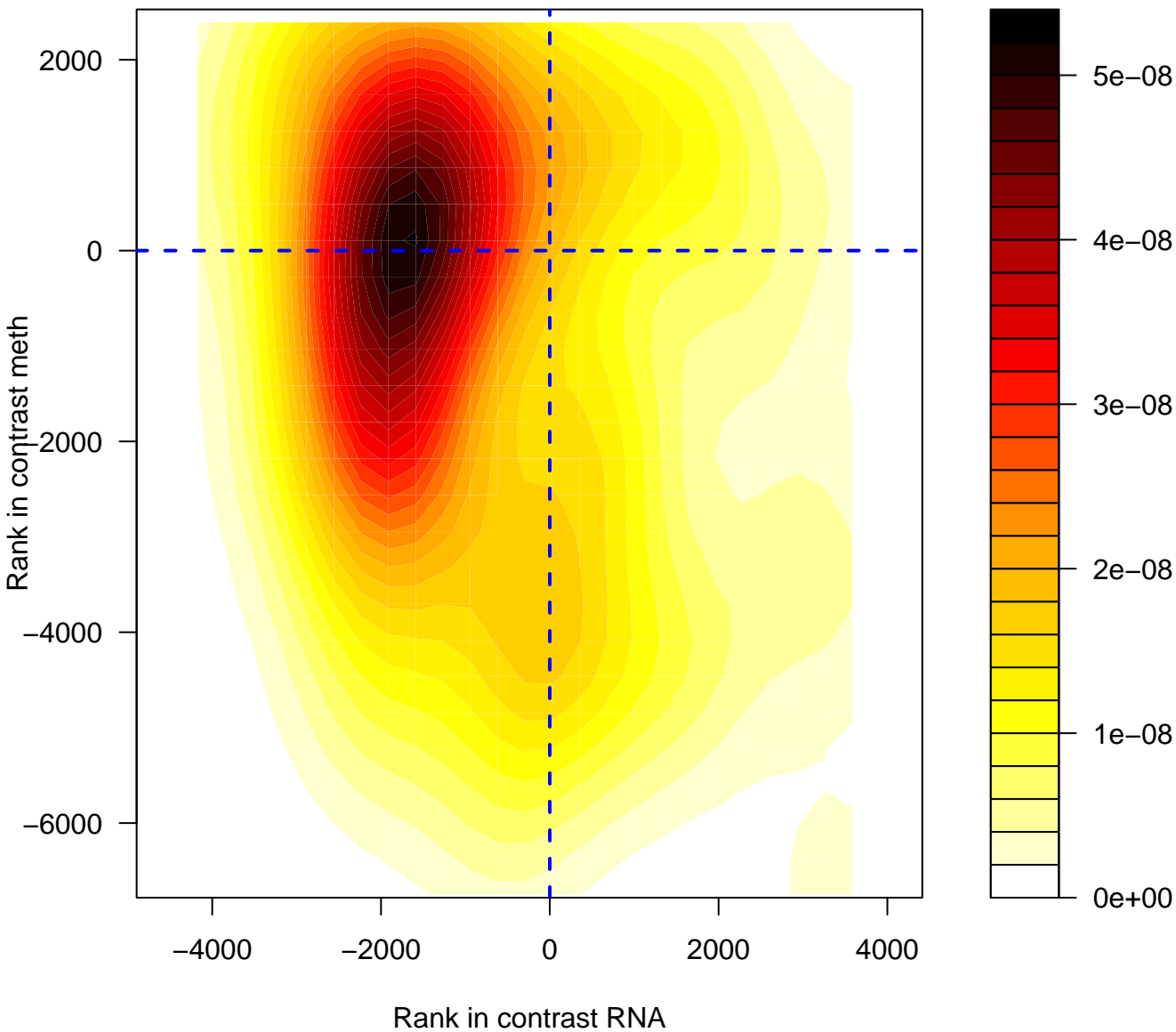
RAB GEFs exchange GTP for GDP on RABs



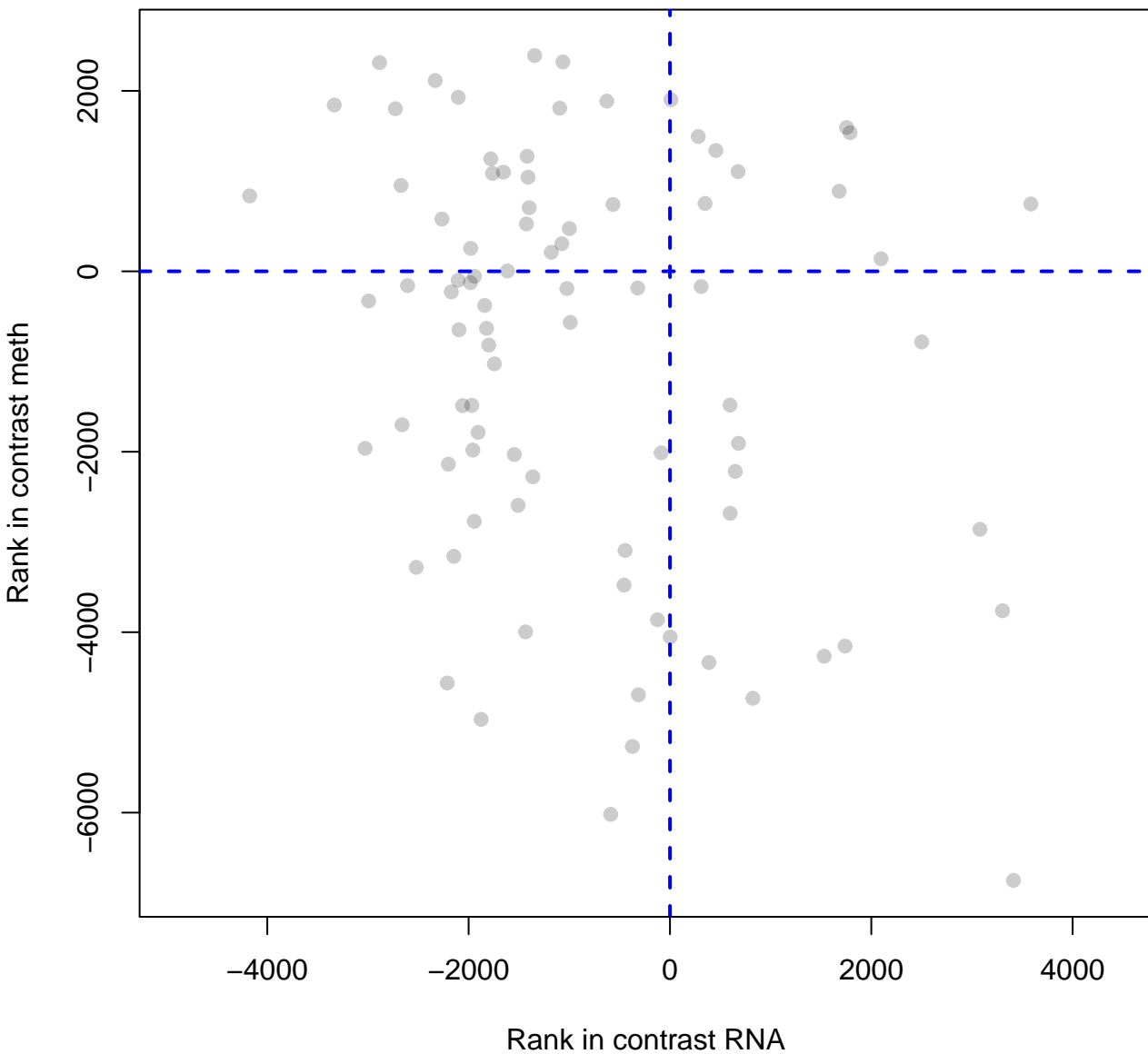
RAB GEFs exchange GTP for GDP on RABs



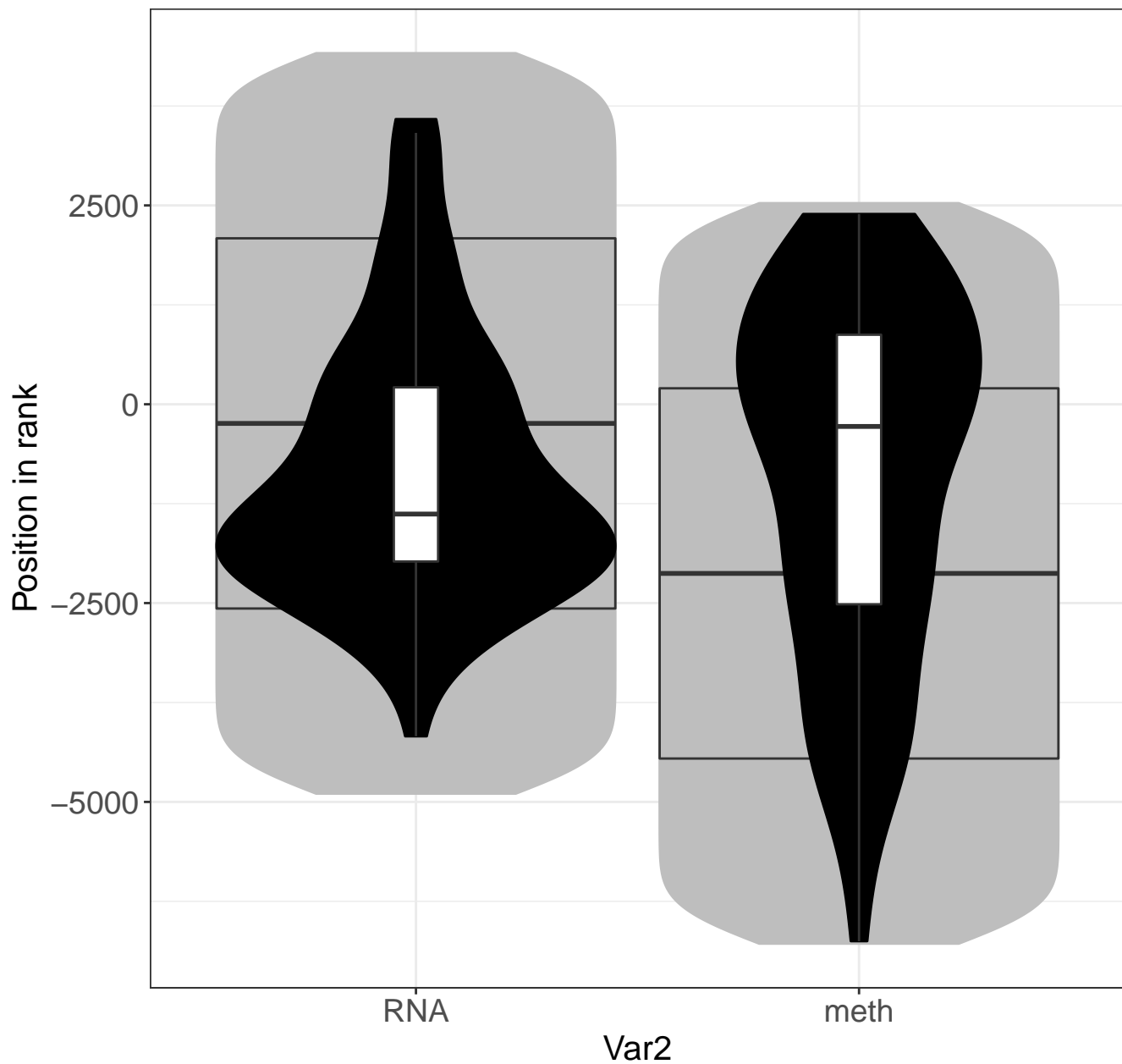
GTP hydrolysis and joining of the 60S ribosomal subun



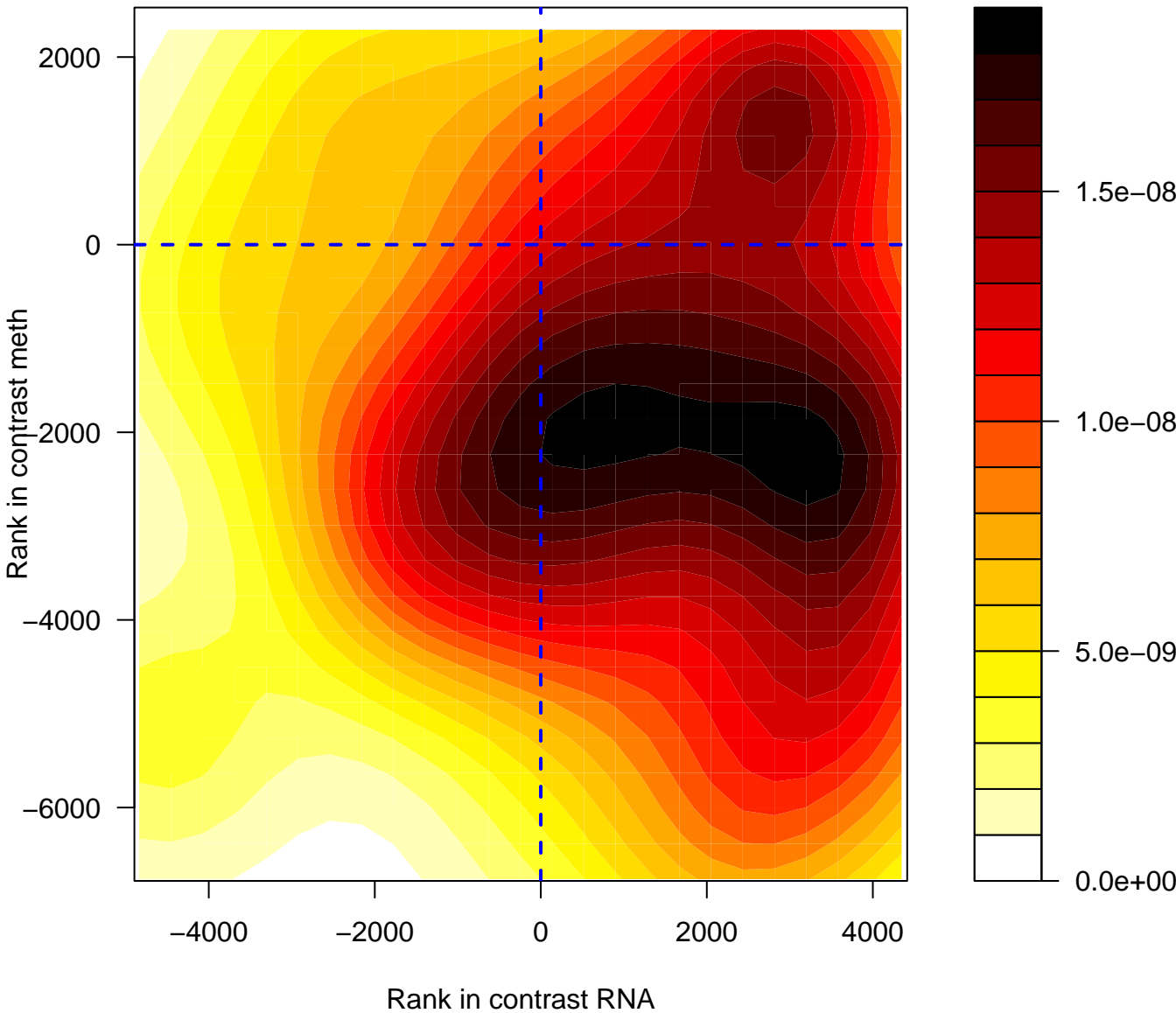
GTP hydrolysis and joining of the 60S ribosomal subunit



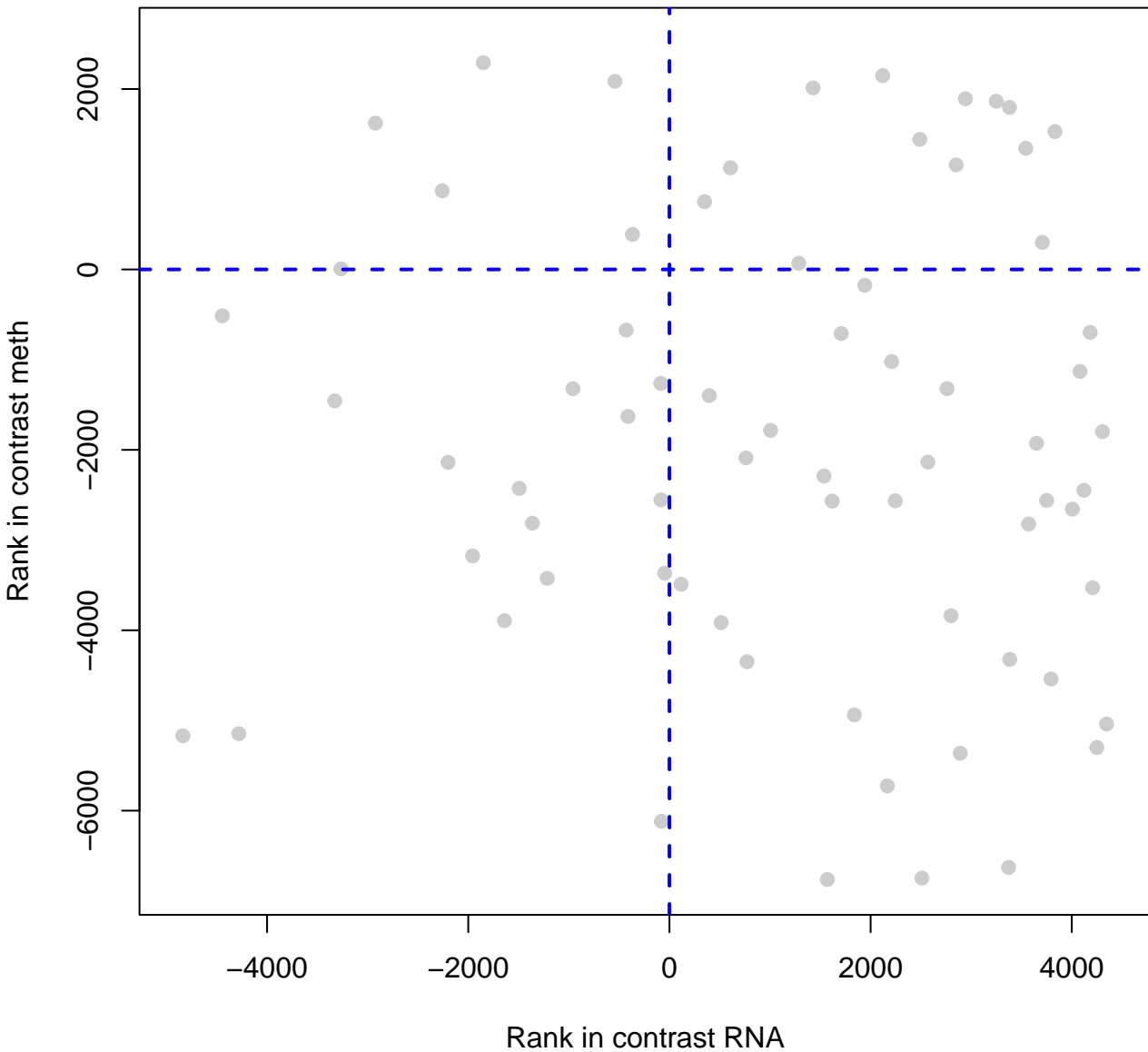
GTP hydrolysis and joining of the 60S ribosomal s



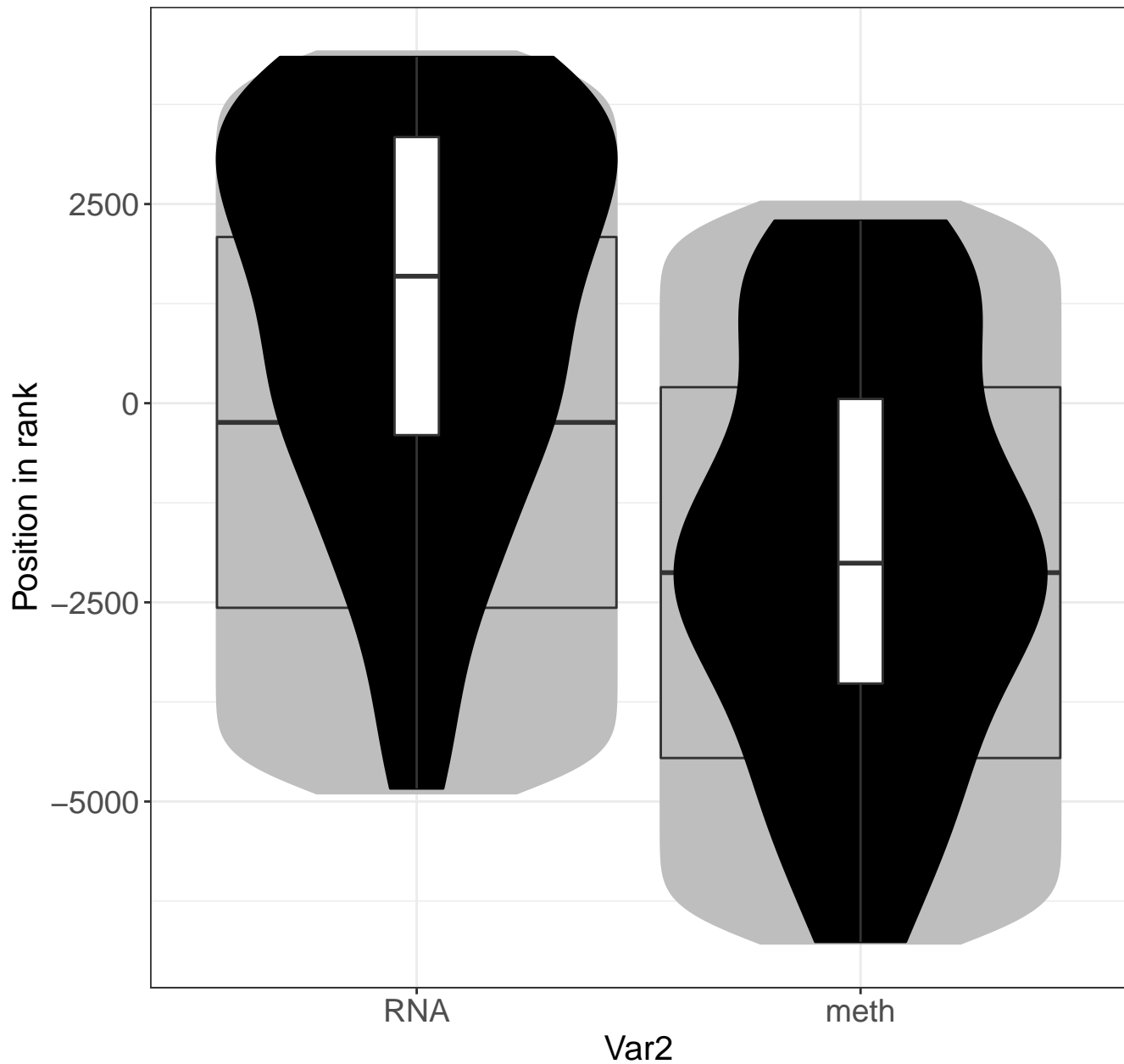
Toll Like Receptor 9 (TLR9) Cascade



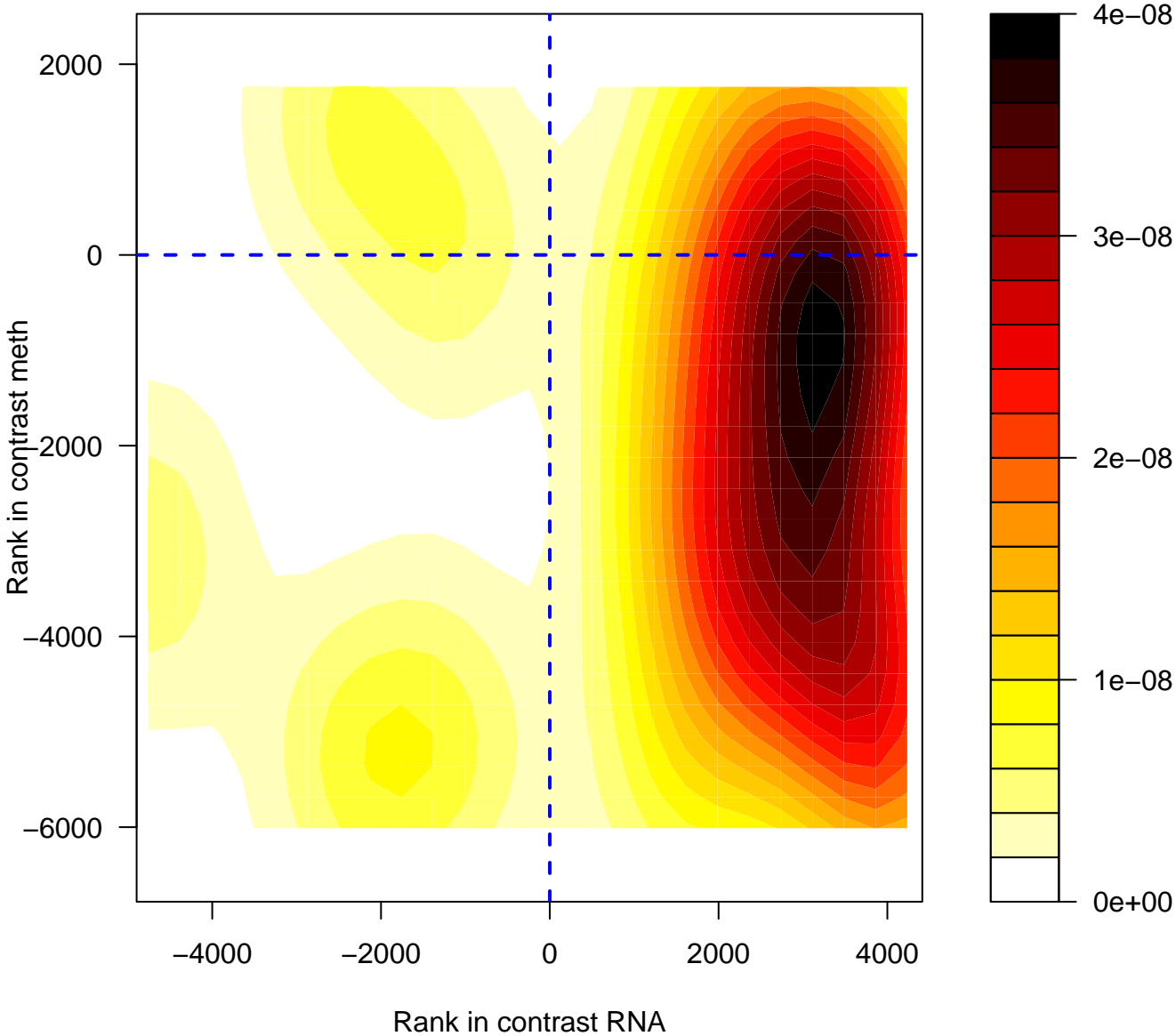
Toll Like Receptor 9 (TLR9) Cascade



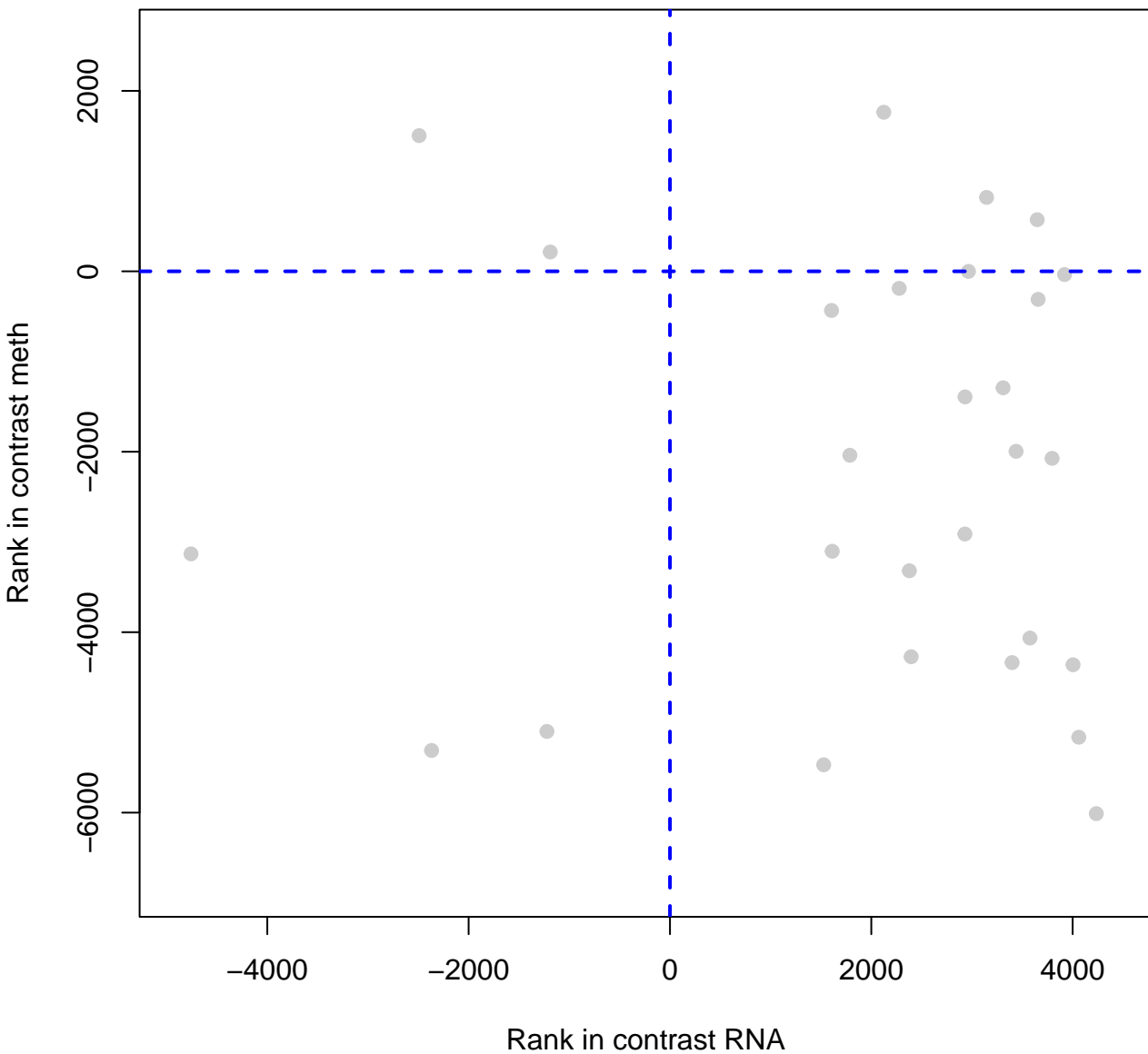
Toll Like Receptor 9 (TLR9) Cascade



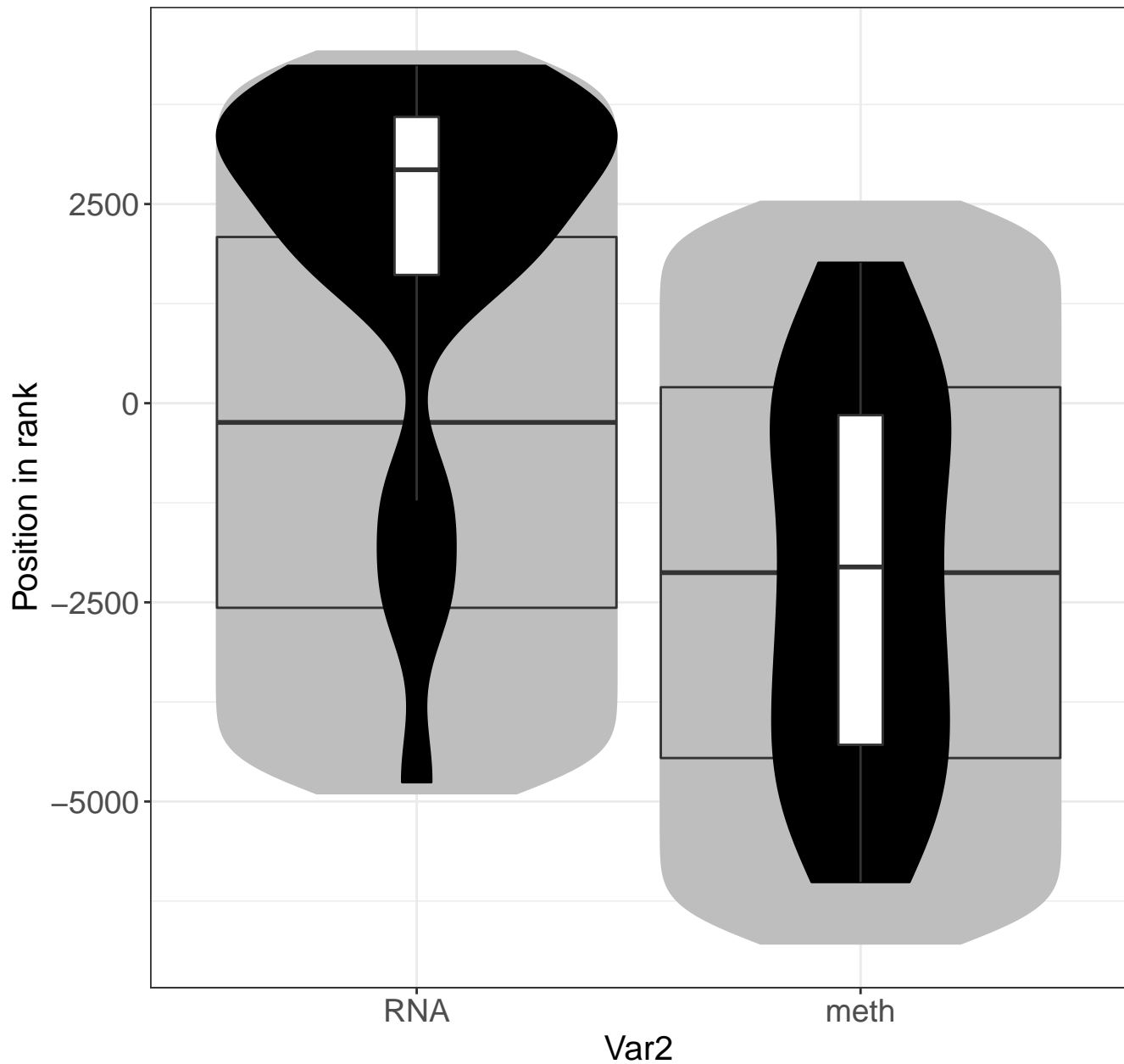
COPI-independent Golgi-to-ER retrograde traffic



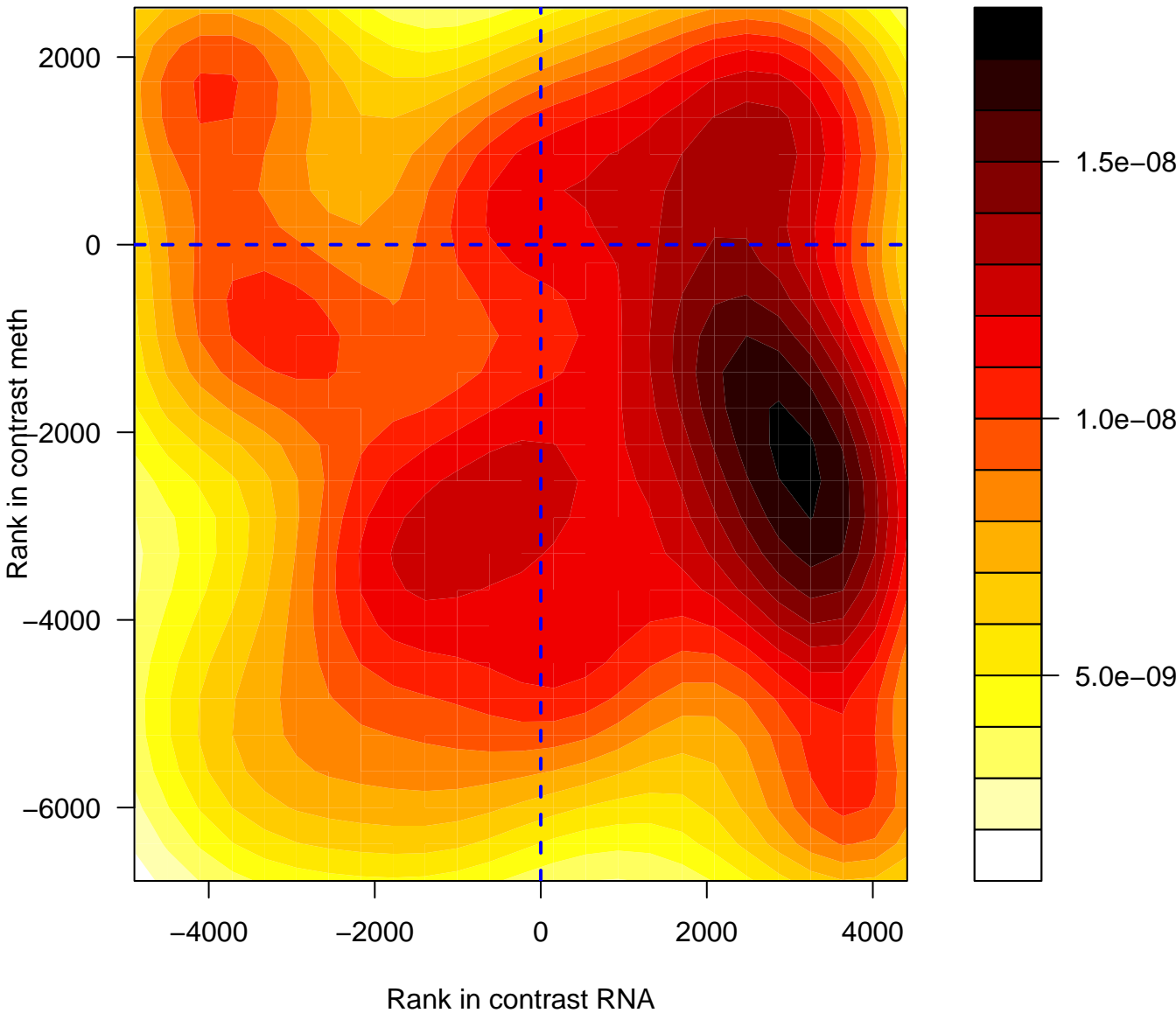
COPI-independent Golgi-to-ER retrograde traffic



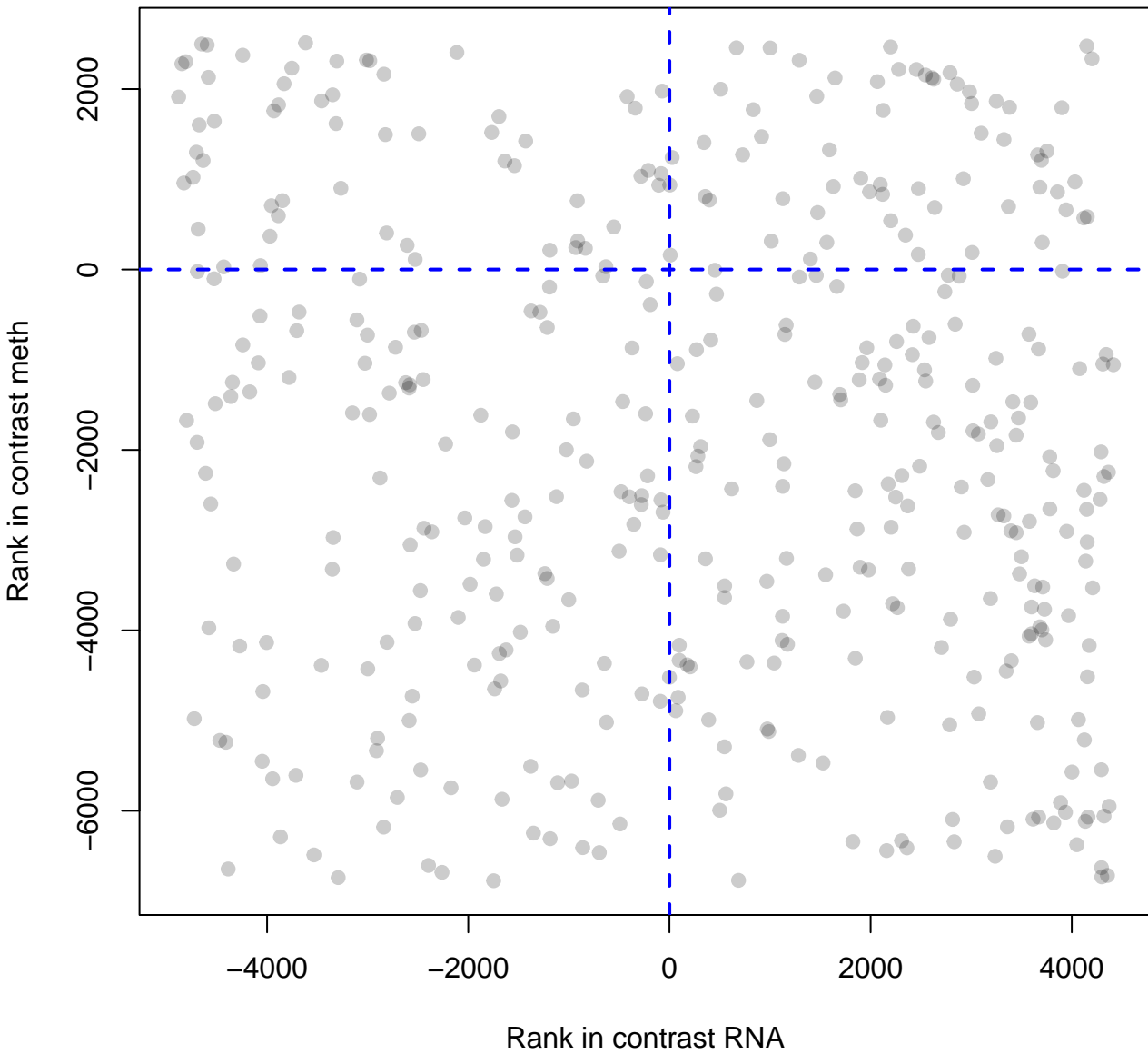
COPI-independent Golgi-to-ER retrograde traffic



Signaling by Rho GTPases



Signaling by Rho GTPases



Signaling by Rho GTPases

