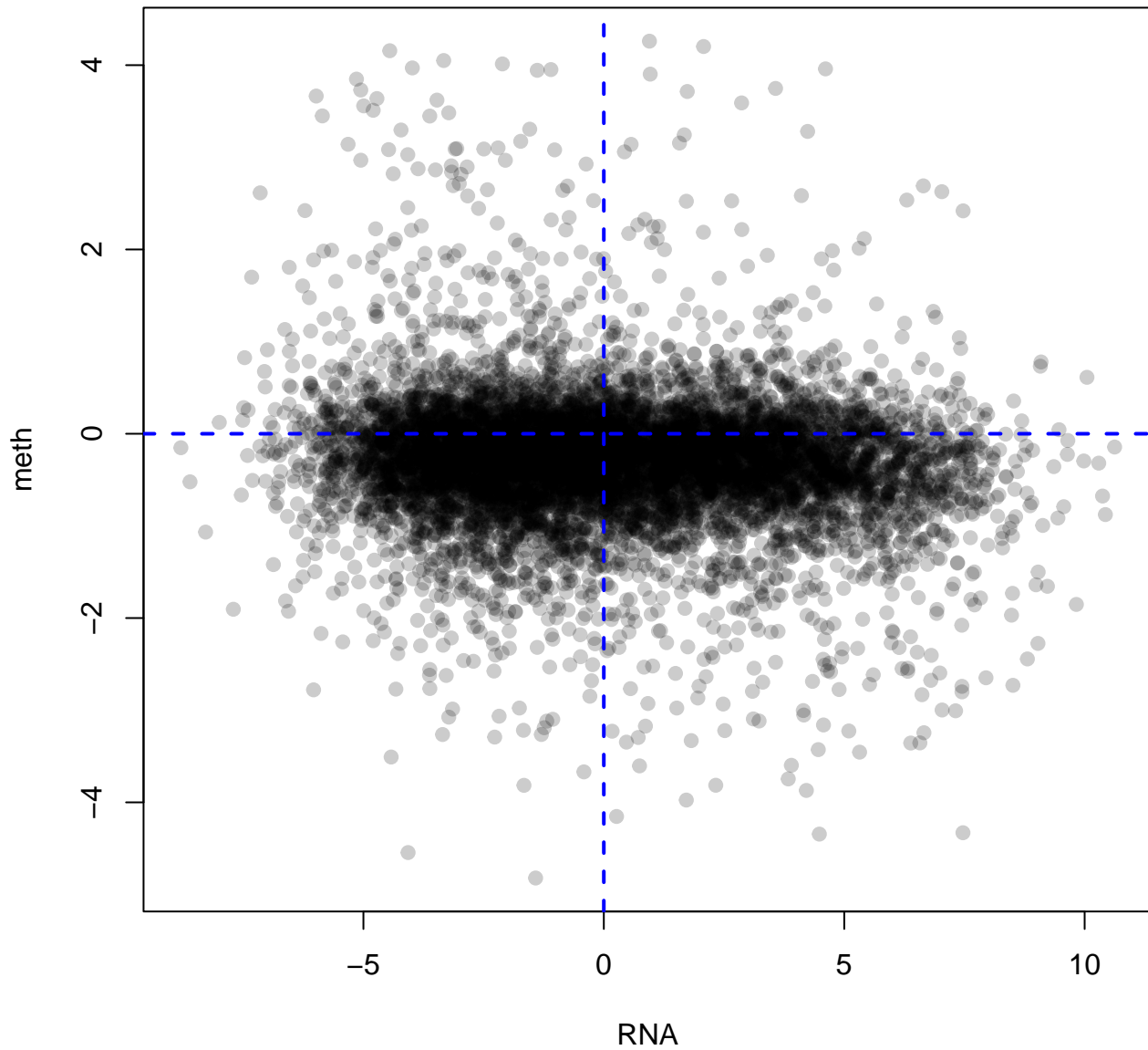
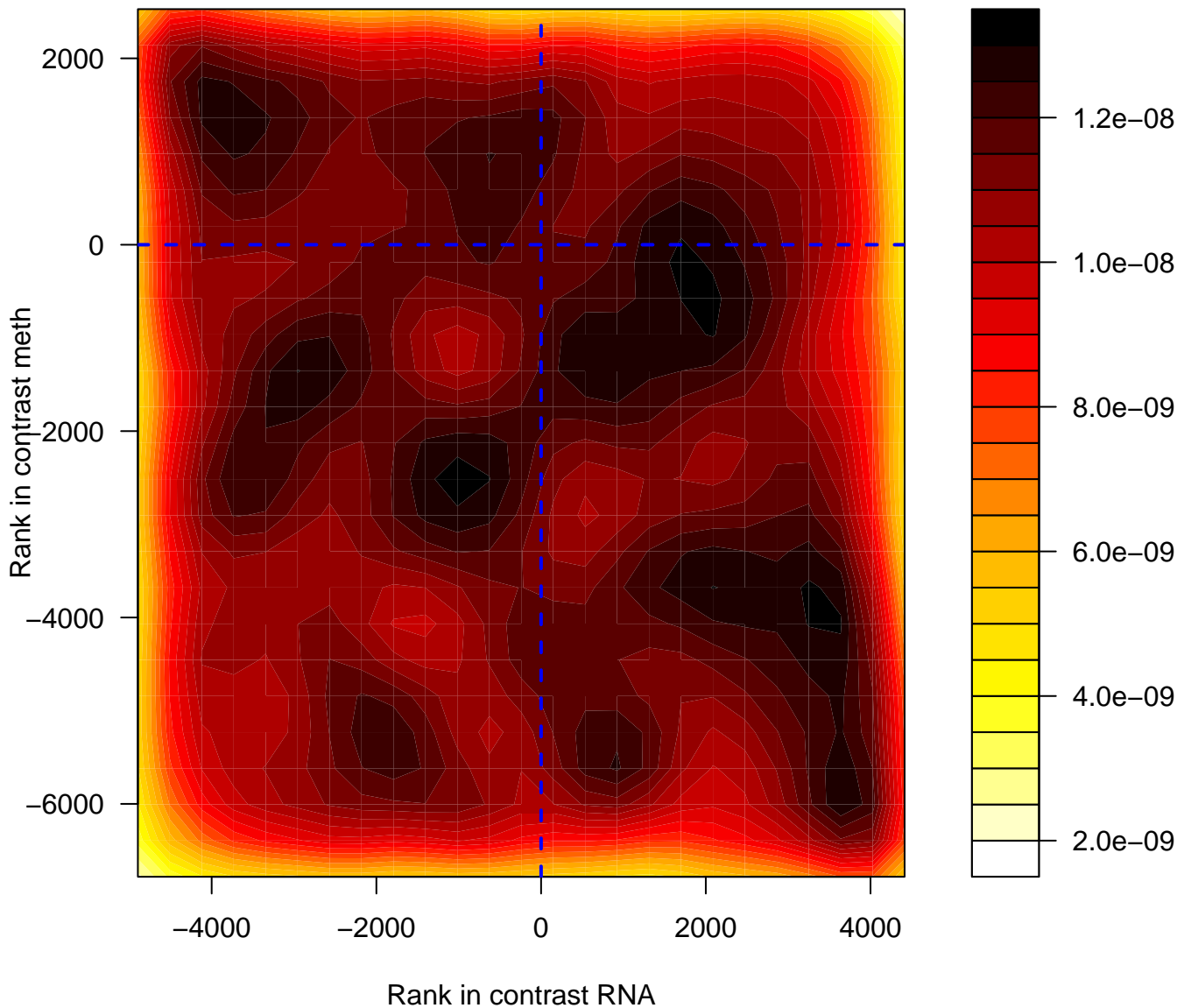


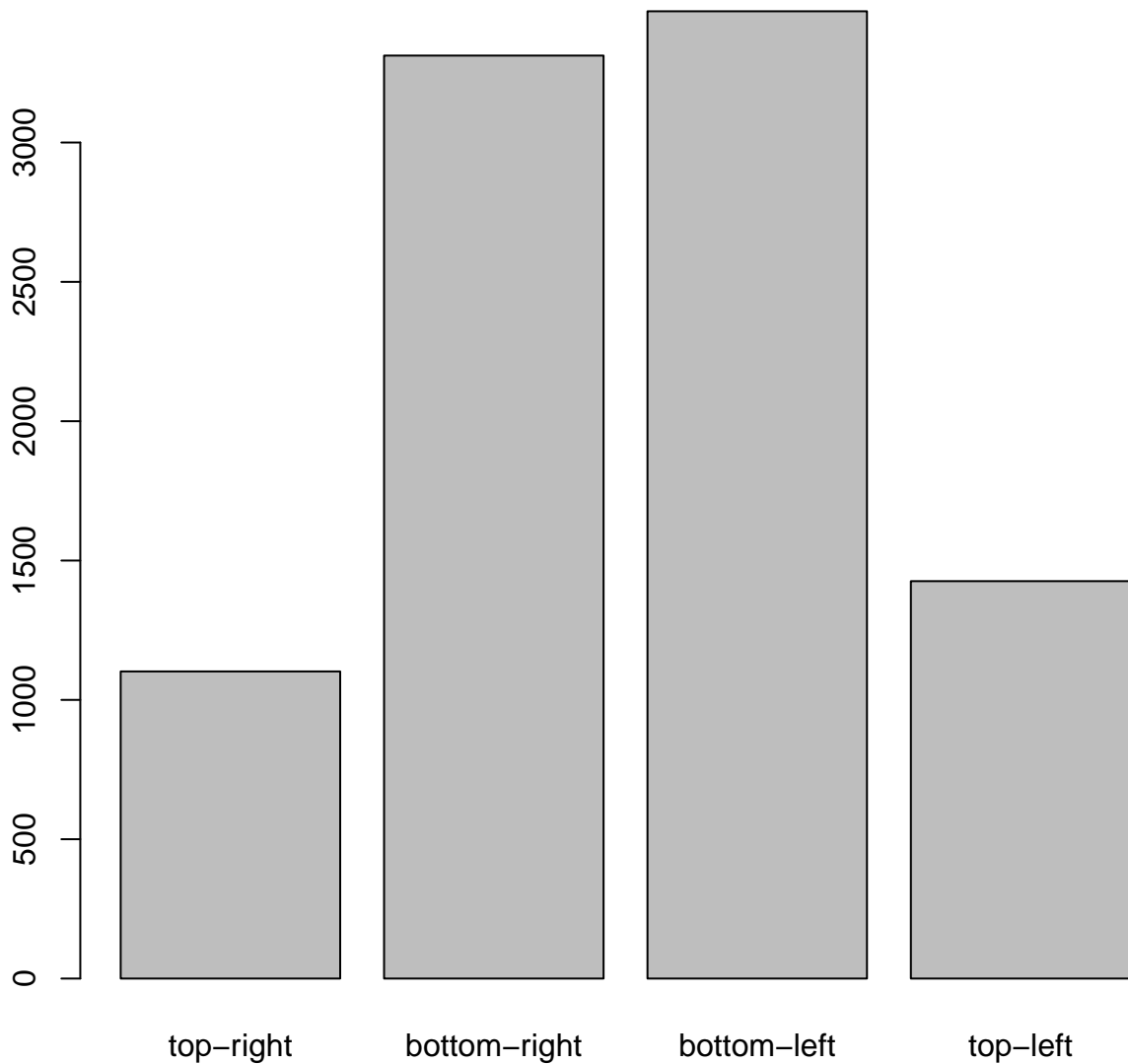
Scatterplot of all genes



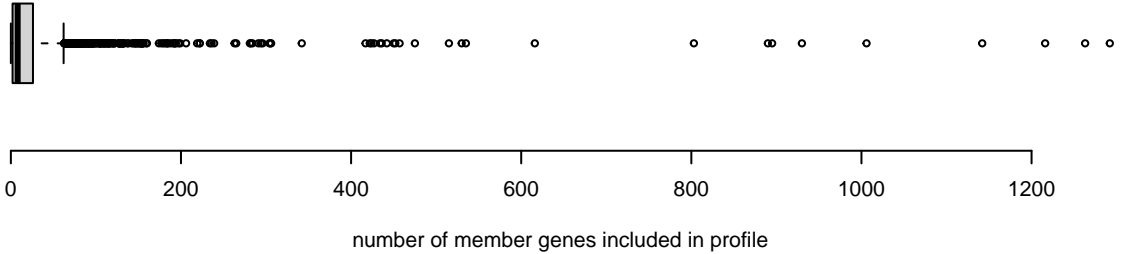
Rank-rank plot of all genes



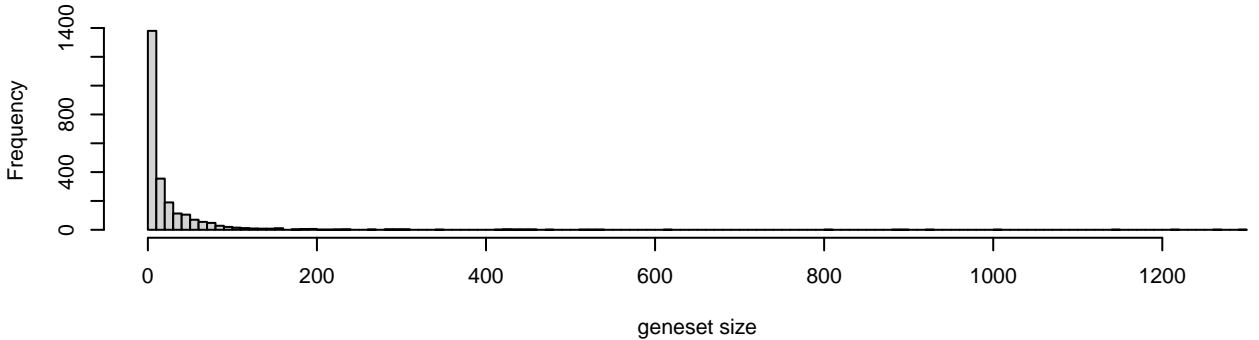
number of genes in each quadrant



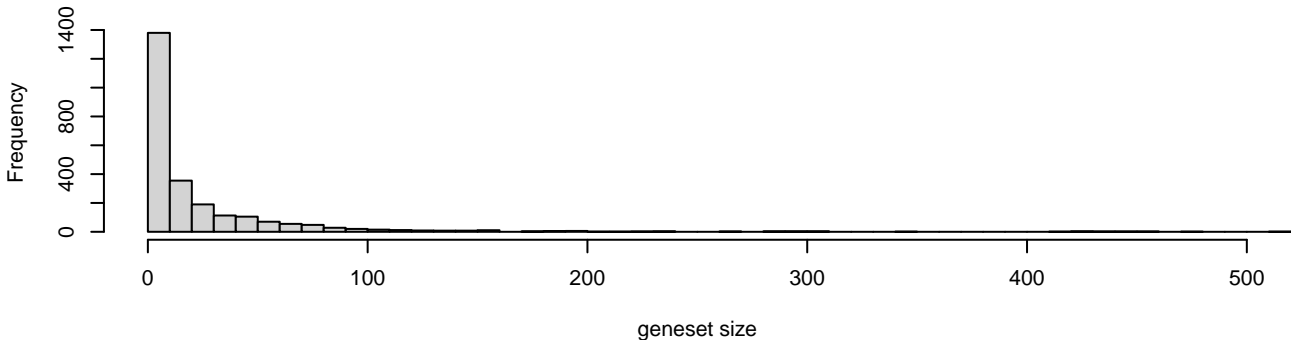
Gene set size



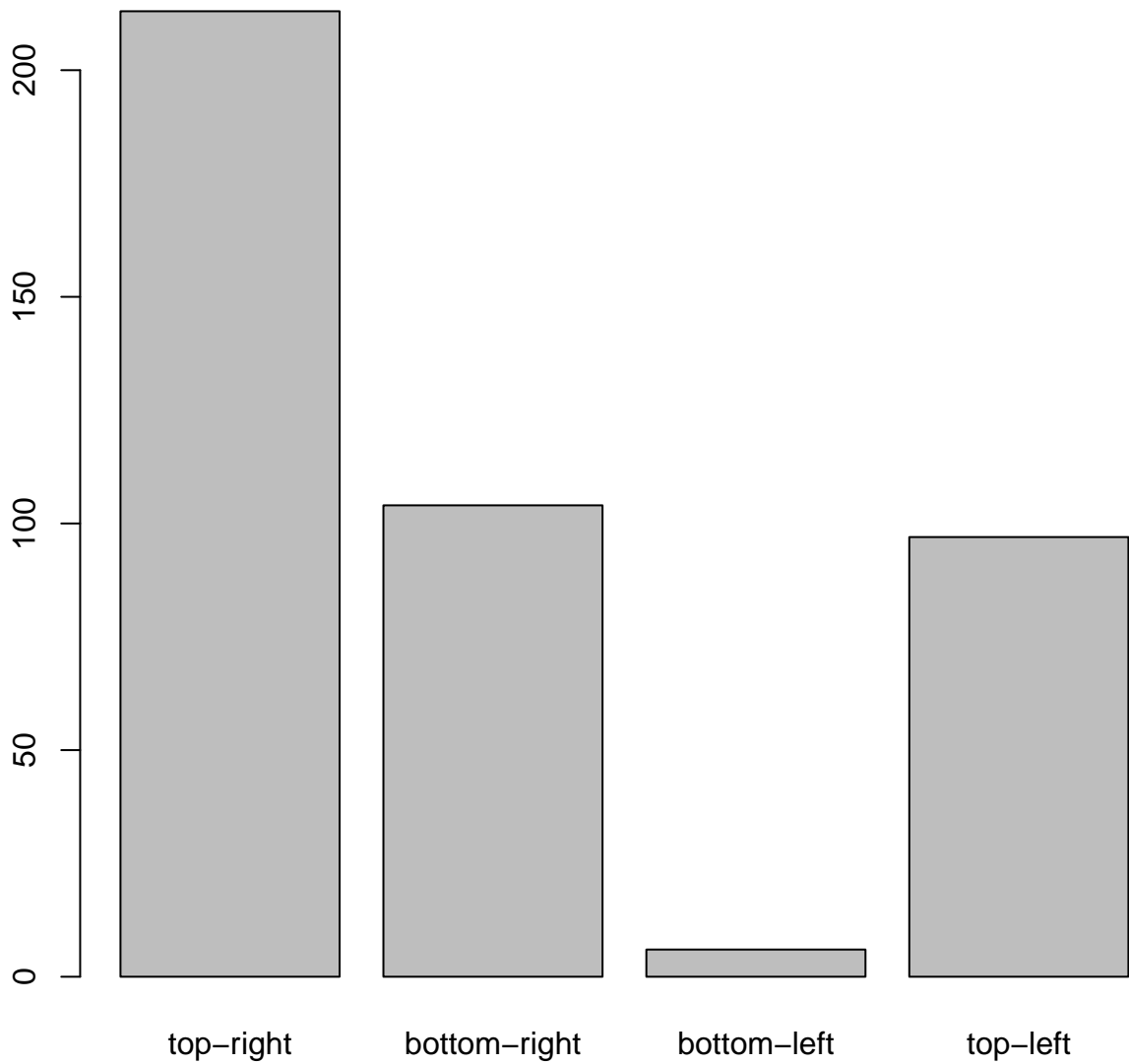
Histogram of geneset size



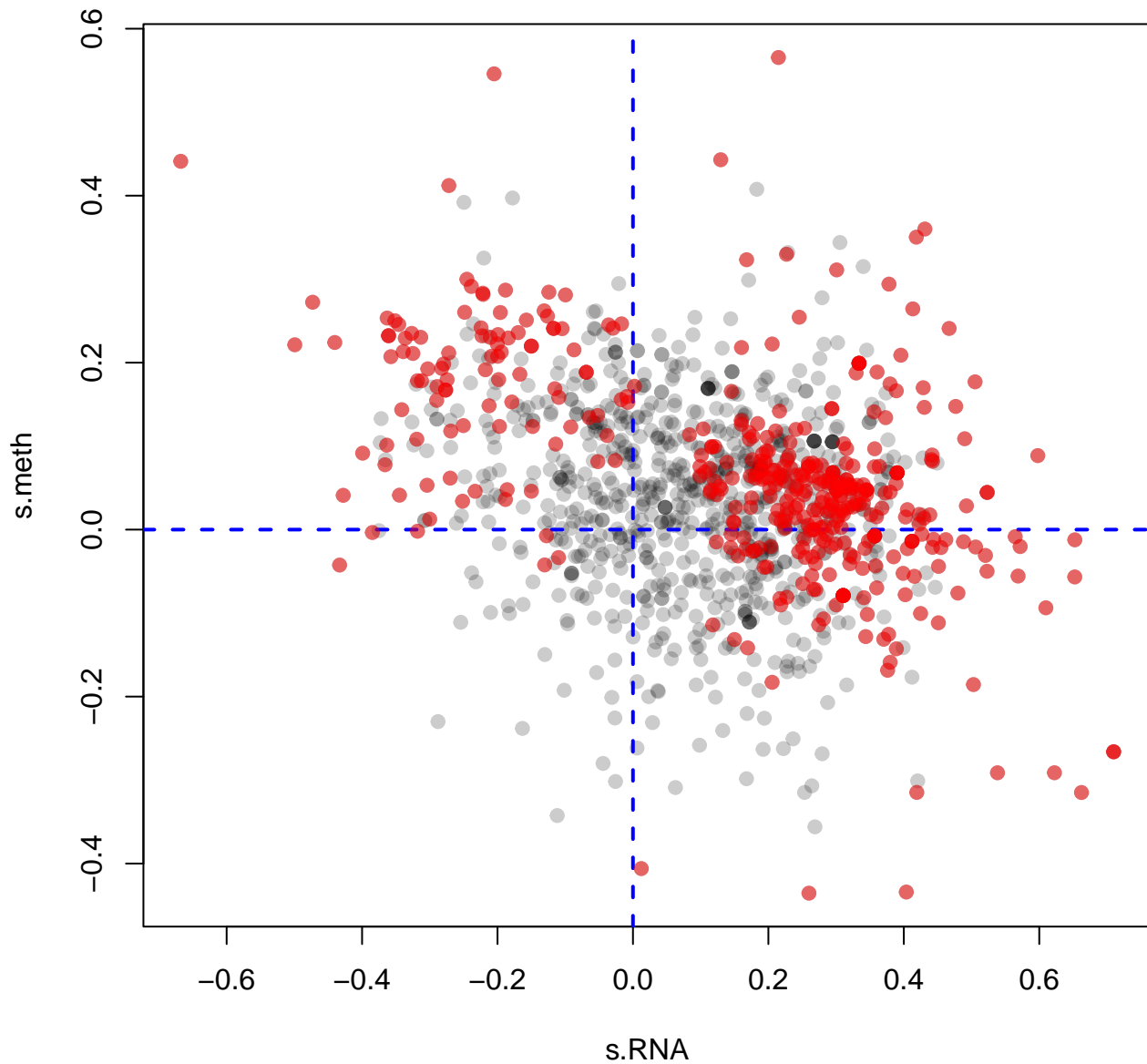
Trimmed histogram of geneset size



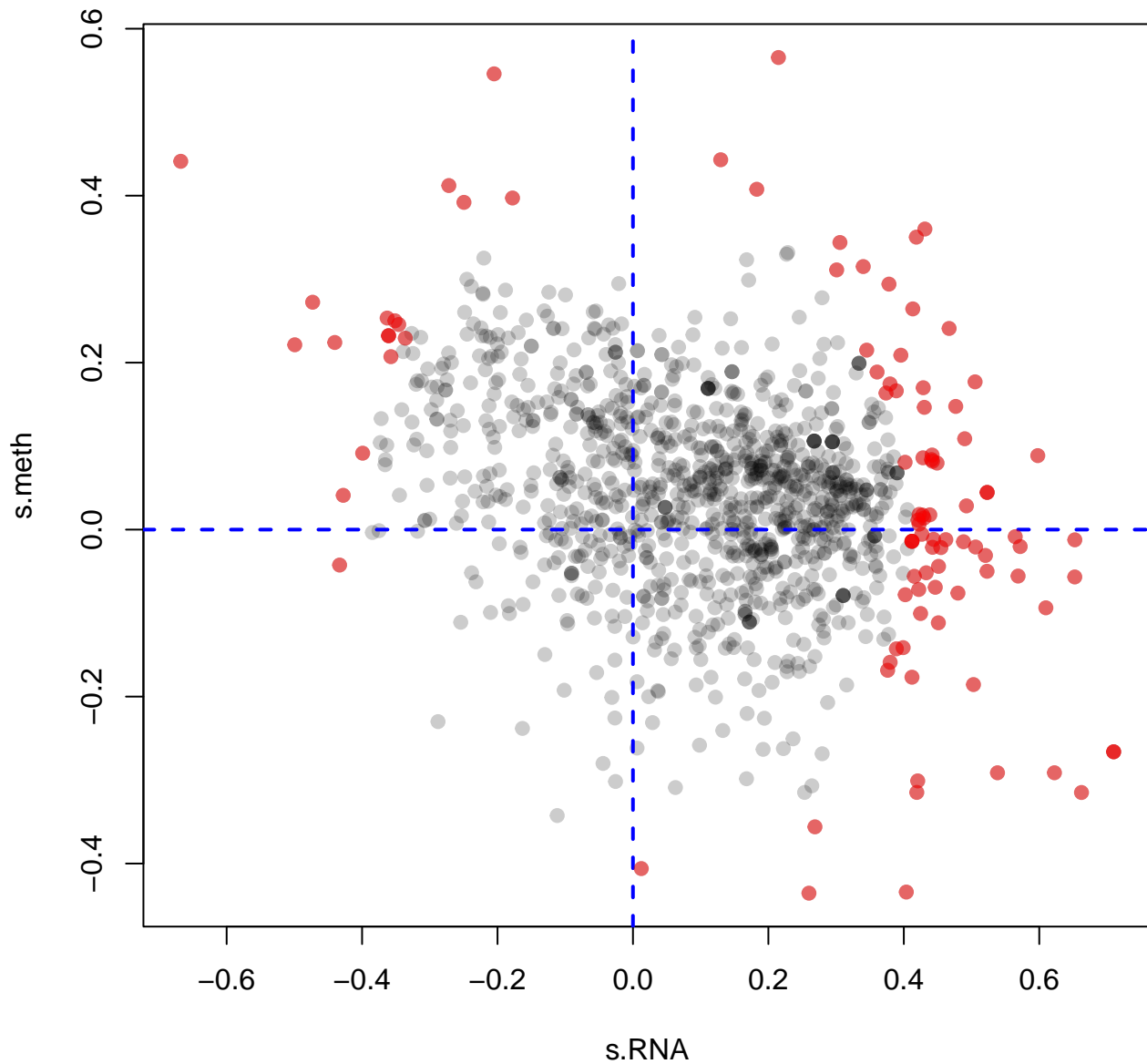
number of genesets FDR<0.05



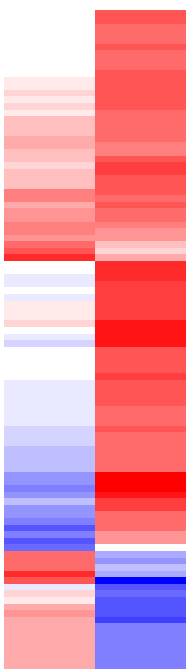
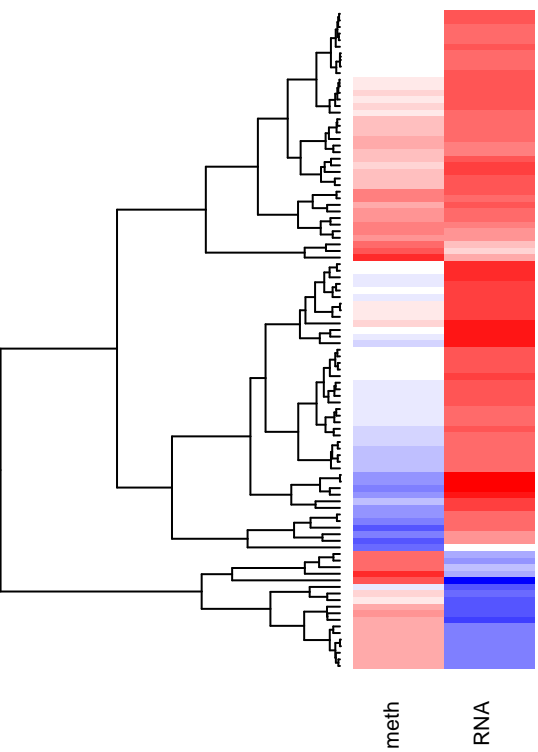
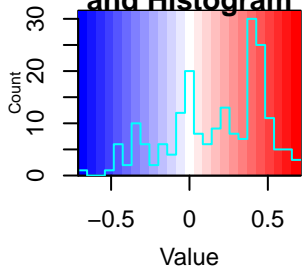
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 100 in red



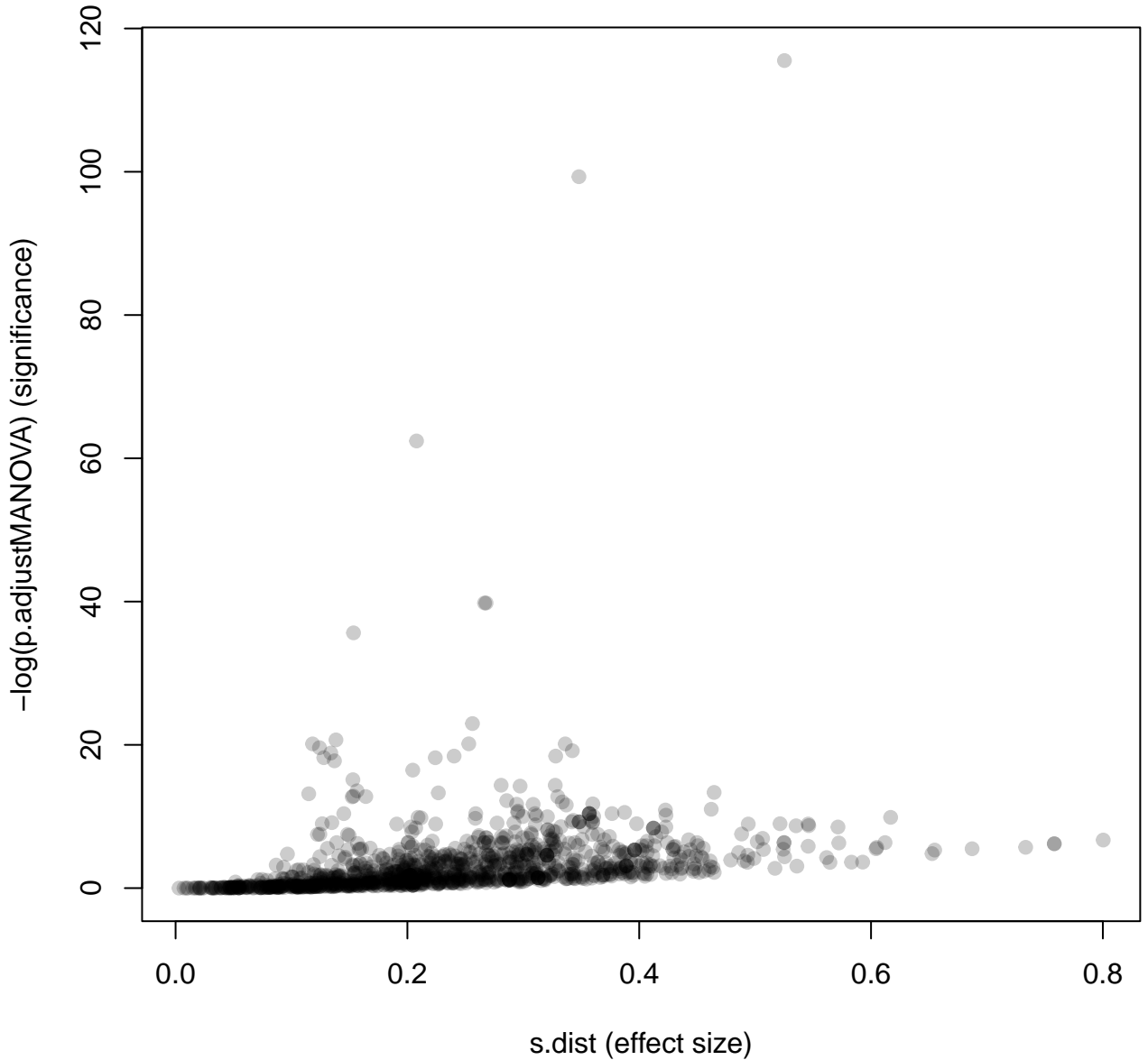
Color Key and Histogram



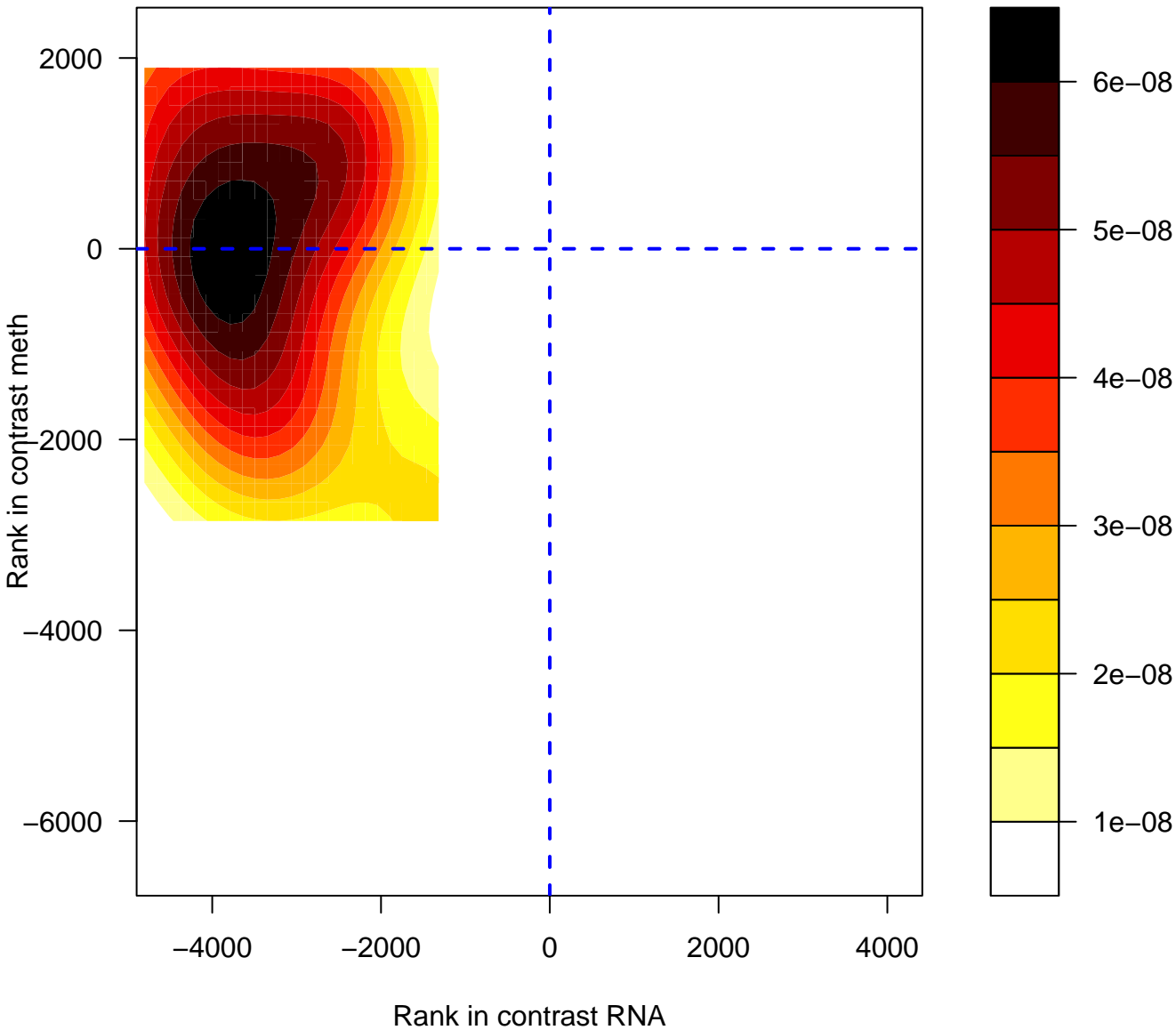
meth
RNA

- Platelet sensitization by LDL
- RHO GTPases Activate NADPH Oxidases
- Leishmania phagocytosis
- NOTCH3 Activation and Transmission of Signal to the Nucleus
- Signaling by RAF1 mutants
- Josephin domain DUBs
- Formation of tubulin folding intermediates by CCT/TriC
- RHO GTPases activate PKNs
- MAP2K and MAPK activation
- InIB-mediated entry of Listeria monocytogenes into host cell
- Prolonged ERK activation events
- SUMOylation of immune response proteins
- Protein methylation
- Insulin receptor recycling
- EPHB-mediated forward signaling
- Deregulated CDK5 triggers multiple neurodegenerative pathways in Alzheimer's disease
- Uptake and function of anthrax toxins
- Regulation of actin dynamics for phagocytic cup formation
- Cargo concentration in the ER
- LDL clearance
- L1CAM interactions
- EPH-Ephrin signaling
- Golgi Associated Vesicle Biogenesis
- Signaling by FLT3 ITD and TKD mutants
- Hyaluronan uptake and degradation
- Peptide ligand-binding receptors
- Synthesis of Leukotrienes (LT) and Eoxins (EX)
- Neurotransmitter release cycle
- Maturation of nucleoprotein
- Resolution of AP sites via the multiple-nucleotide patch replacement pathway
- Activation of ATR in response to replication stress
- NS1 Mediated Effects on Host Pathways
- Defective TPR may confer susceptibility towards thyroid papillary carcinoma (TPC)
- NEP/NS2 Interacts with the Cellular Export Machinery

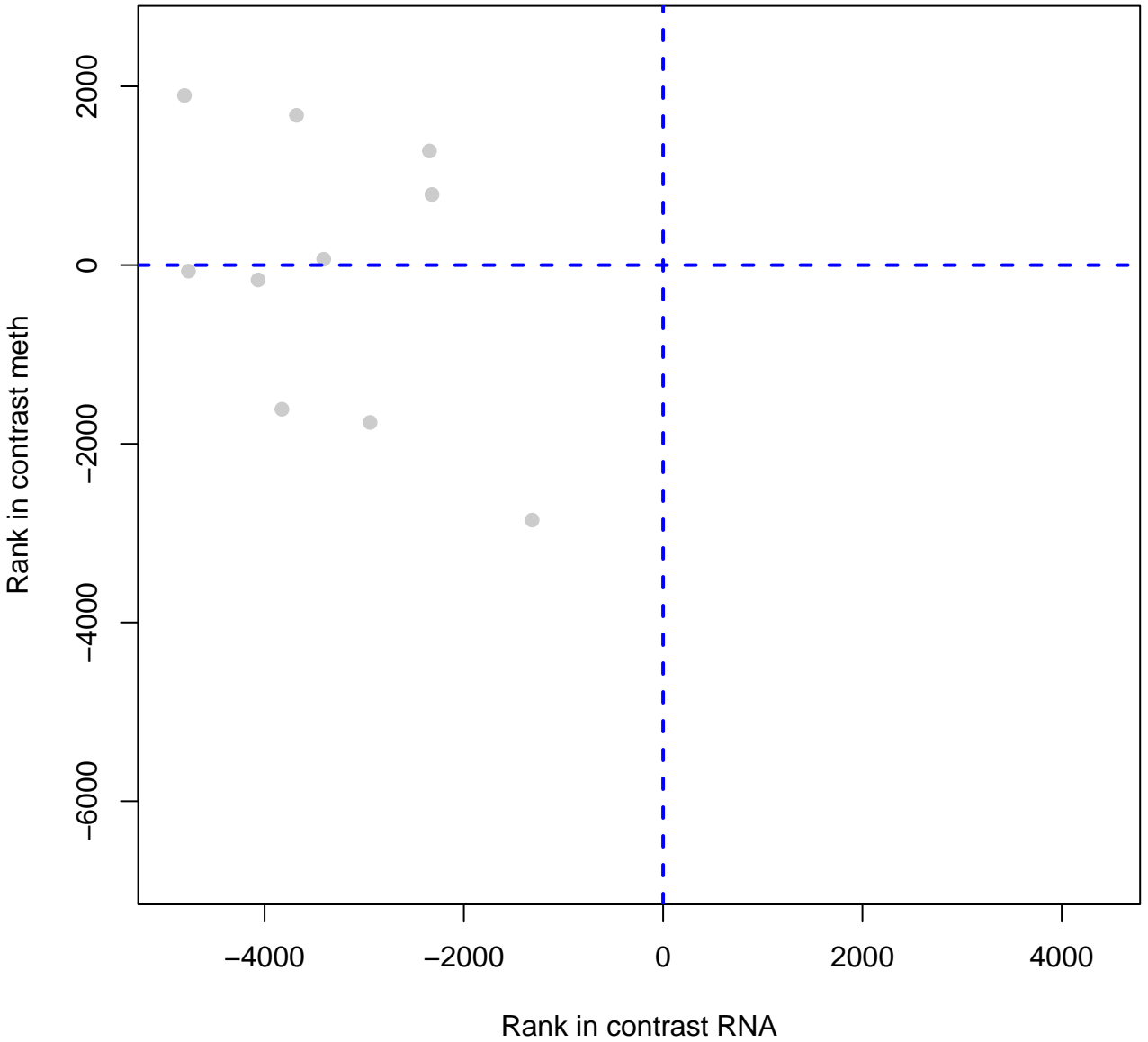
effect size versus statistical significance



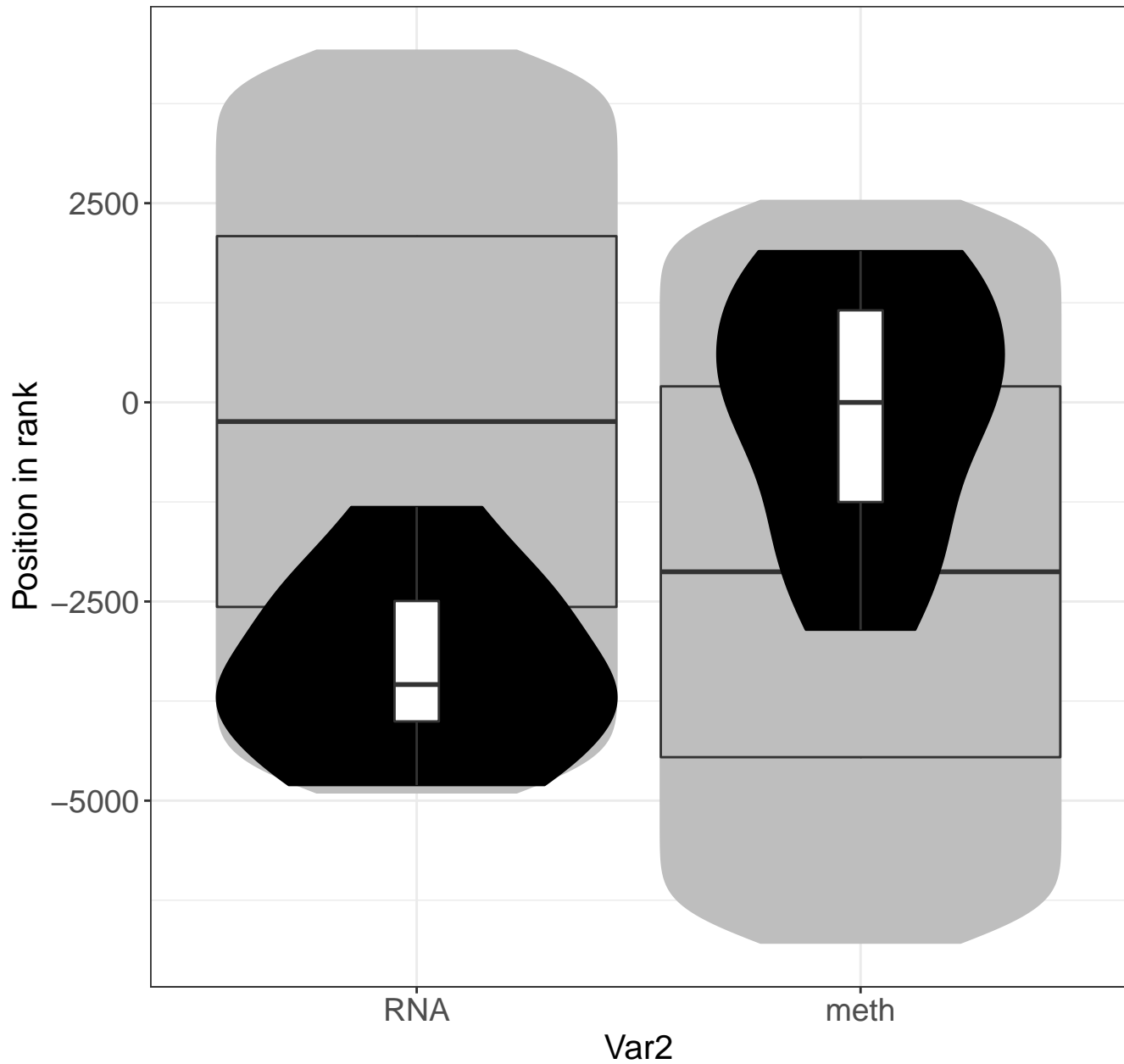
Unwinding of DNA



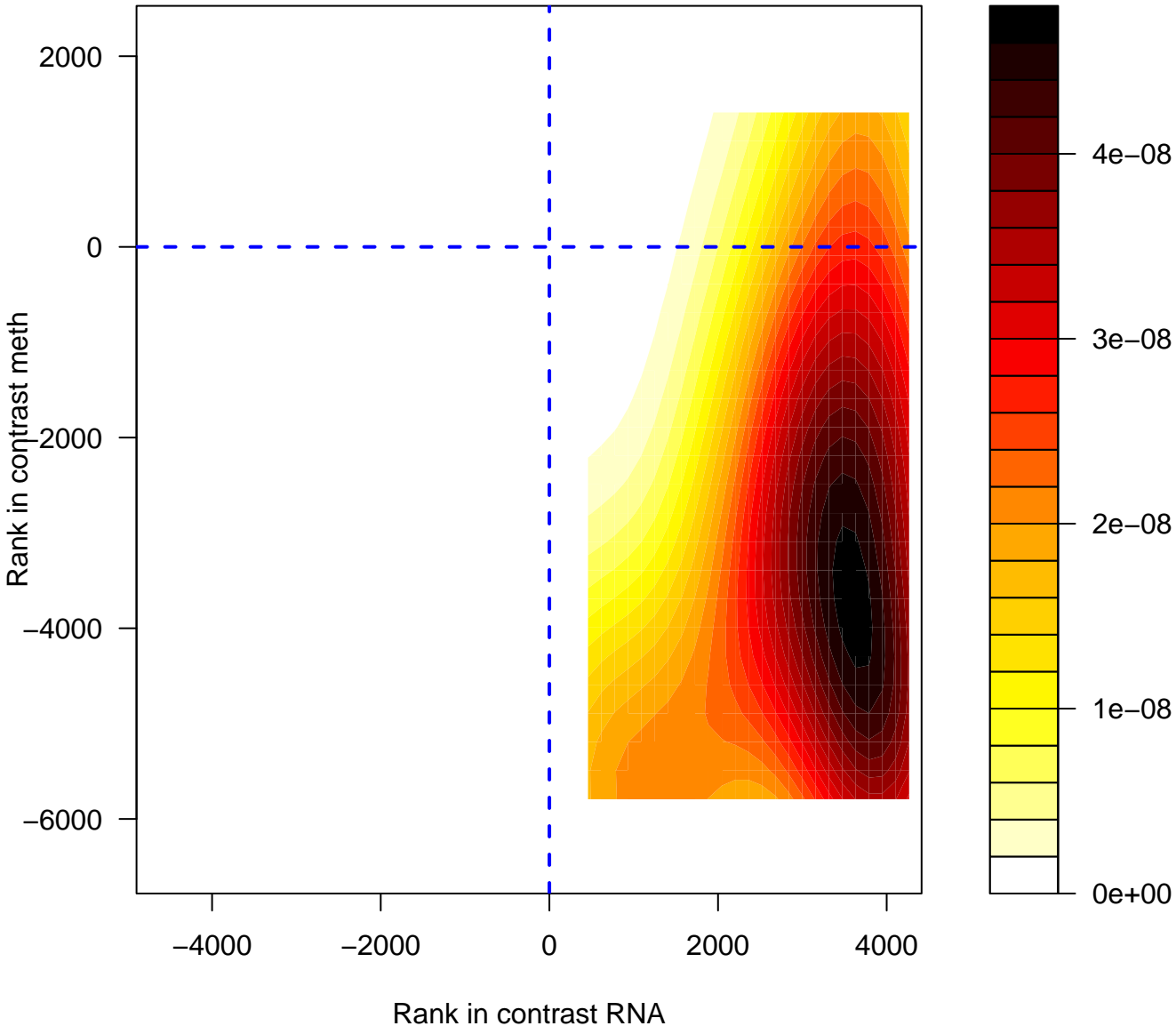
Unwinding of DNA



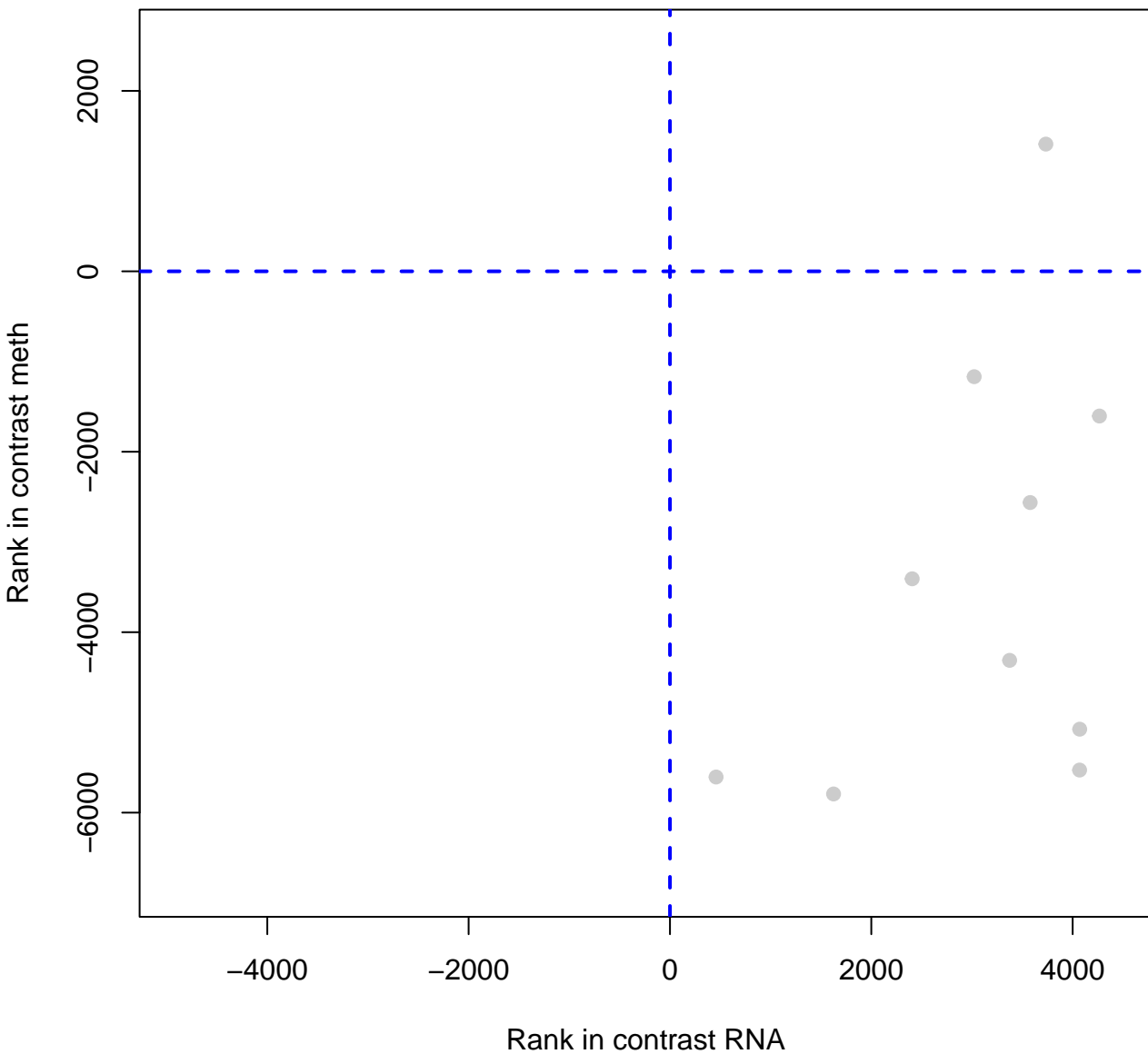
Unwinding of DNA



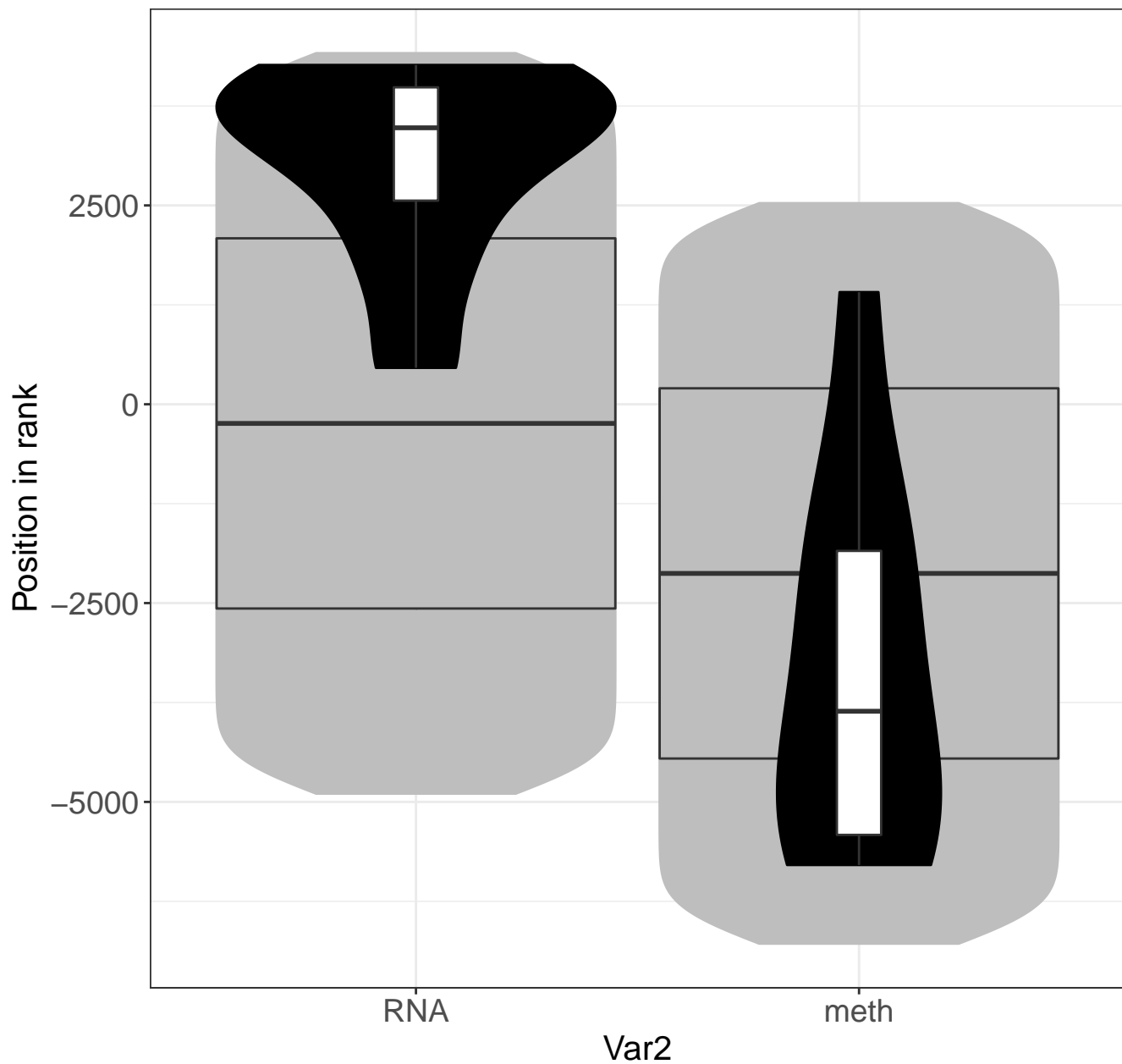
alpha-linolenic (omega3) and linoleic (omega6) acid metab



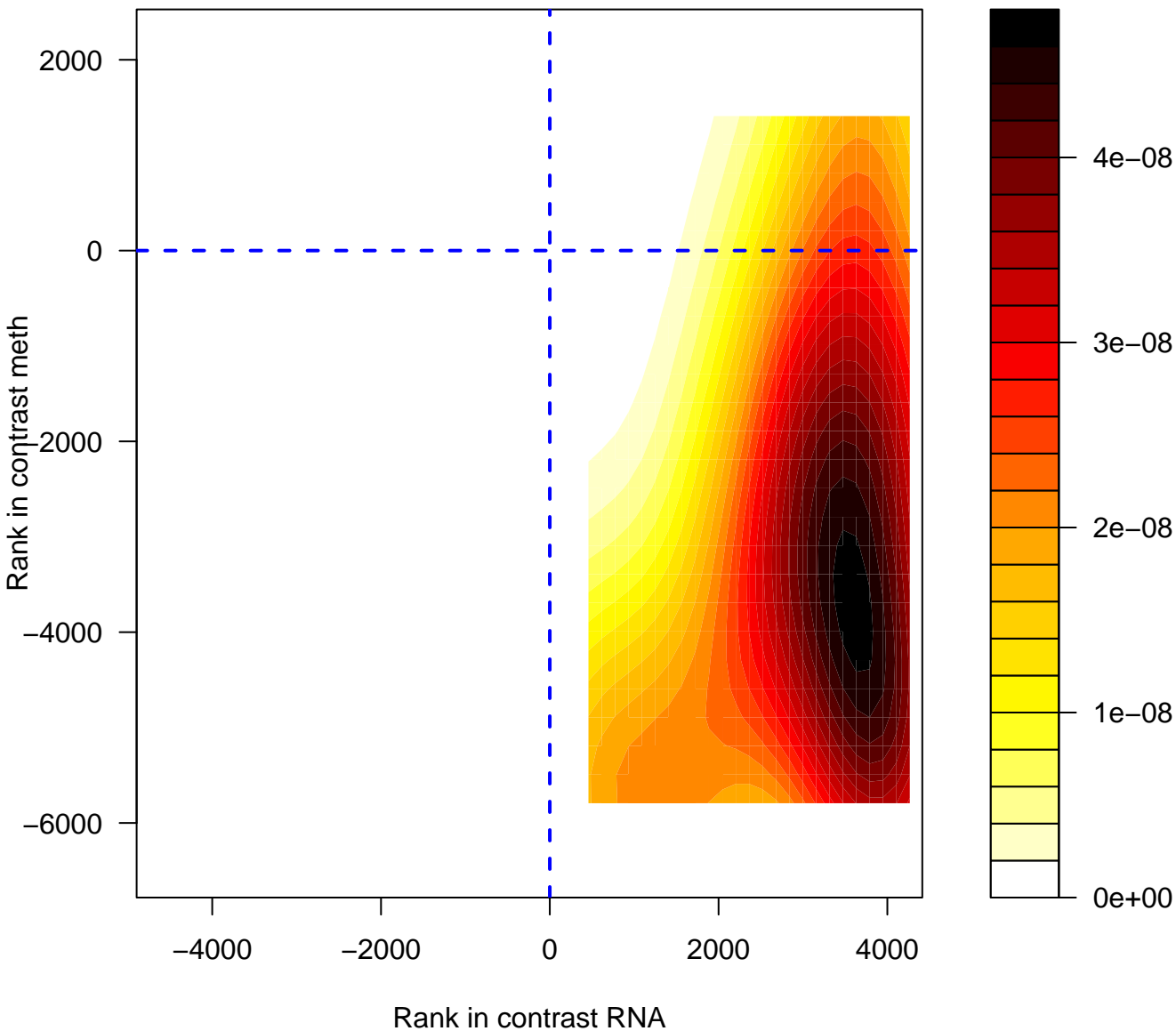
alpha-linolenic (omega3) and linoleic (omega6) acid metabolism



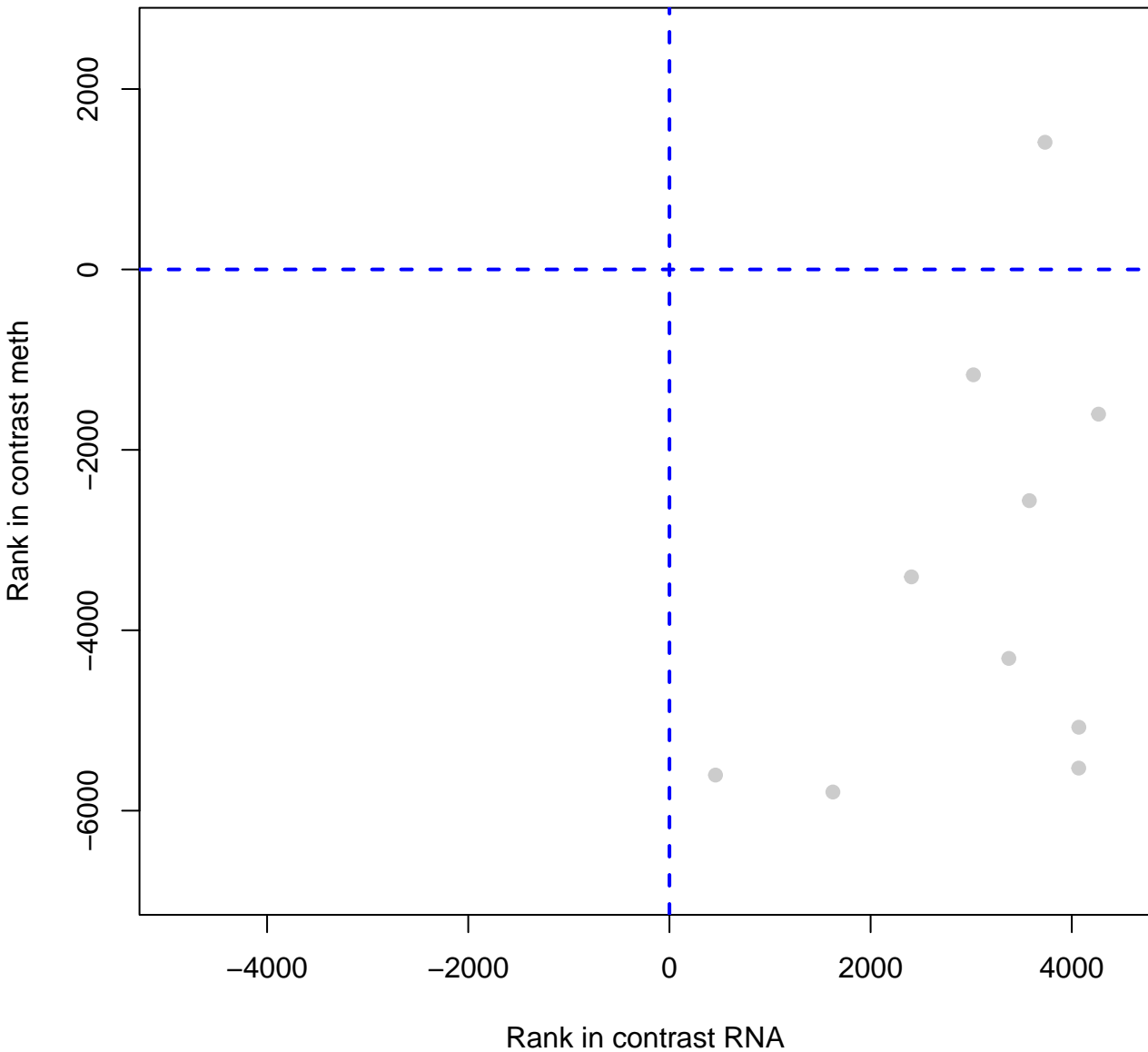
alpha-linolenic (omega3) and linoleic (omega6) a



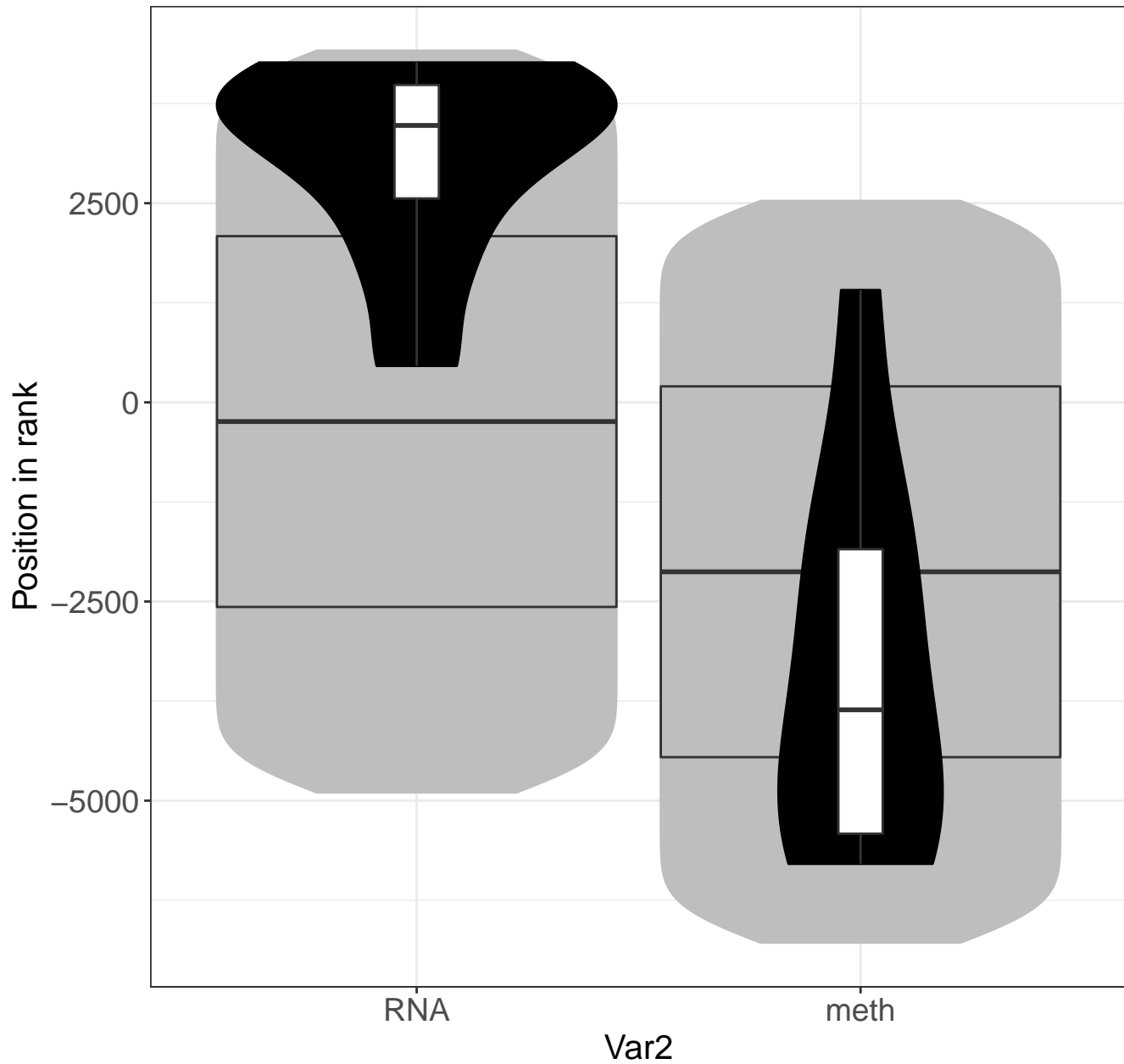
alpha-linolenic acid (ALA) metabolism



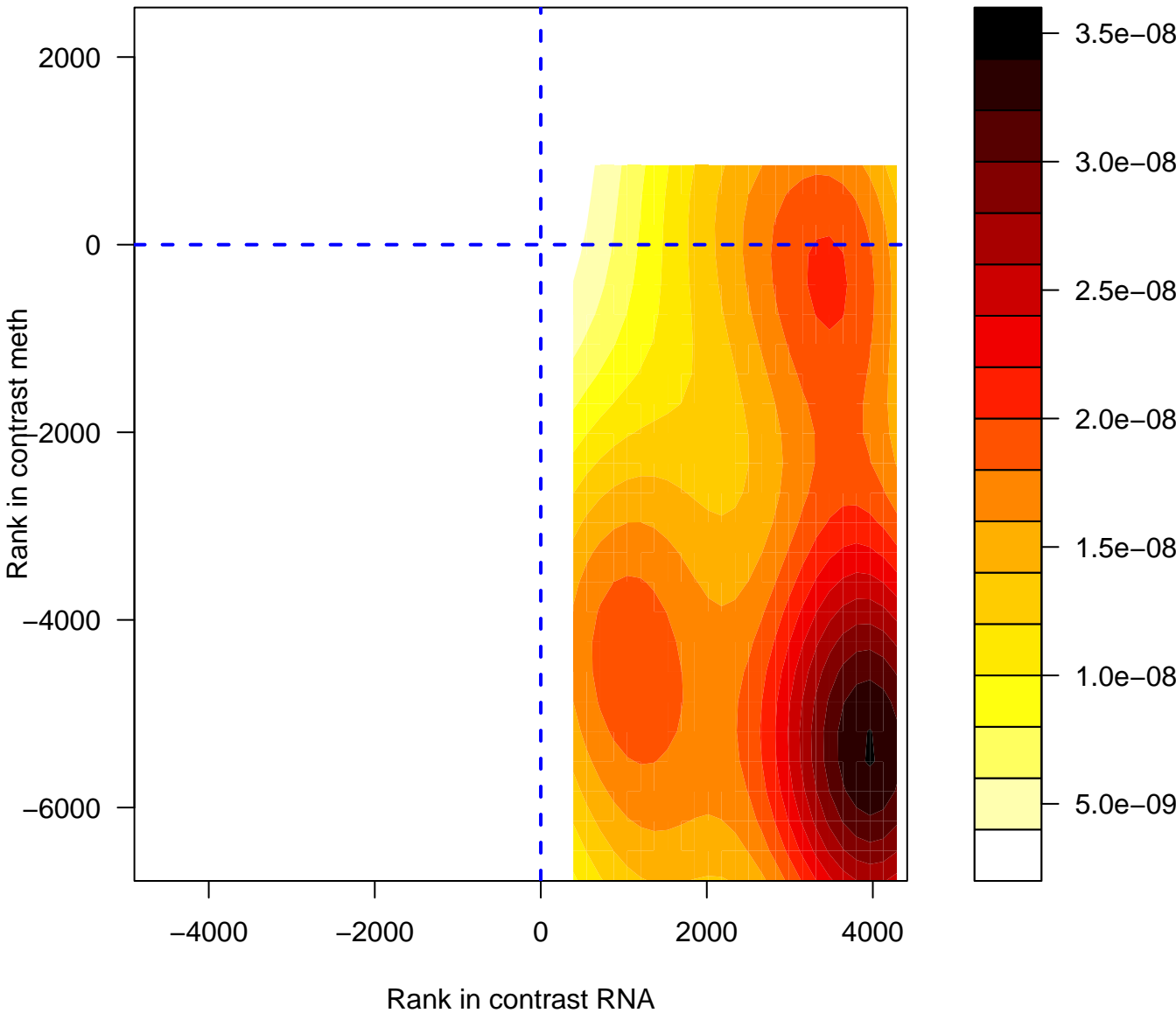
alpha-linolenic acid (ALA) metabolism



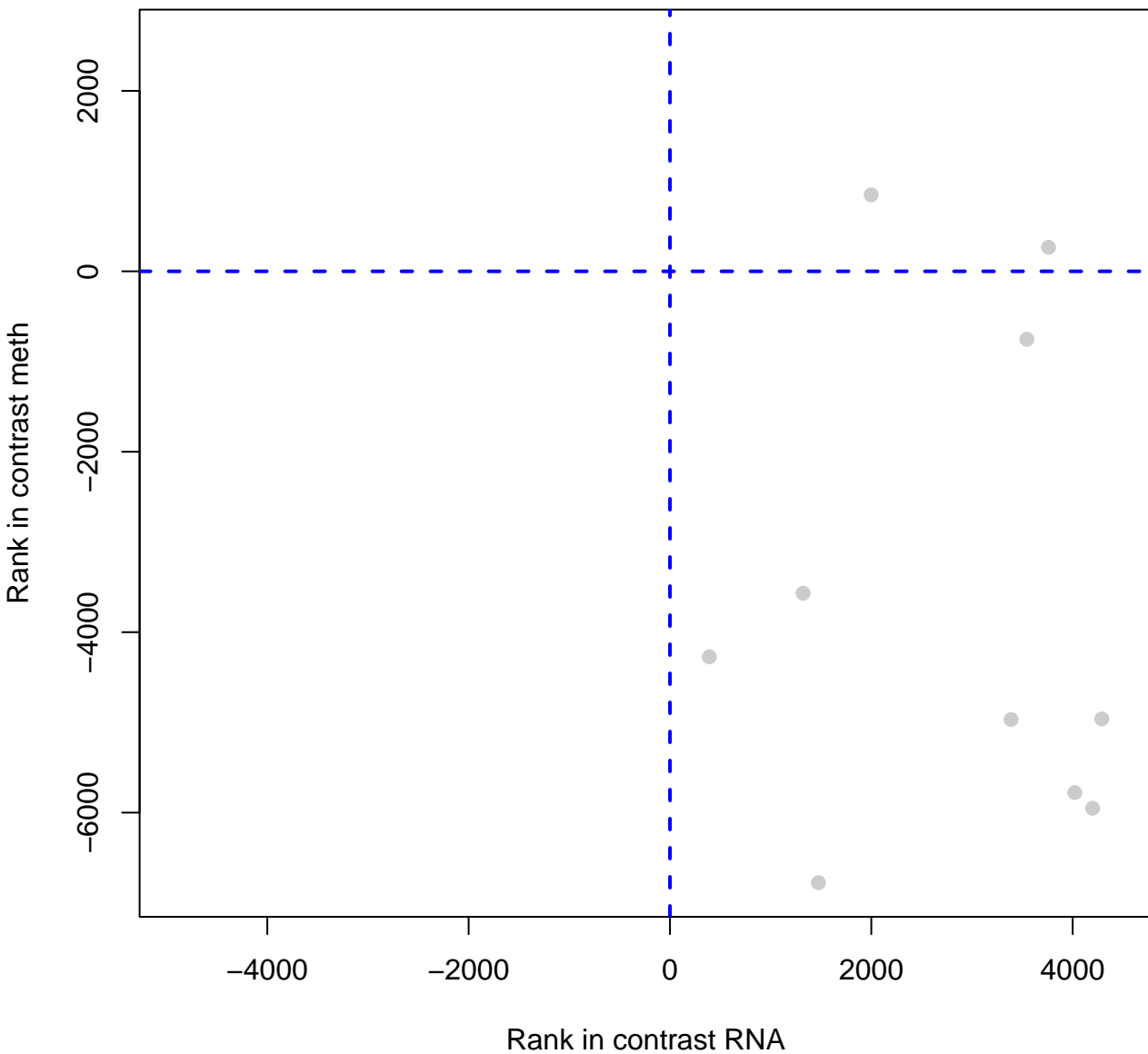
alpha-linolenic acid (ALA) metabolism



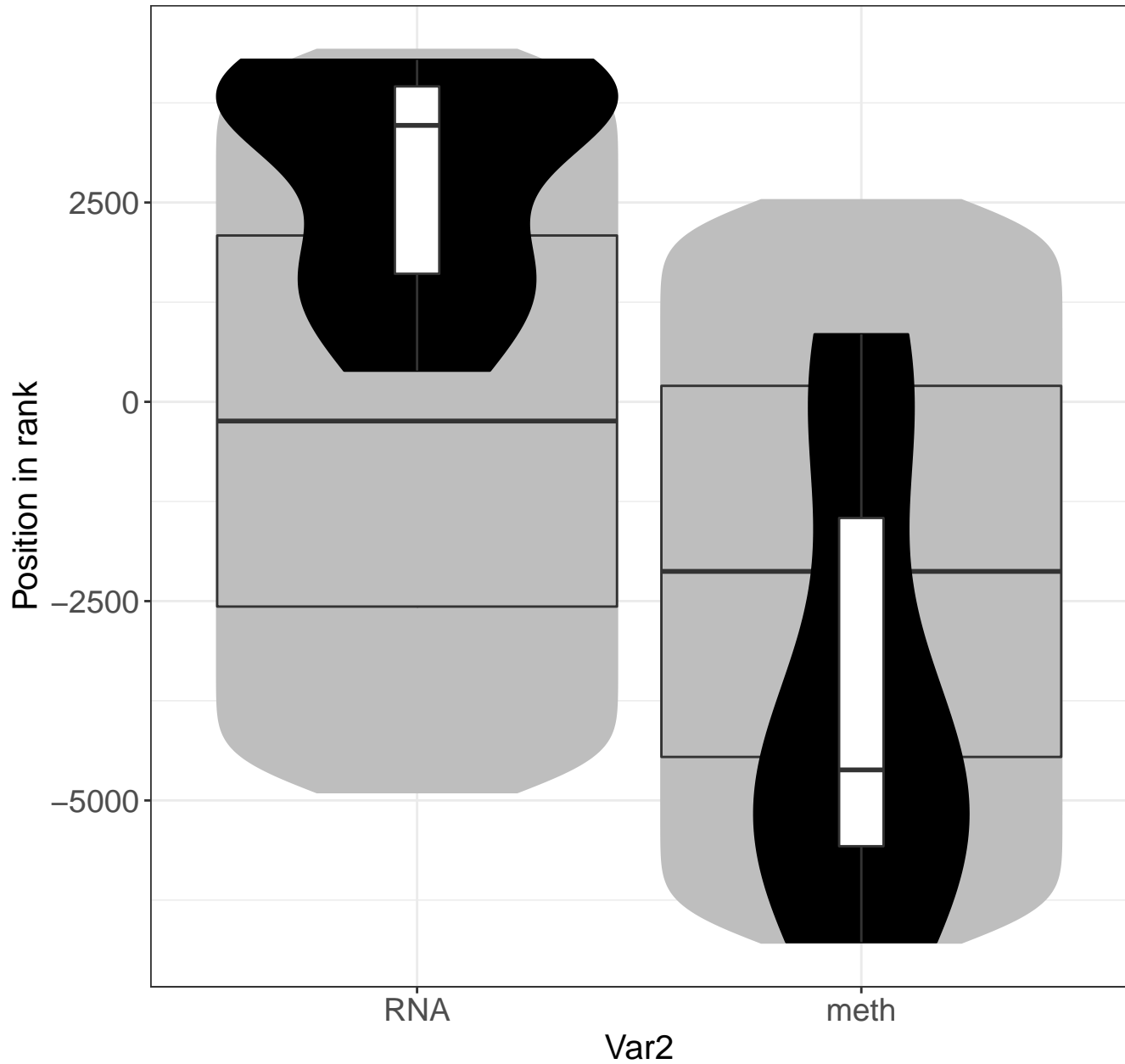
Hyaluronan uptake and degradation



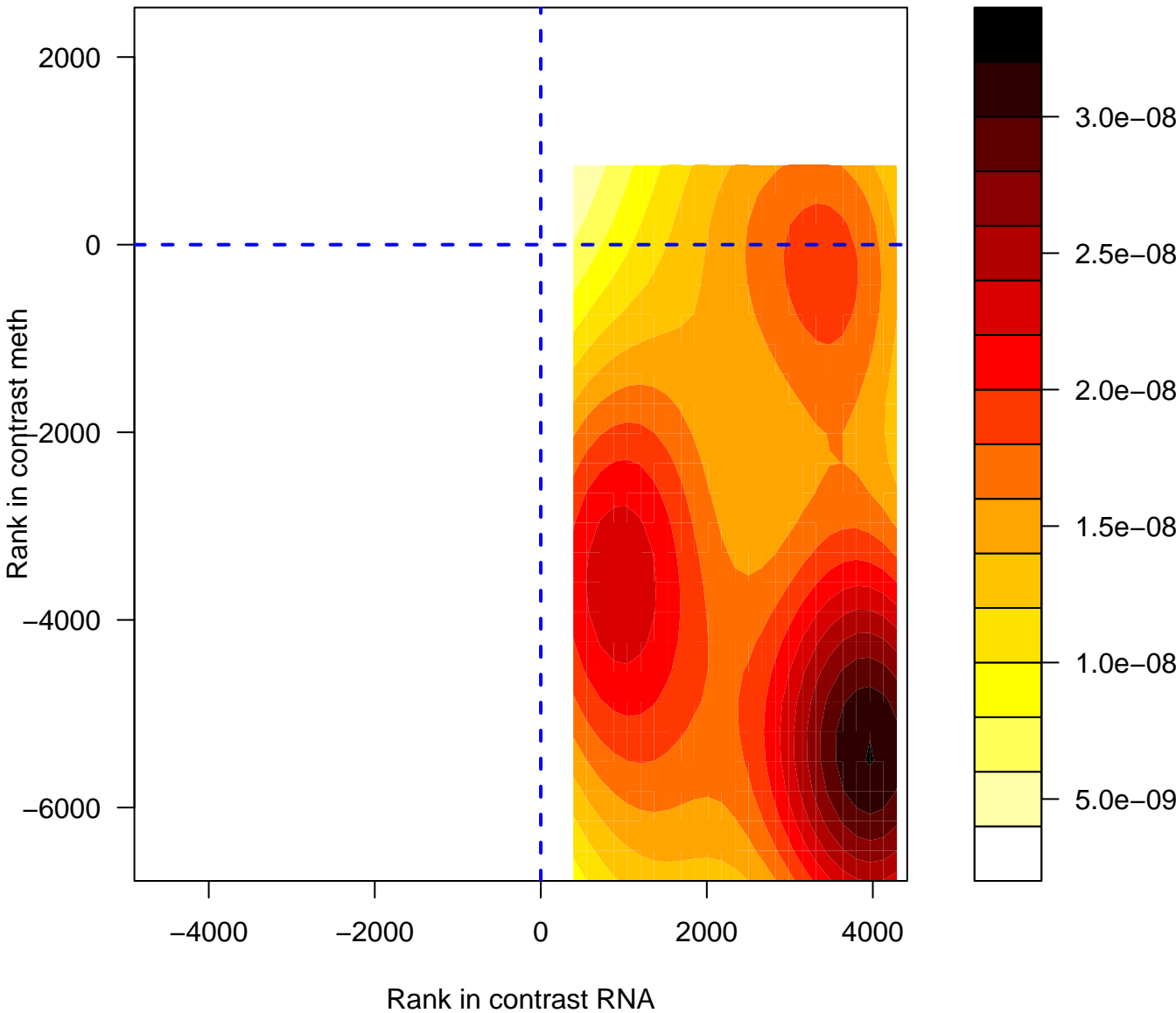
Hyaluronan uptake and degradation



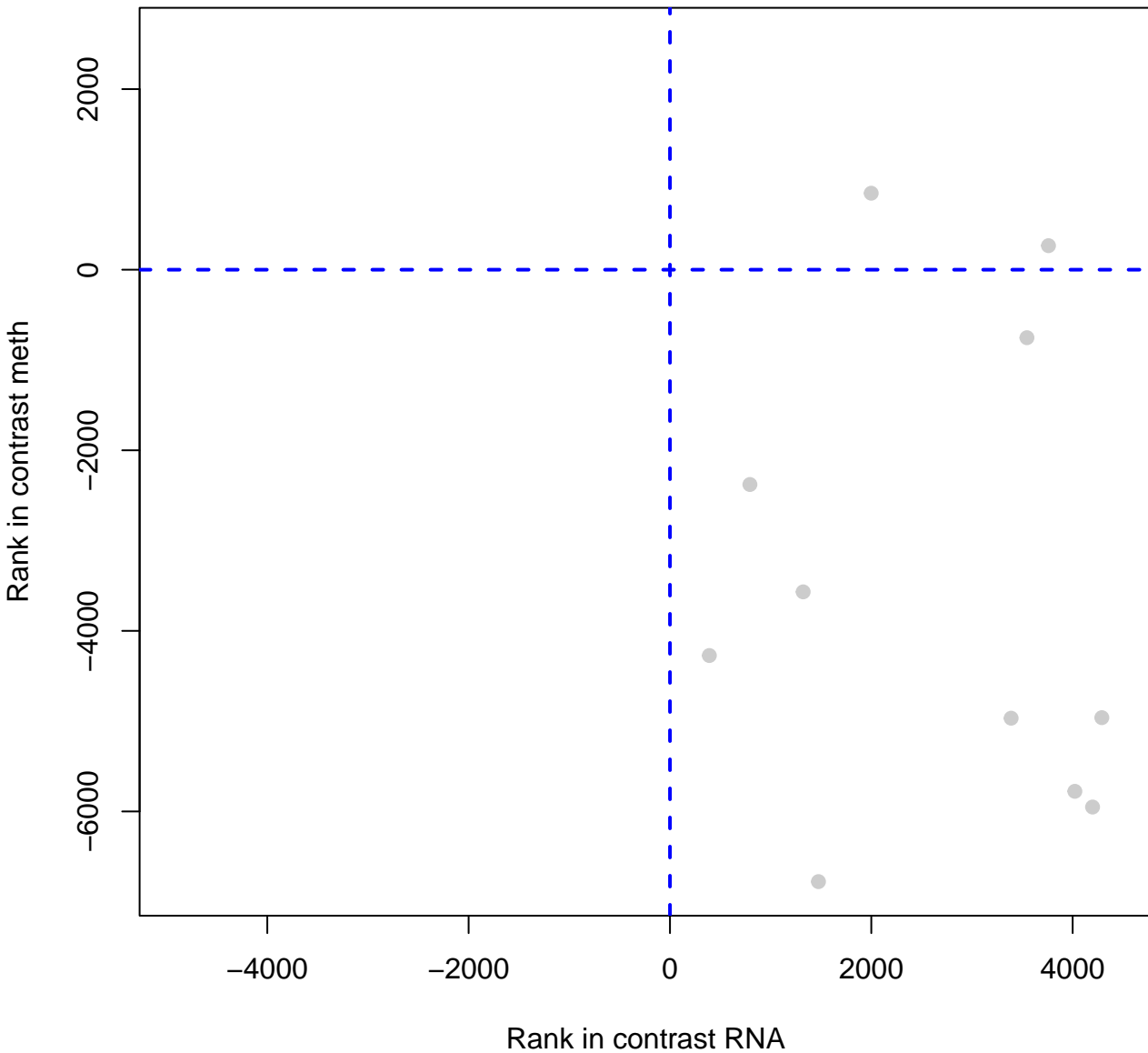
Hyaluronan uptake and degradation



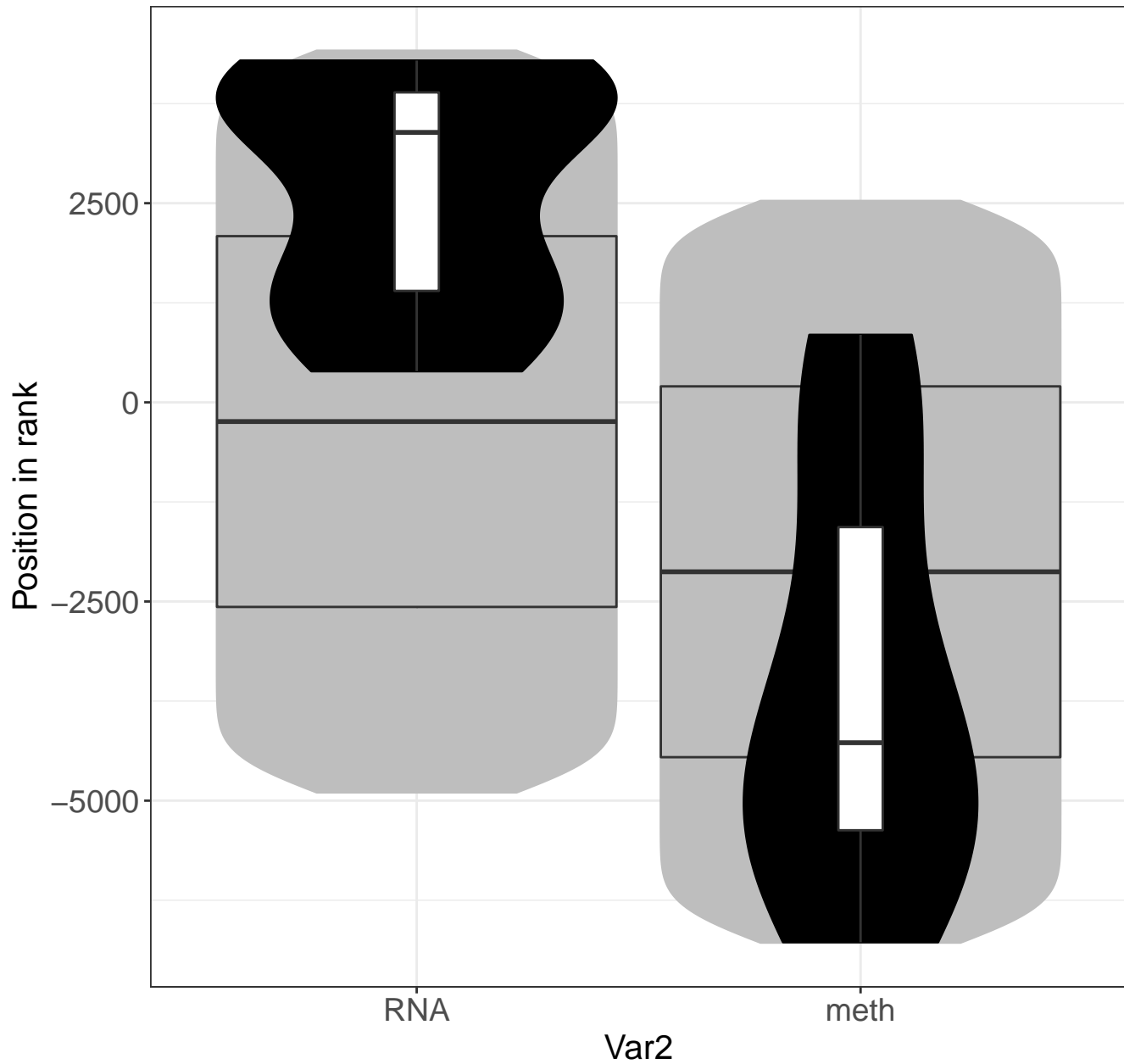
Hyaluronan metabolism



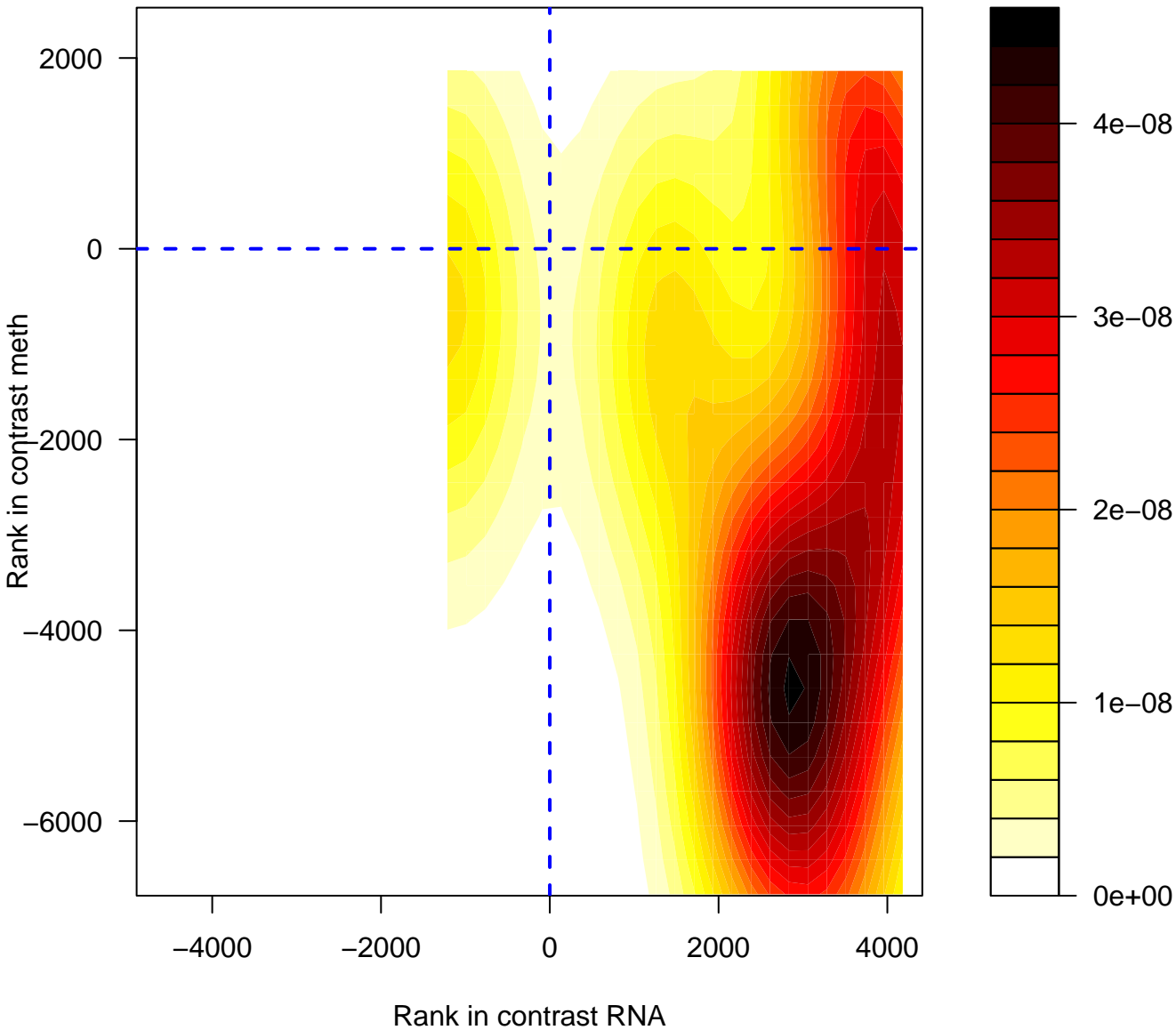
Hyaluronan metabolism



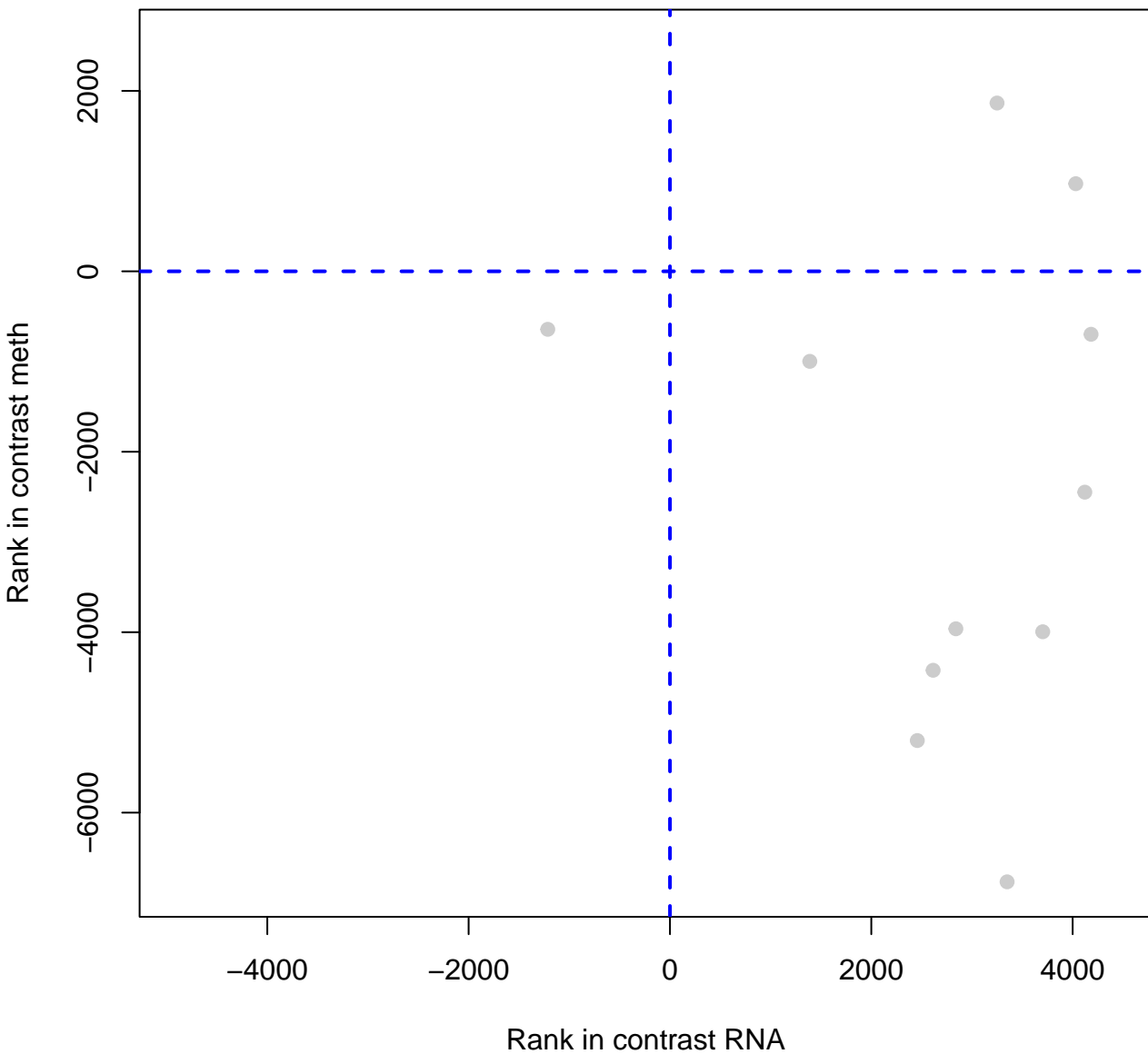
Hyaluronan metabolism



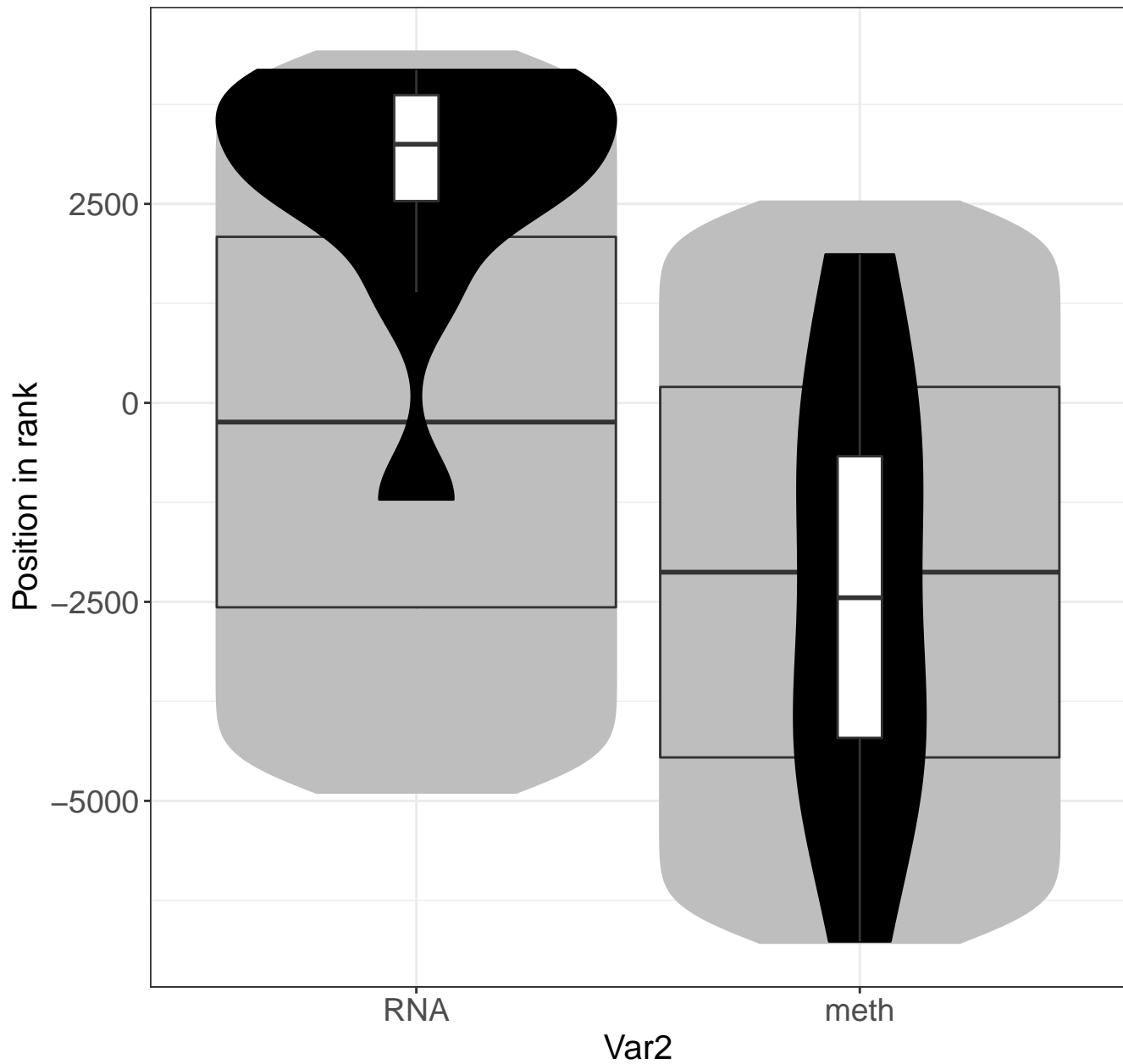
Signal transduction by L1



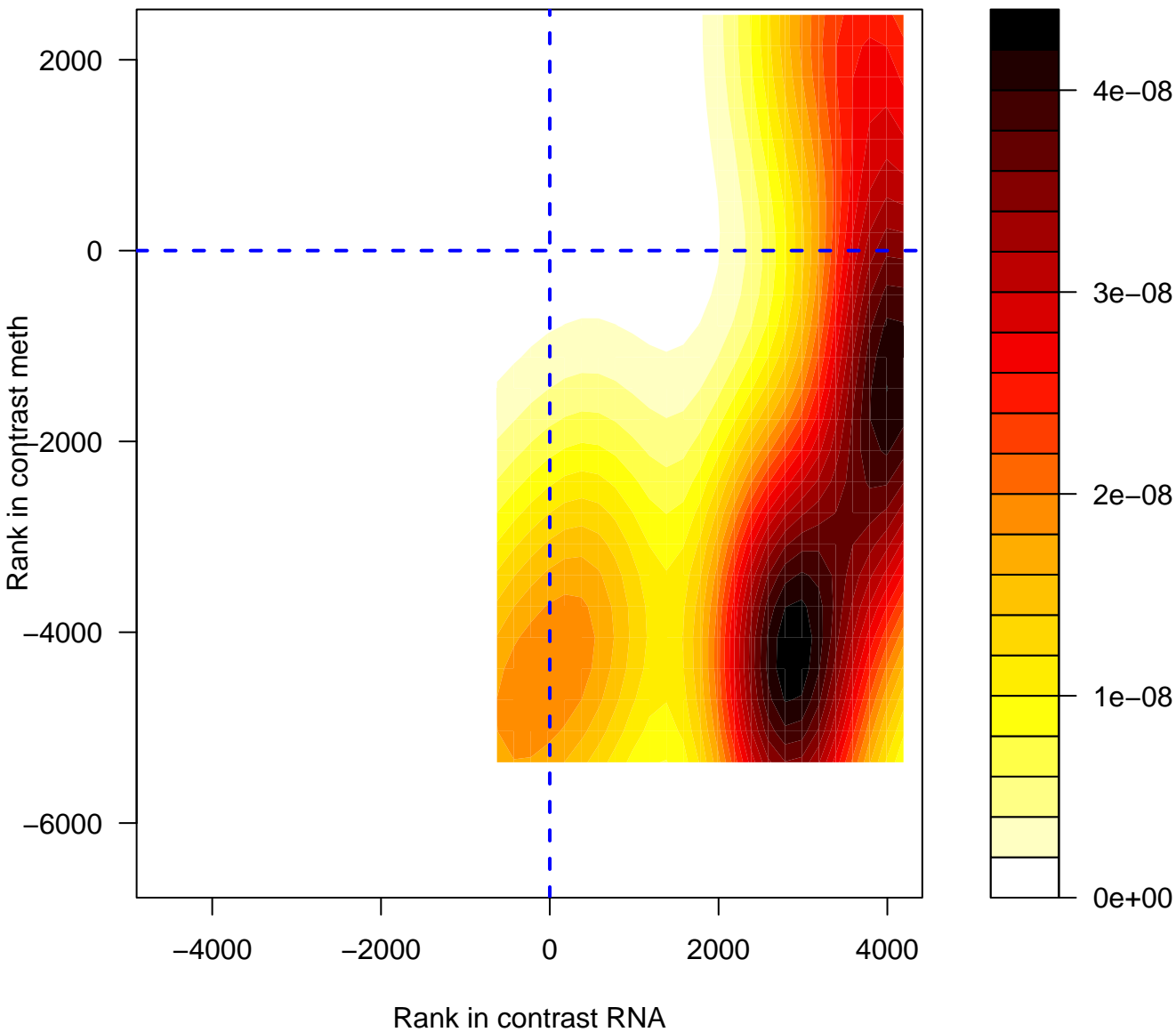
Signal transduction by L1



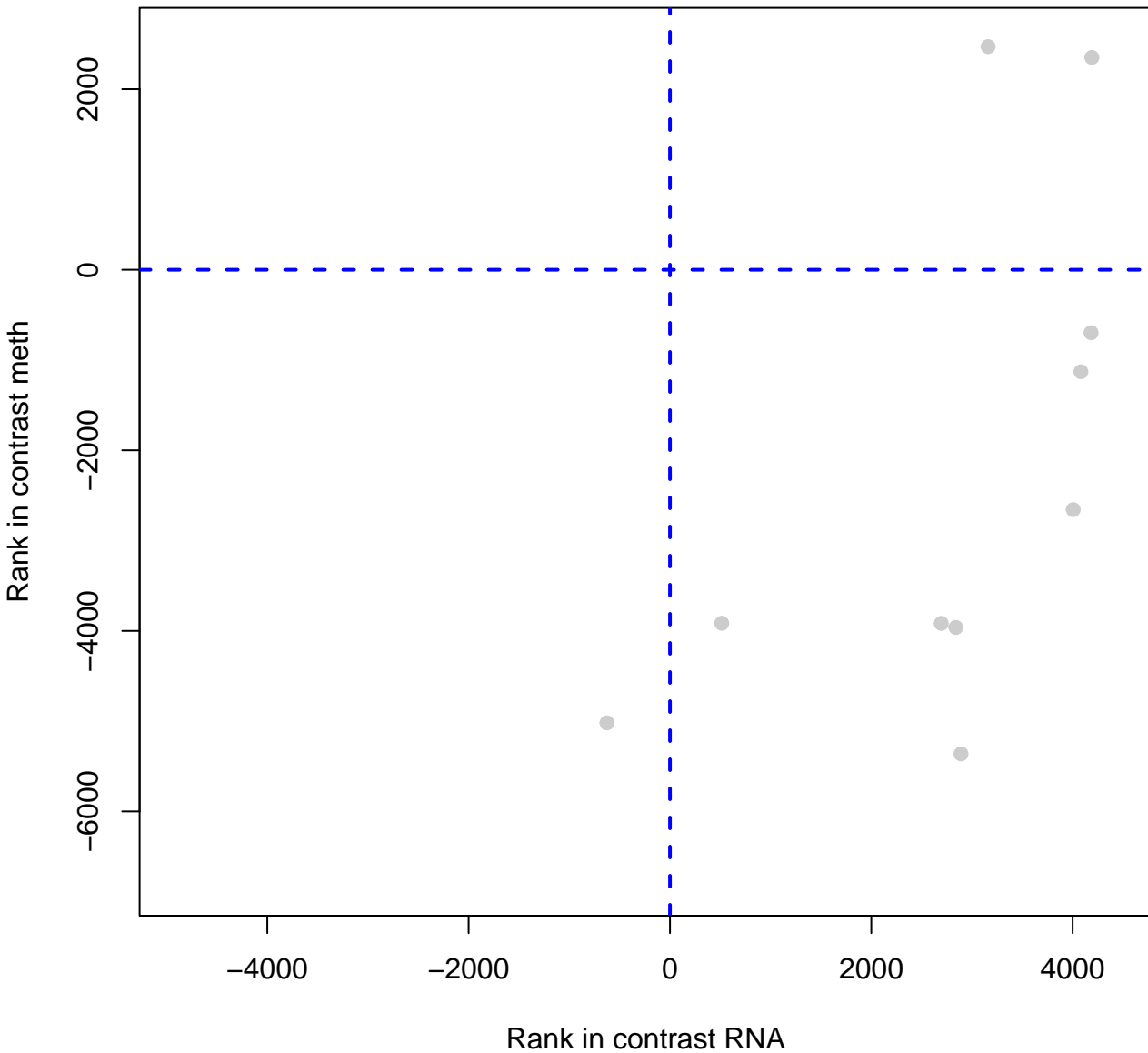
Signal transduction by L1



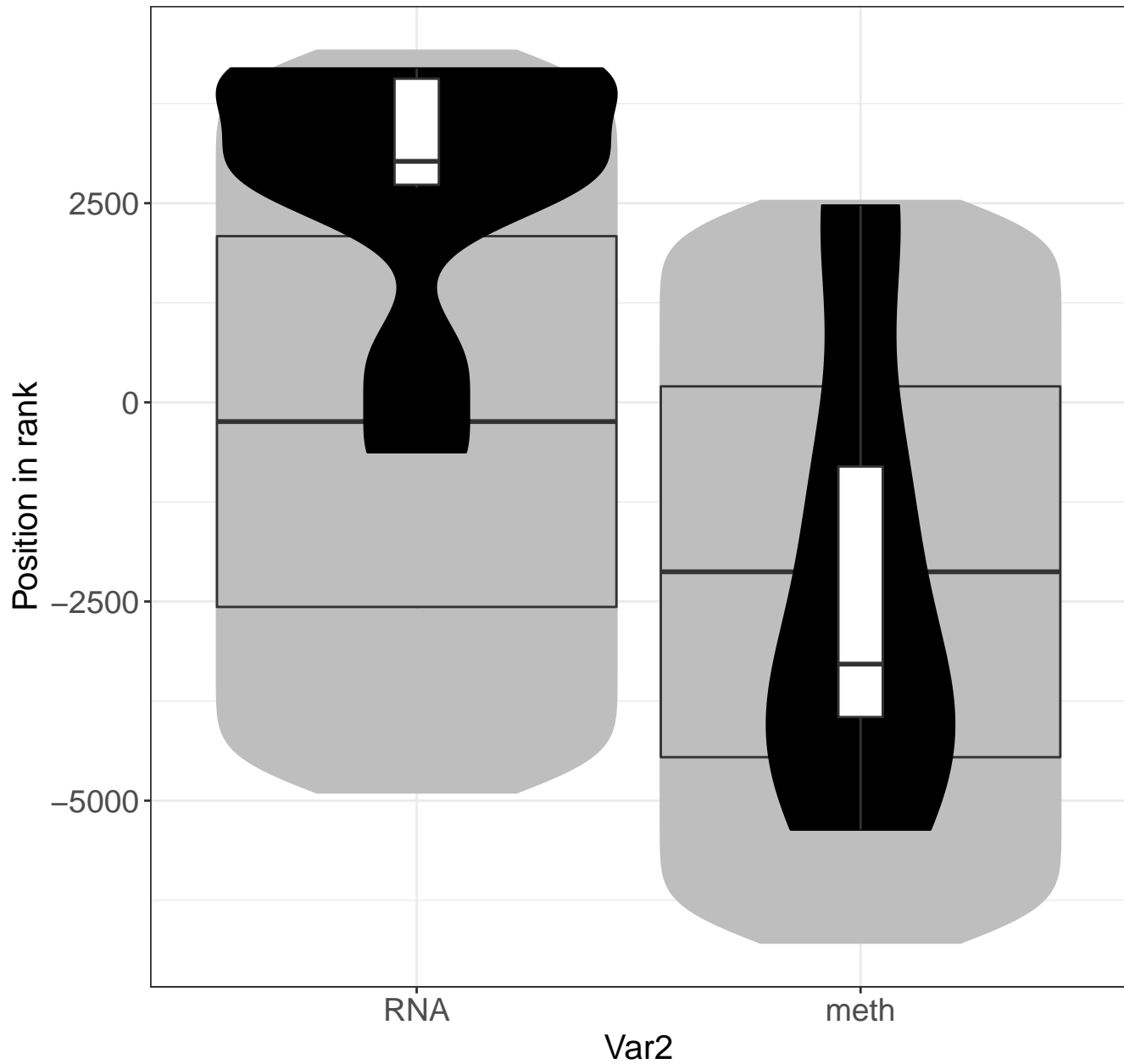
Uptake and function of anthrax toxins



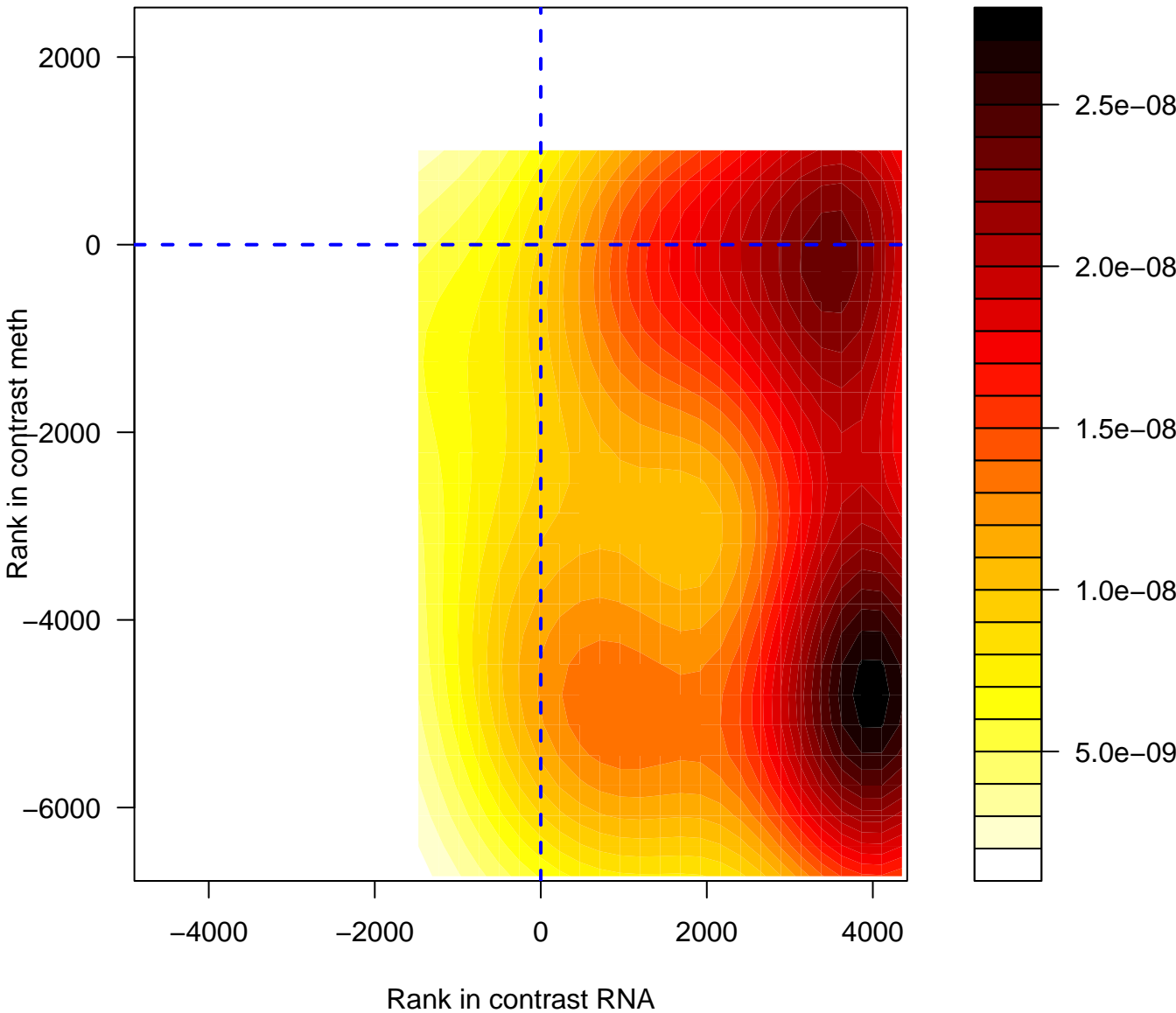
Uptake and function of anthrax toxins



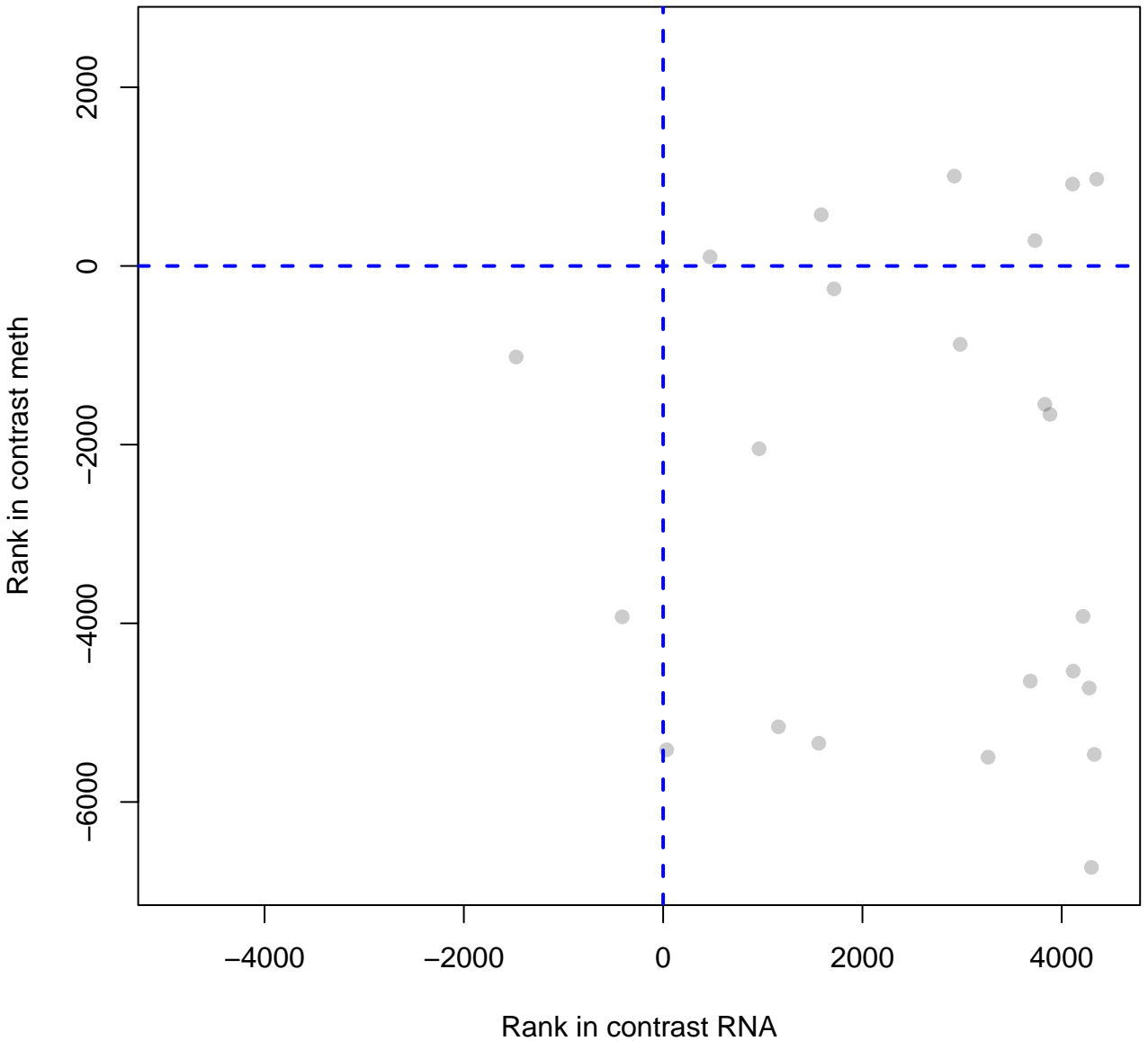
Uptake and function of anthrax toxins



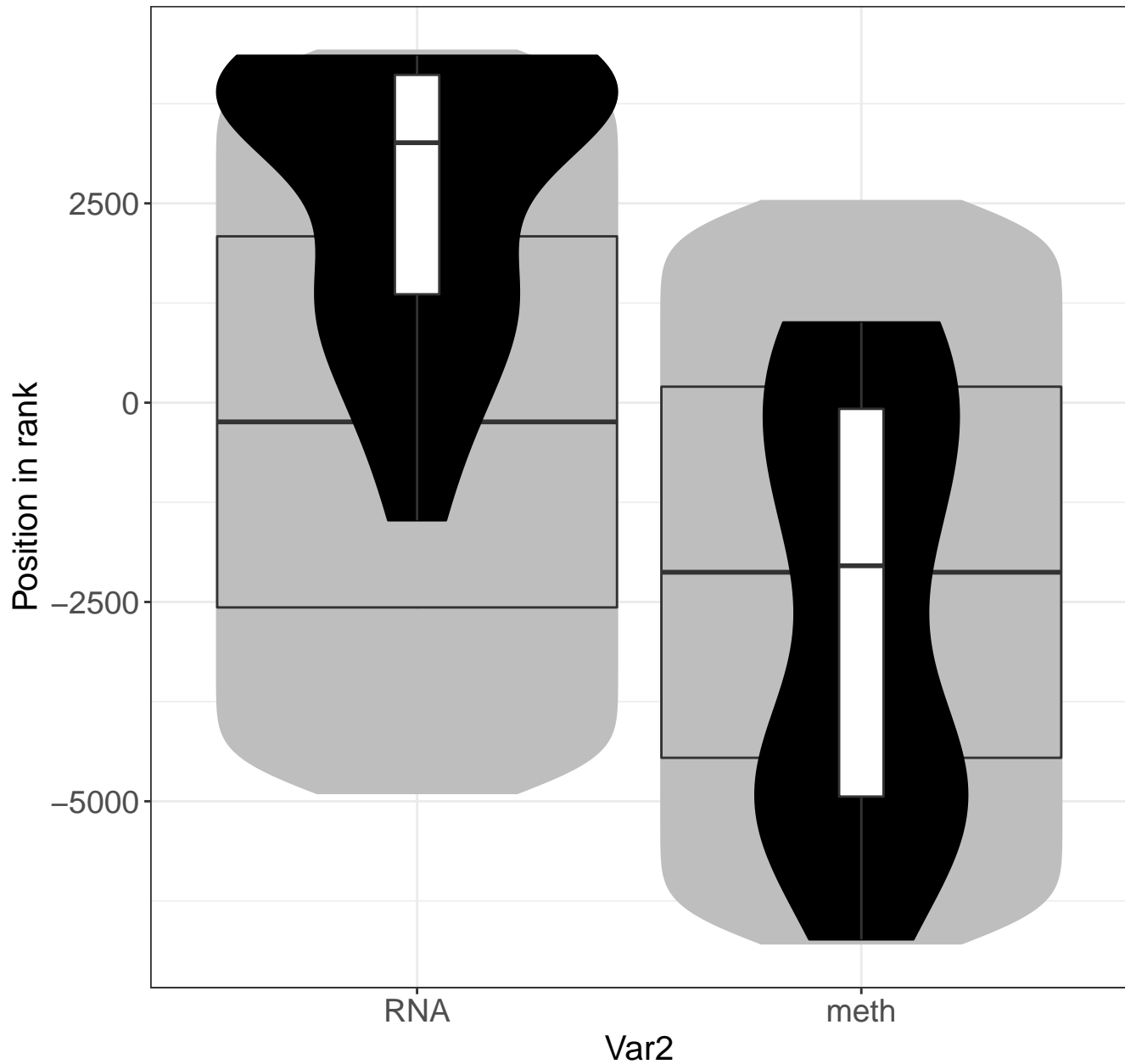
Detoxification of Reactive Oxygen Species



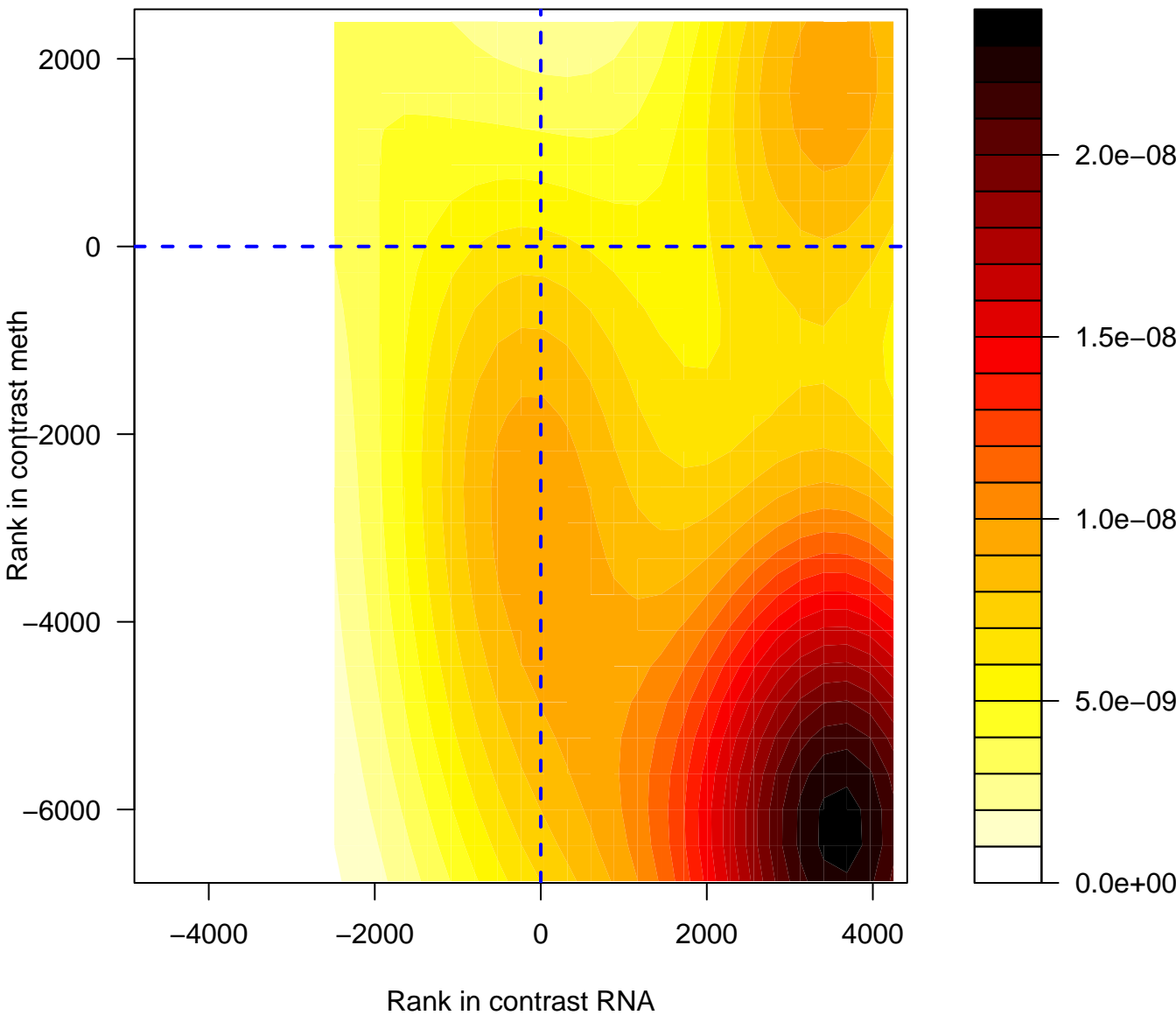
Detoxification of Reactive Oxygen Species



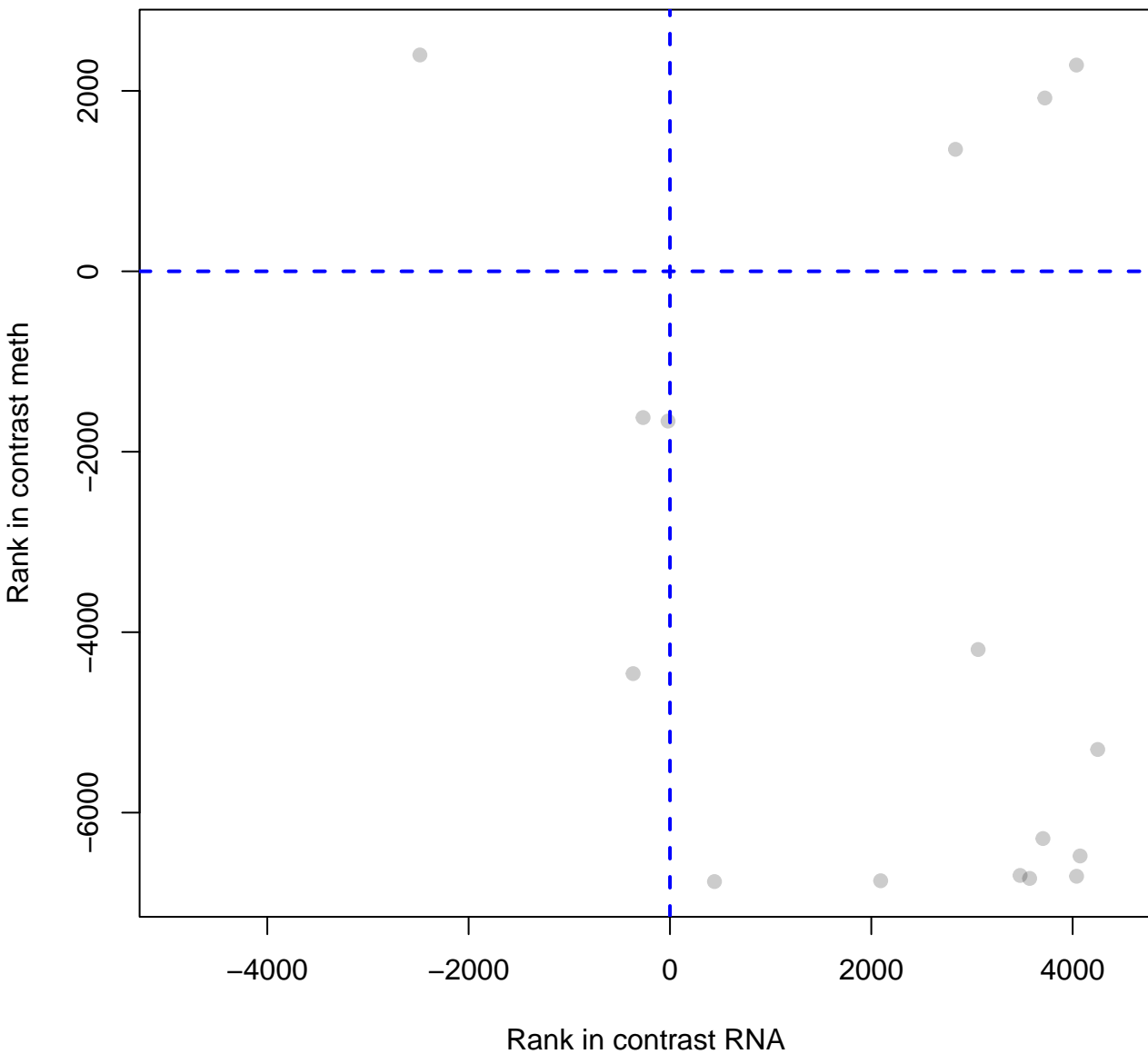
Detoxification of Reactive Oxygen Species



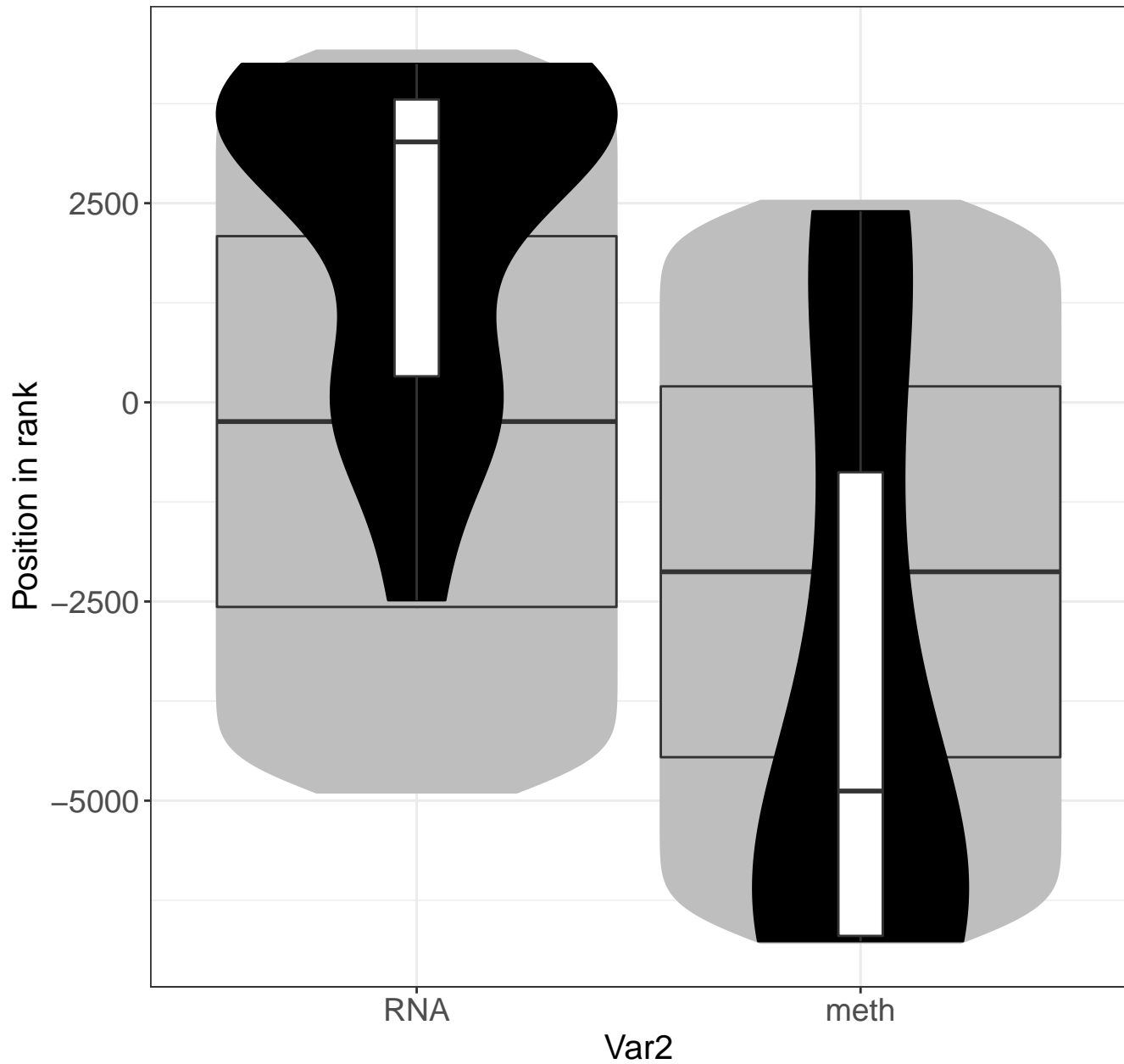
Peptide ligand-binding receptors



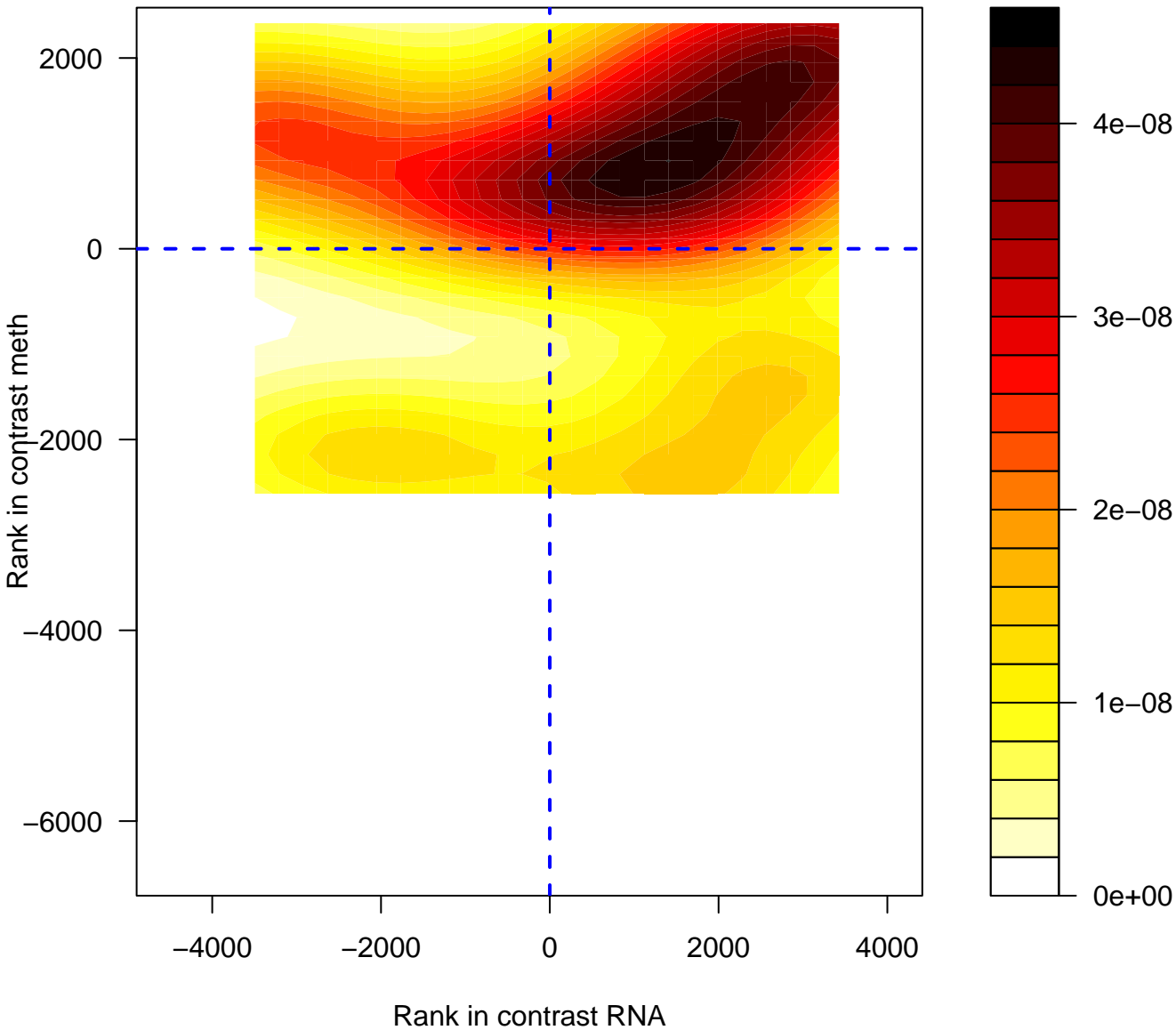
Peptide ligand-binding receptors



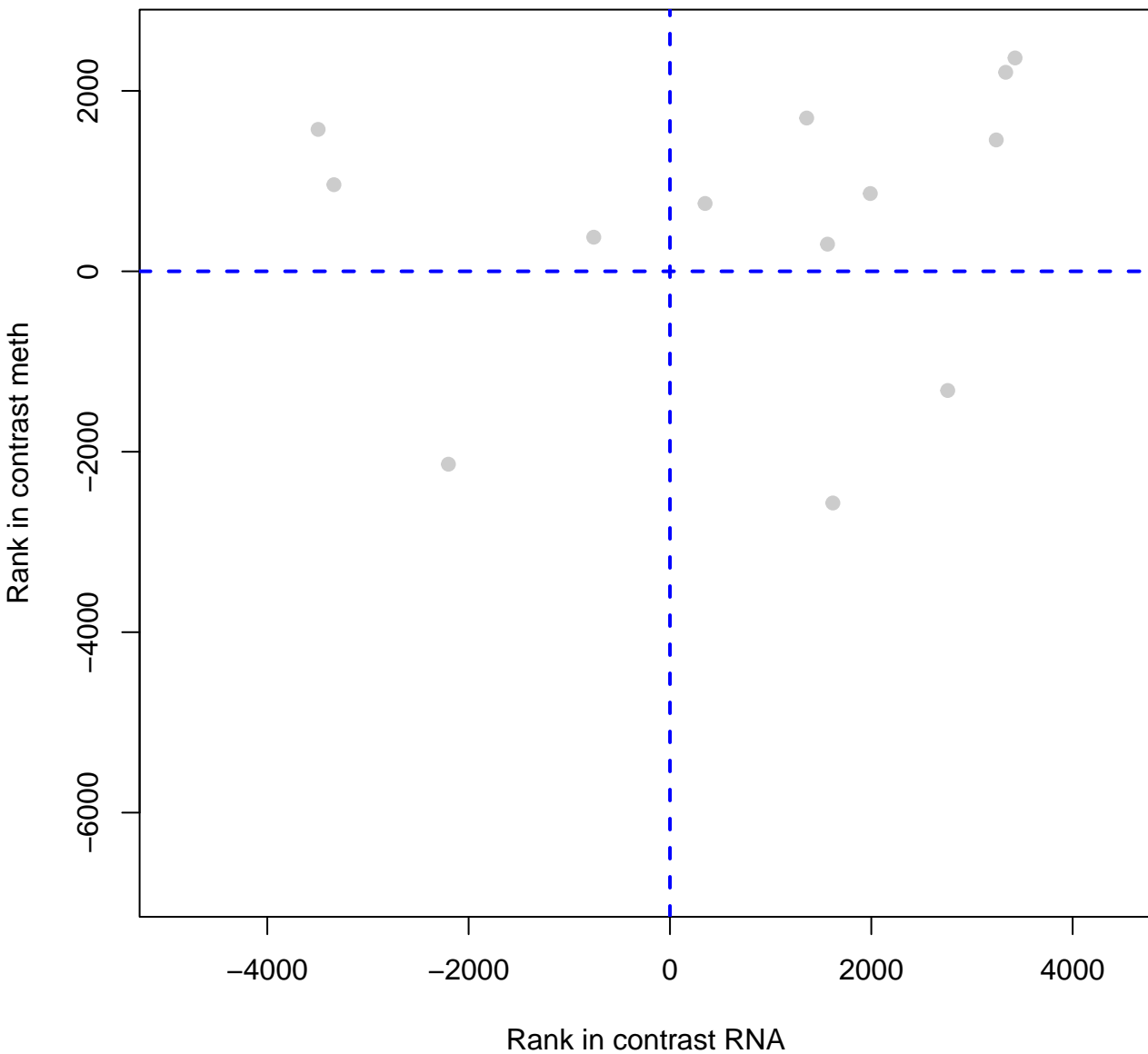
Peptide ligand-binding receptors



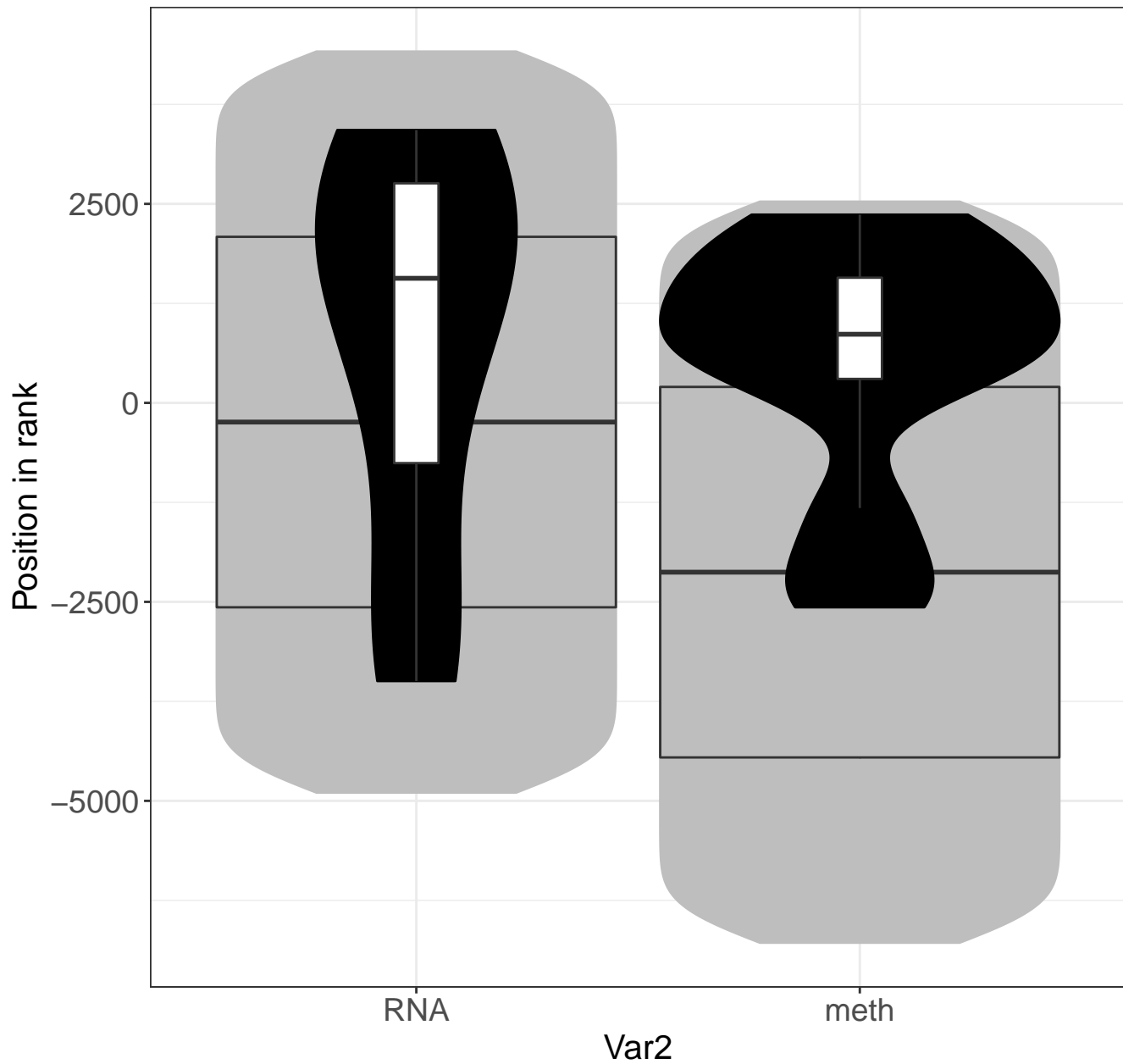
Negative regulation of FLT3



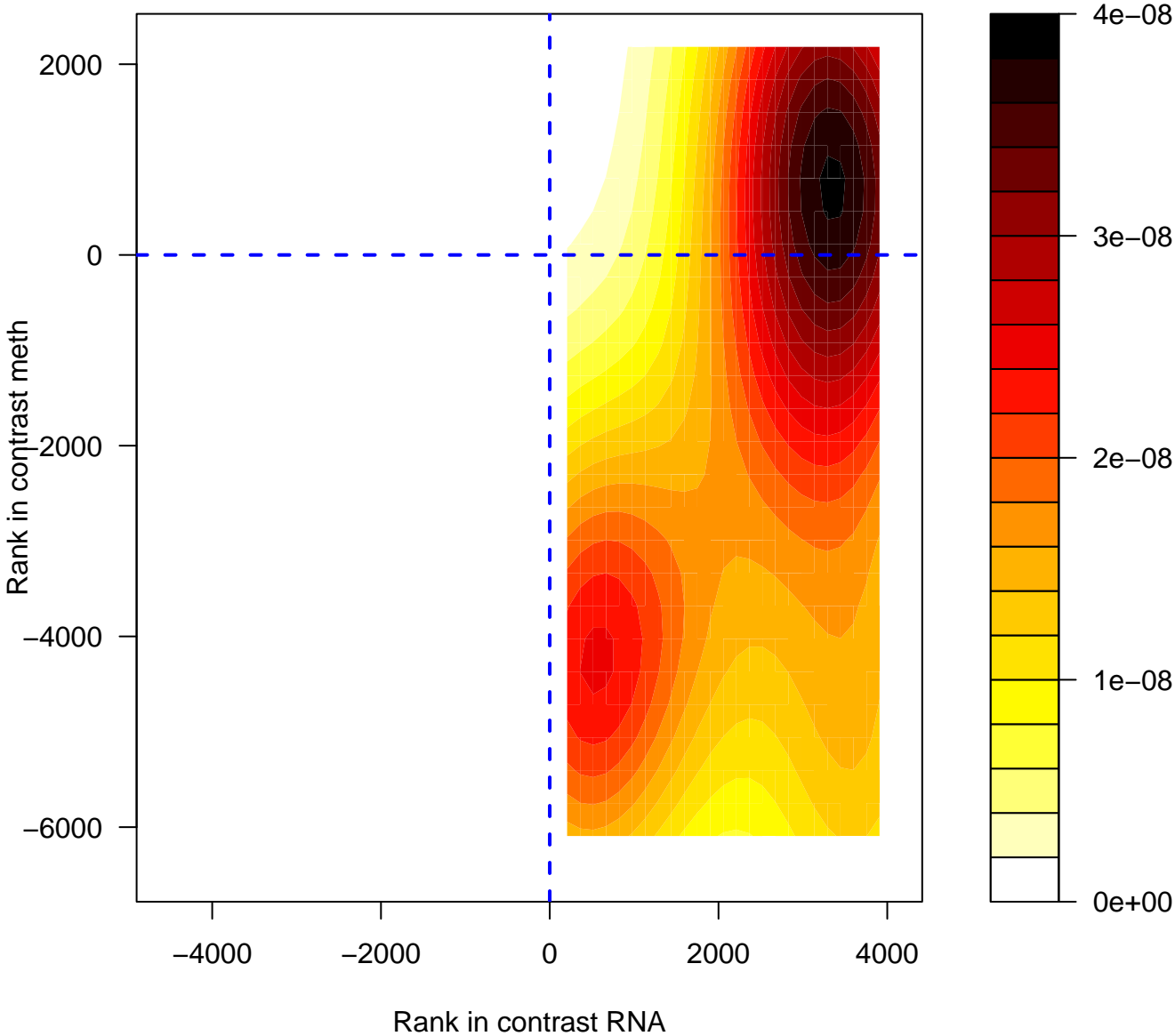
Negative regulation of FLT3



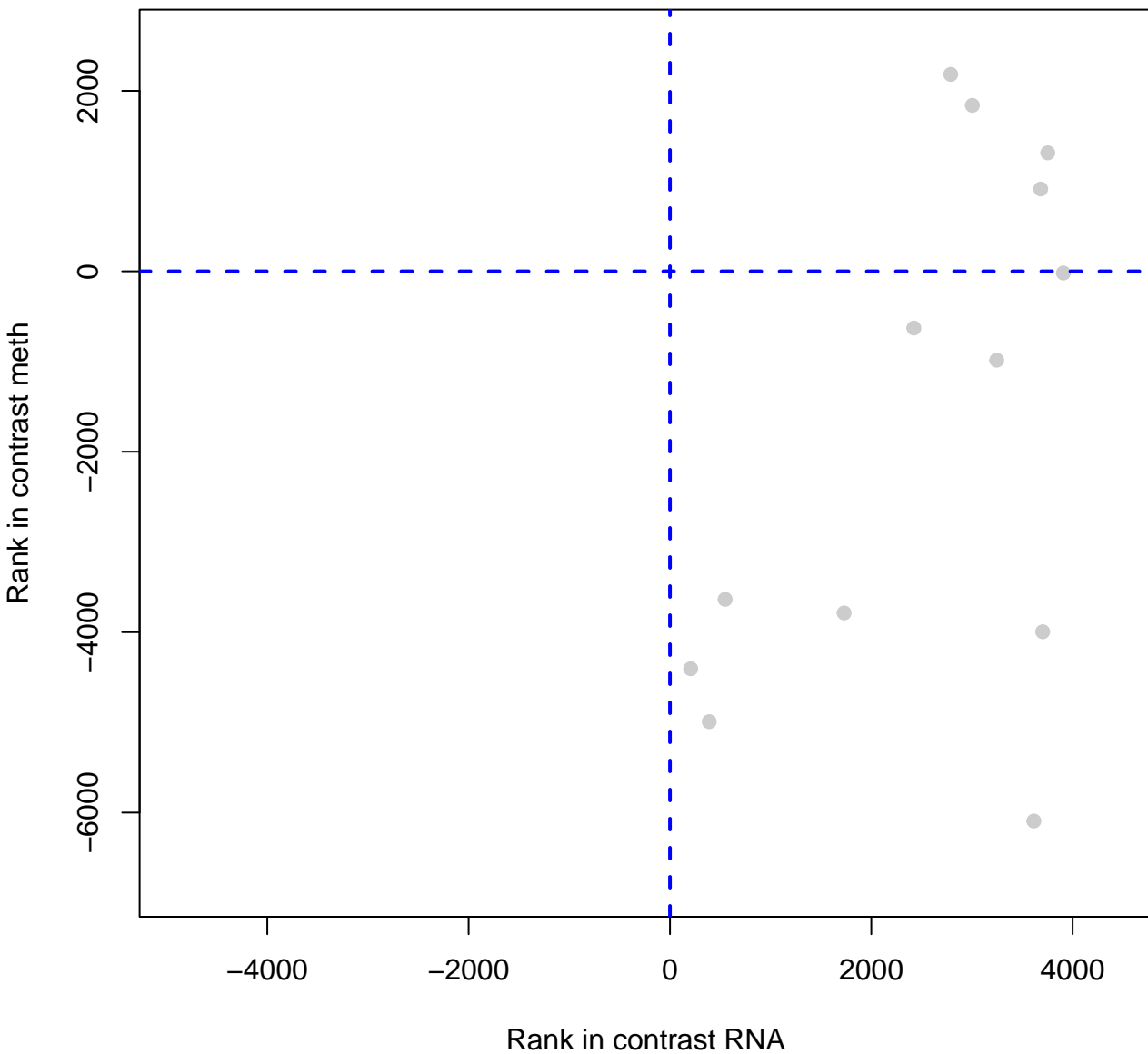
Negative regulation of FLT3



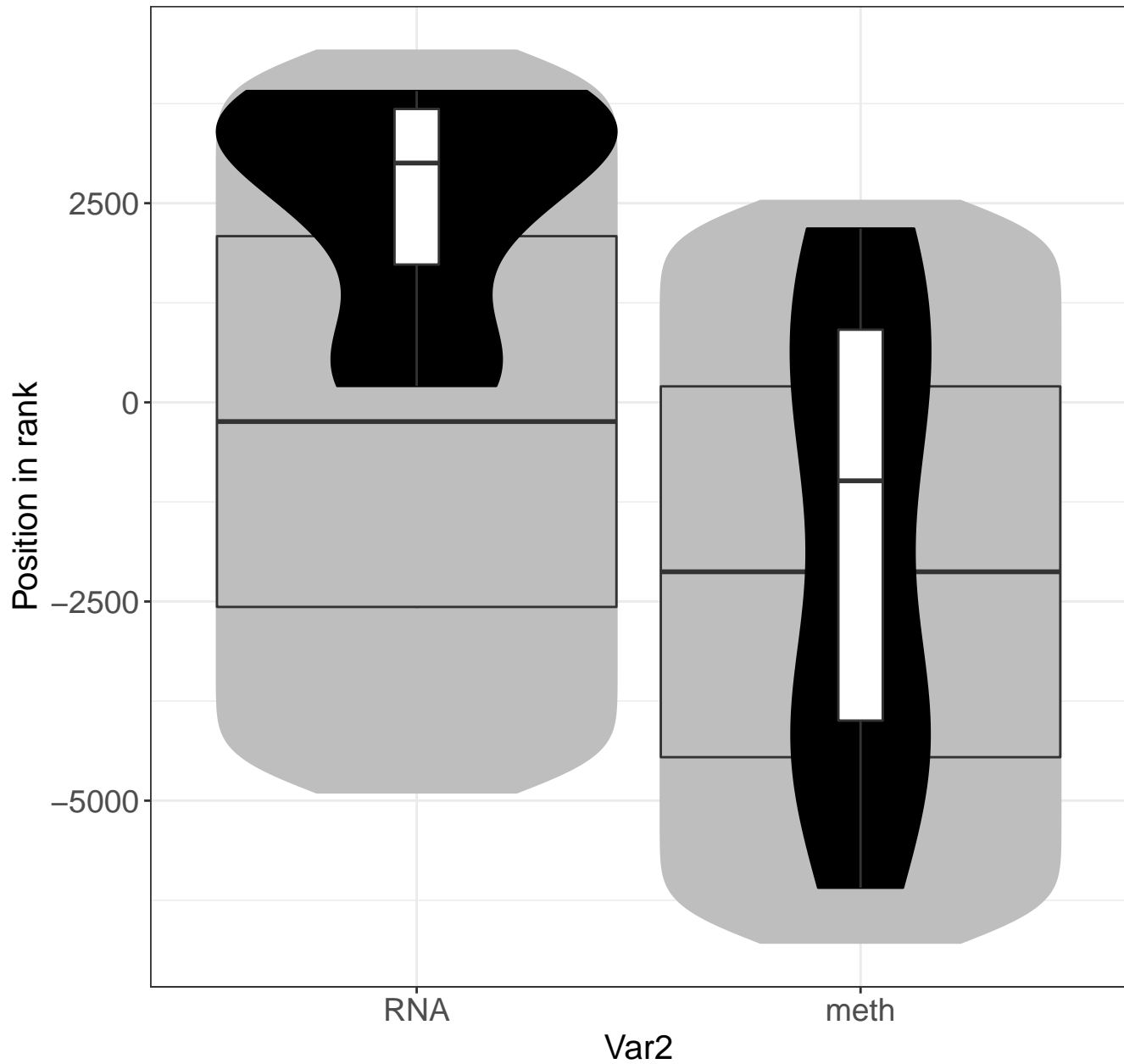
RHO GTPases Activate ROCKs



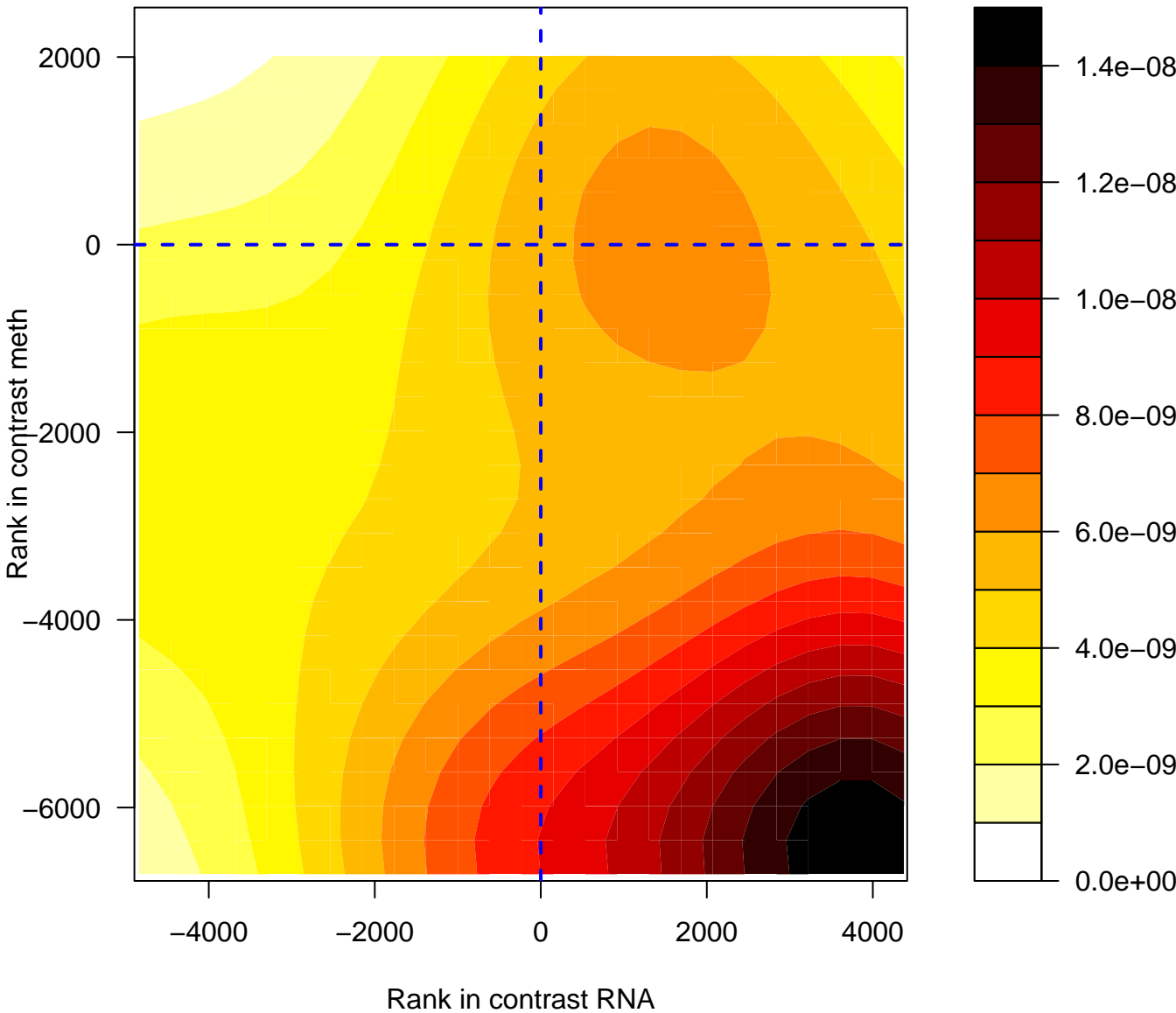
RHO GTPases Activate ROCKs



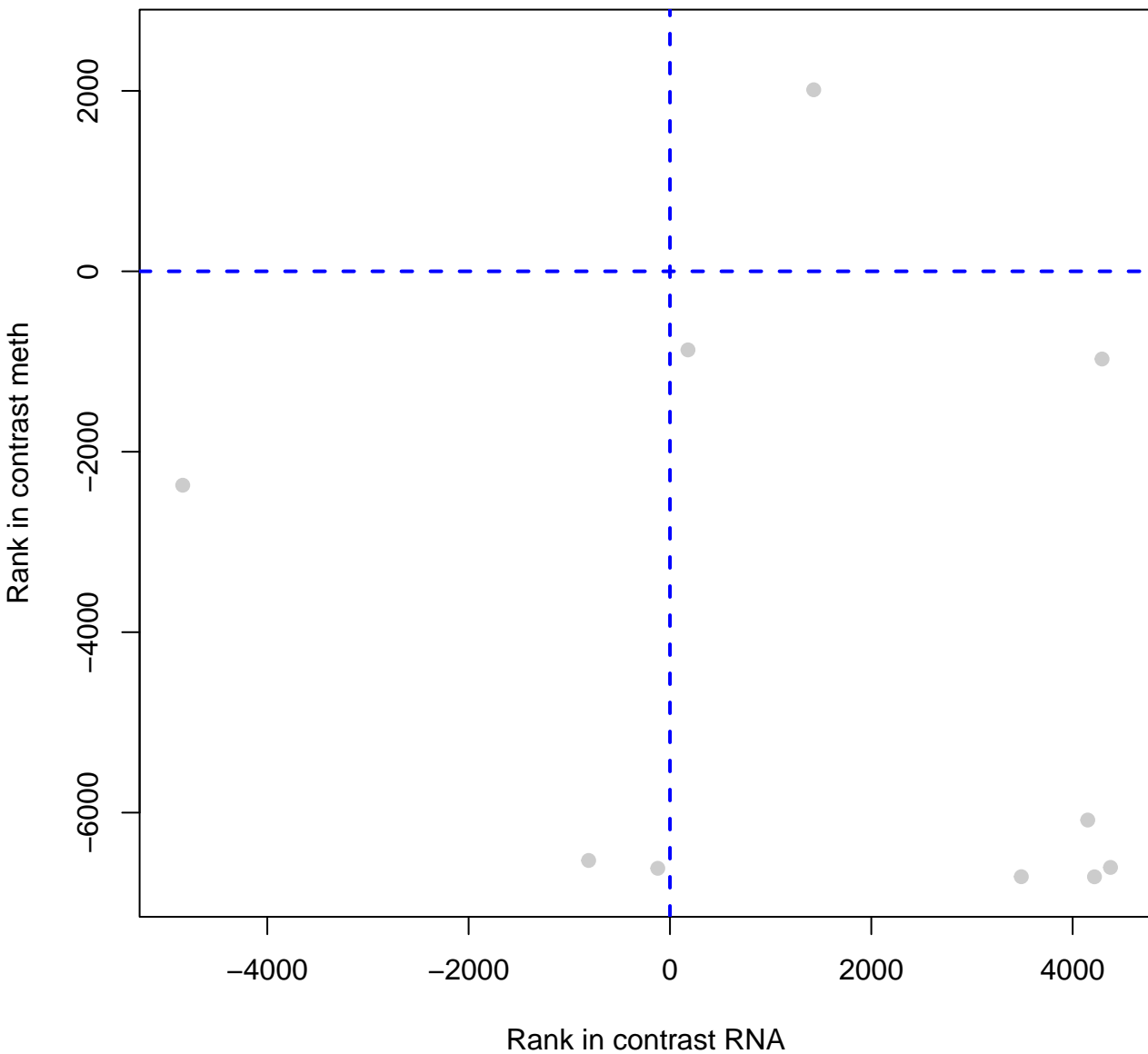
RHO GTPases Activate ROCKs



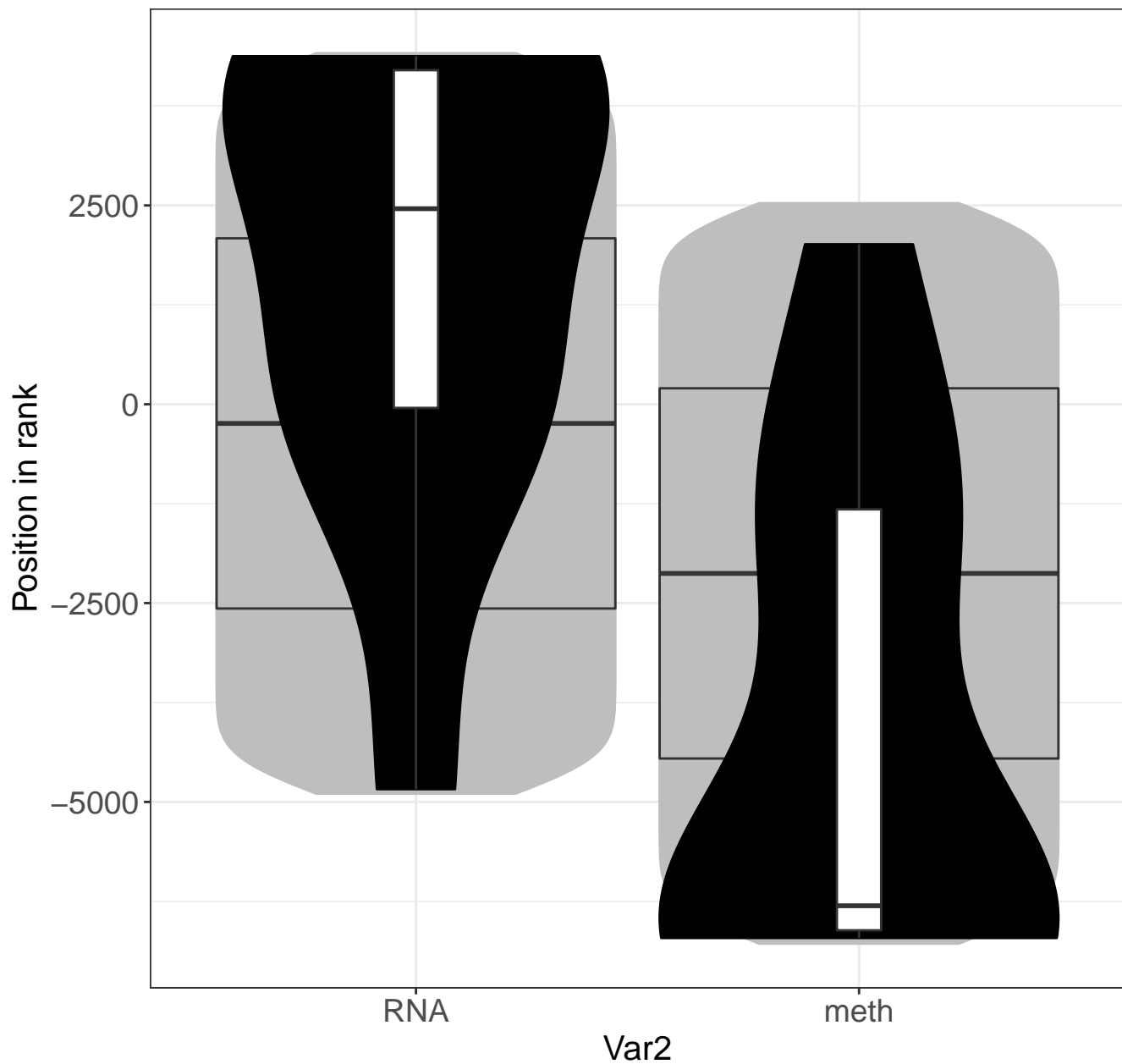
Synthesis of Leukotrienes (LT) and Eoxins (EX)



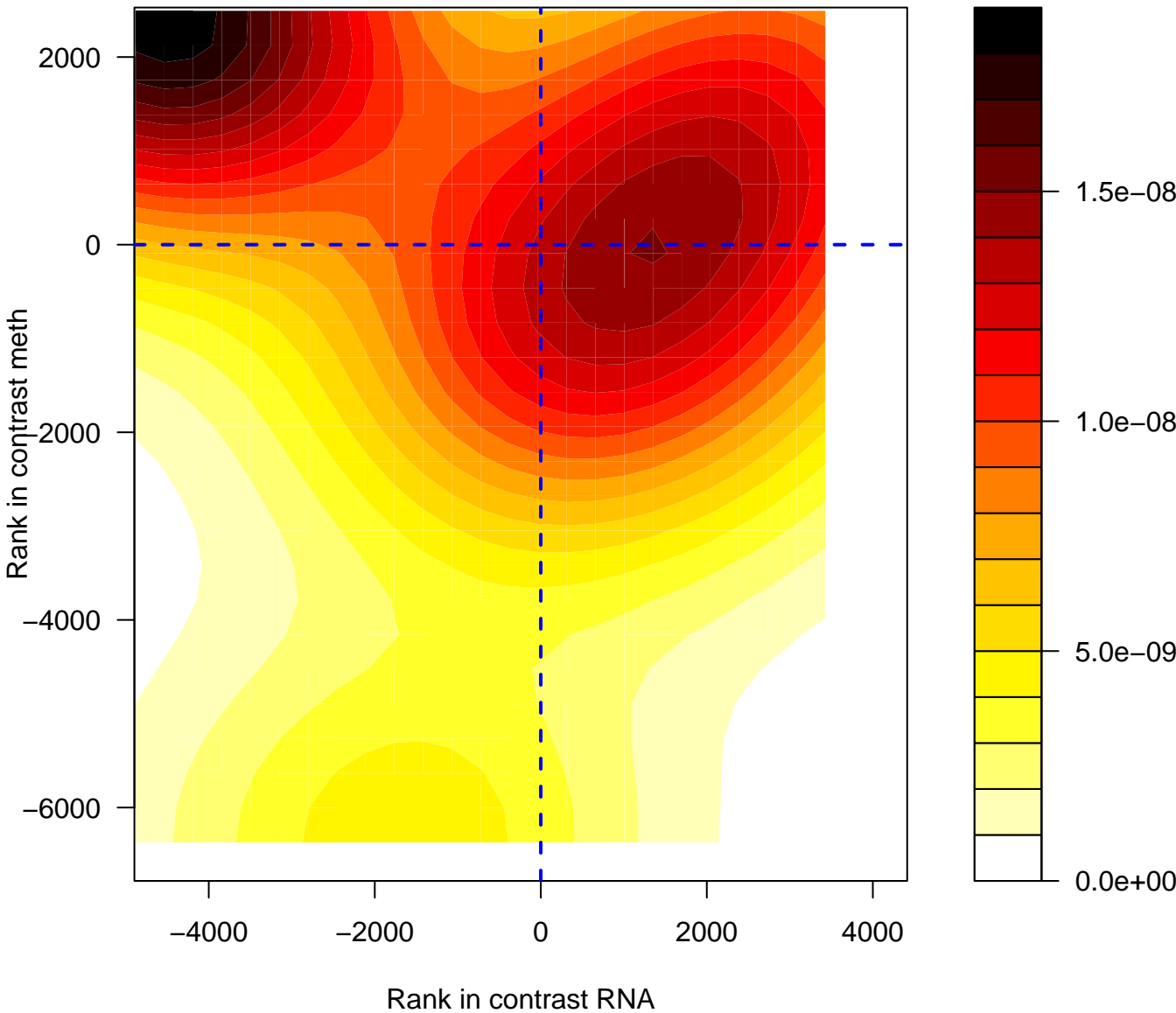
Synthesis of Leukotrienes (LT) and Eoxins (EX)



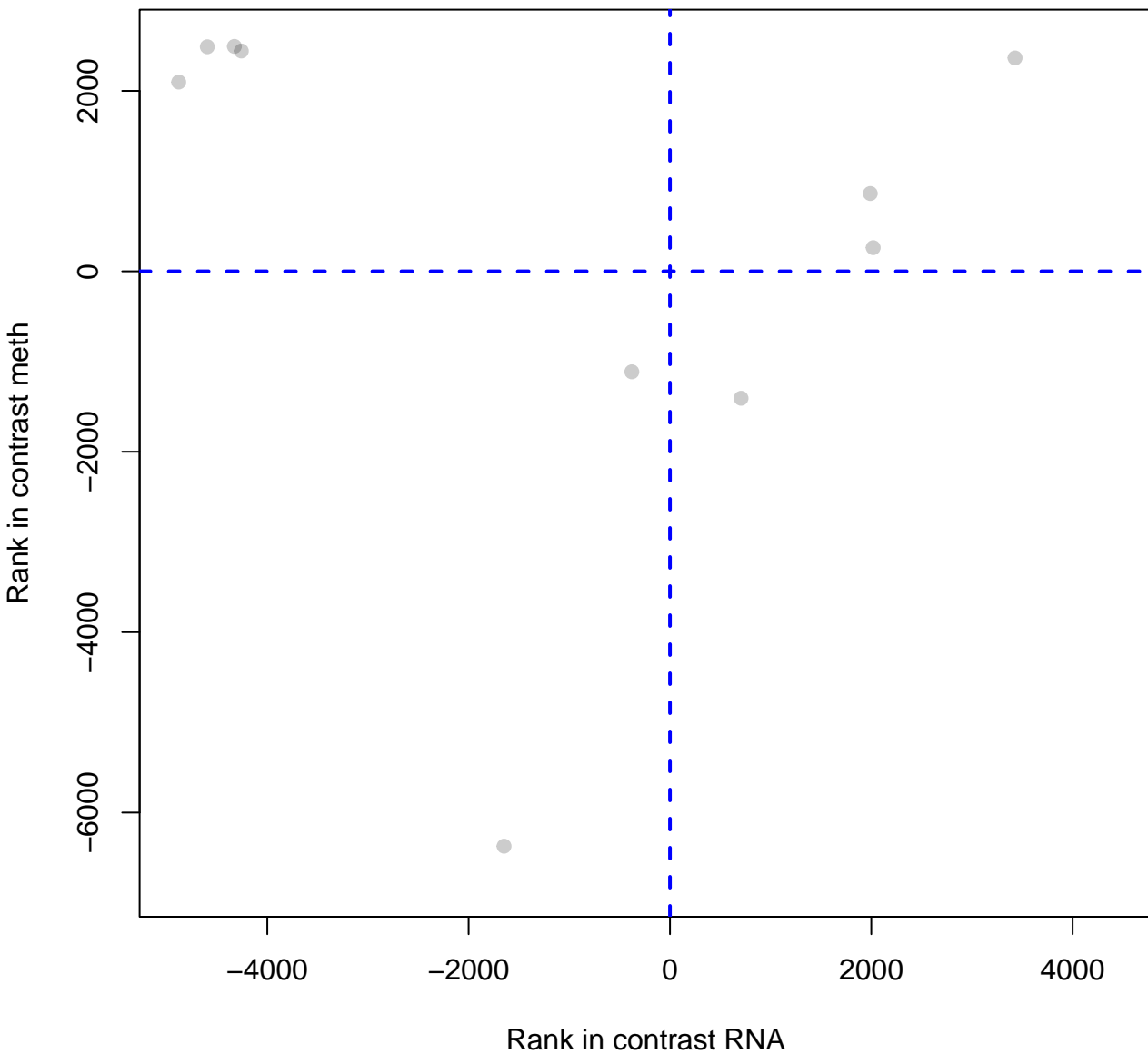
Synthesis of Leukotrienes (LT) and Eoxins (EX)



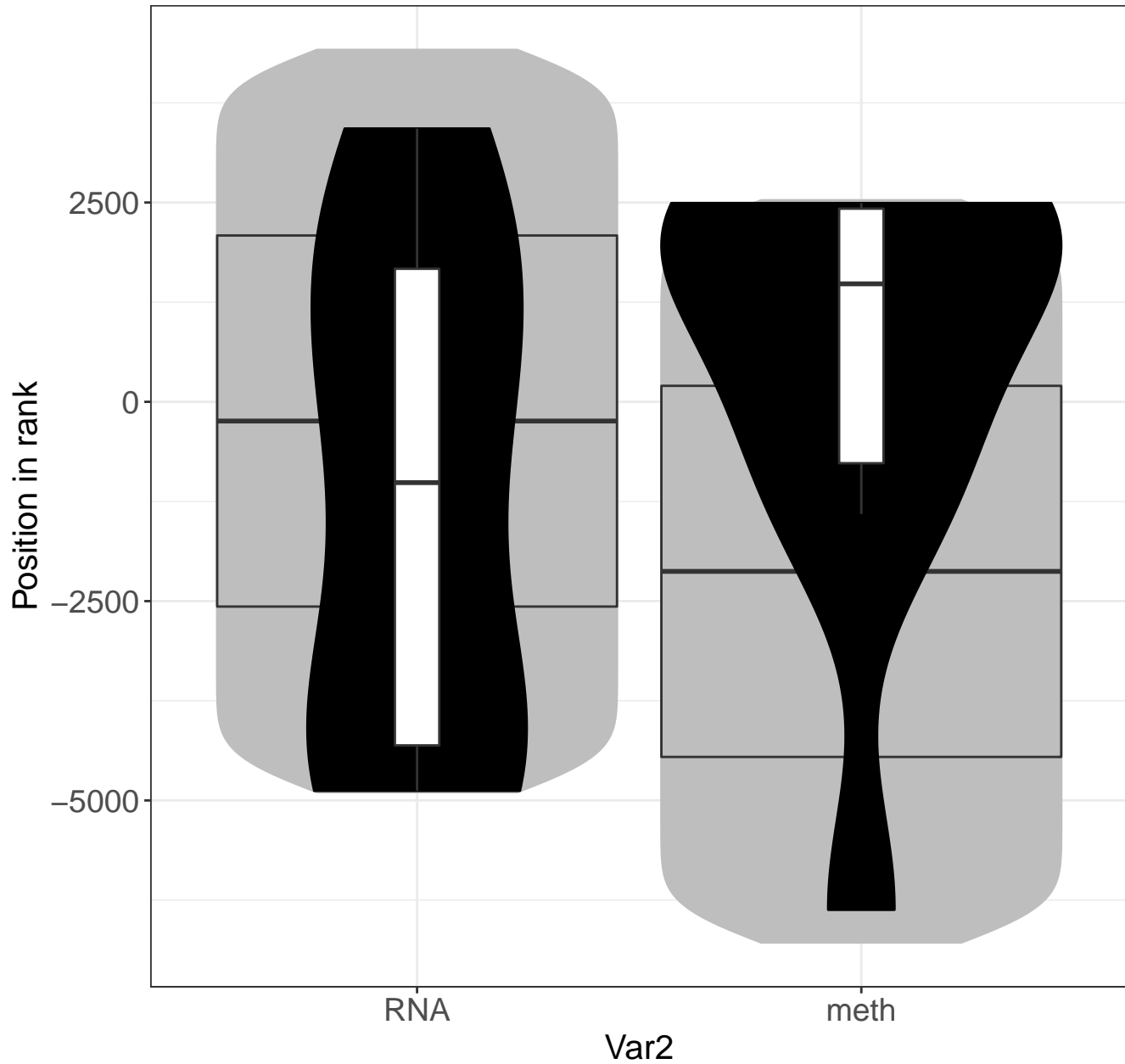
Phosphorylation of CD3 and TCR zeta chains



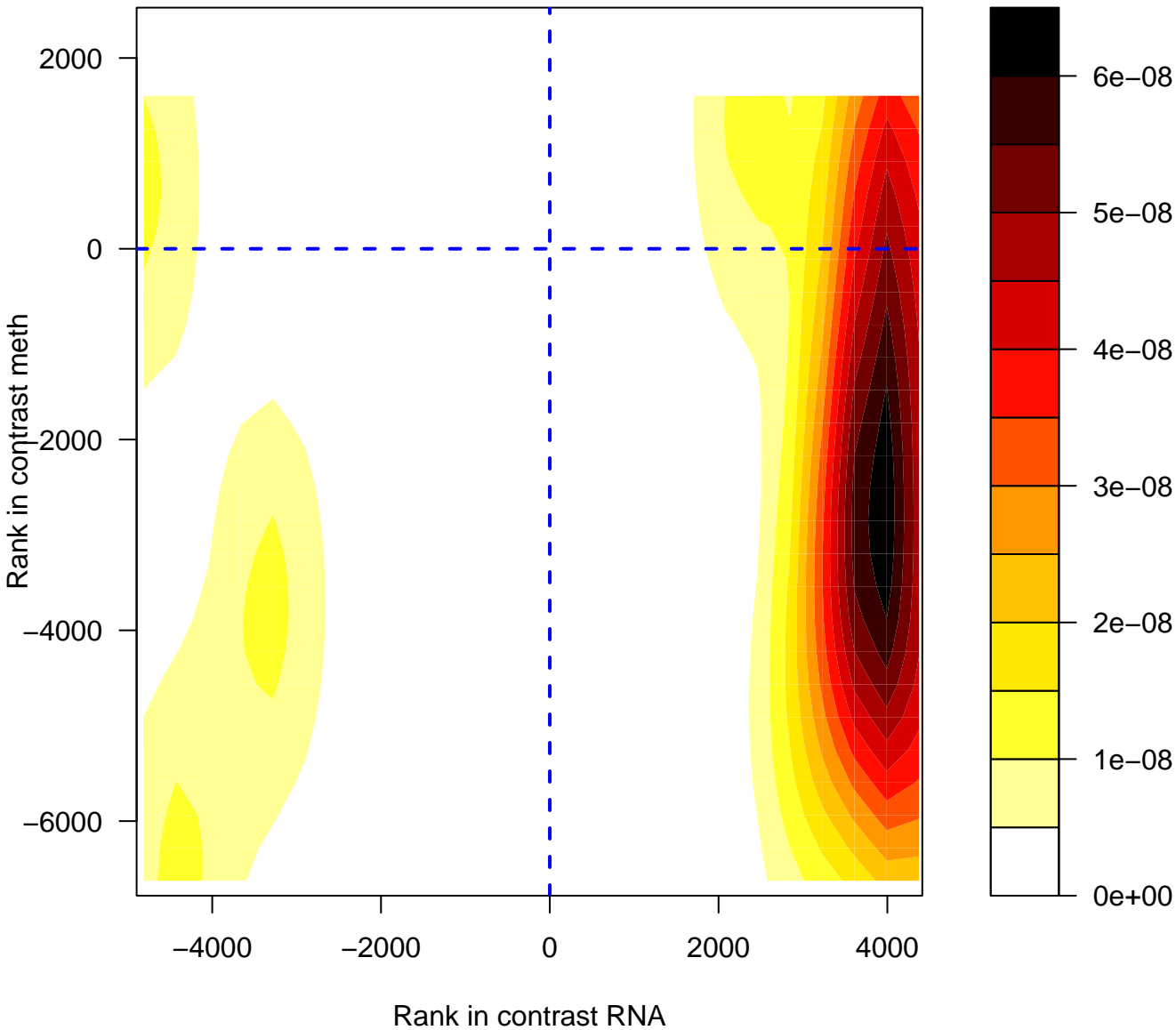
Phosphorylation of CD3 and TCR zeta chains



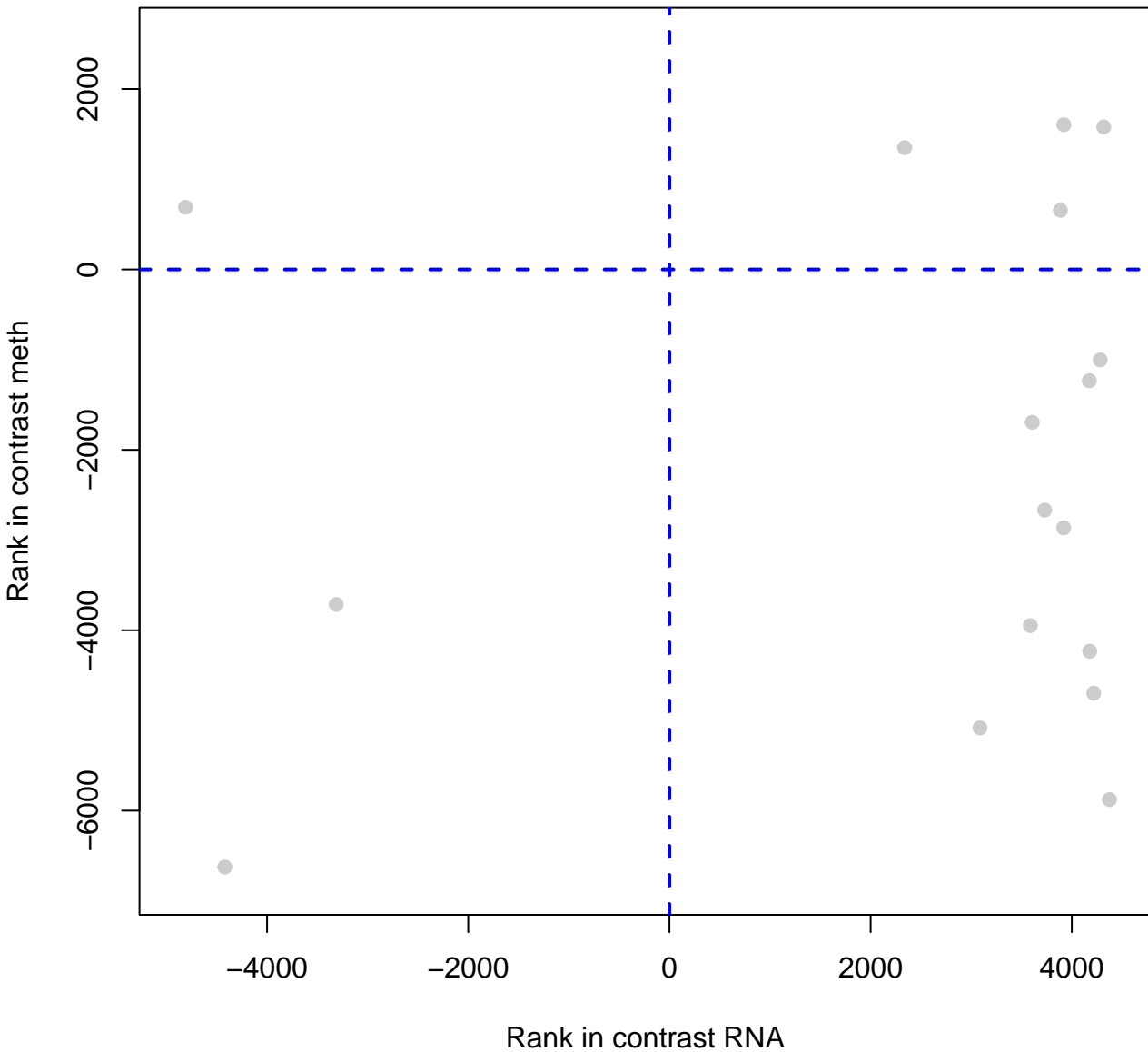
Phosphorylation of CD3 and TCR zeta chains



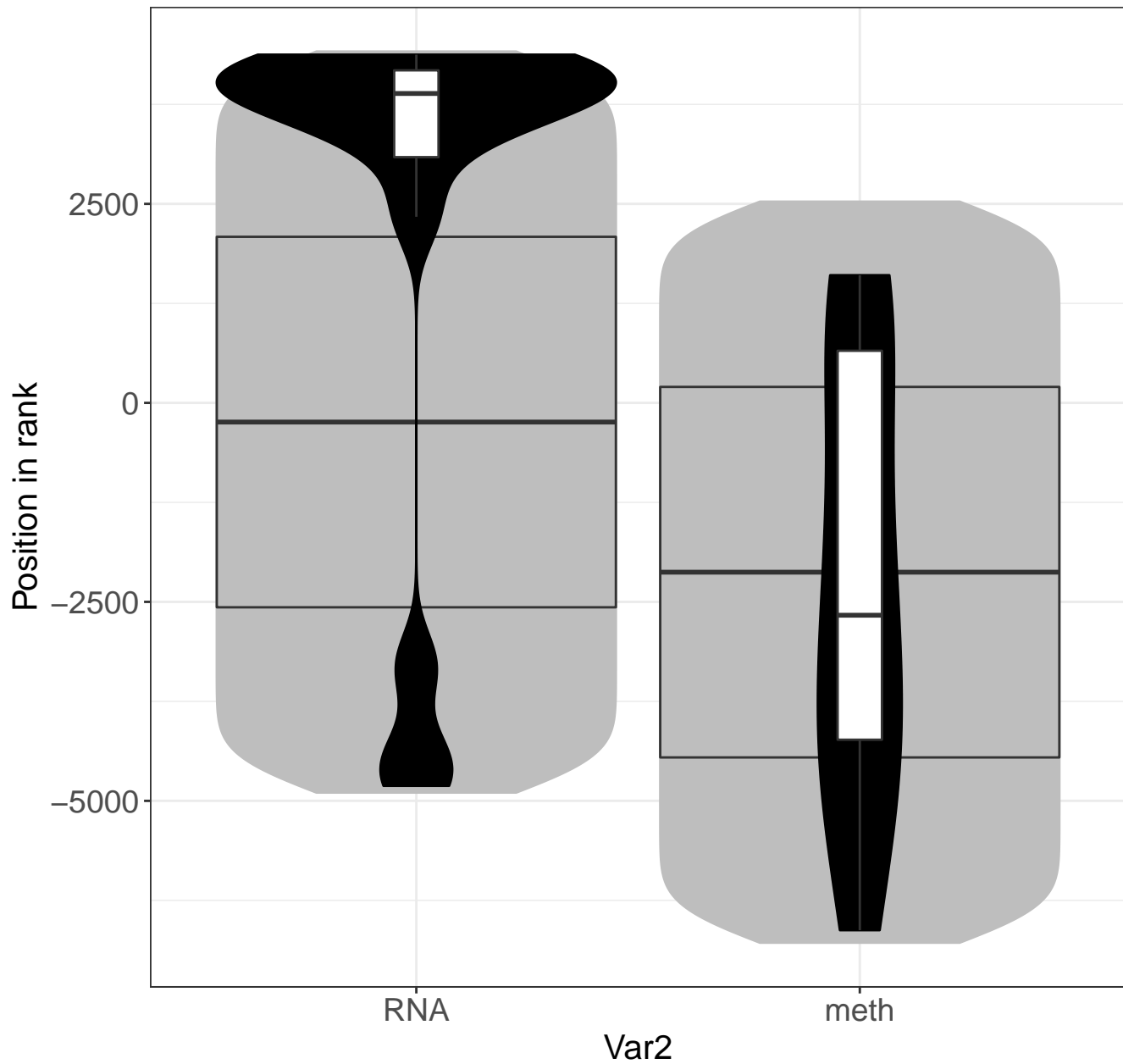
Insulin receptor recycling



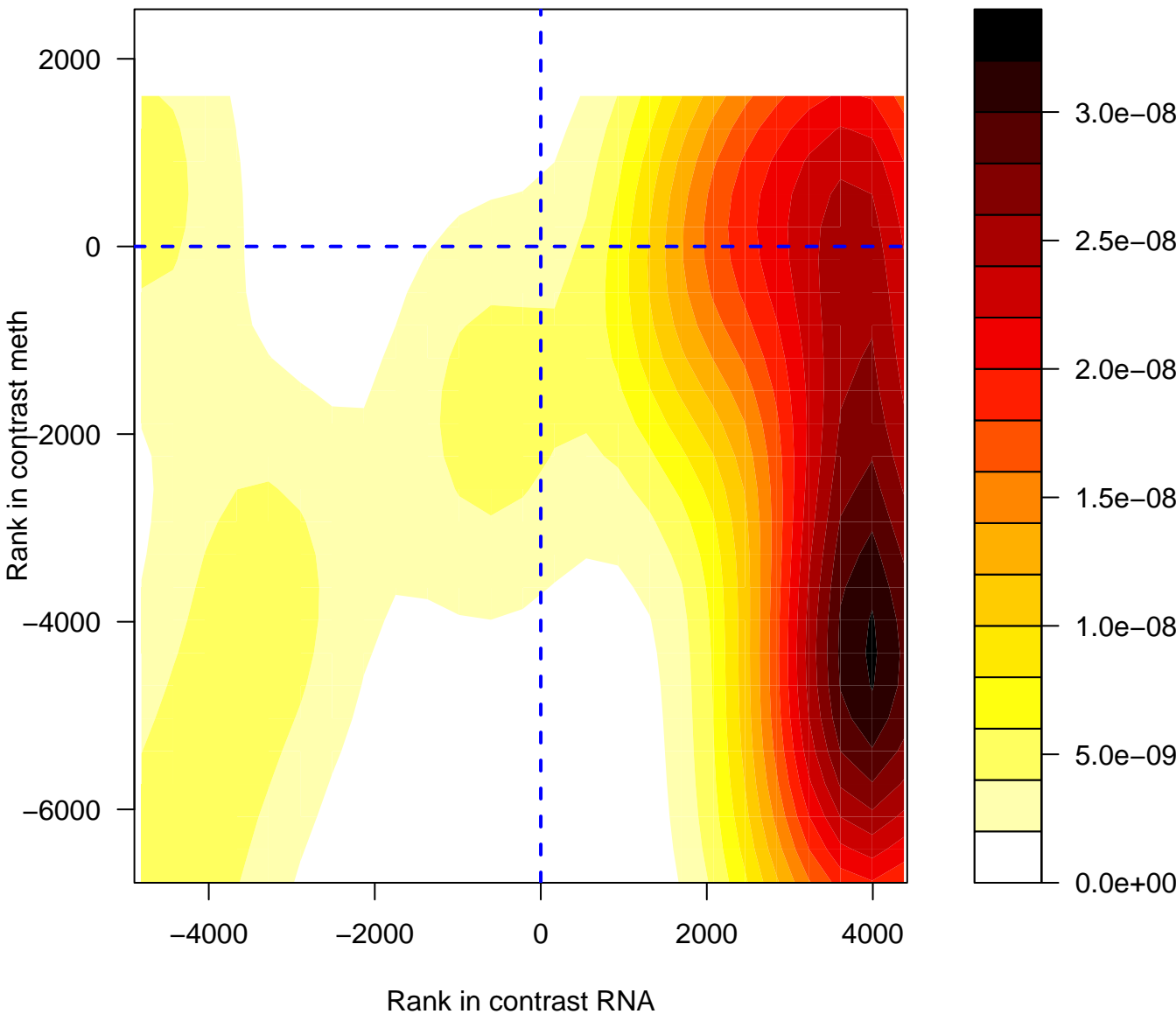
Insulin receptor recycling



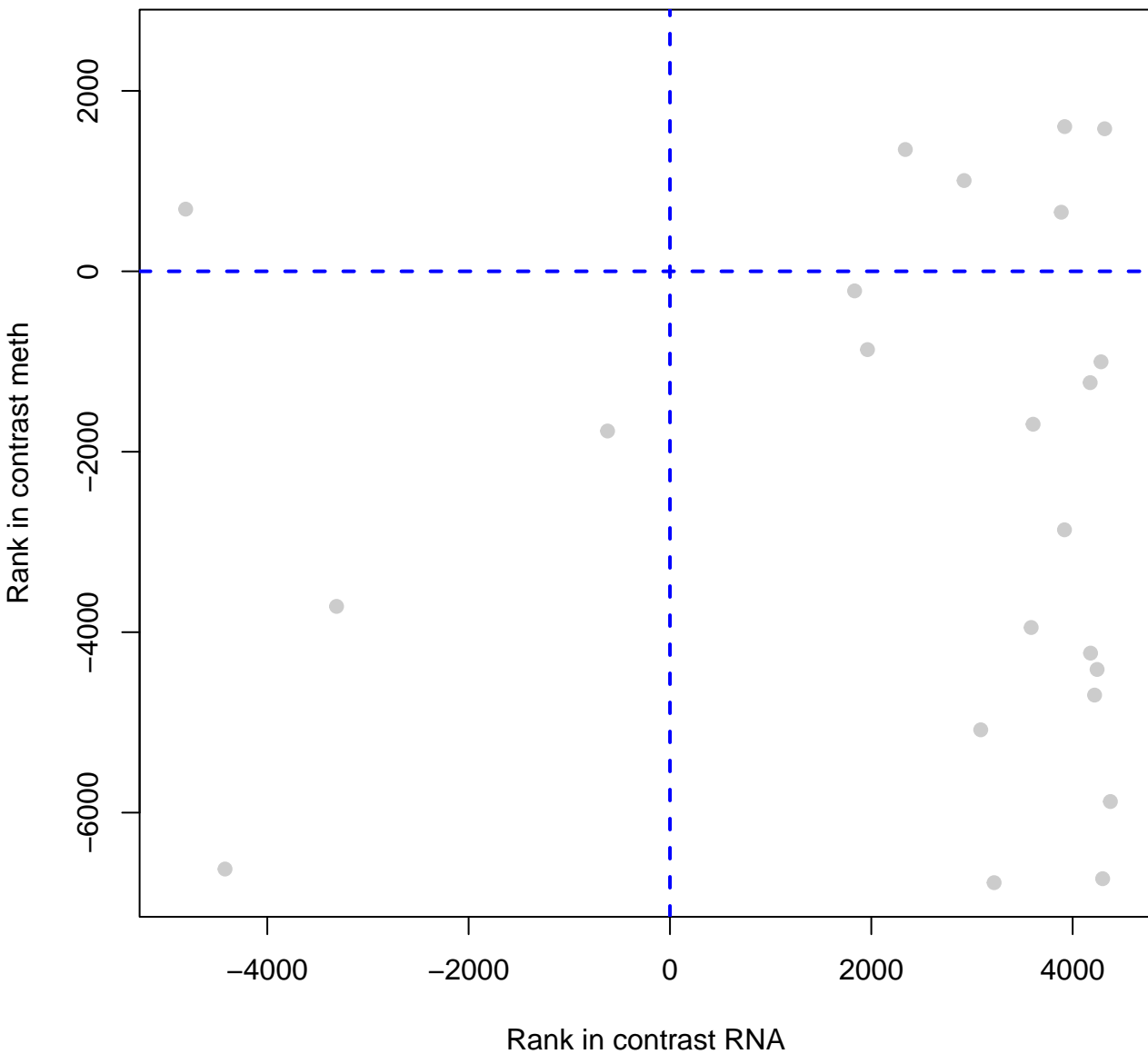
Insulin receptor recycling



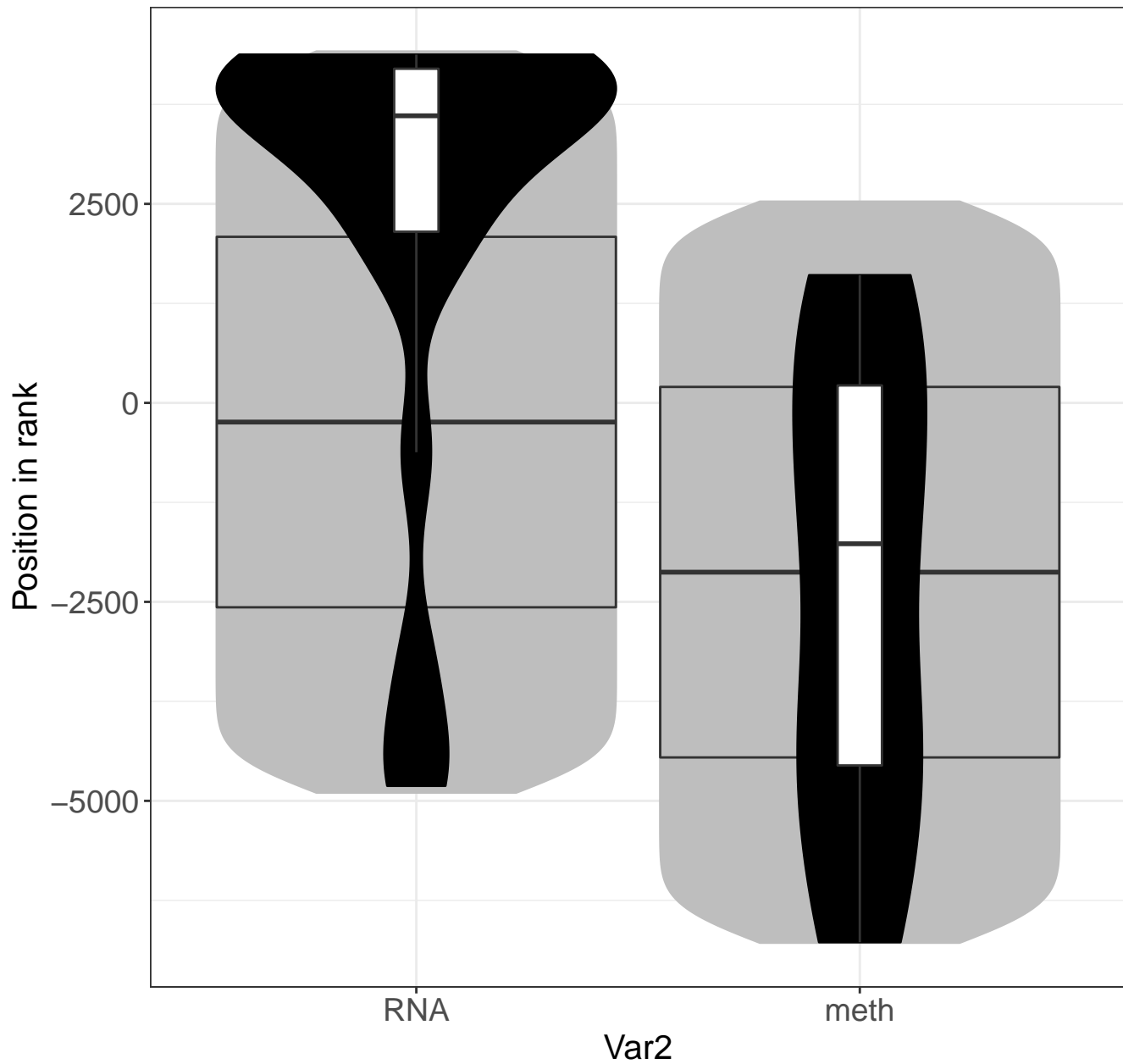
ROS and RNS production in phagocytes



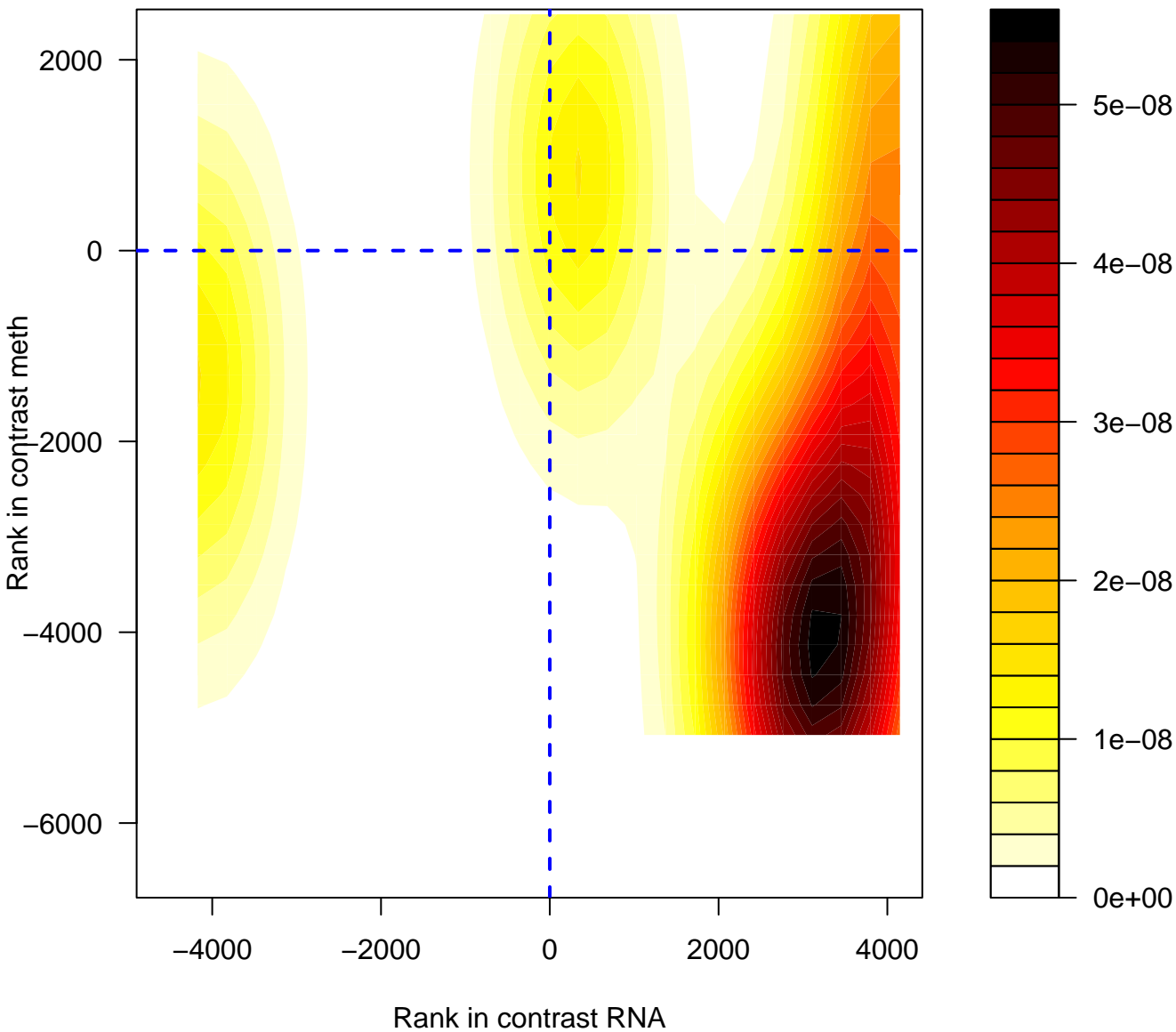
ROS and RNS production in phagocytes



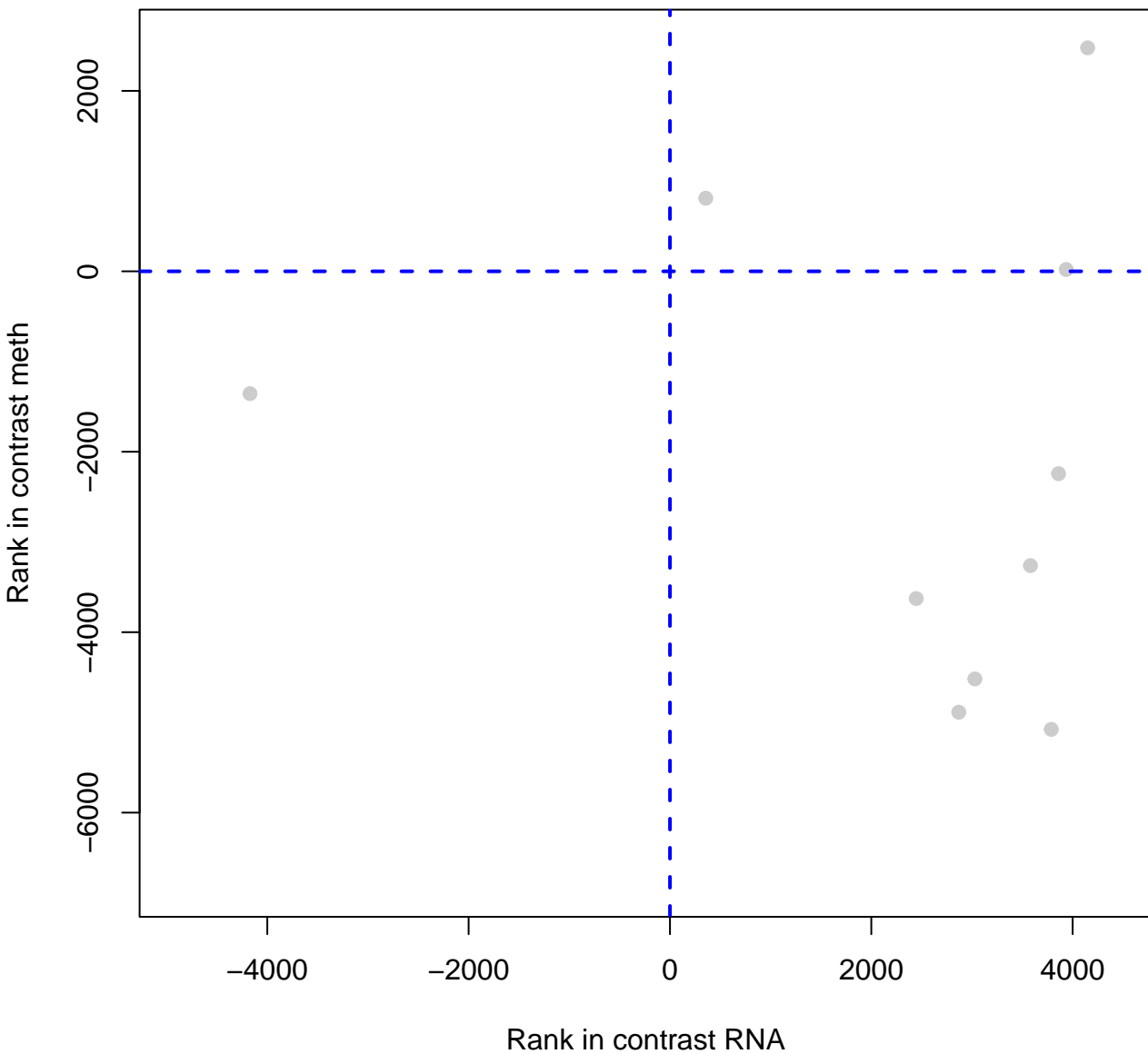
ROS and RNS production in phagocytes



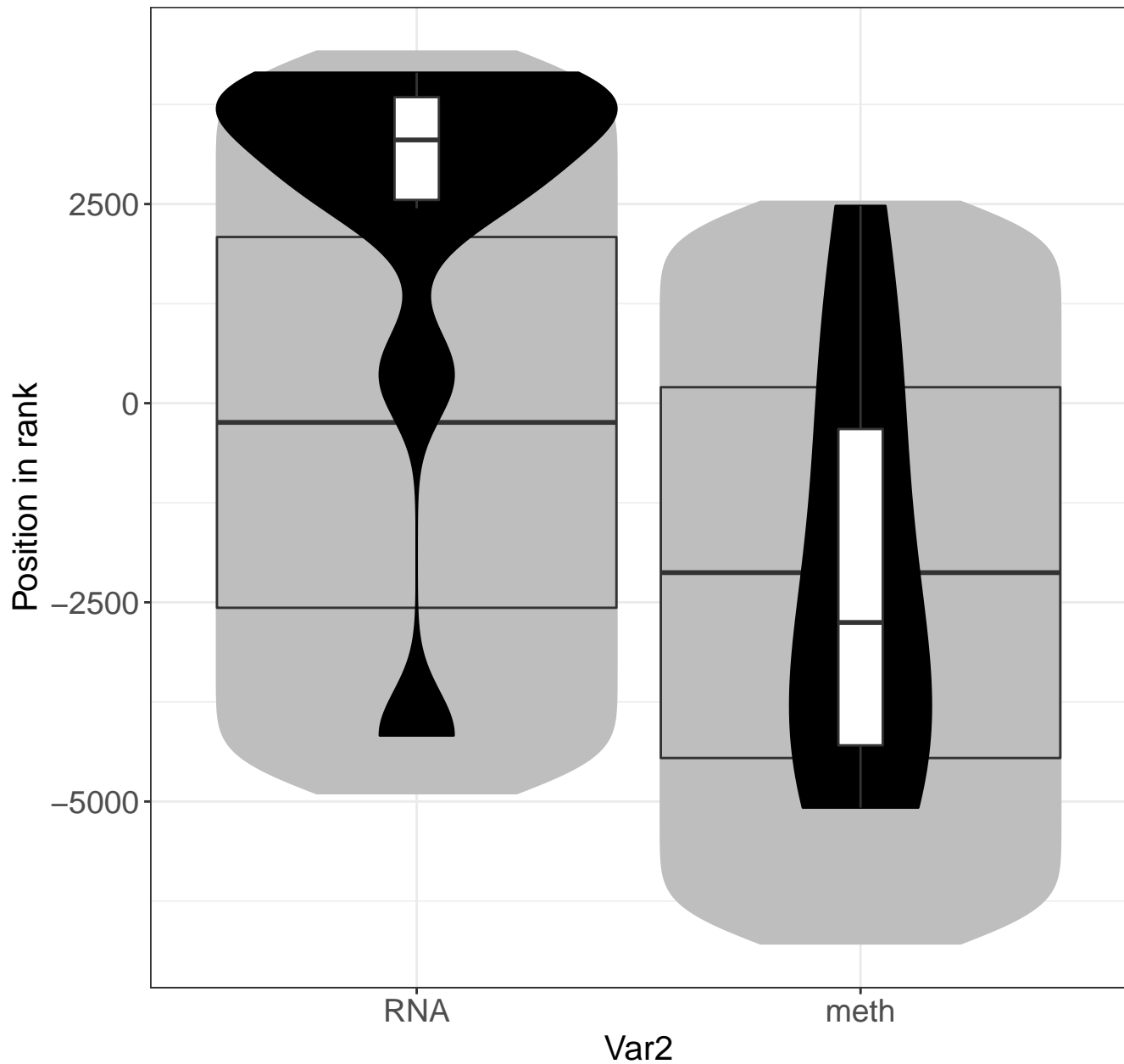
WNT5A-dependent internalization of FZD4



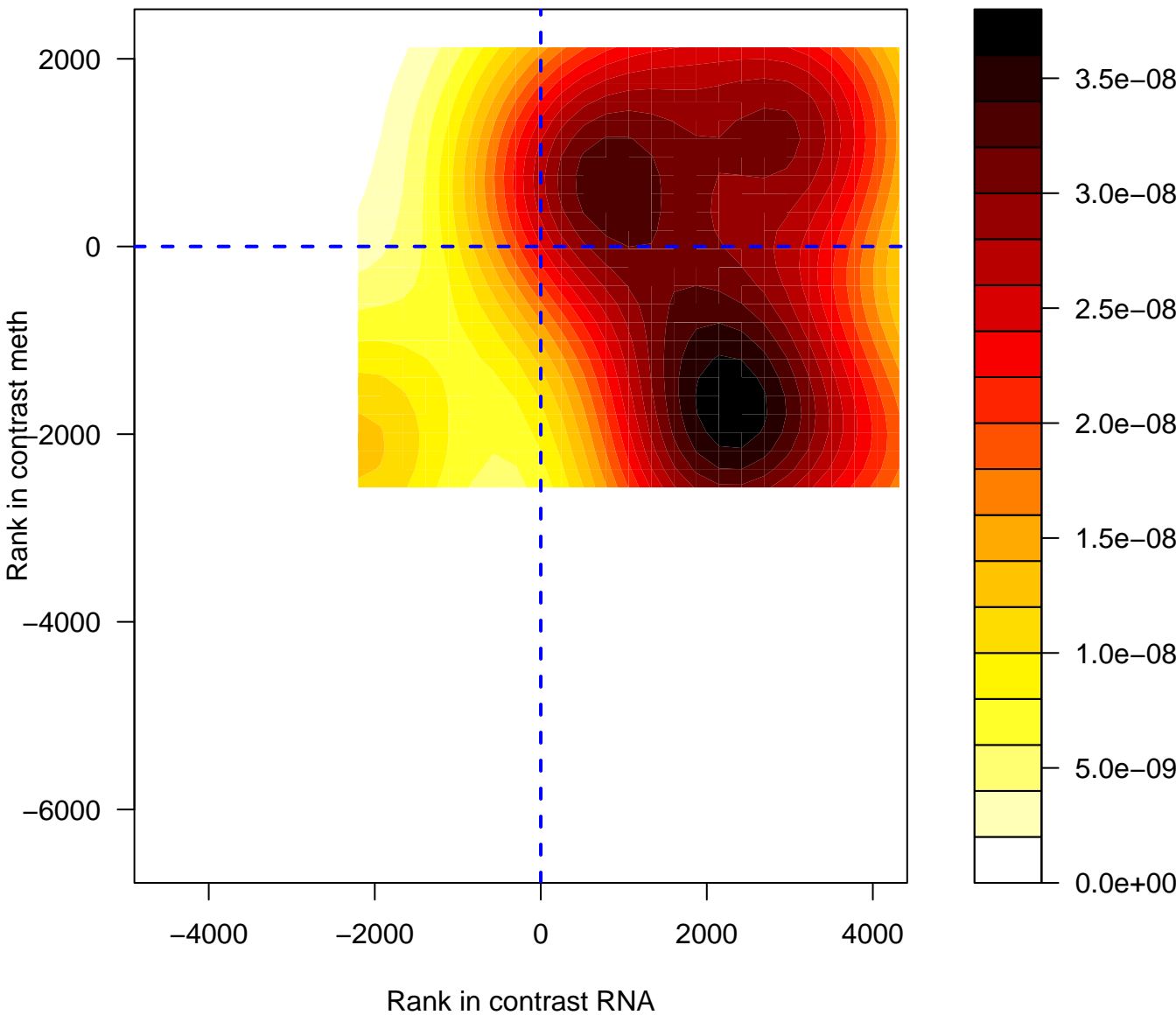
WNT5A-dependent internalization of FZD4



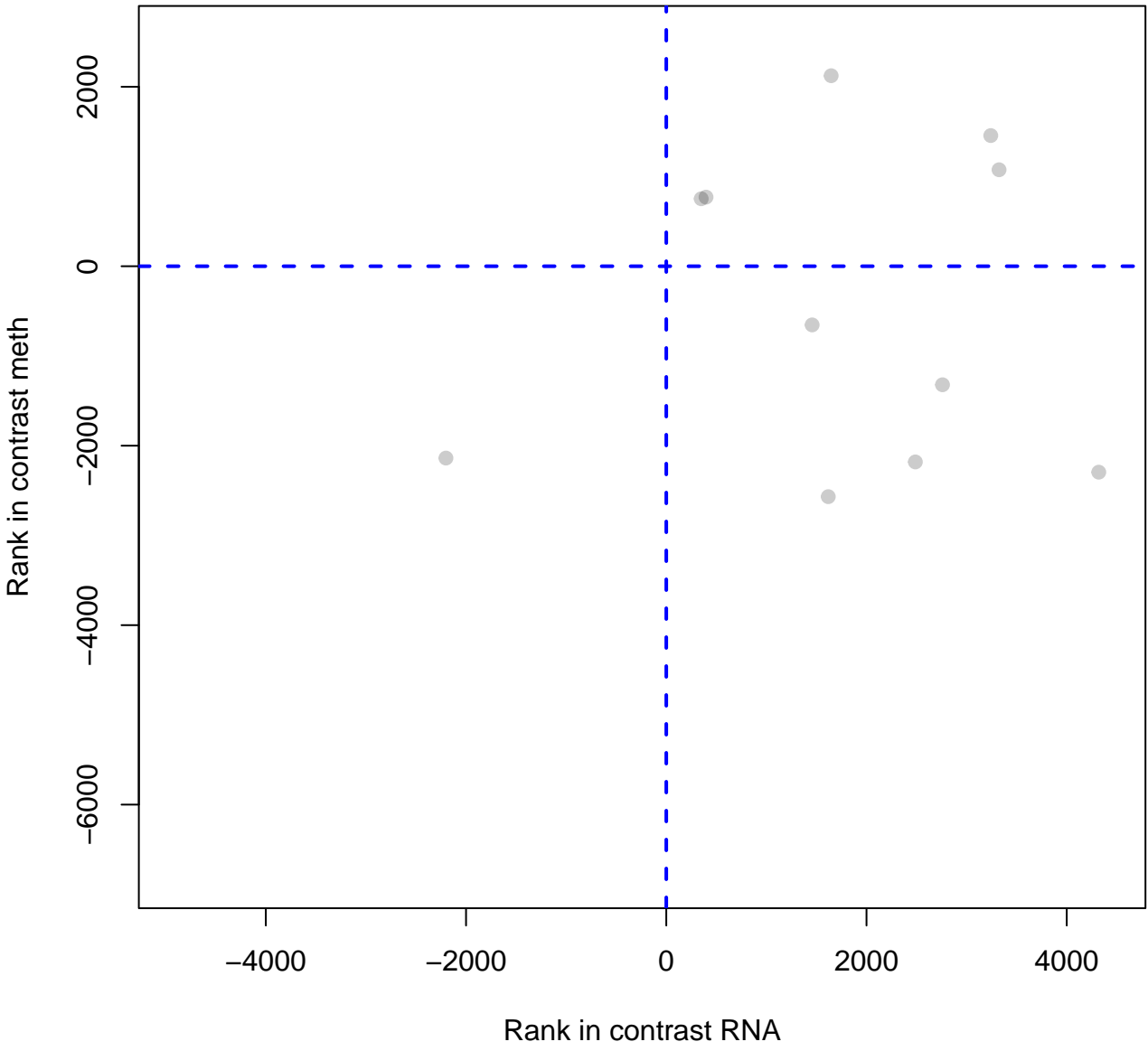
WNT5A-dependent internalization of FZD4



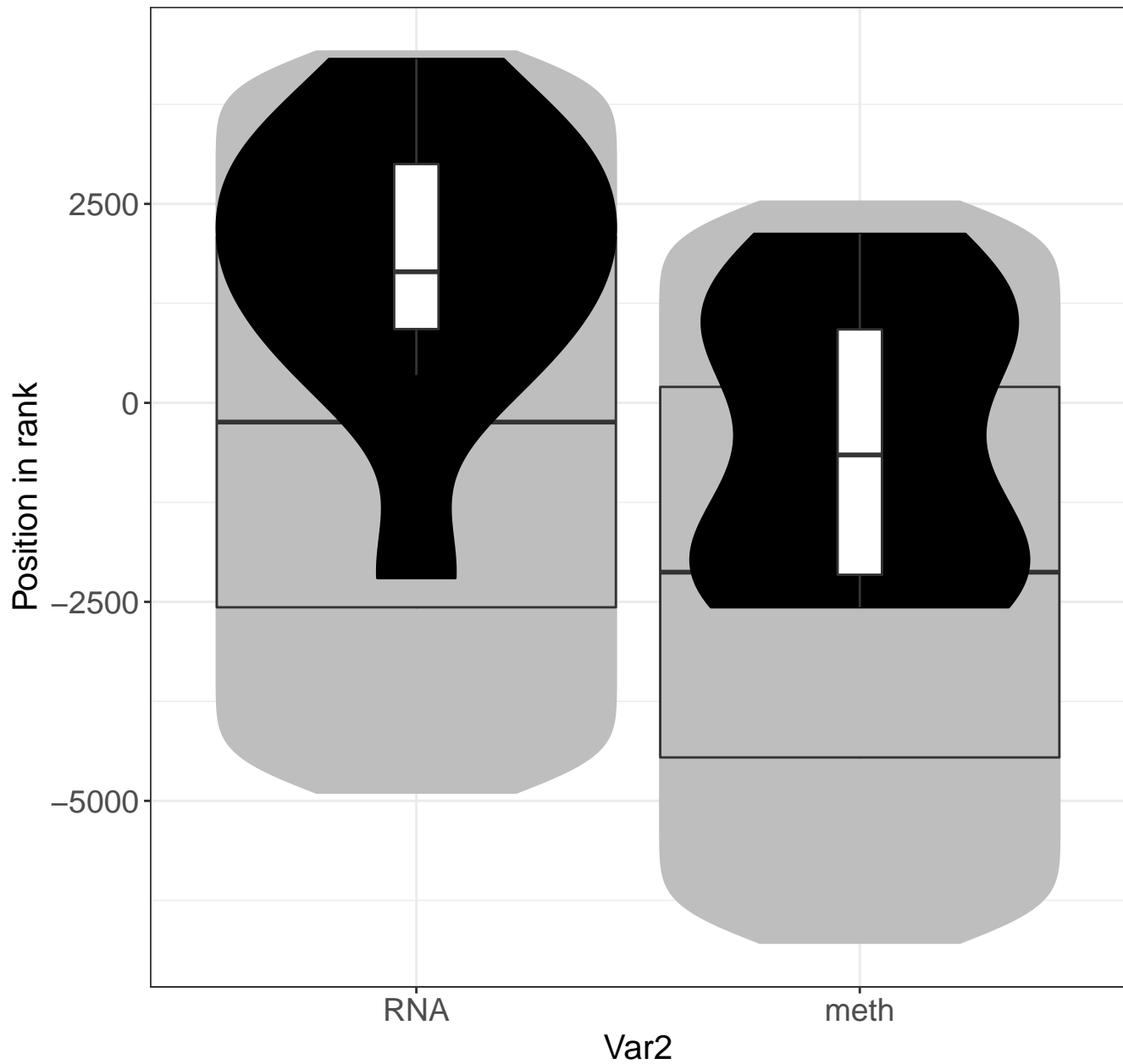
InIB-mediated entry of *Listeria monocytogenes* into host



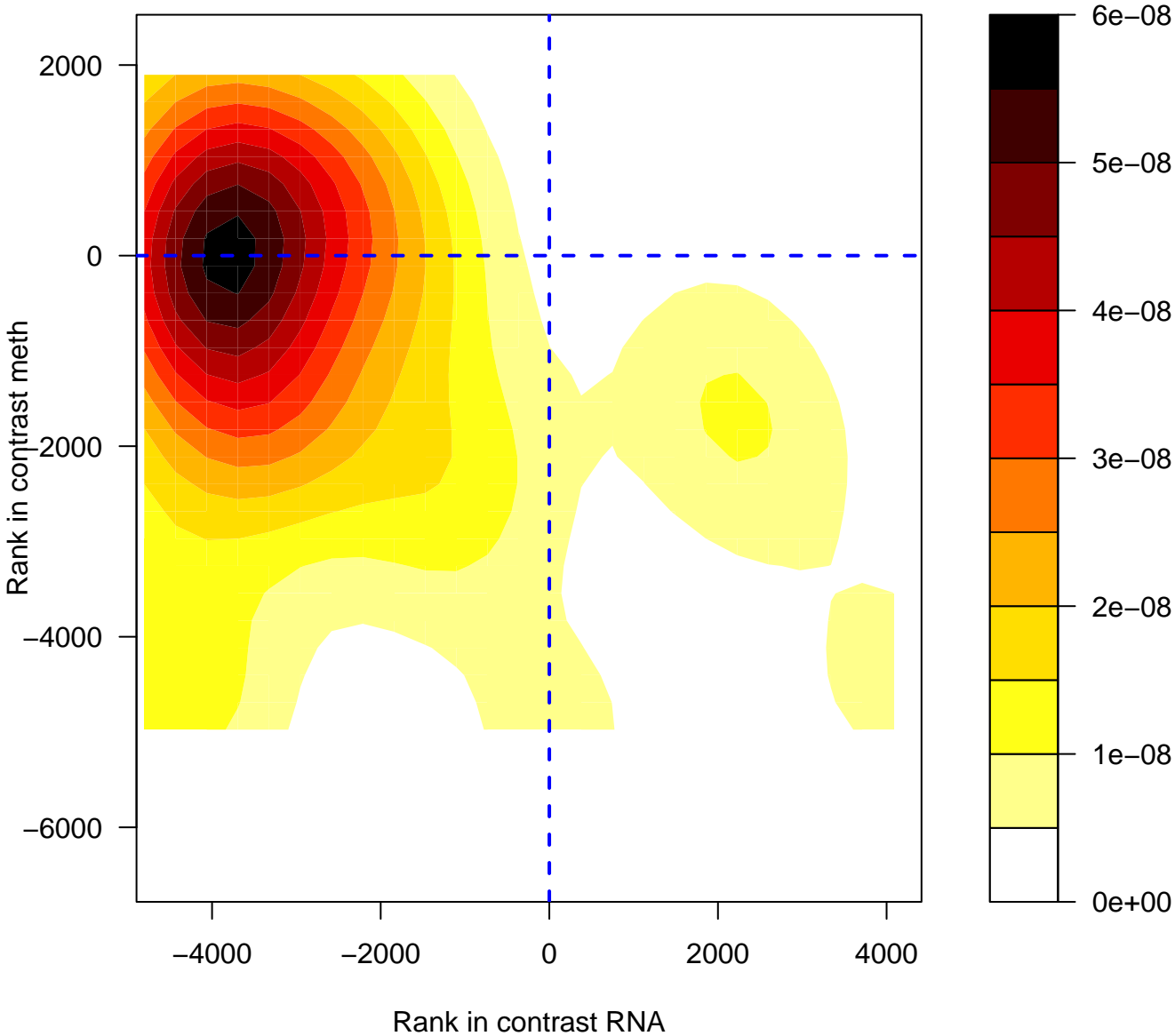
InIB-mediated entry of *Listeria monocytogenes* into host cell



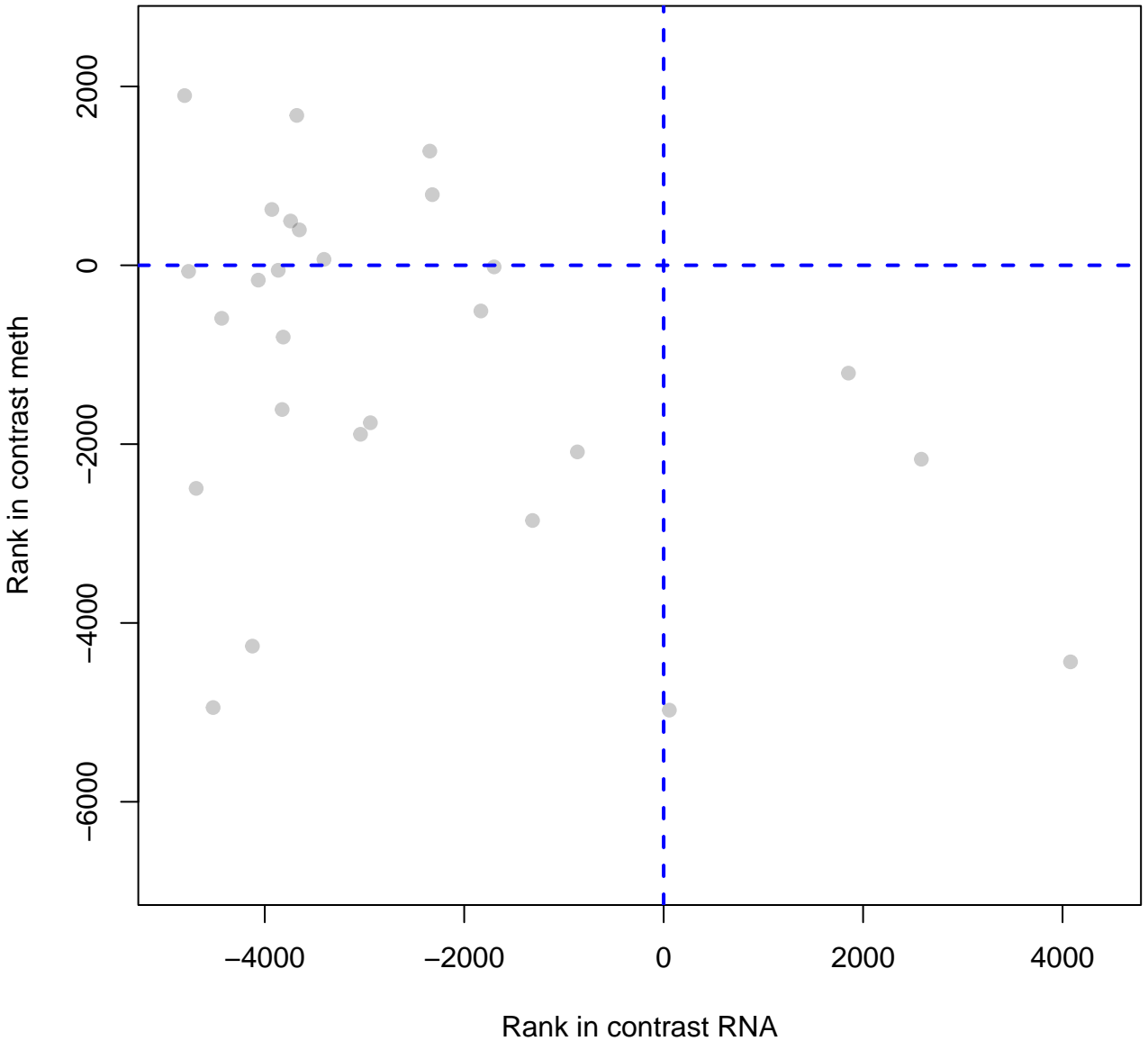
InIB-mediated entry of *Listeria monocytogenes* in



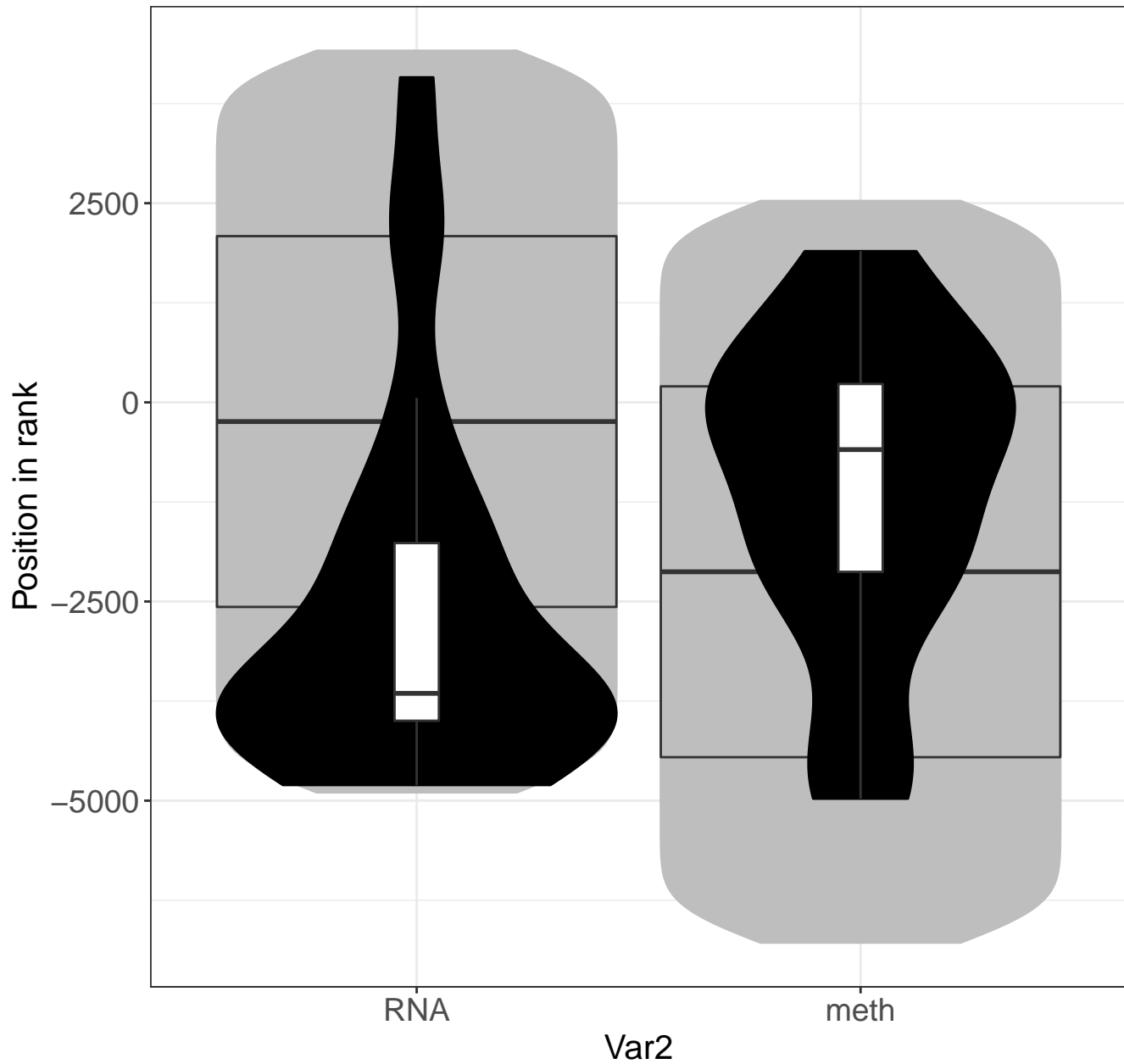
DNA strand elongation



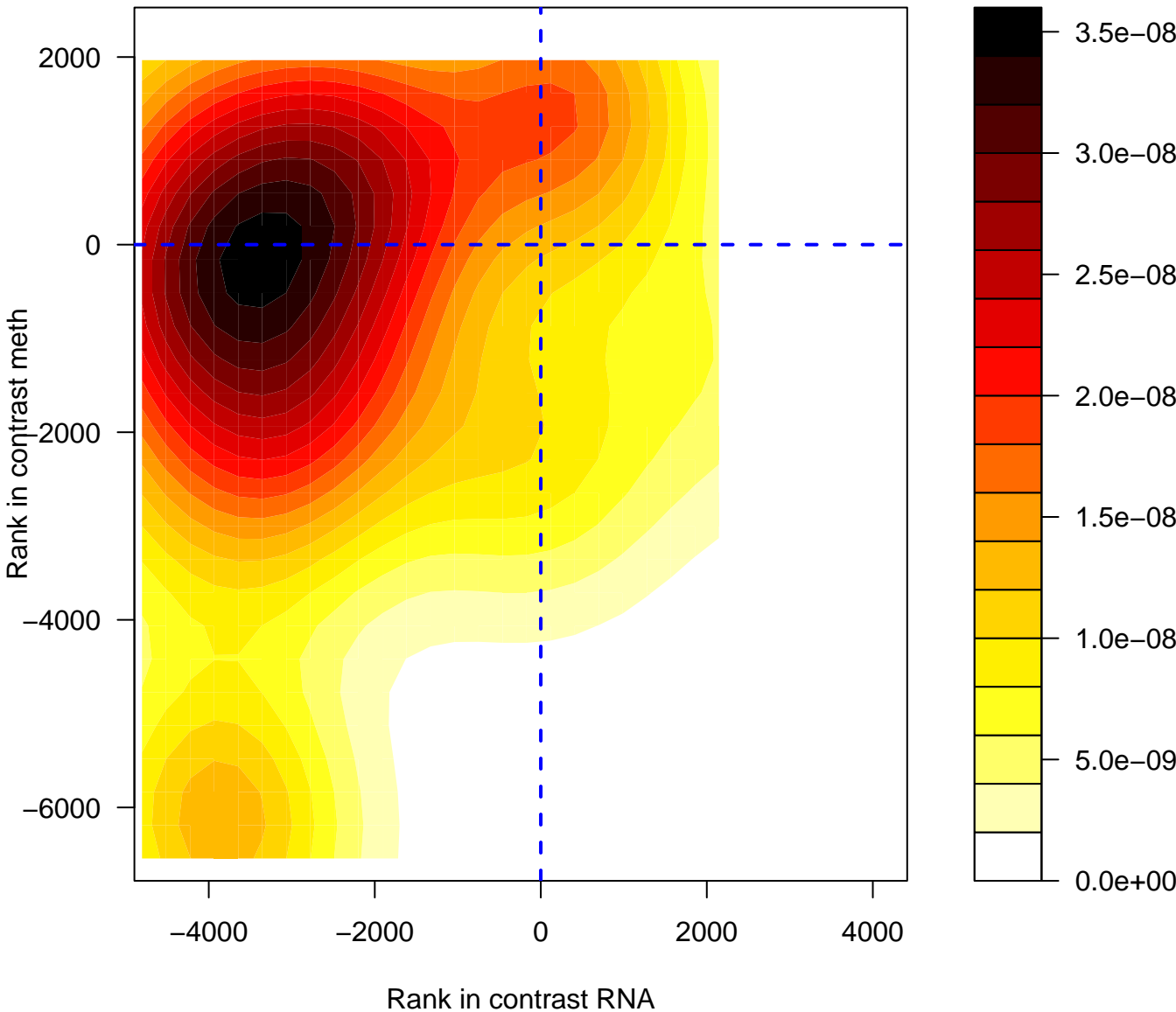
DNA strand elongation



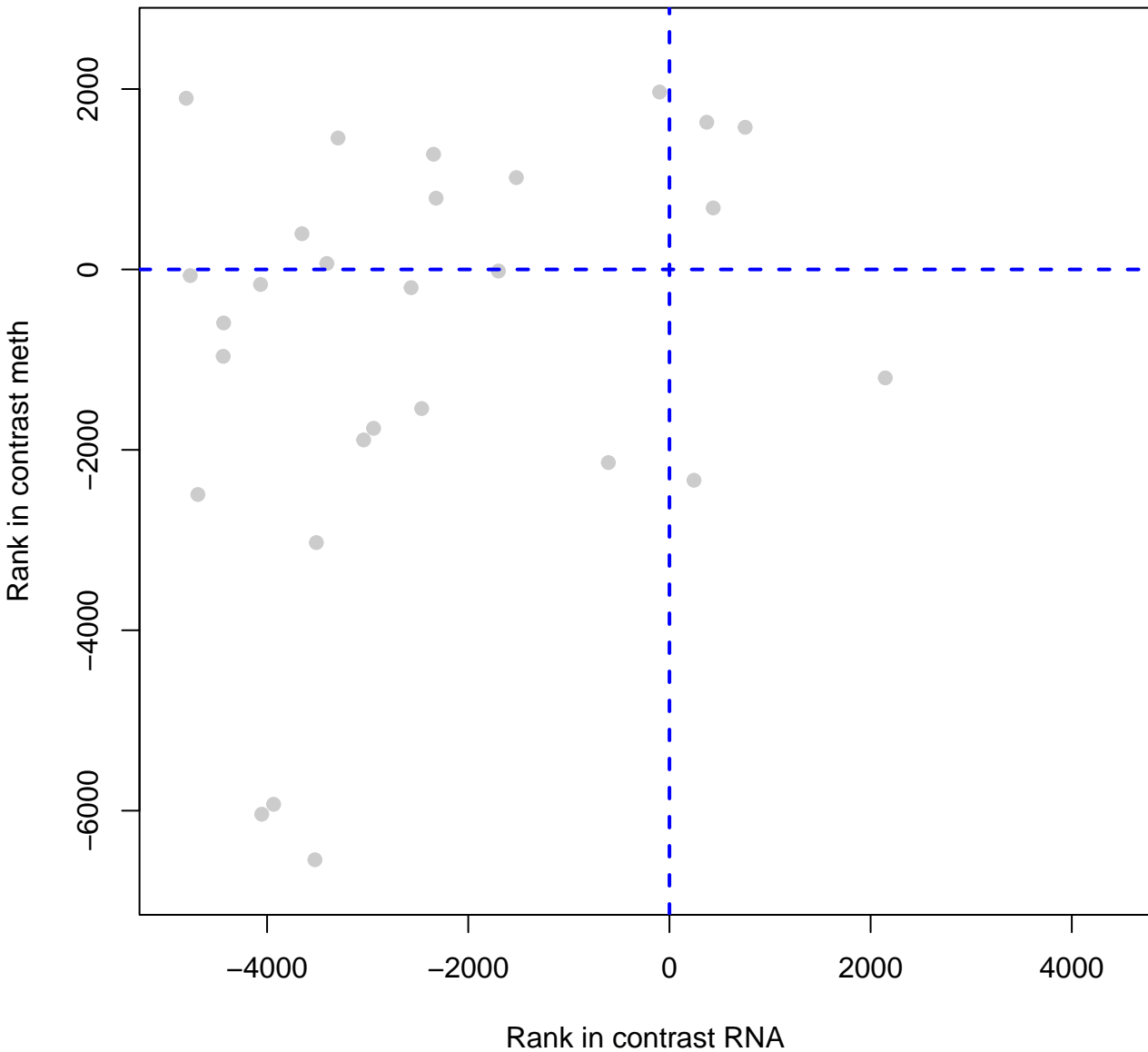
DNA strand elongation



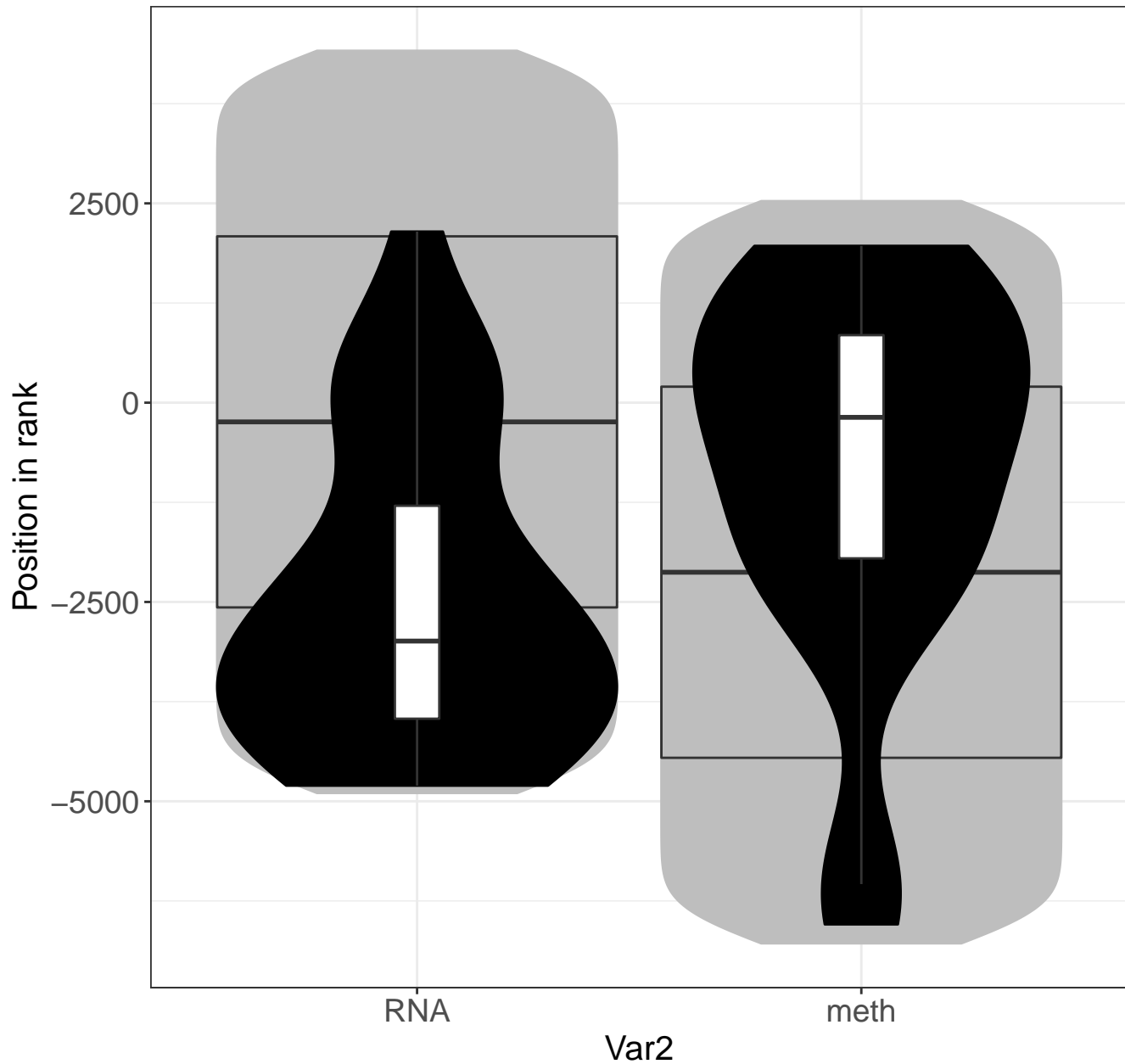
Activation of the pre-replicative complex



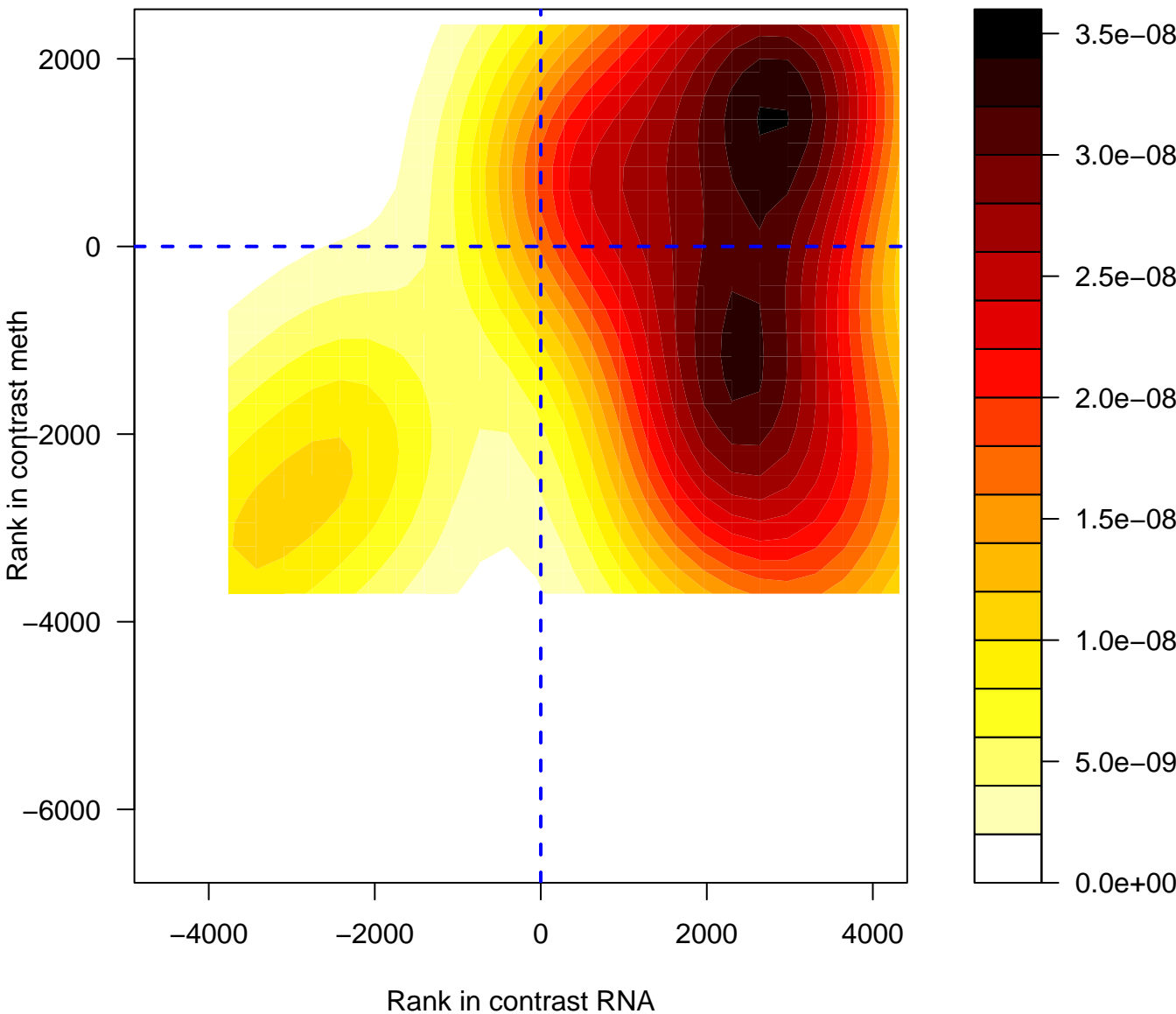
Activation of the pre-replicative complex



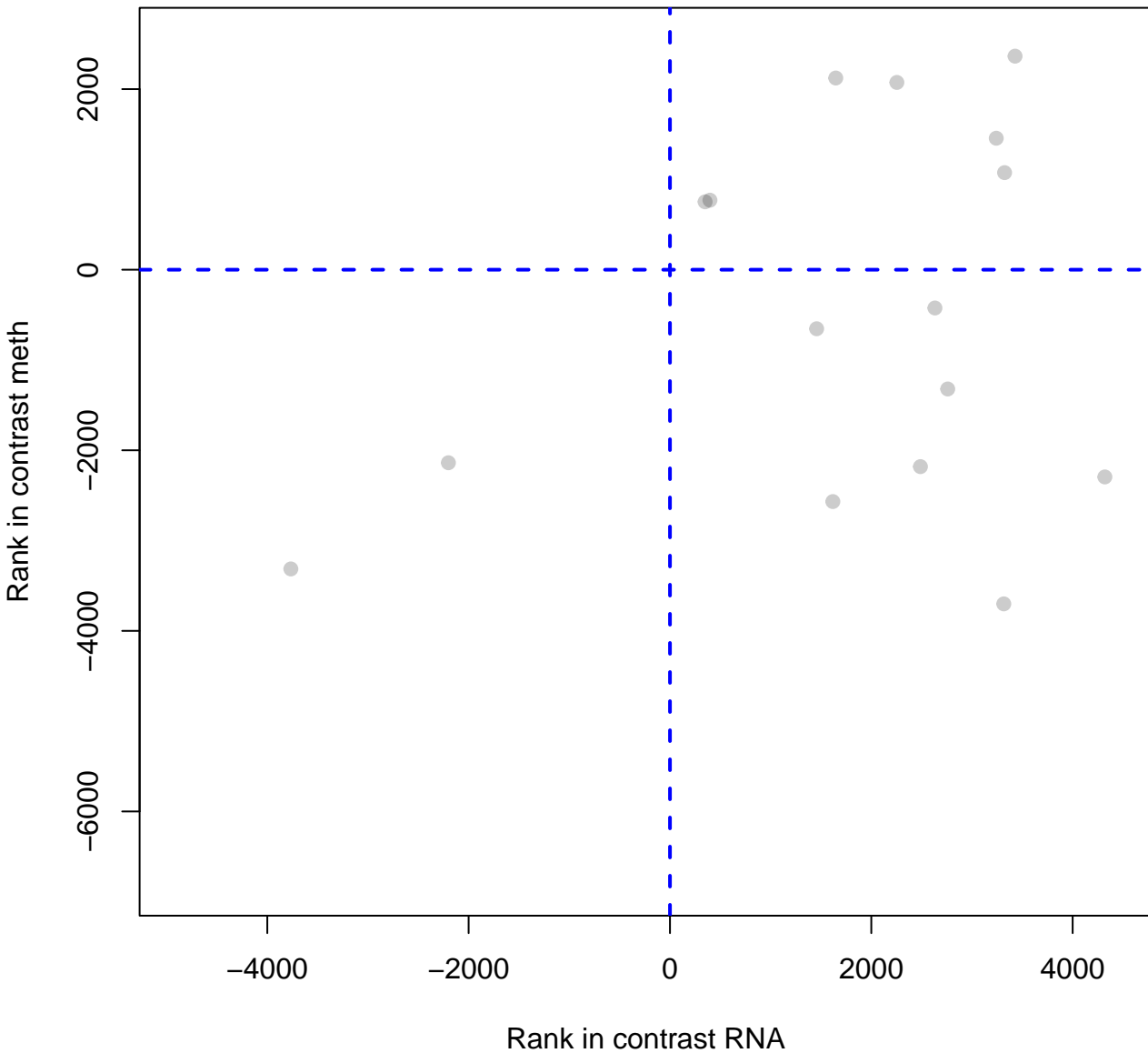
Activation of the pre-replicative complex



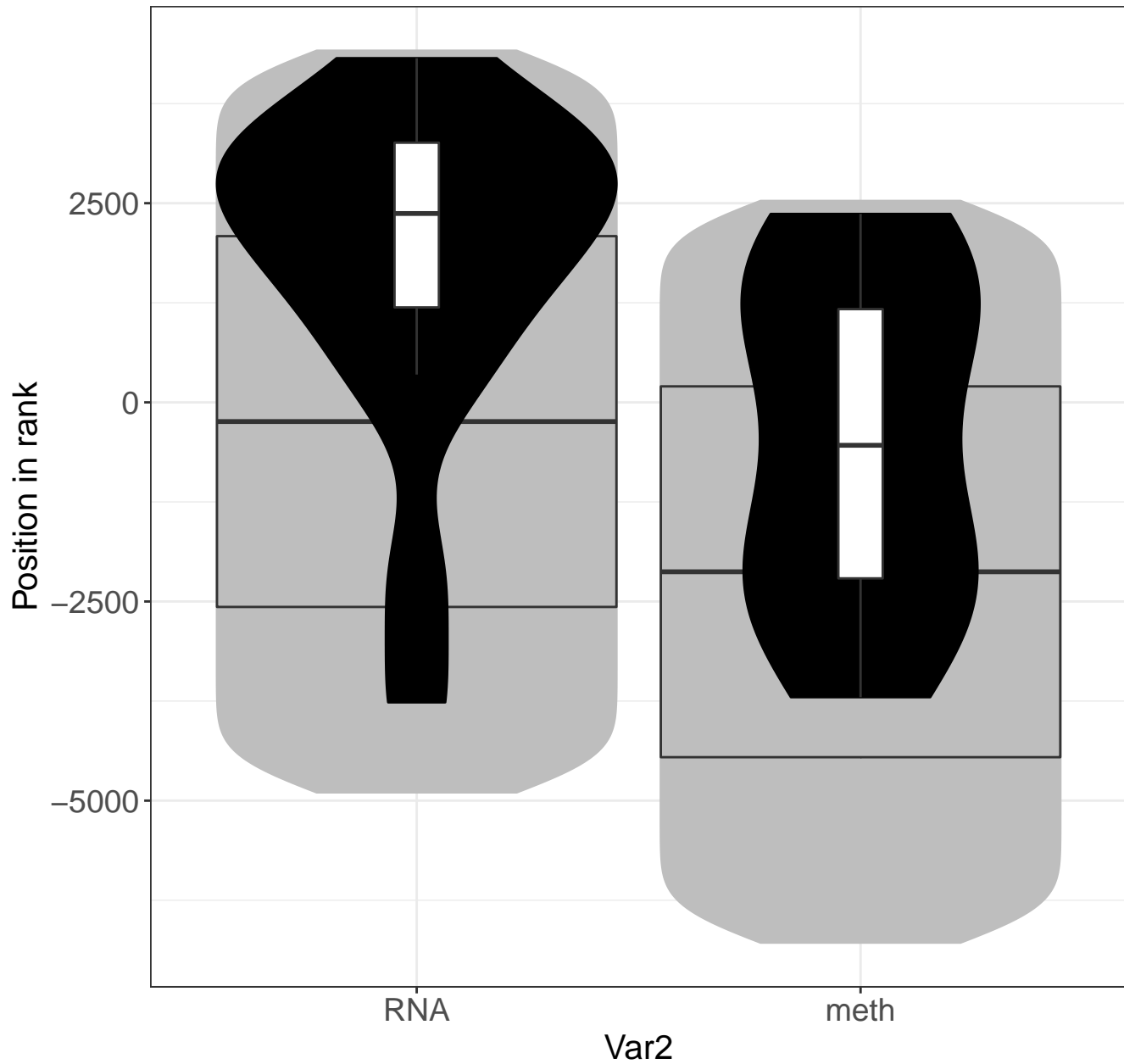
Negative regulation of MET activity



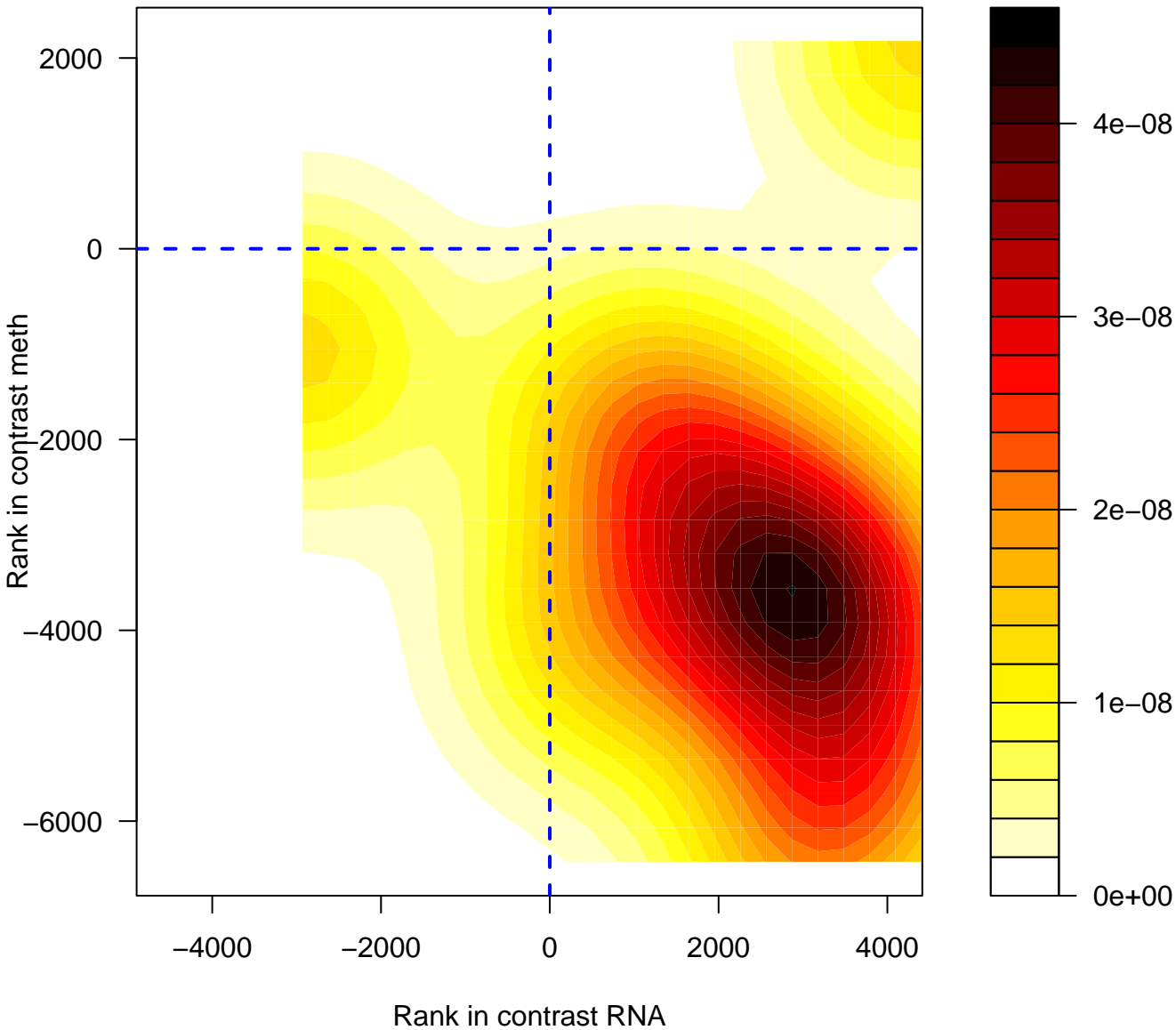
Negative regulation of MET activity



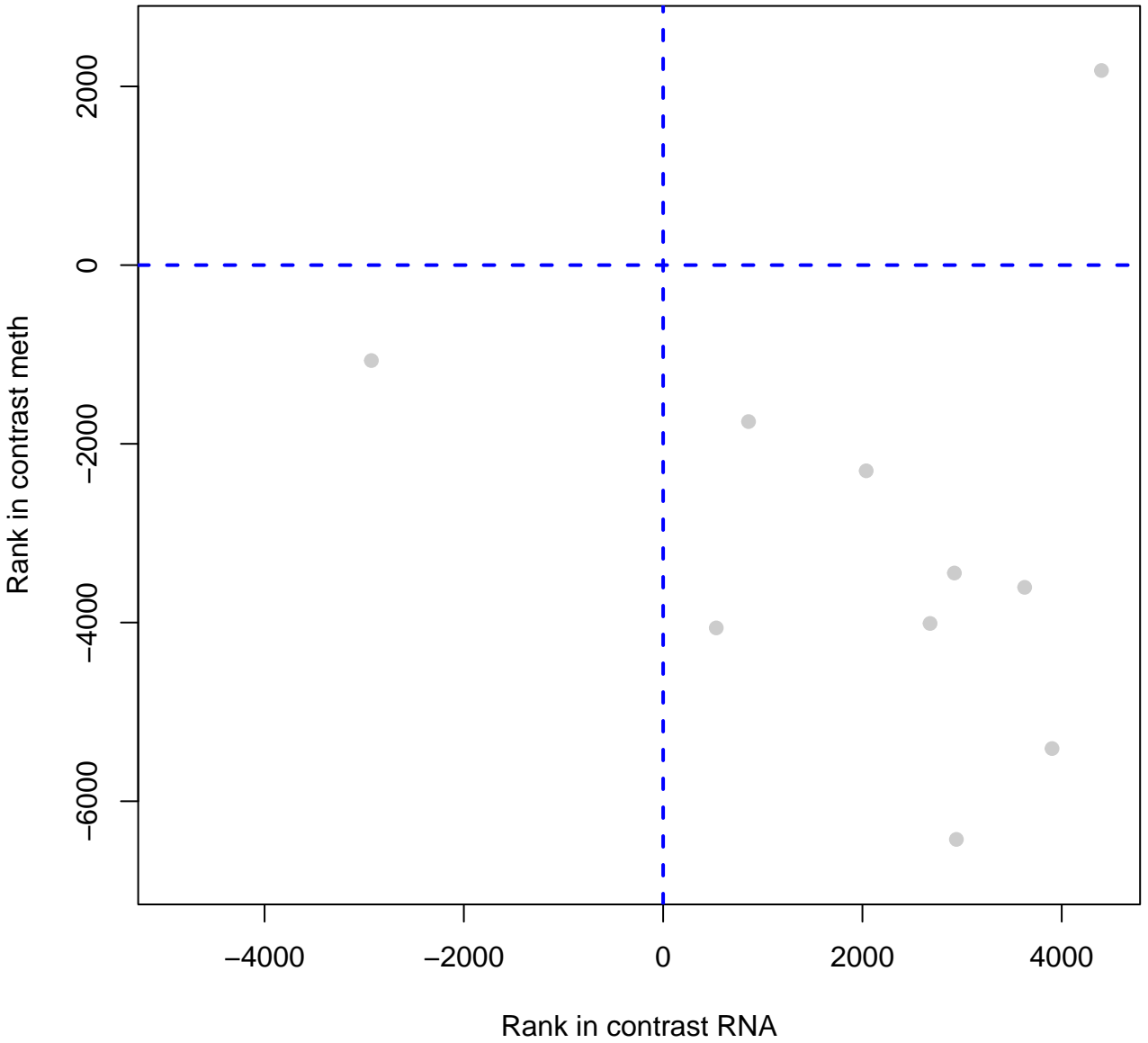
Negative regulation of MET activity



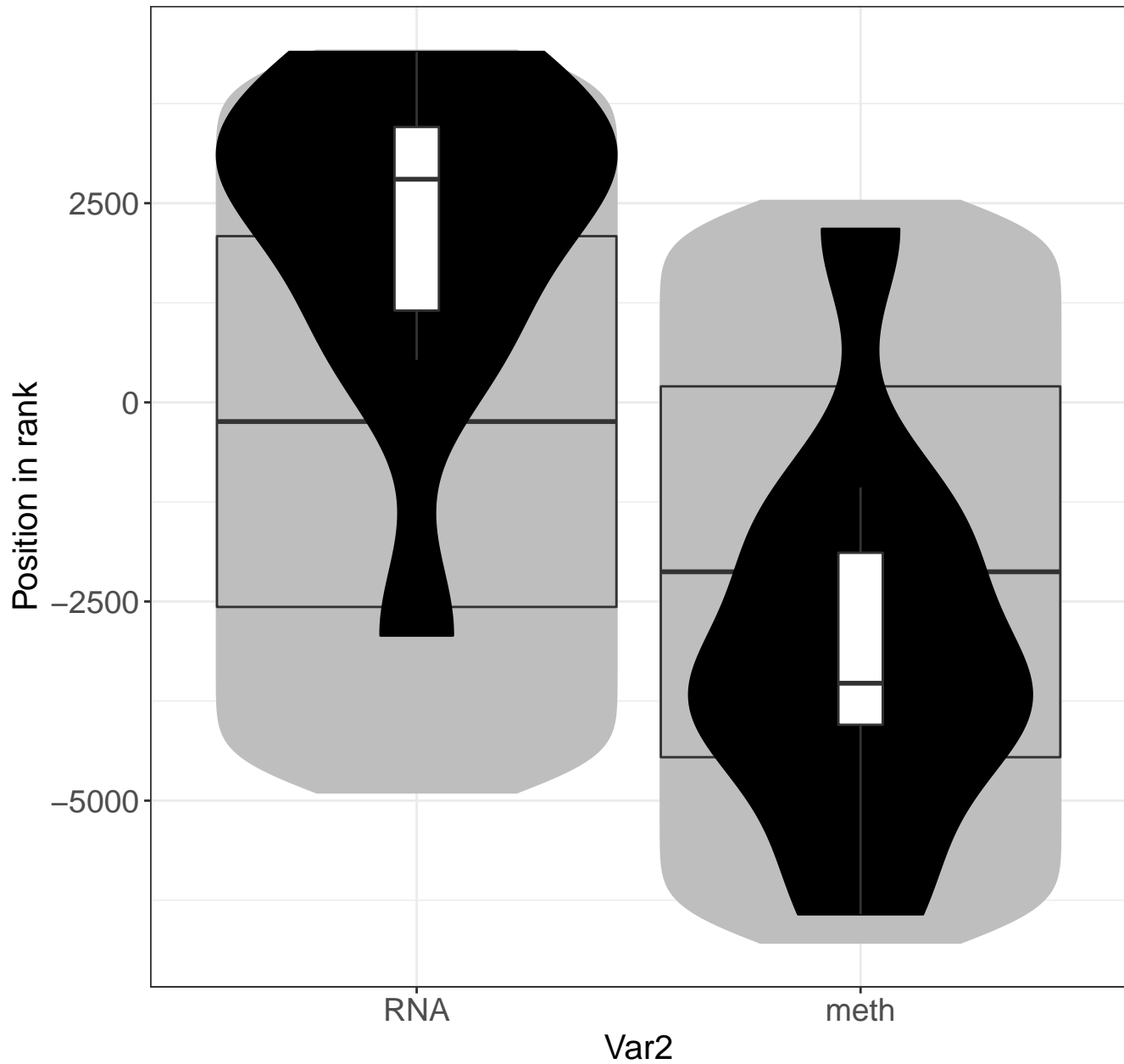
Signaling by Leptin



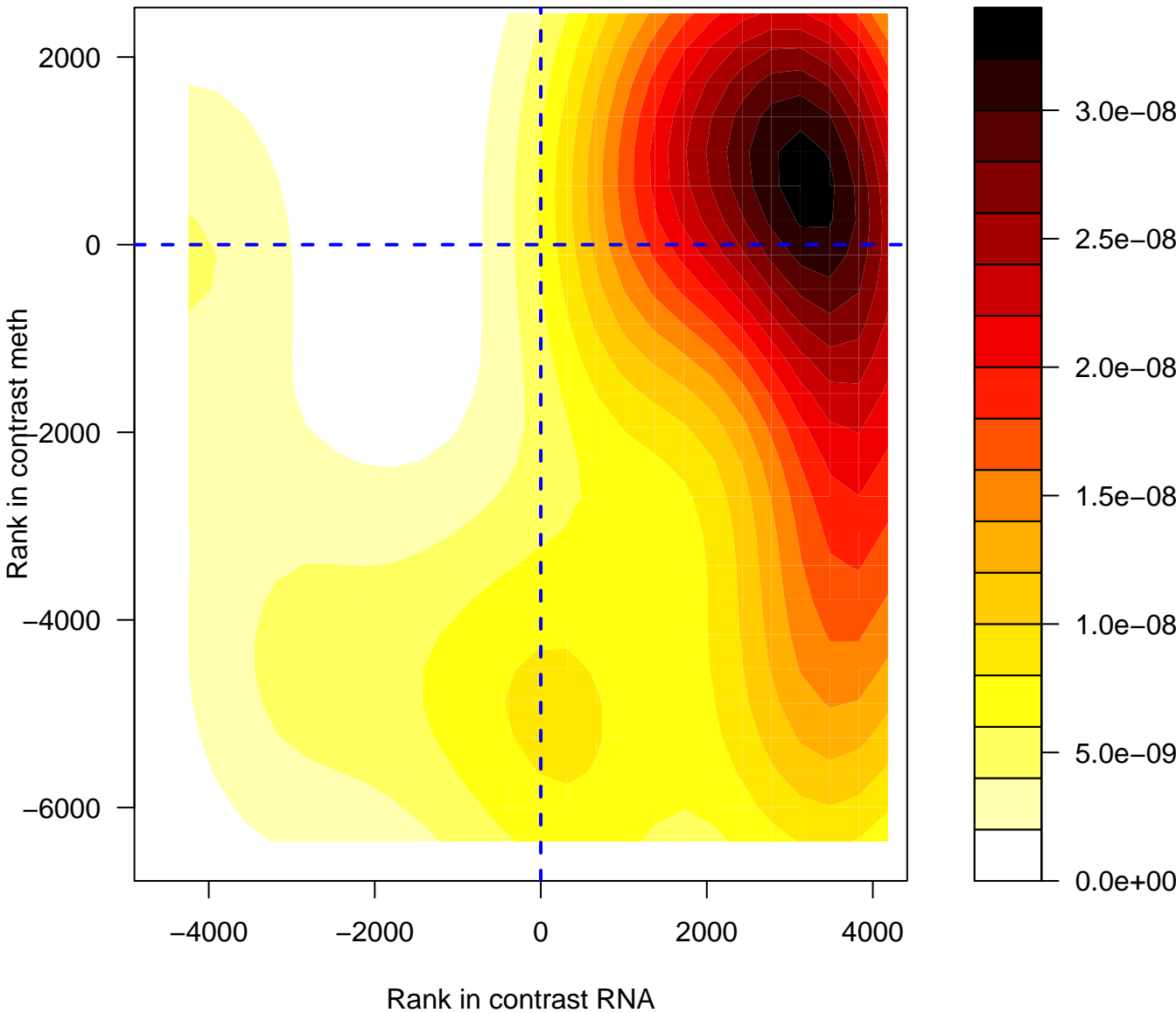
Signaling by Leptin



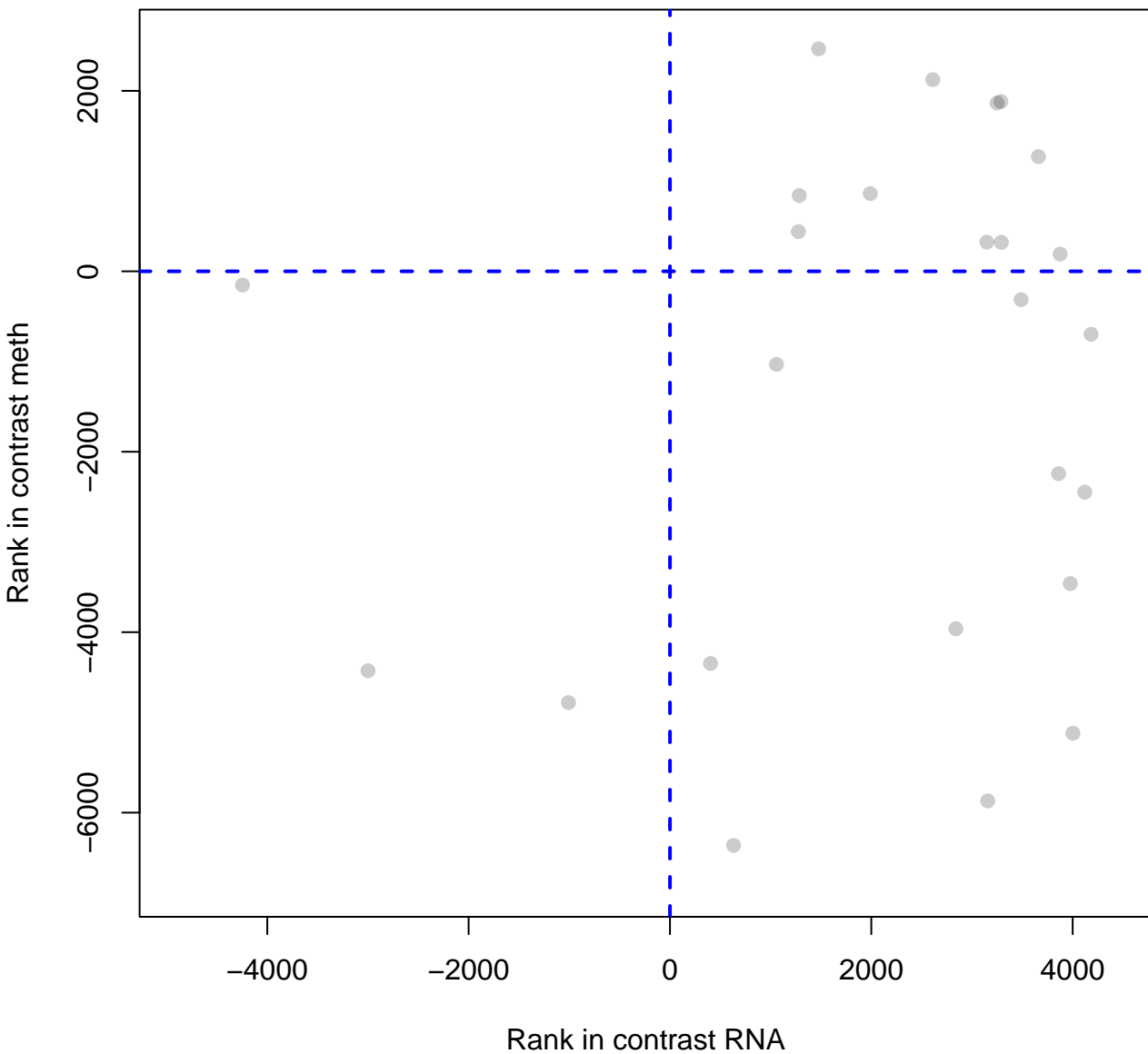
Signaling by Leptin



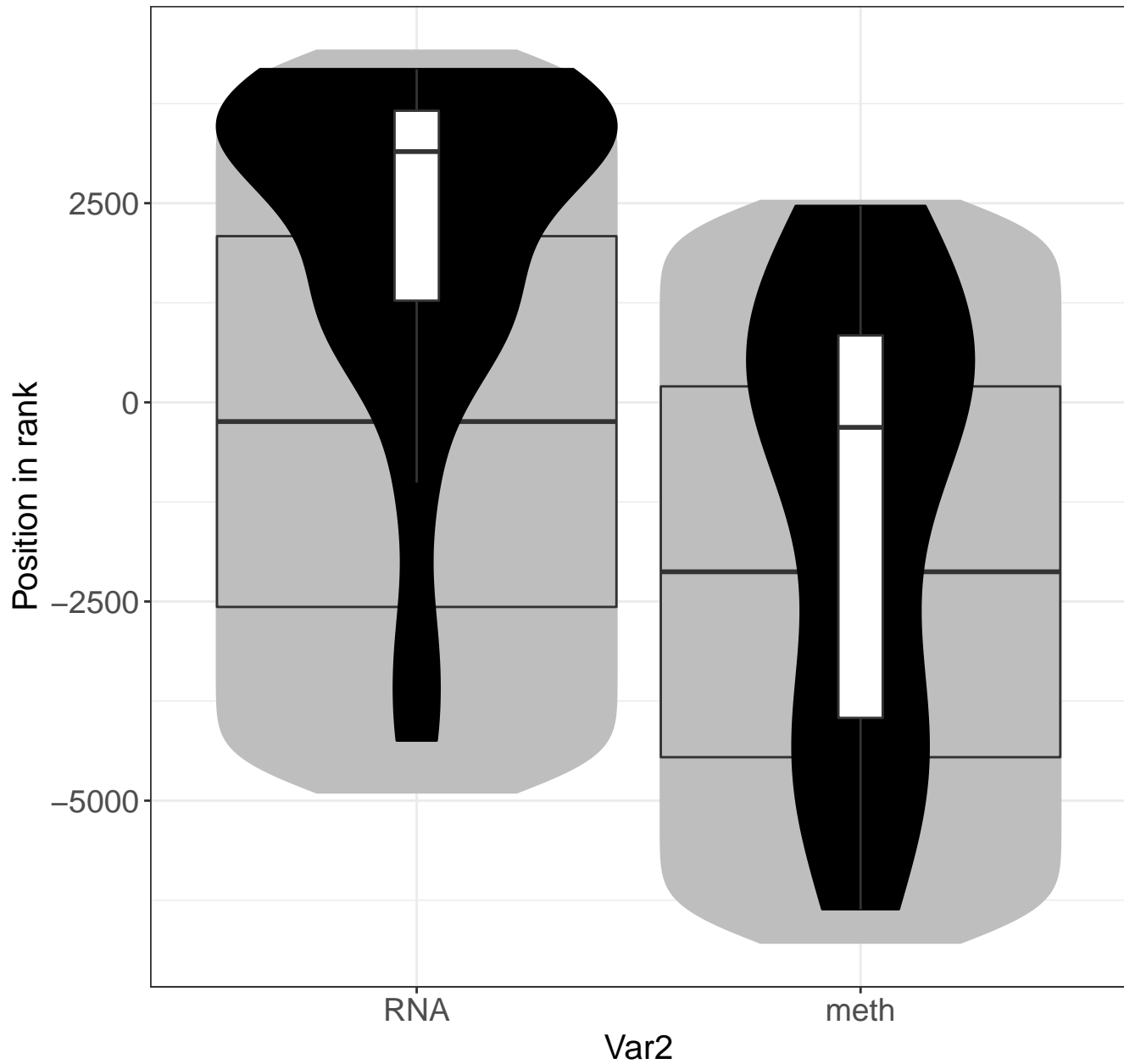
MAP2K and MAPK activation



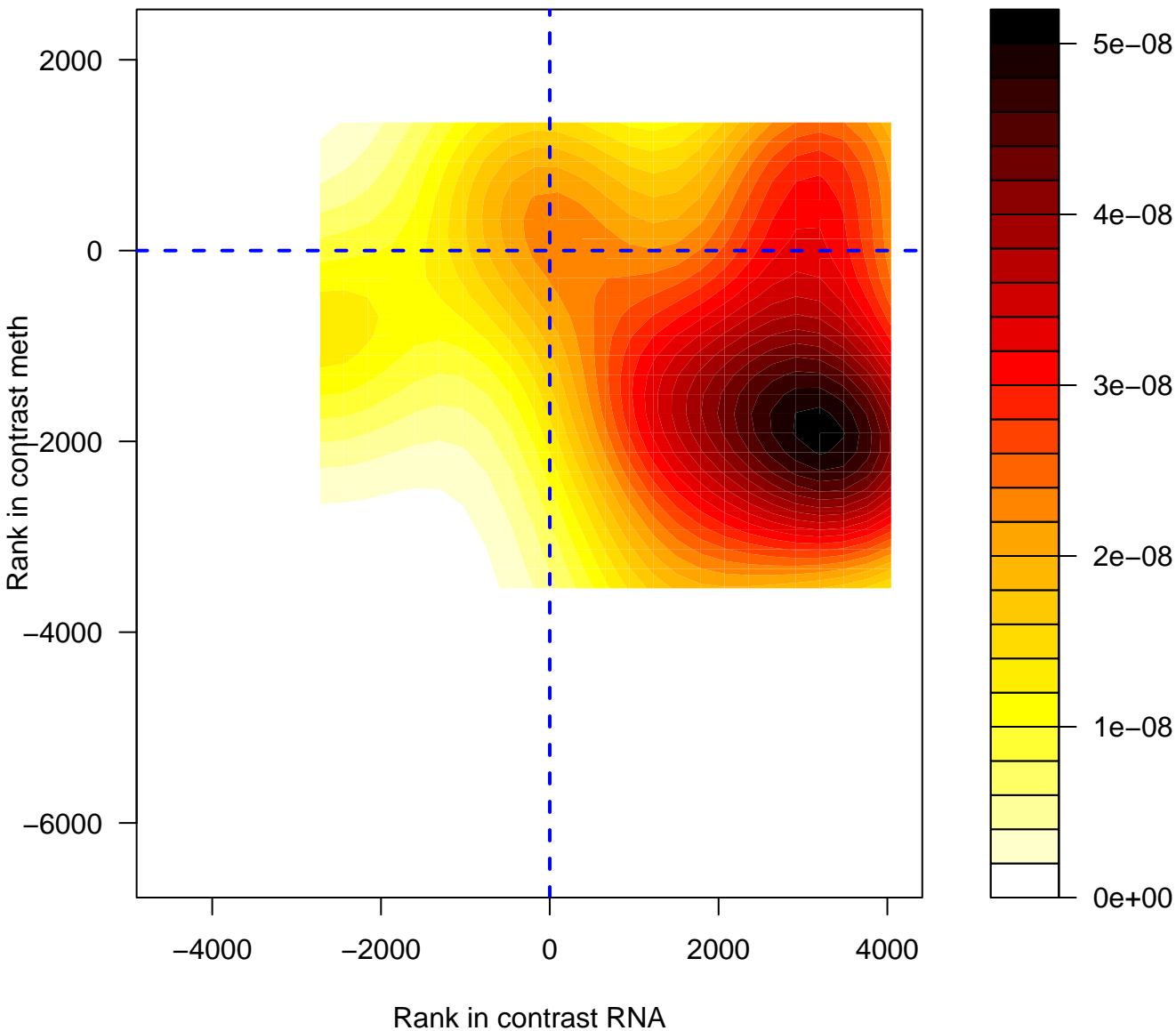
MAP2K and MAPK activation



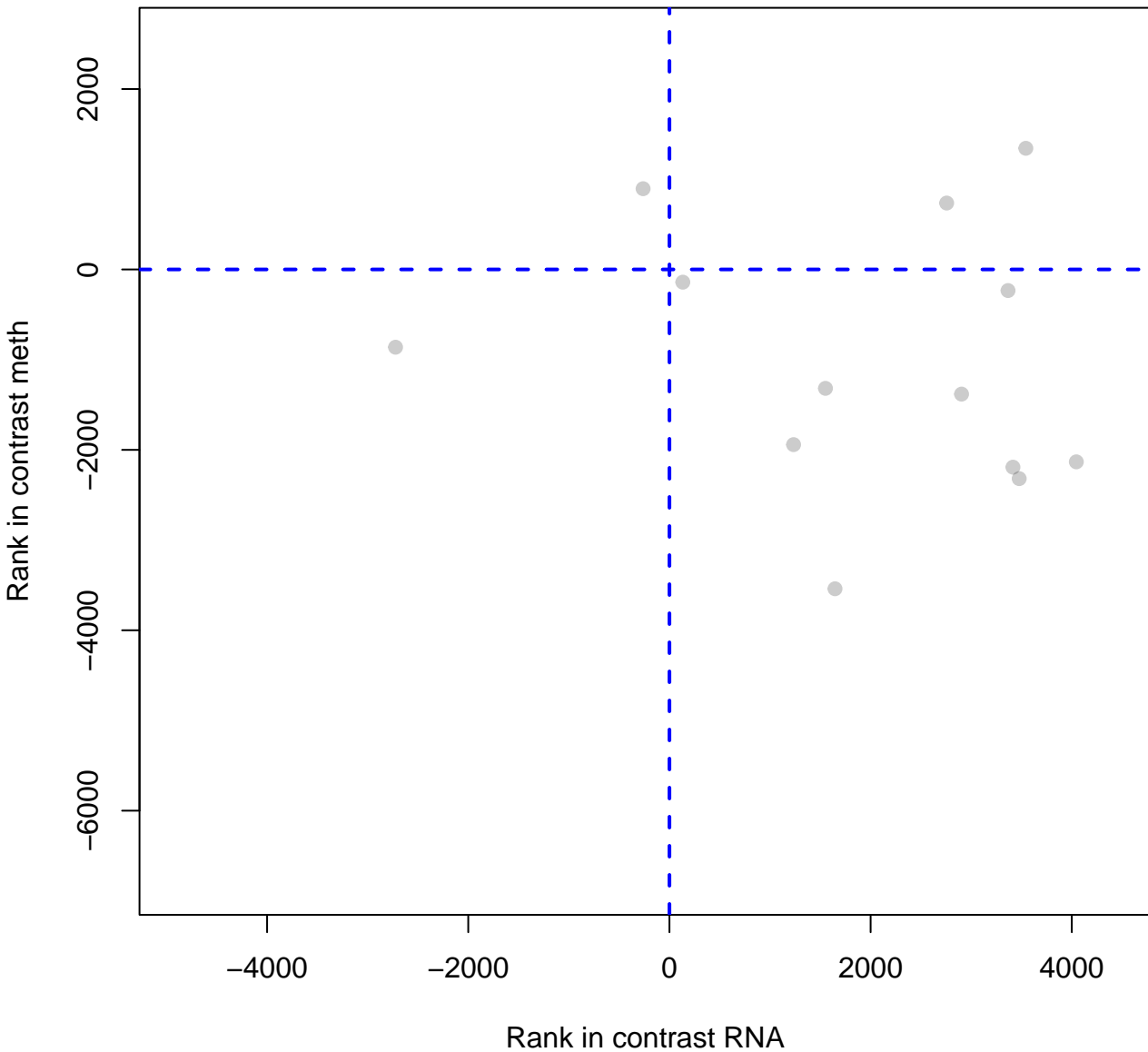
MAP2K and MAPK activation



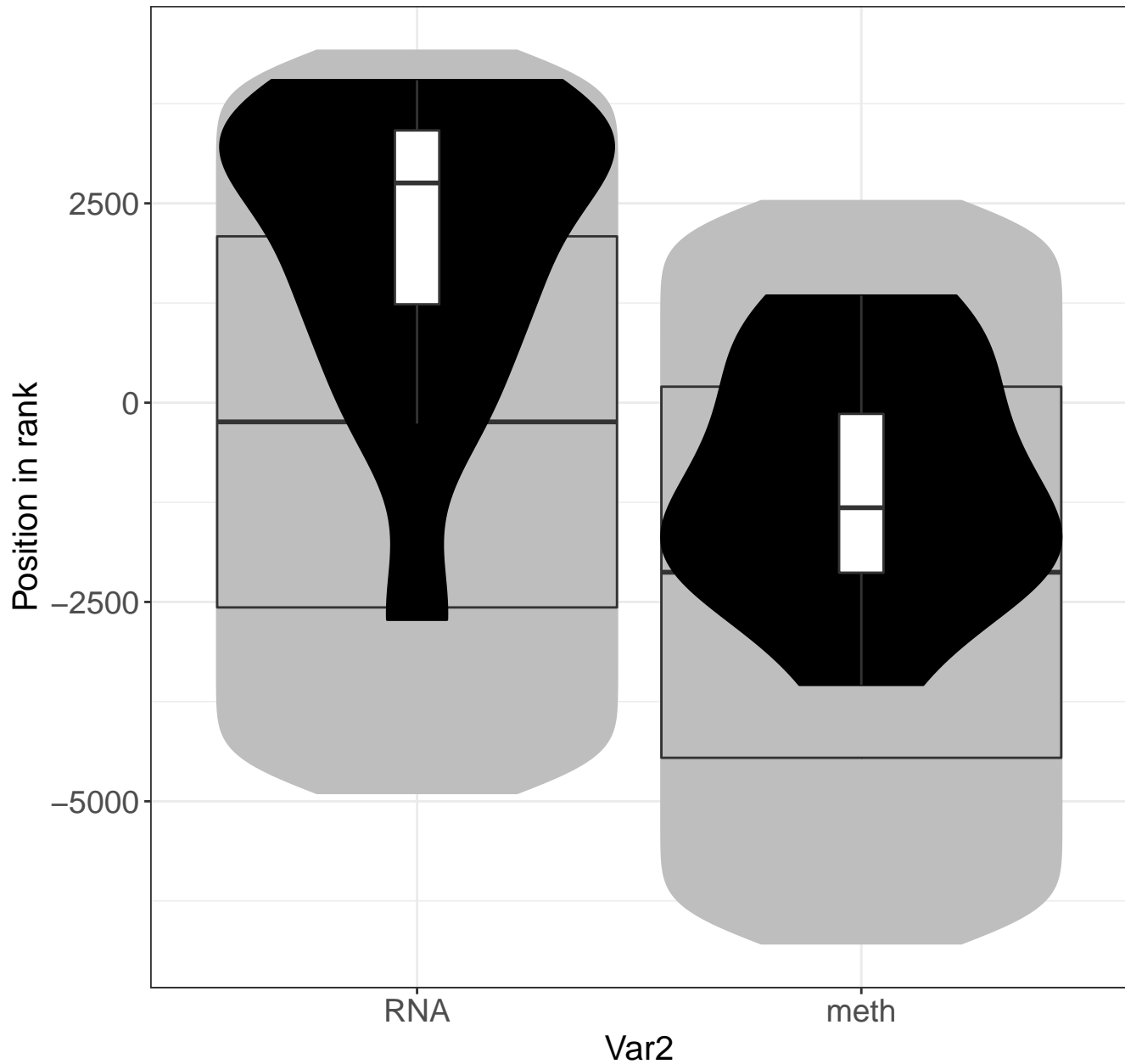
AKT phosphorylates targets in the cytosol



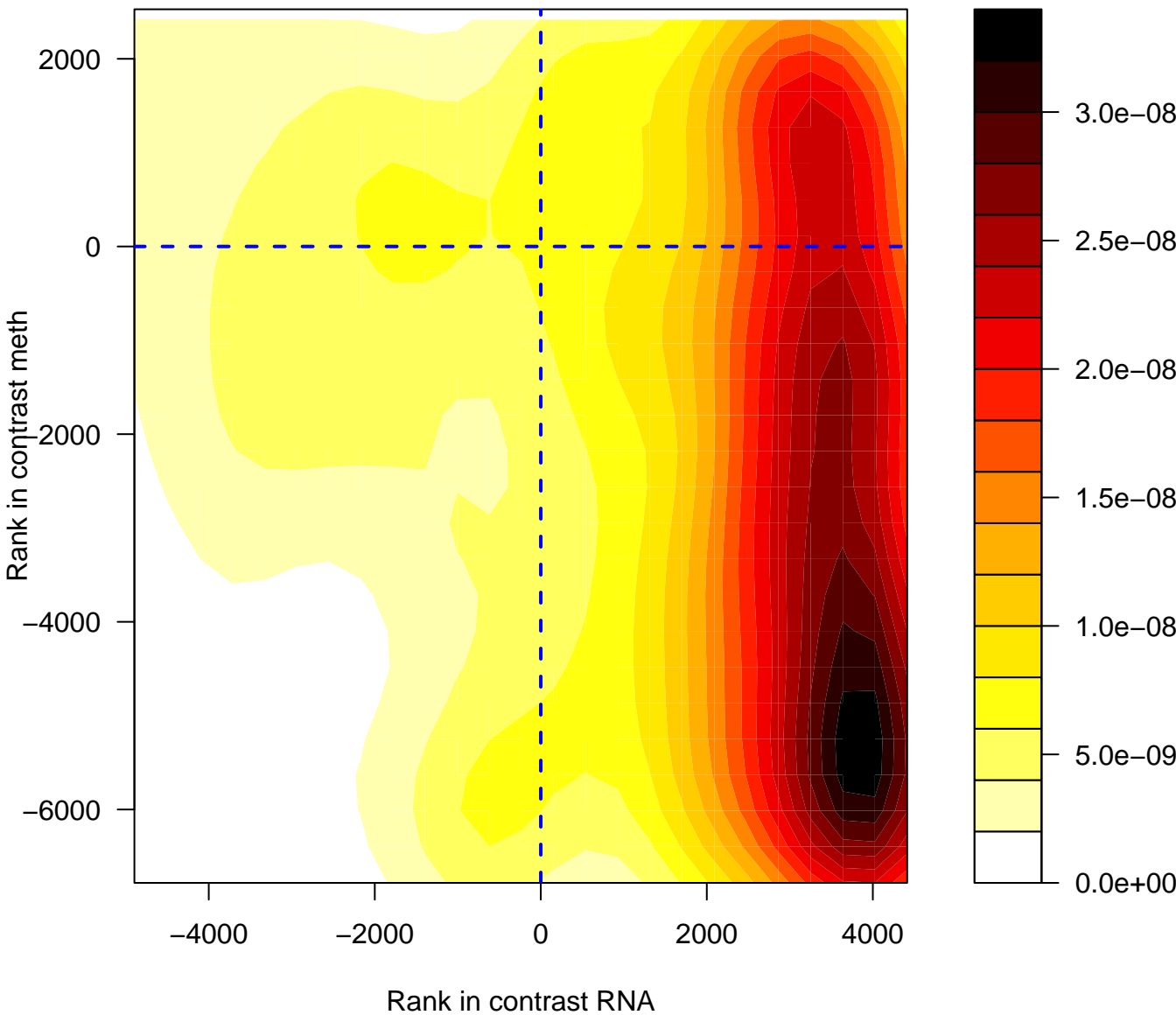
AKT phosphorylates targets in the cytosol



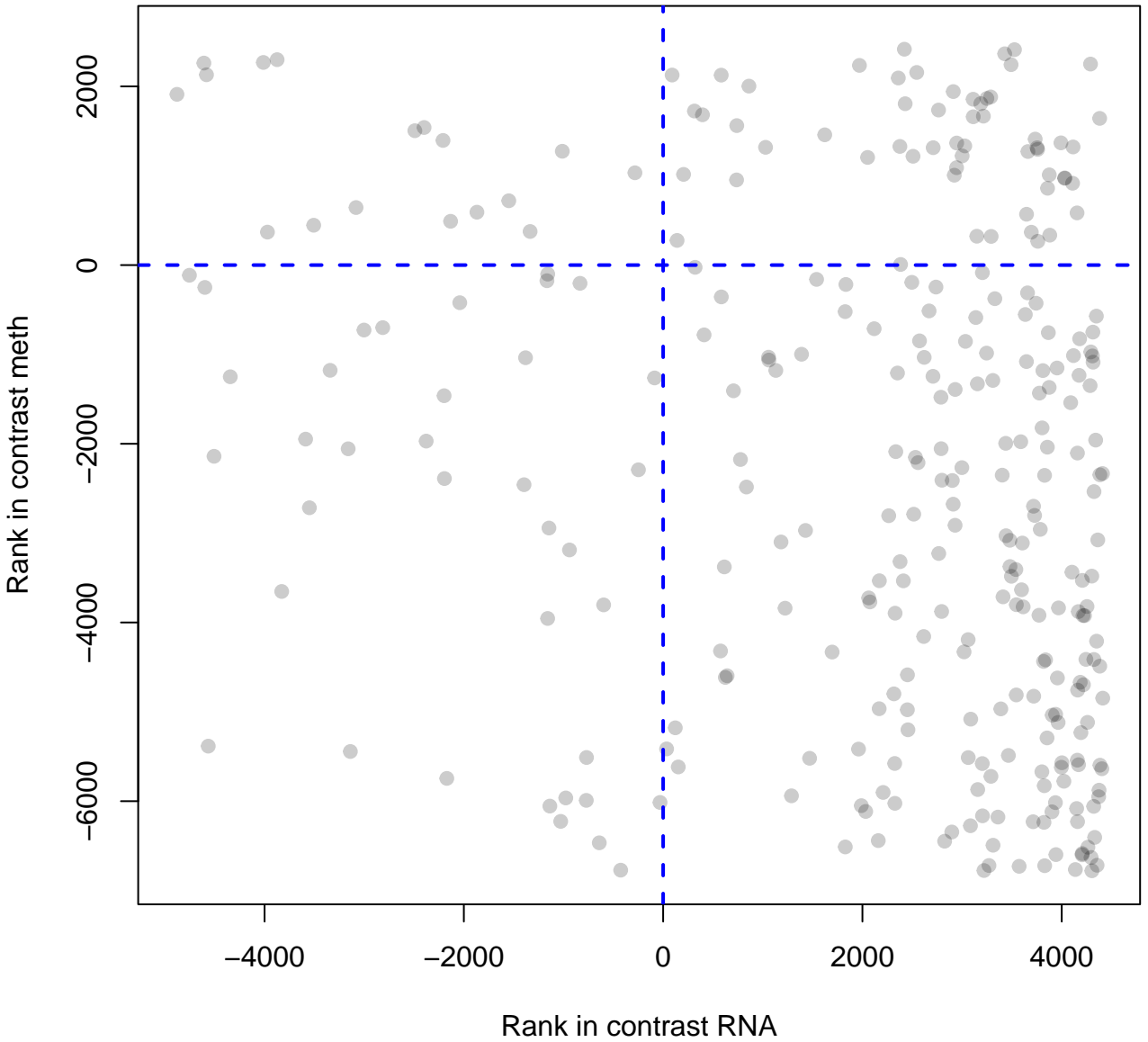
AKT phosphorylates targets in the cytosol



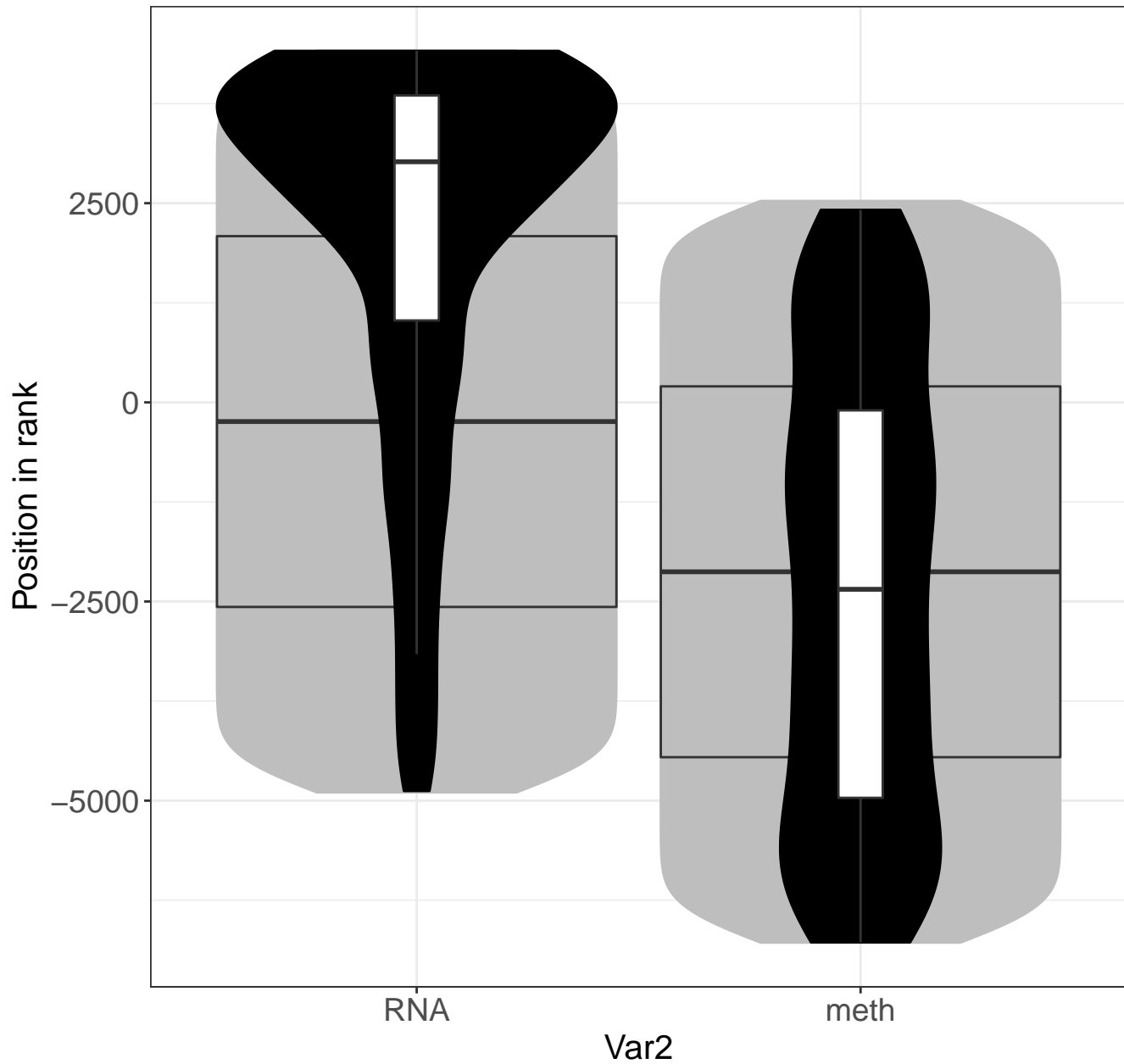
Neutrophil degranulation



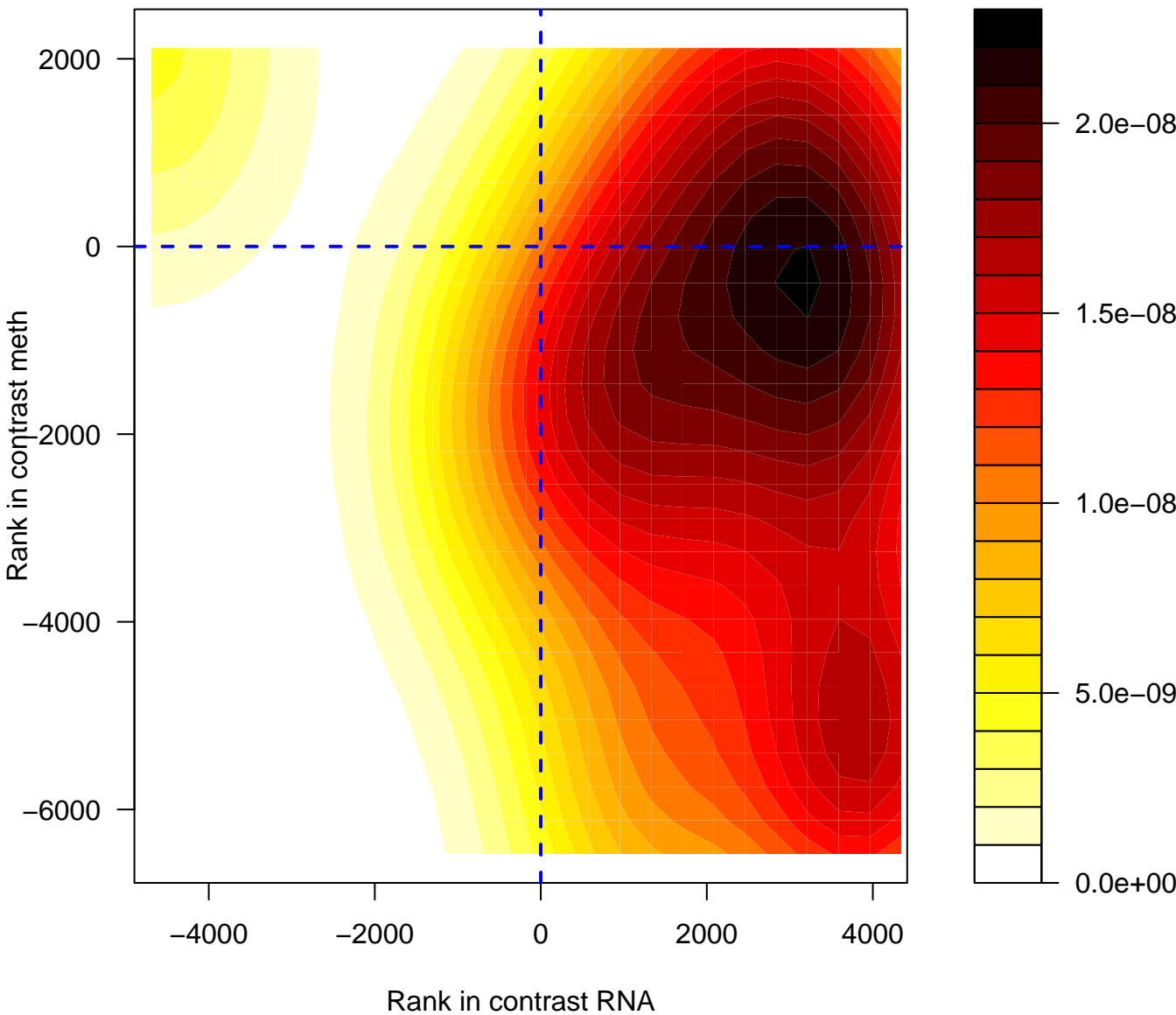
Neutrophil degranulation



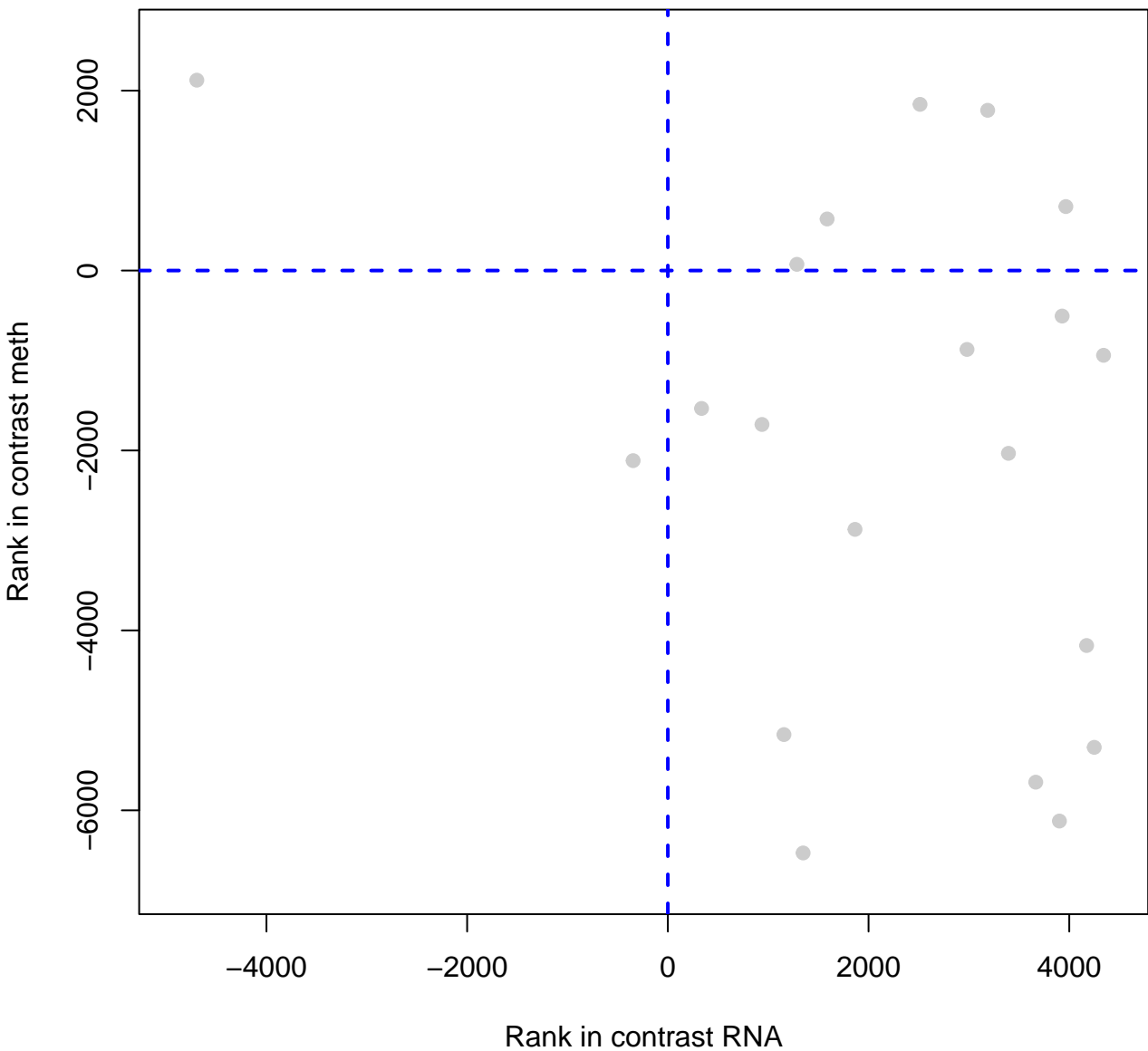
Neutrophil degranulation



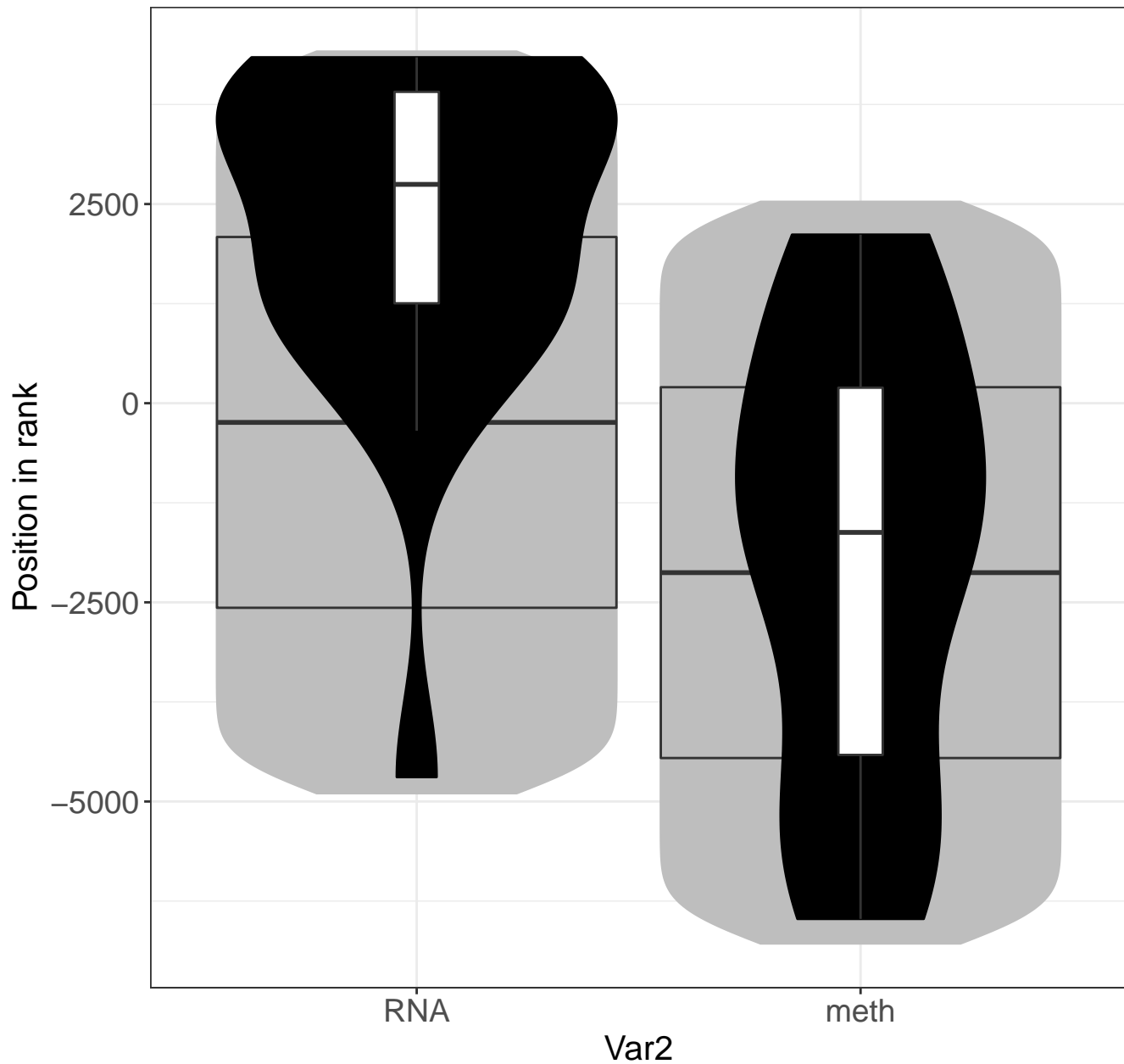
DK5 triggers multiple neurodegenerative pathways in Alzheimer



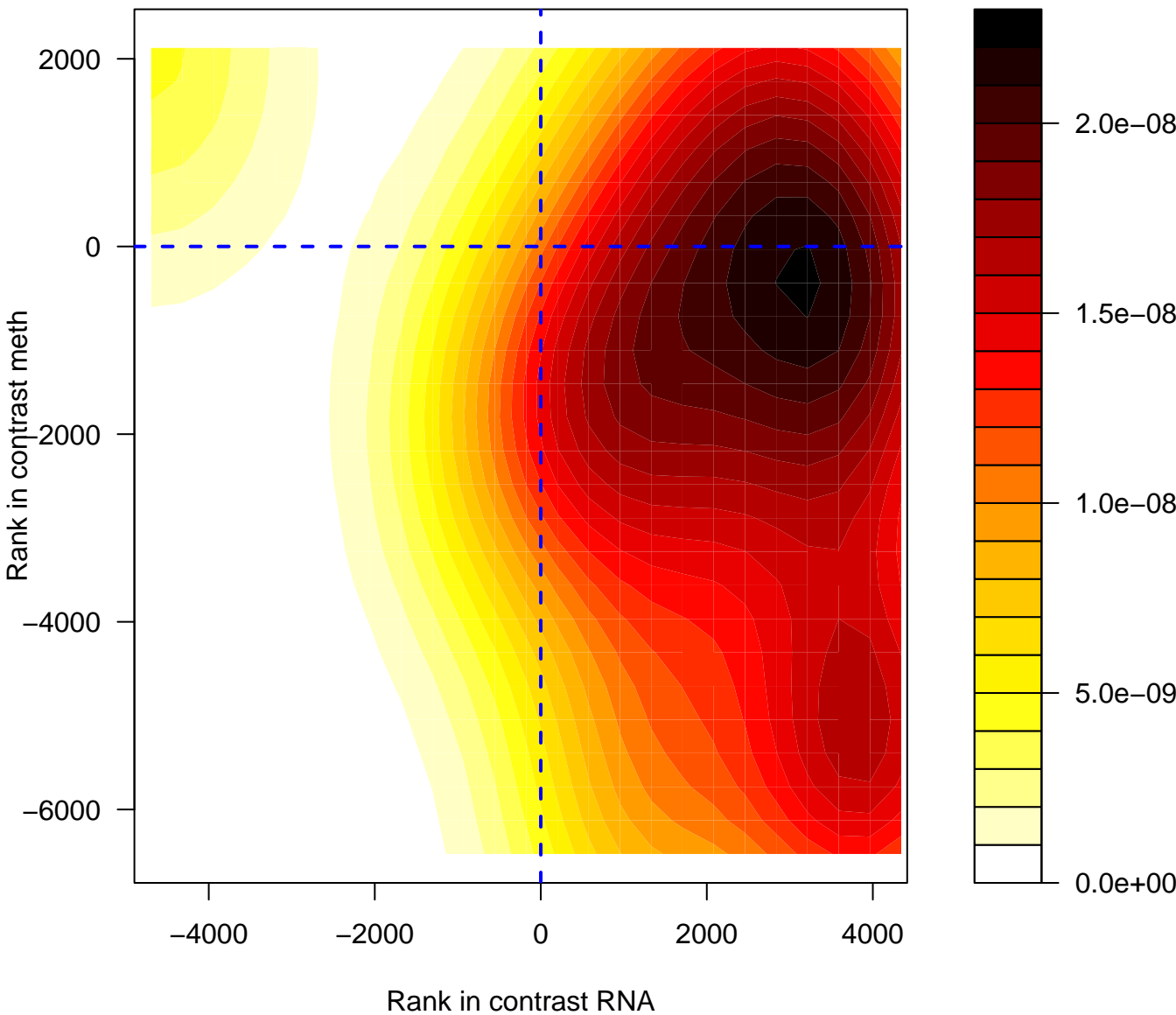
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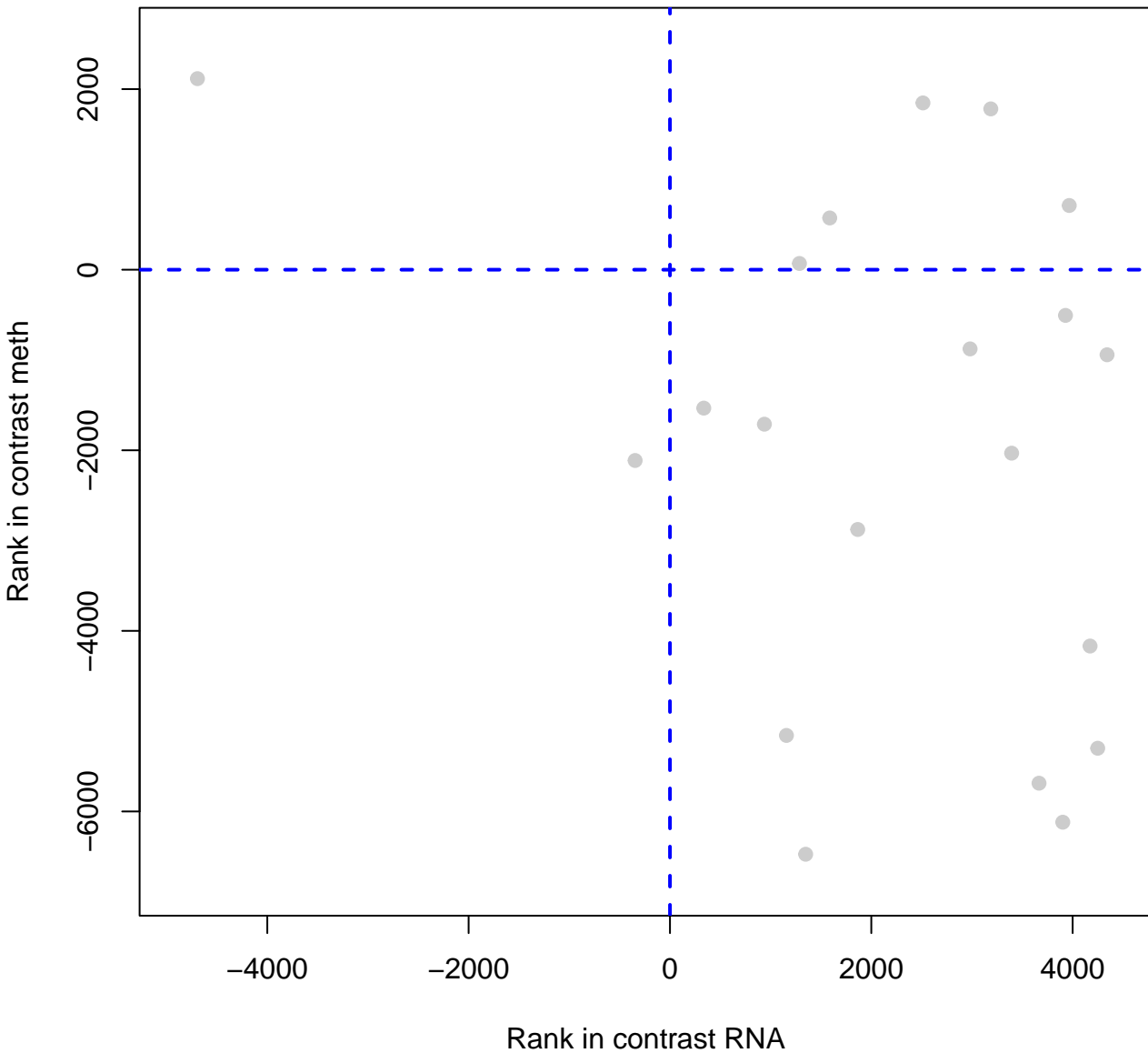
Deregulated CDK5 triggers multiple neurodegene



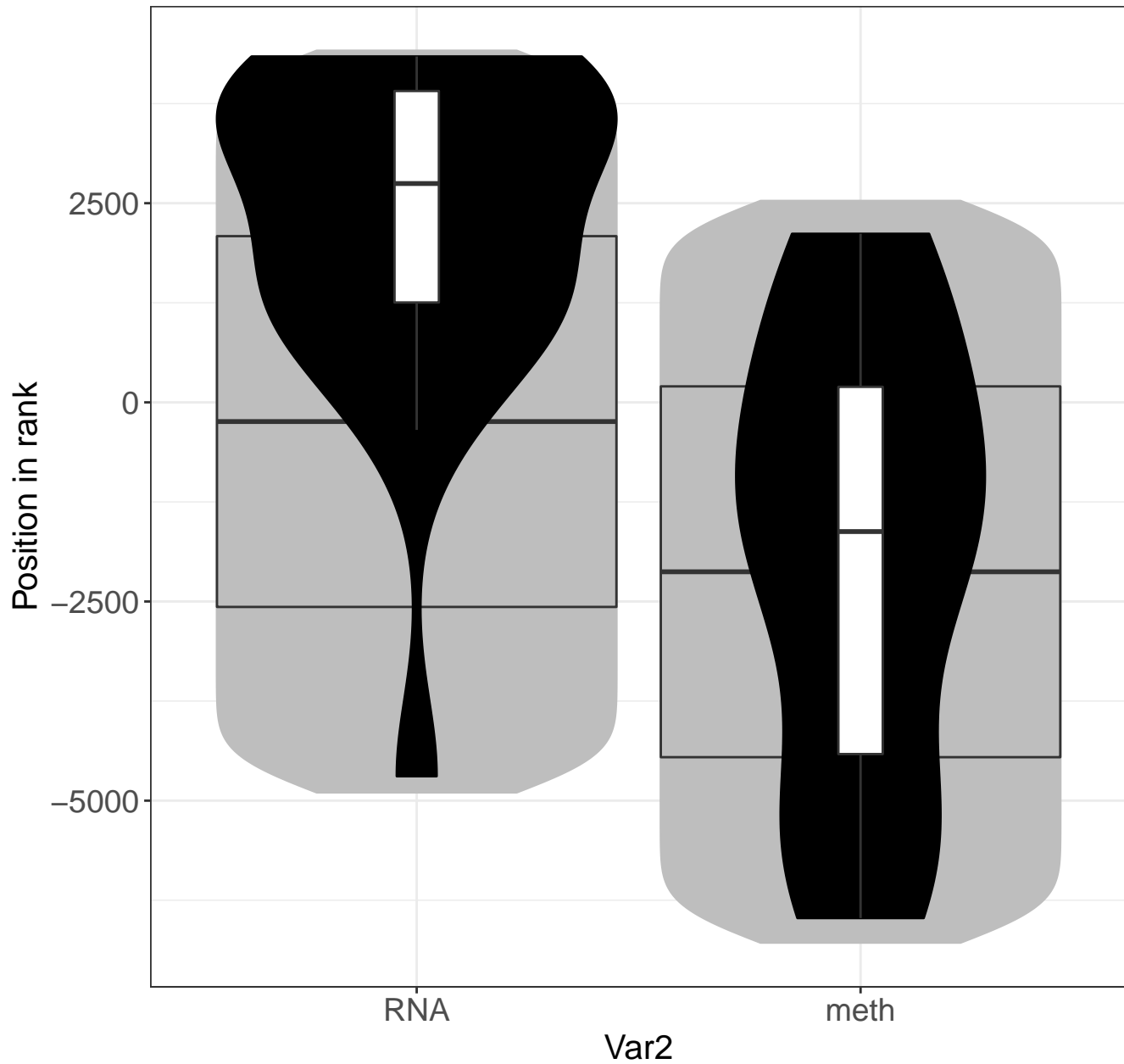
Neurodegenerative Diseases



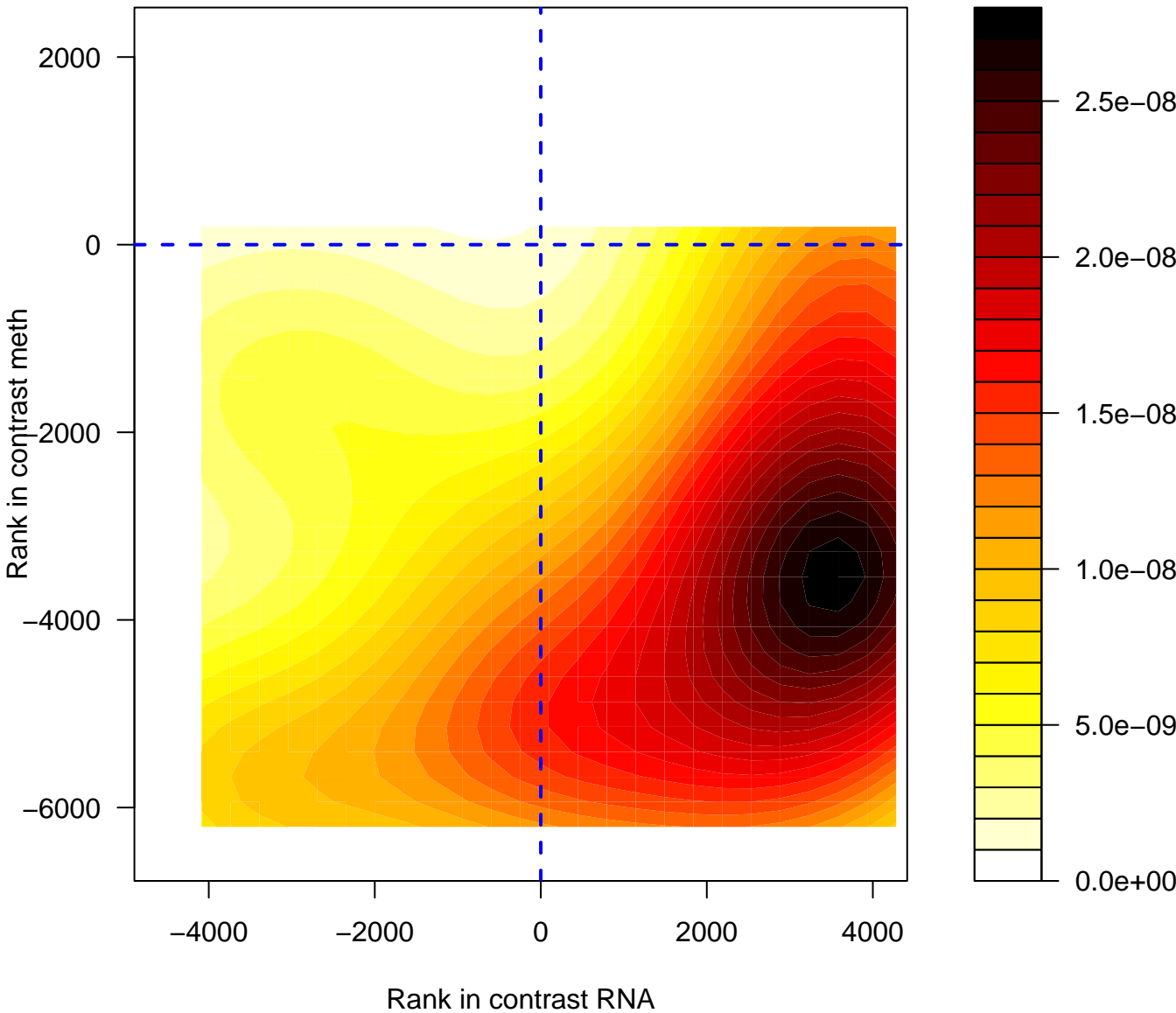
Neurodegenerative Diseases



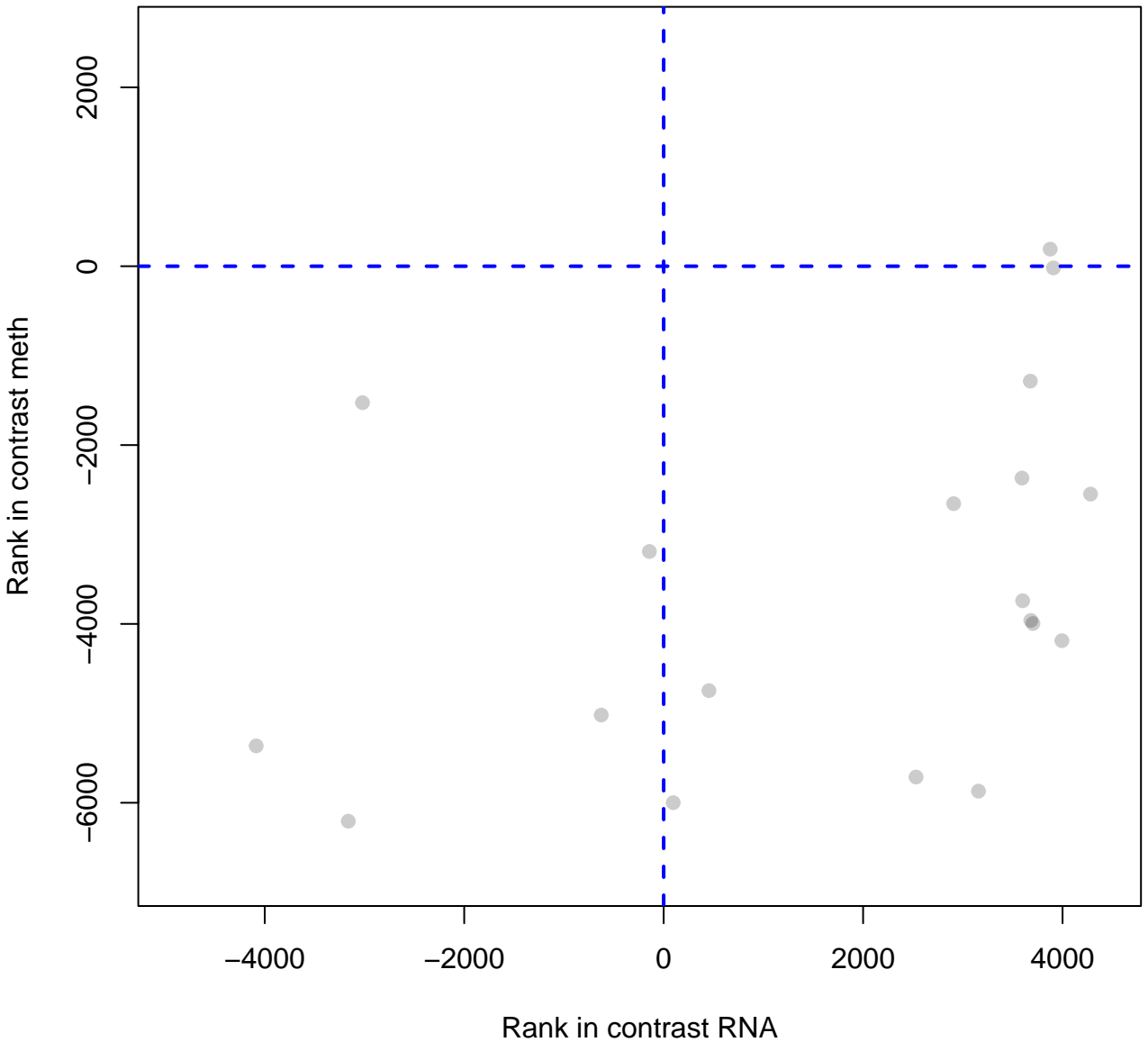
Neurodegenerative Diseases



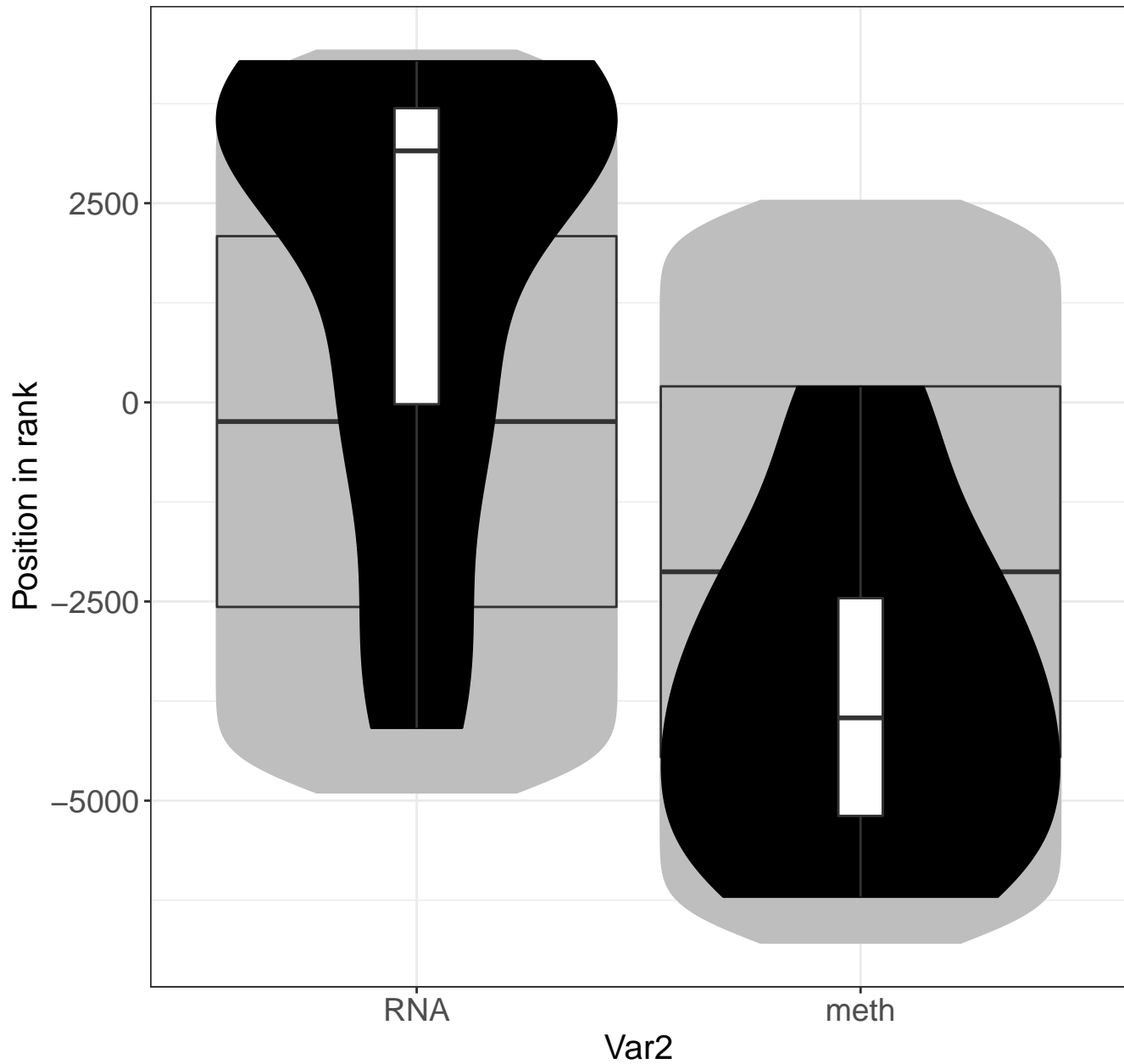
Smooth Muscle Contraction



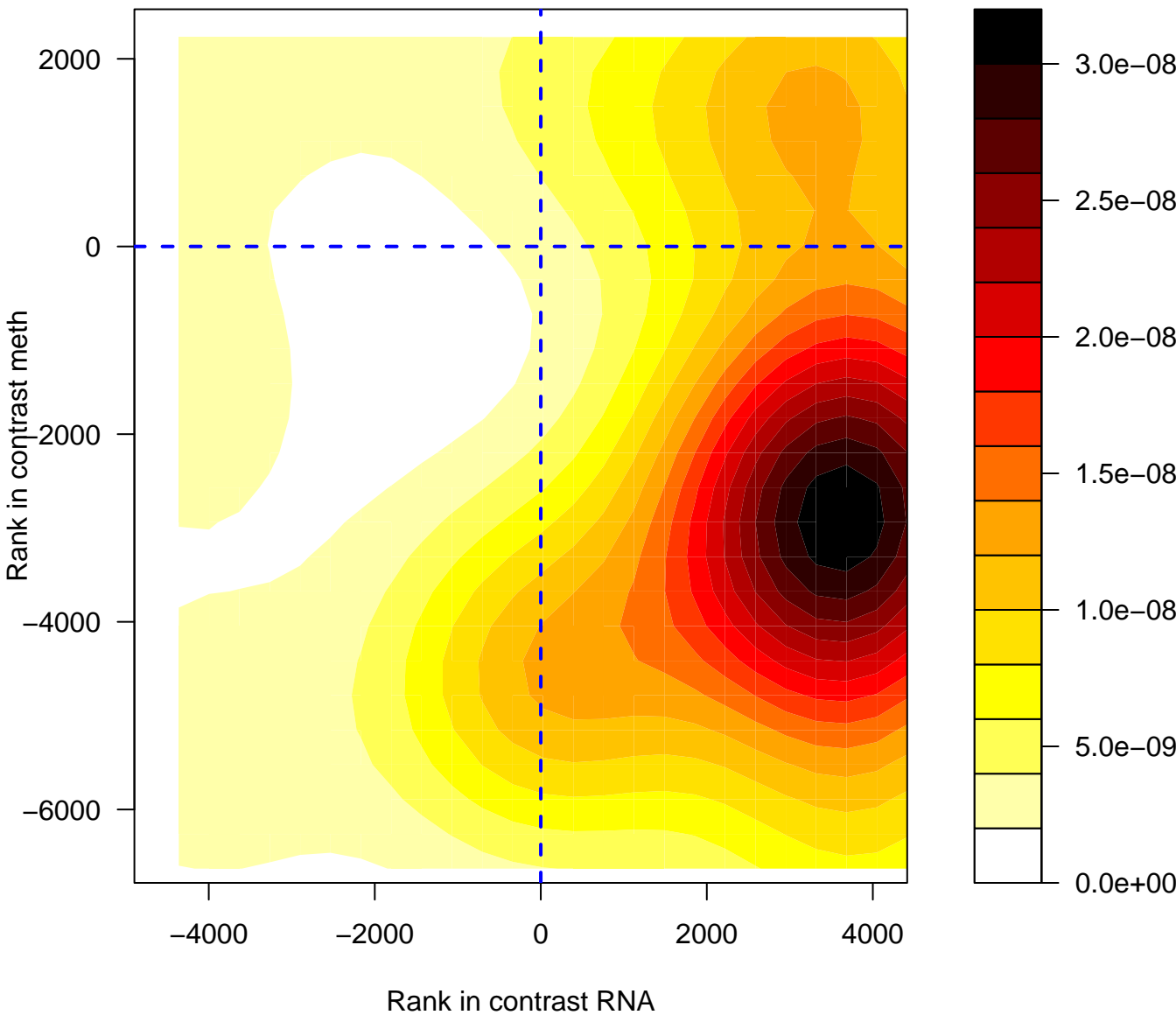
Smooth Muscle Contraction



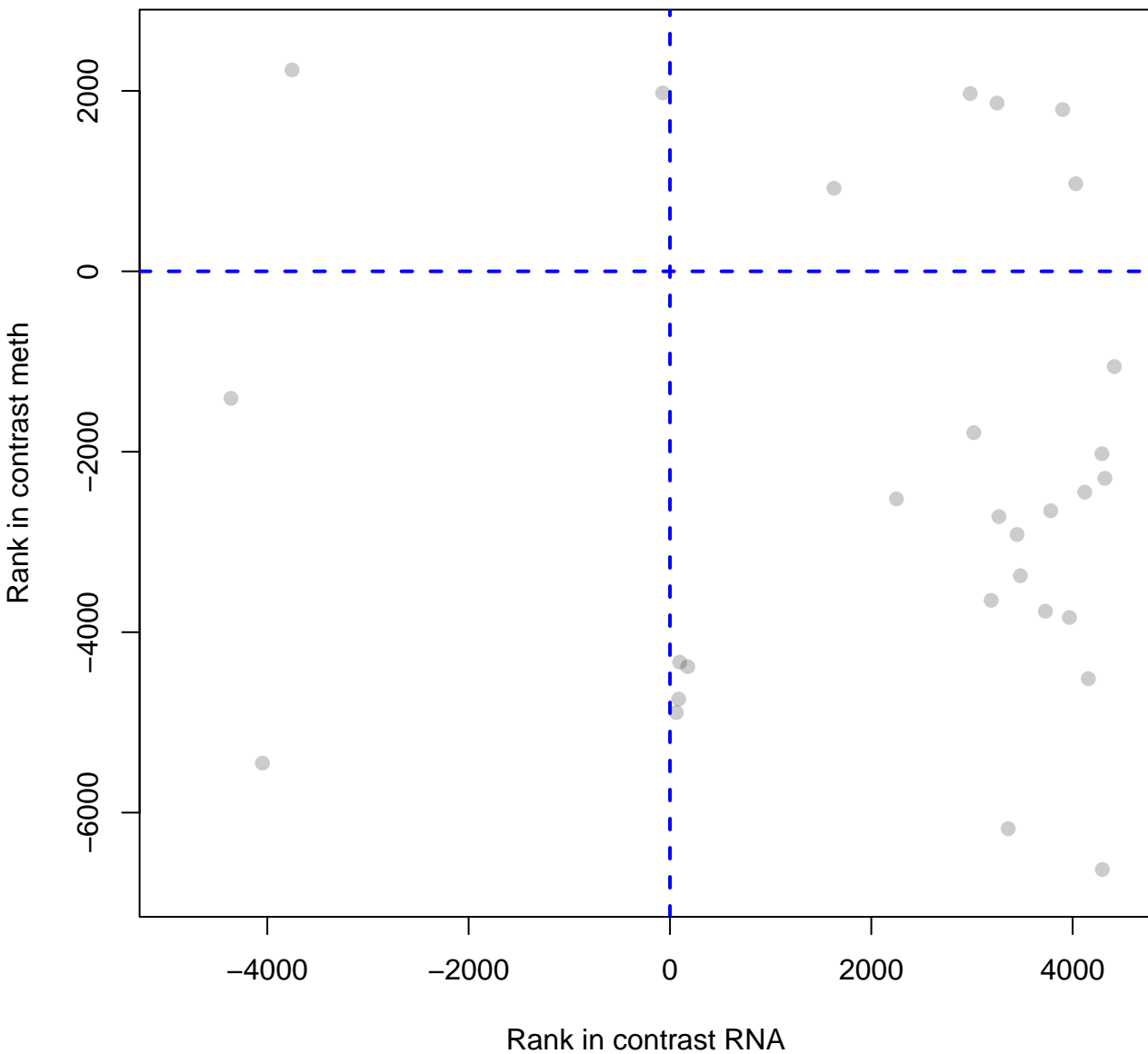
Smooth Muscle Contraction



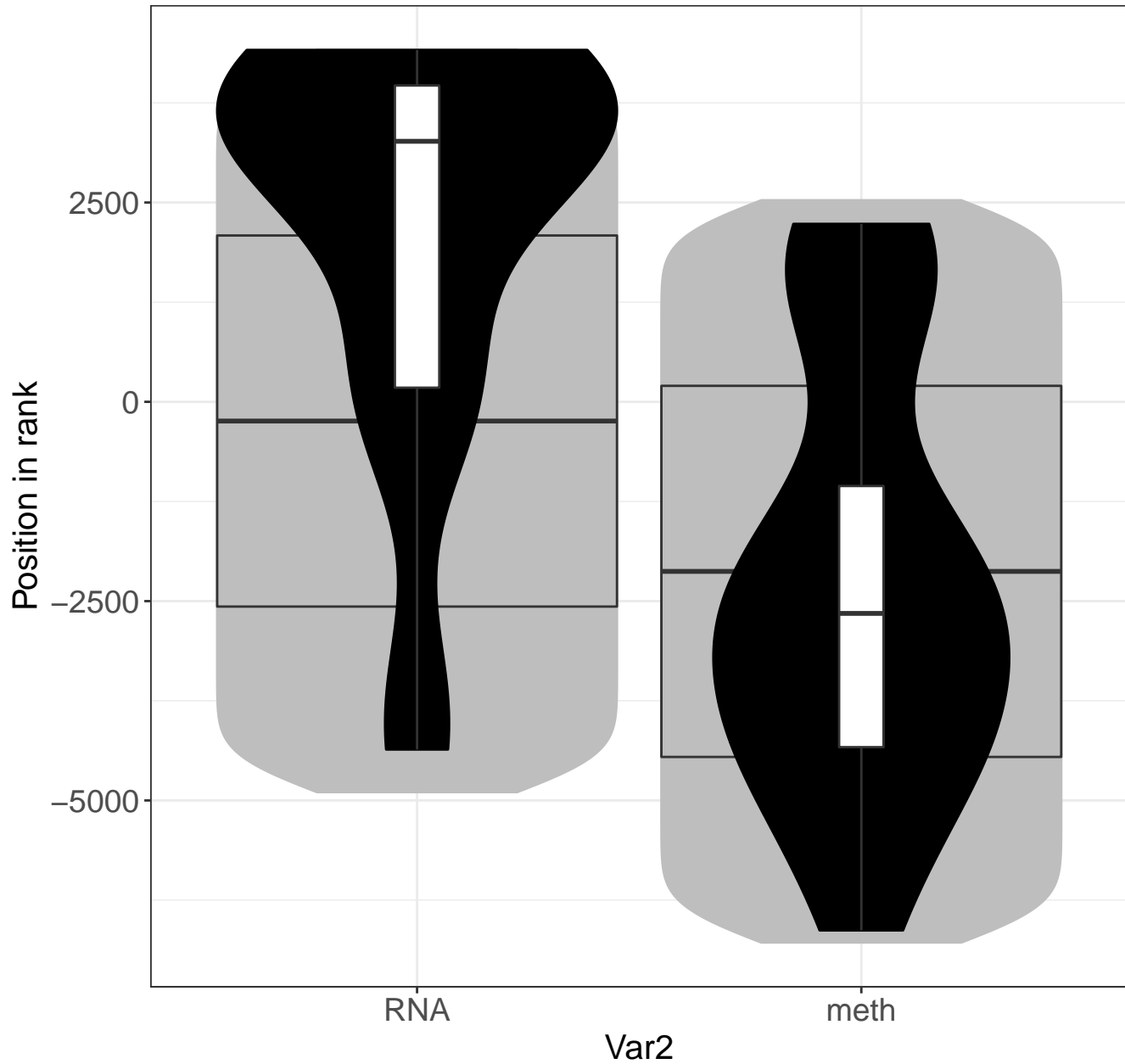
RHO GTPases Activate WASPs and WAVES



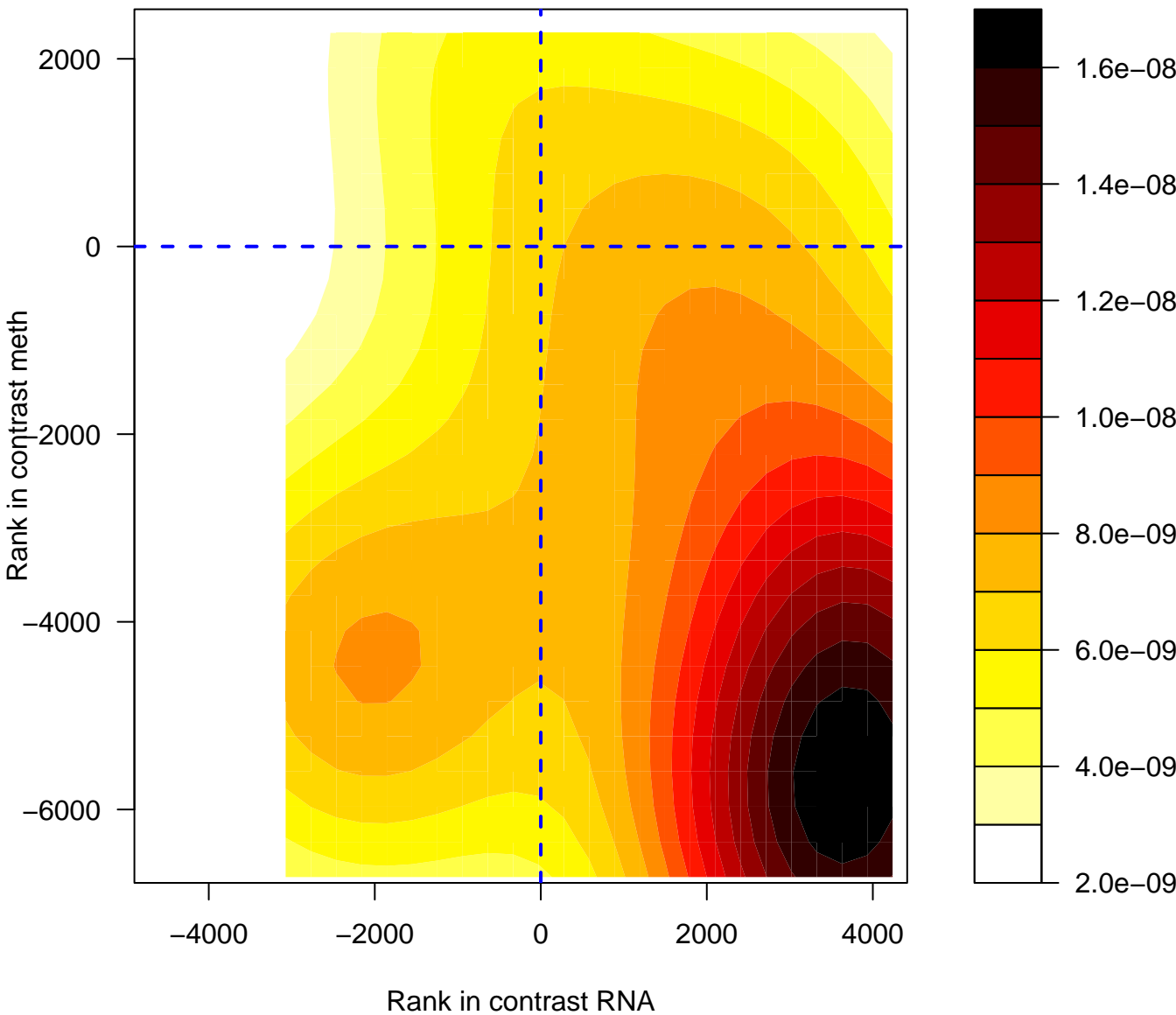
RHO GTPases Activate WASPs and WAVEs



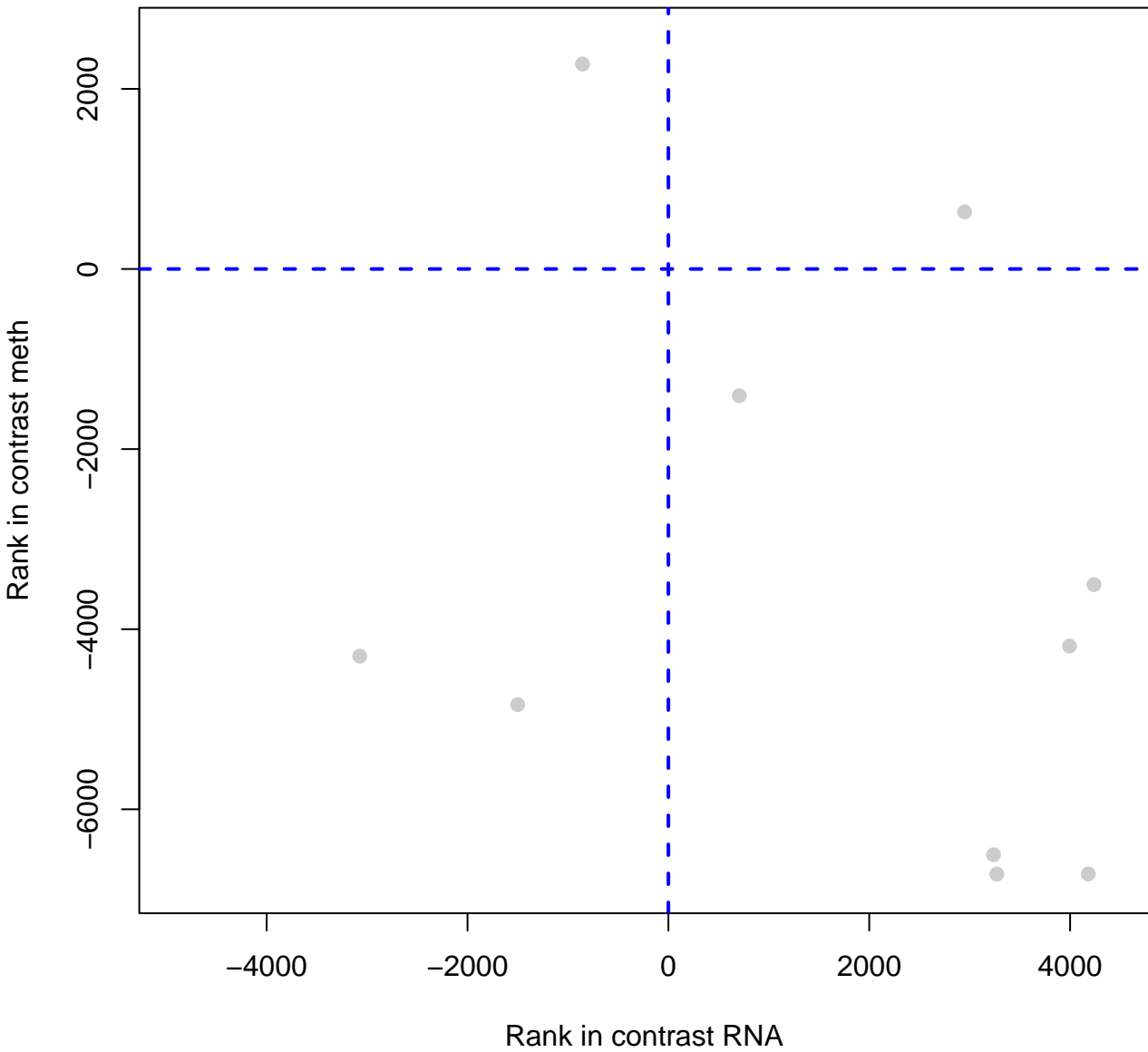
RHO GTPases Activate WASPs and WAVEs



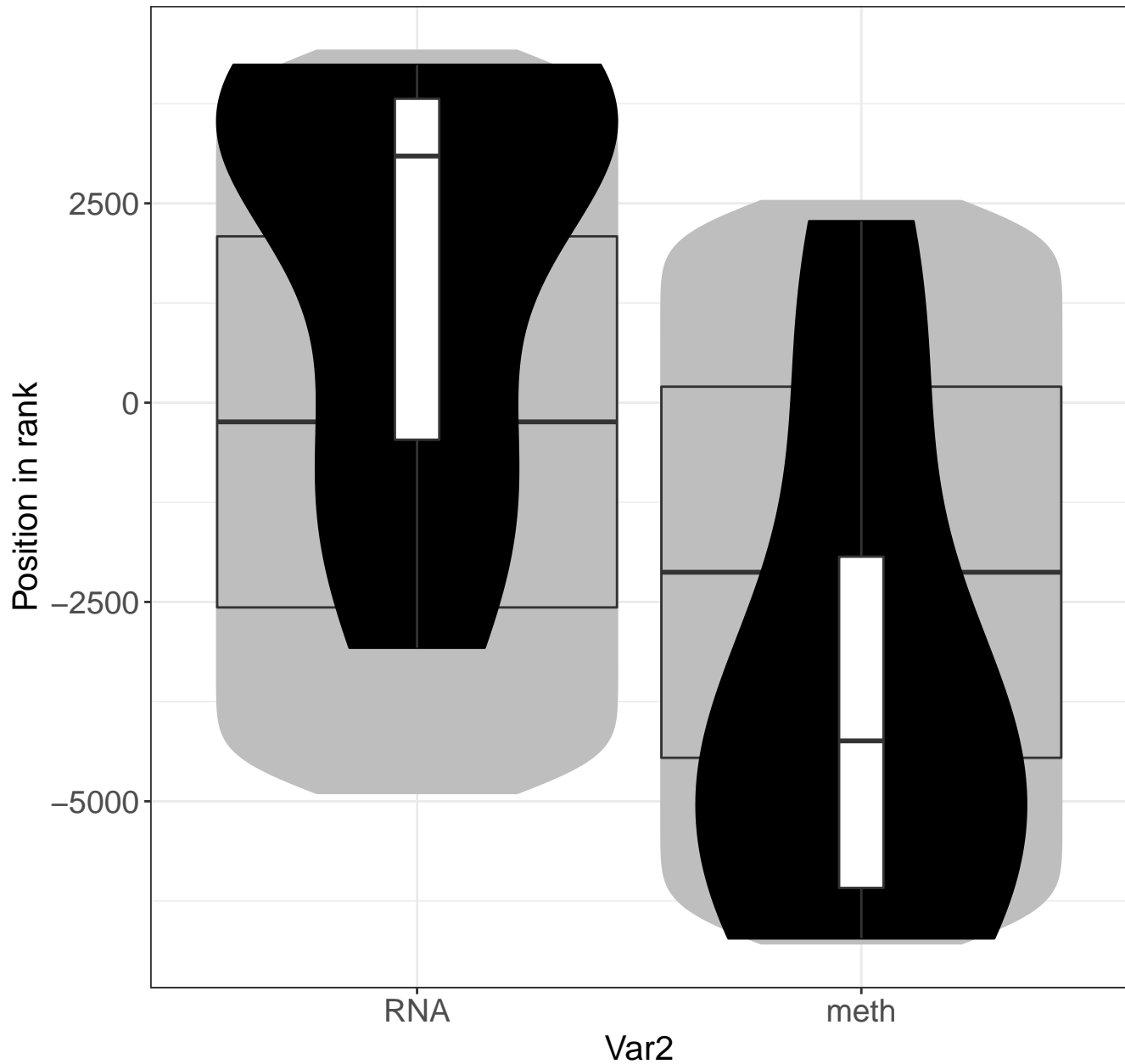
Other semaphorin interactions



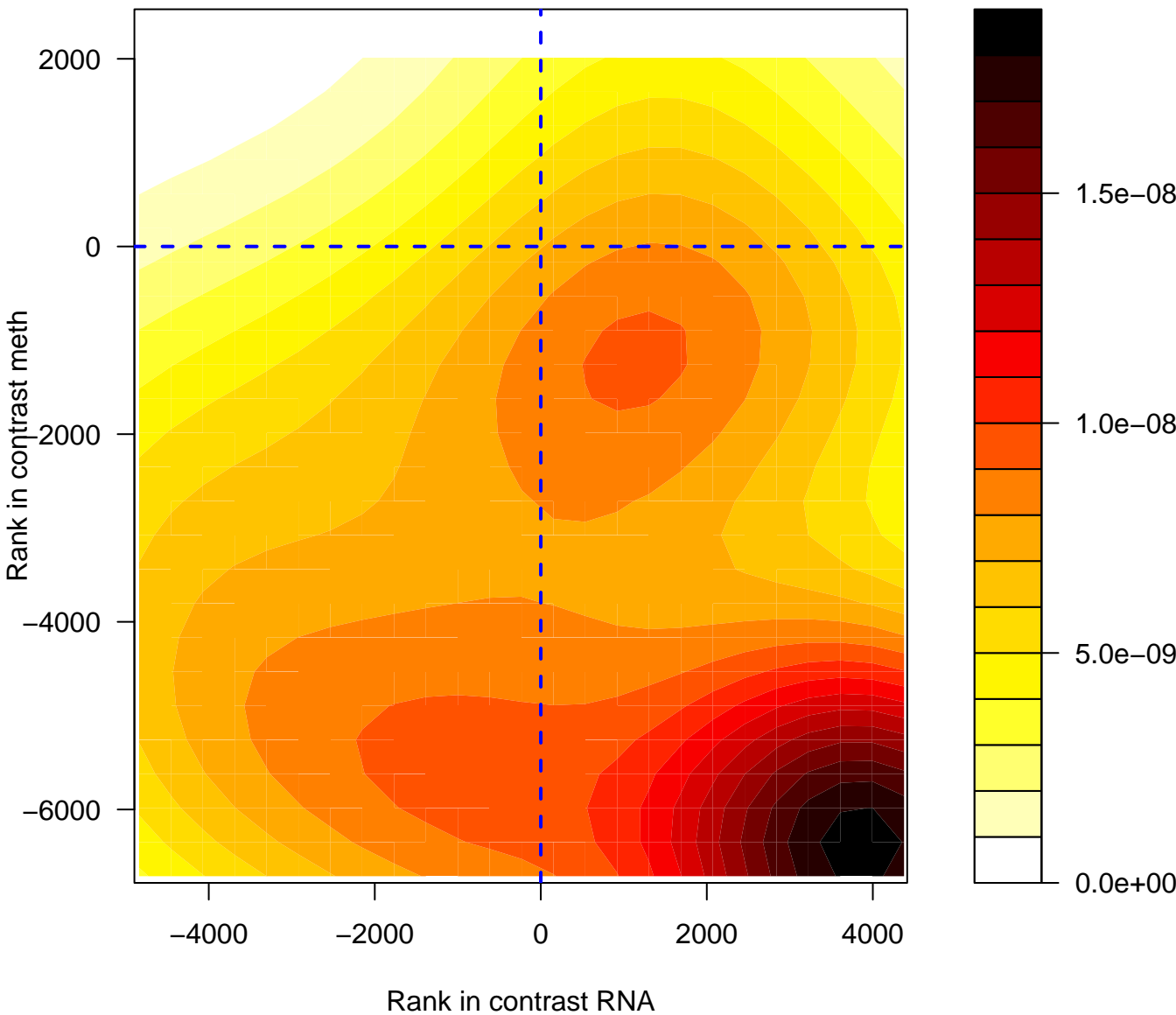
Other semaphorin interactions



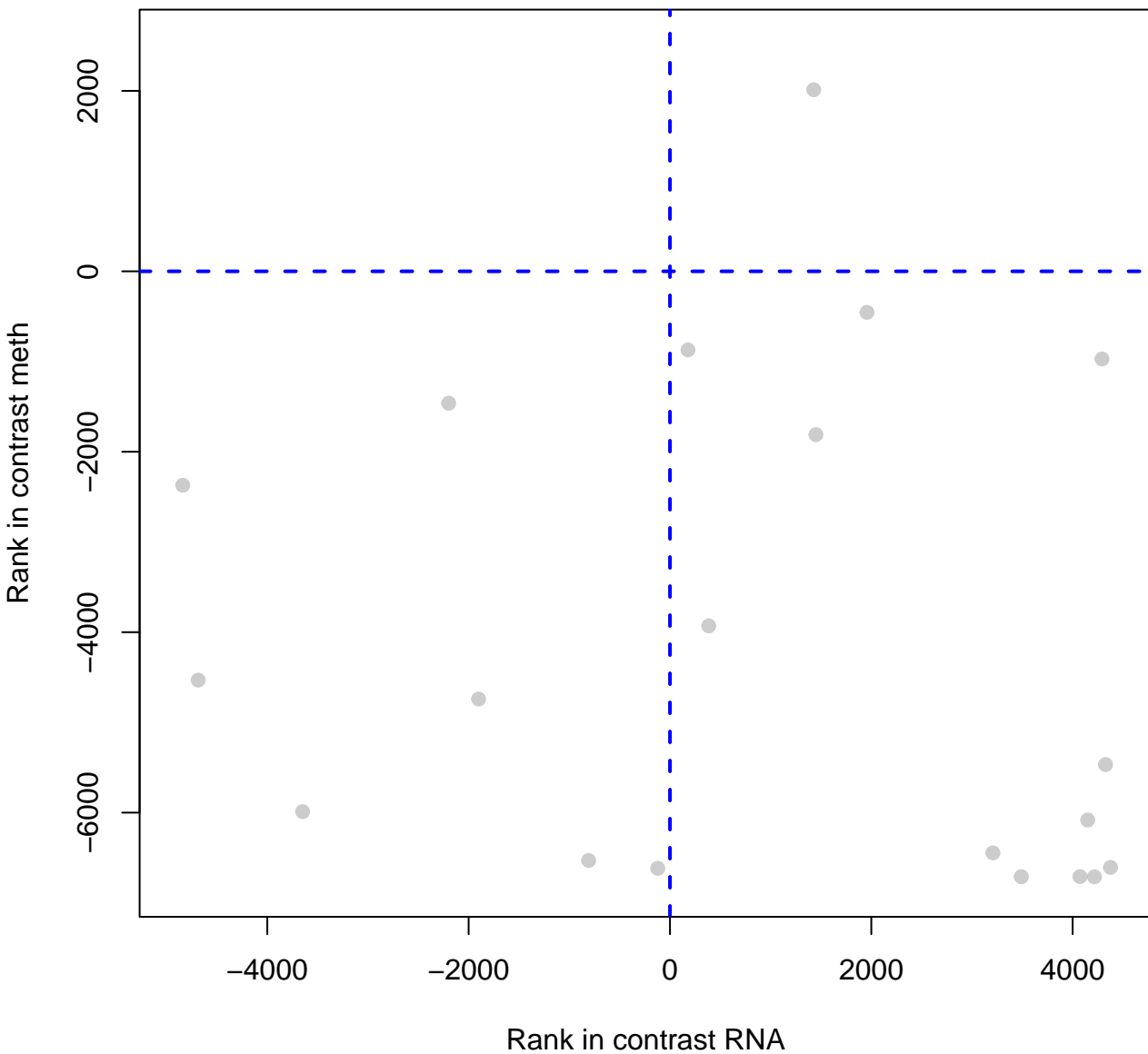
Other semaphorin interactions



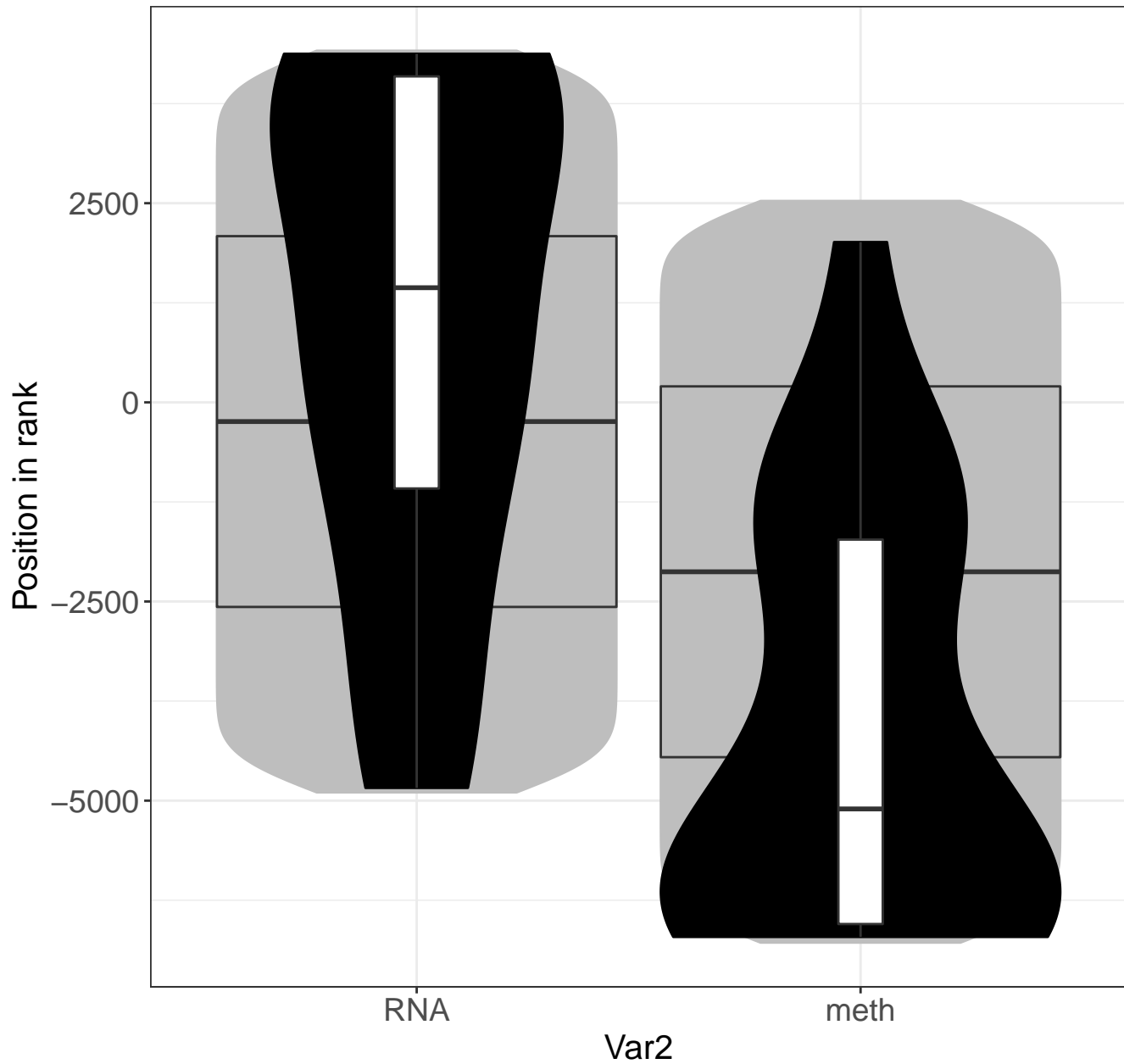
Arachidonic acid metabolism



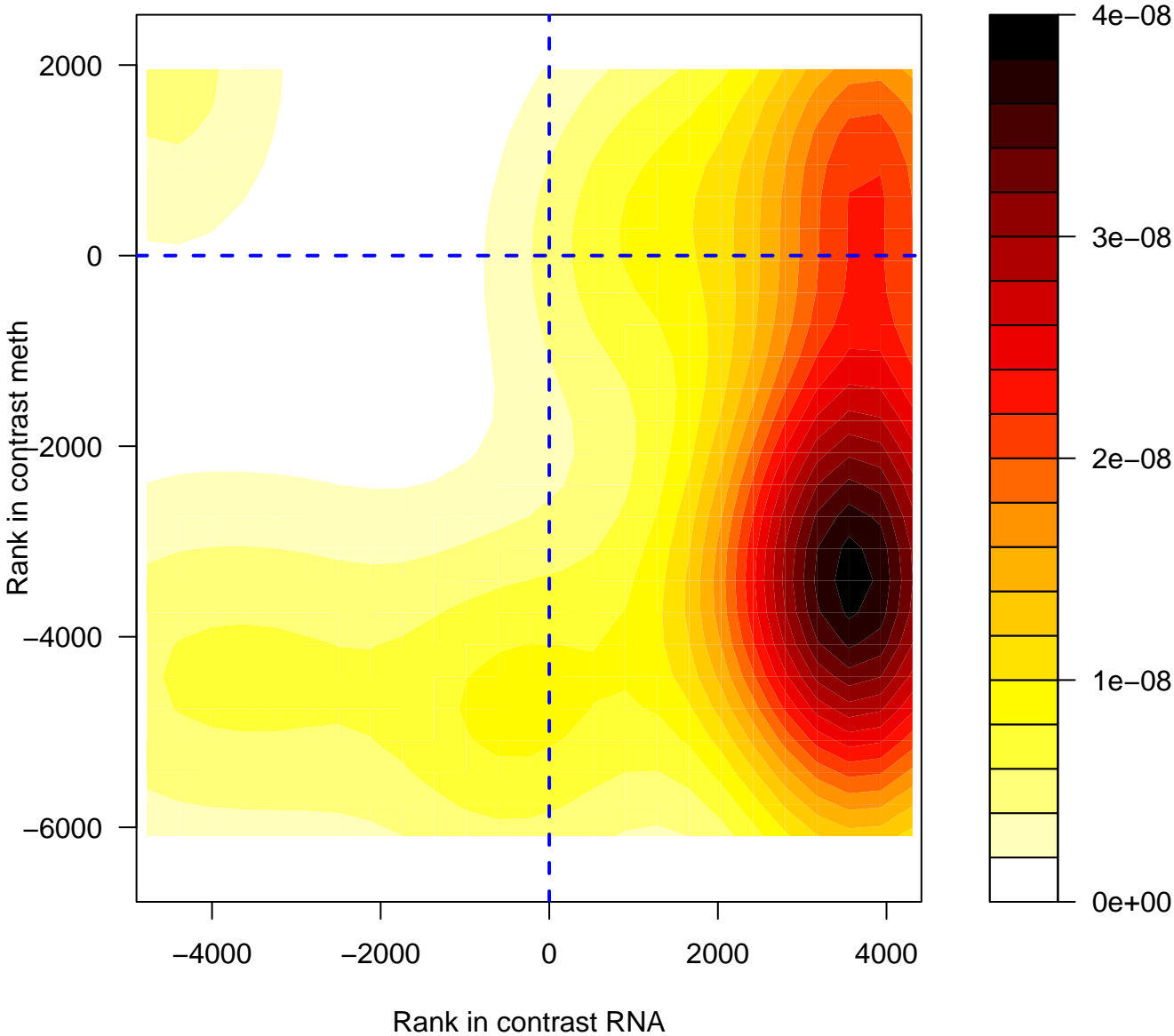
Arachidonic acid metabolism



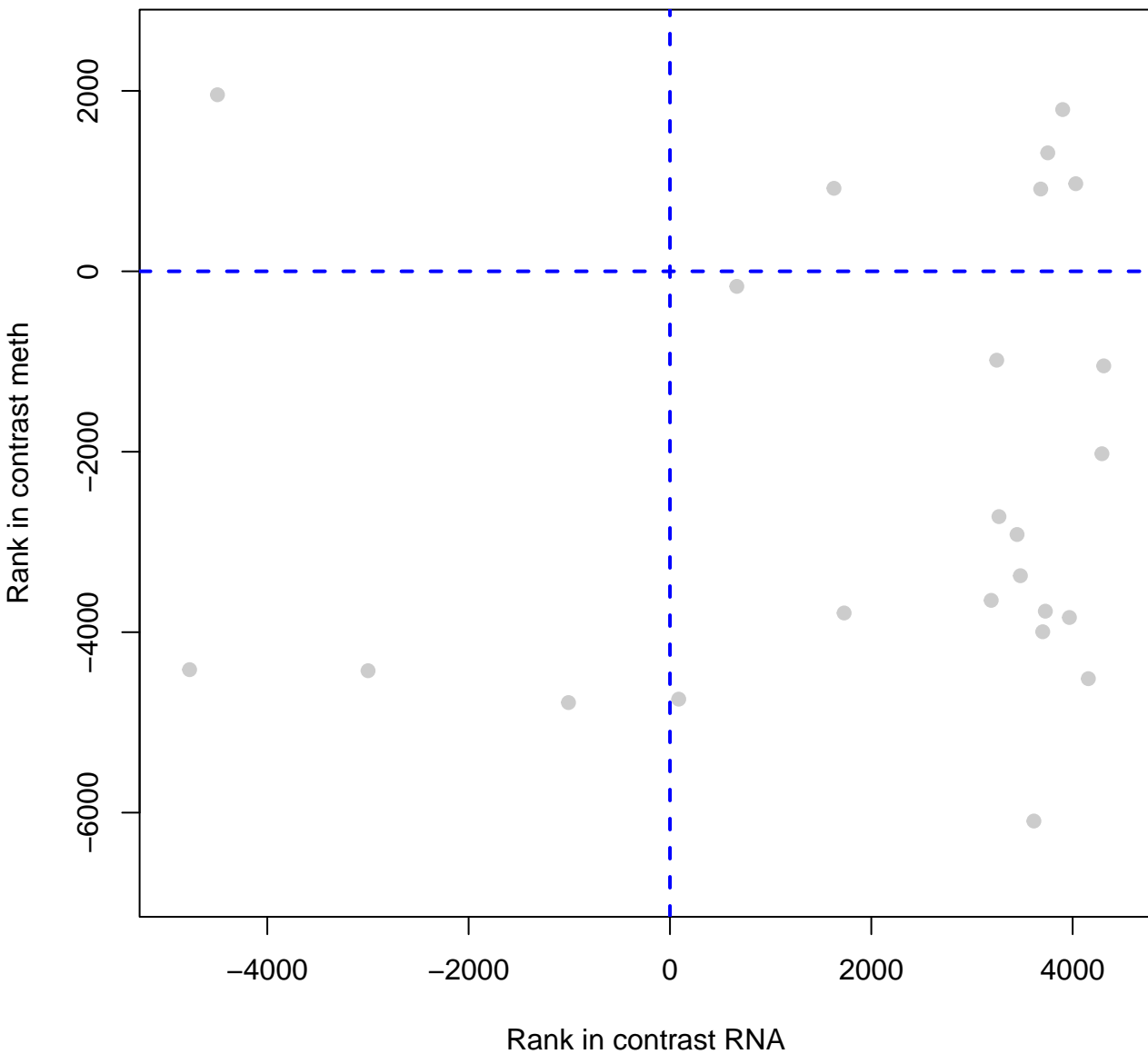
Arachidonic acid metabolism



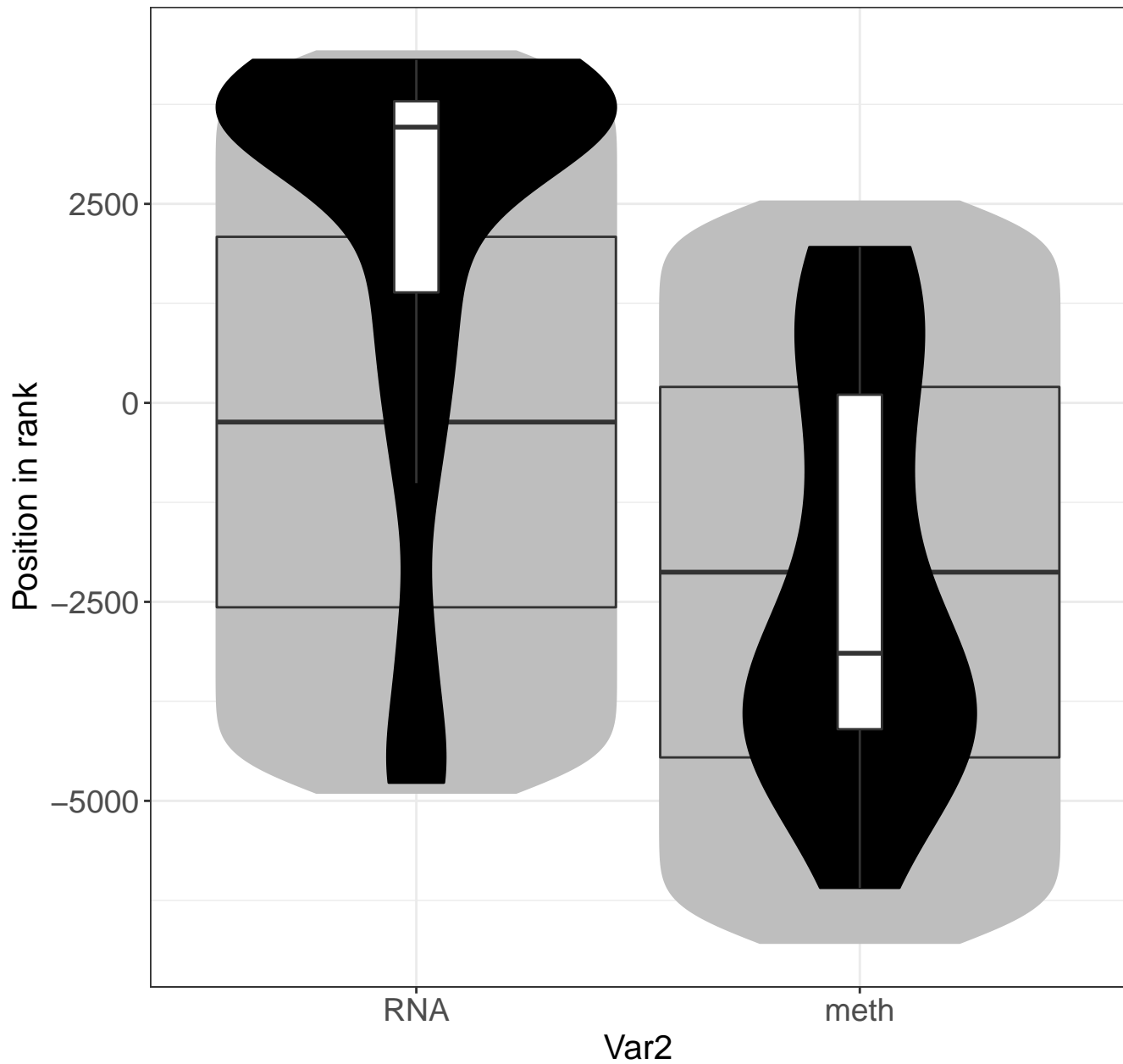
EPHB-mediated forward signaling



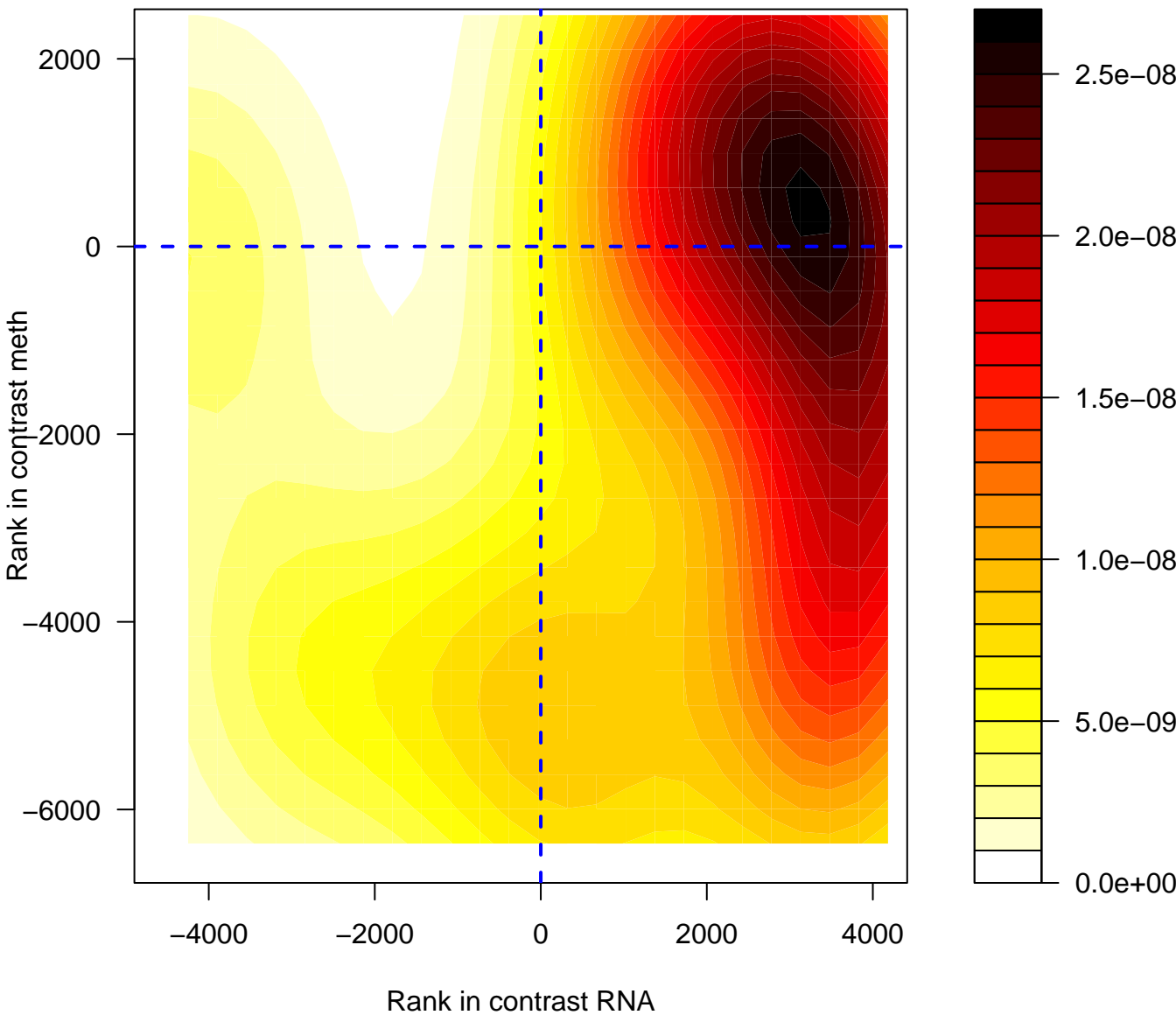
EPHB-mediated forward signaling



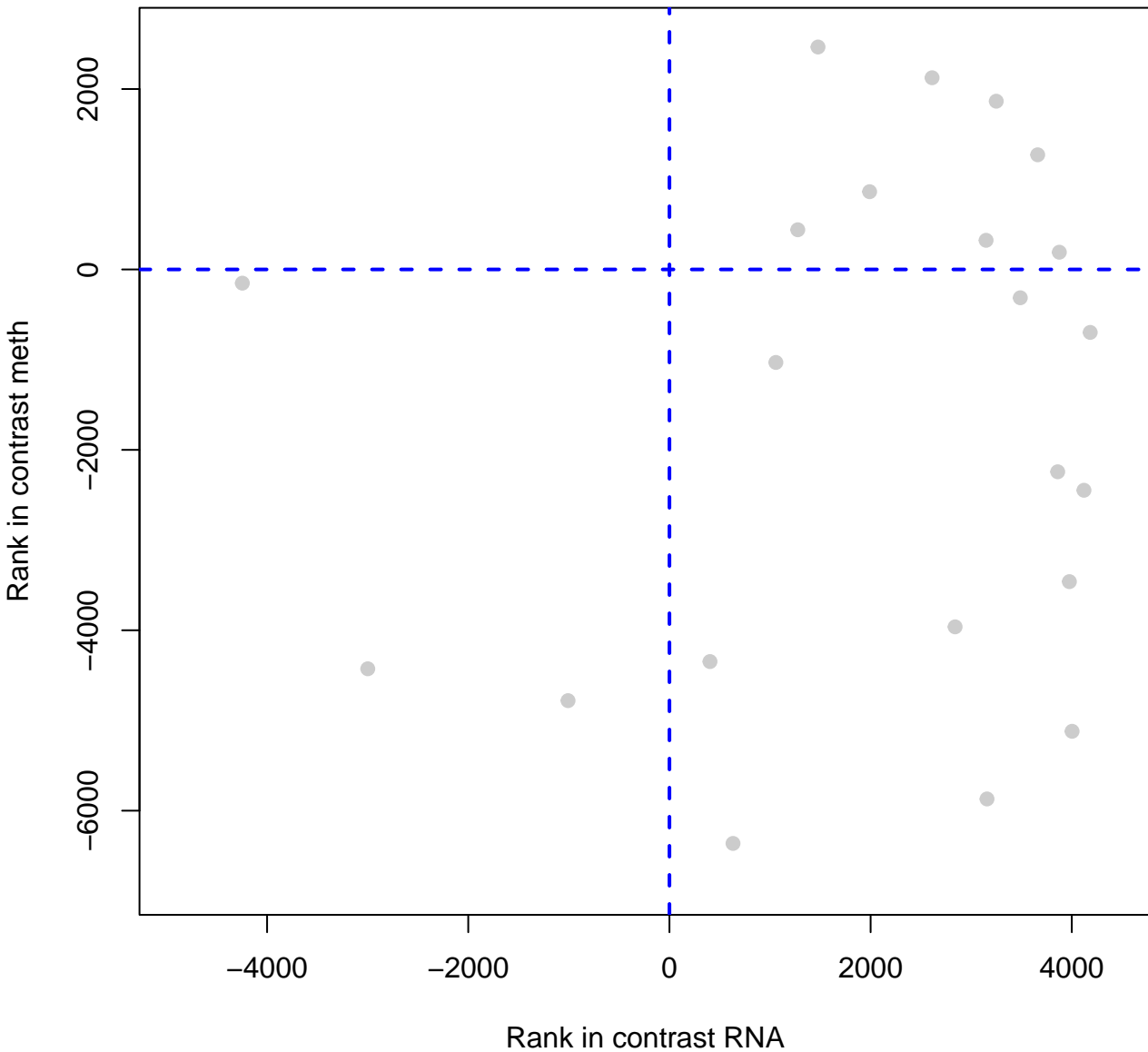
EPHB-mediated forward signaling



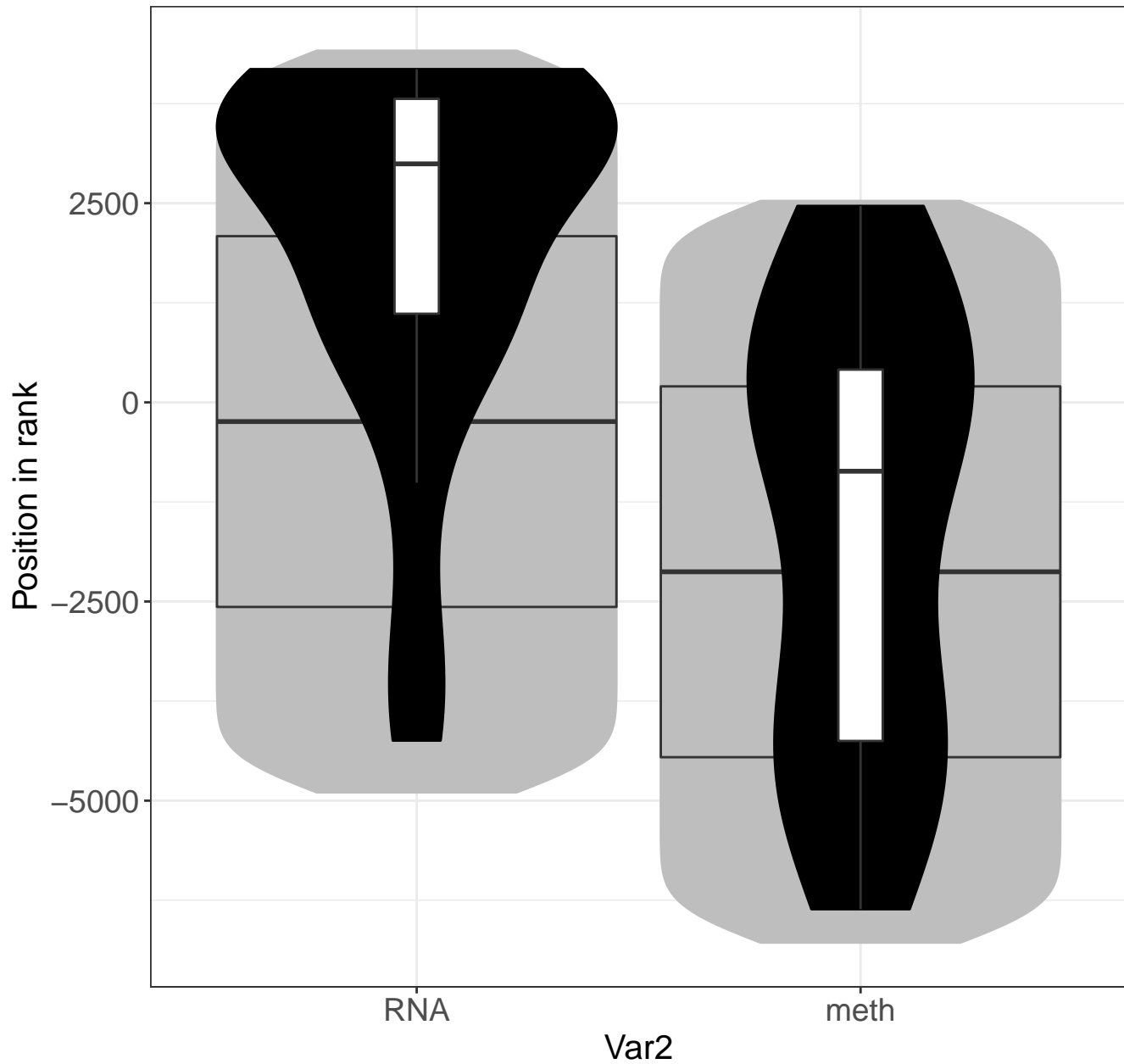
Signaling by high-kinase activity BRAF mutants



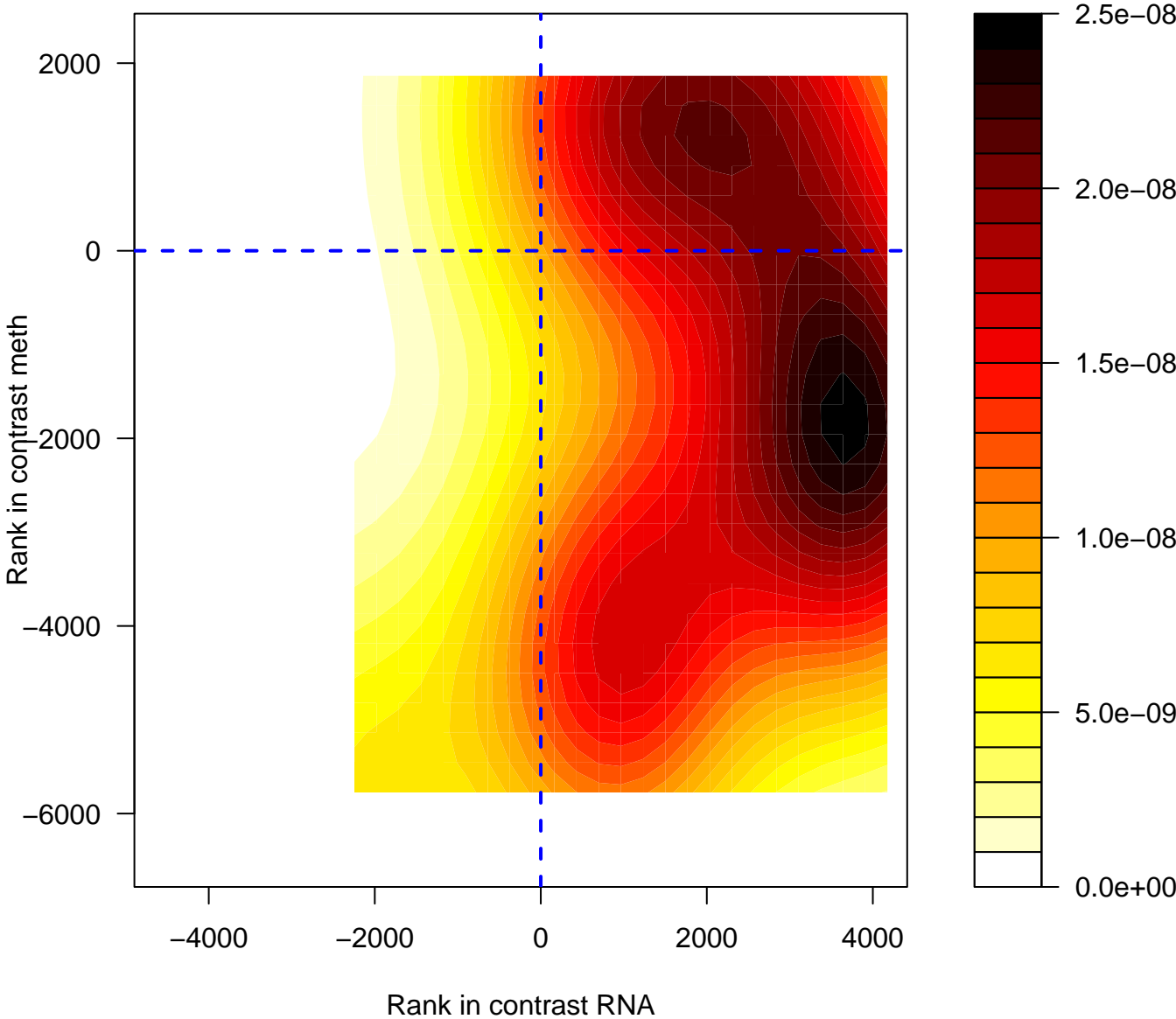
Signaling by high-kinase activity BRAF mutants



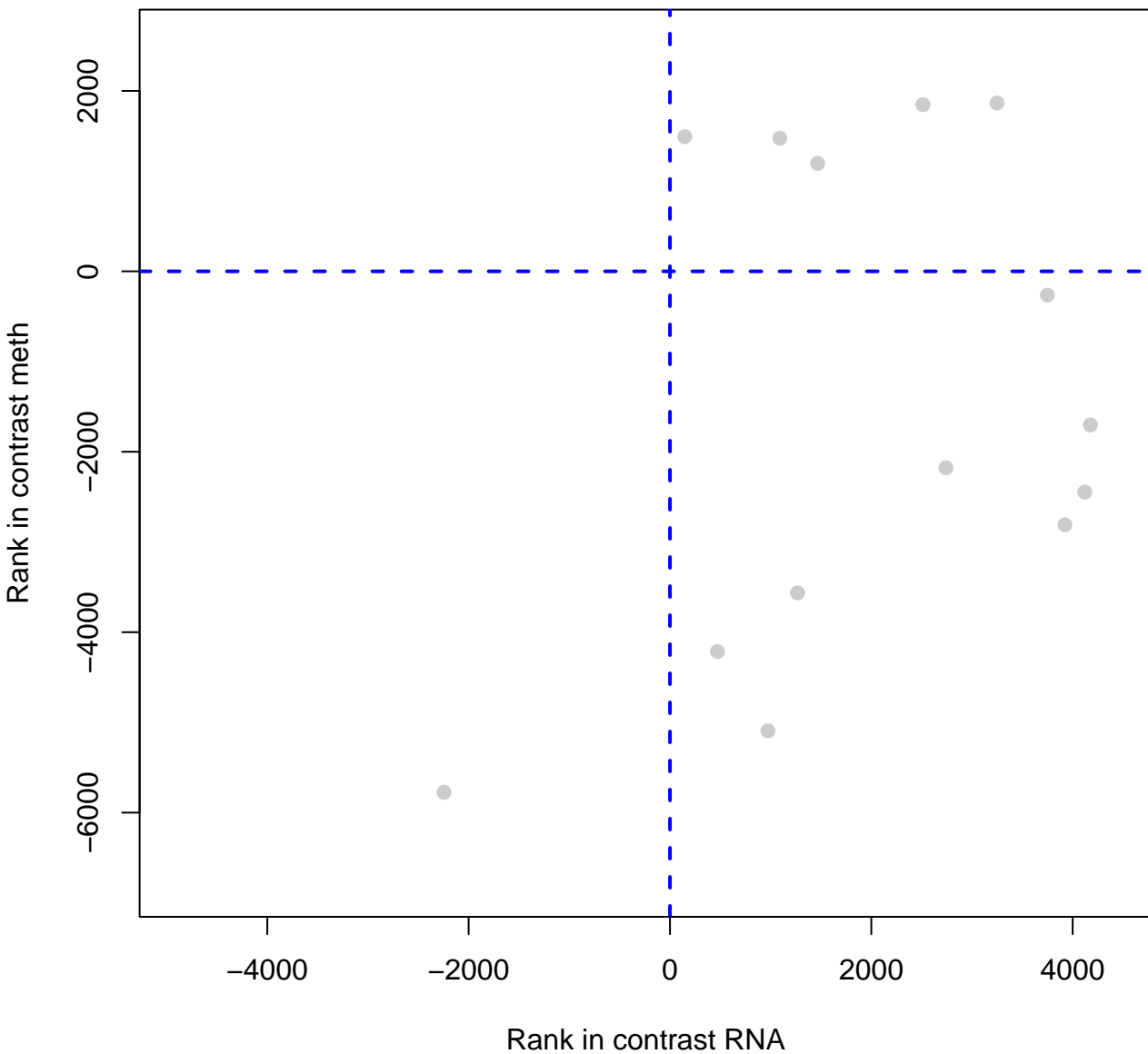
Signaling by high-kinase activity BRAF mutants



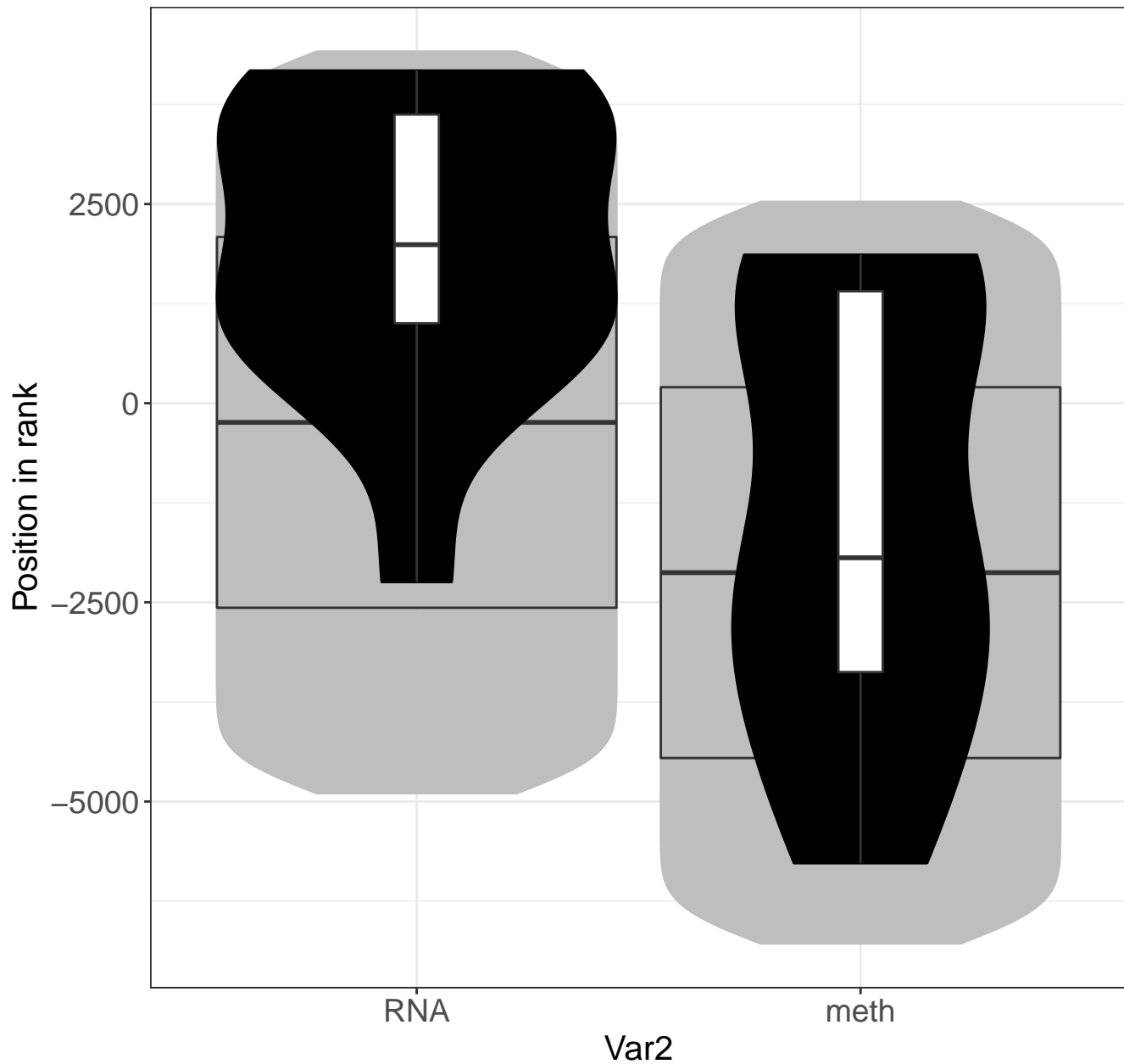
Golgi Cisternae Pericentriolar Stack Reorganization



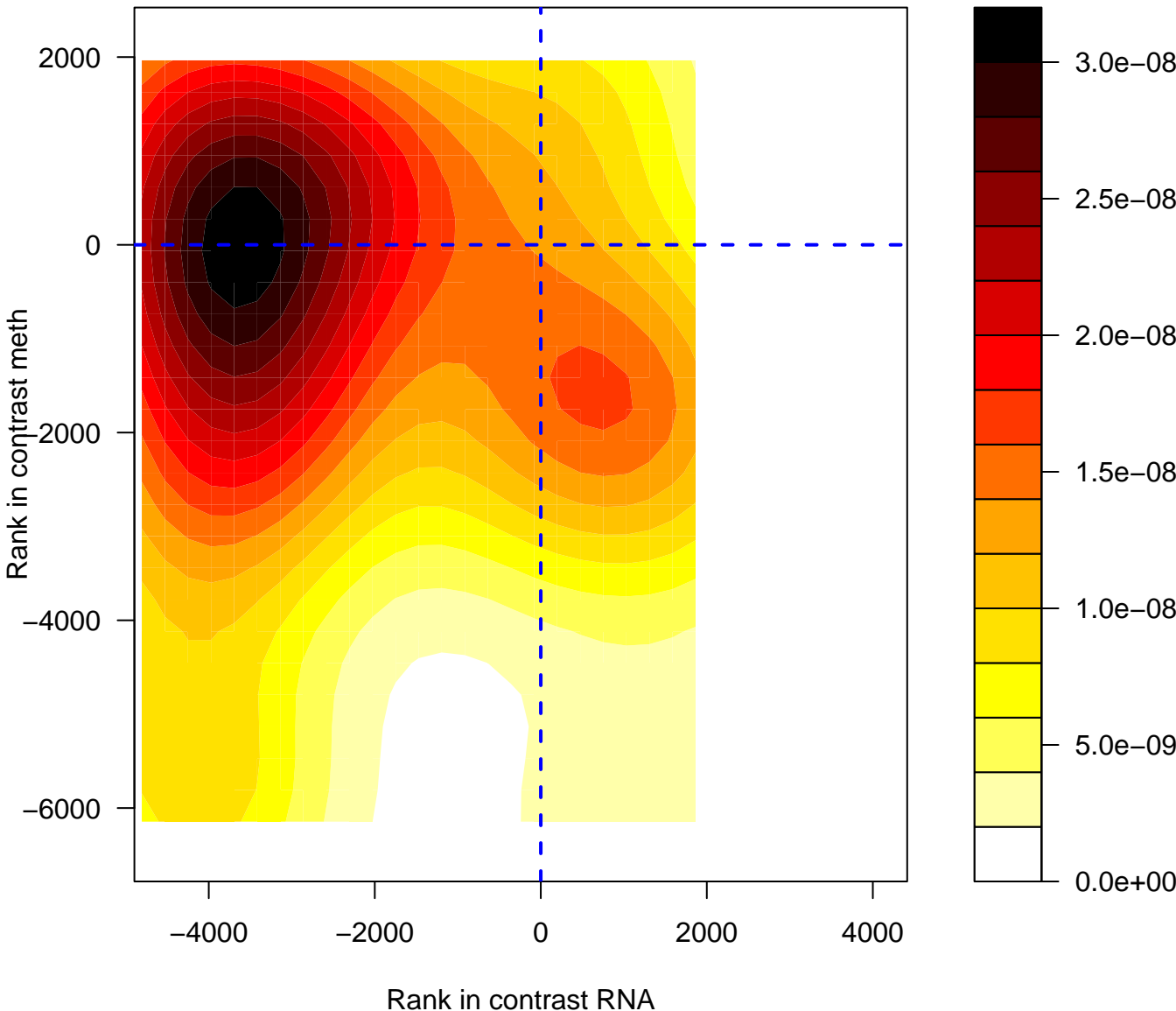
Golgi Cisternae Pericentriolar Stack Reorganization



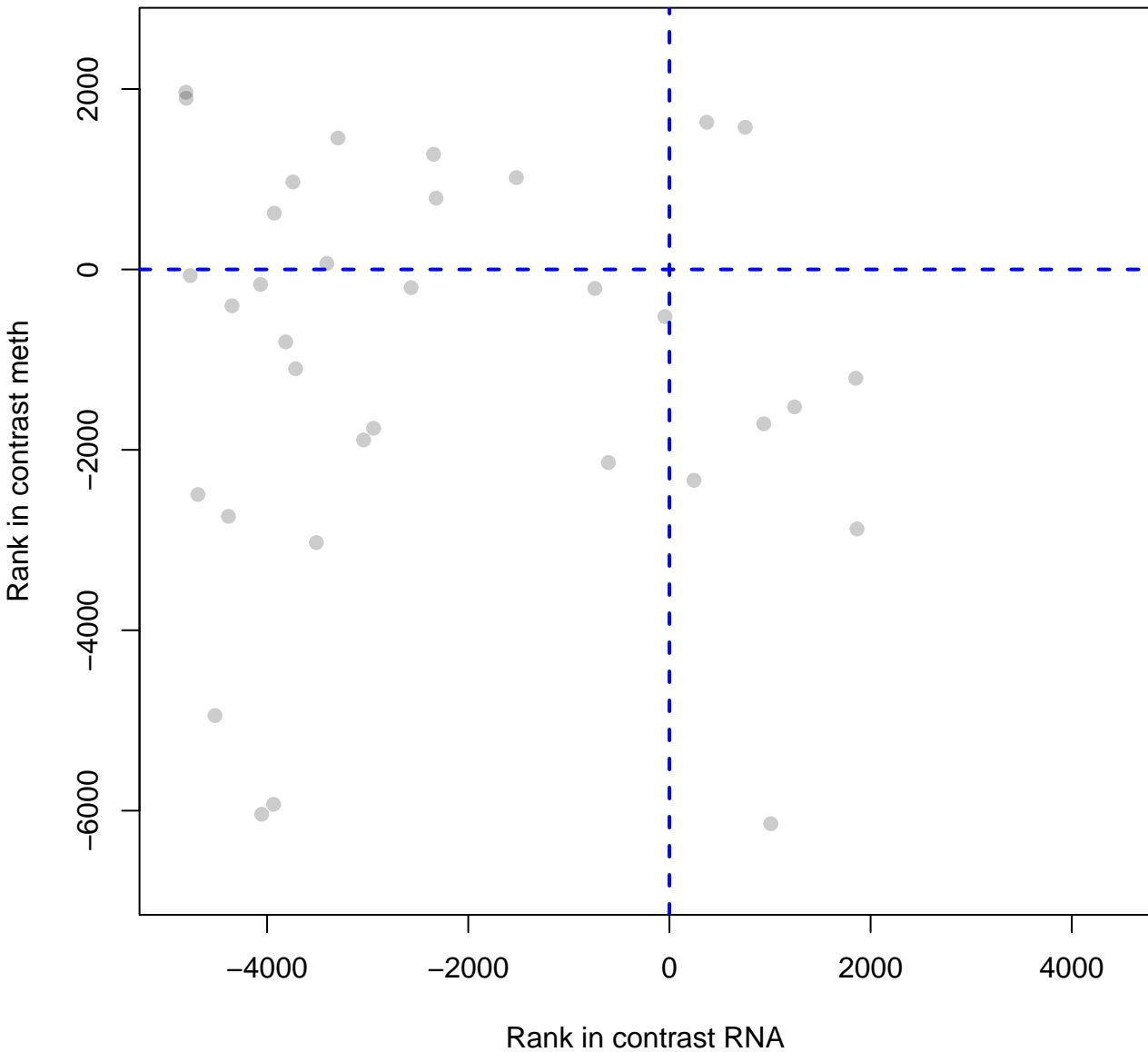
Golgi Cisternae Pericentriolar Stack Reorganization



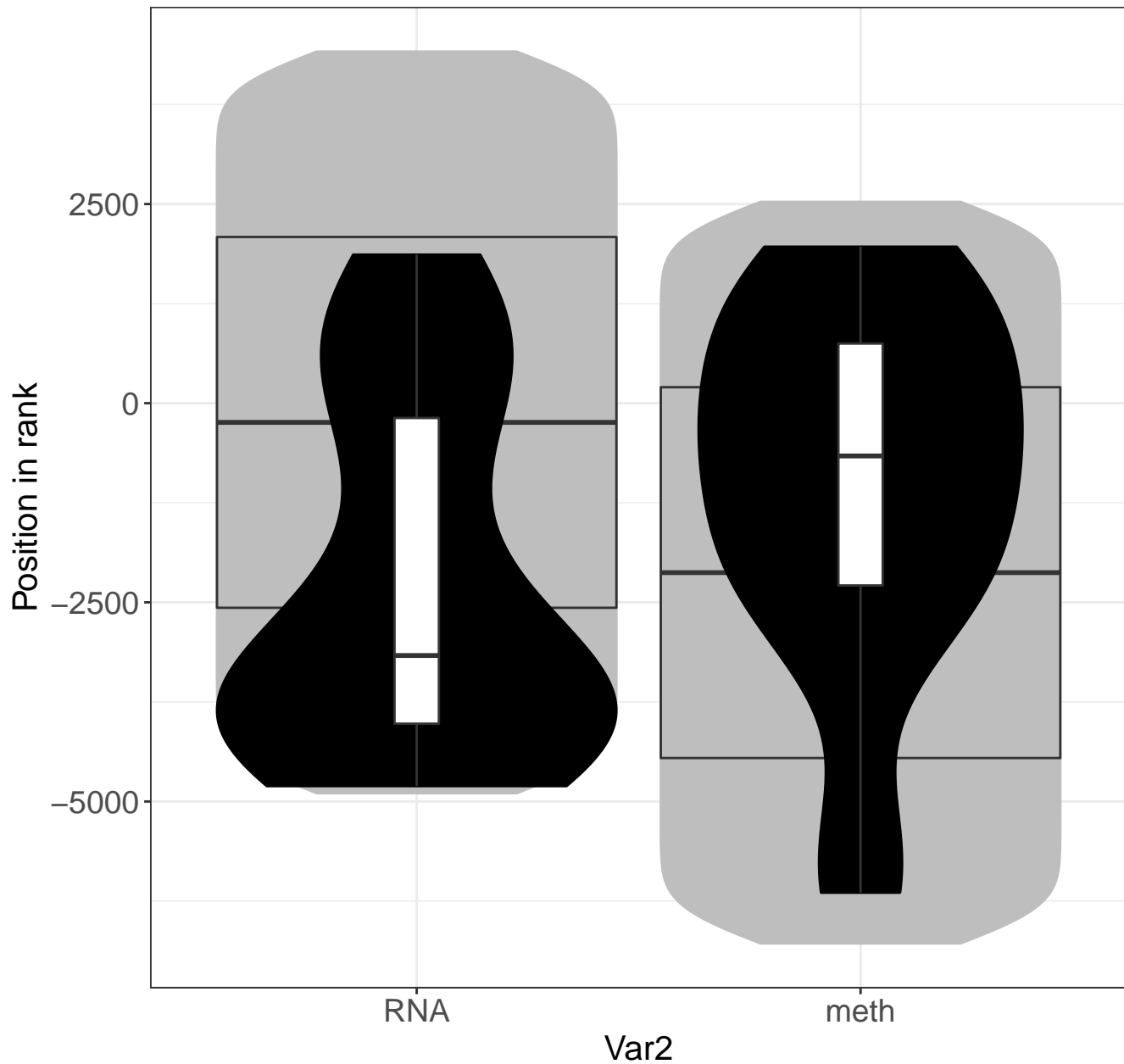
Activation of ATR in response to replication stress



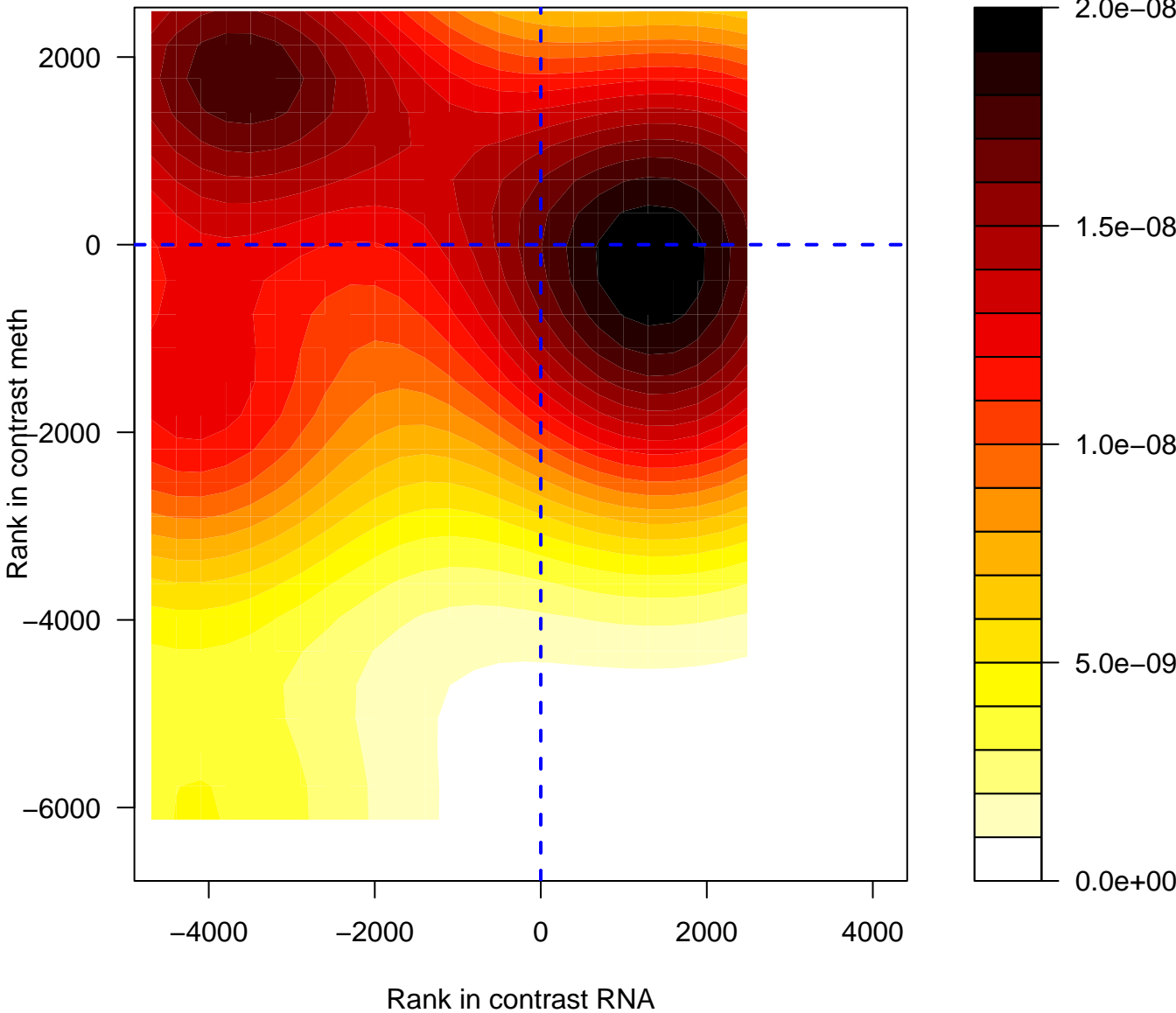
Activation of ATR in response to replication stress



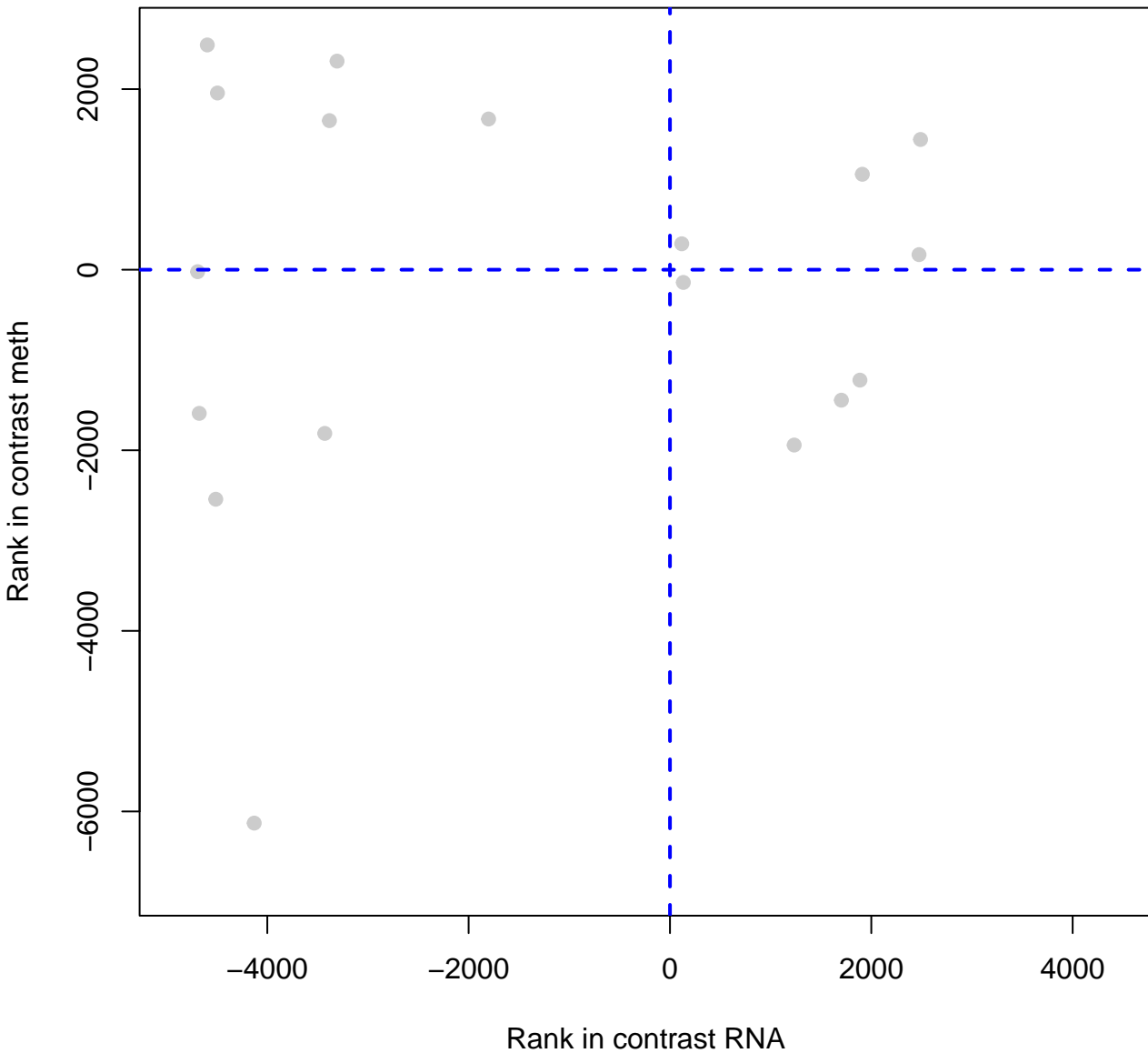
Activation of ATR in response to replication stress



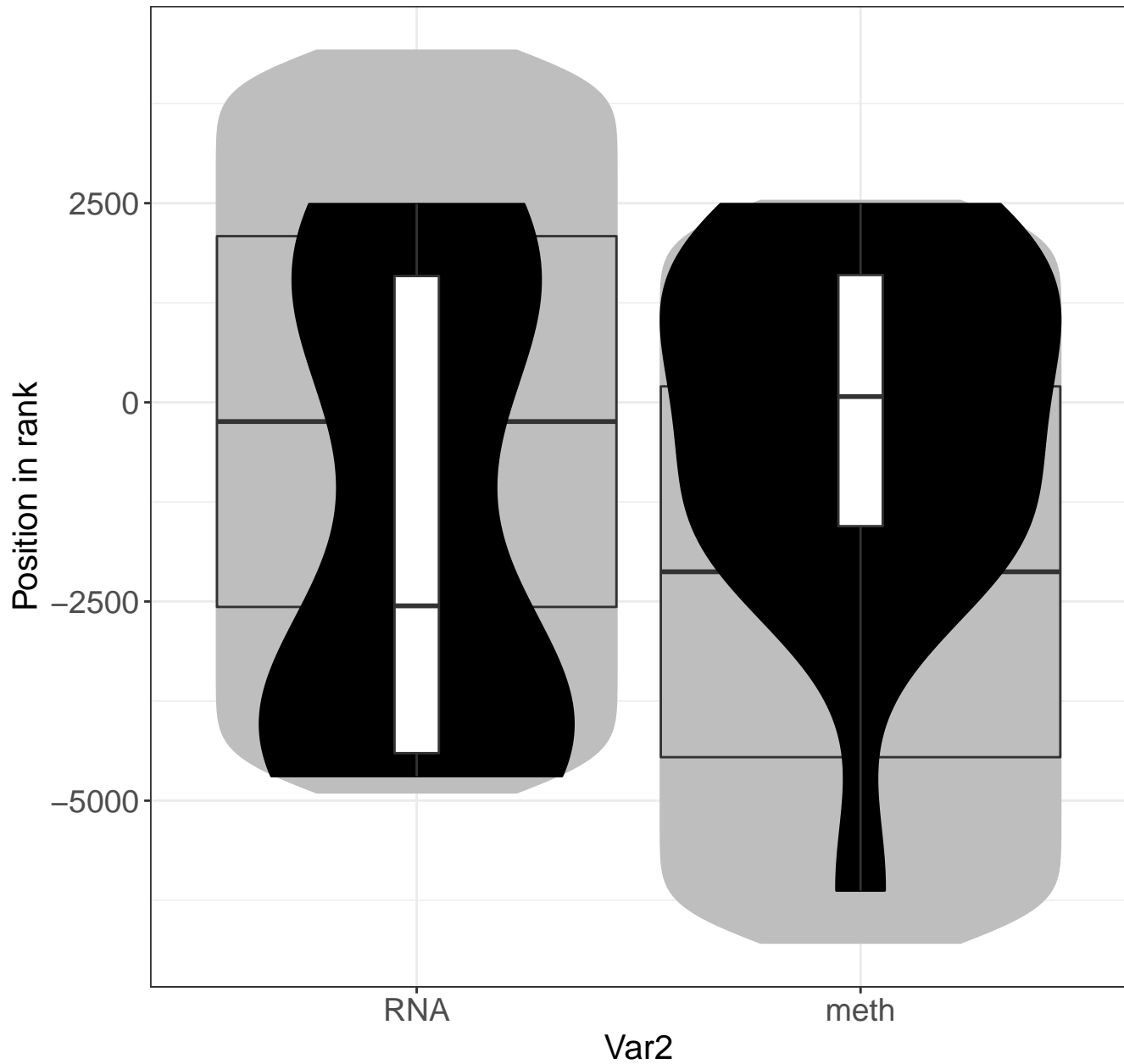
CD28 dependent PI3K/Akt signaling



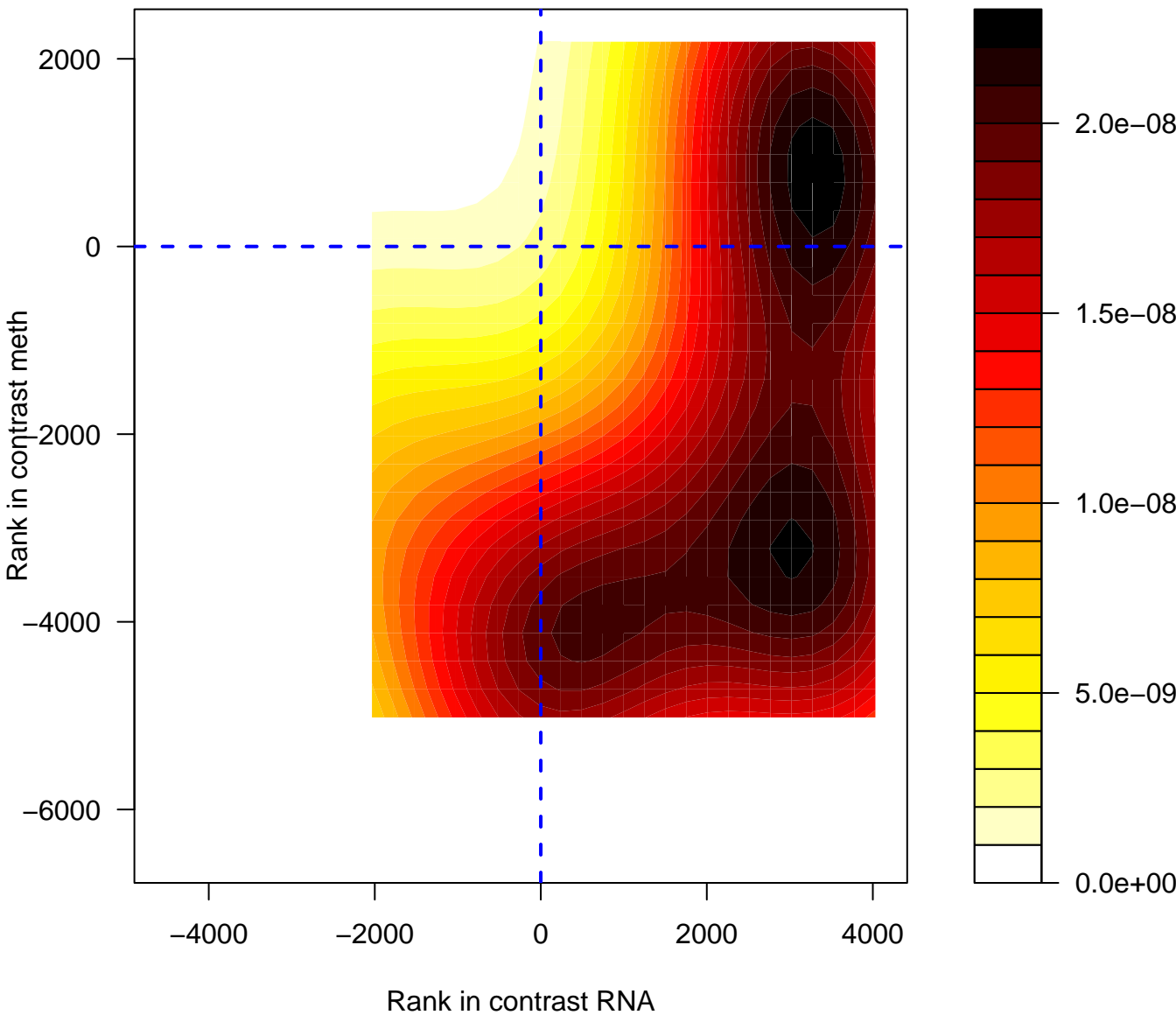
CD28 dependent PI3K/Akt signaling



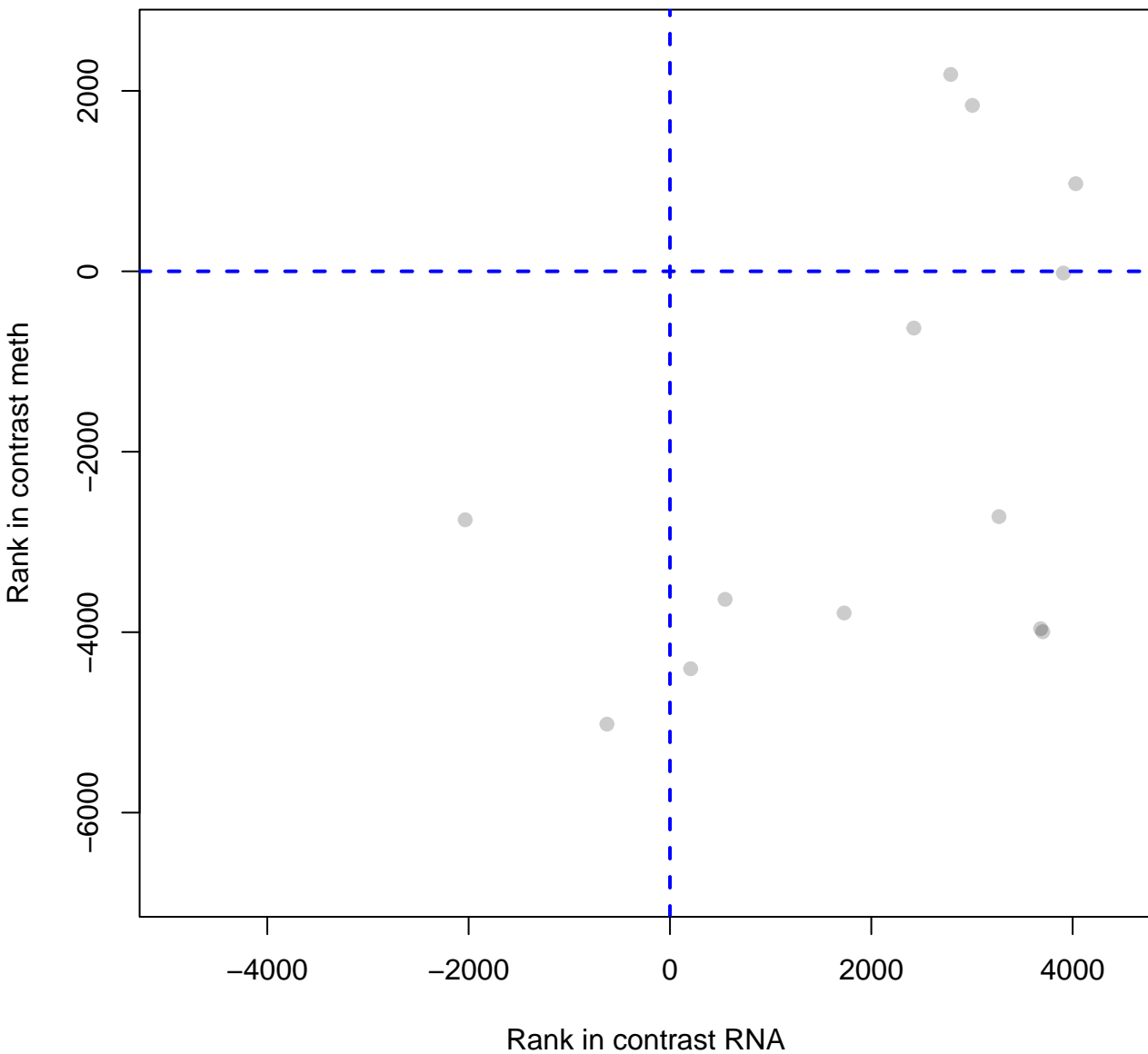
CD28 dependent PI3K/Akt signaling



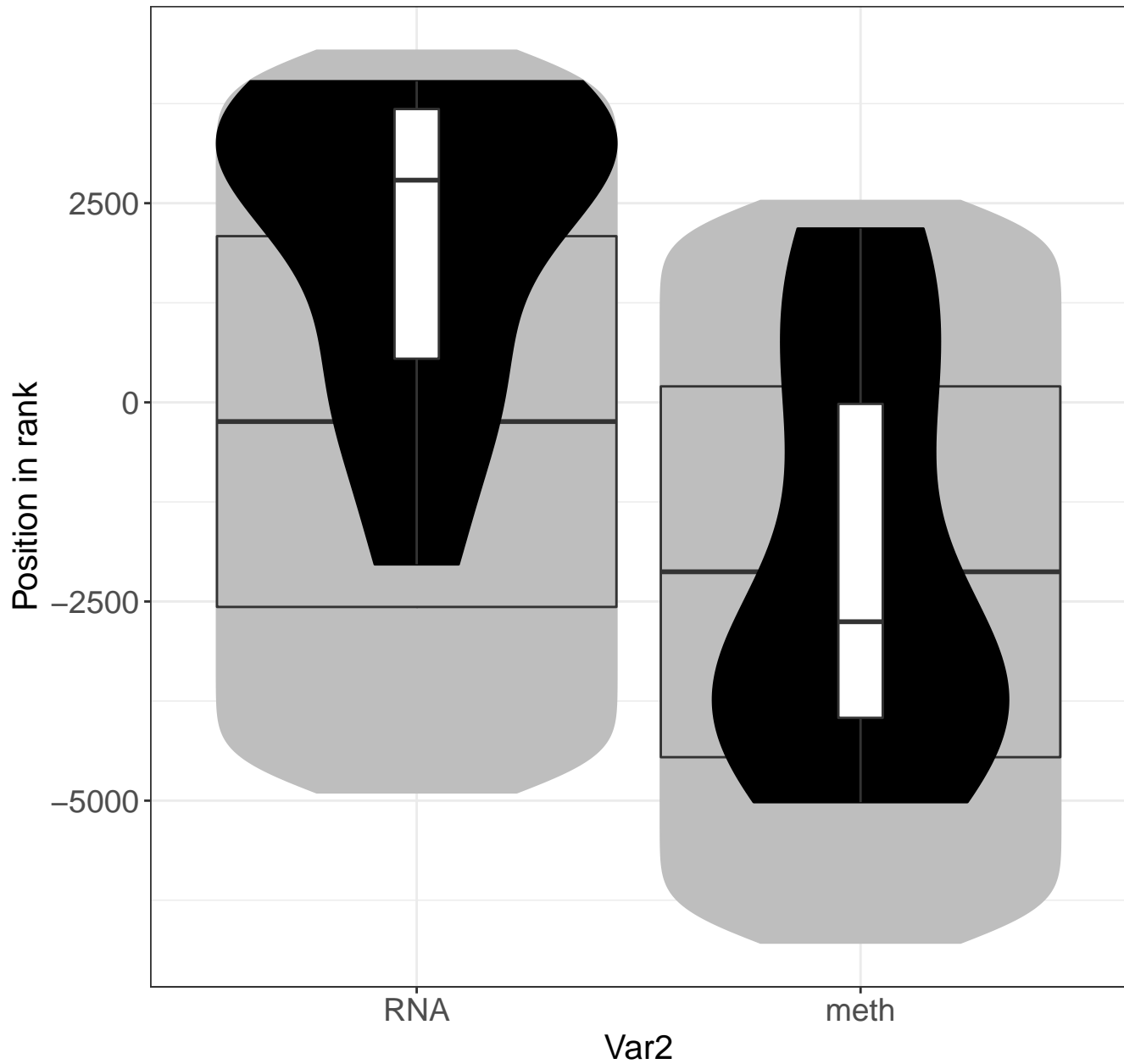
RHO GTPases activate PAKs



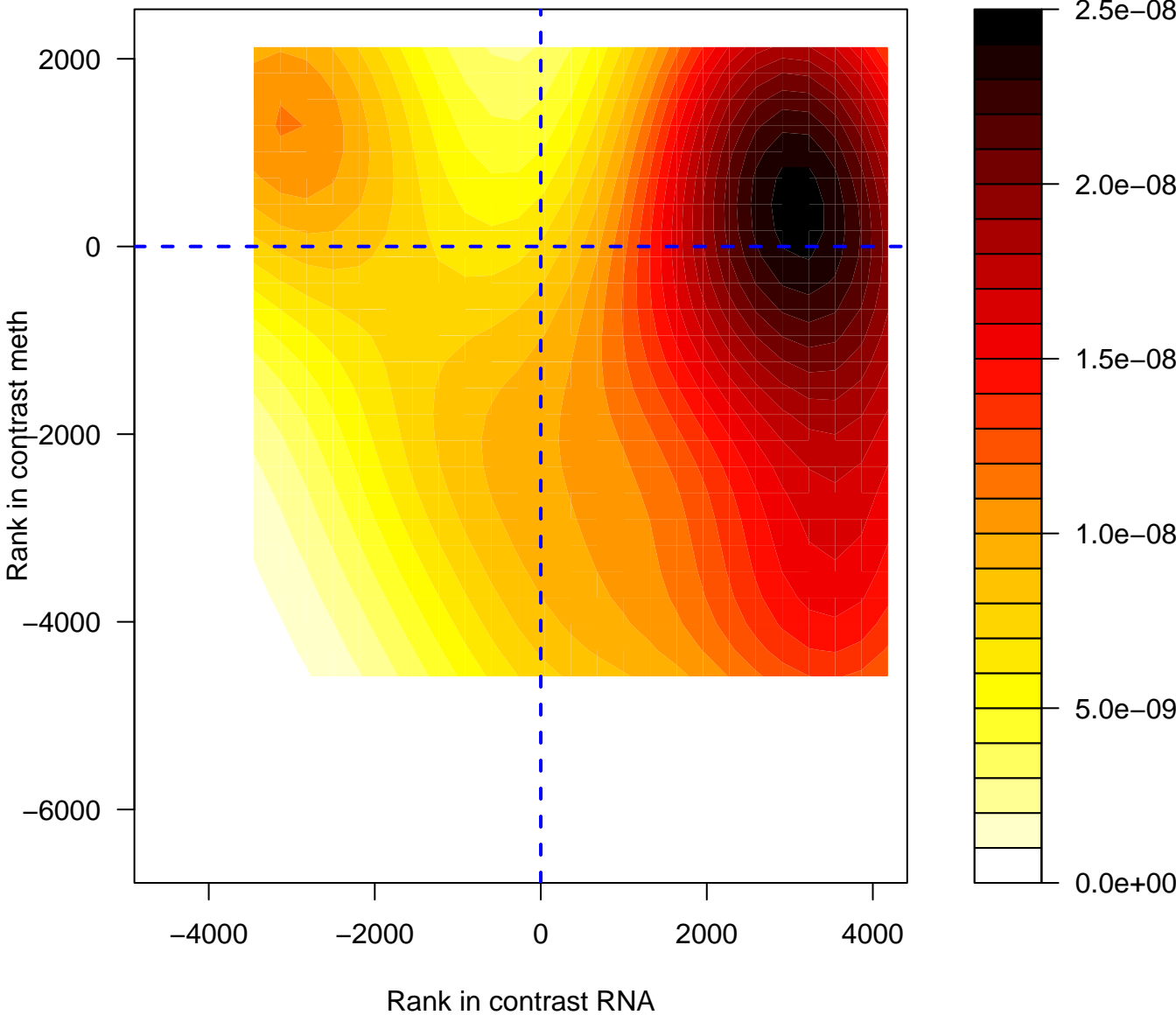
RHO GTPases activate PAKs



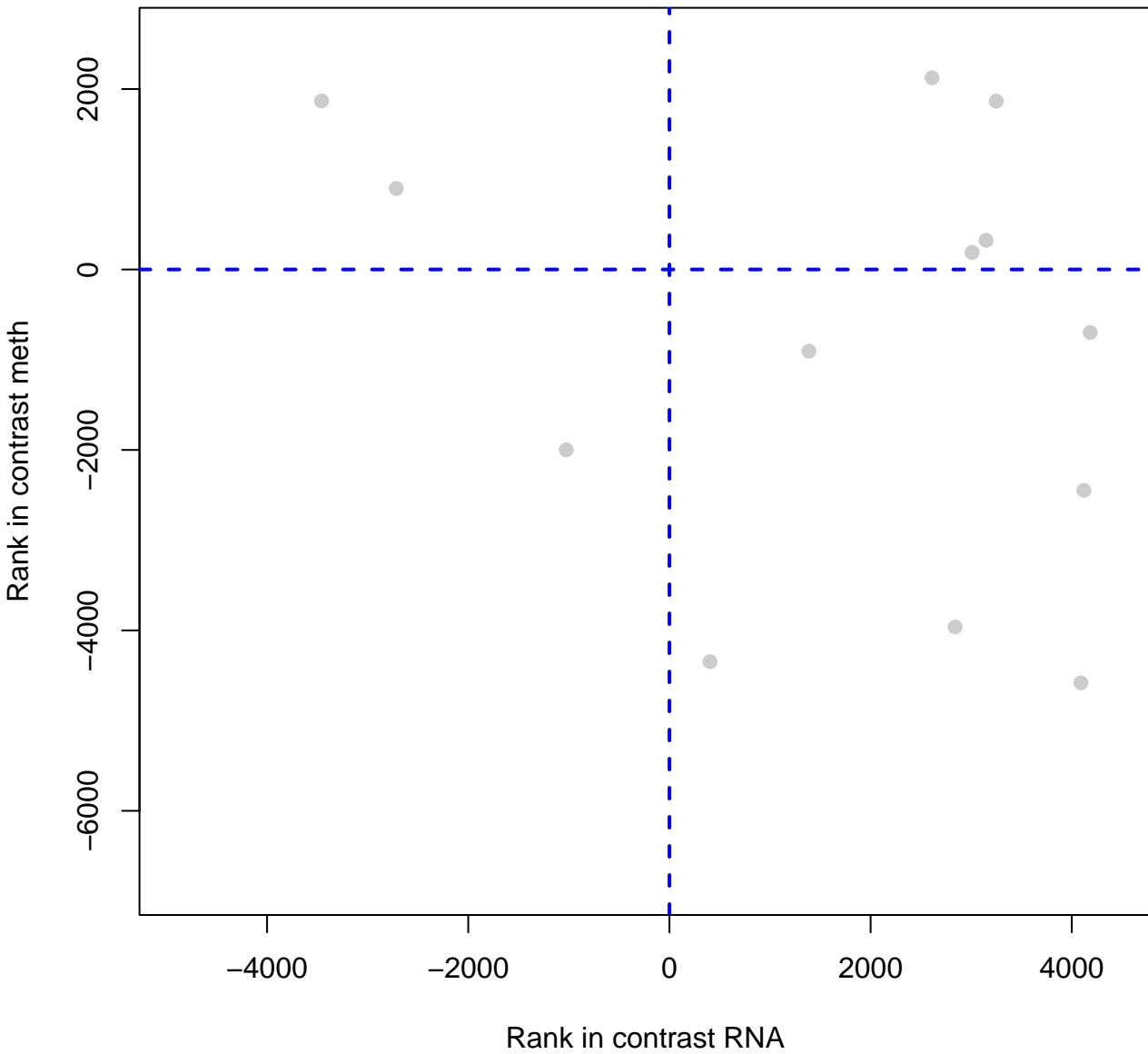
RHO GTPases activate PAKs



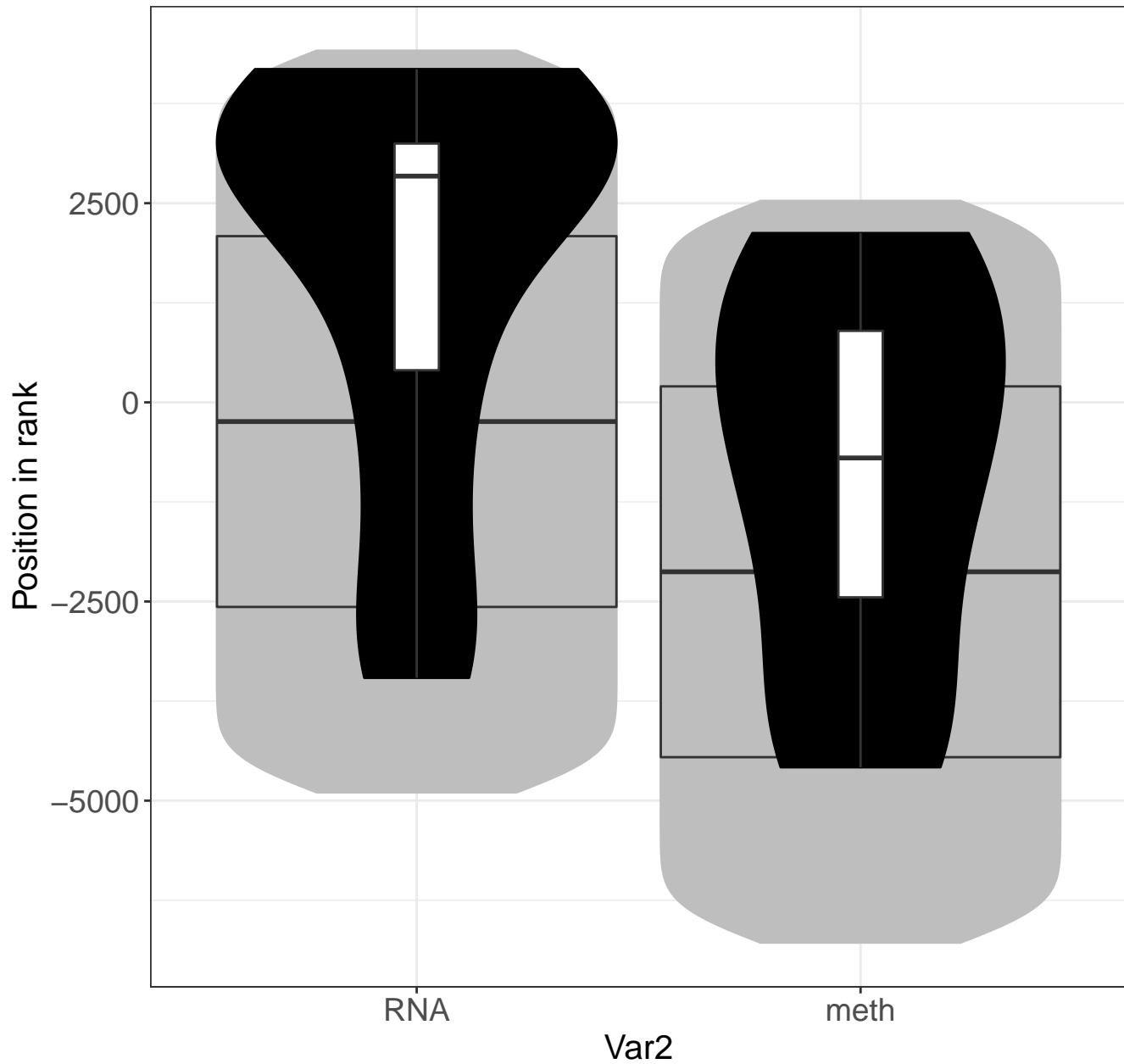
Prolonged ERK activation events



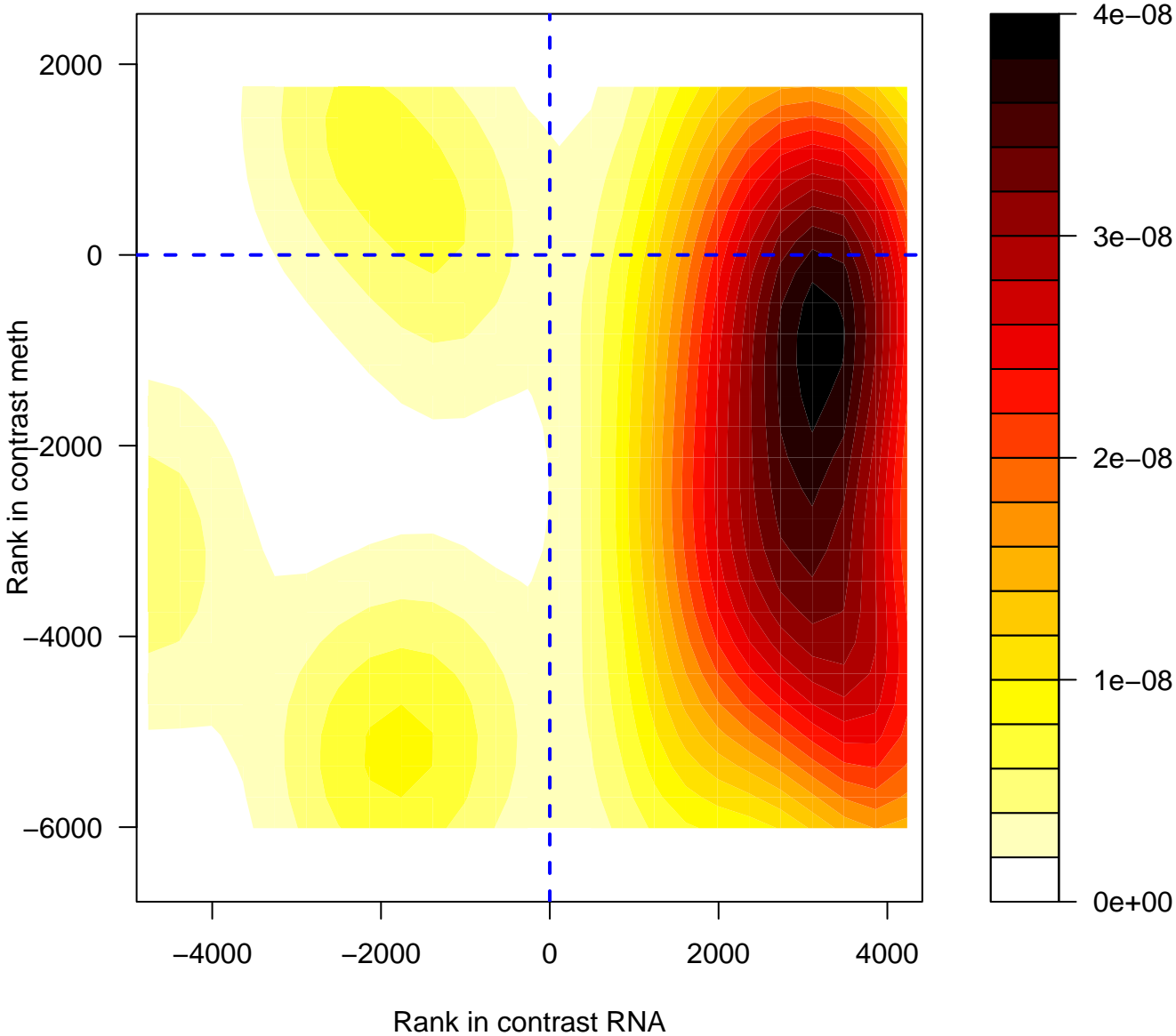
Prolonged ERK activation events



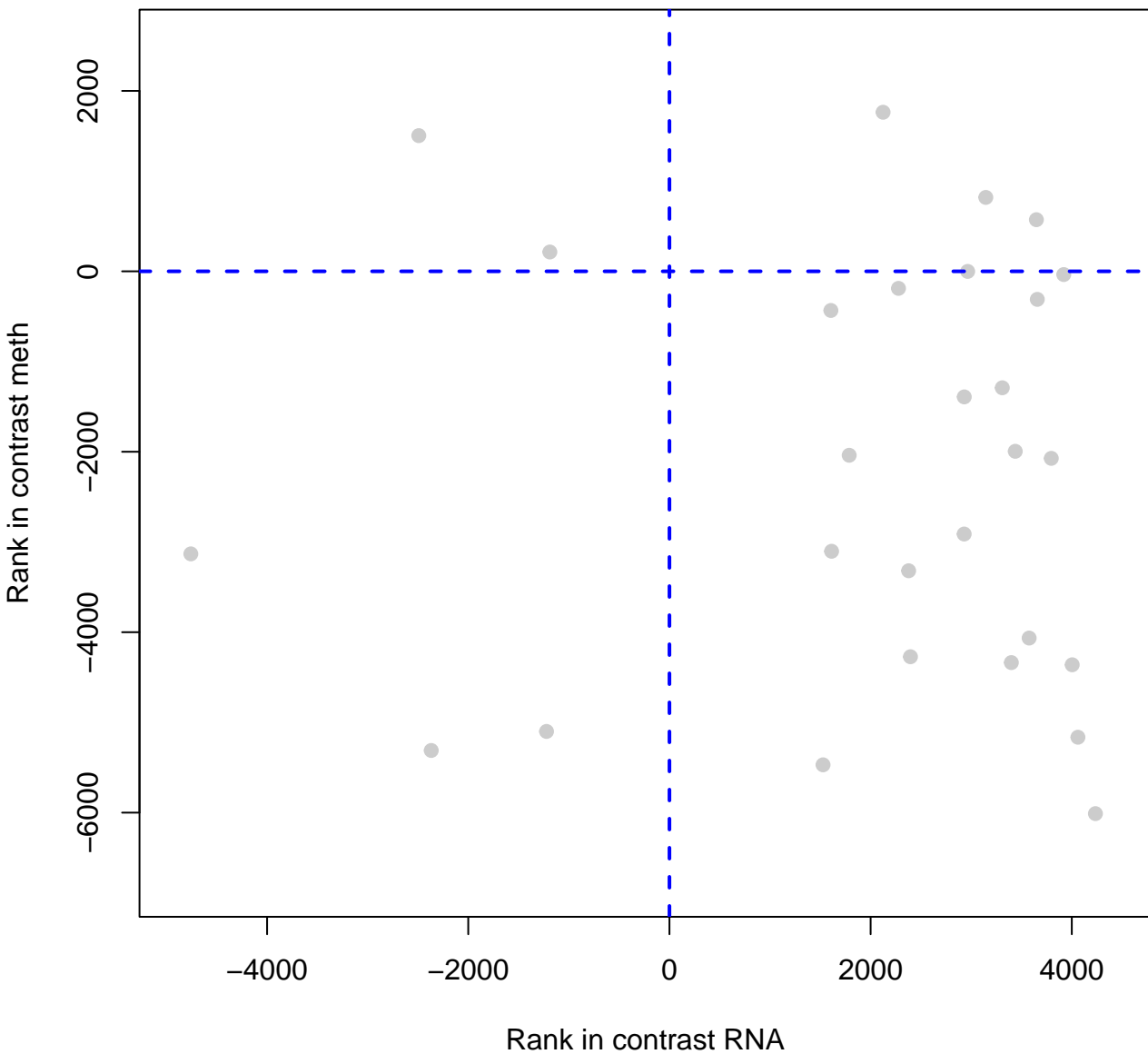
Prolonged ERK activation events



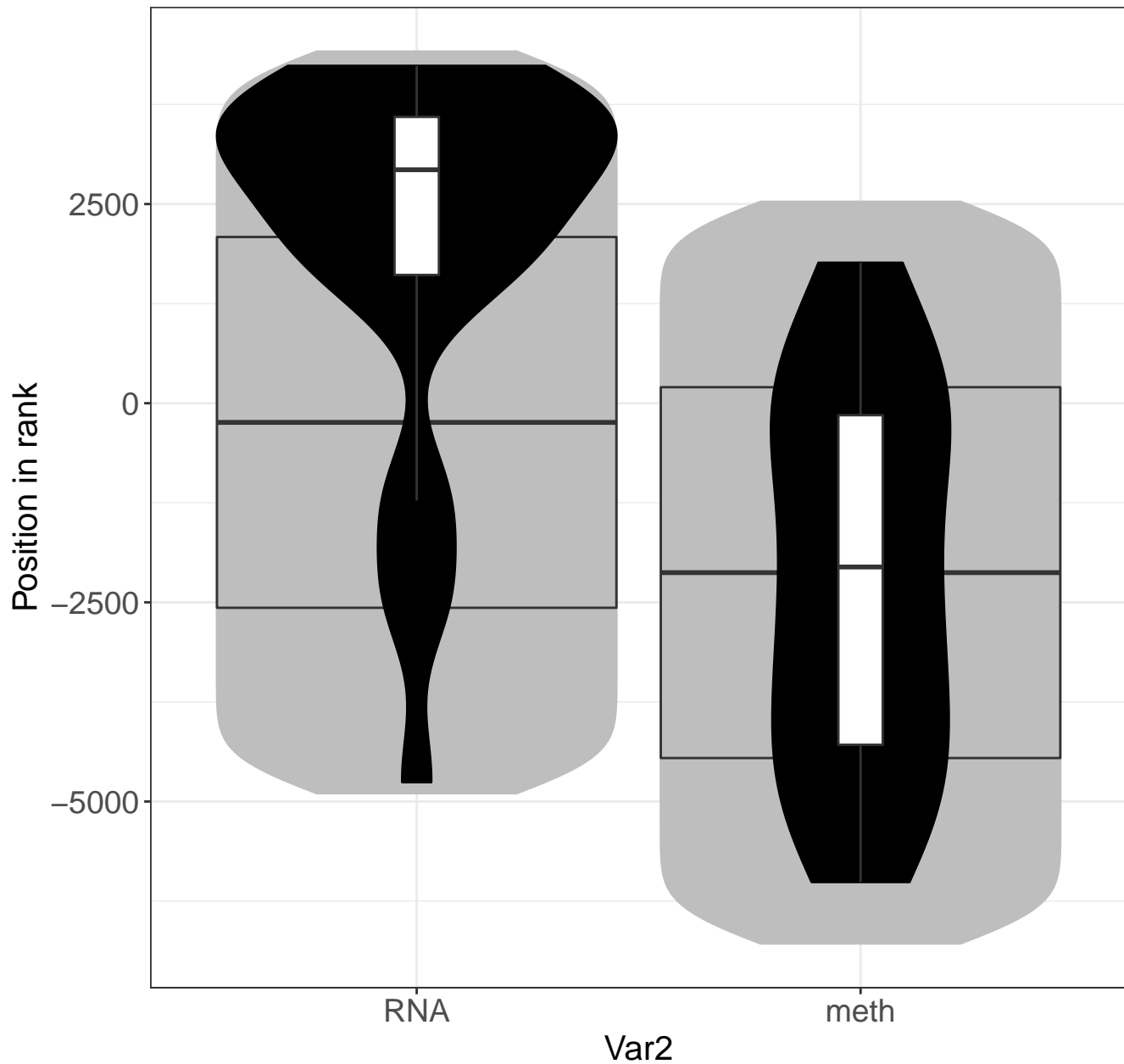
COPI-independent Golgi-to-ER retrograde traffic



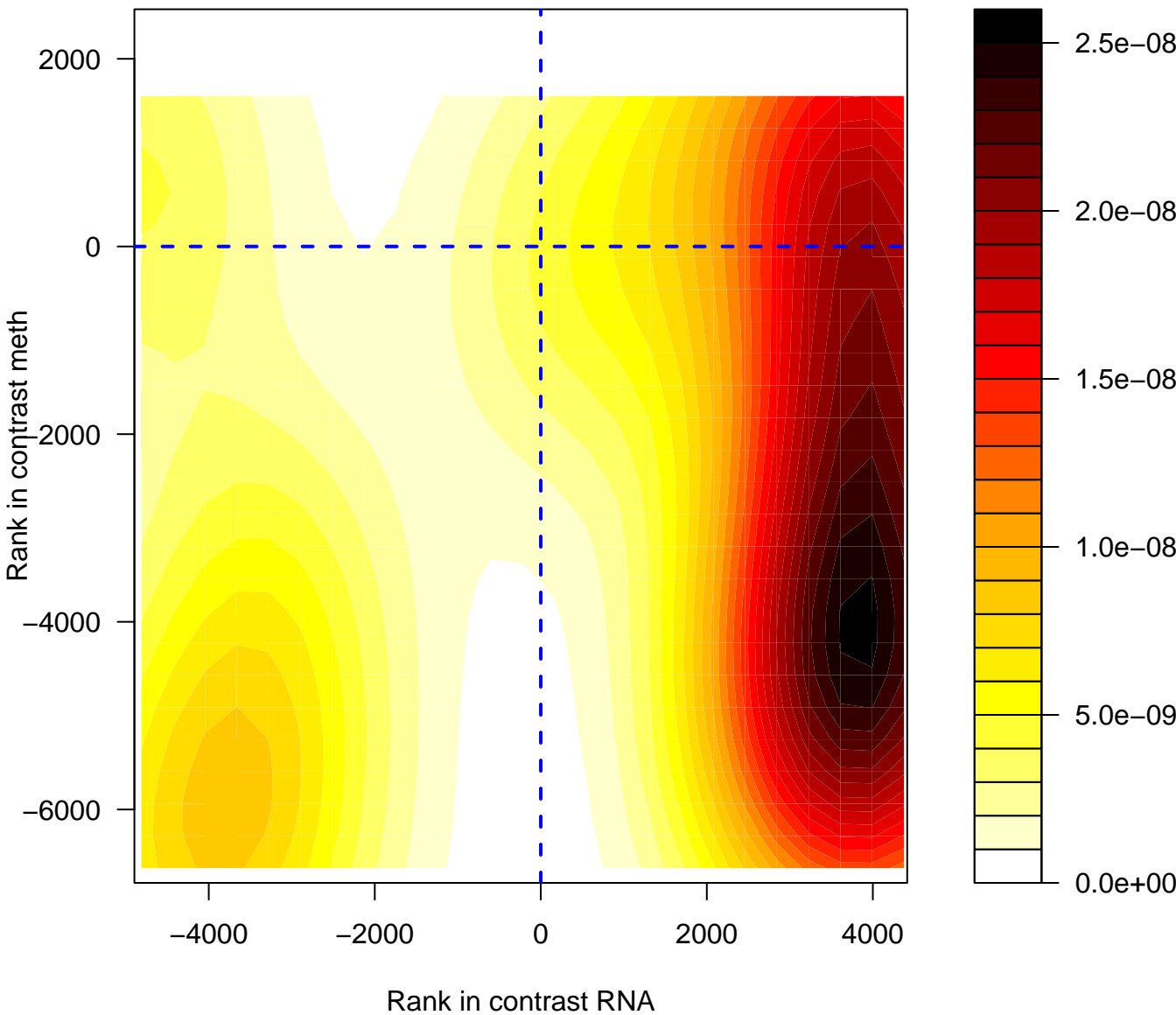
COPI-independent Golgi-to-ER retrograde traffic



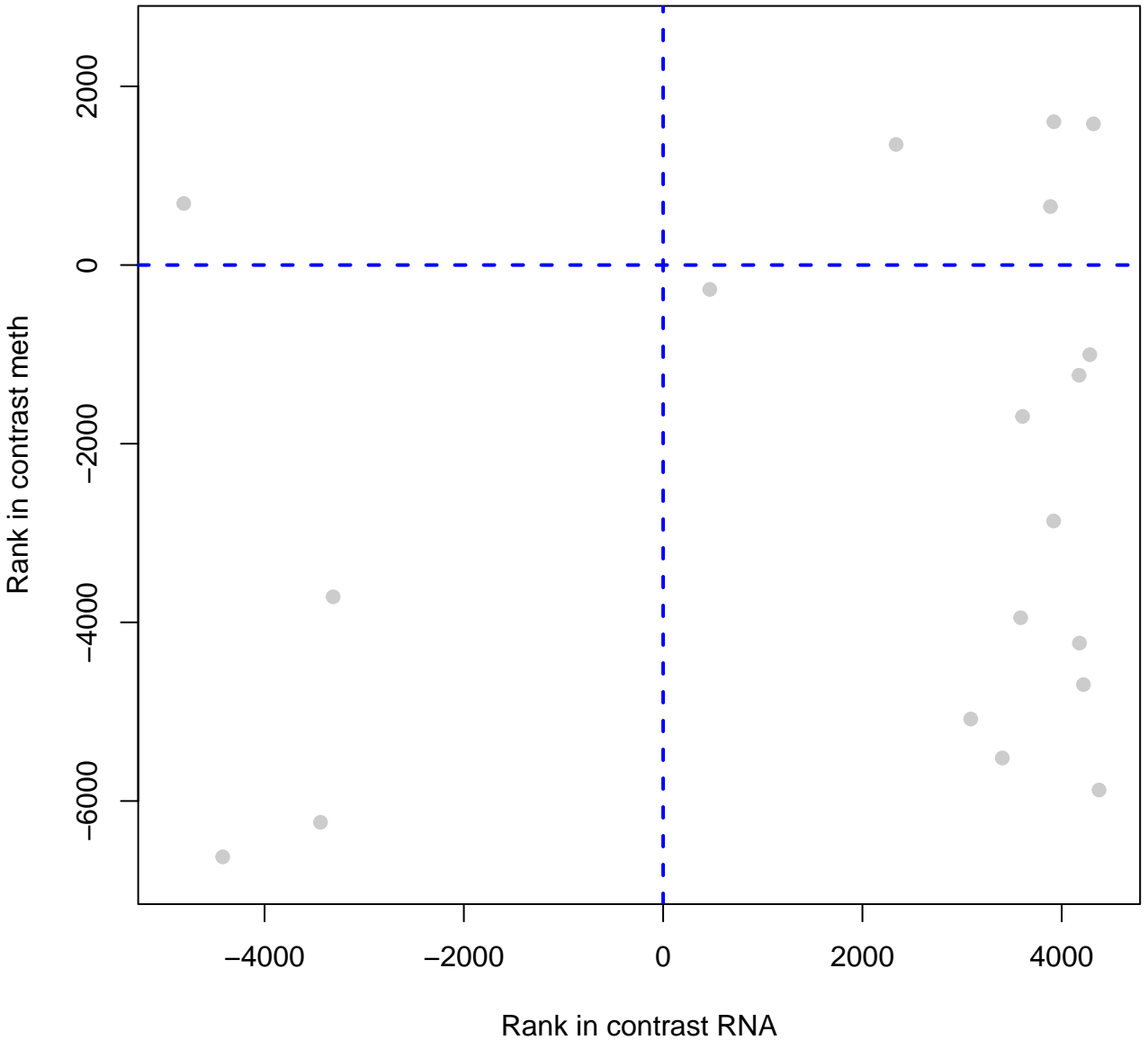
COPI-independent Golgi-to-ER retrograde traffic



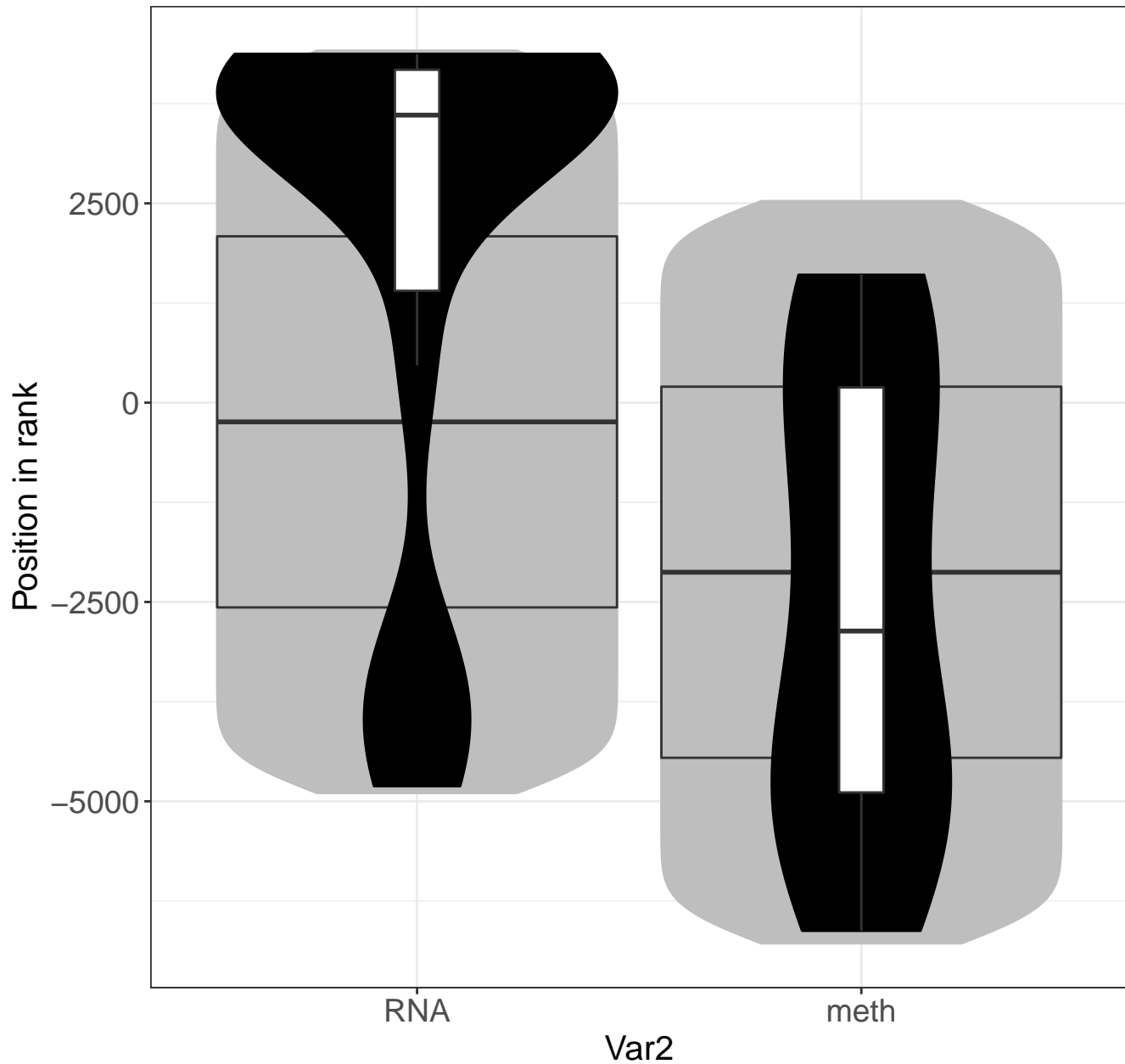
Transferrin endocytosis and recycling



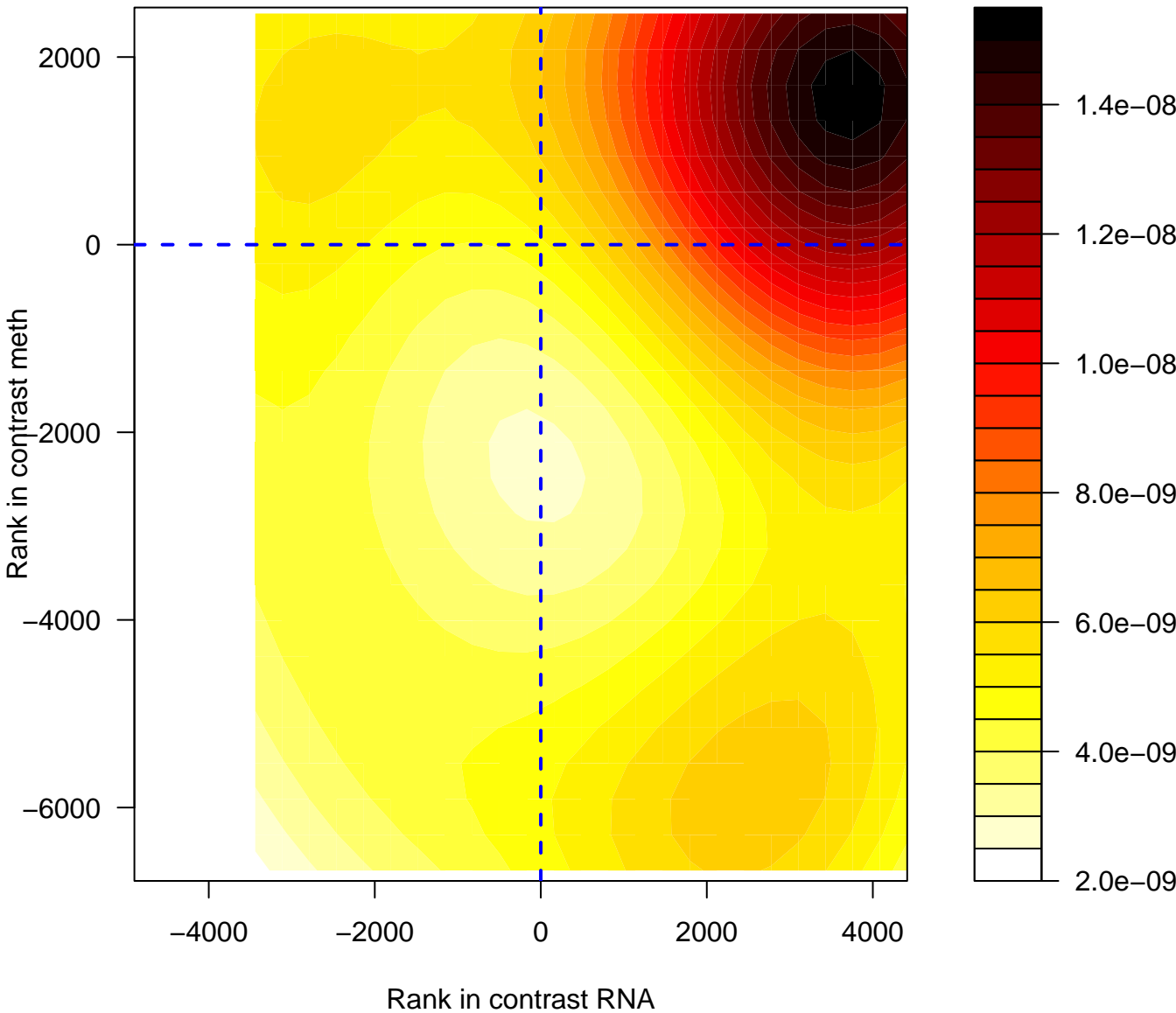
Transferrin endocytosis and recycling



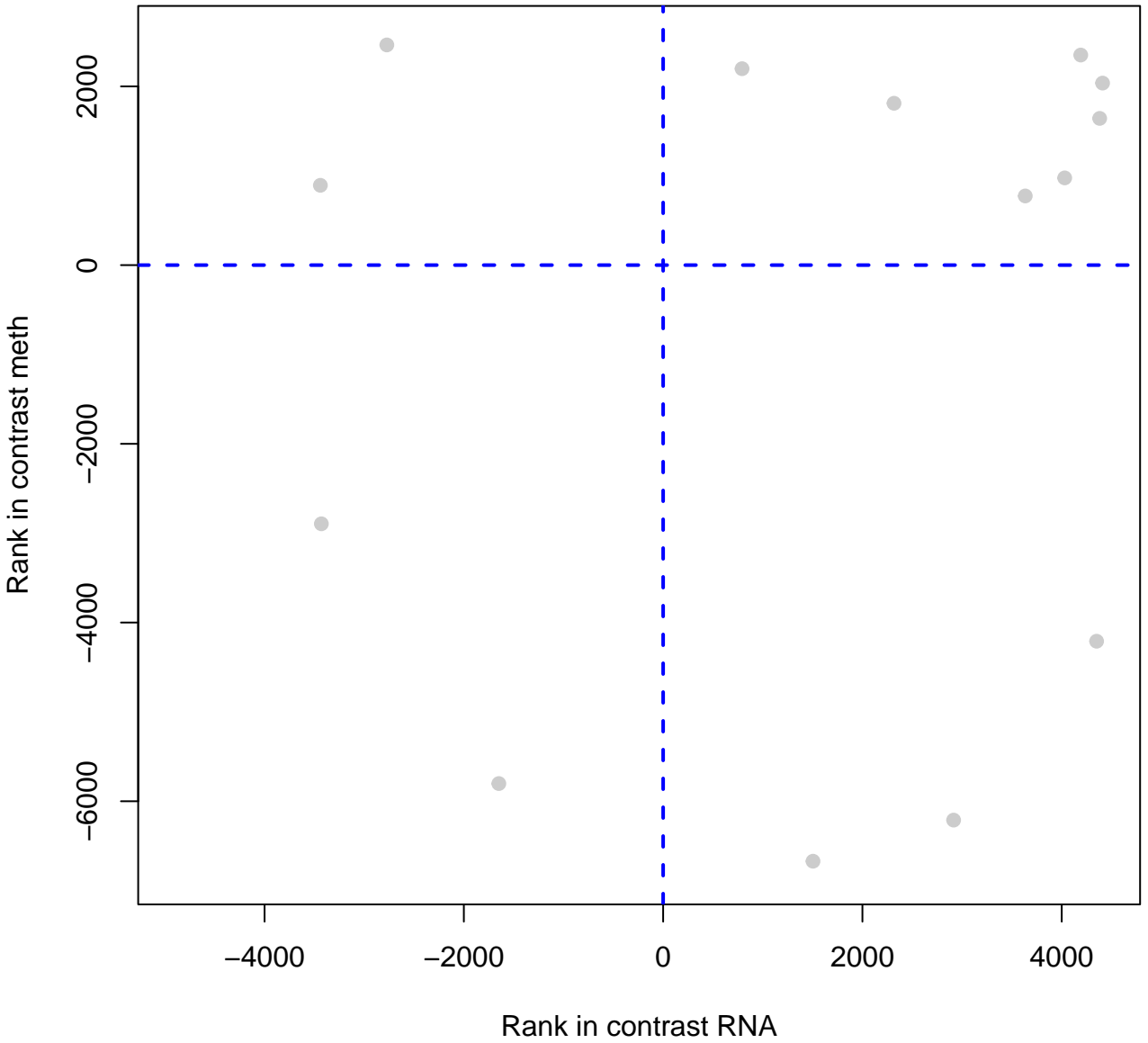
Transferrin endocytosis and recycling



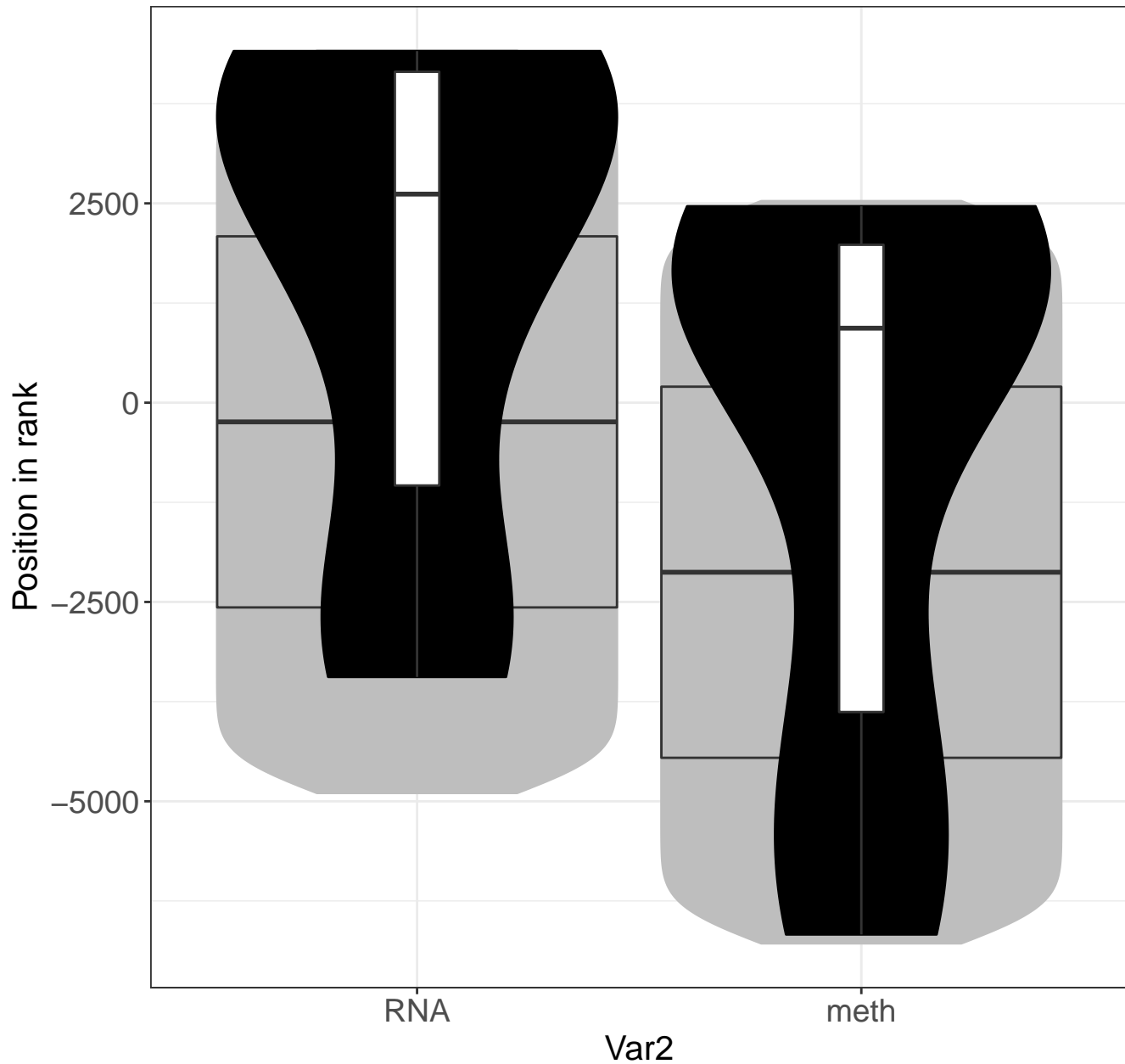
Collagen degradation



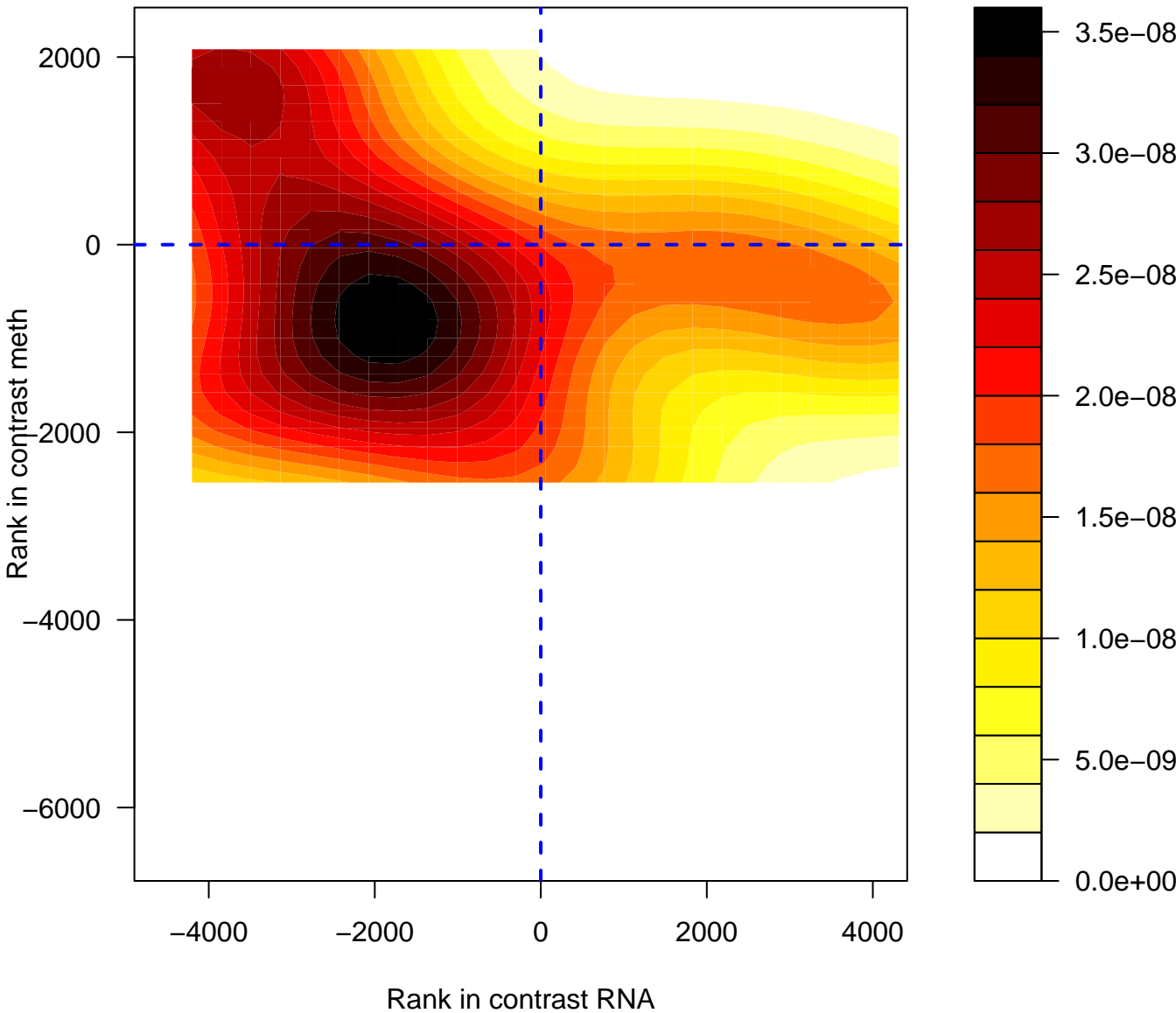
Collagen degradation



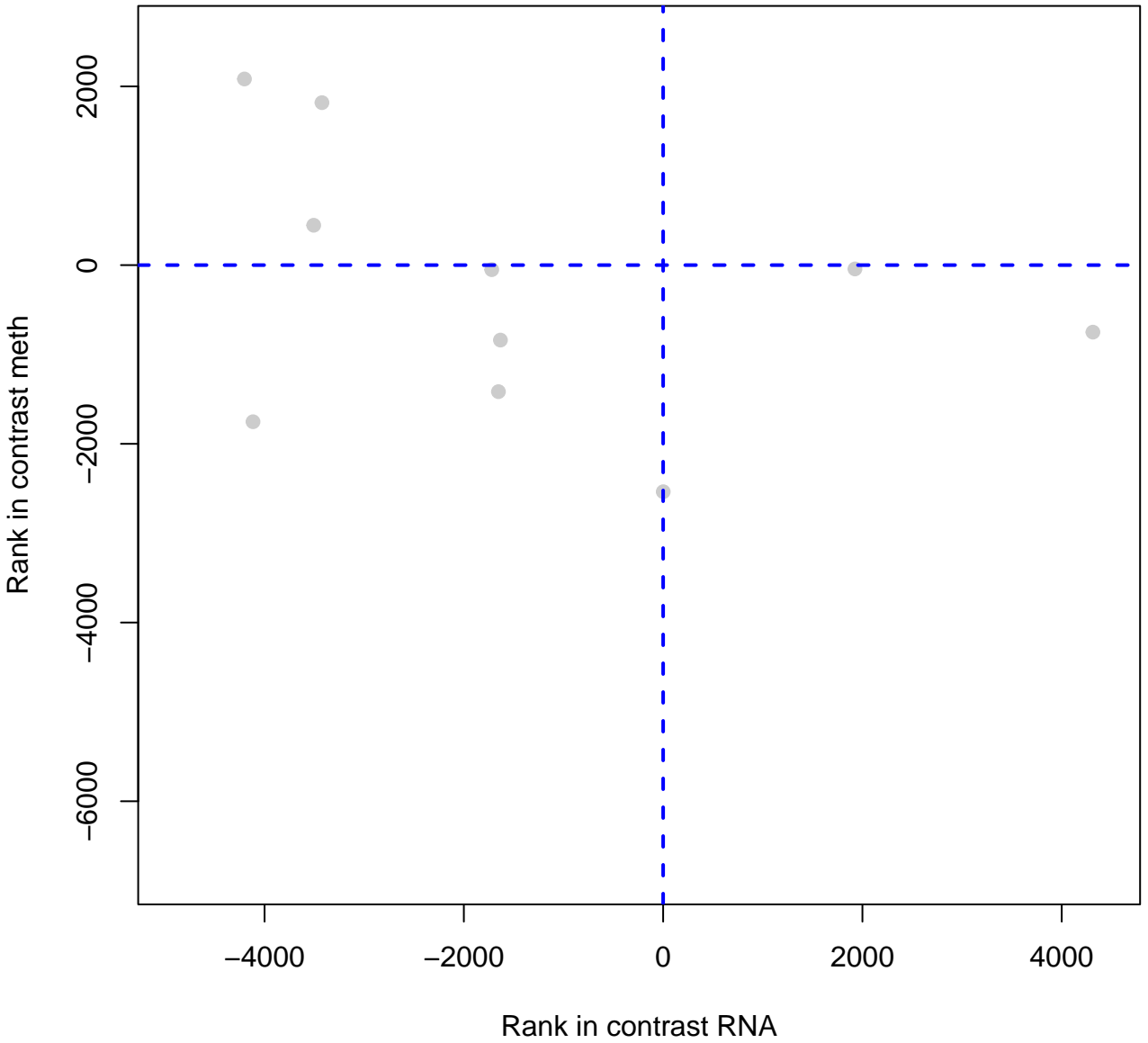
Collagen degradation



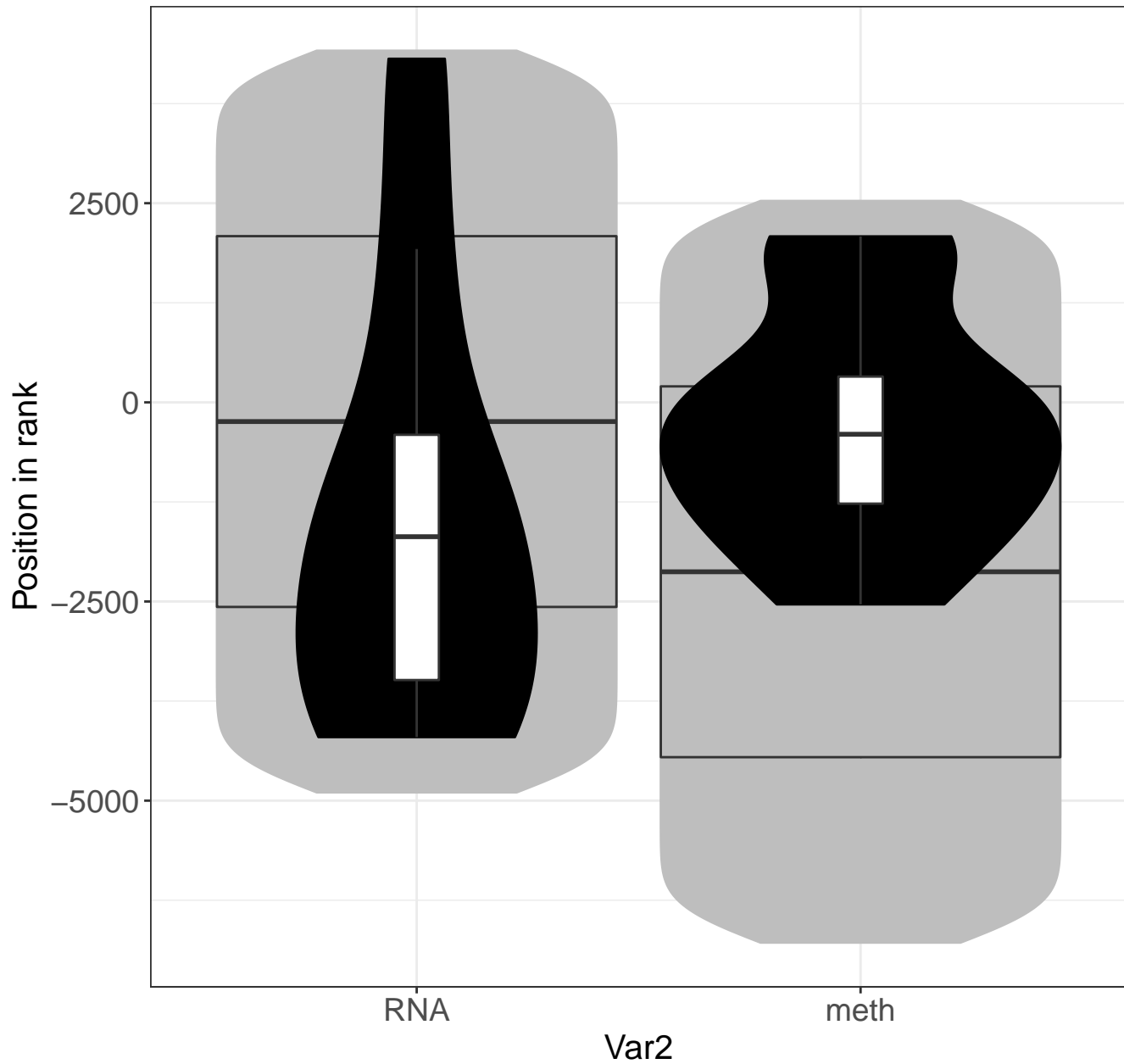
Nucleobase biosynthesis



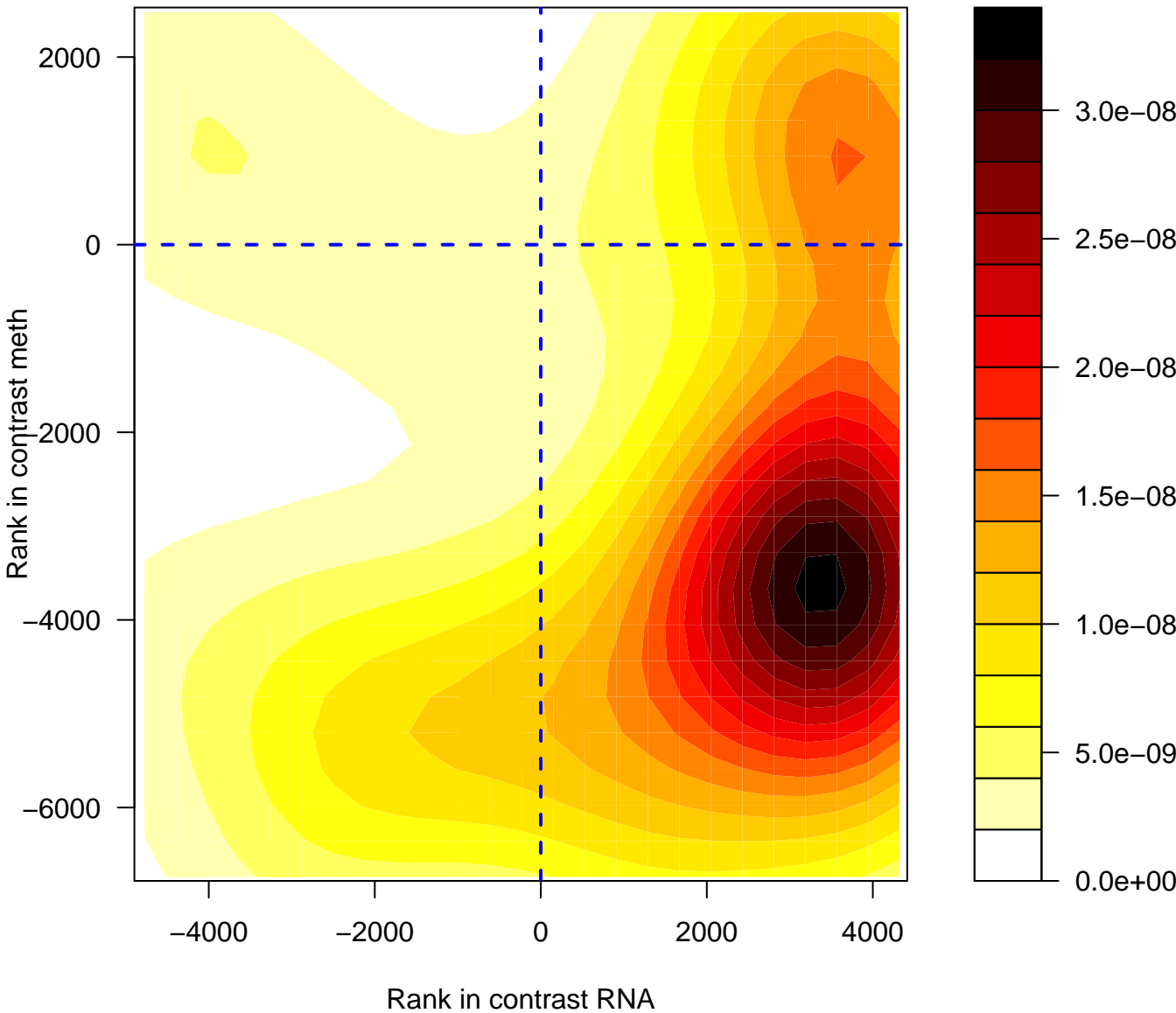
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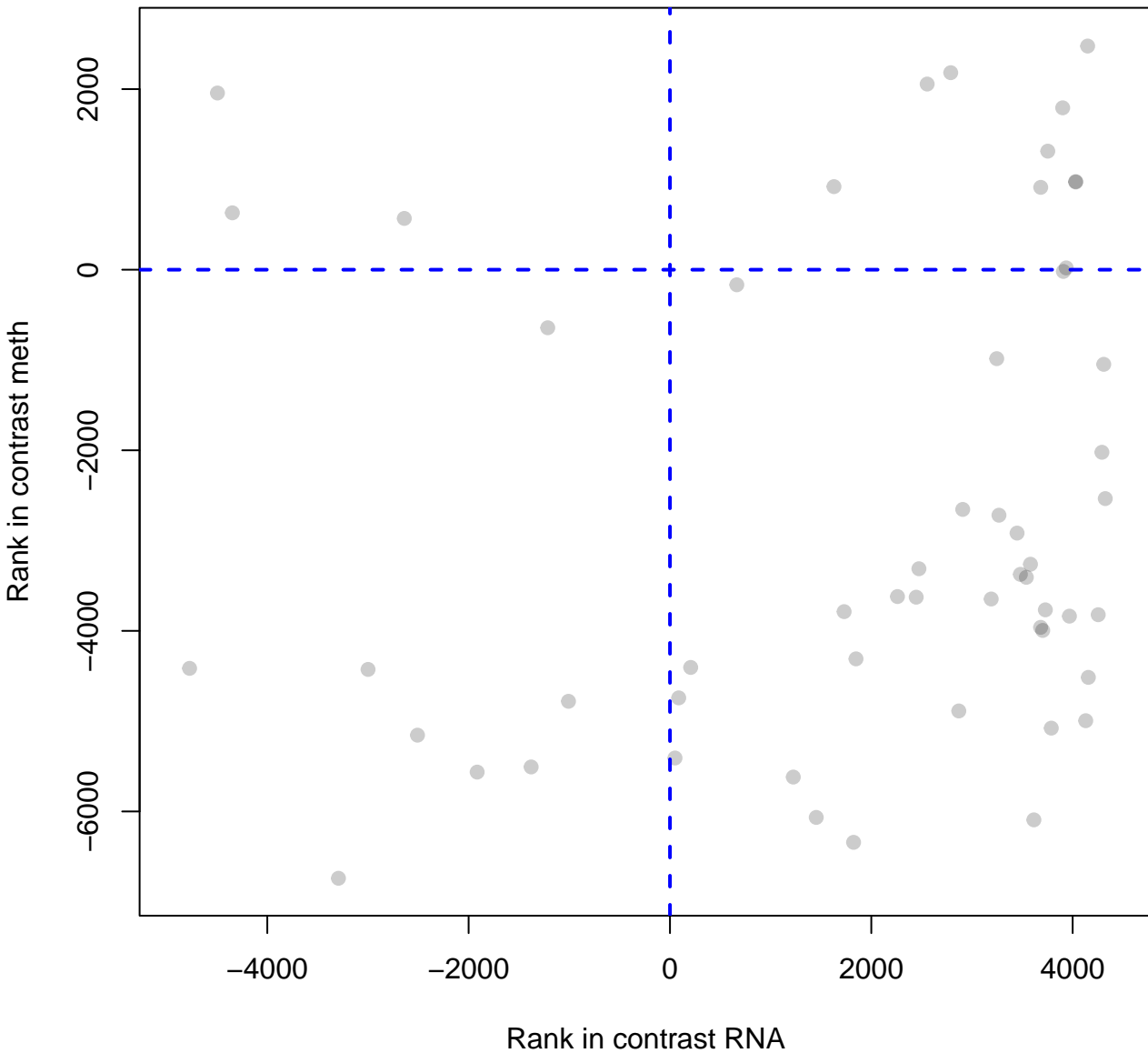
Nucleobase biosynthesis



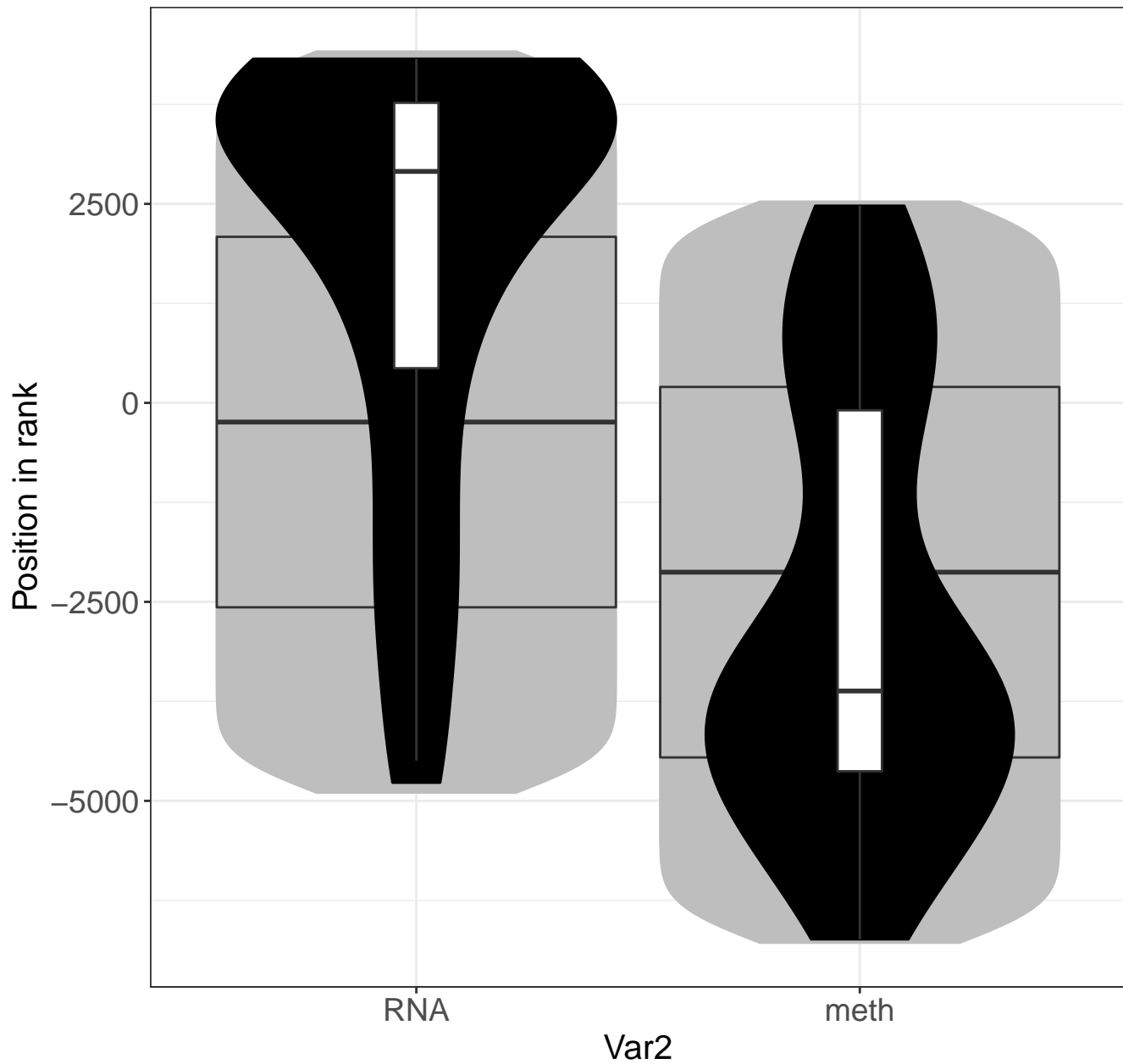
EPH-Ephrin signaling



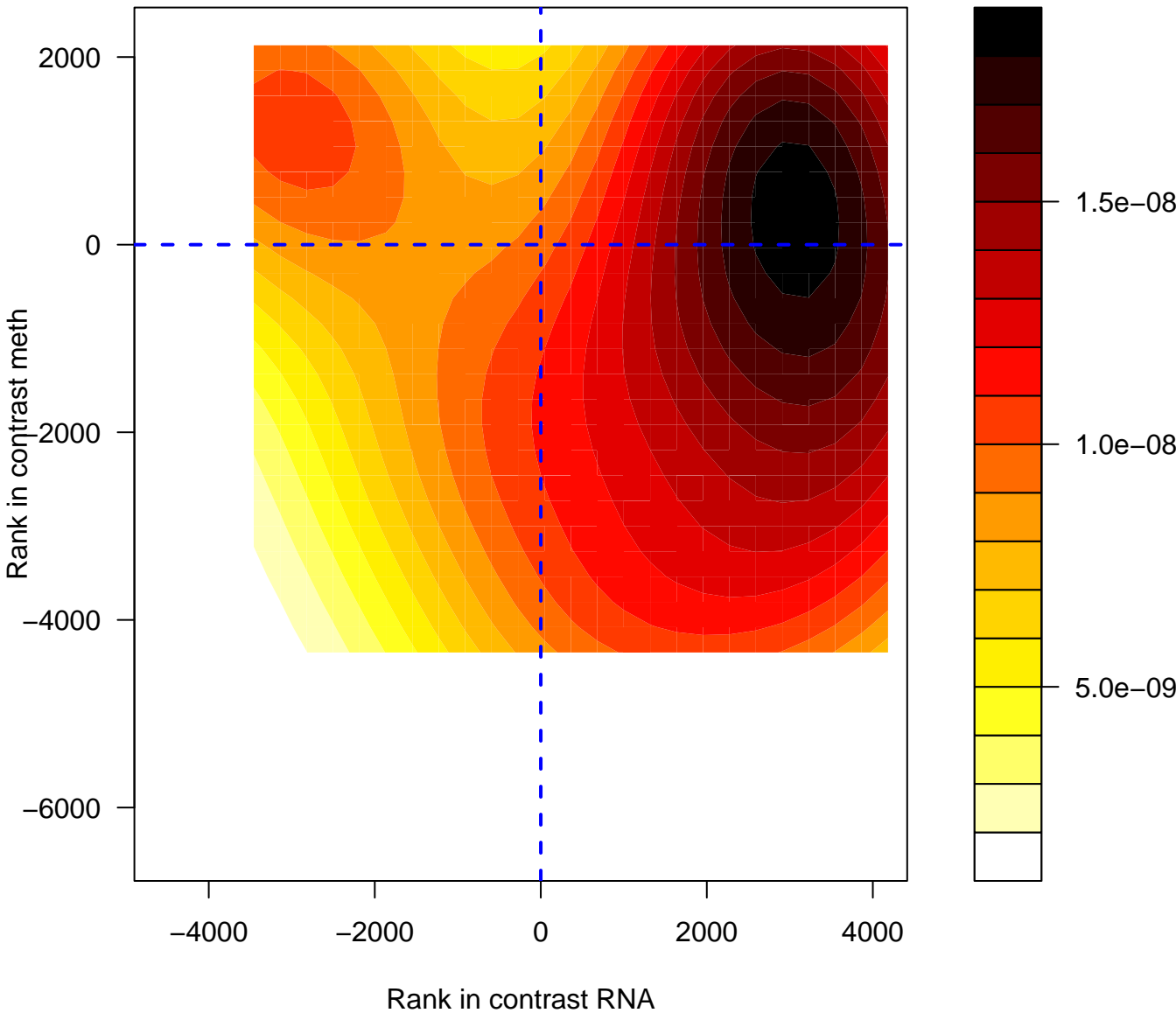
EPH-Ephrin signaling



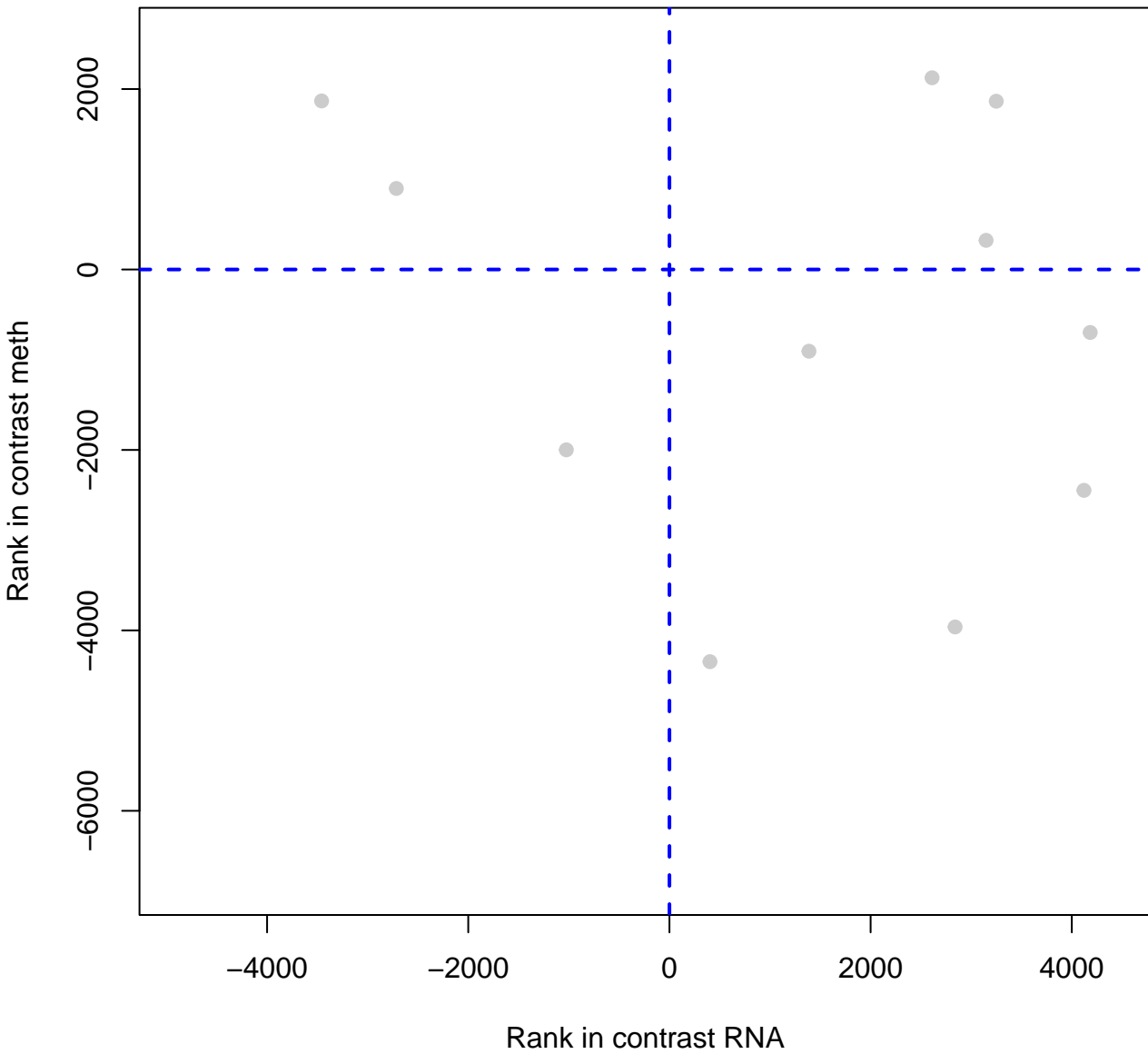
EPH-Ephrin signaling



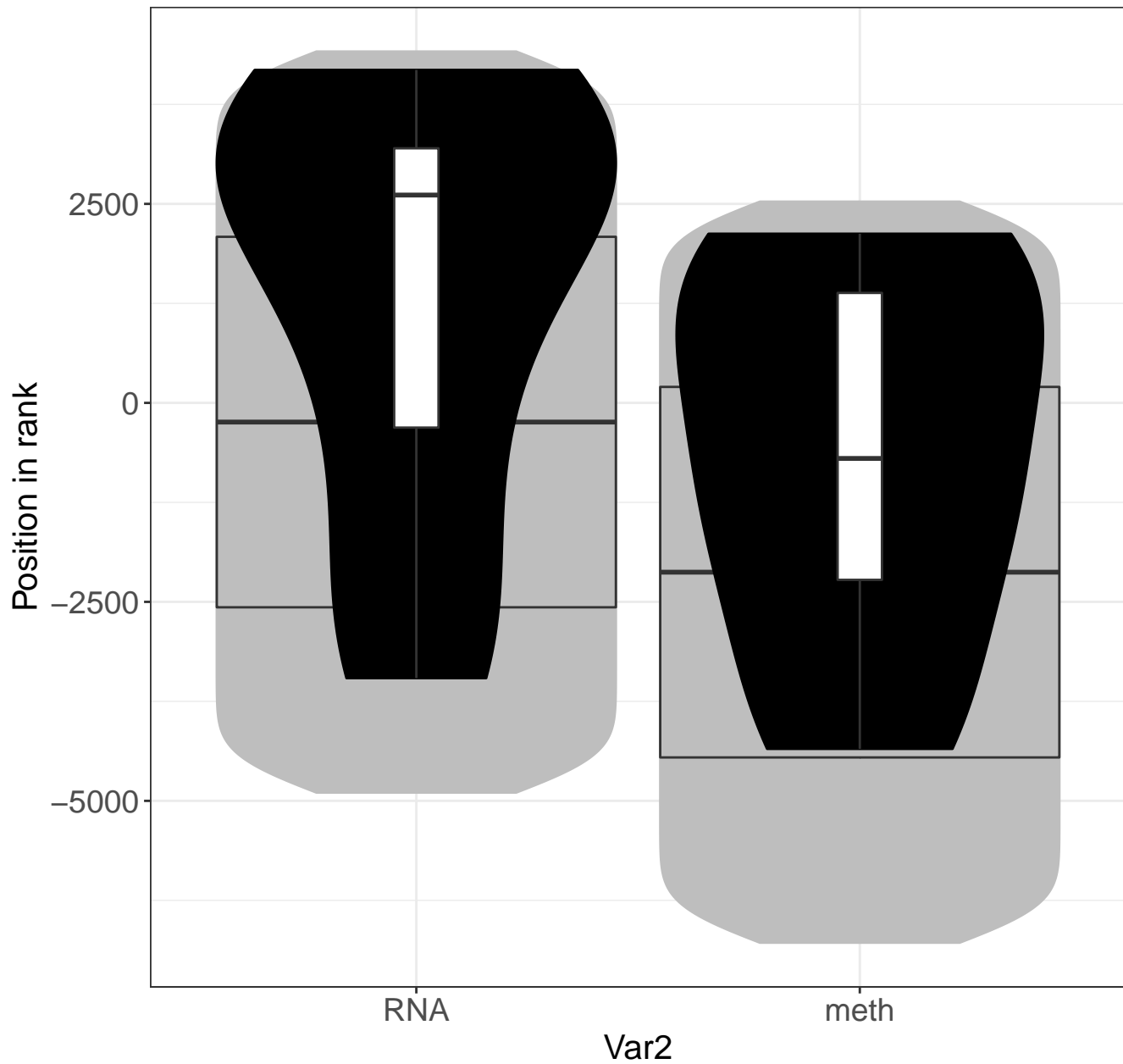
Frs2-mediated activation



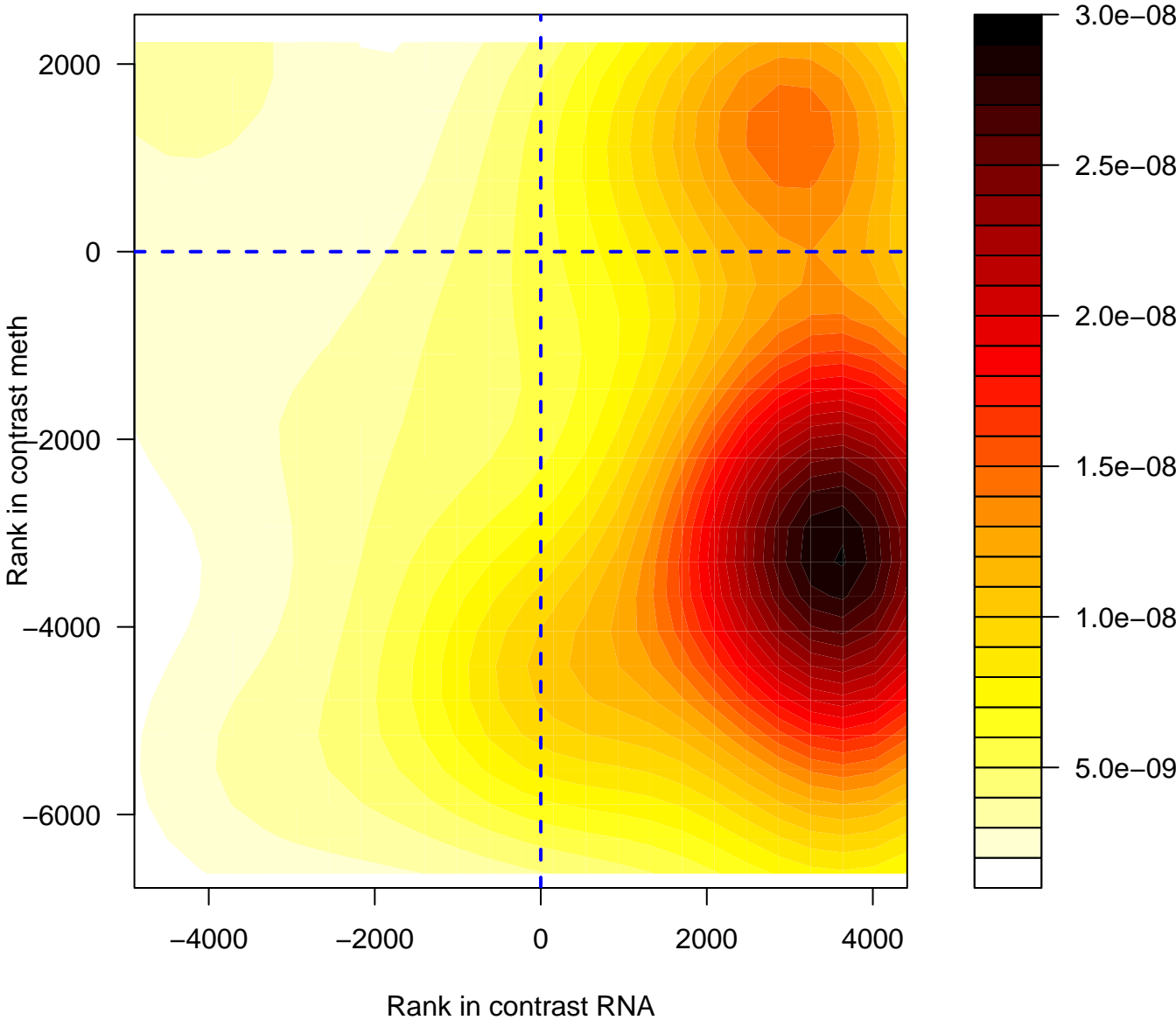
Frs2-mediated activation



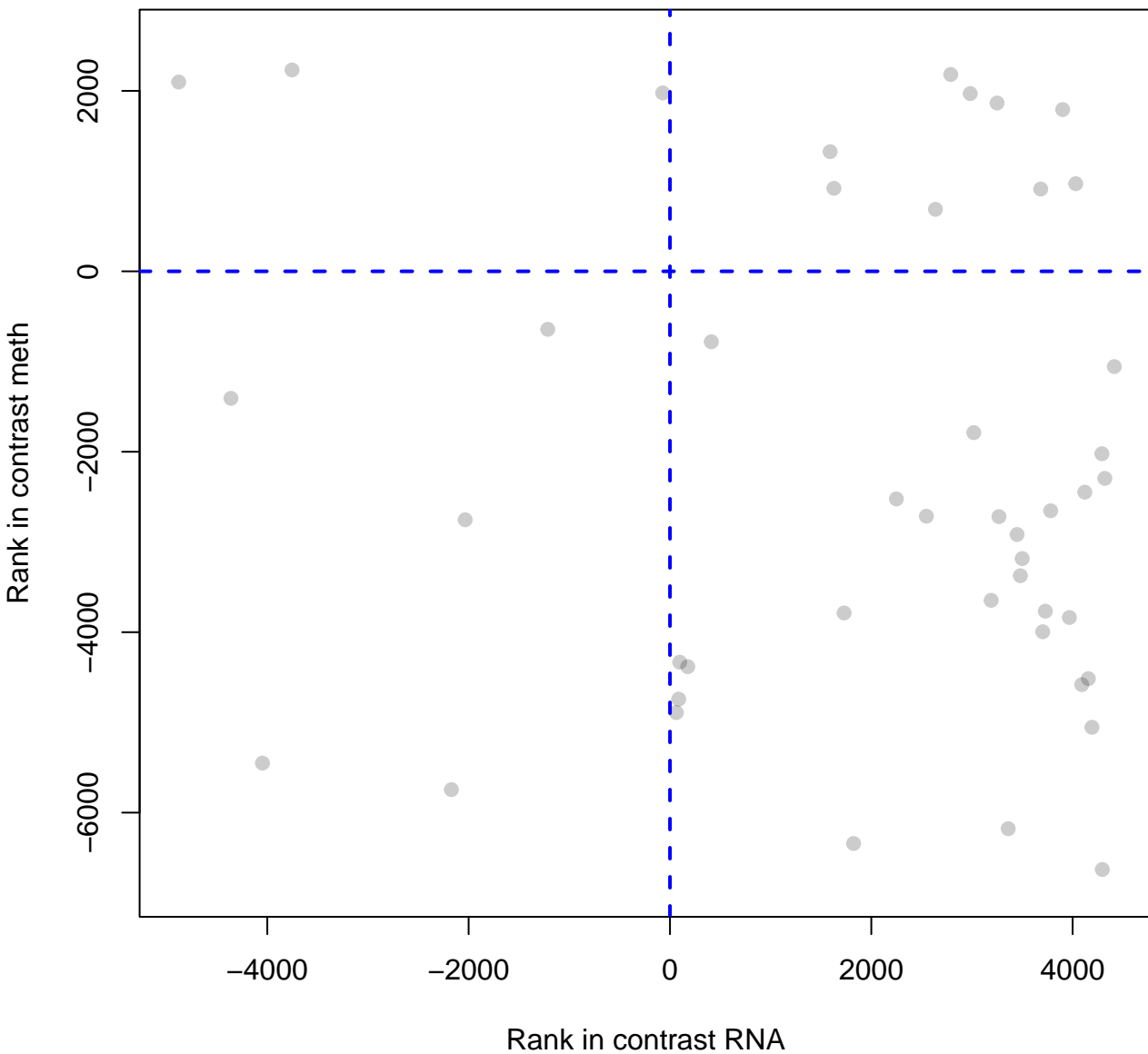
Frs2-mediated activation



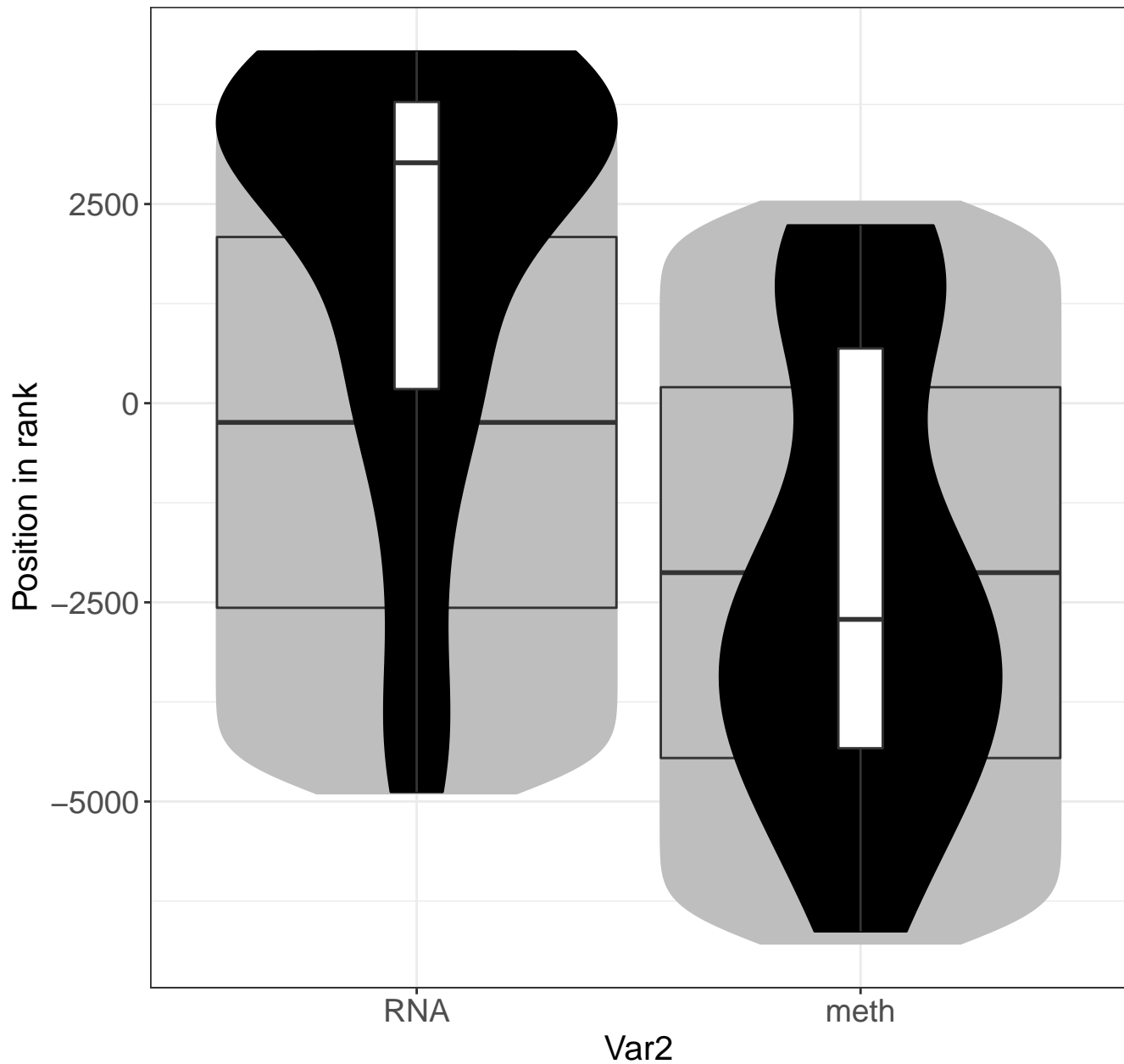
Regulation of actin dynamics for phagocytic cup formation



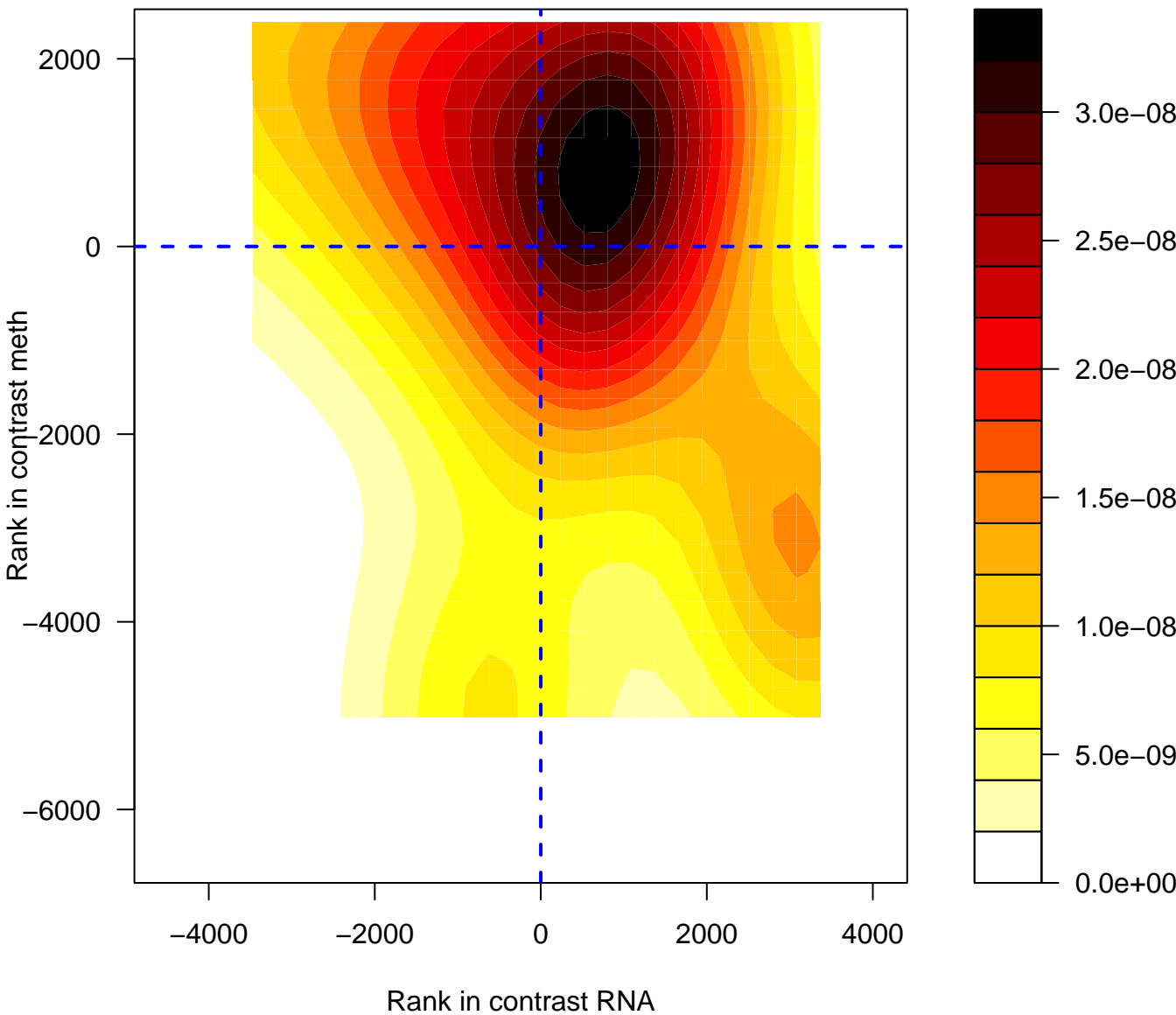
Regulation of actin dynamics for phagocytic cup formation



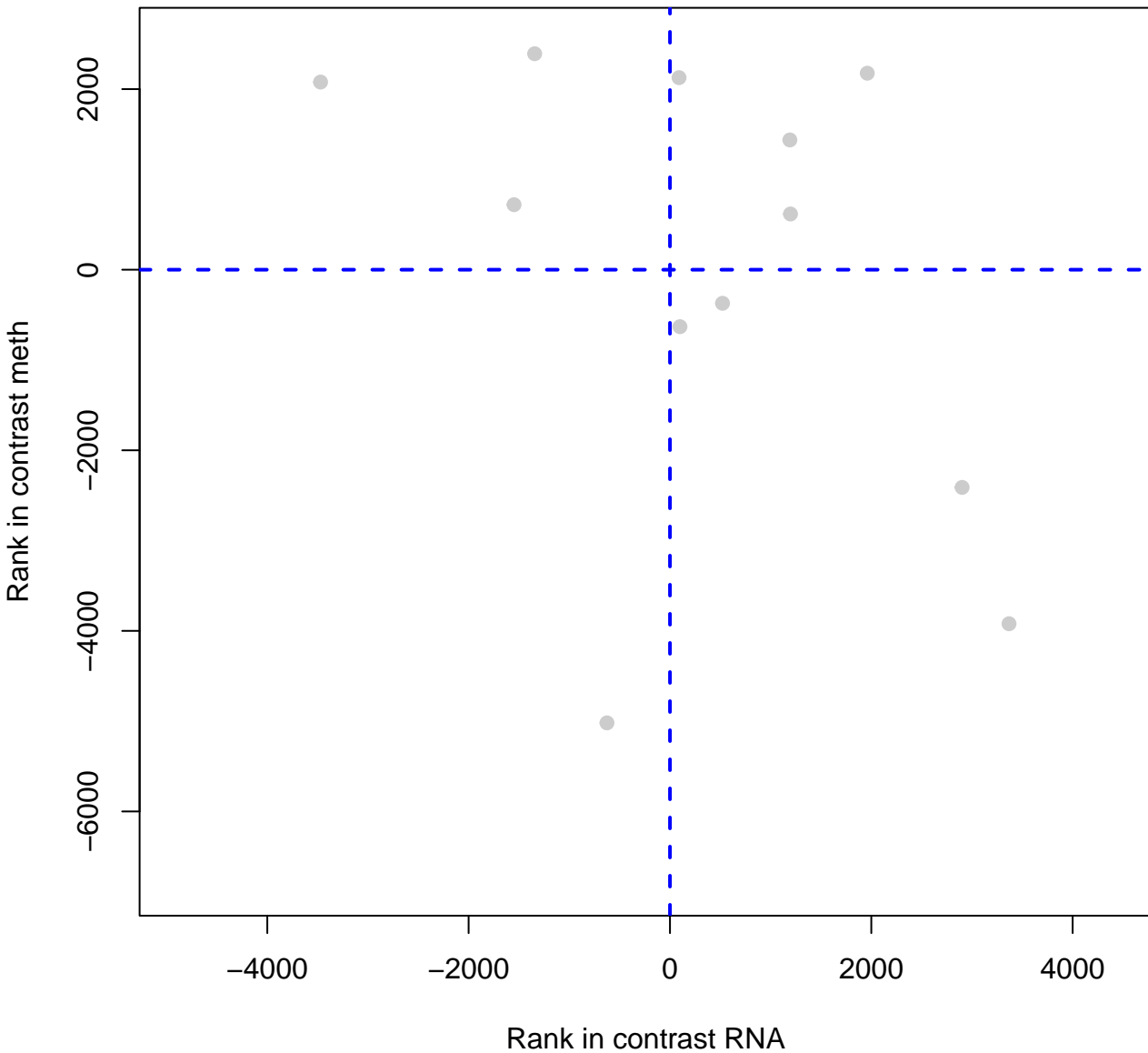
Regulation of actin dynamics for phagocytic cup formation



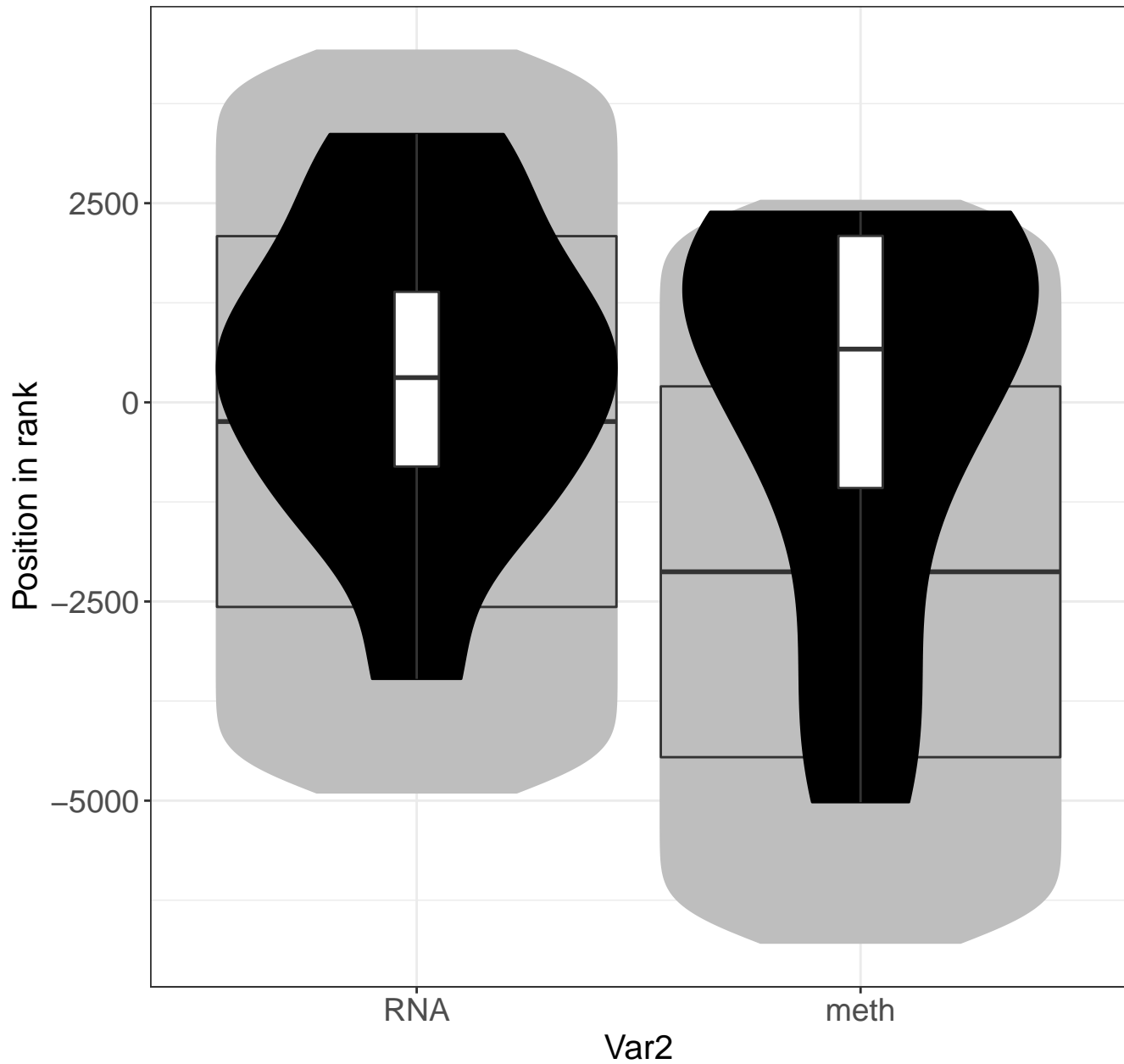
Protein methylation



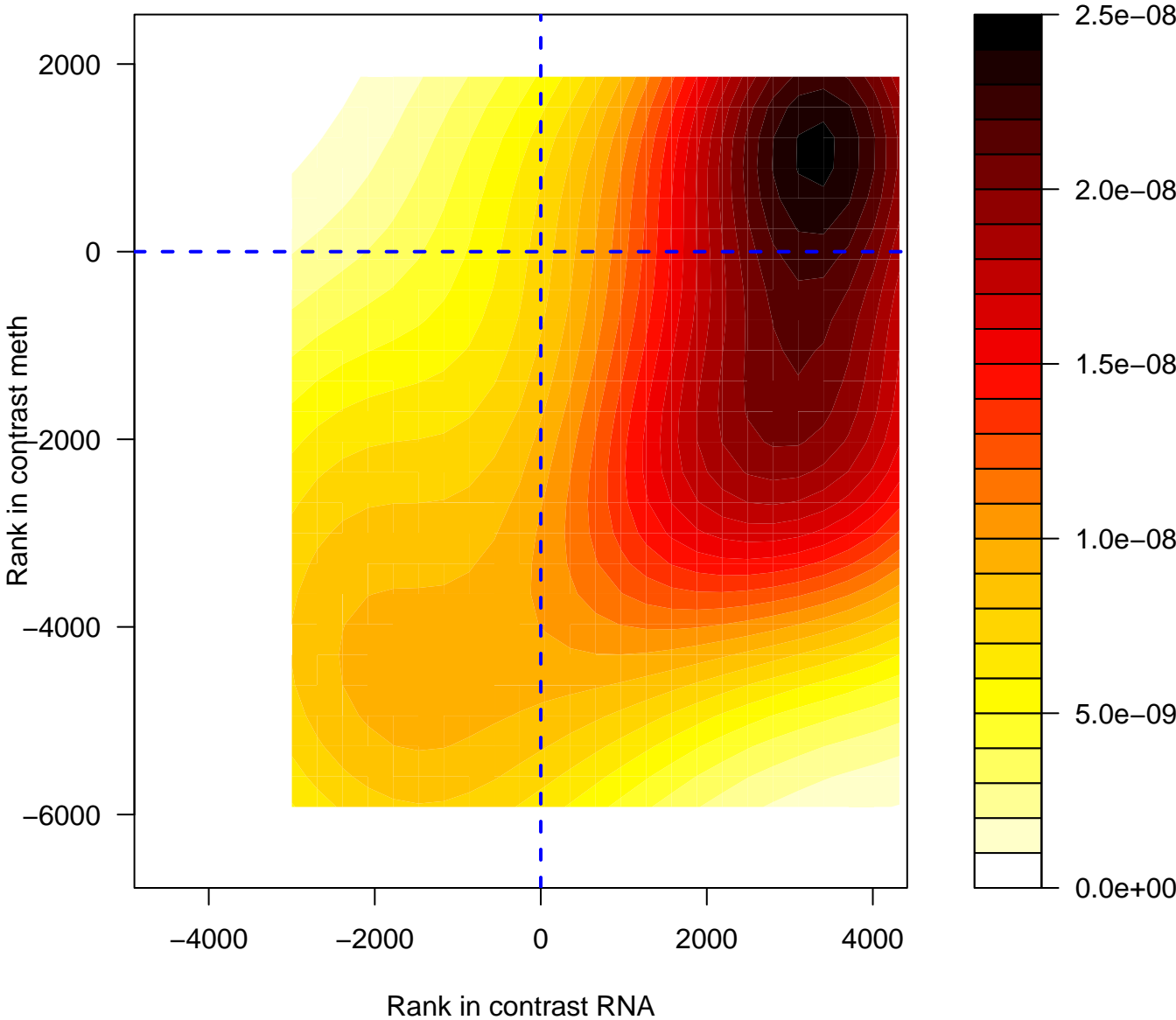
Protein methylation



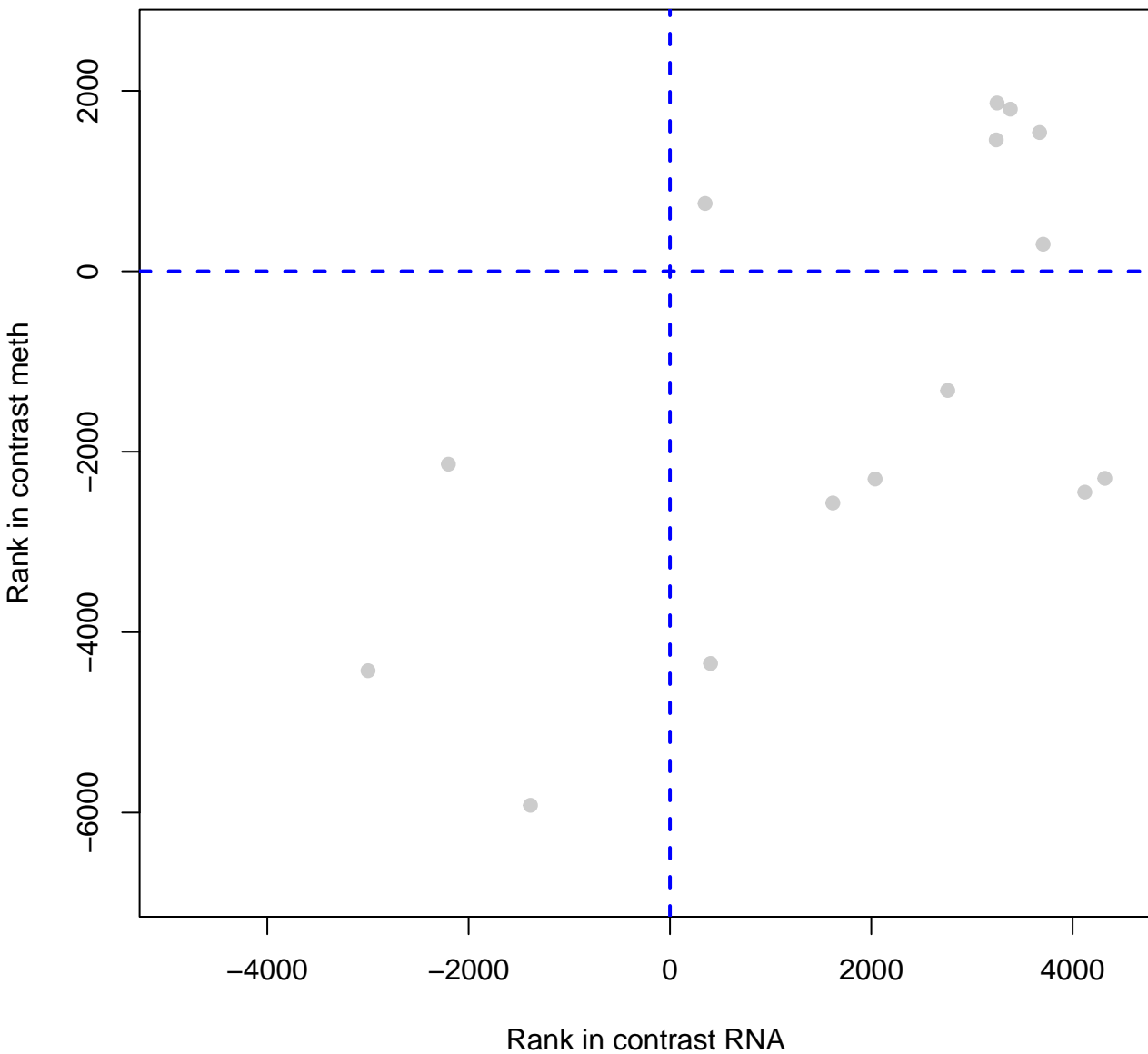
Protein methylation



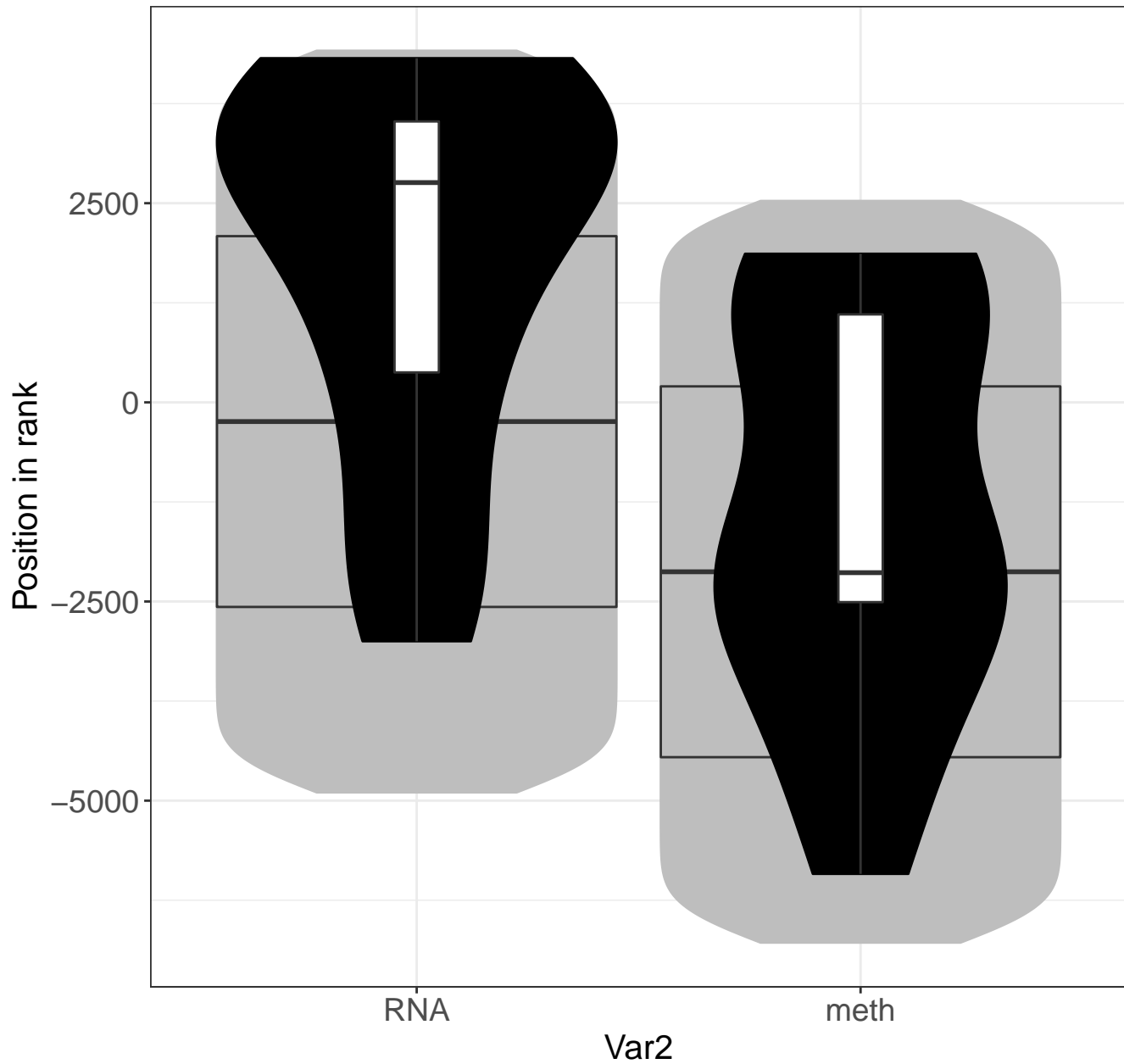
Spry regulation of FGF signaling



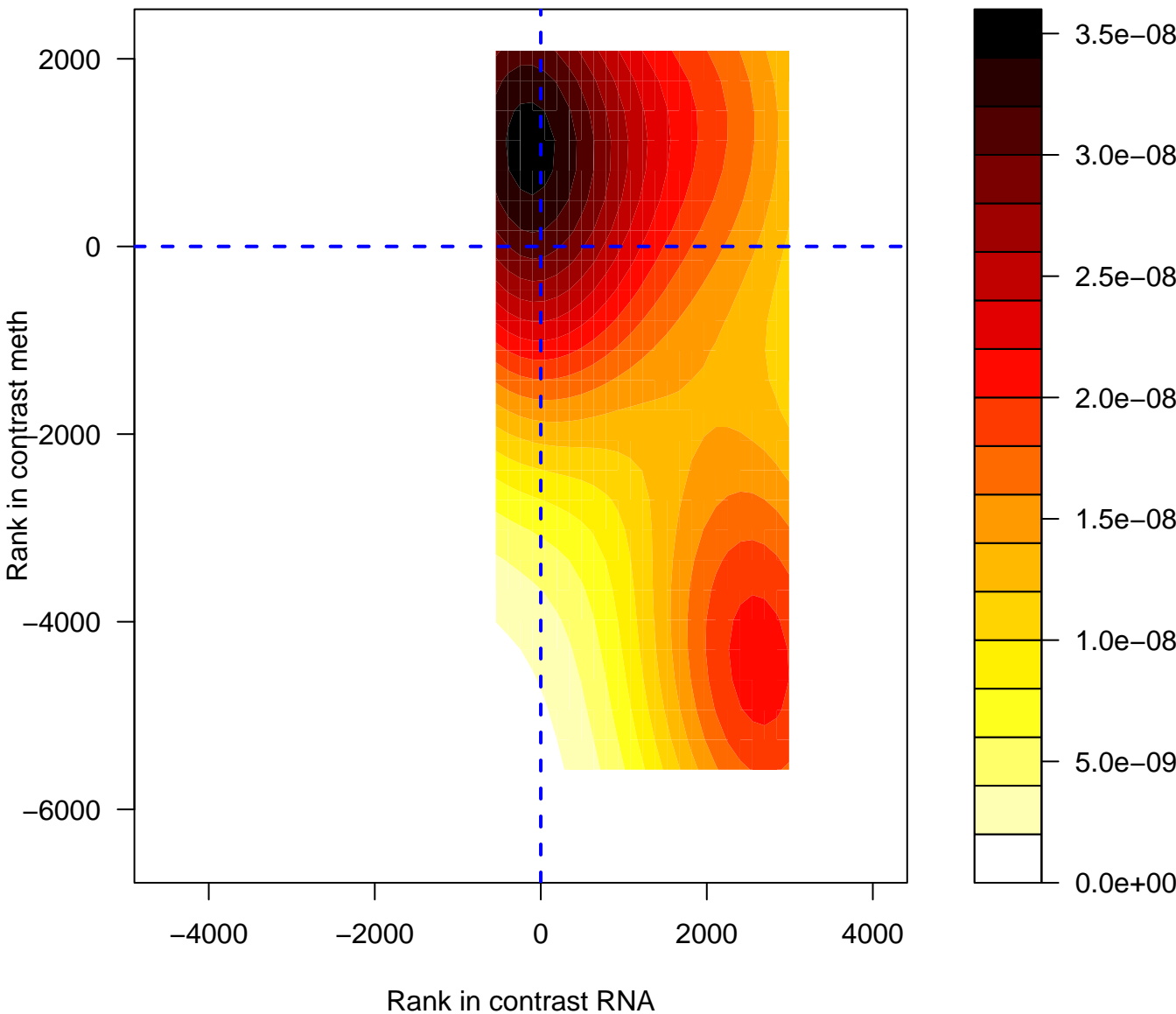
Spry regulation of FGF signaling



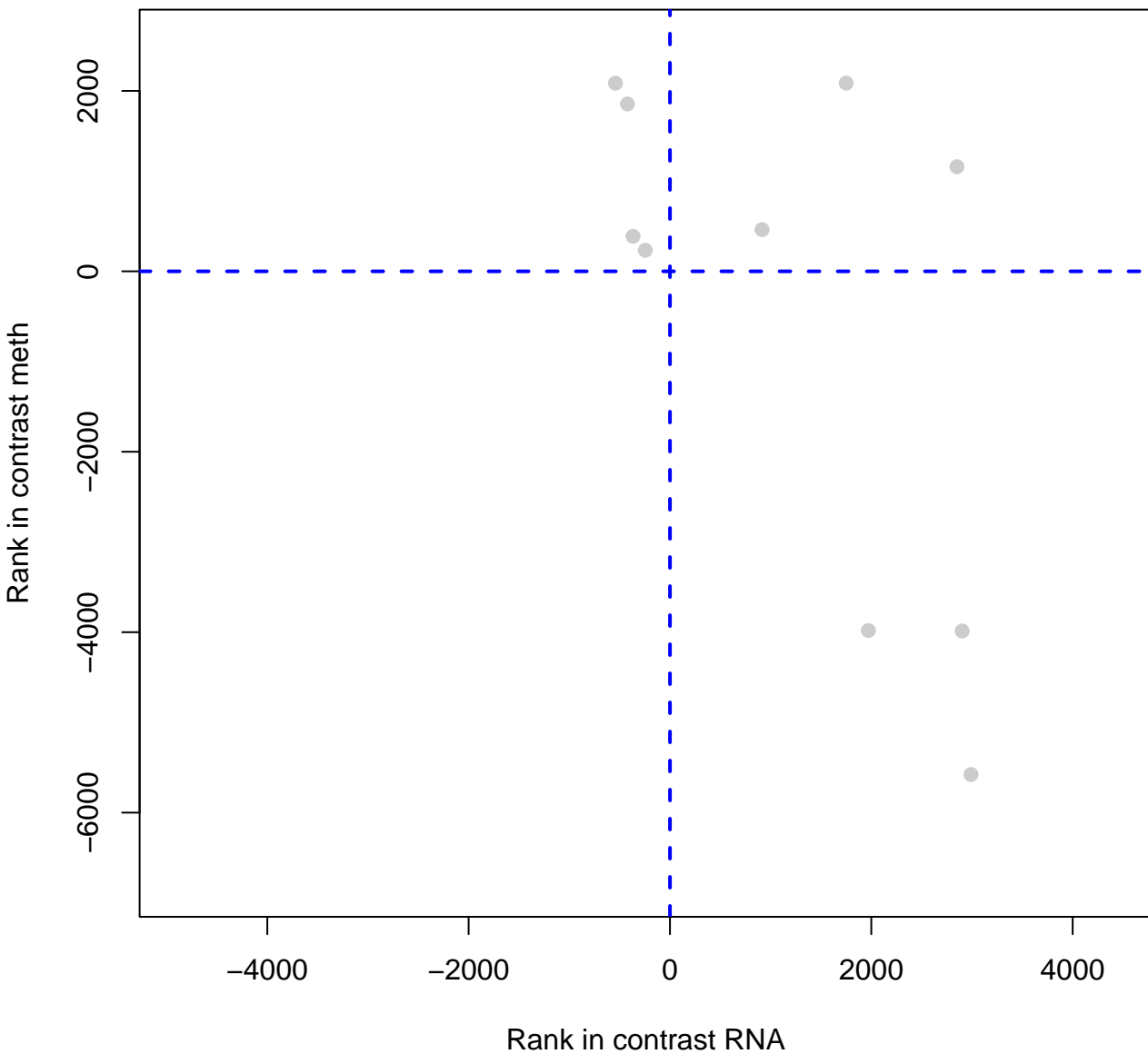
Spry regulation of FGF signaling



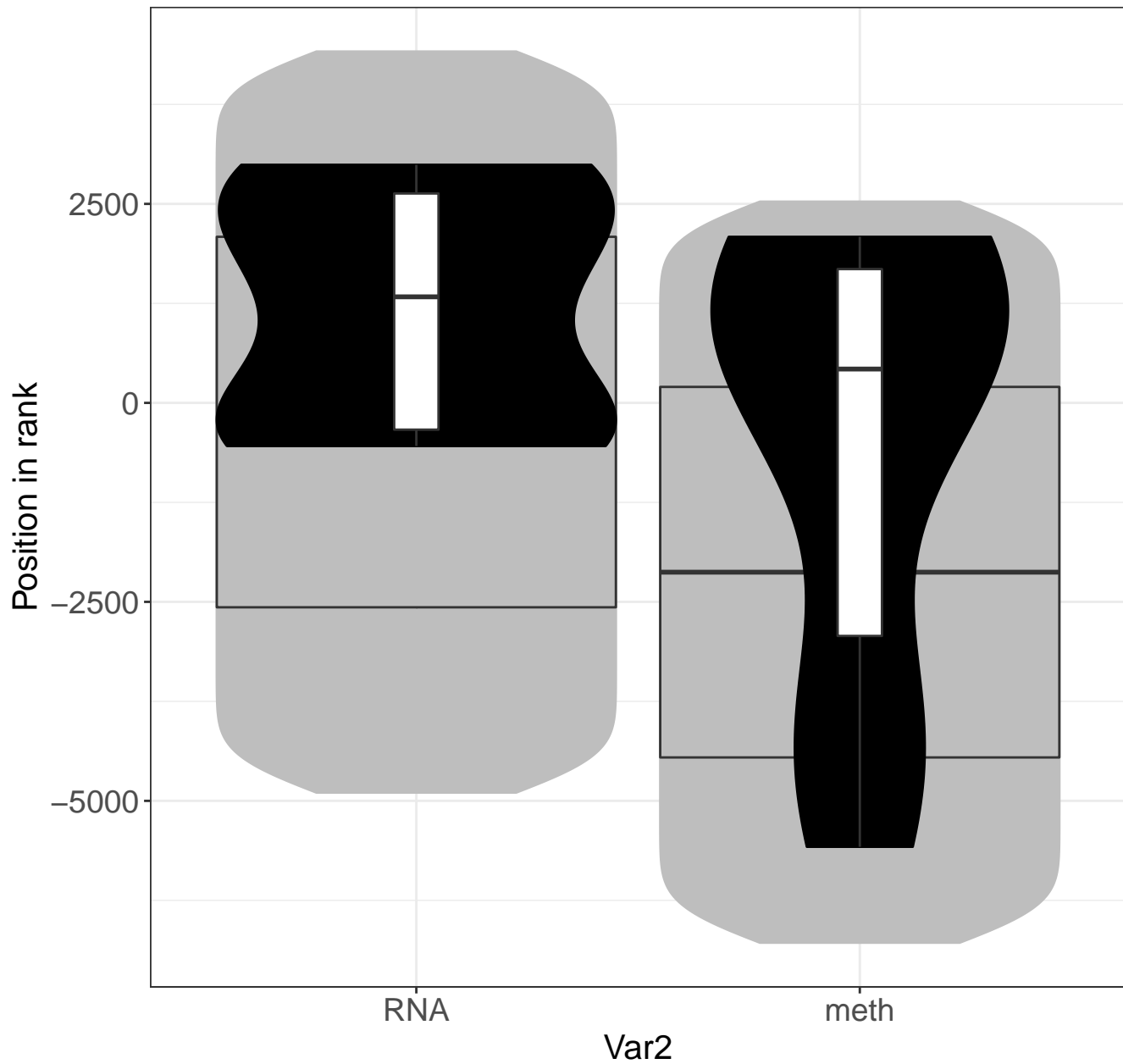
SUMOylation of immune response proteins



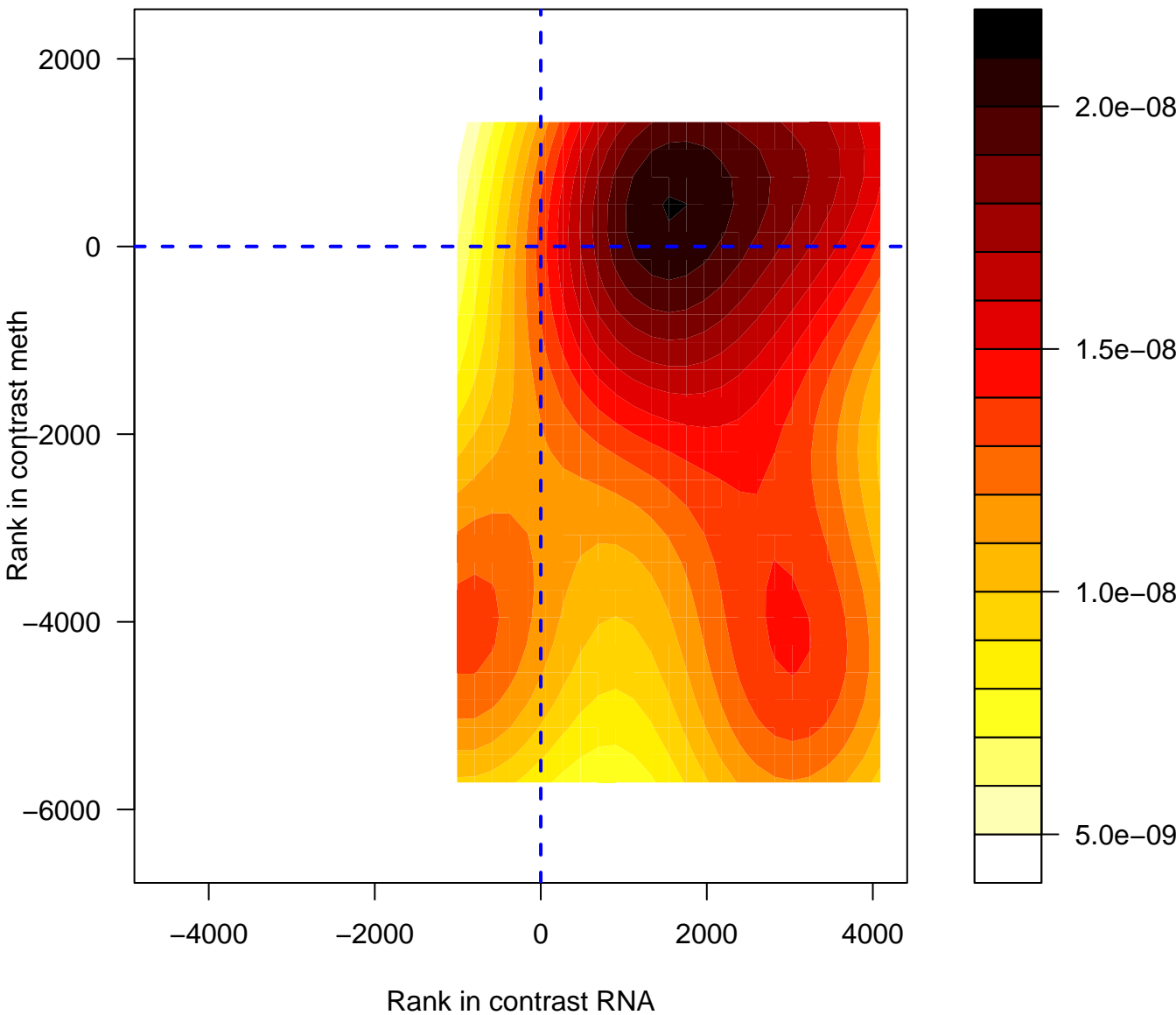
SUMOylation of immune response proteins



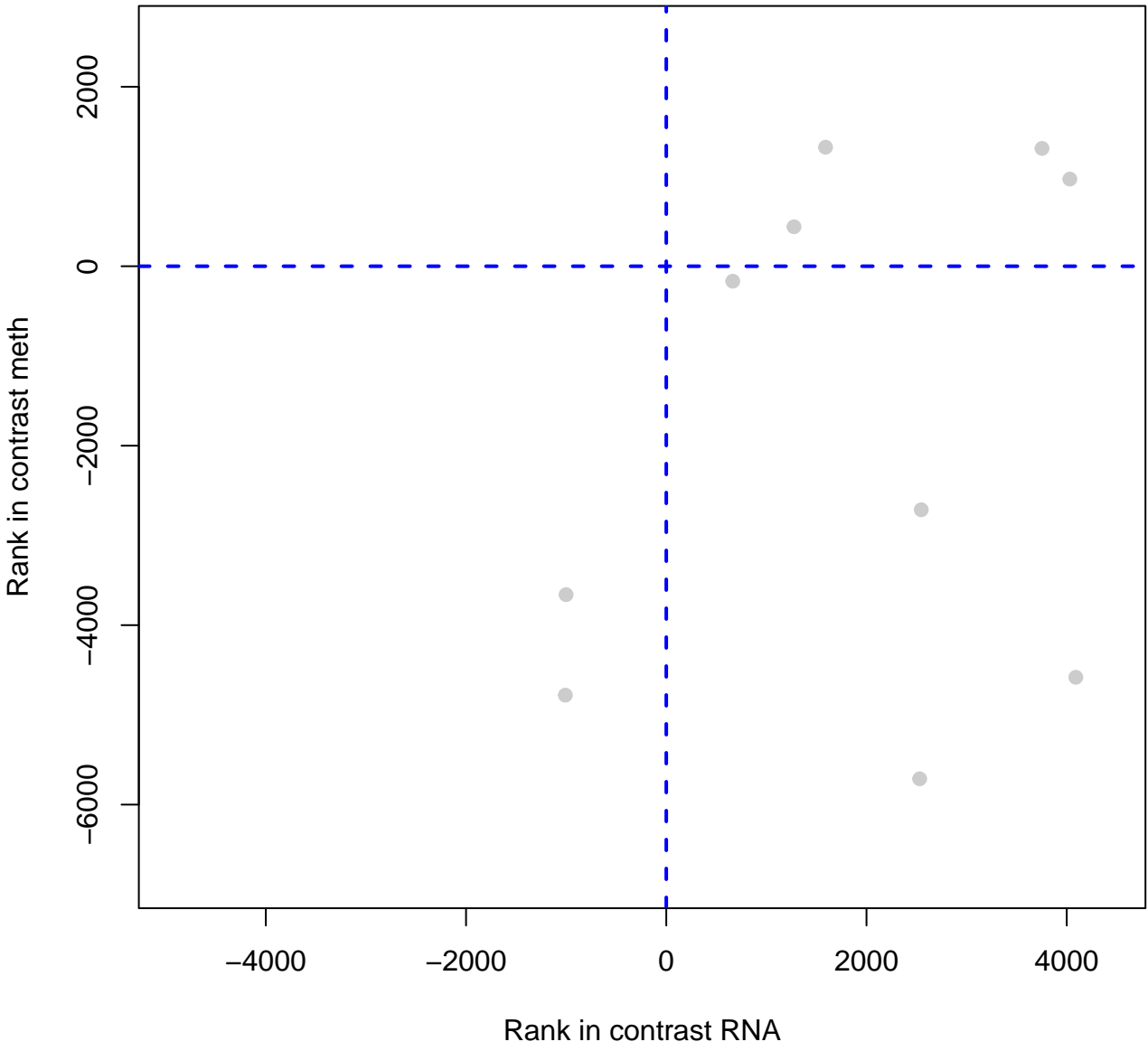
SUMOylation of immune response proteins



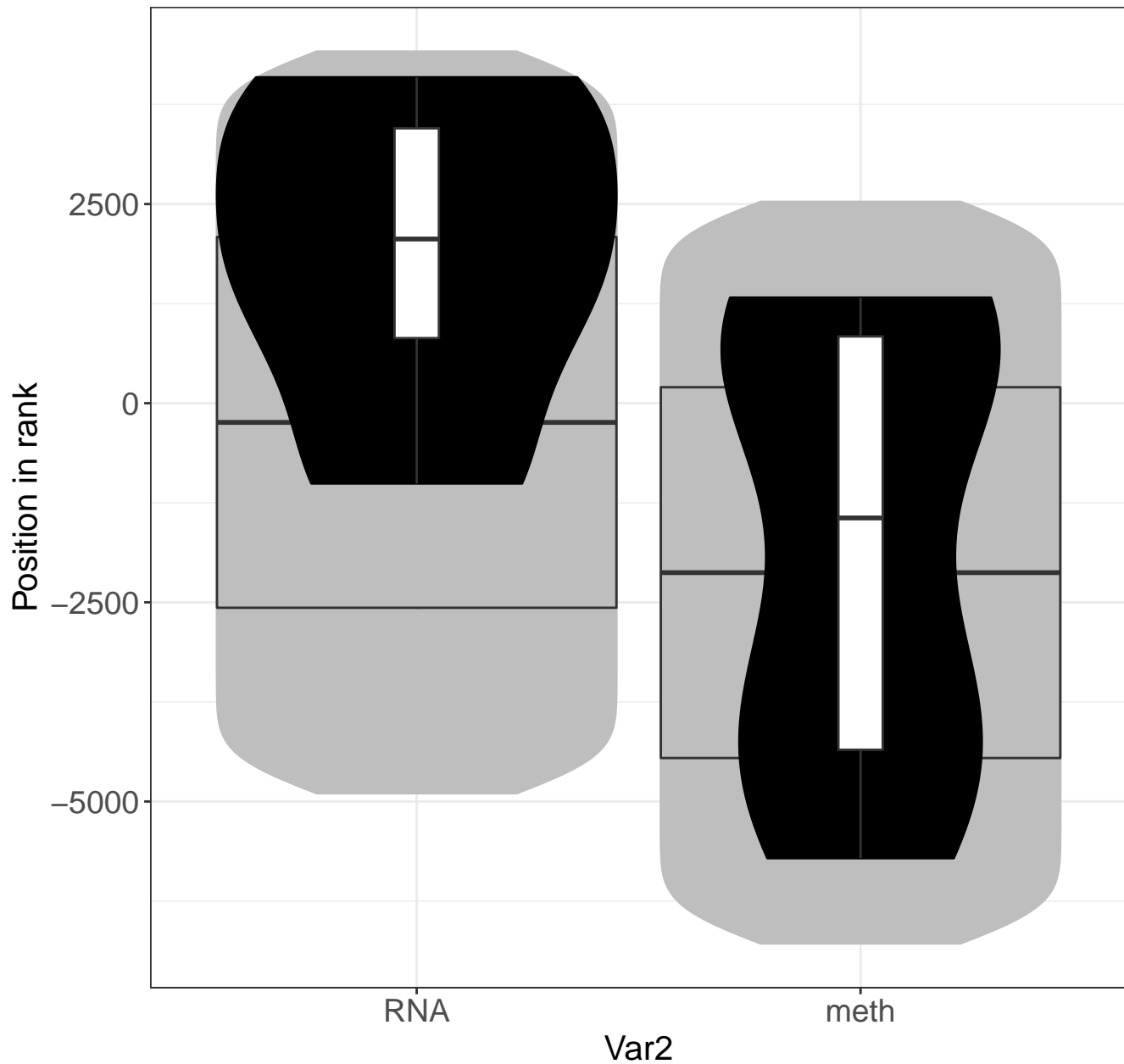
PTK6 Regulates RHO GTPases, RAS GTPase and MAP kin



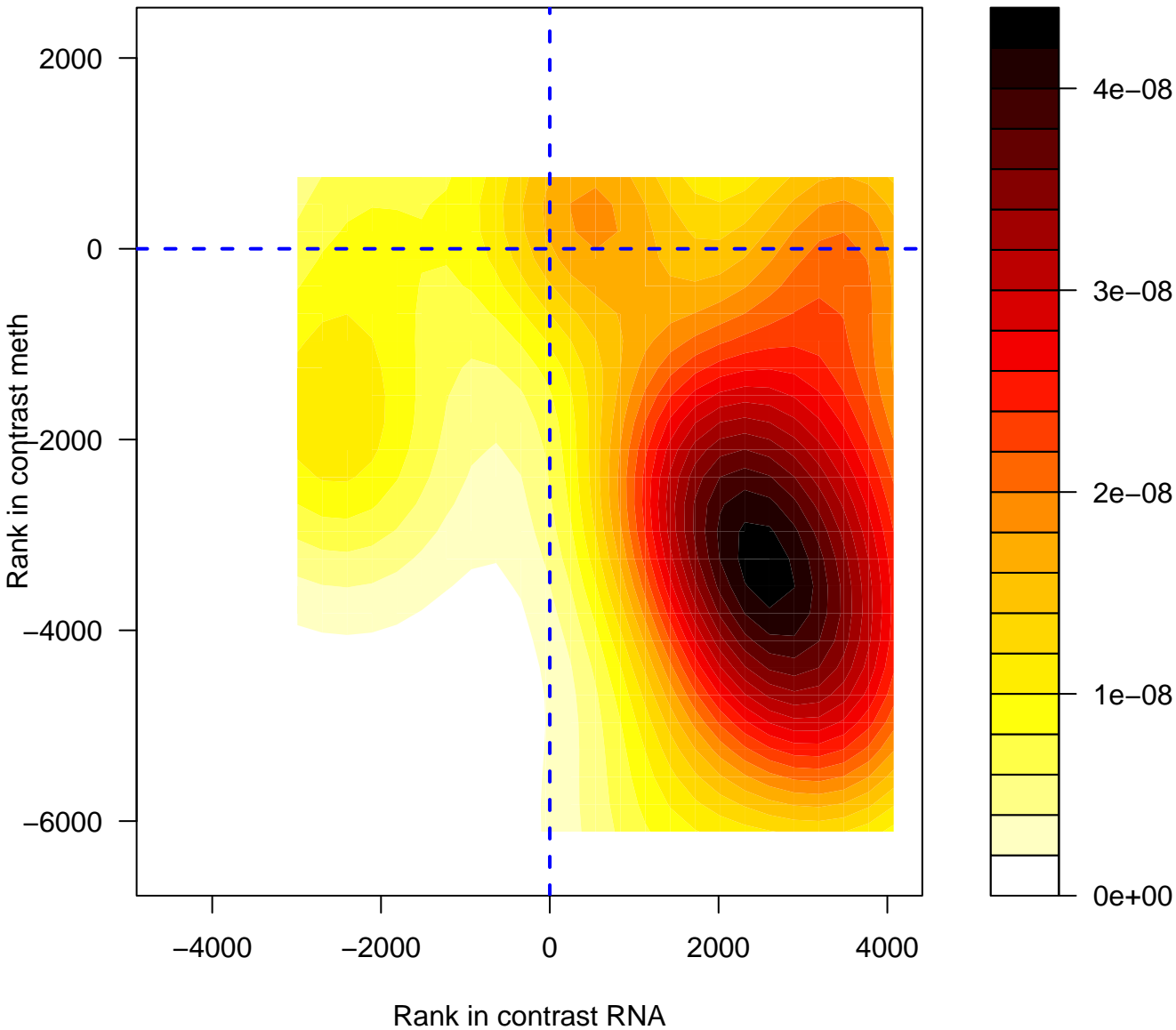
PTK6 Regulates RHO GTPases, RAS GTPase and MAP kinases



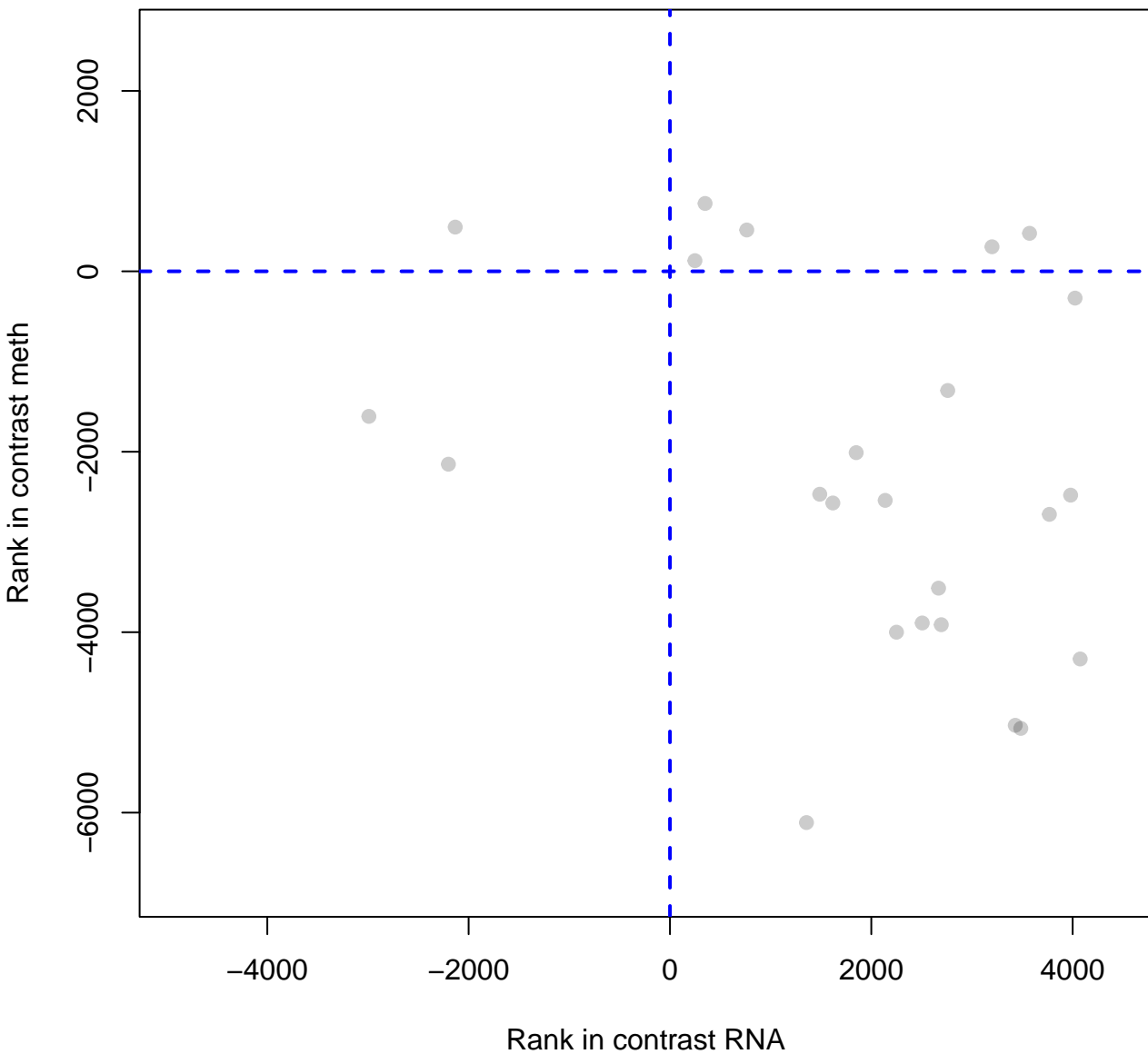
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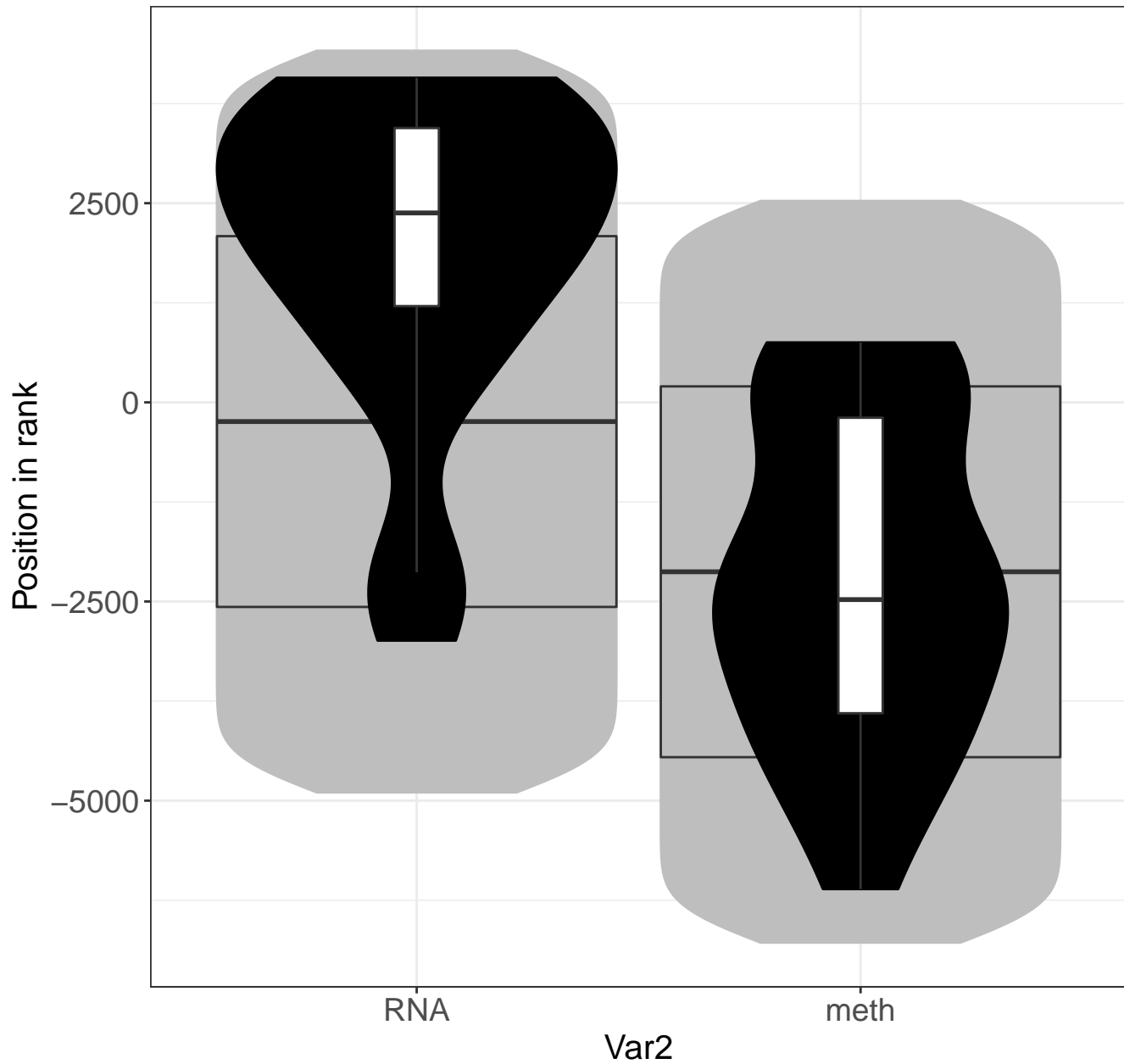
Budding and maturation of HIV virion



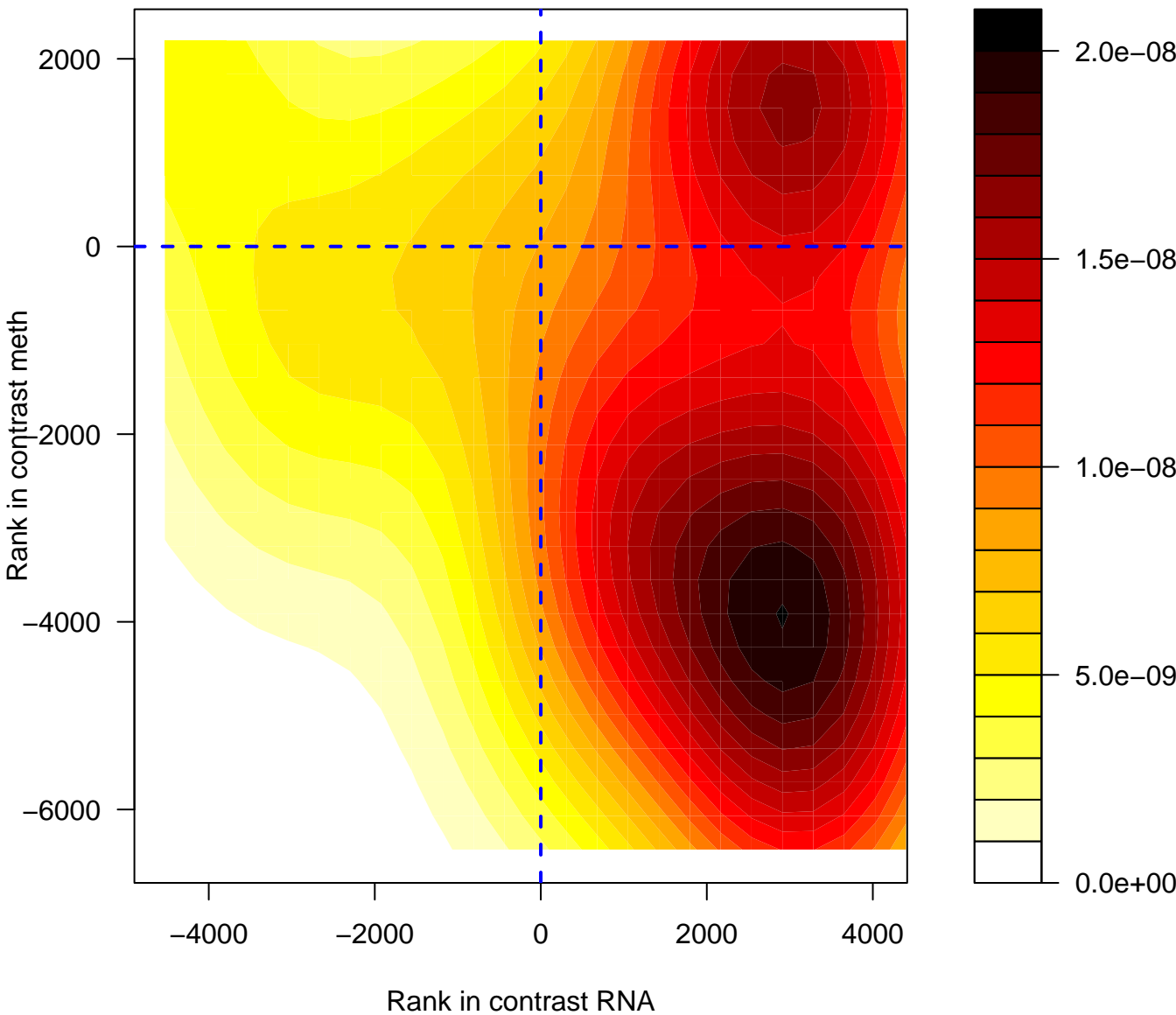
Budding and maturation of HIV virion



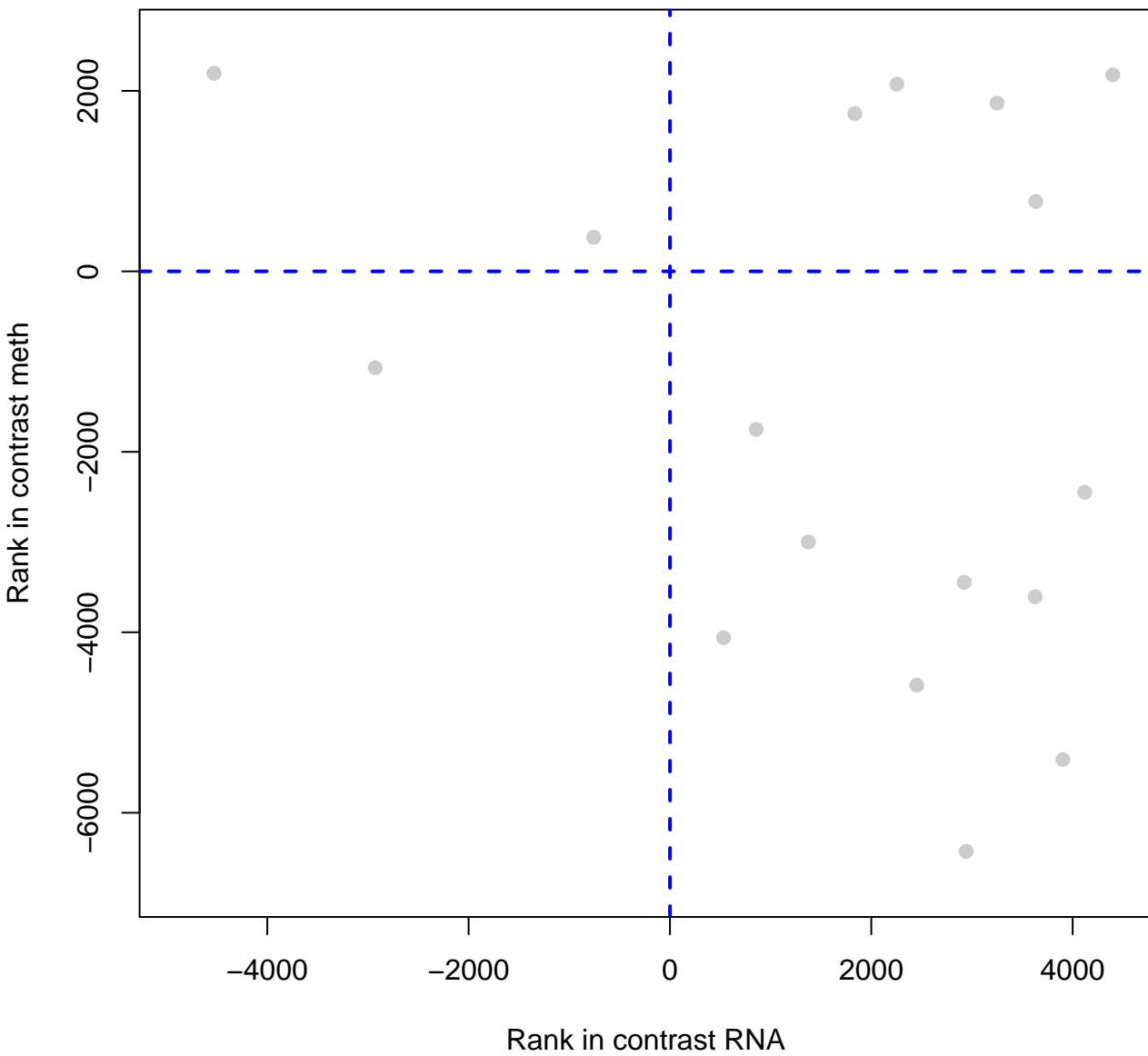
Budding and maturation of HIV virion



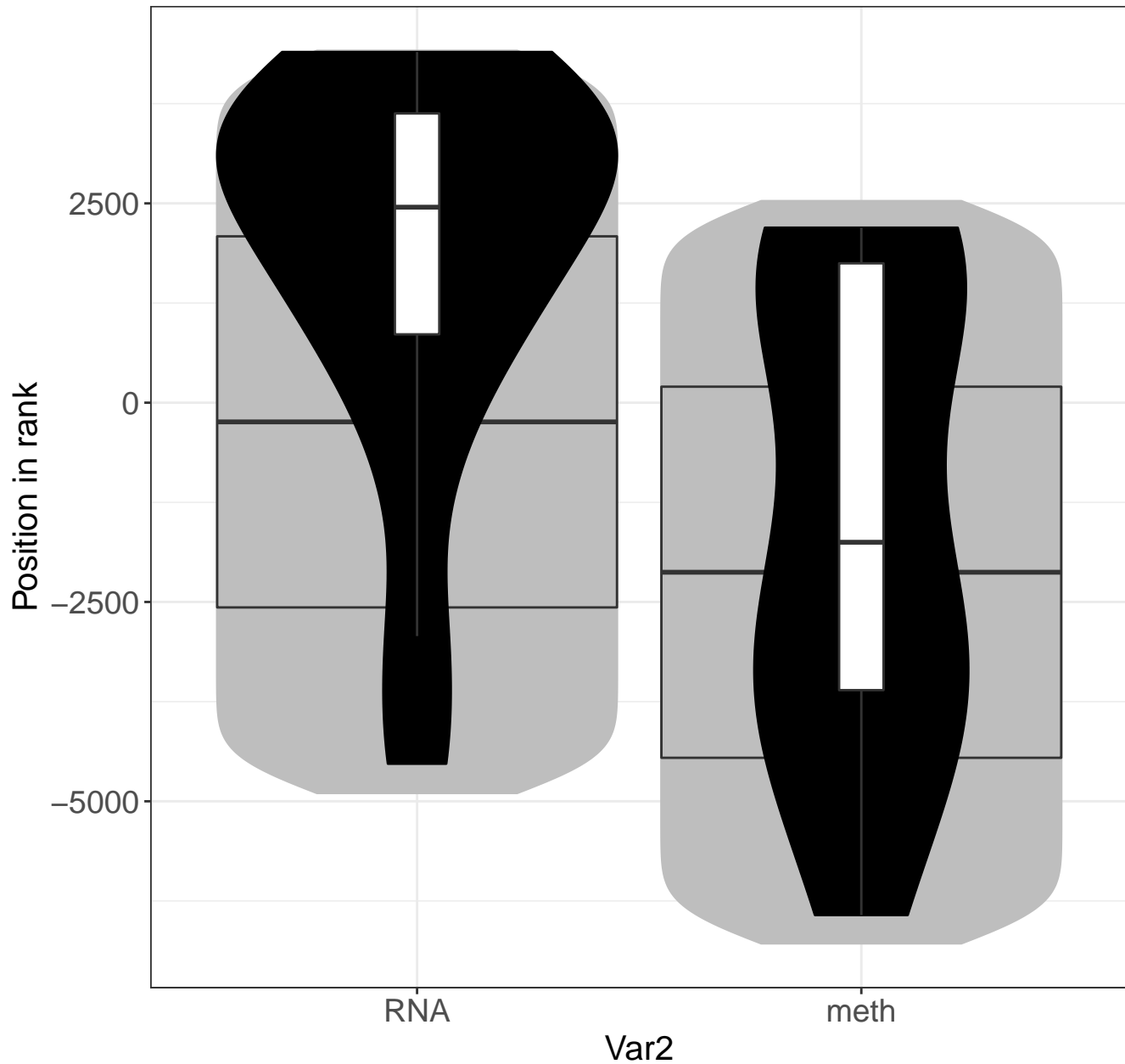
Growth hormone receptor signaling



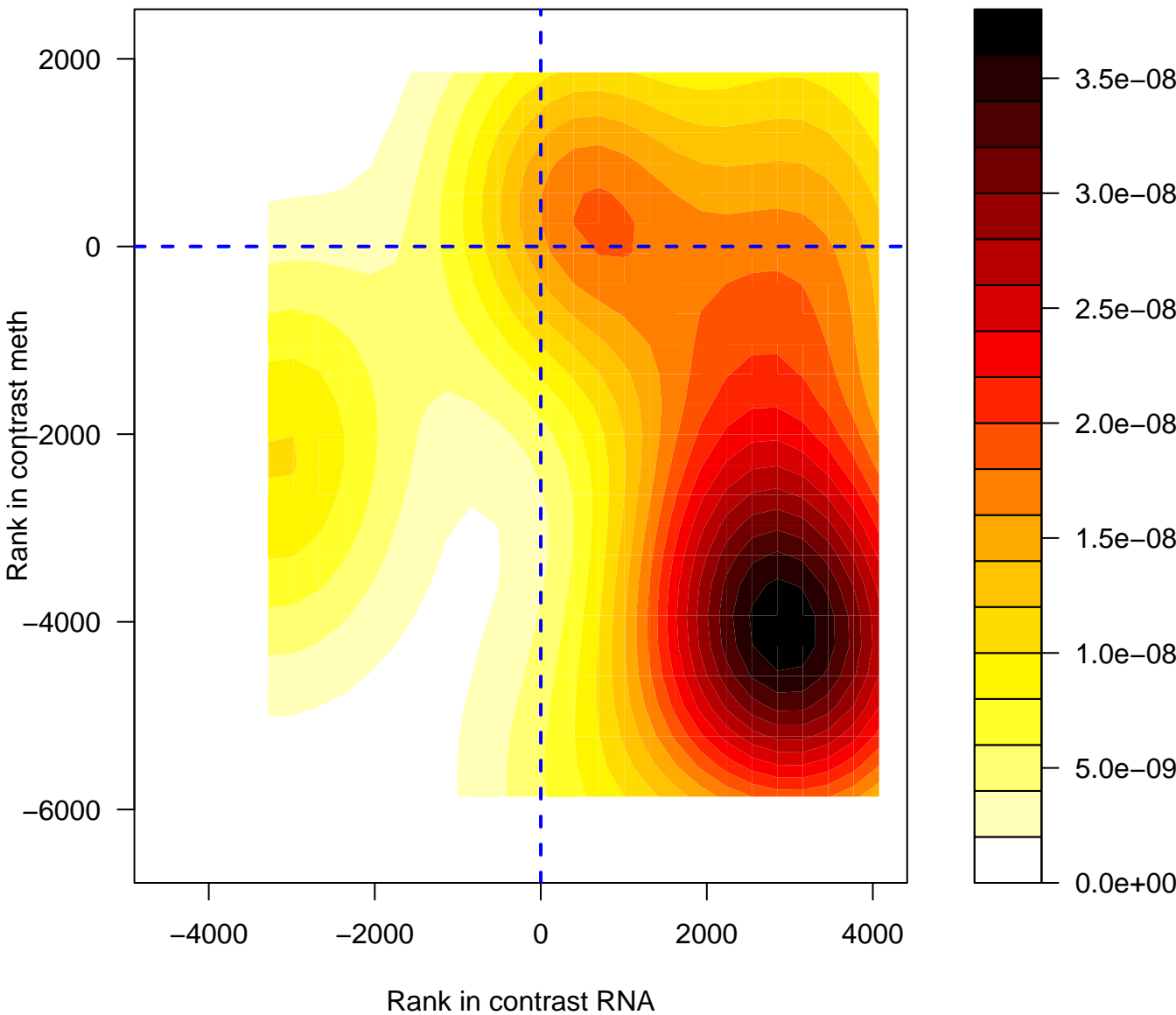
Growth hormone receptor signaling



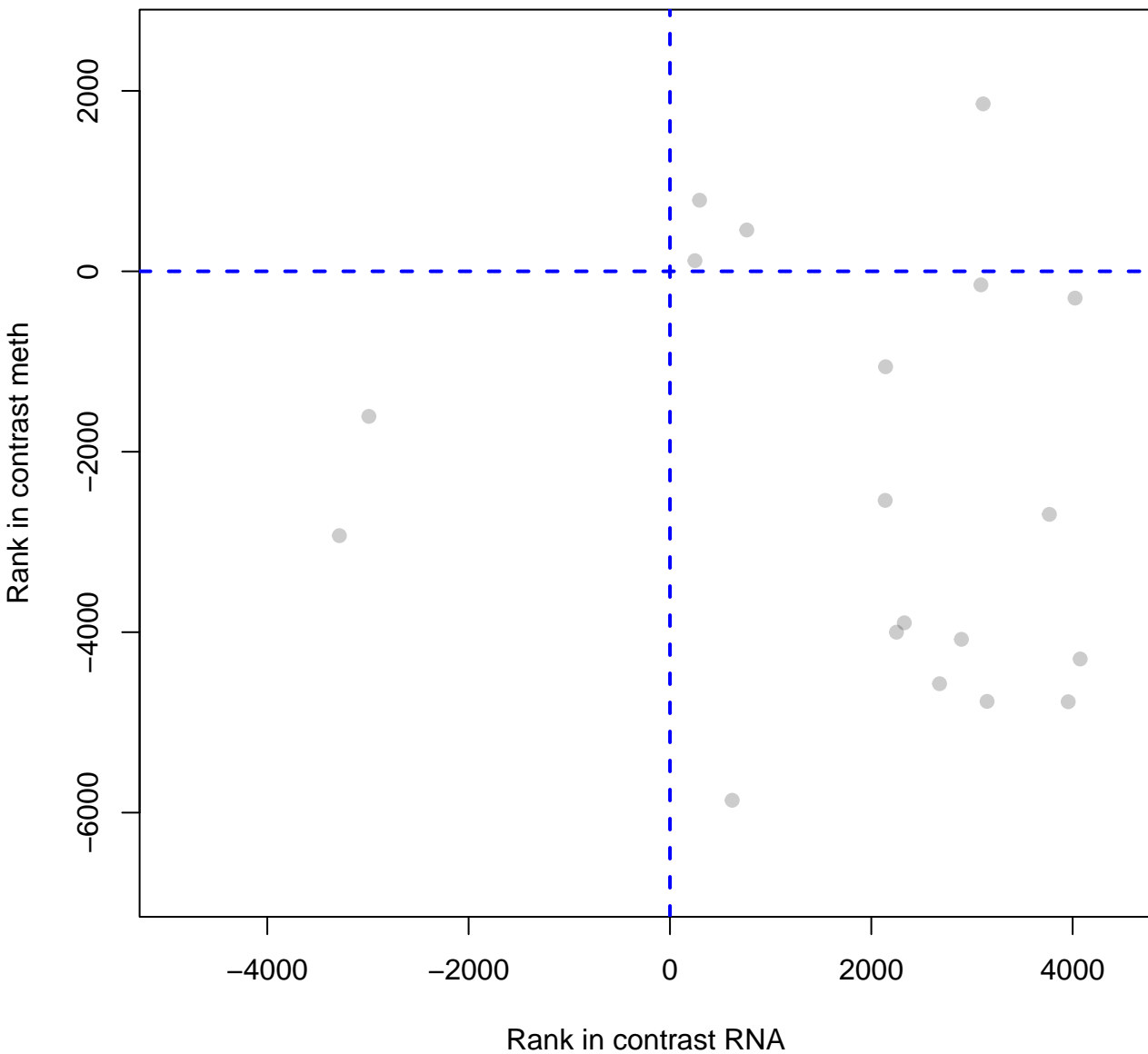
Growth hormone receptor signaling



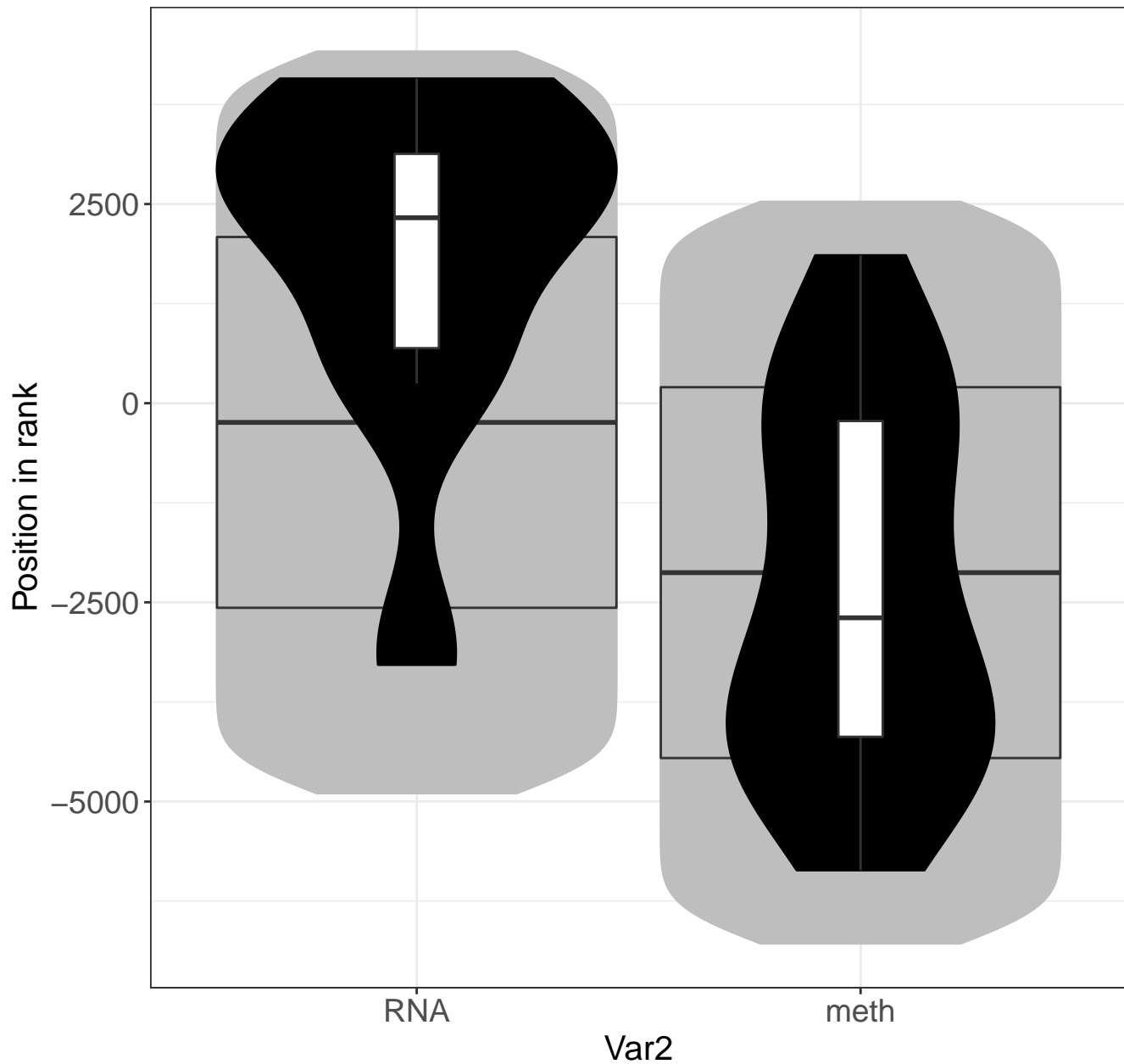
Sealing of the nuclear envelope (NE) by ESCRT-III



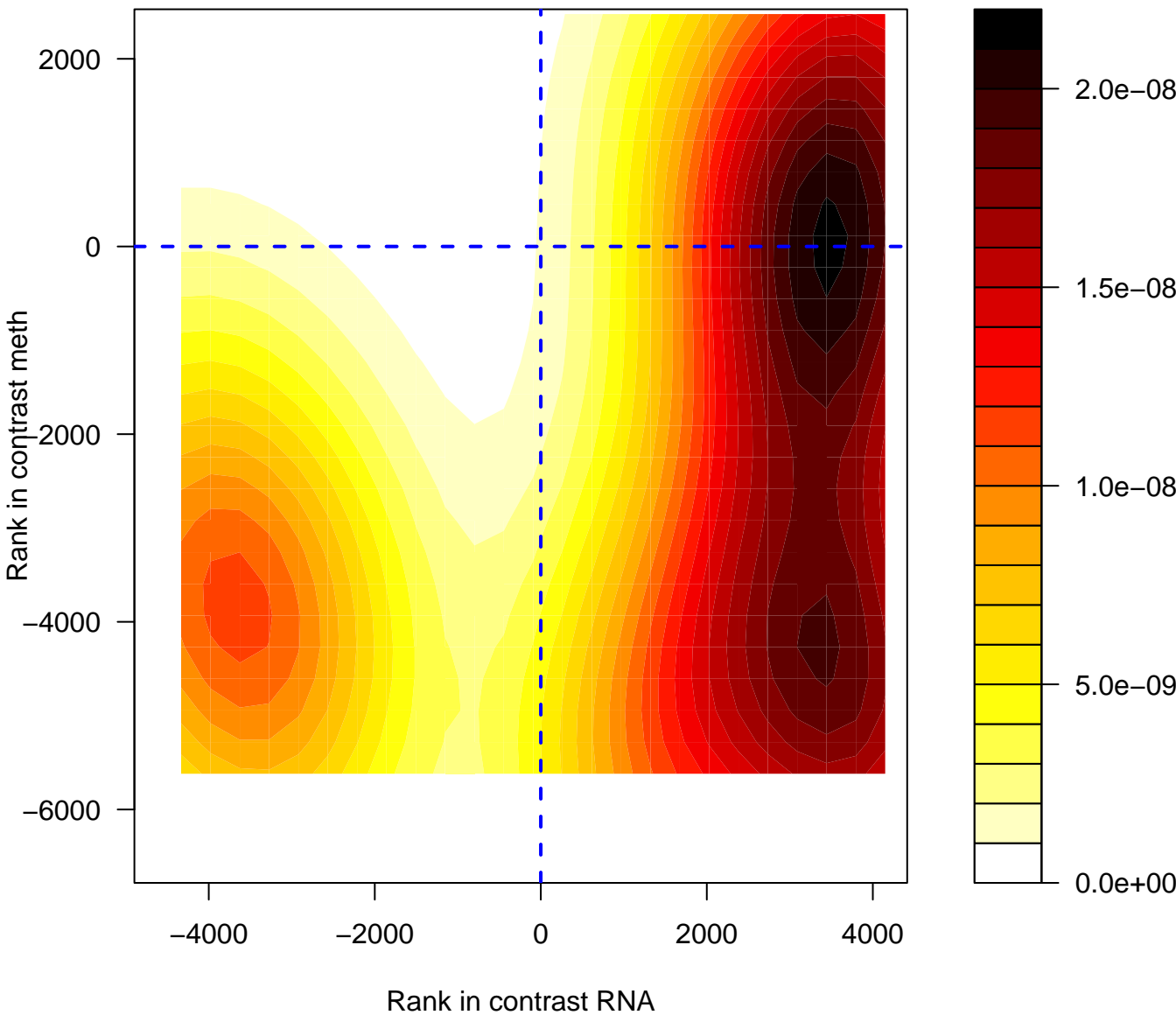
Sealing of the nuclear envelope (NE) by ESCRT-III



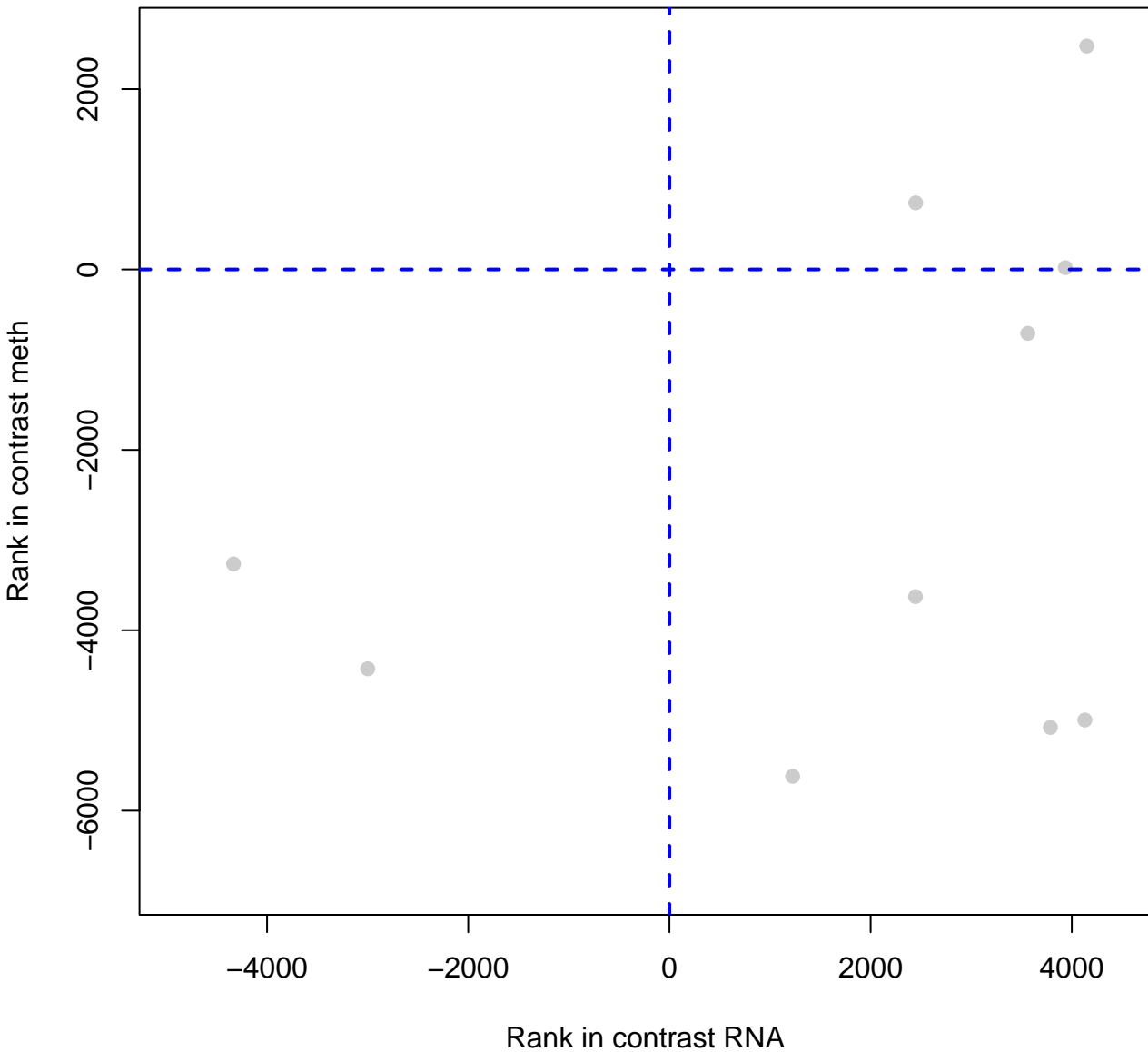
Sealing of the nuclear envelope (NE) by ESCRT-



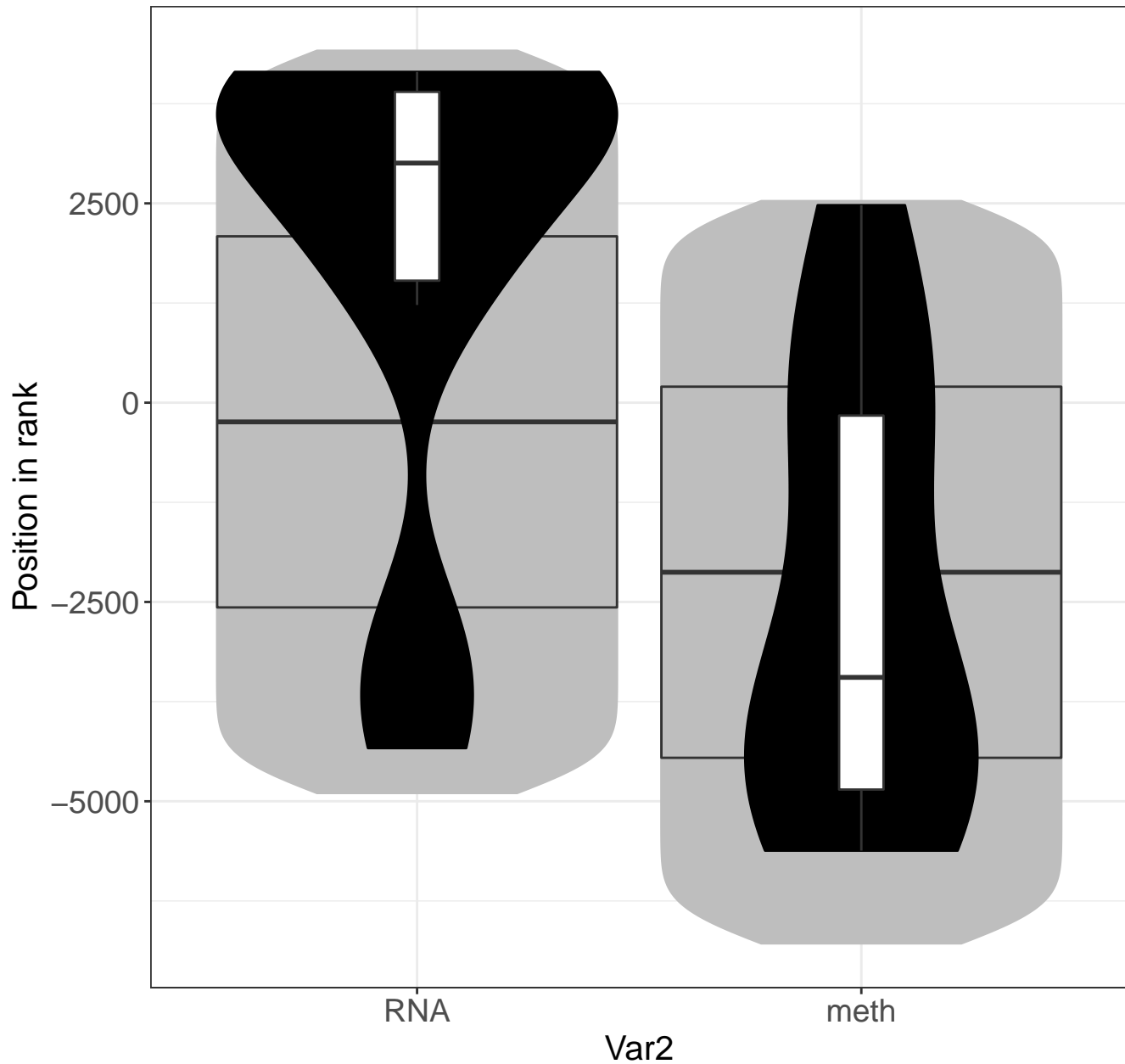
Gap junction trafficking and regulation



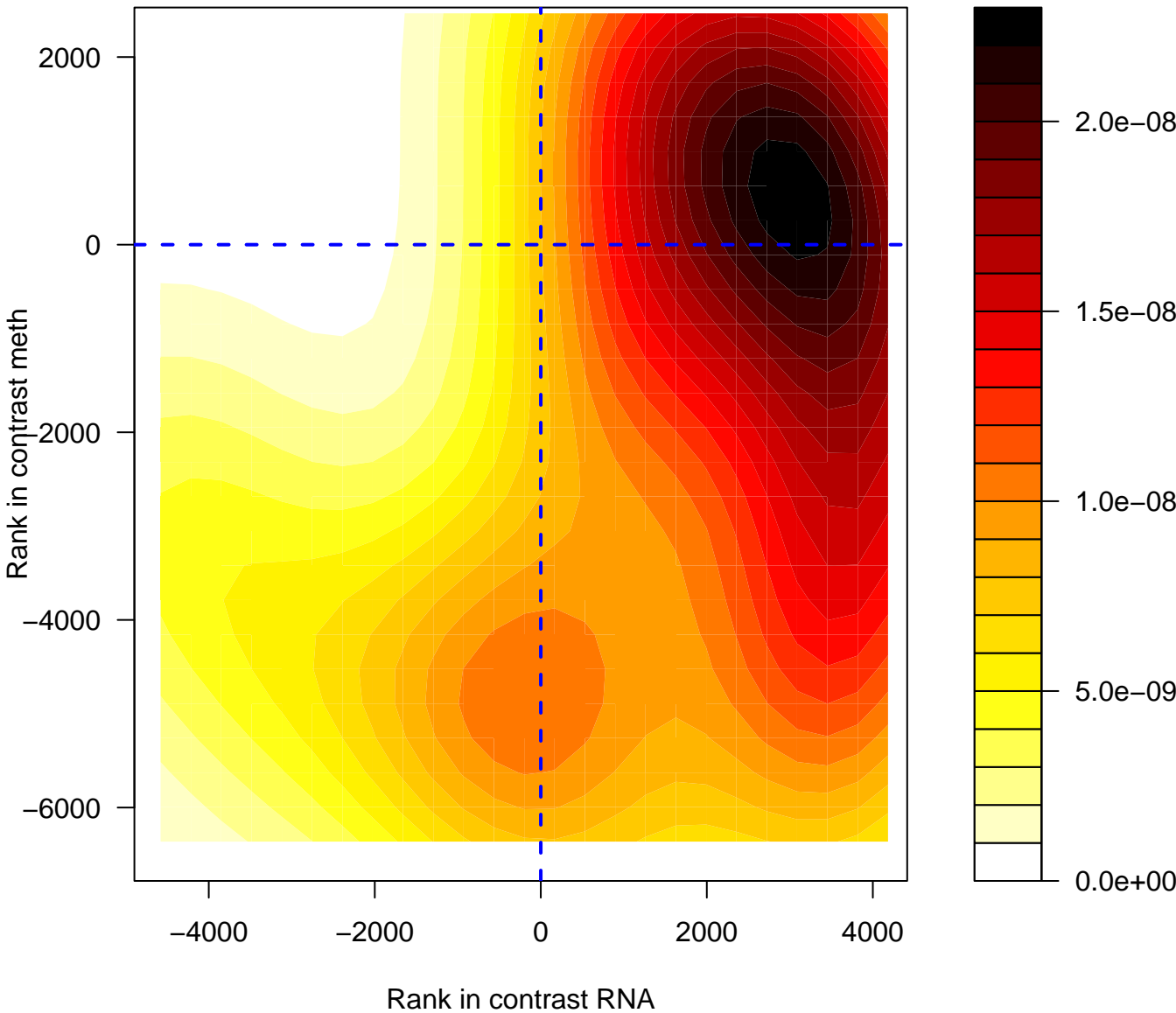
Gap junction trafficking and regulation



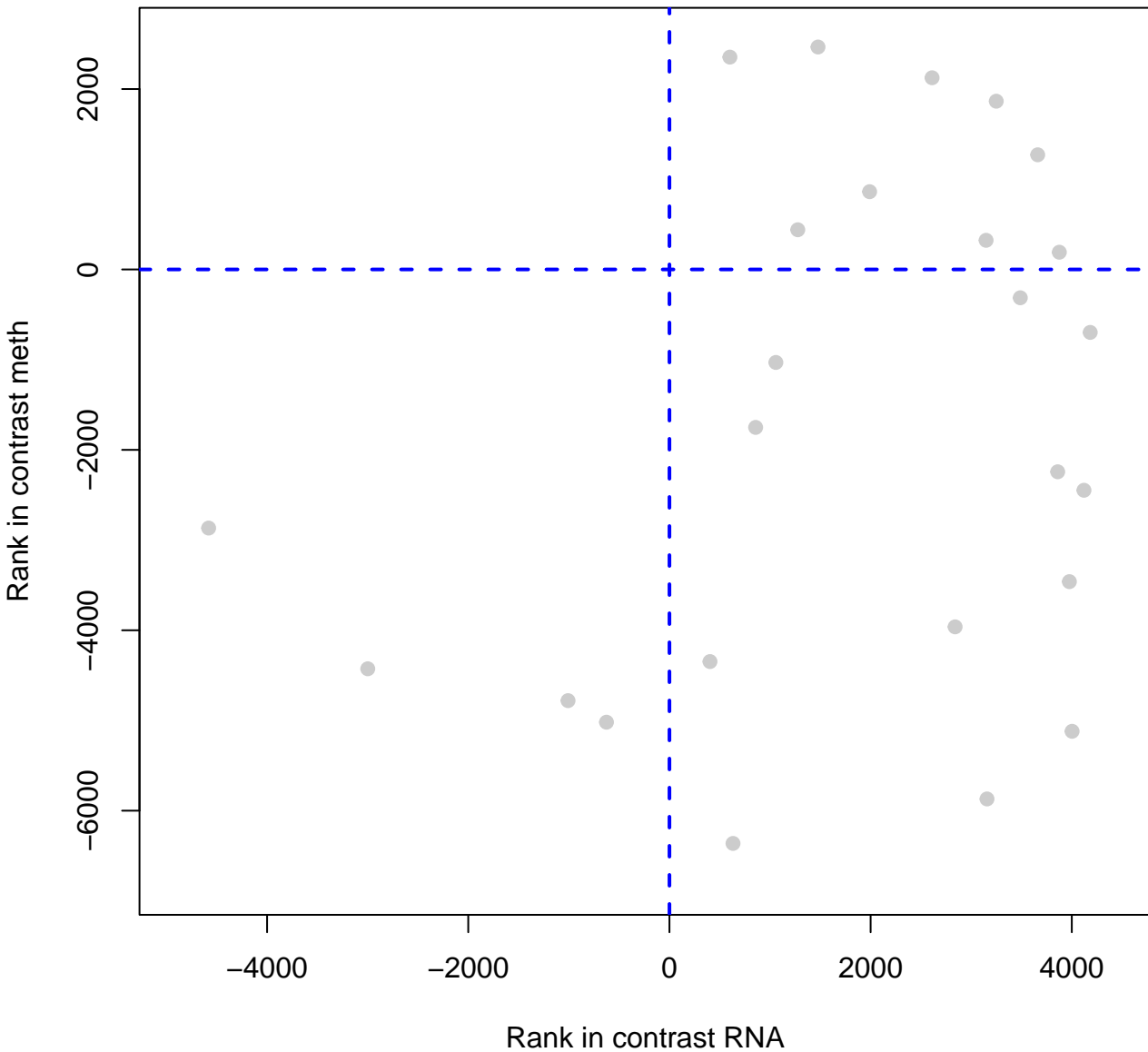
Gap junction trafficking and regulation



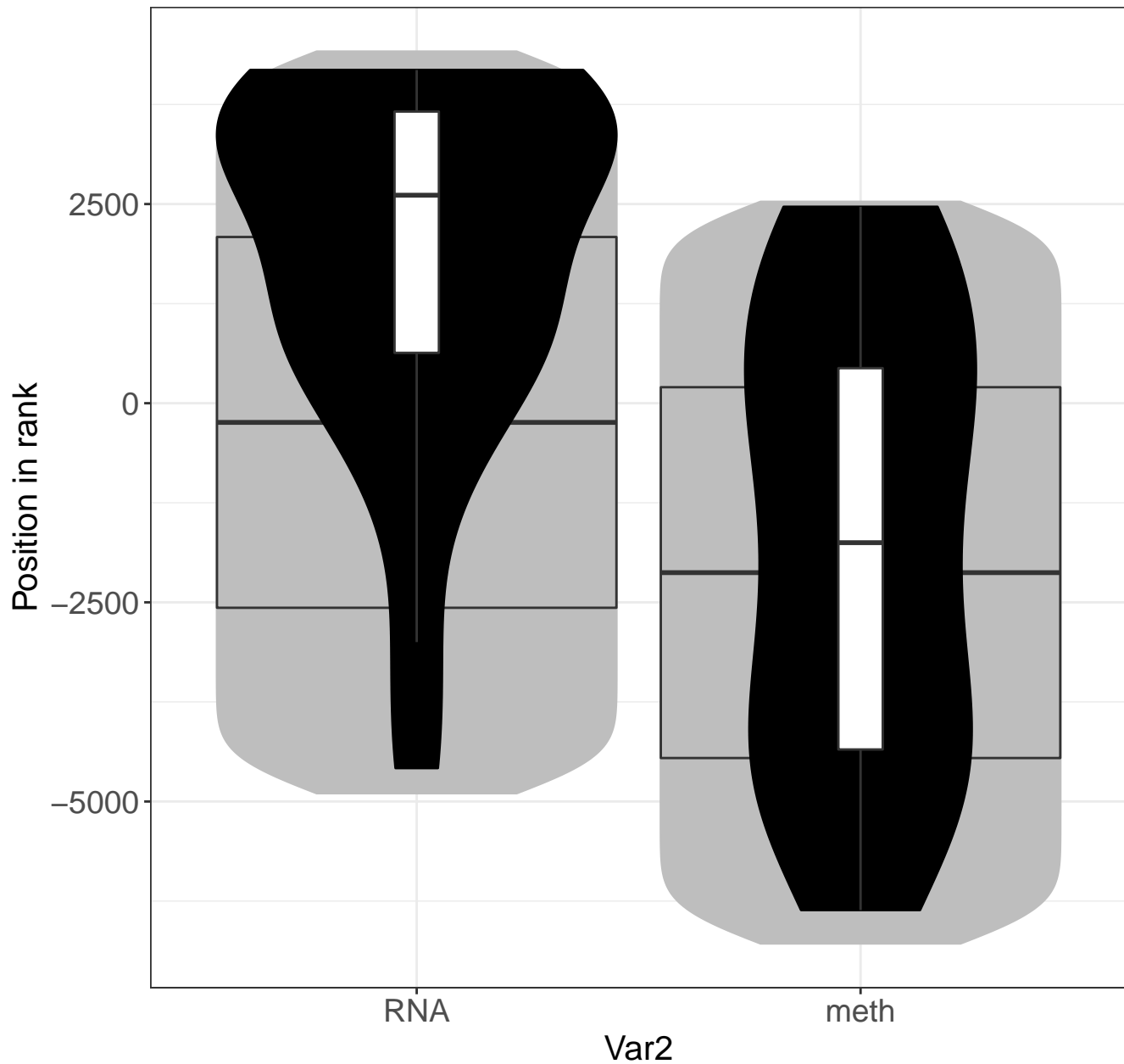
Signaling by RAF1 mutants



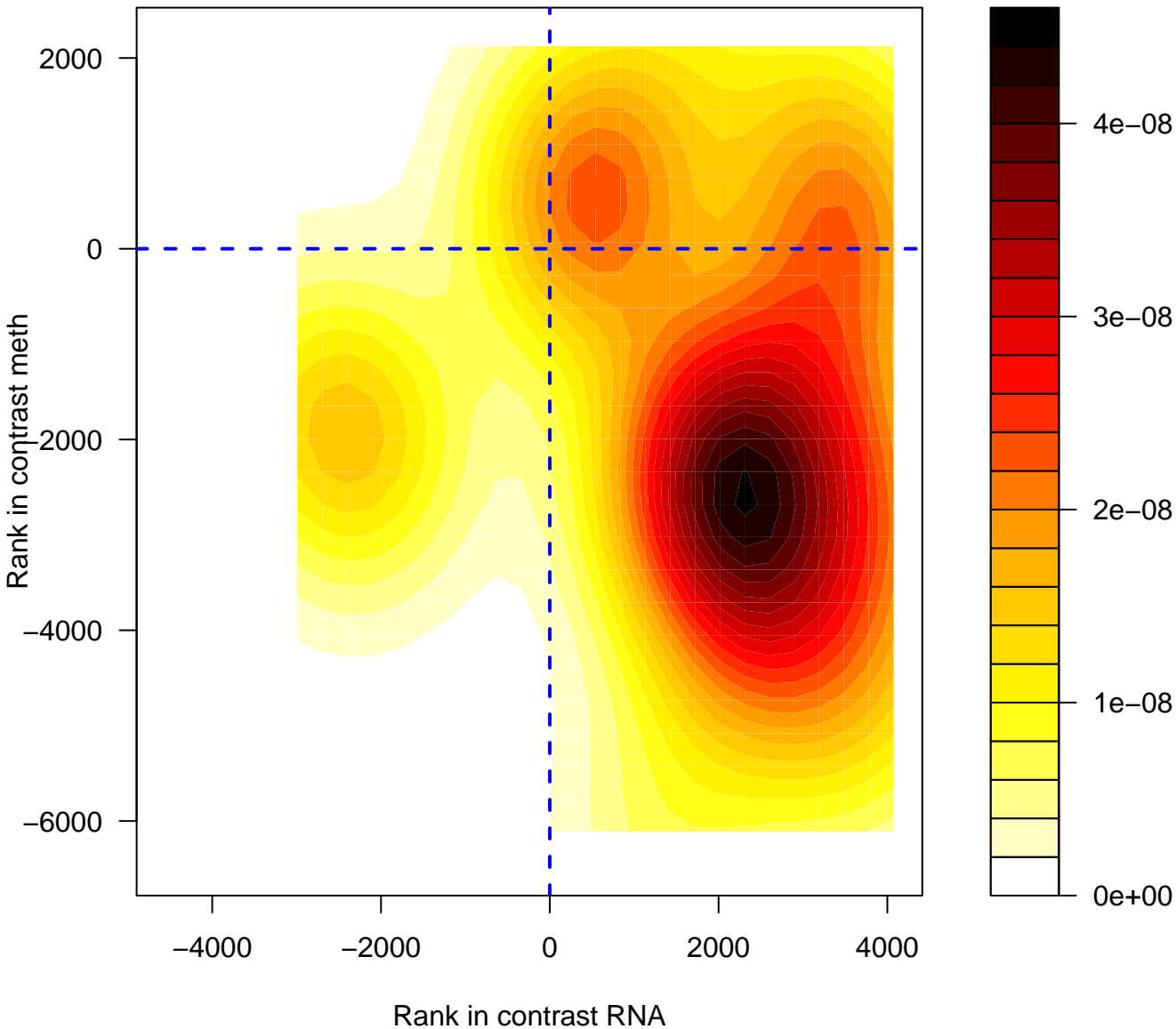
Signaling by RAF1 mutants



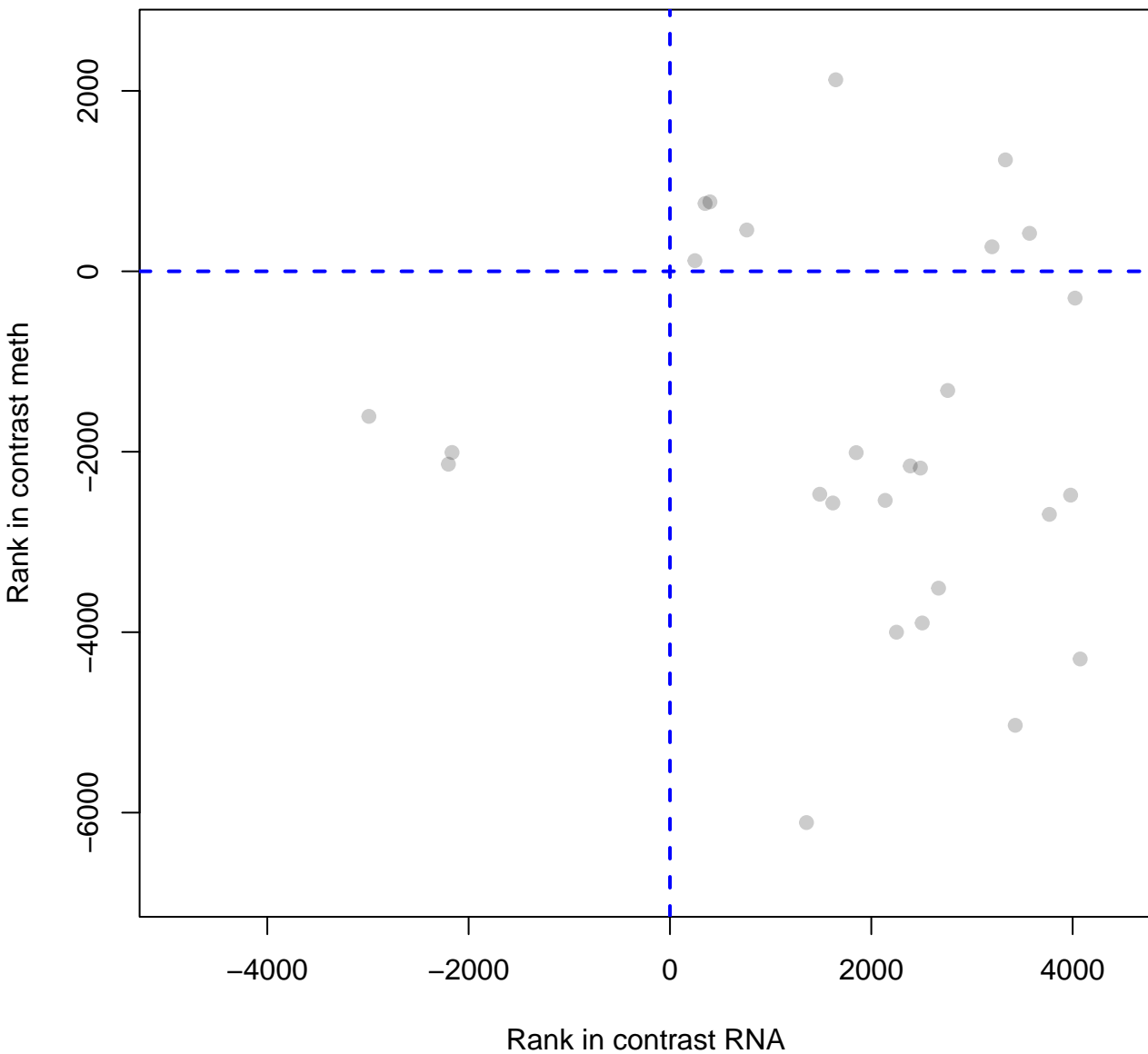
Signaling by RAF1 mutants



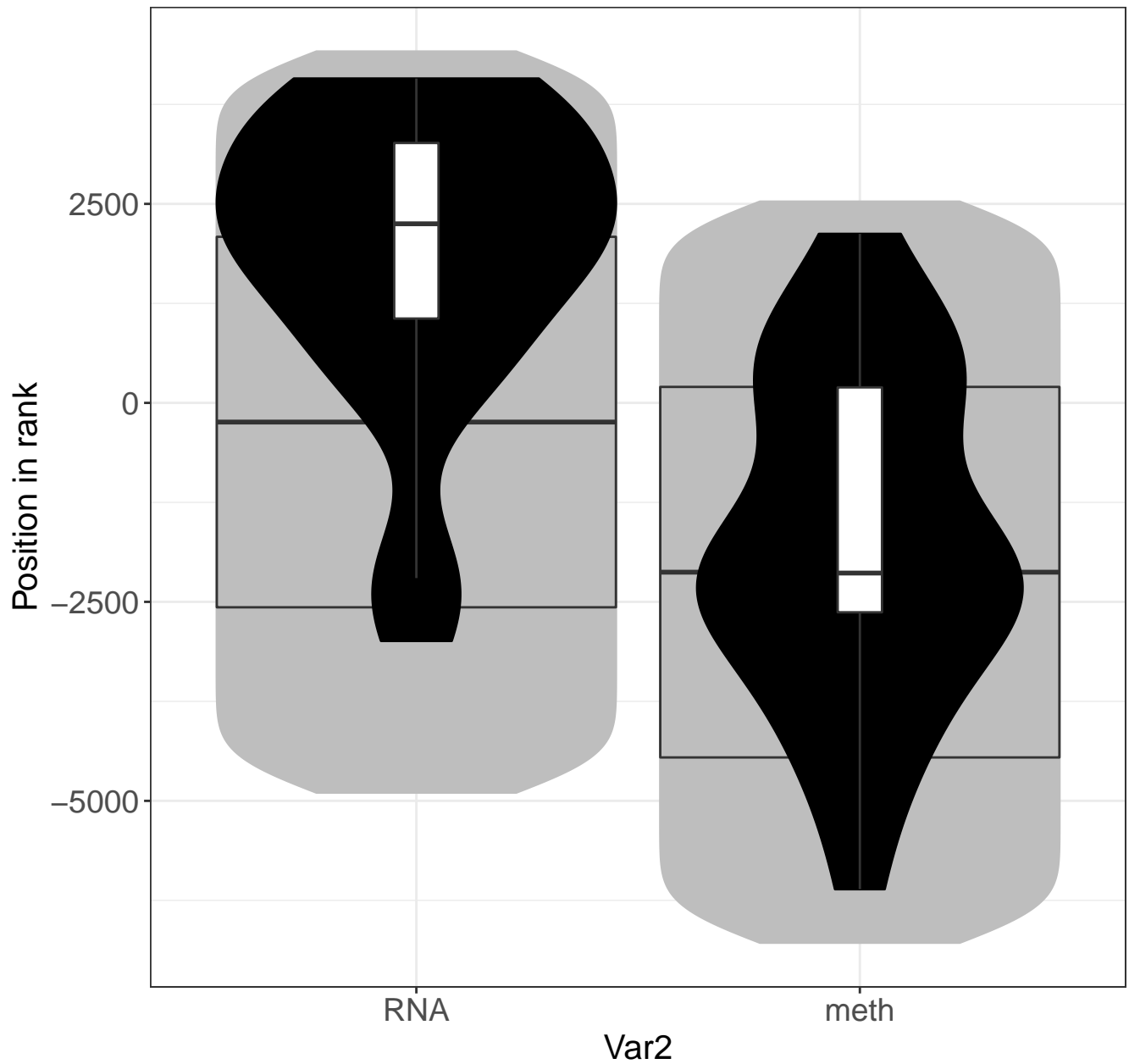
Endosomal Sorting Complex Required For Transport (ESC)



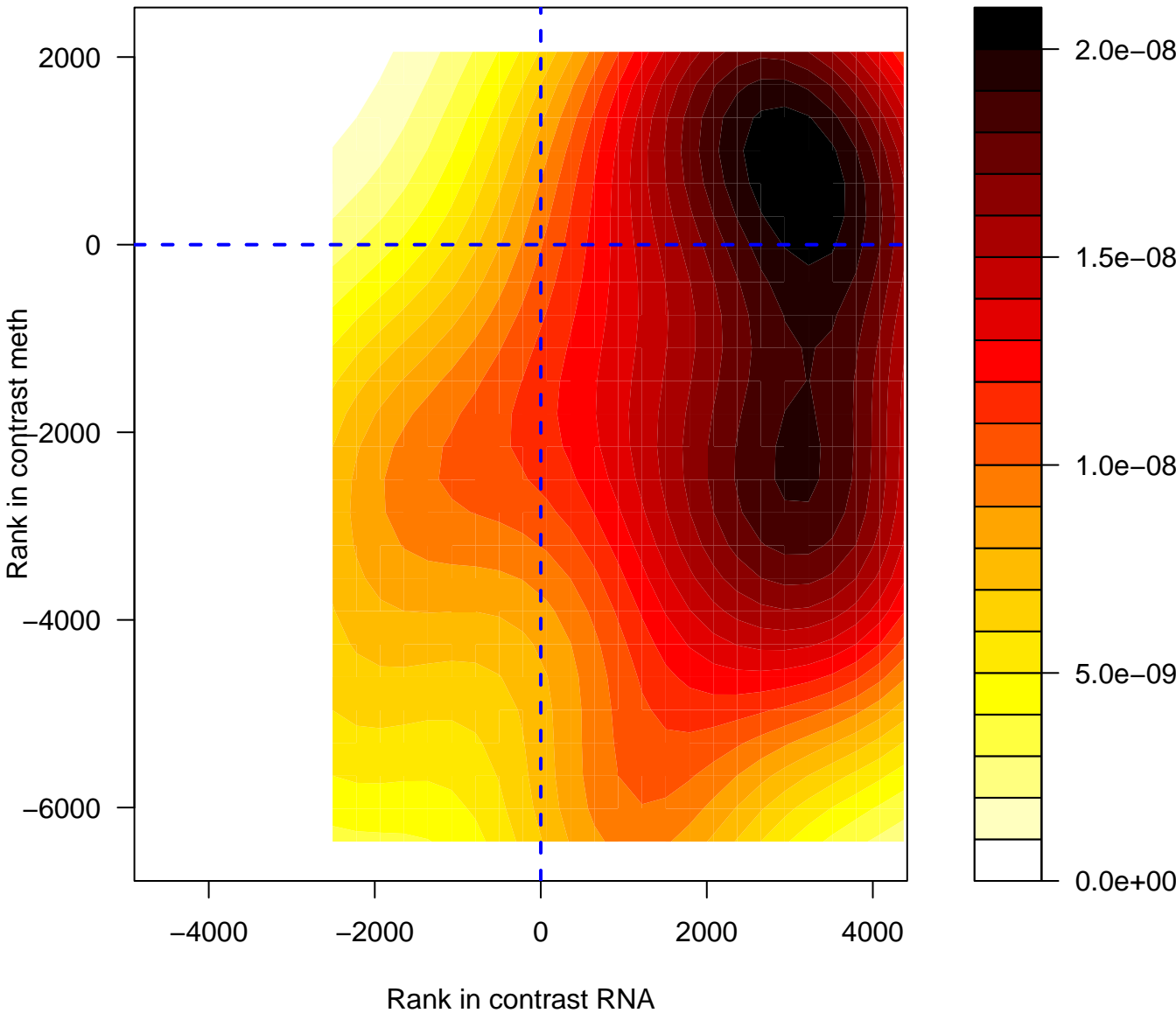
Endosomal Sorting Complex Required For Transport (ESCRT)



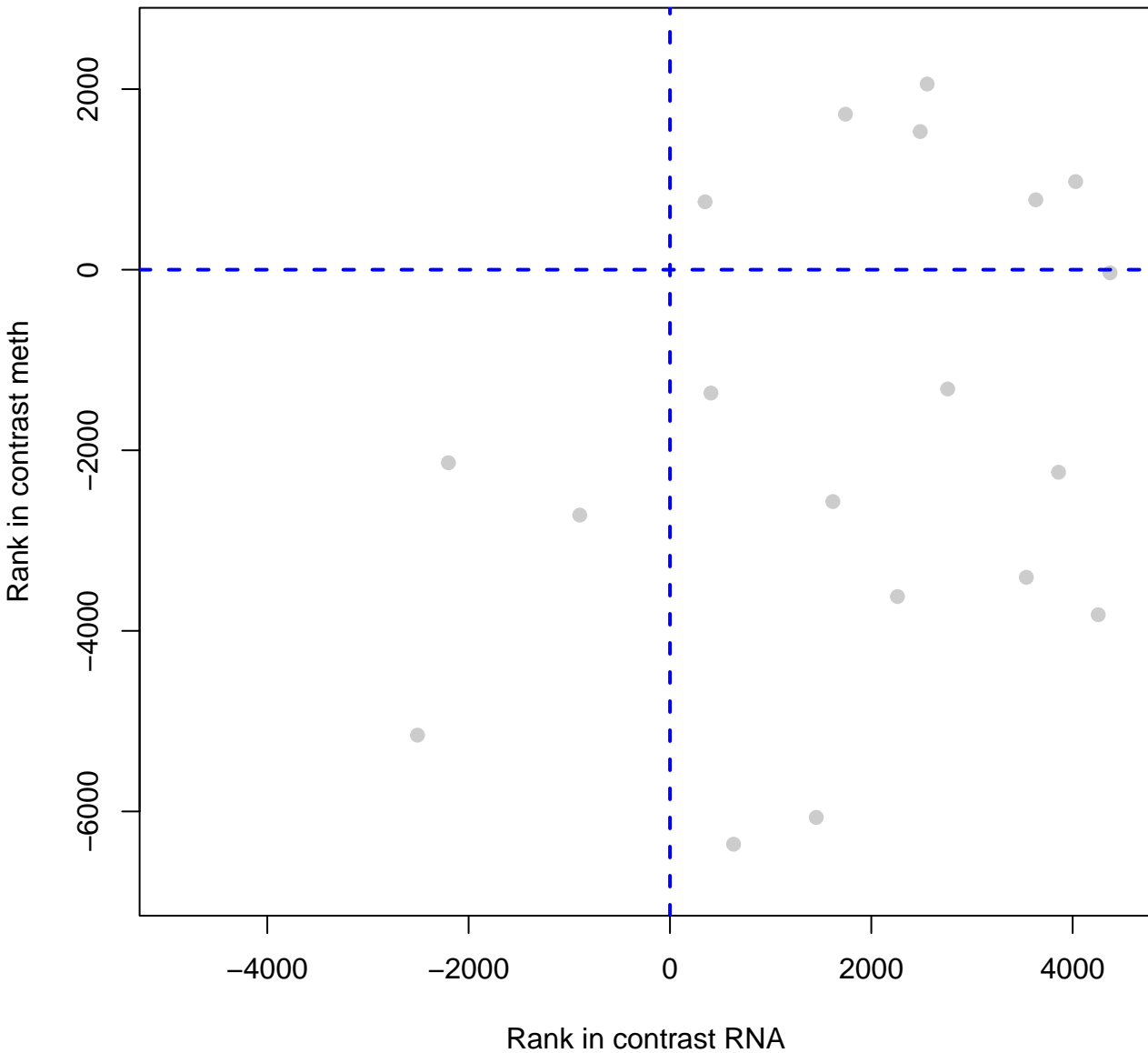
Endosomal Sorting Complex Required For Transp



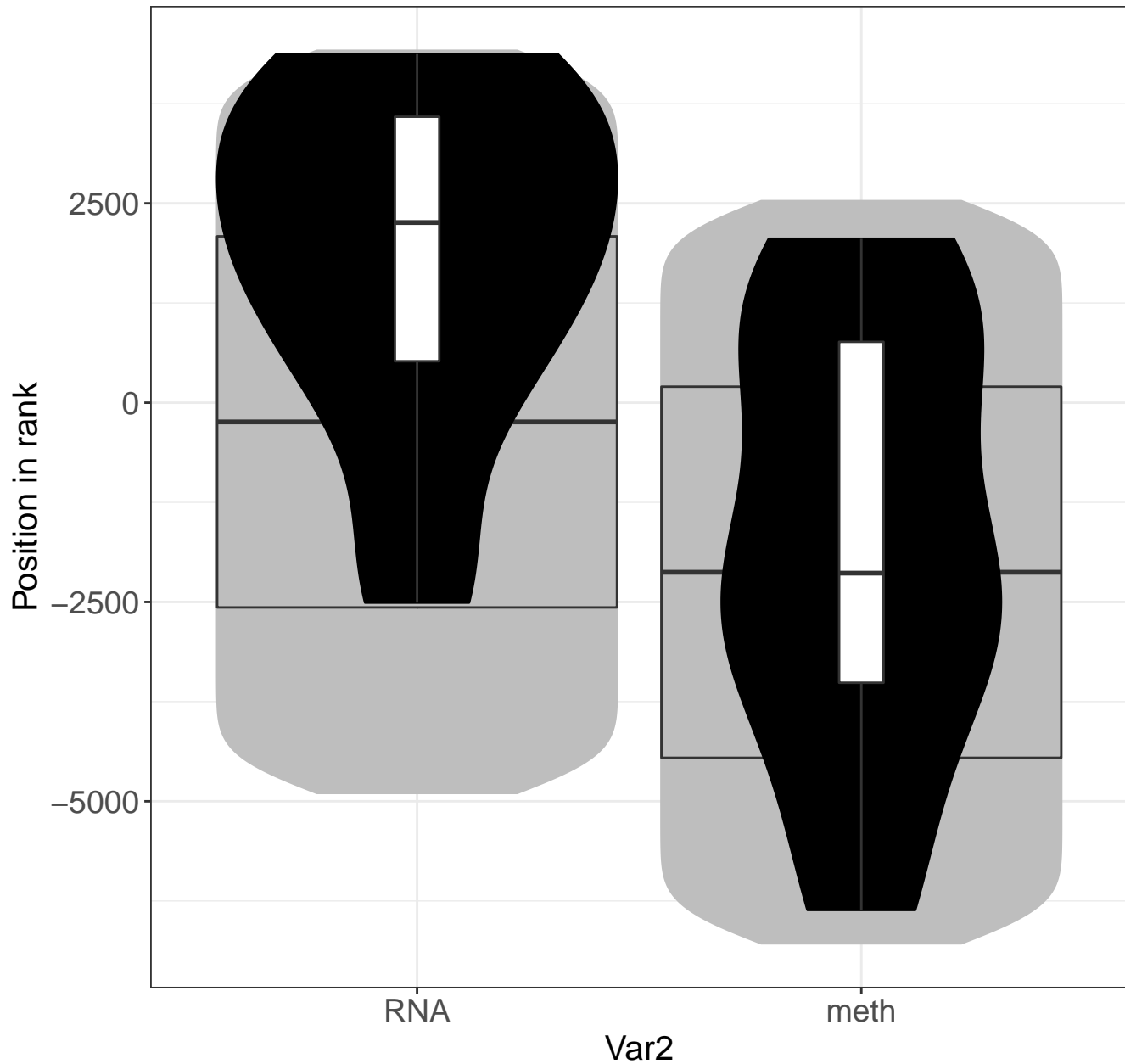
Activated NOTCH1 Transmits Signal to the Nucleus



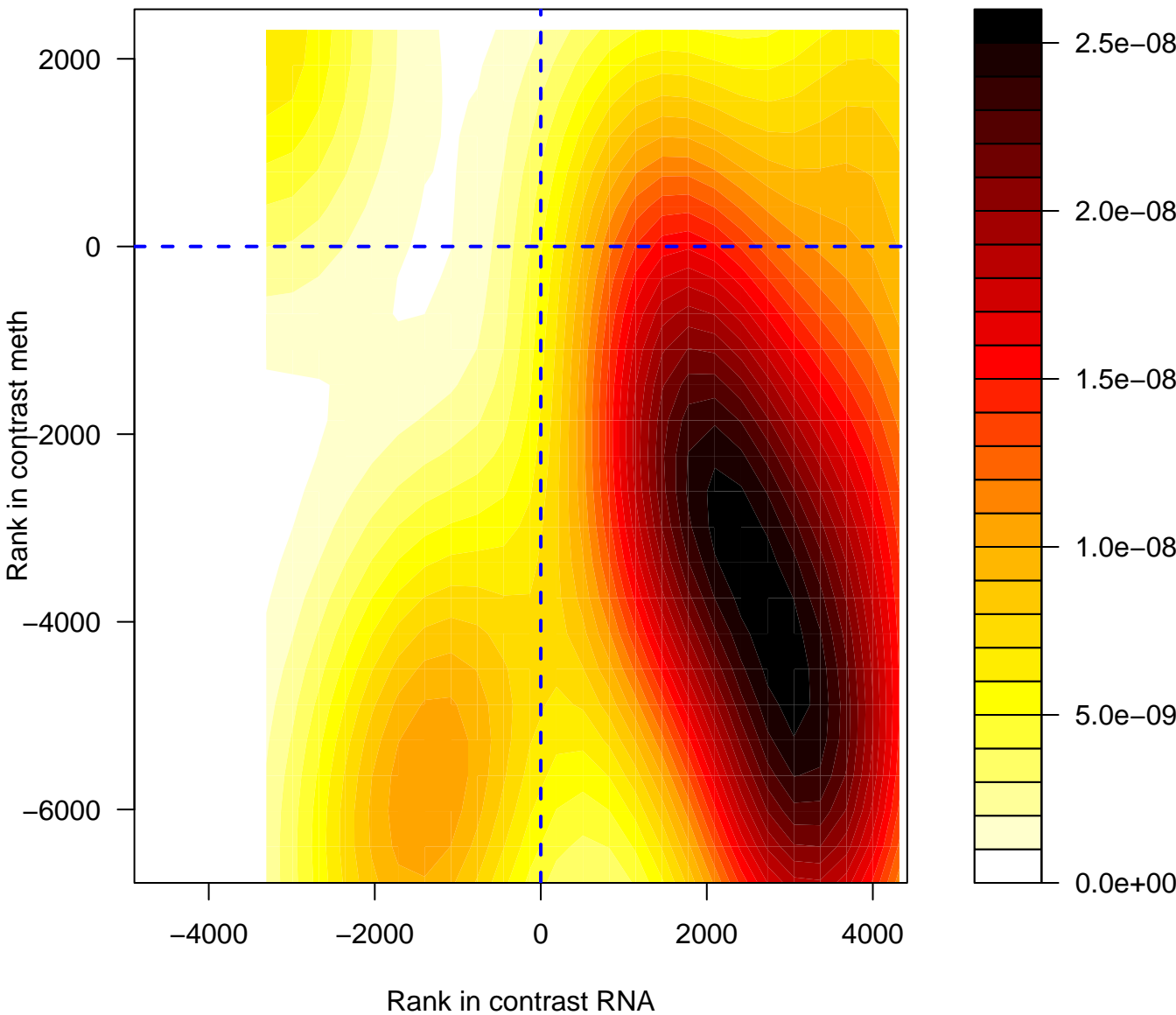
Activated NOTCH1 Transmits Signal to the Nucleus



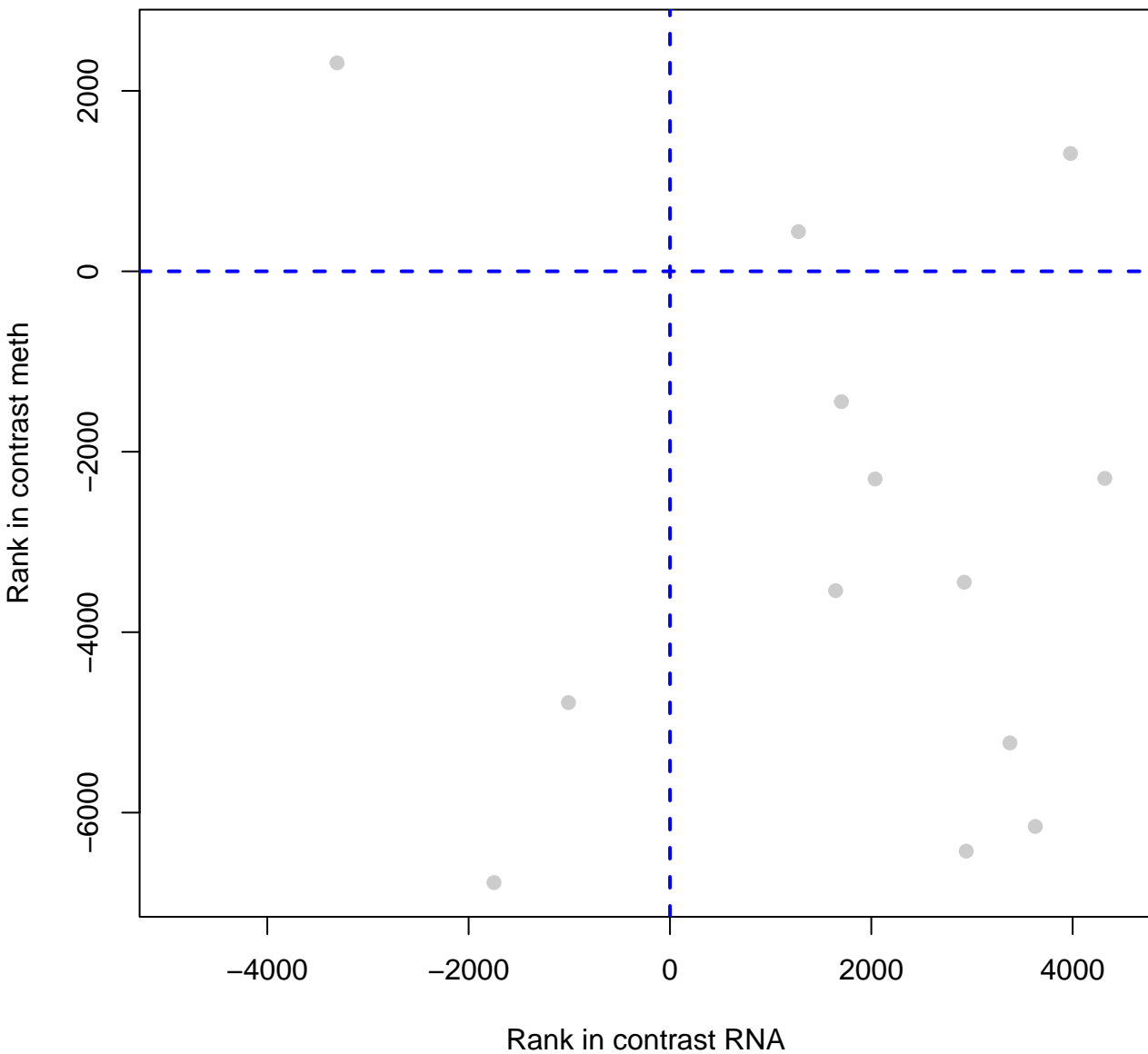
Activated NOTCH1 Transmits Signal to the Nucleus



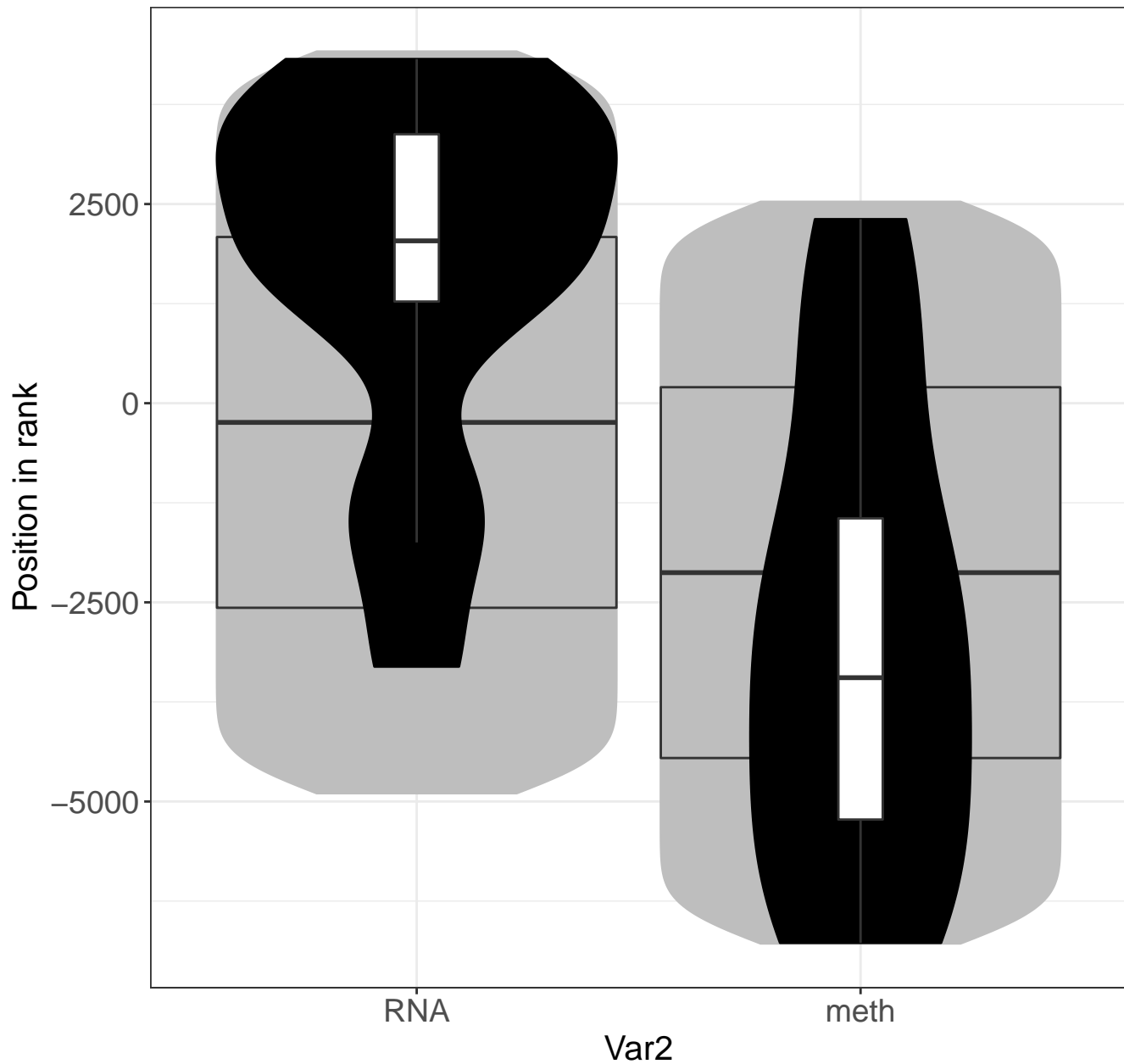
Signaling by FLT3 ITD and TKD mutants



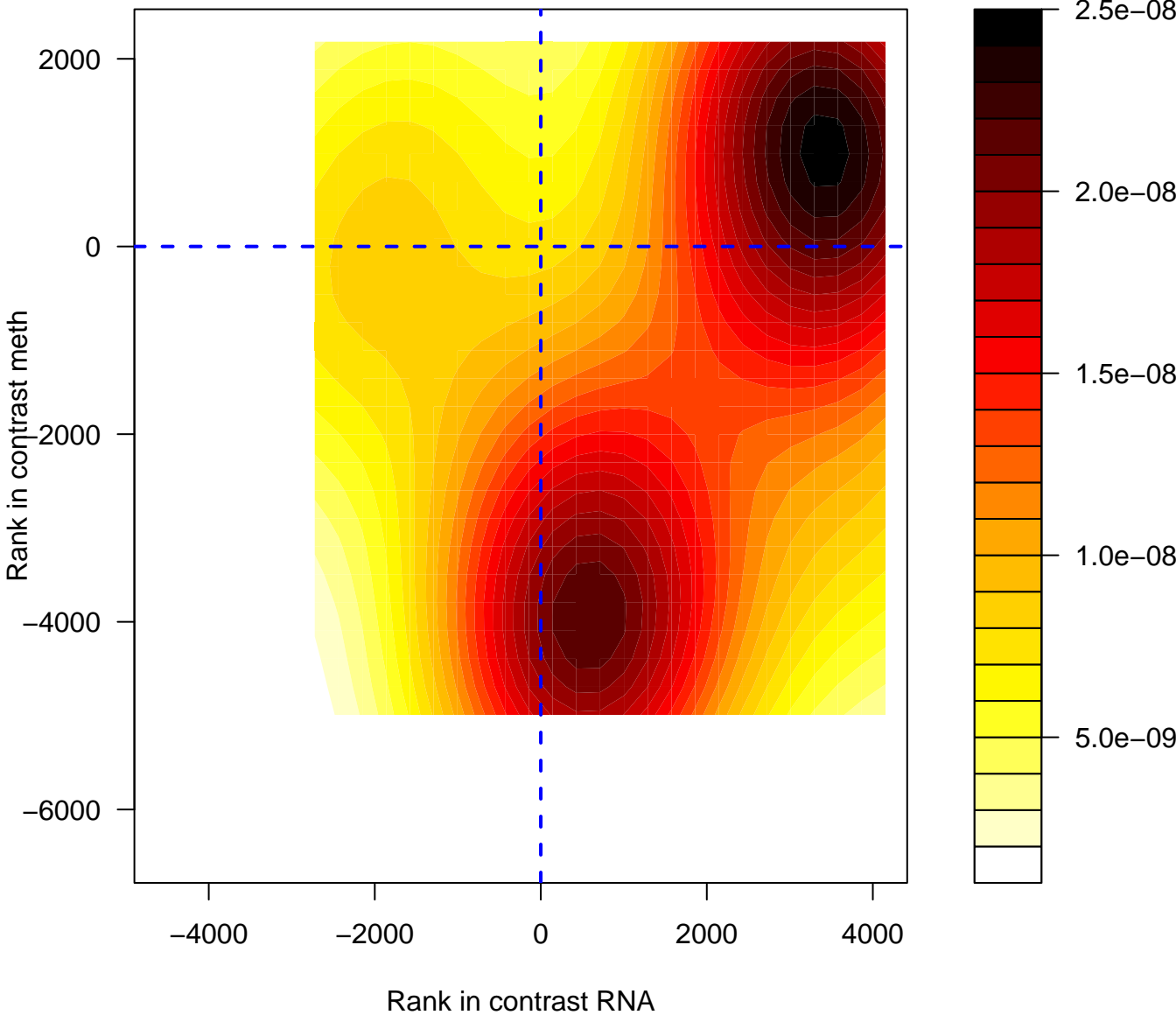
Signaling by FLT3 ITD and TKD mutants



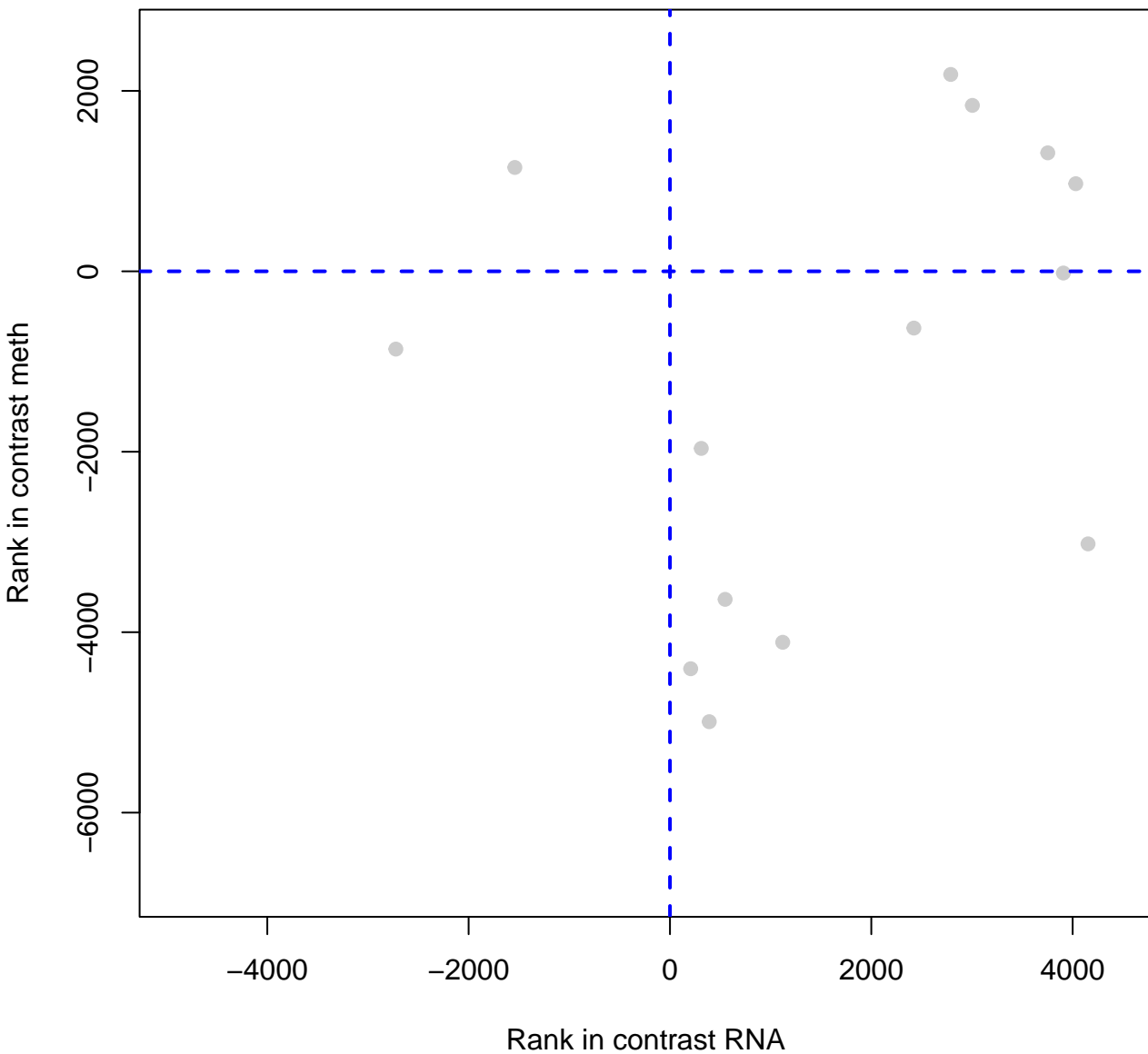
Signaling by FLT3 ITD and TKD mutants



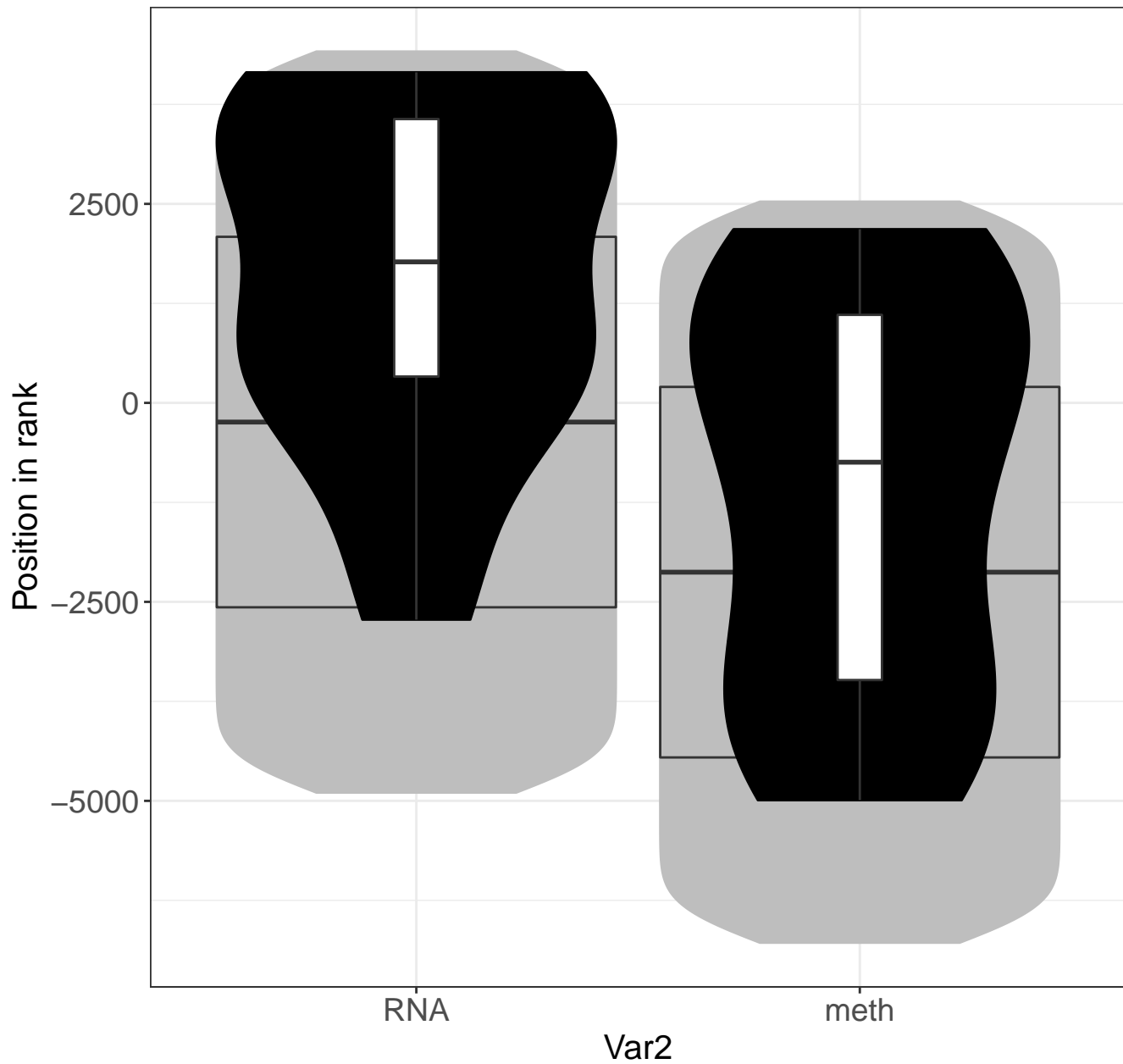
RHO GTPases activate CIT



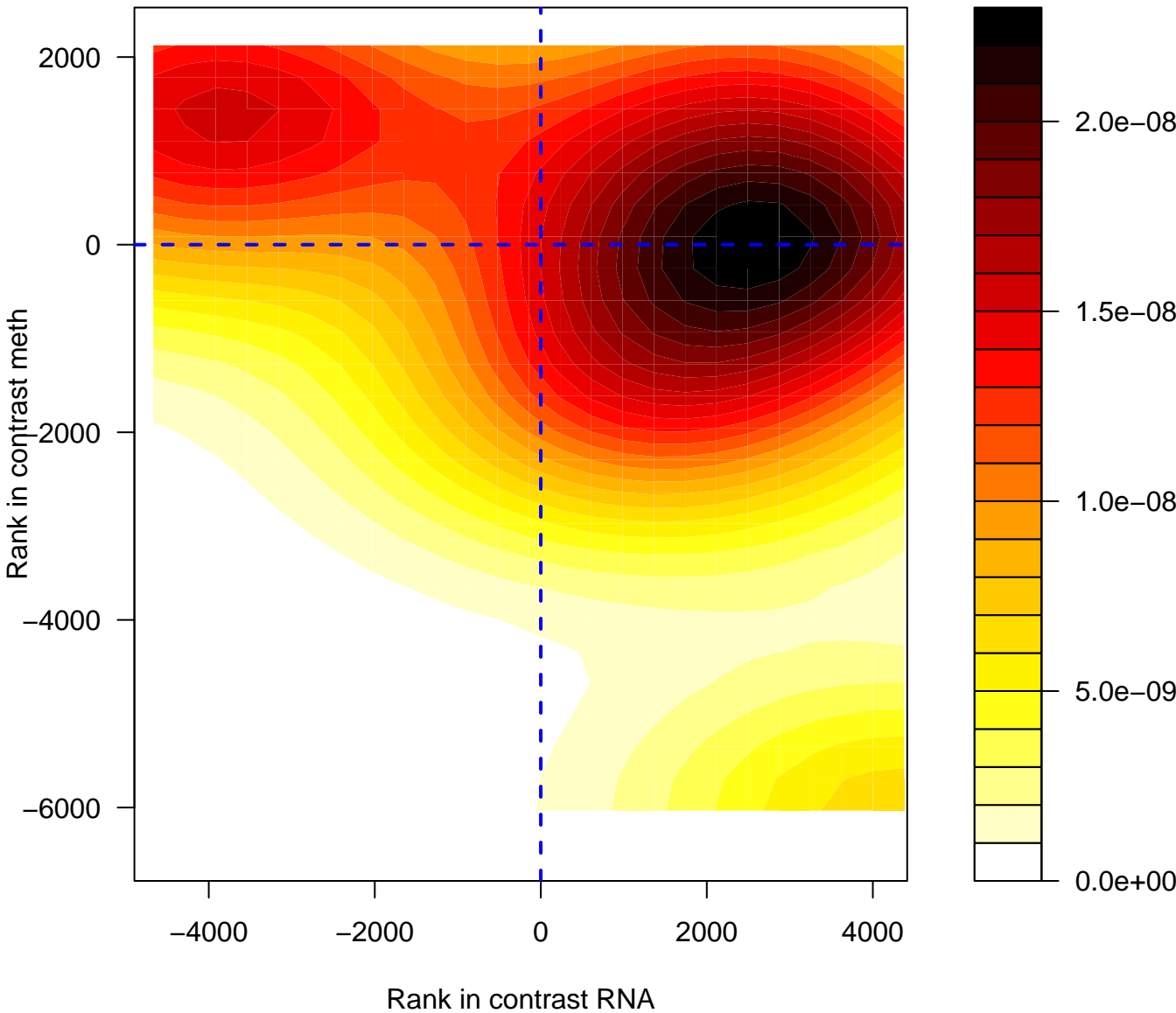
RHO GTPases activate CIT



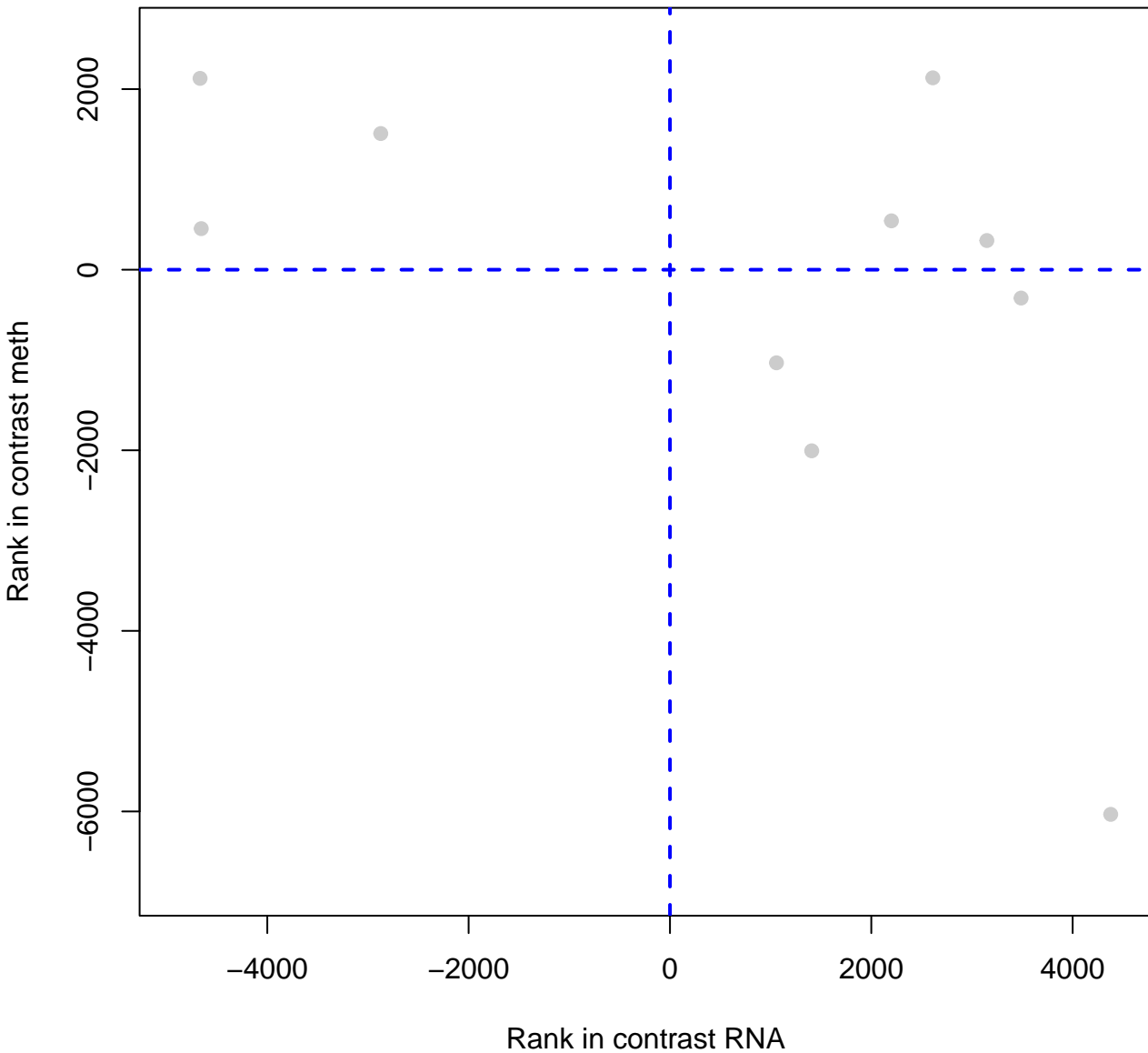
RHO GTPases activate CIT



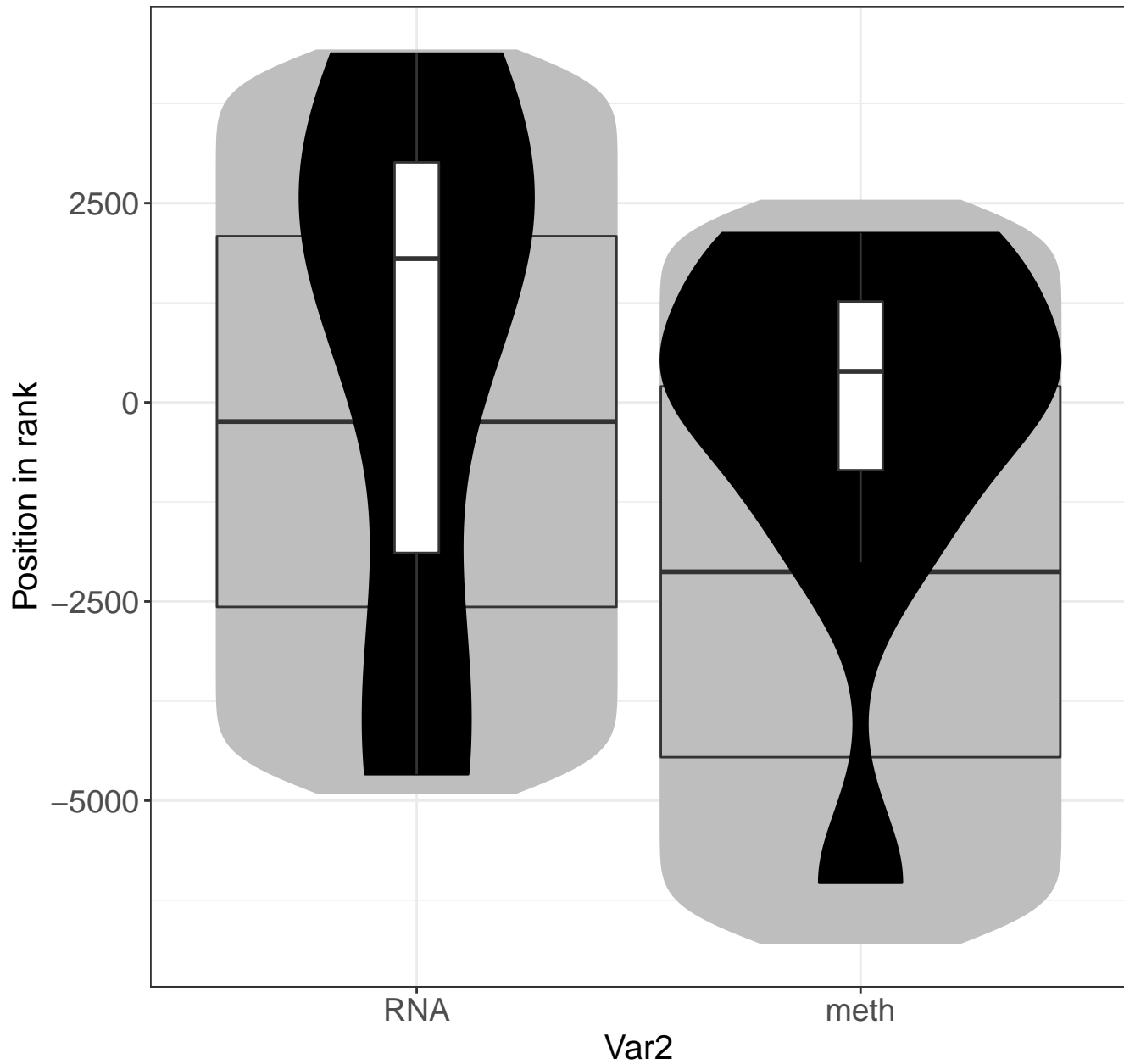
Rap1 signalling



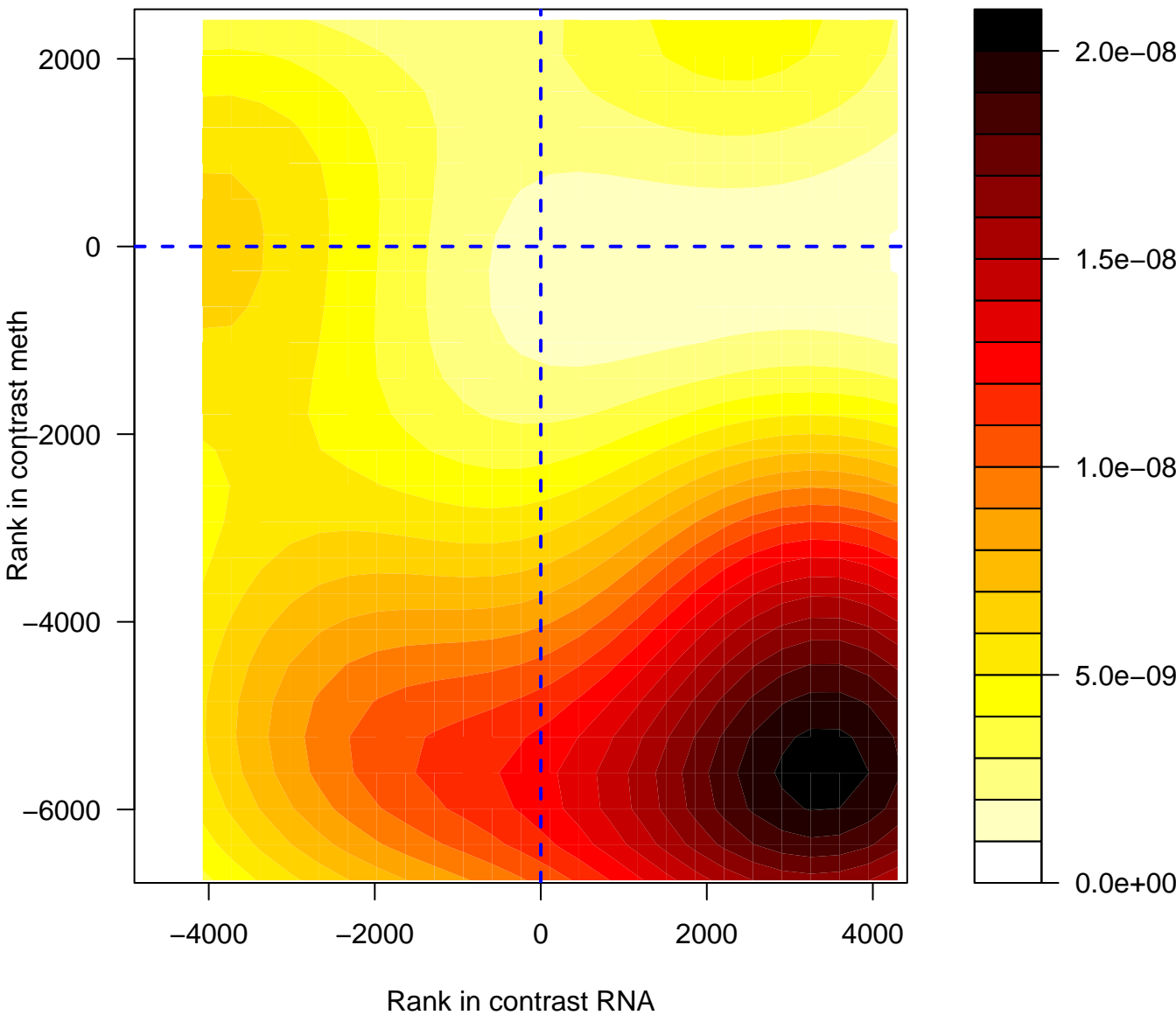
Rap1 signalling



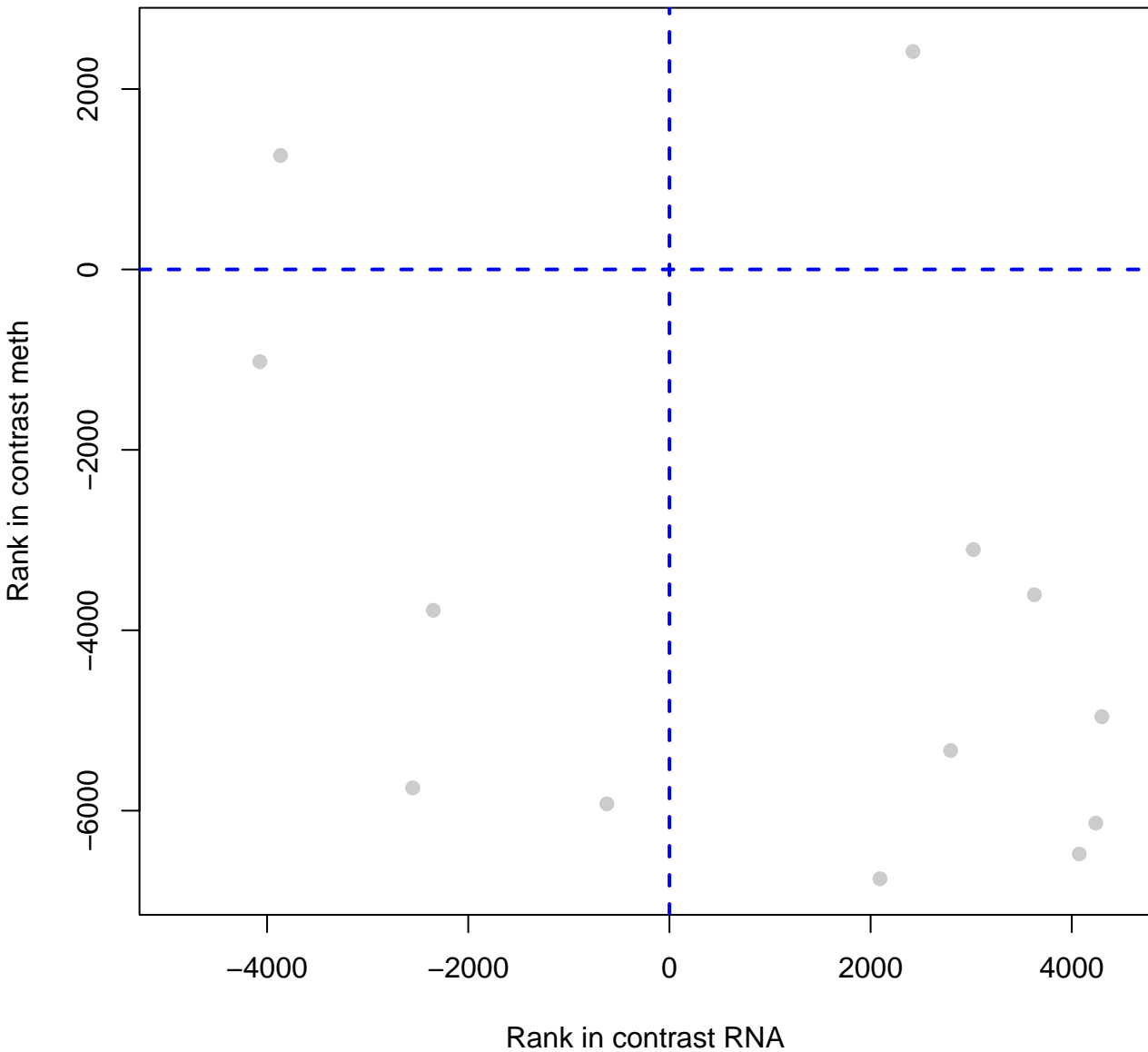
Rap1 signalling



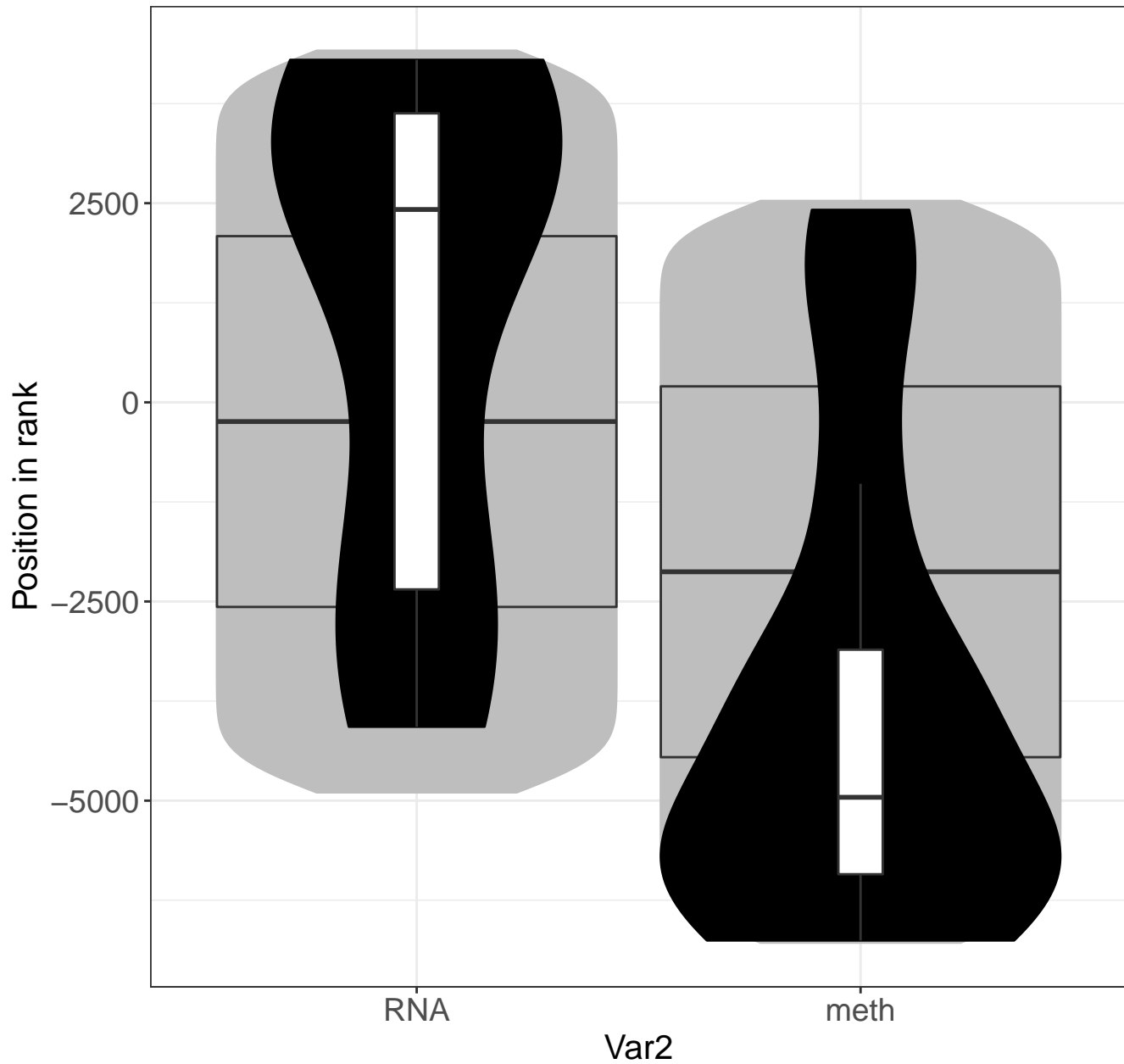
Interleukin-10 signaling



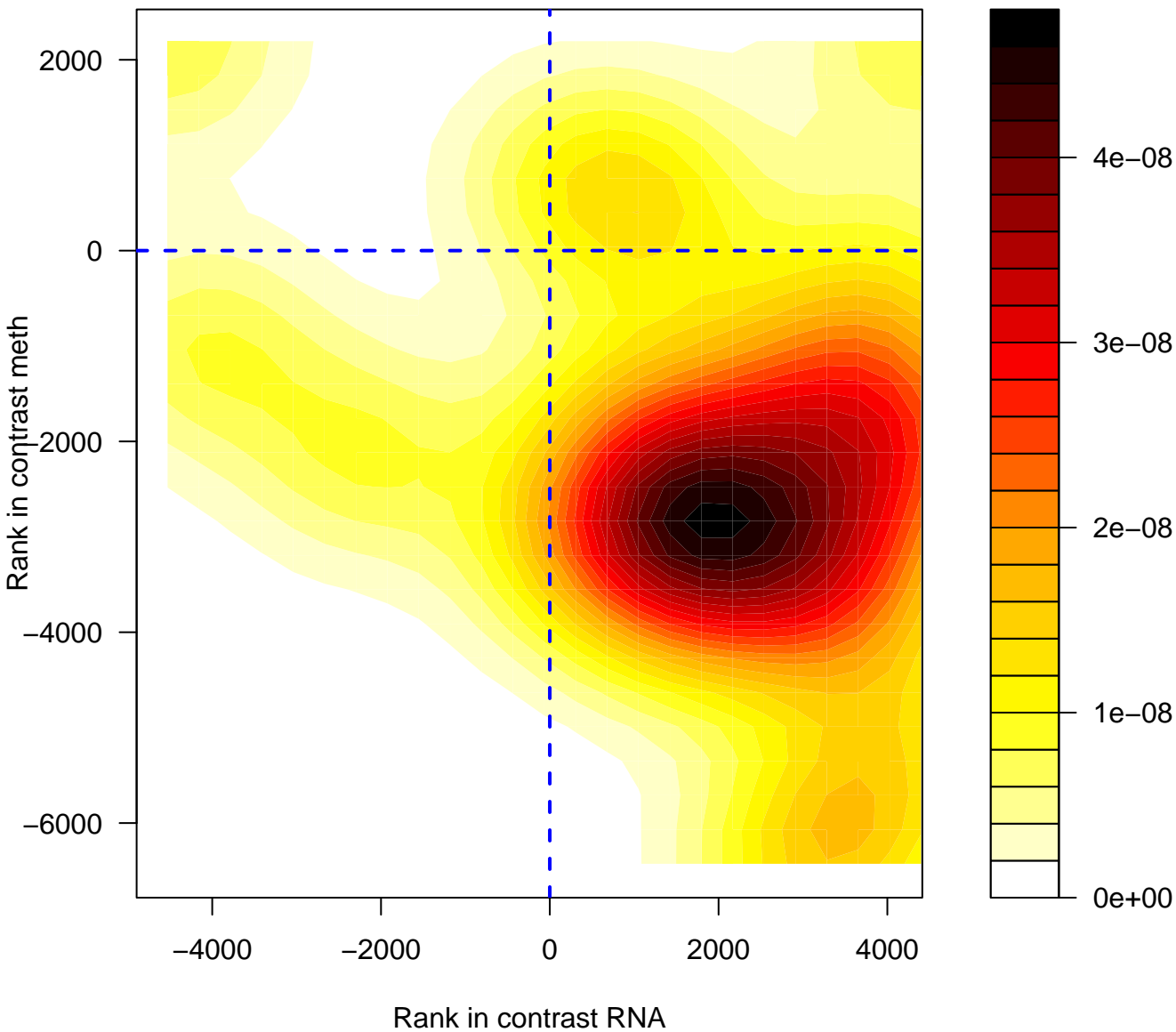
Interleukin-10 signaling



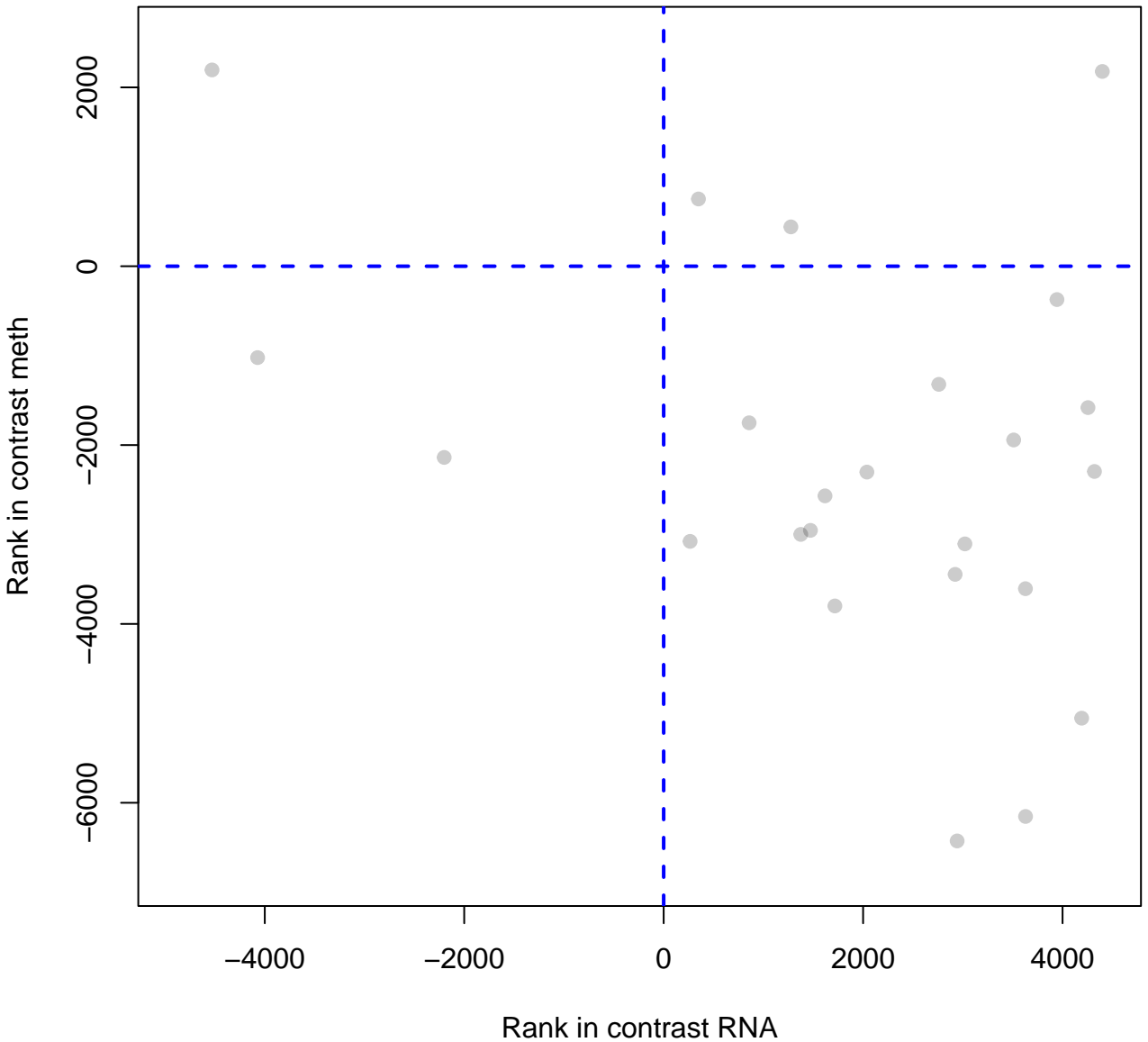
Interleukin-10 signaling



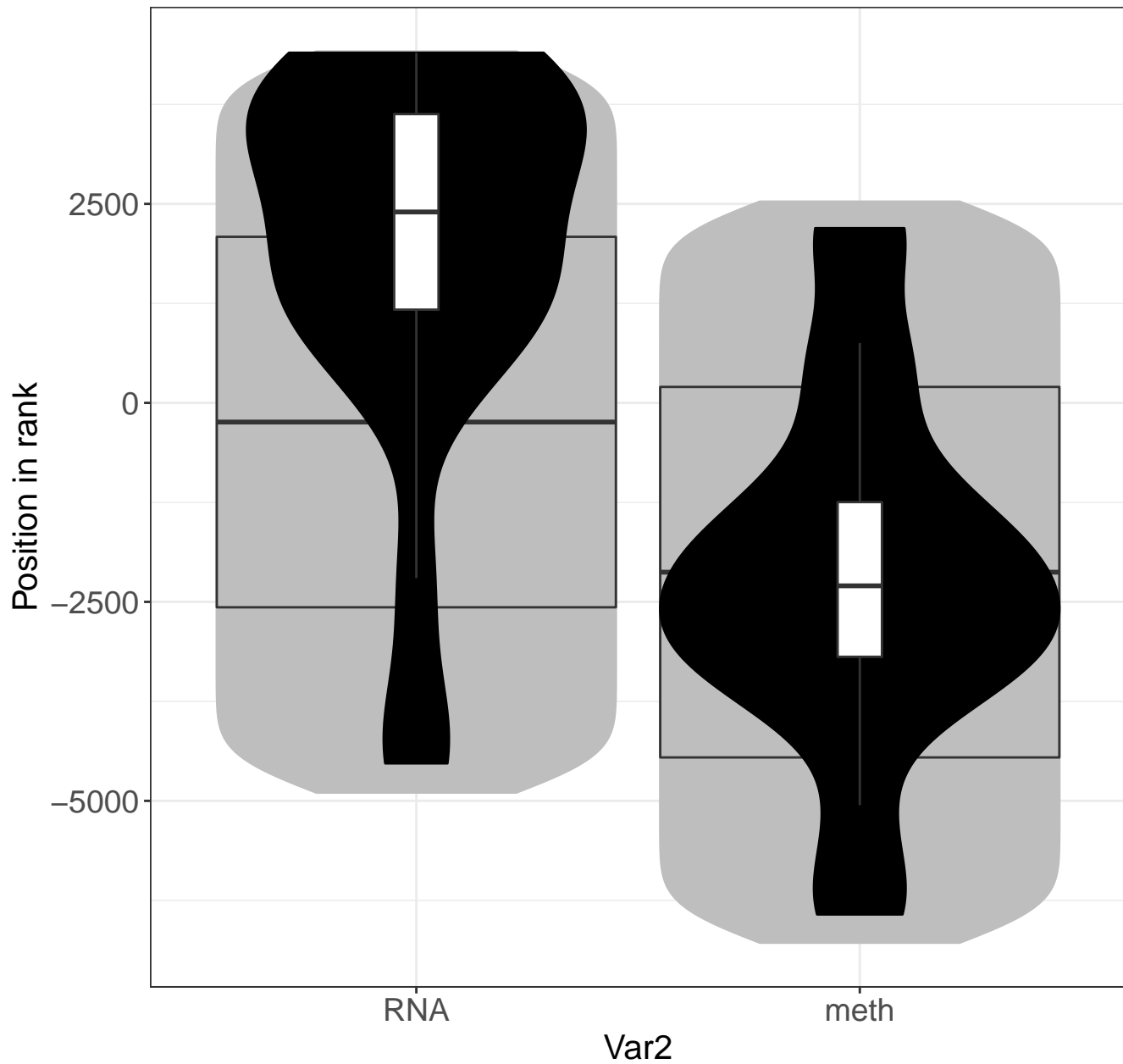
Signaling by CSF3 (G-CSF)



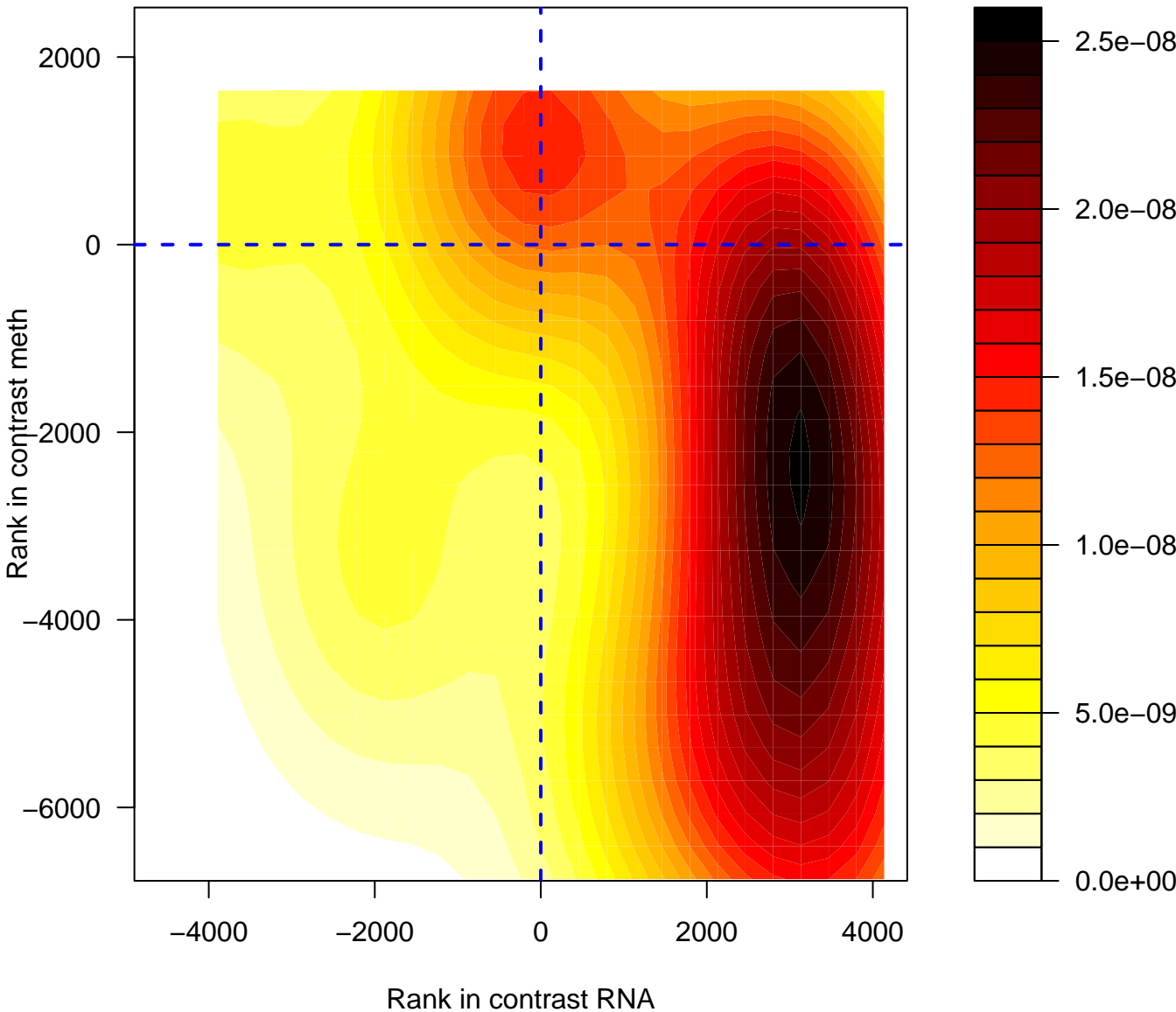
Signaling by CSF3 (G-CSF)



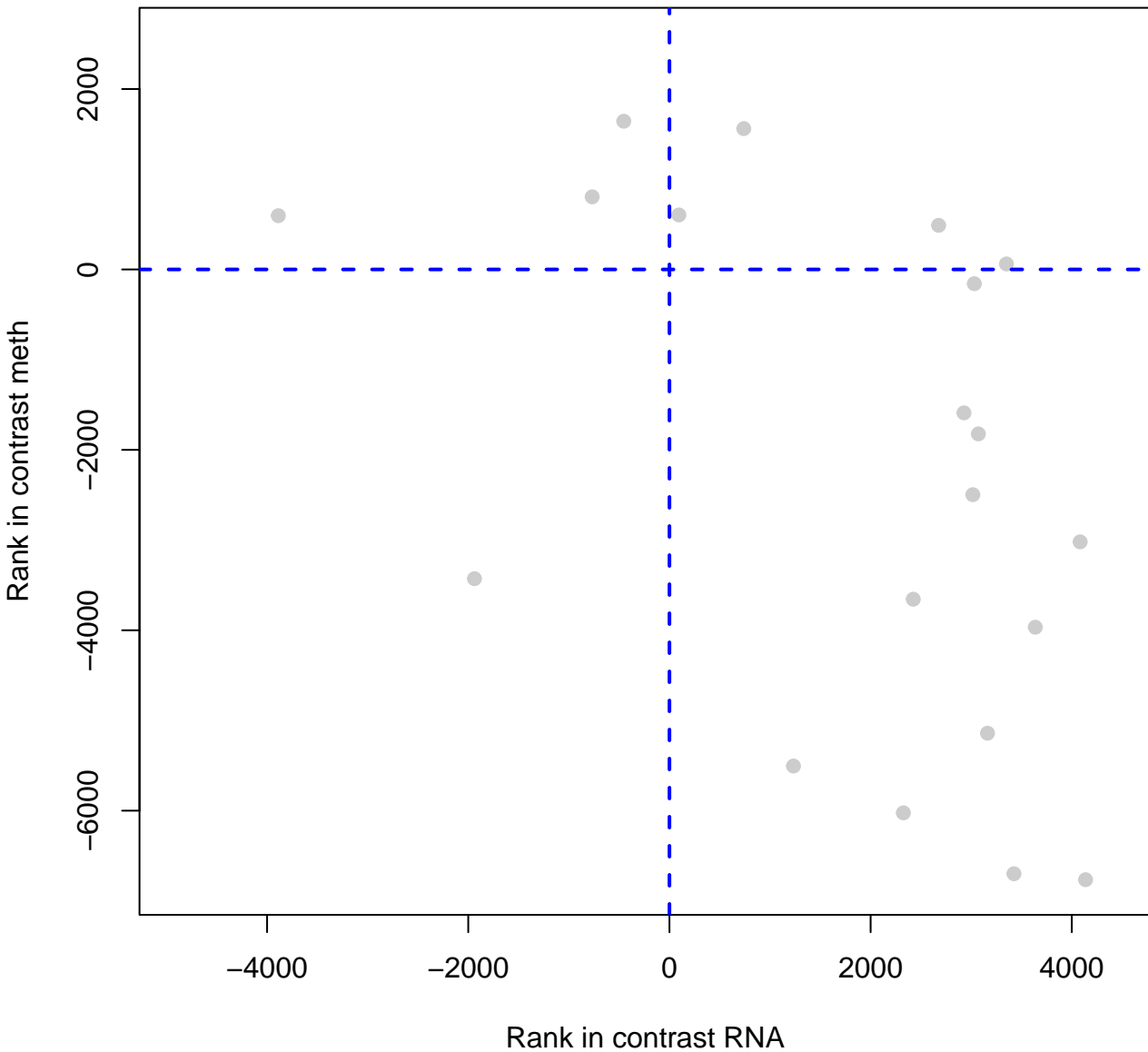
Signaling by CSF3 (G-CSF)



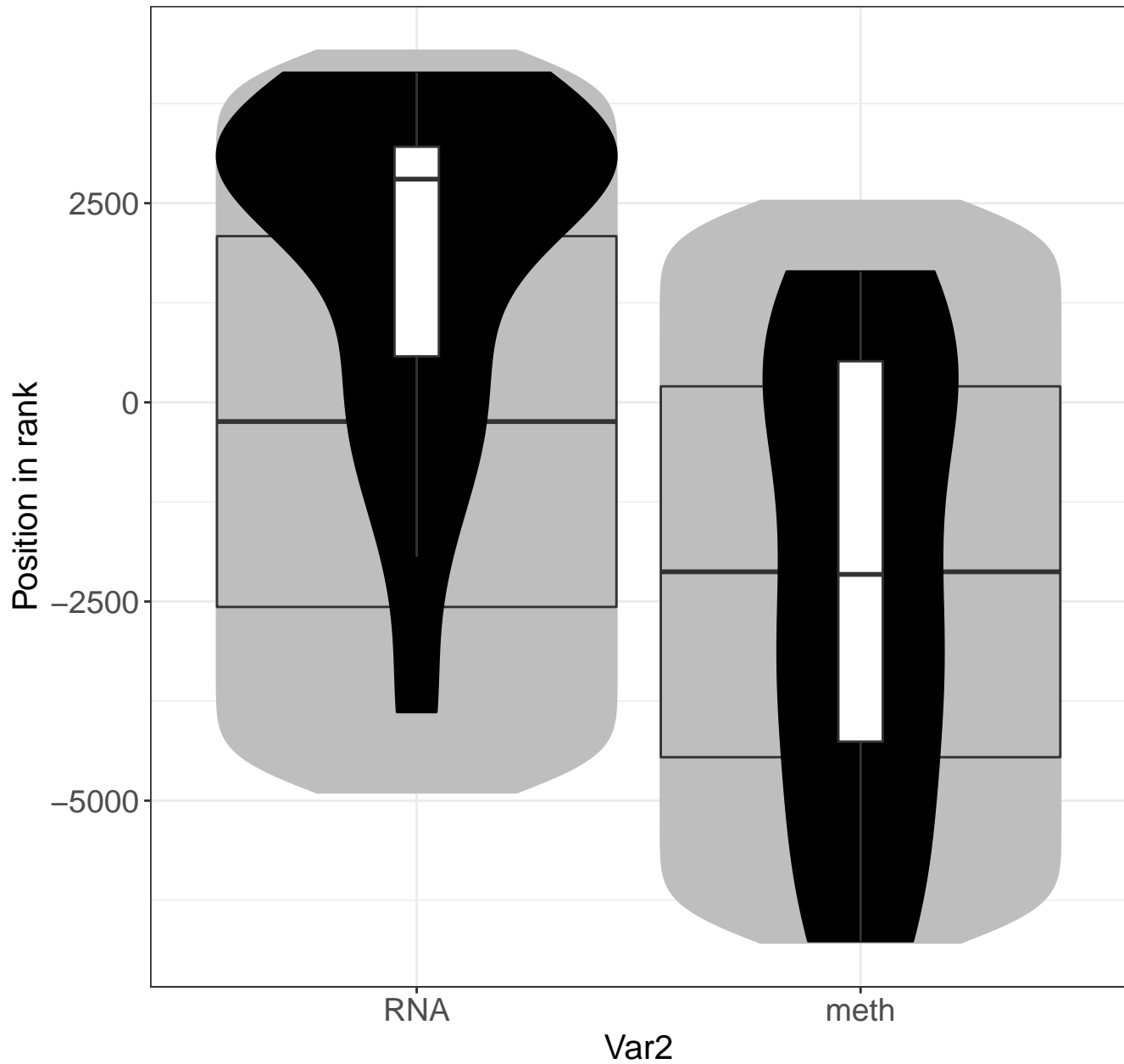
Cargo concentration in the ER



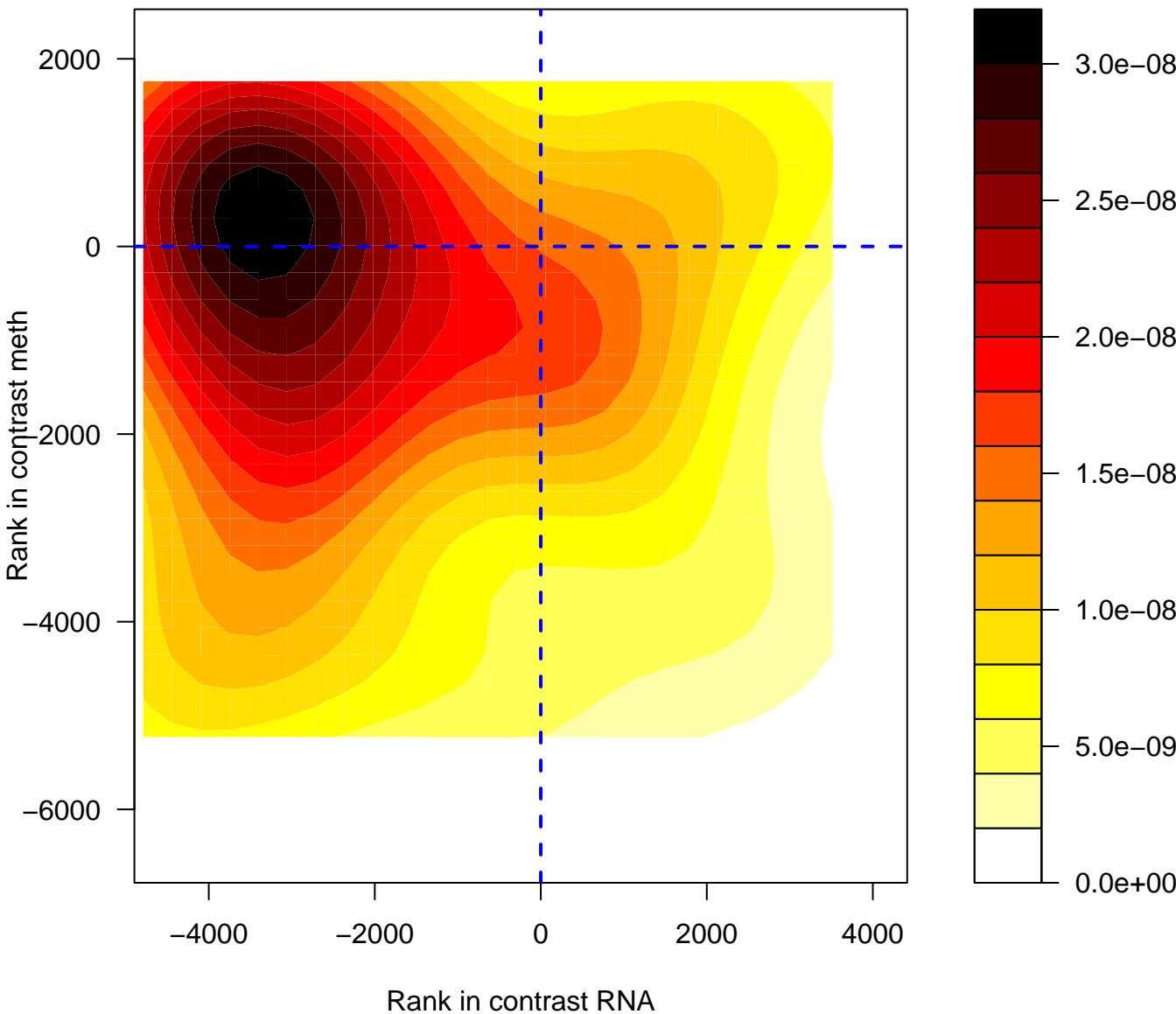
Cargo concentration in the ER



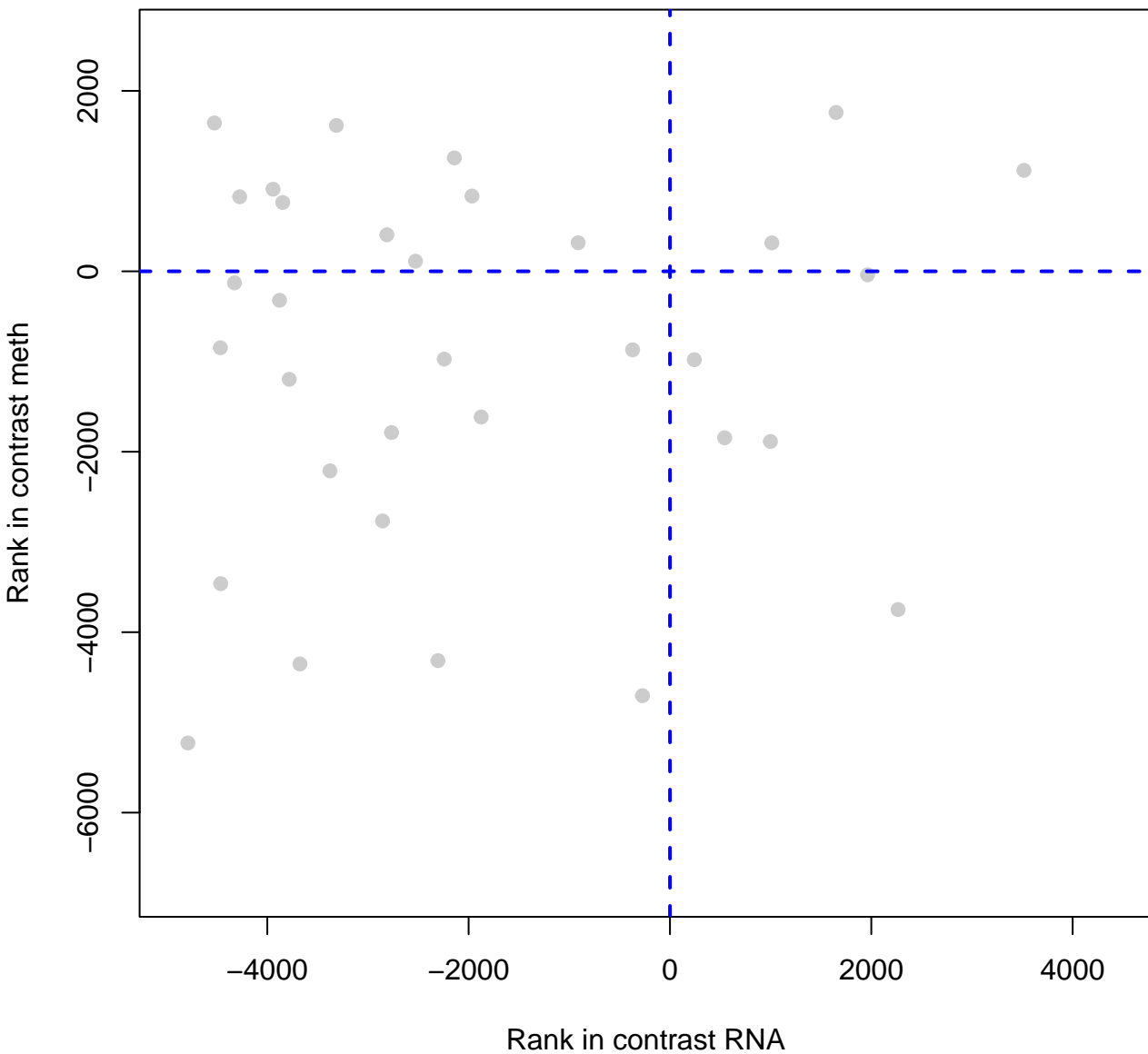
Cargo concentration in the ER



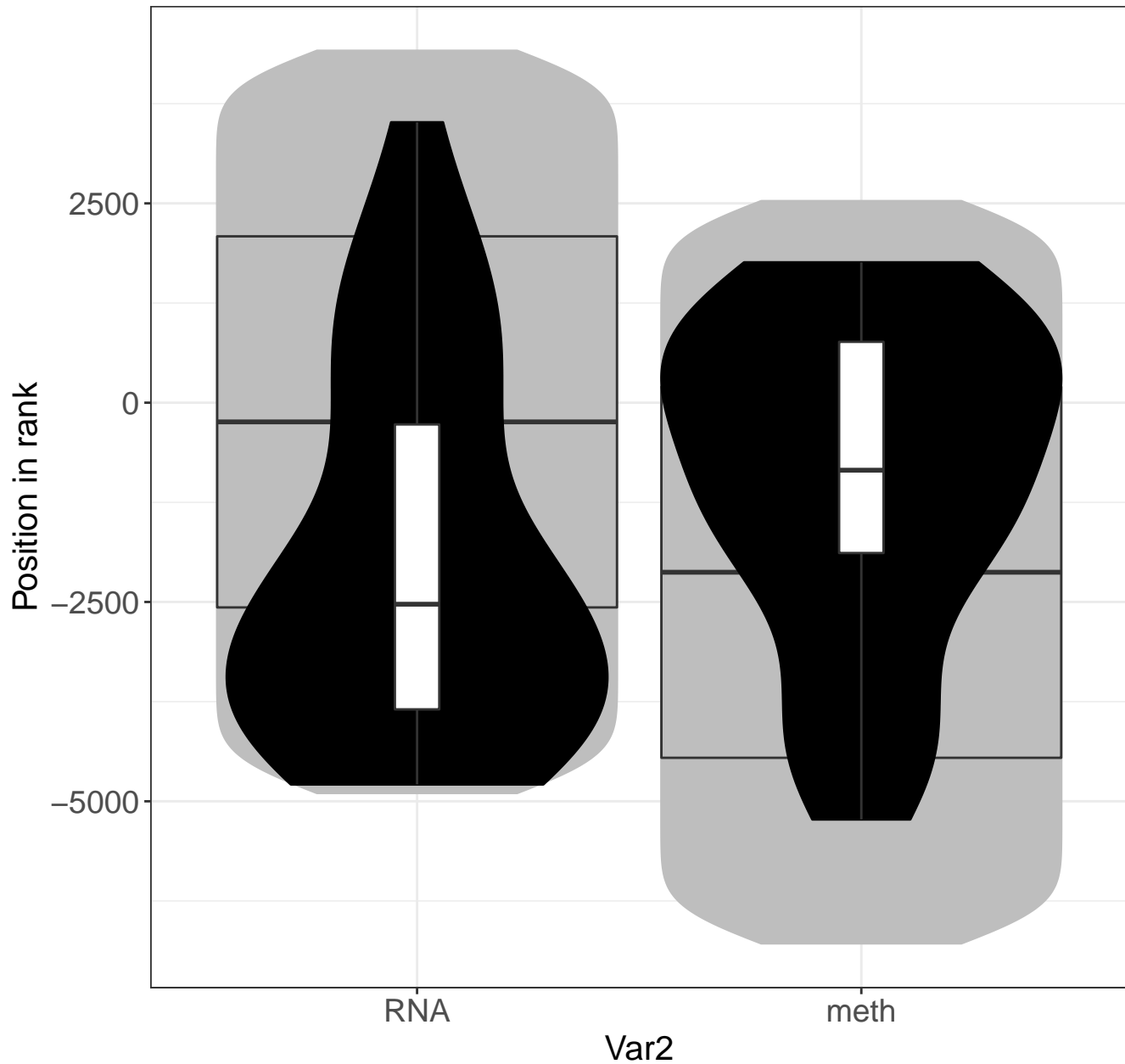
Rev-mediated nuclear export of HIV RNA



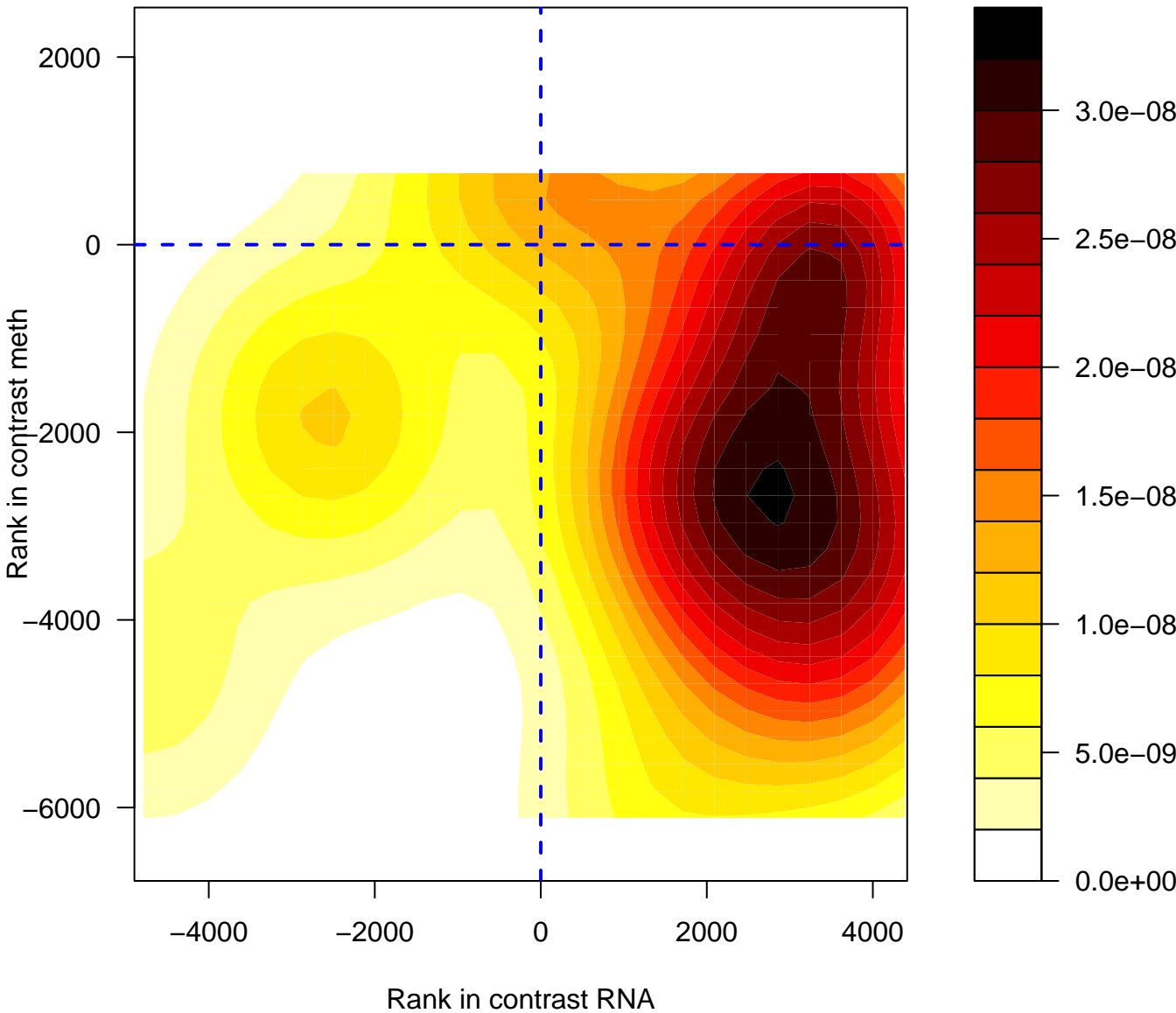
Rev-mediated nuclear export of HIV RNA



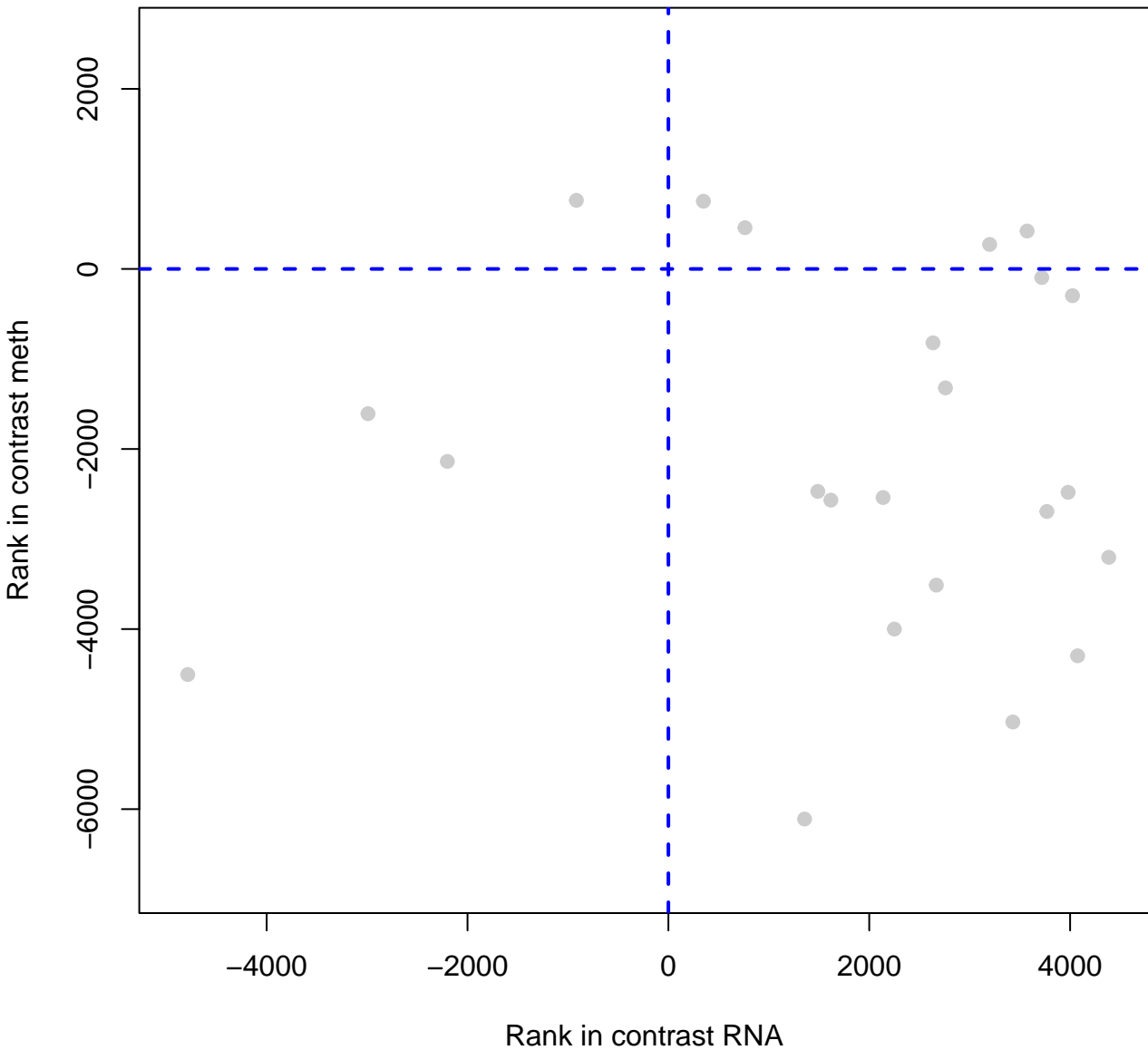
Rev-mediated nuclear export of HIV RNA



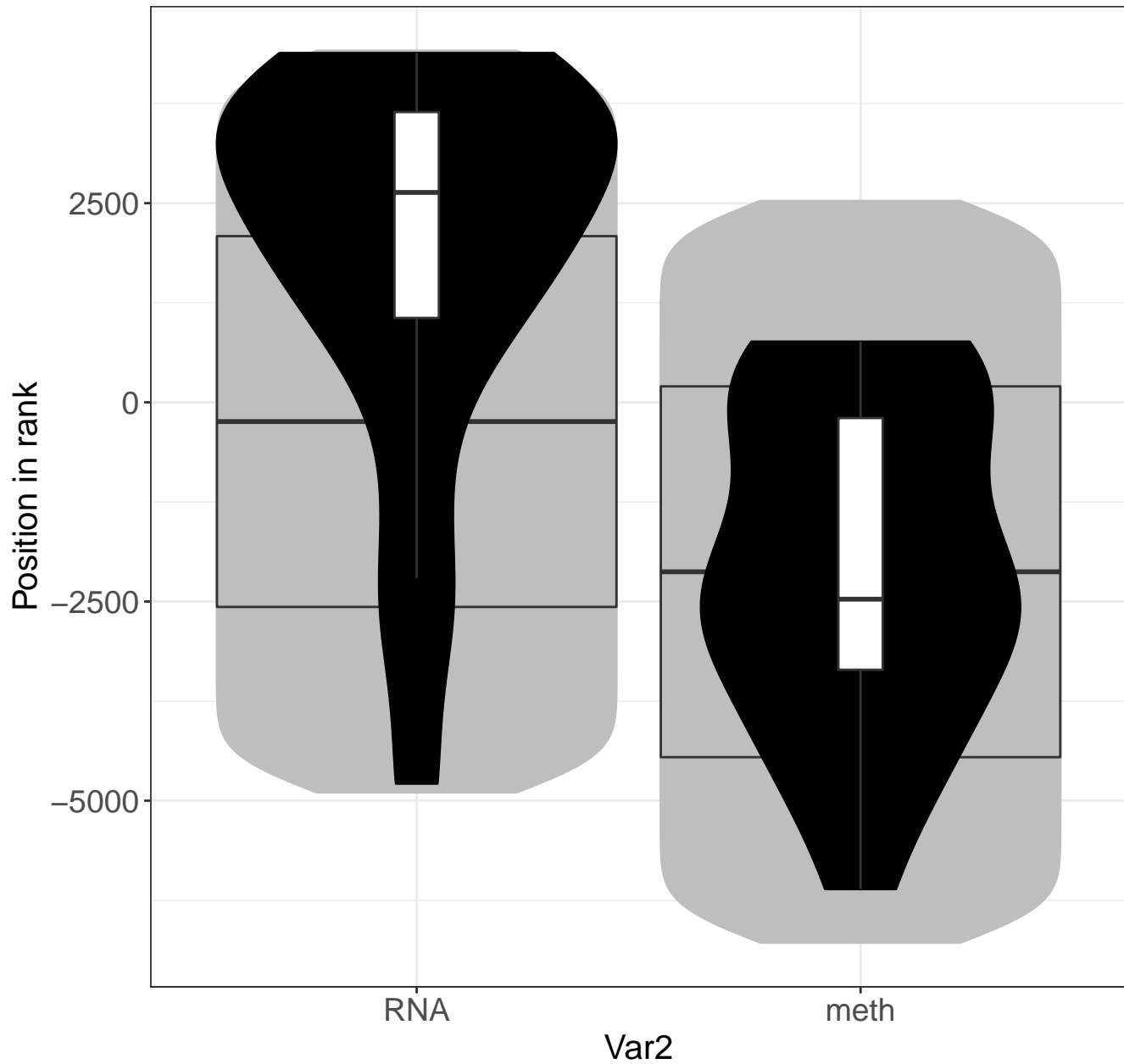
Late endosomal microautophagy



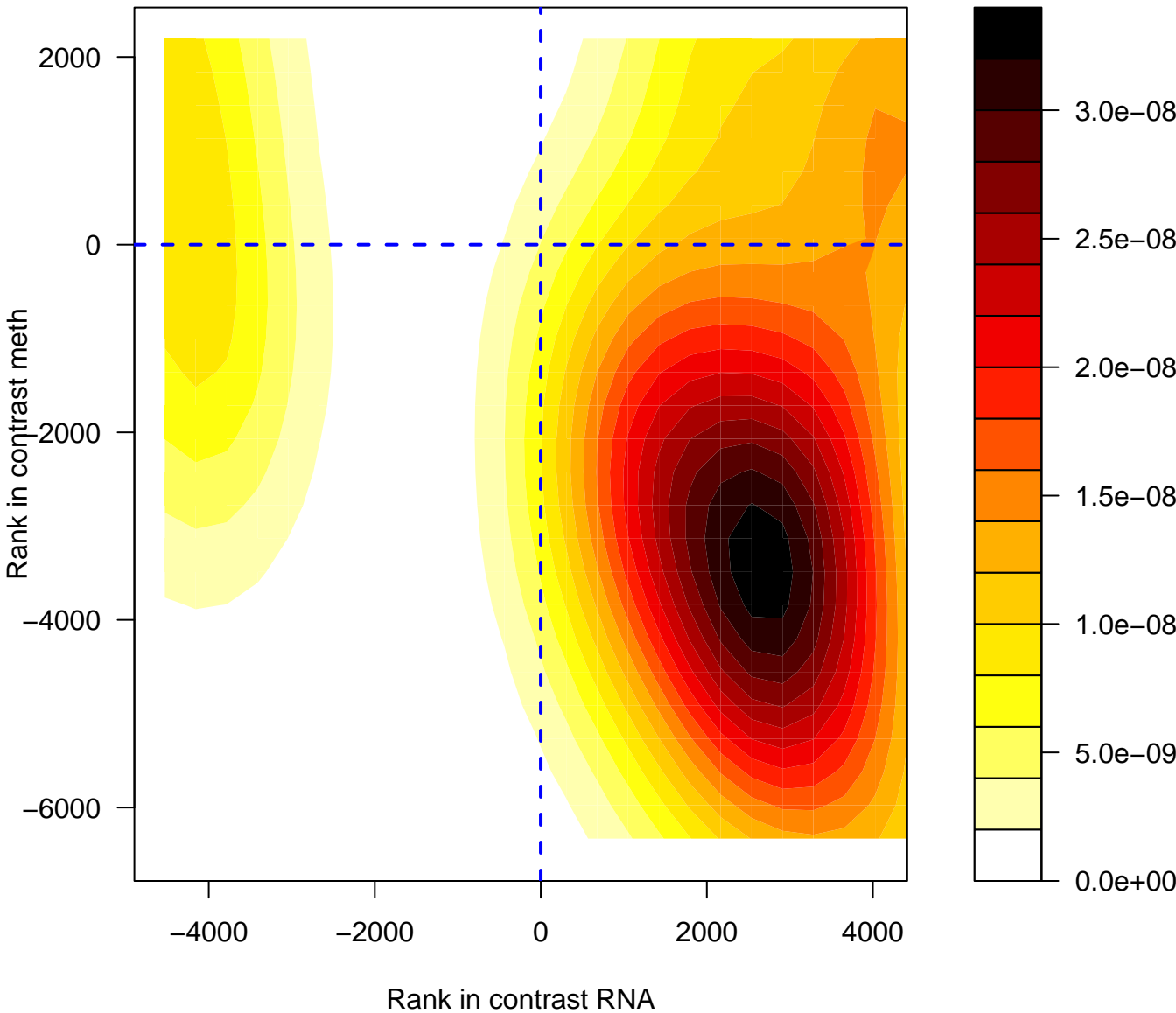
Late endosomal microautophagy



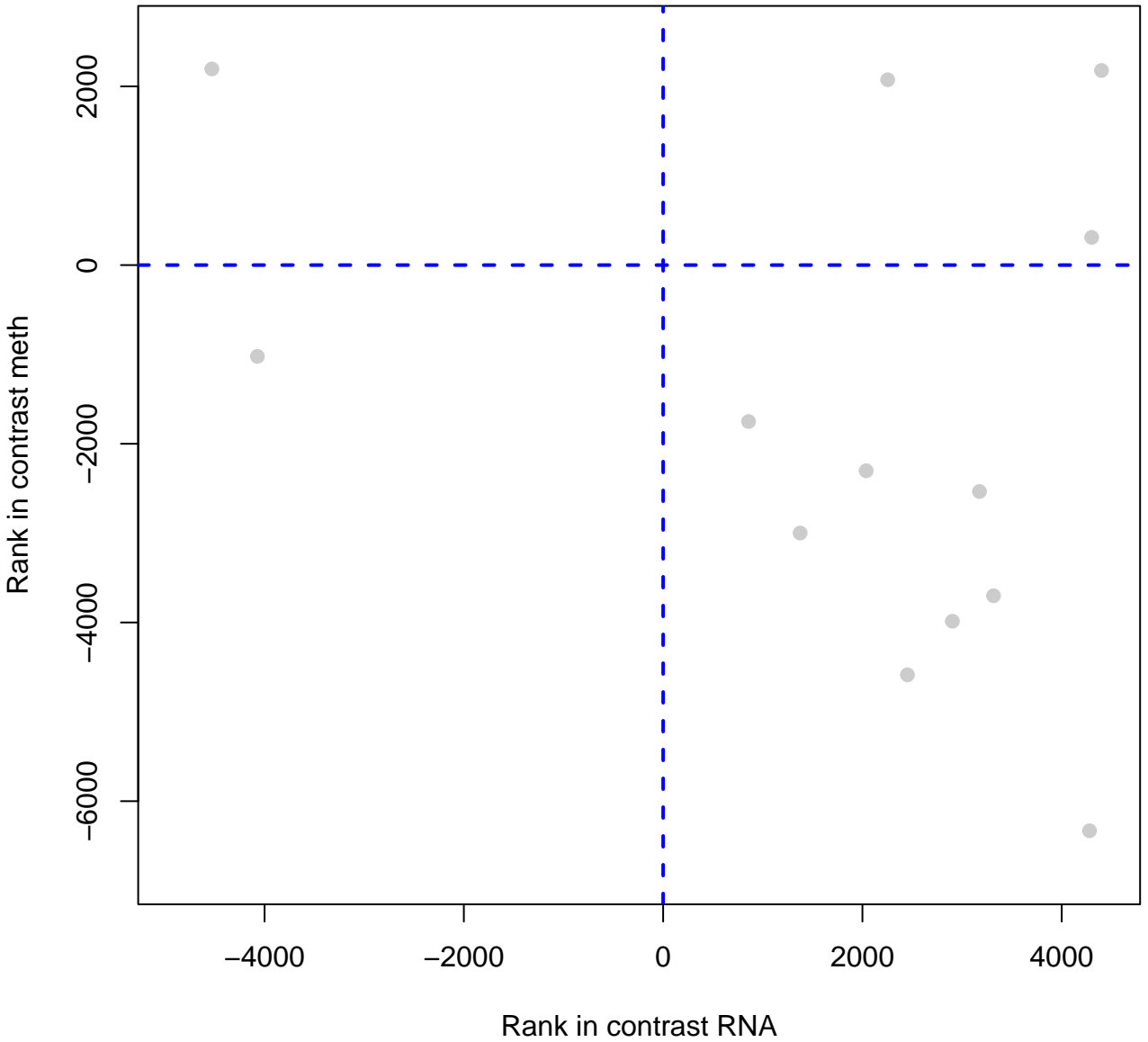
Late endosomal microautophagy



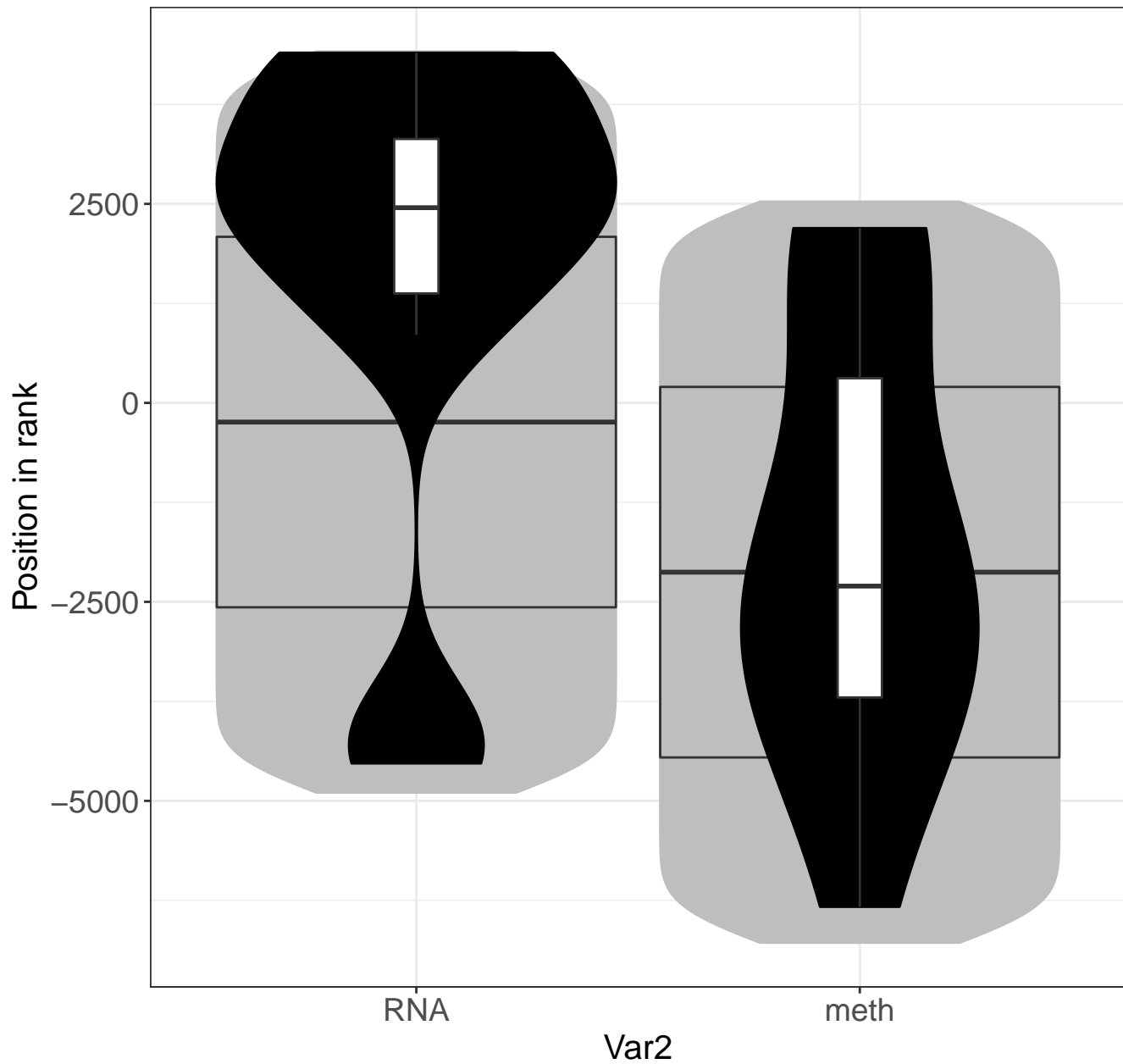
Regulation of IFNG signaling



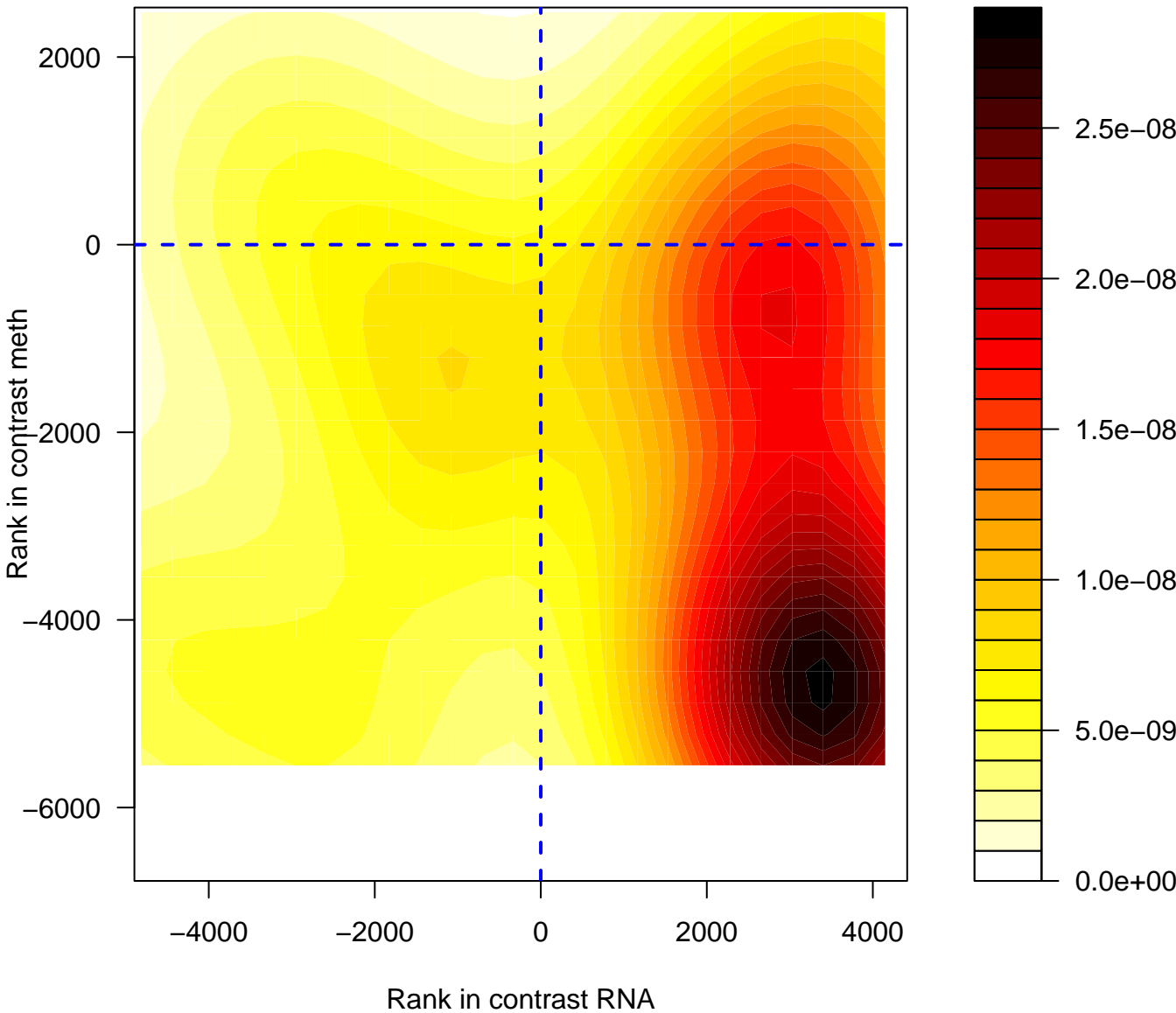
Regulation of IFNG signaling



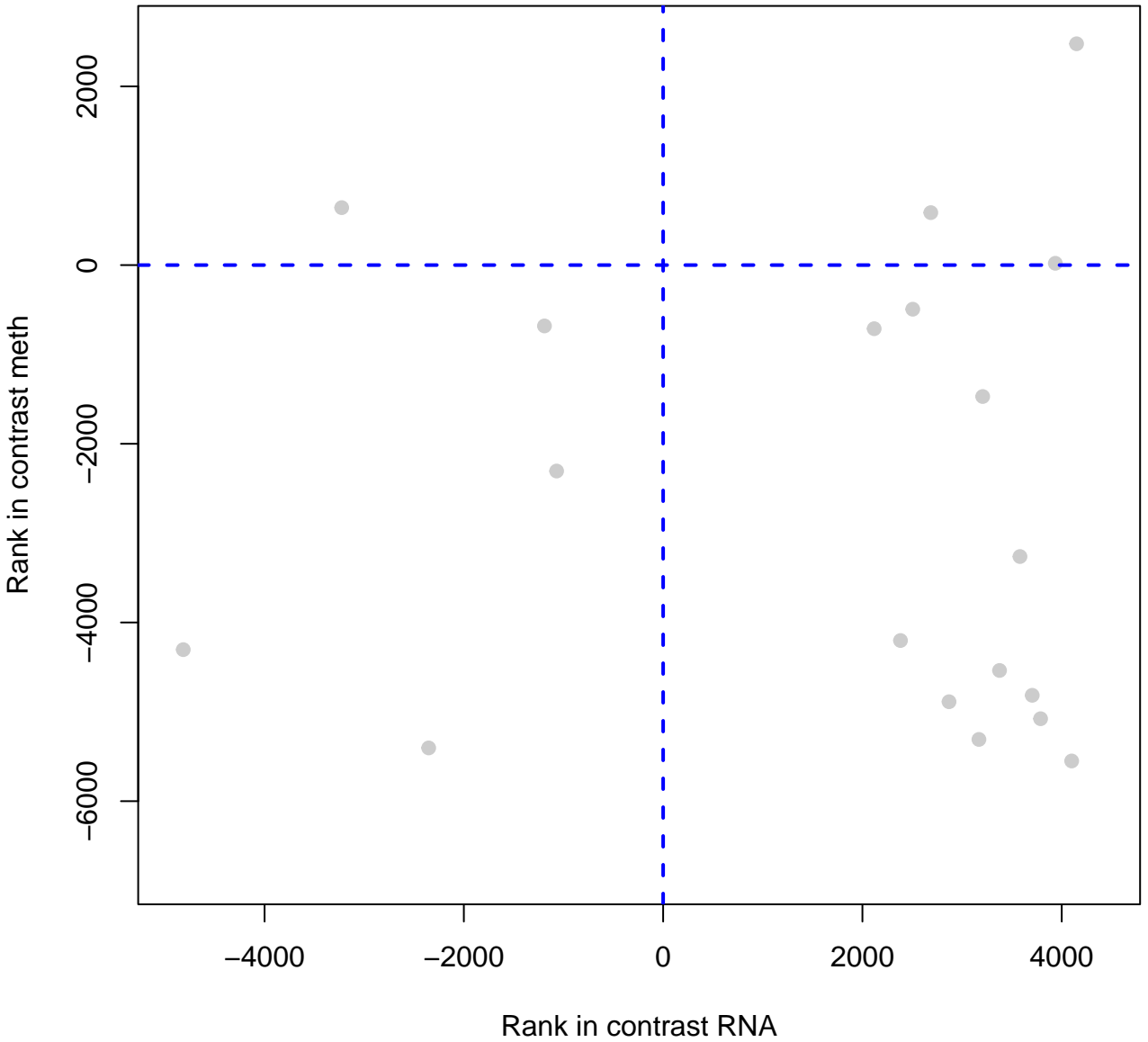
Regulation of IFNG signaling



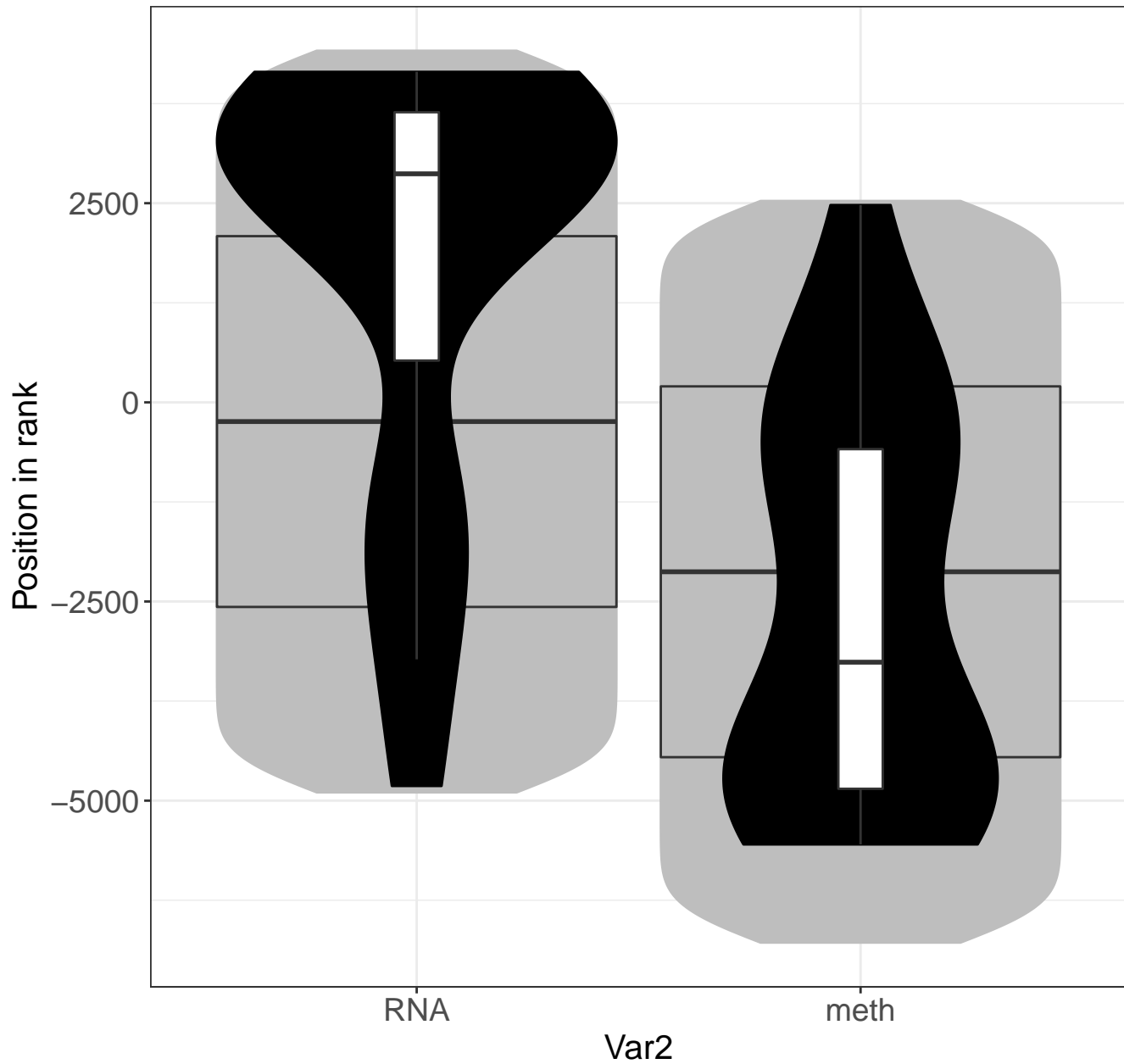
Plasma lipoprotein clearance



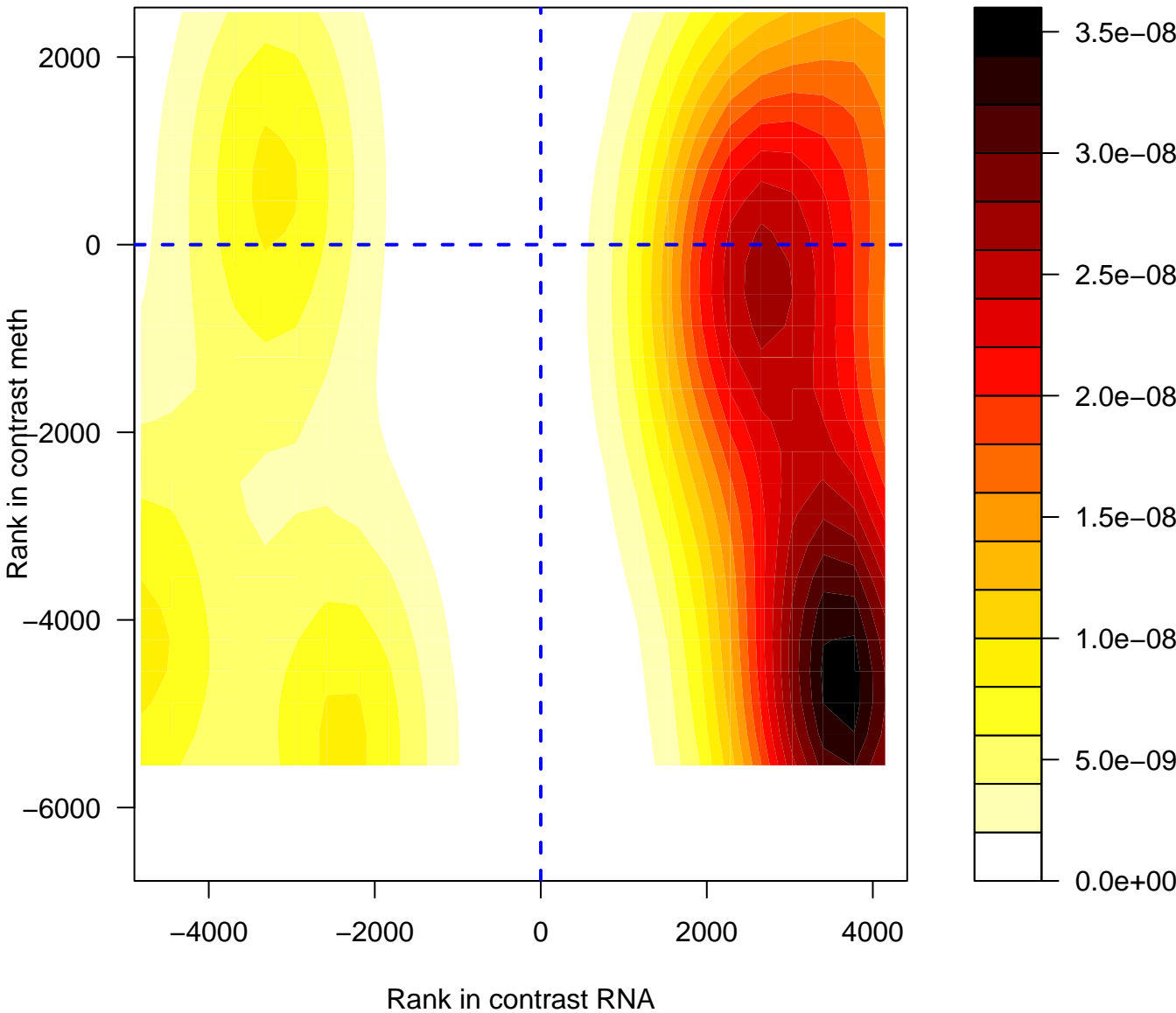
Plasma lipoprotein clearance



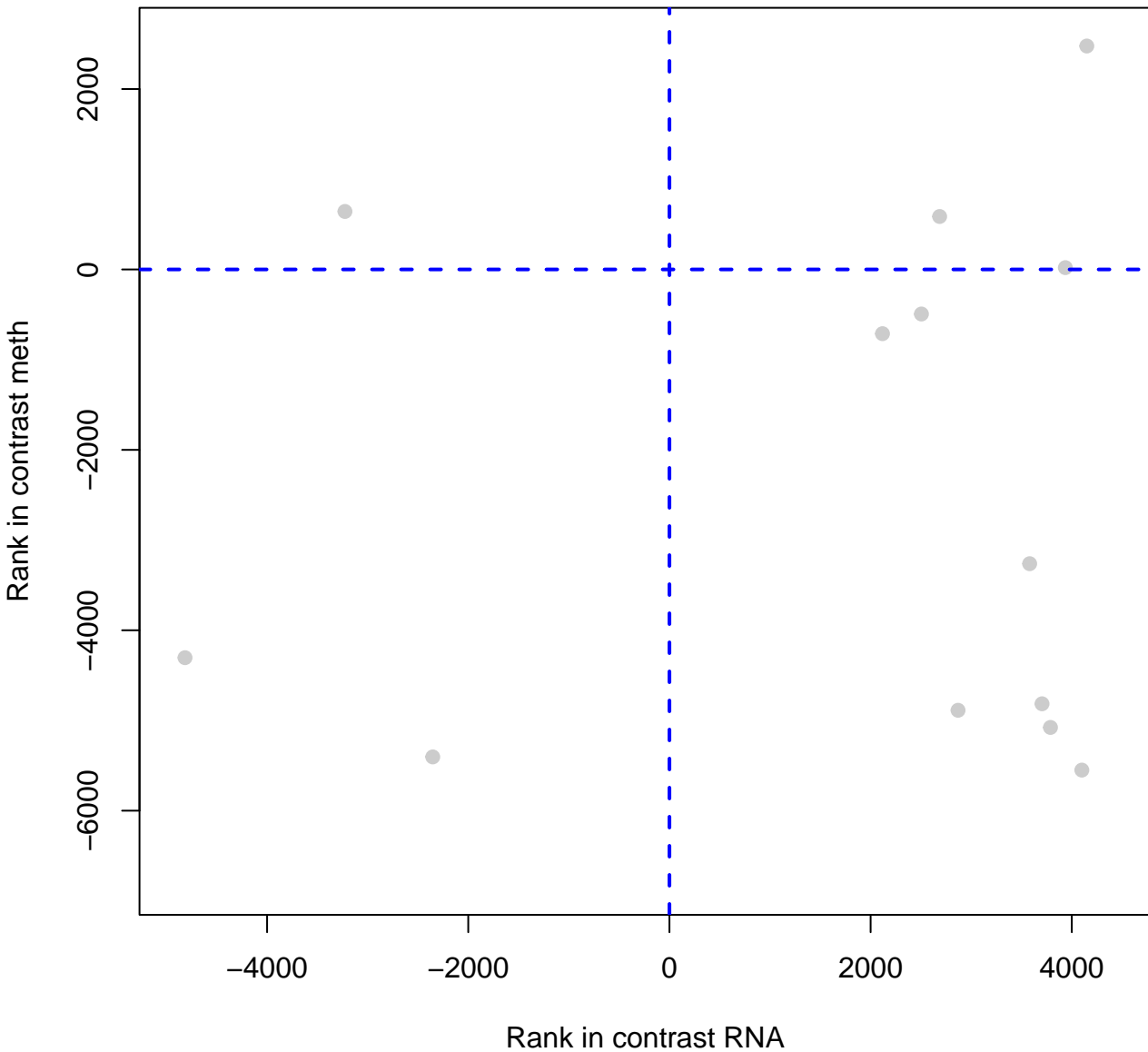
Plasma lipoprotein clearance



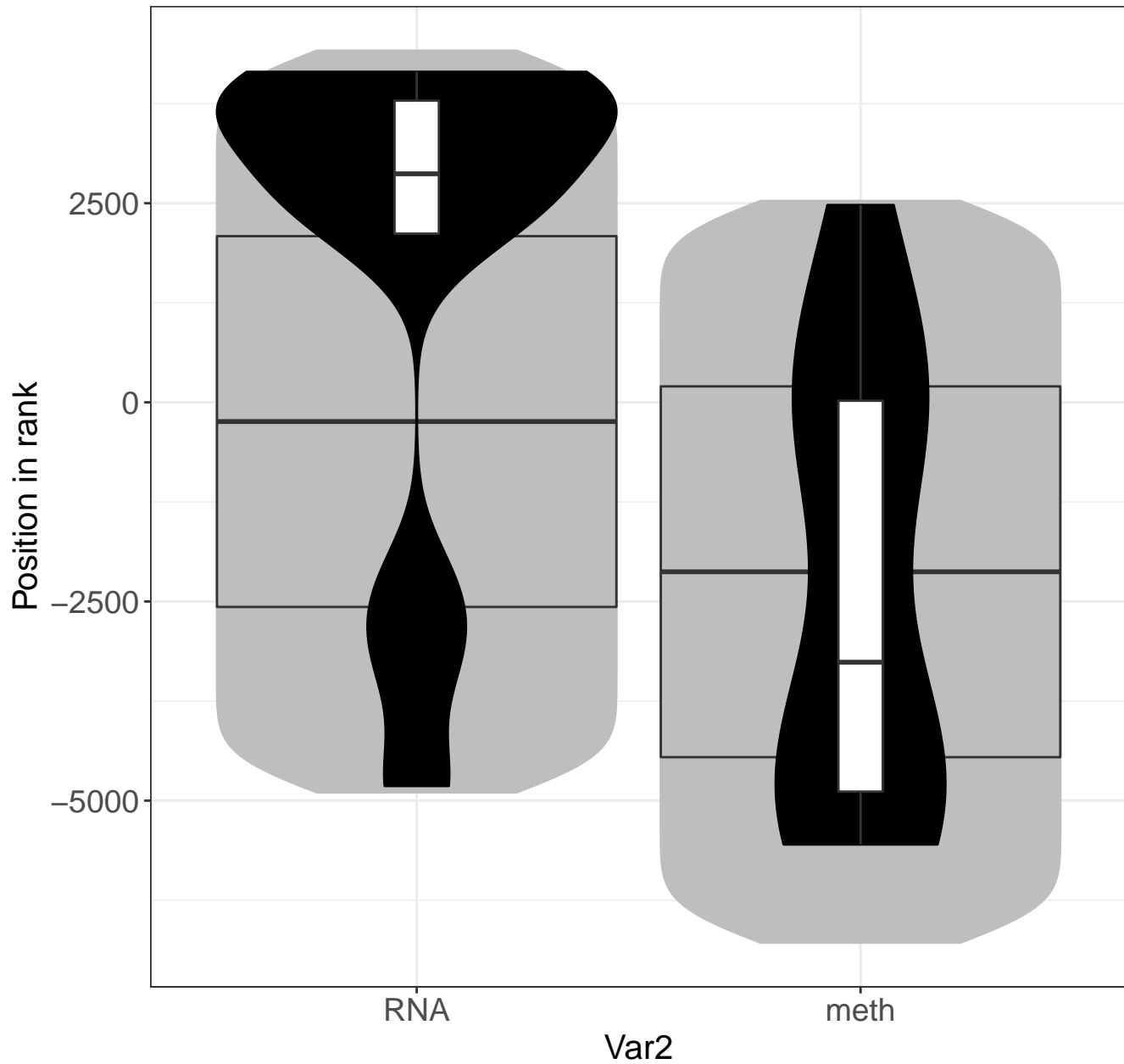
LDL clearance



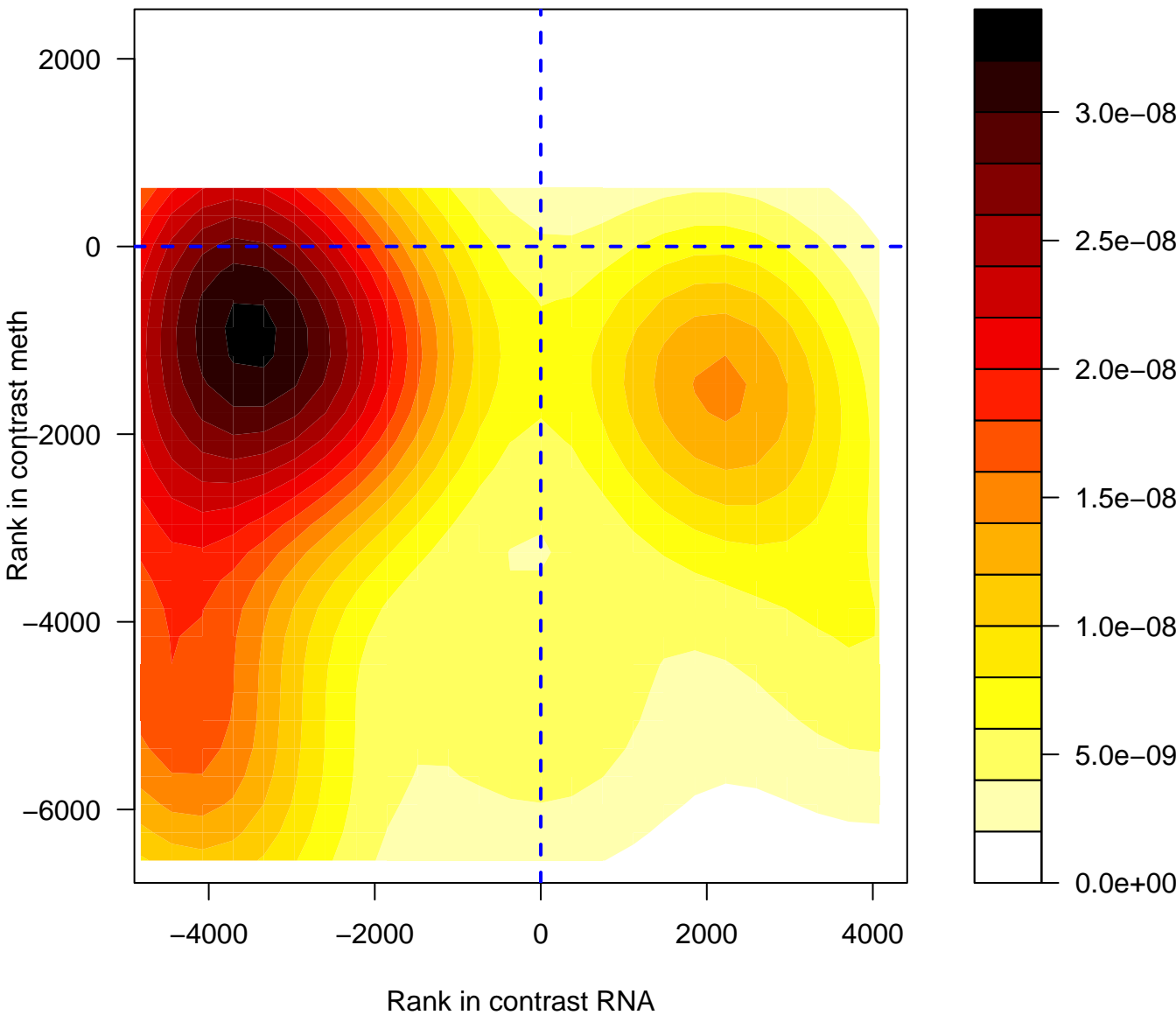
LDL clearance



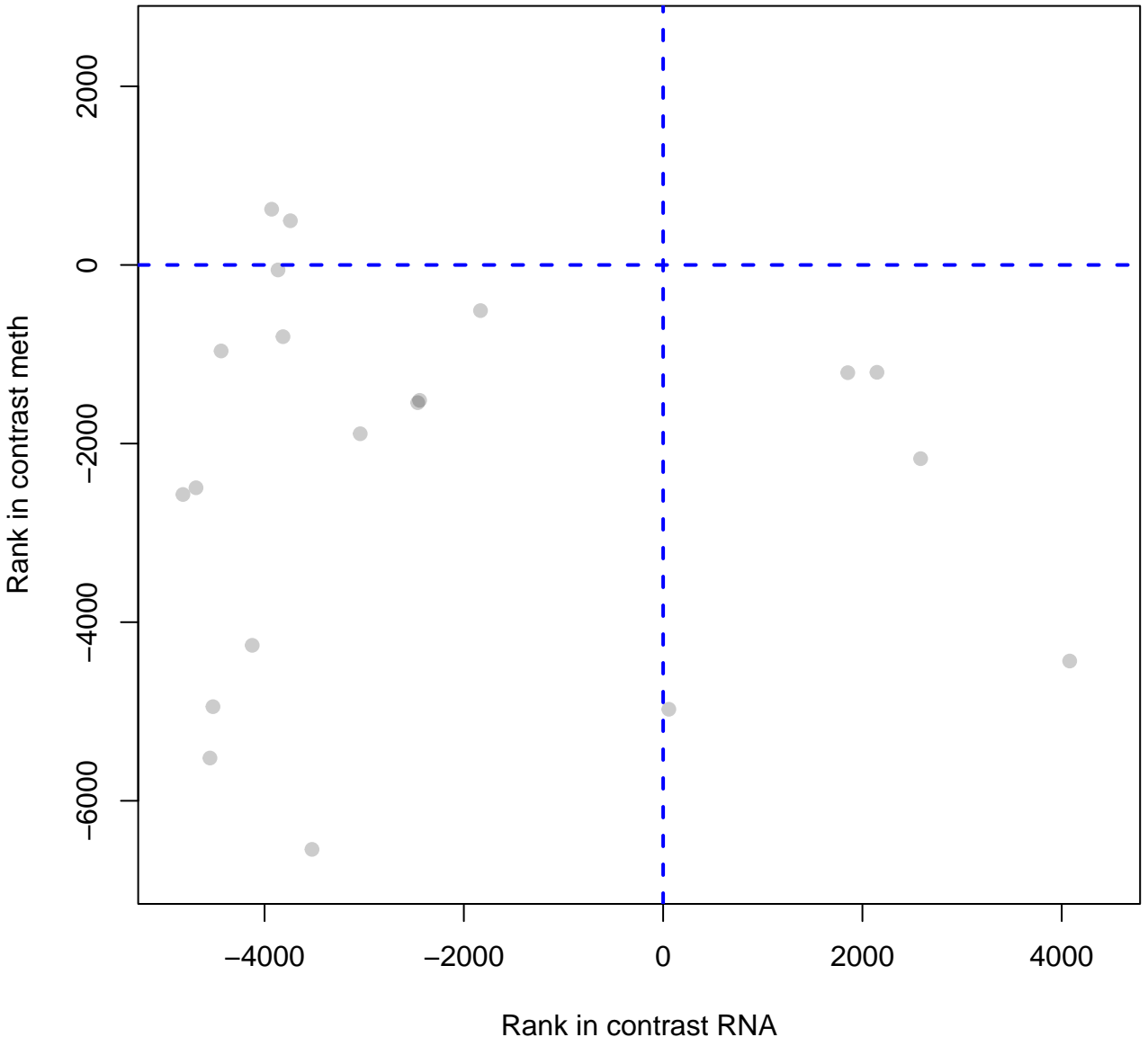
LDL clearance



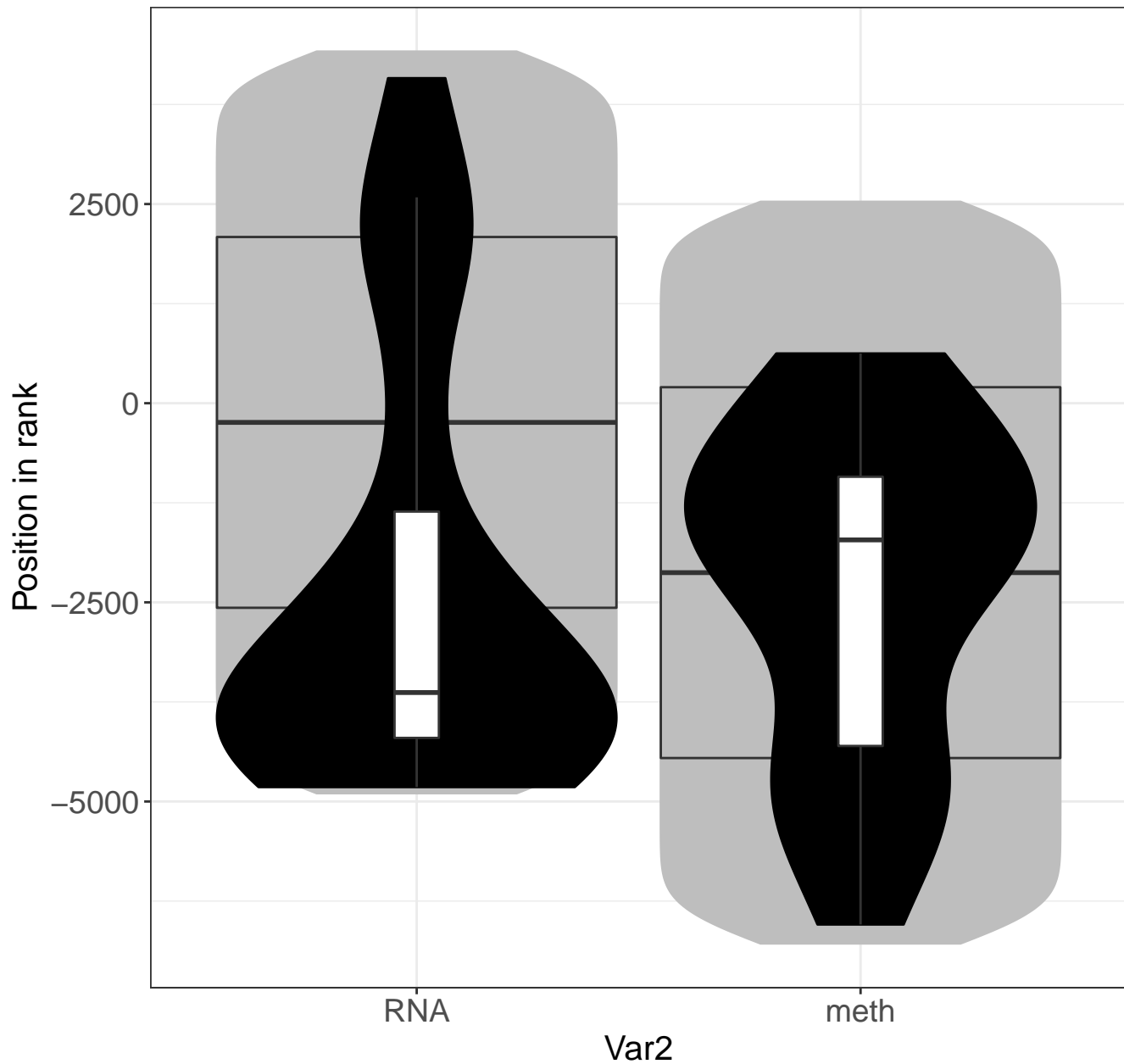
Evolution of AP sites via the multiple-nucleotide patch replacement



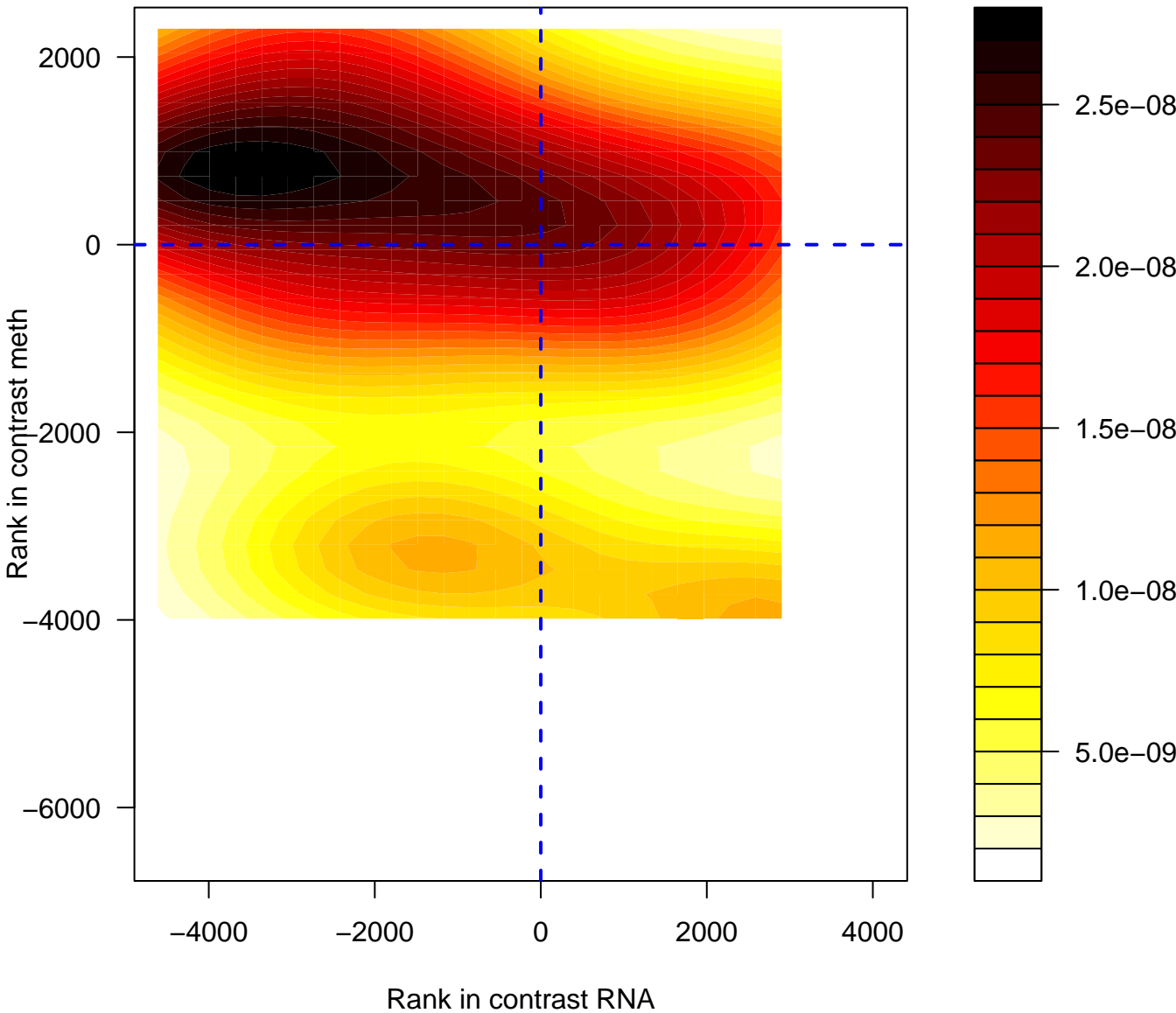
Resolution of AP sites via the multiple-nucleotide patch replacement pathway



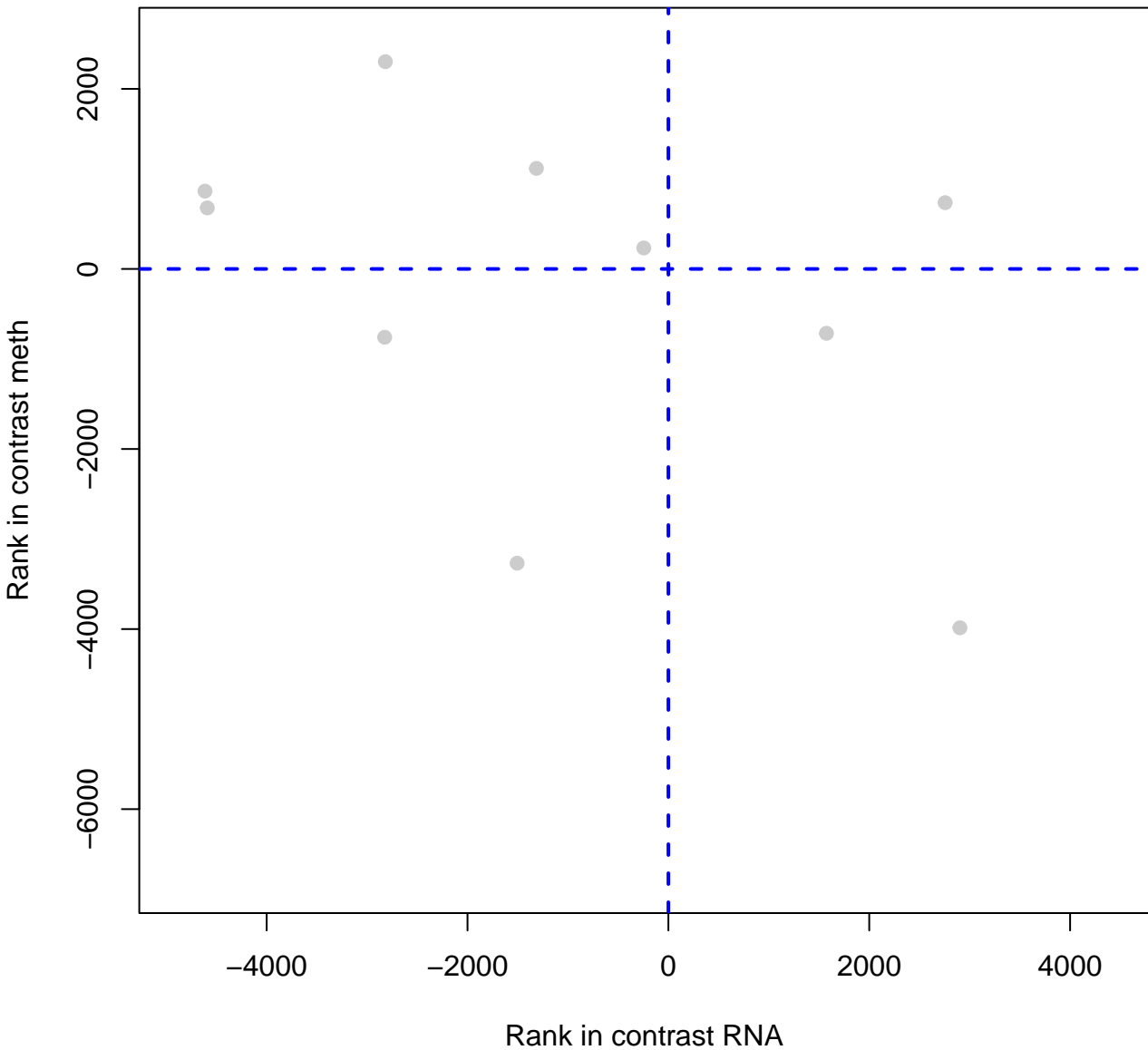
Resolution of AP sites via the multiple-nucleotide



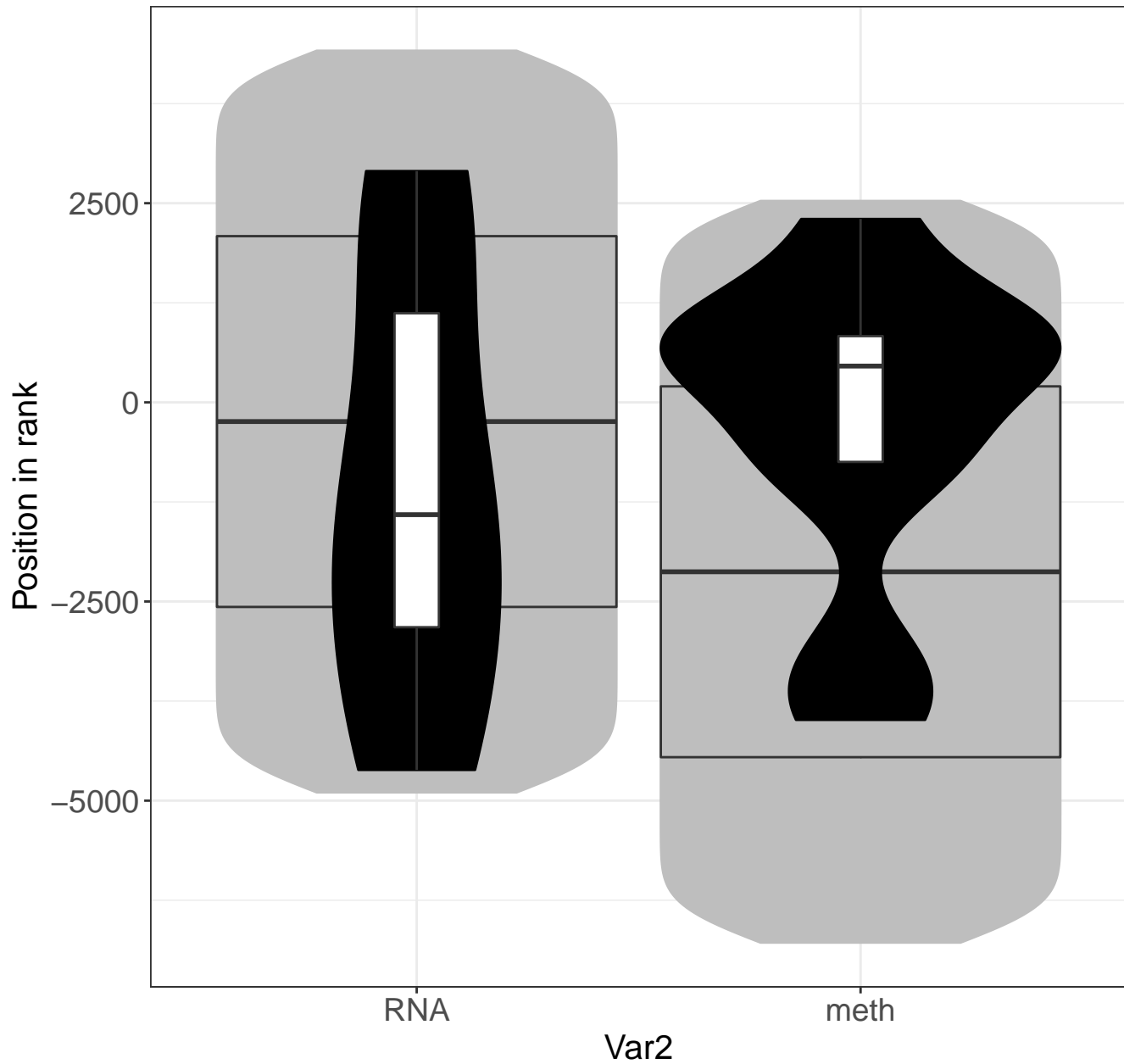
Maturation of nucleoprotein



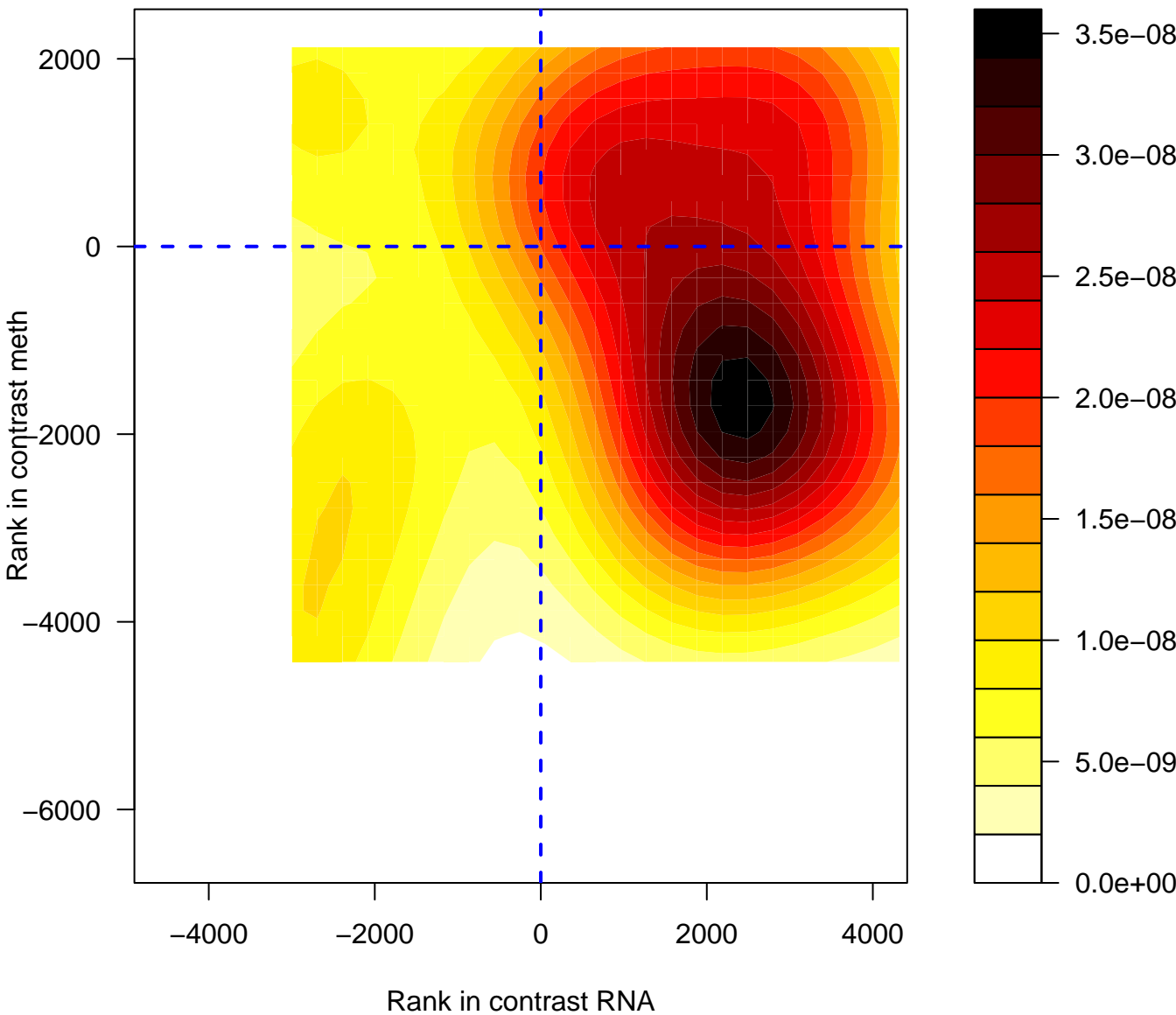
Maturation of nucleoprotein



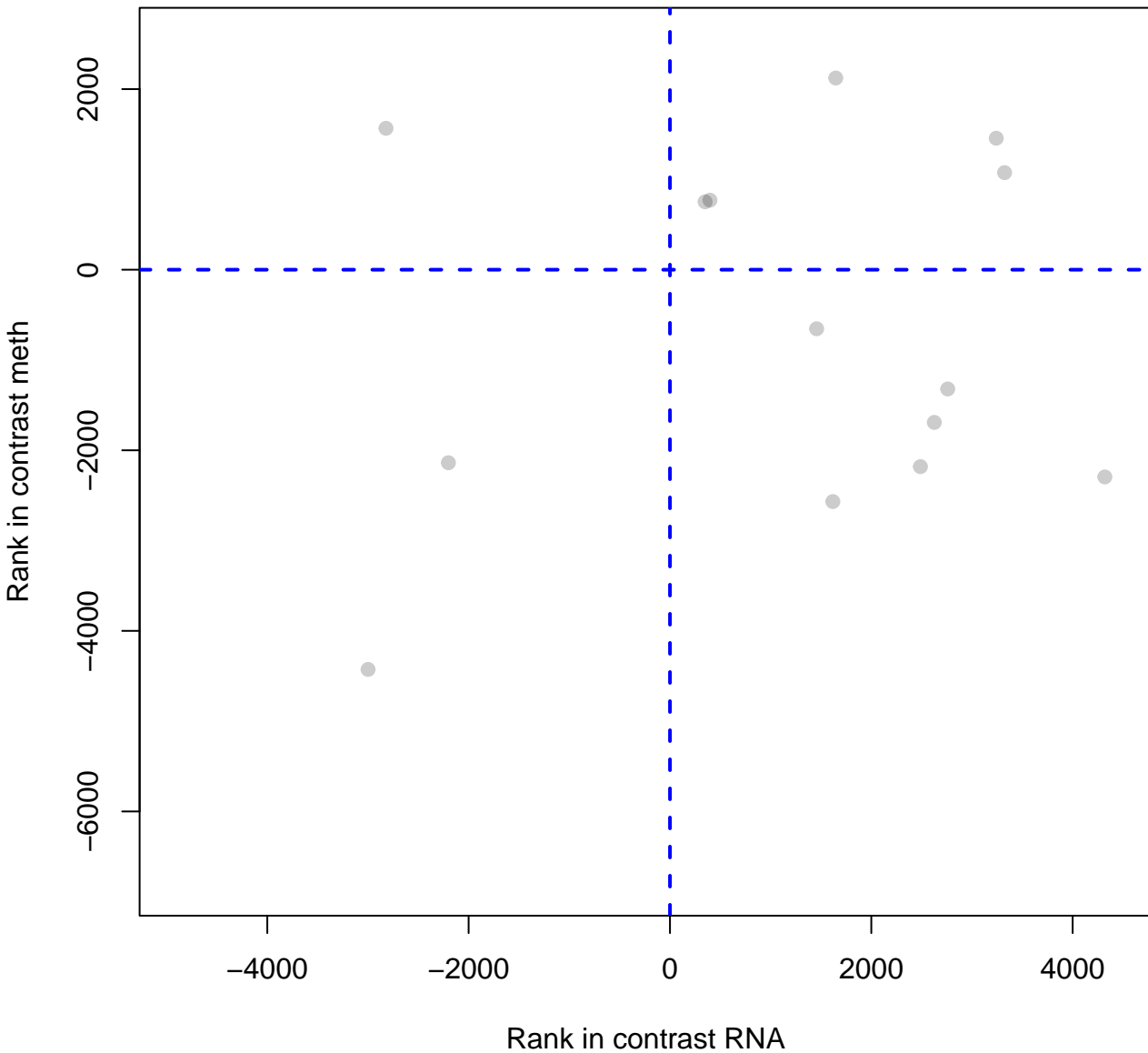
Maturation of nucleoprotein



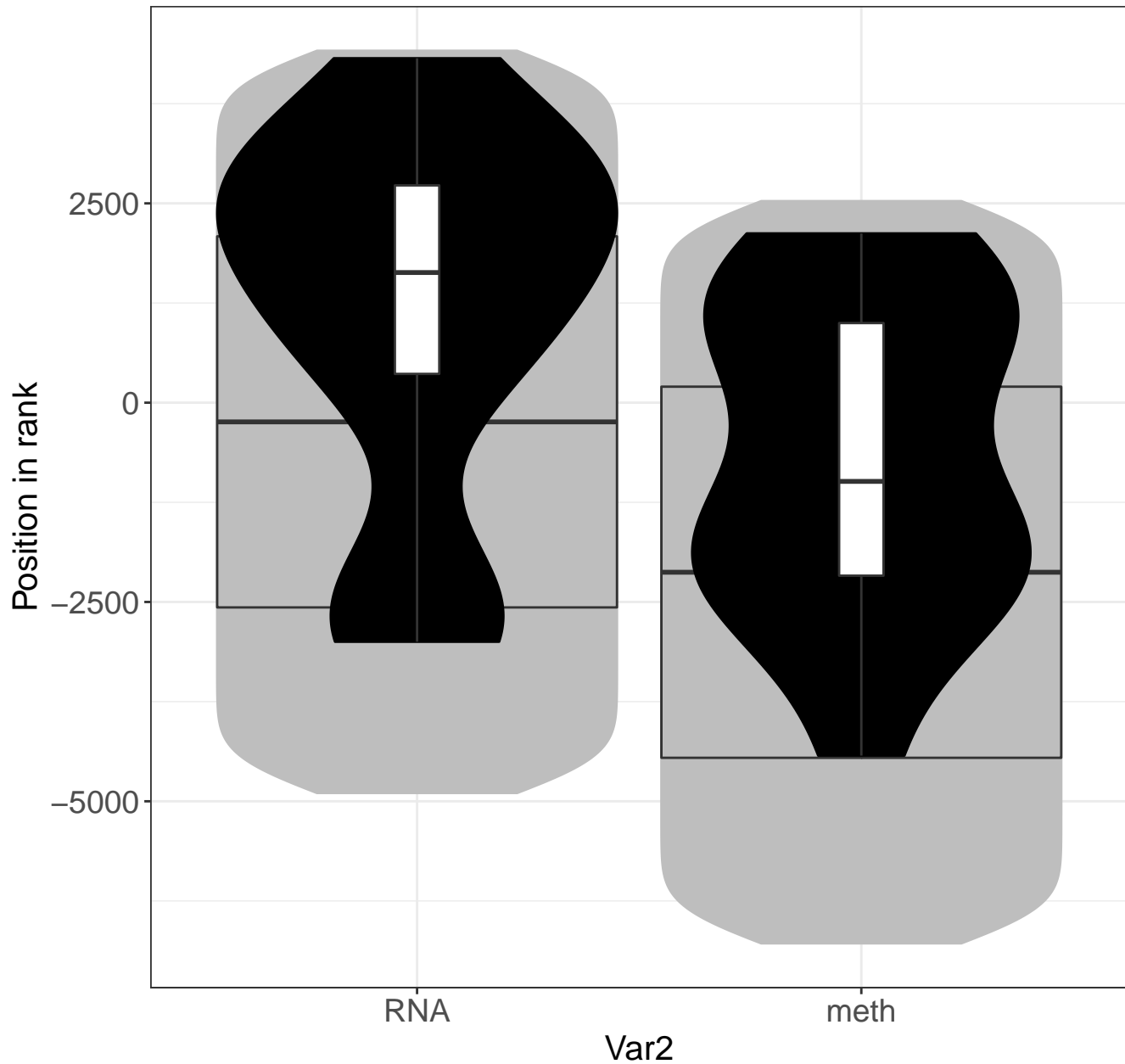
Listeria monocytogenes entry into host cells



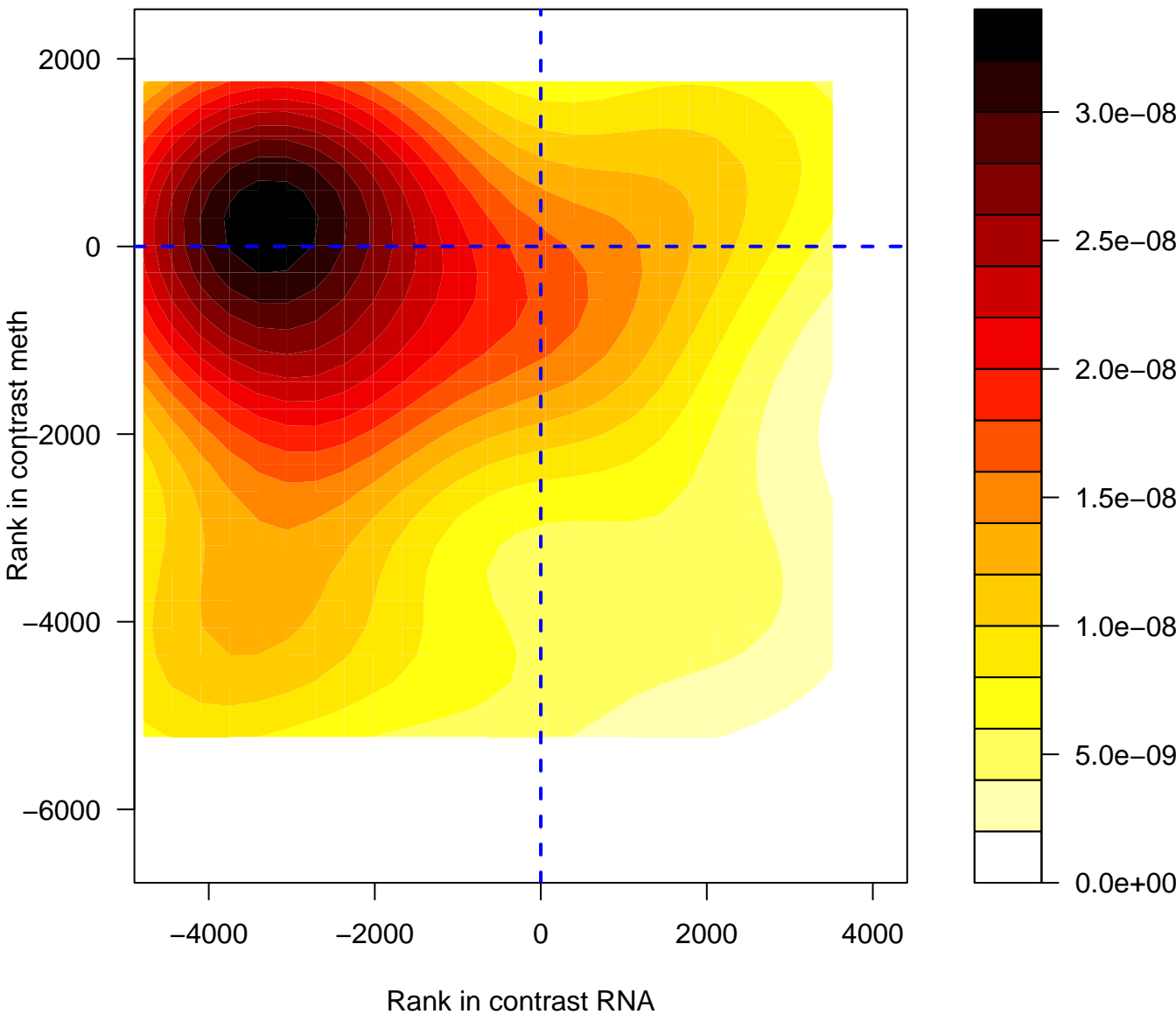
Listeria monocytogenes entry into host cells



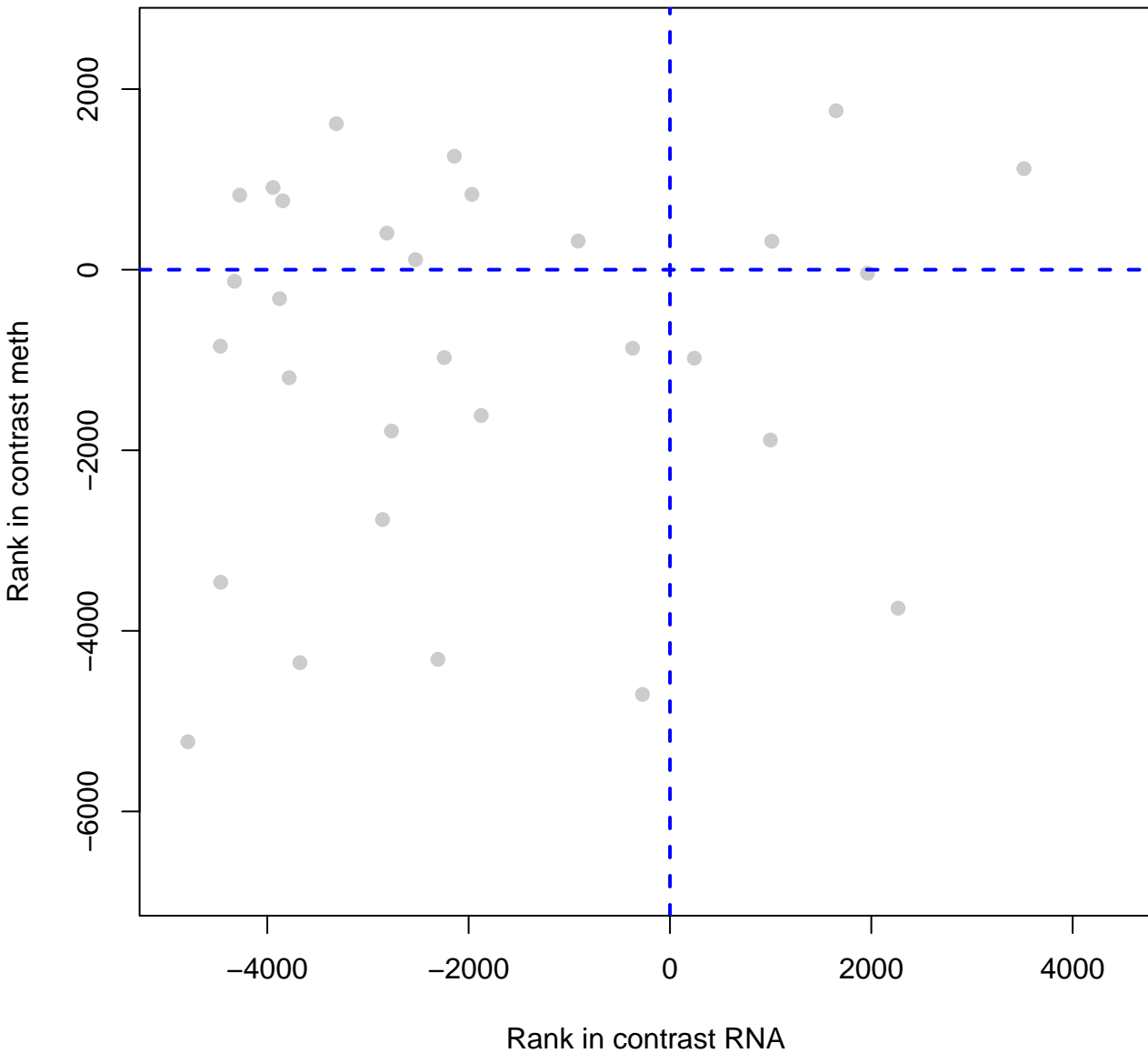
Listeria monocytogenes entry into host cells



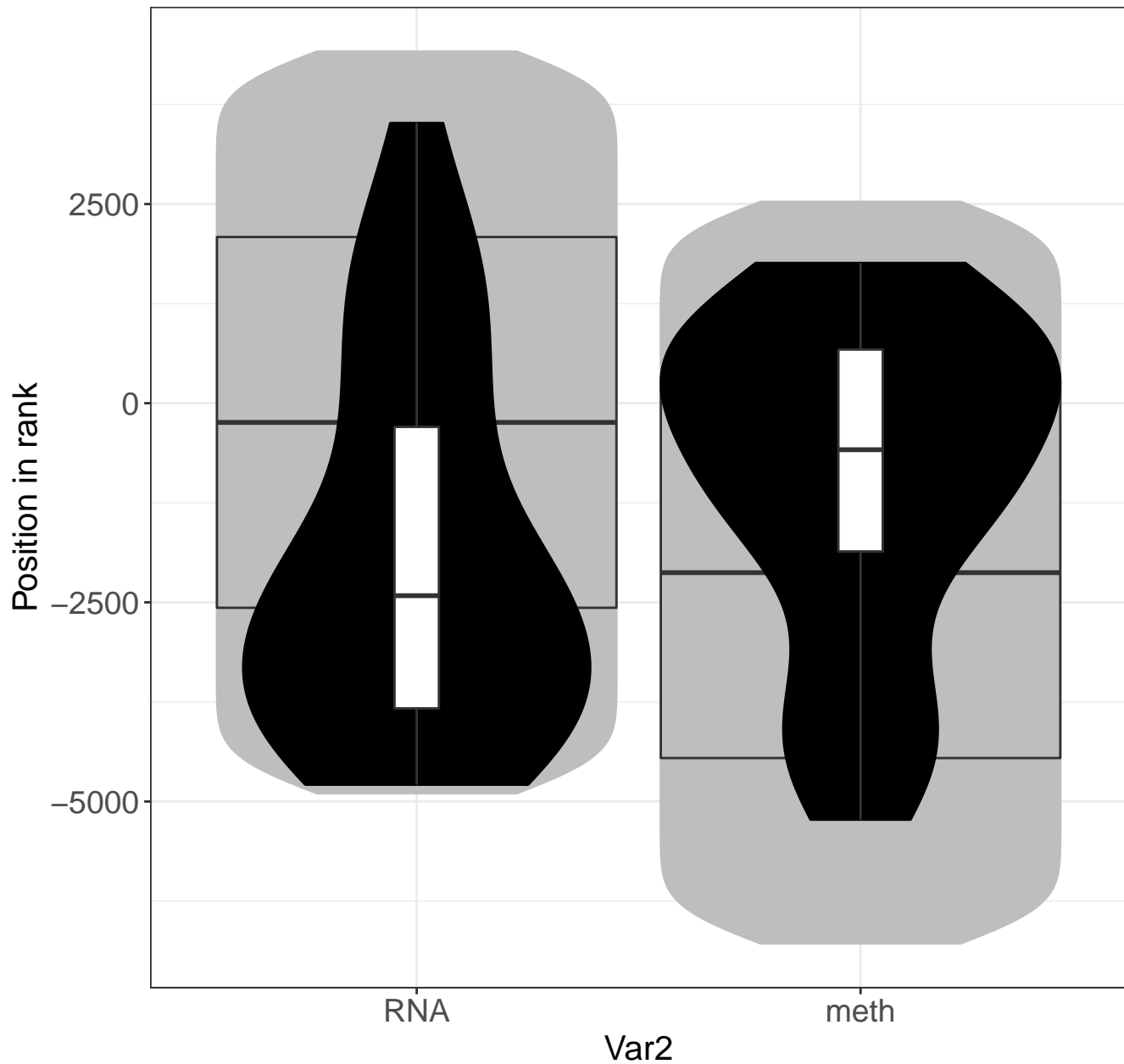
NEP/NS2 Interacts with the Cellular Export Machinery



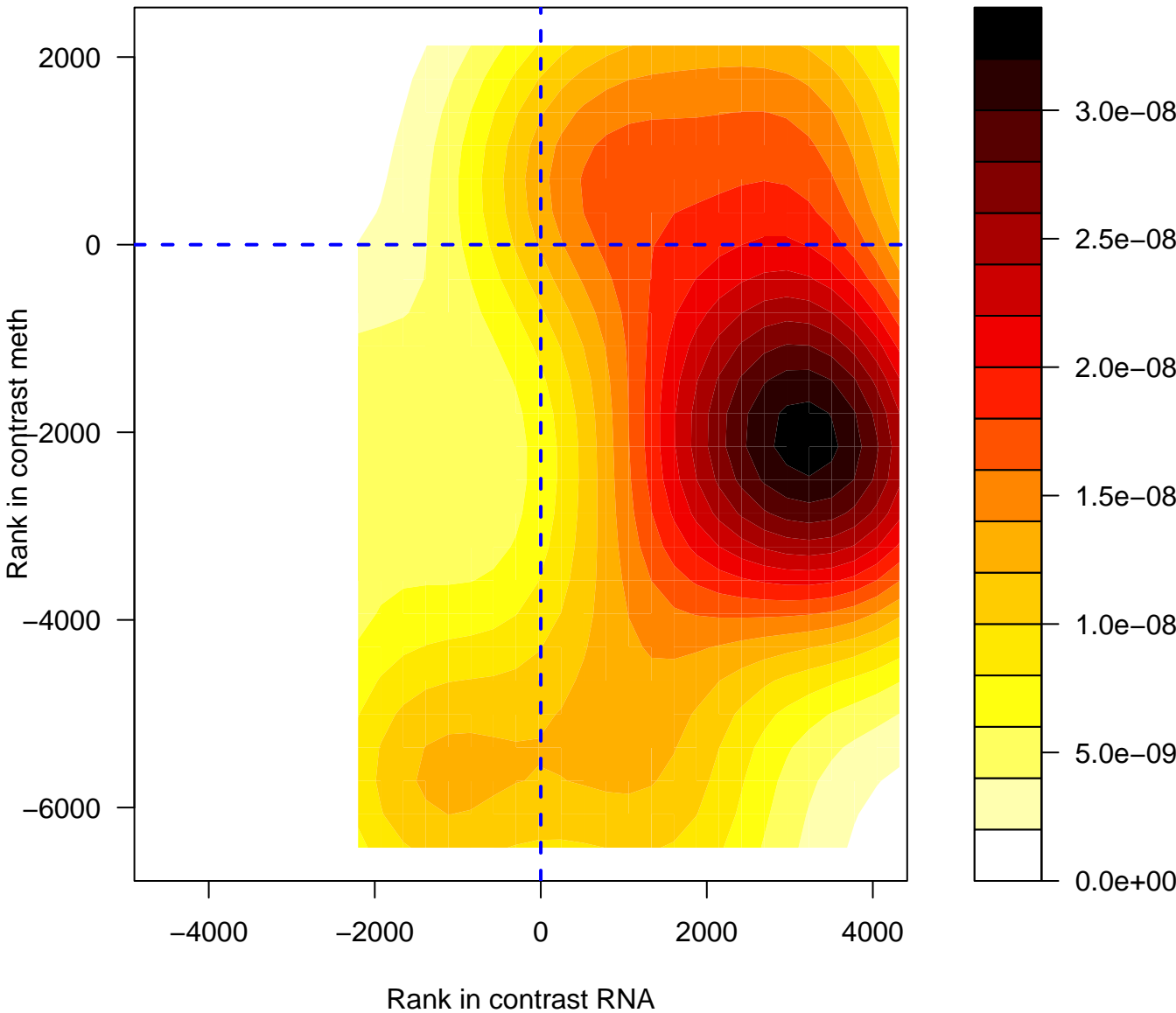
NEP/NS2 Interacts with the Cellular Export Machinery



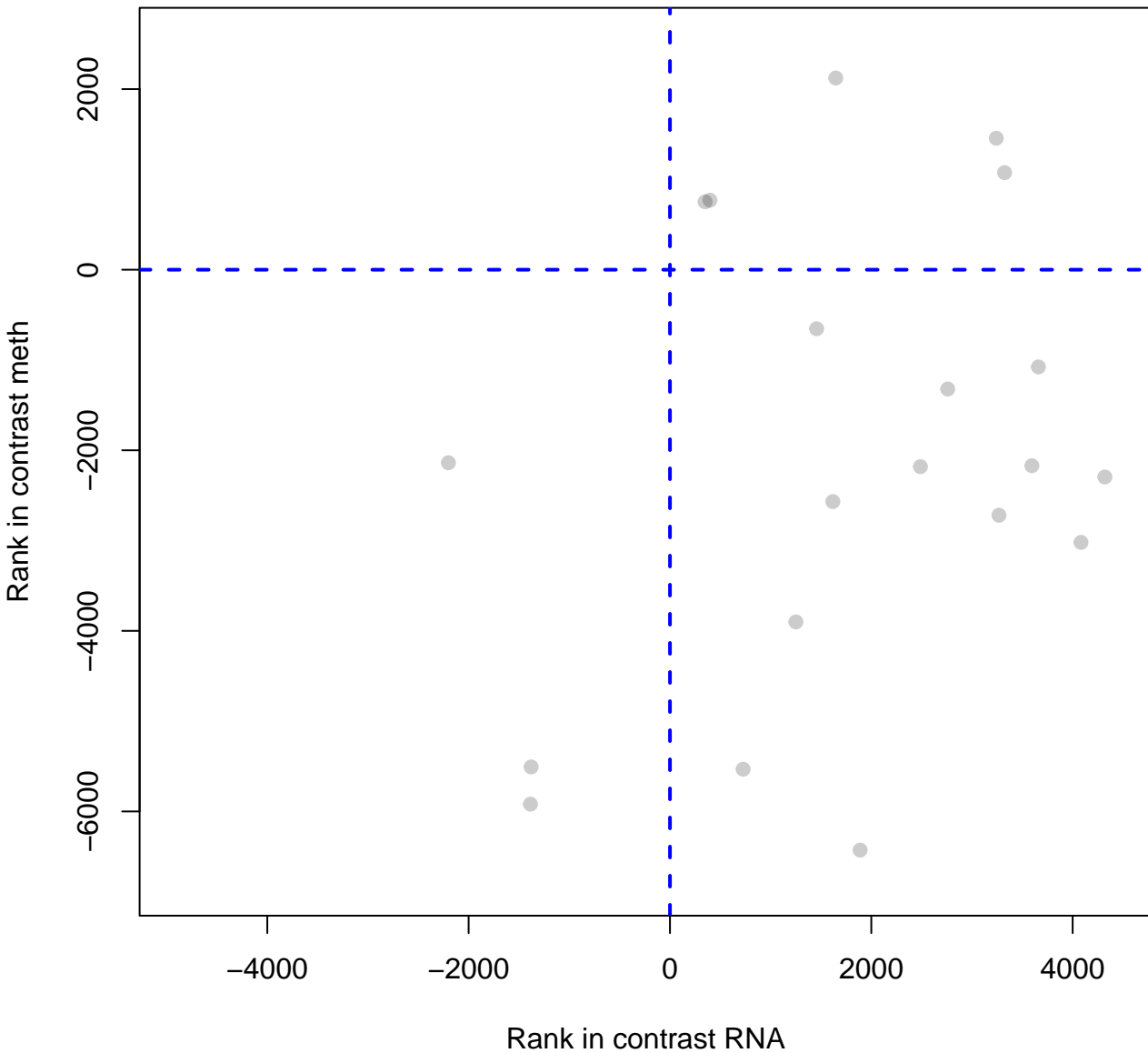
NEP/NS2 Interacts with the Cellular Export Machi



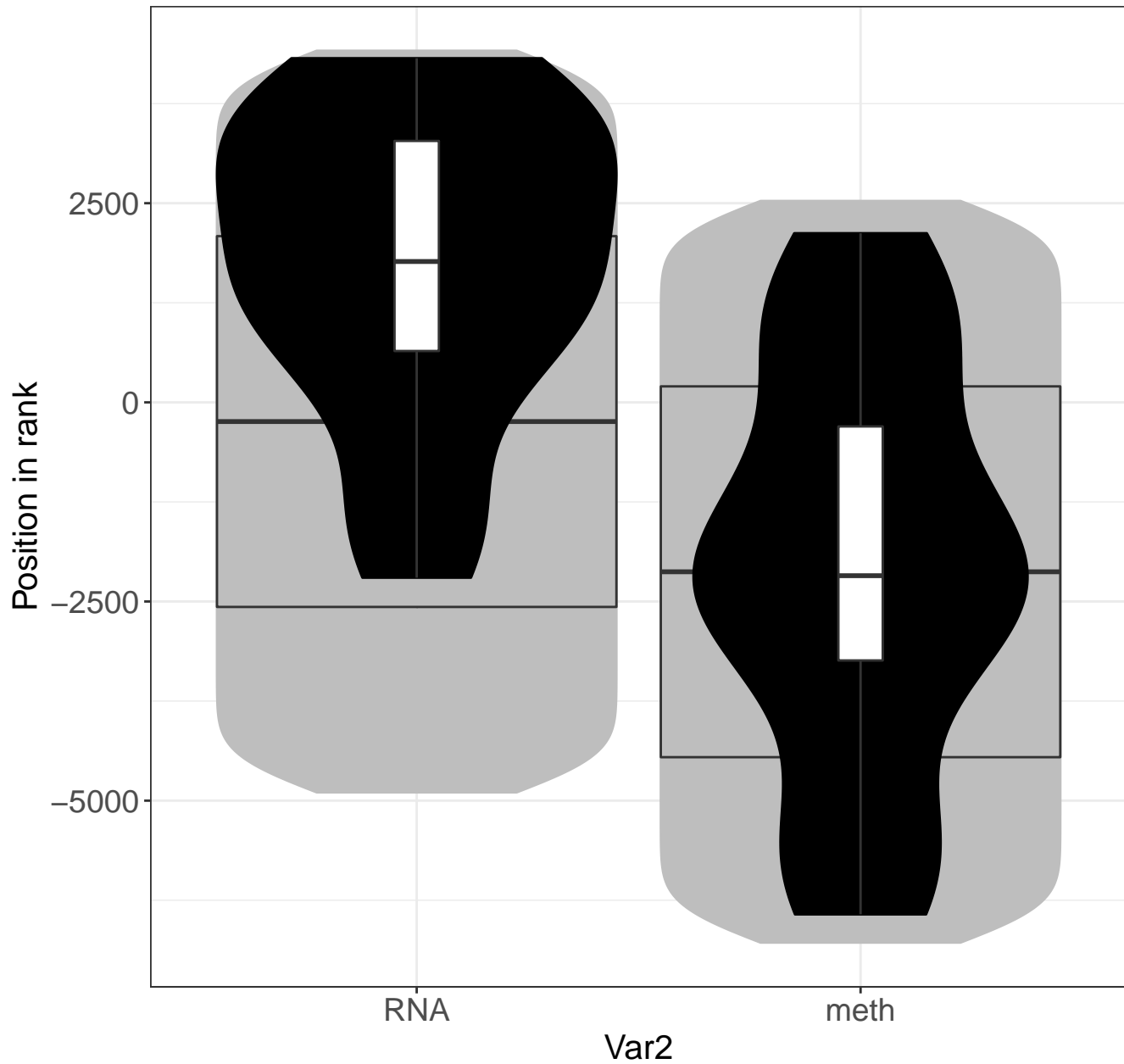
EGFR downregulation



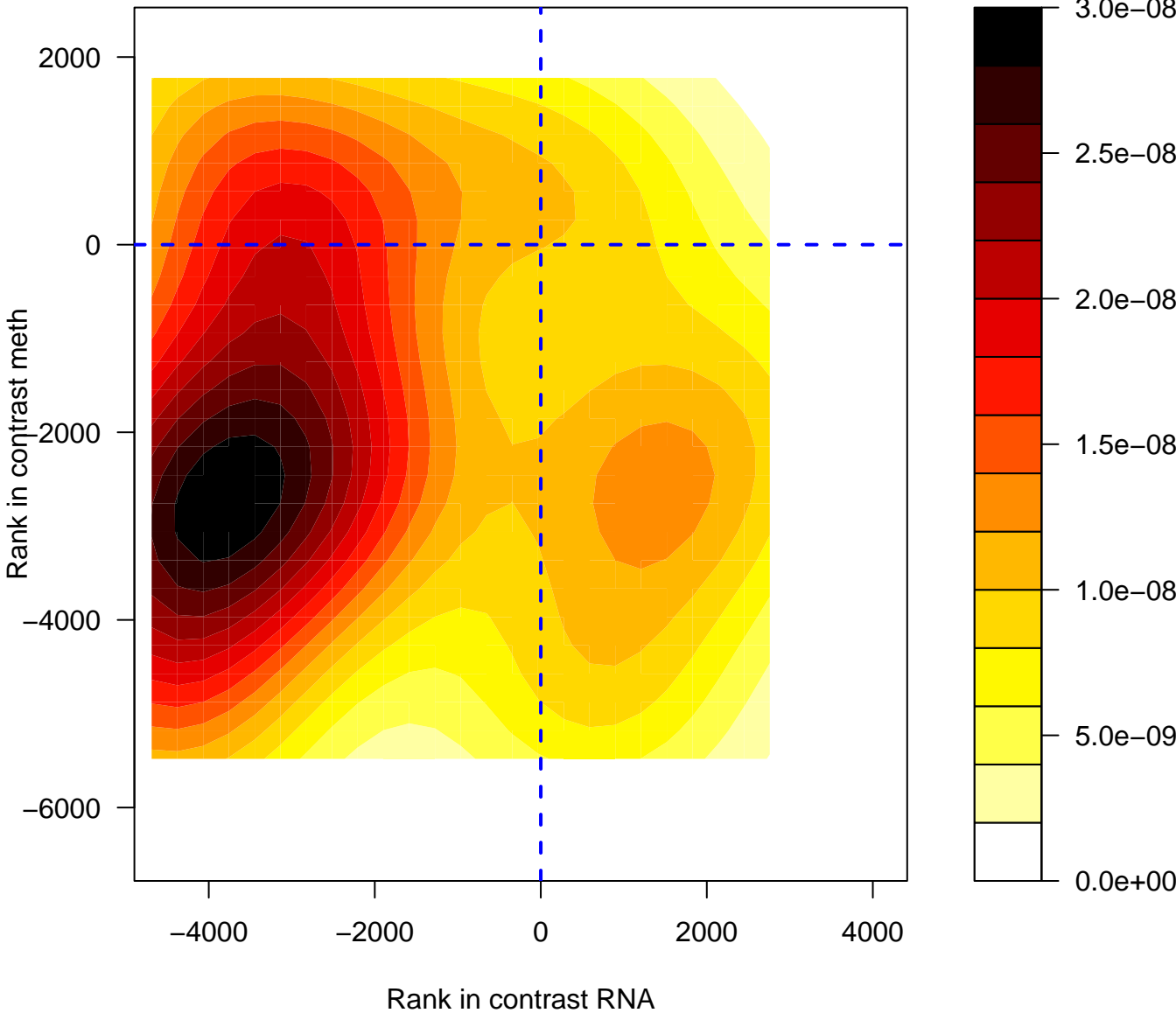
EGFR downregulation



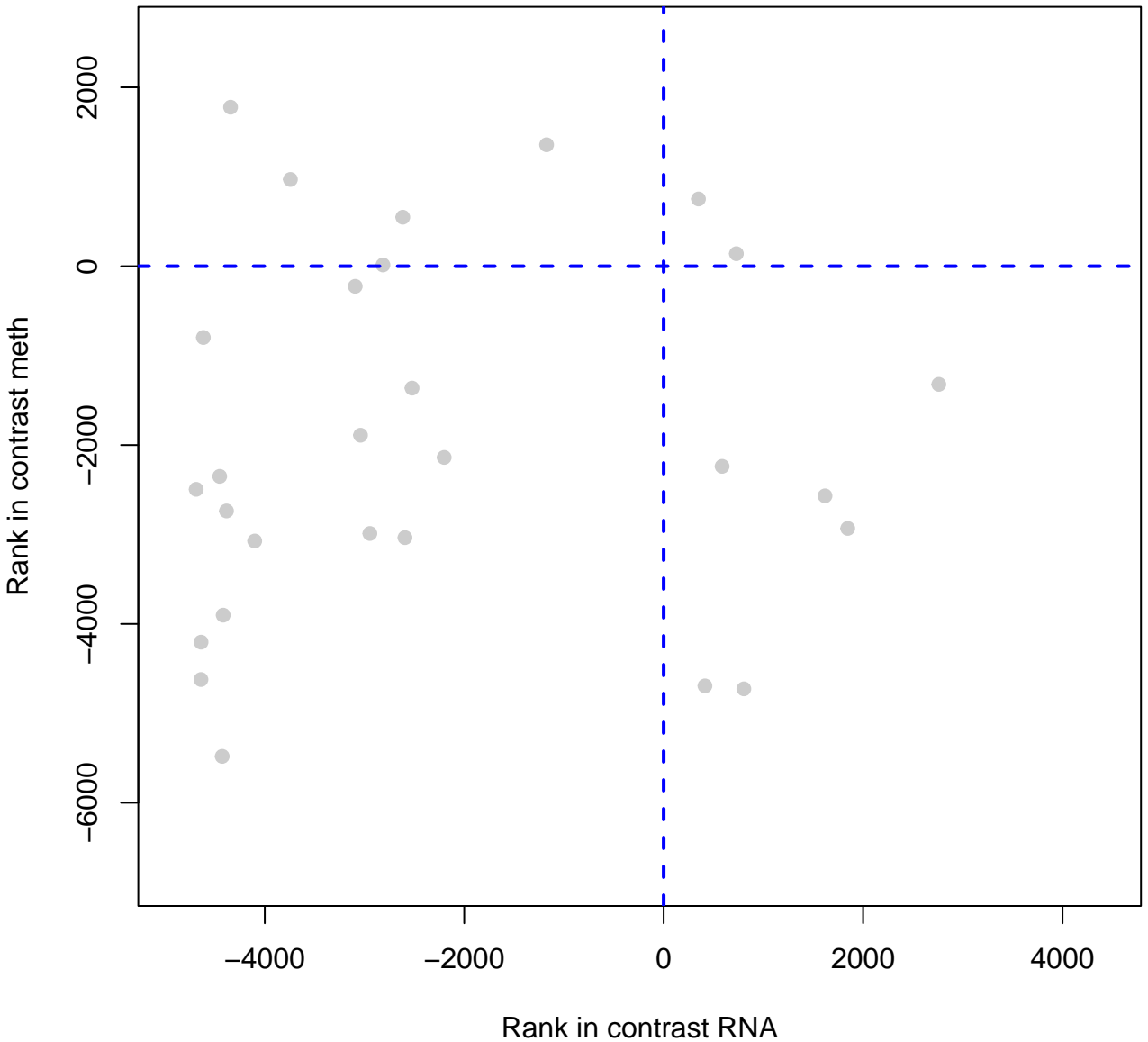
EGFR downregulation



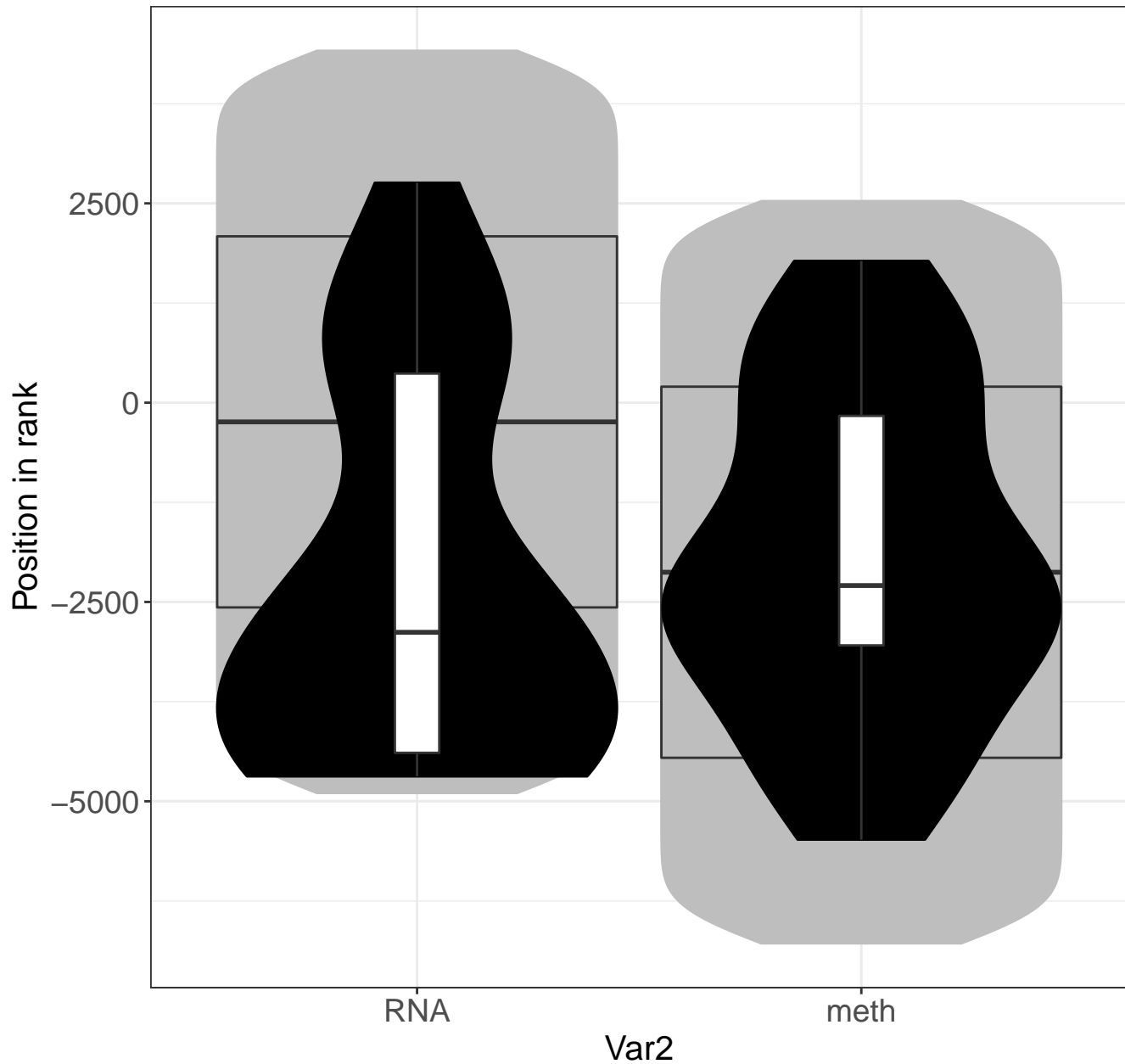
Fanconi Anemia Pathway



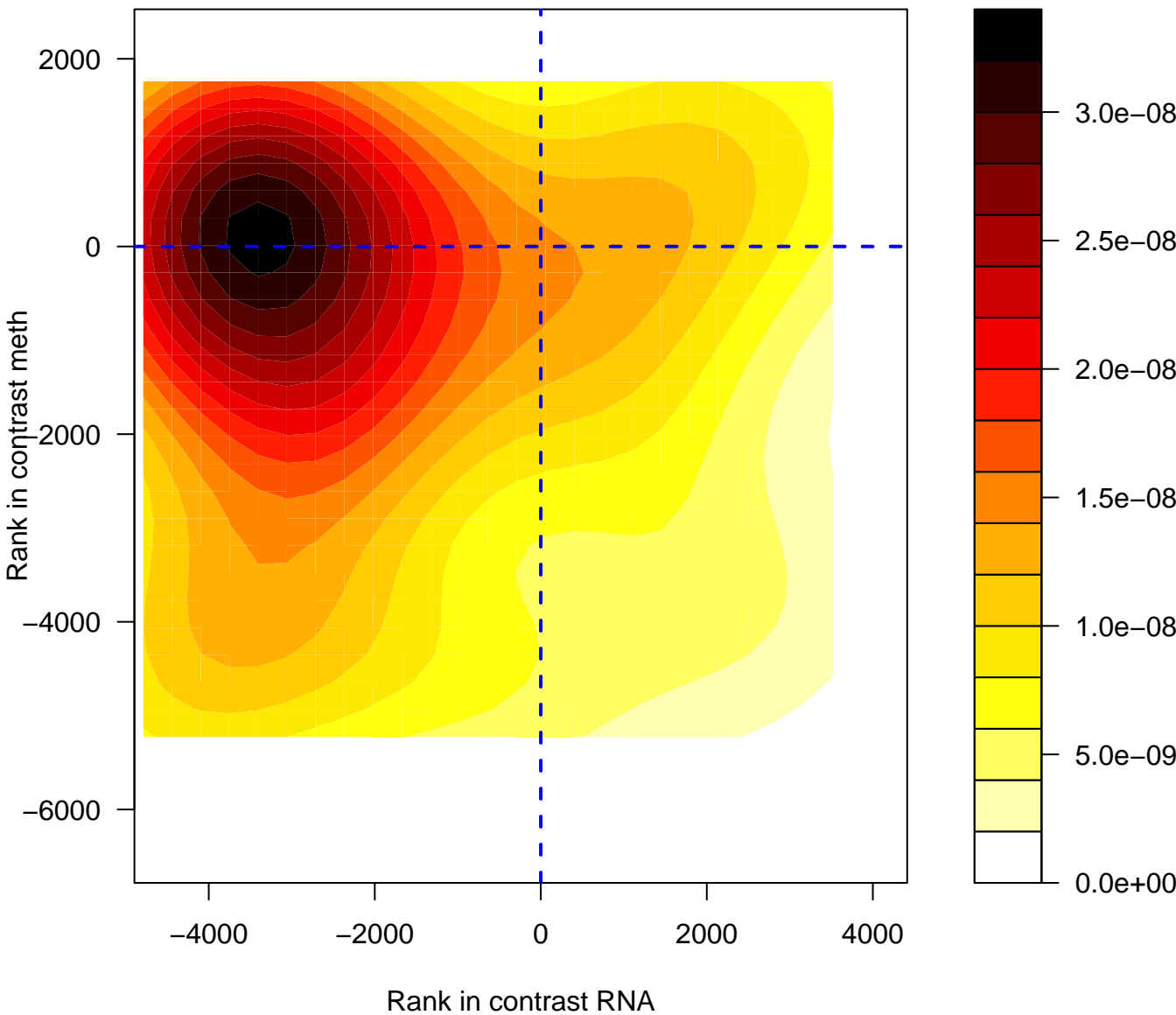
Fanconi Anemia Pathway



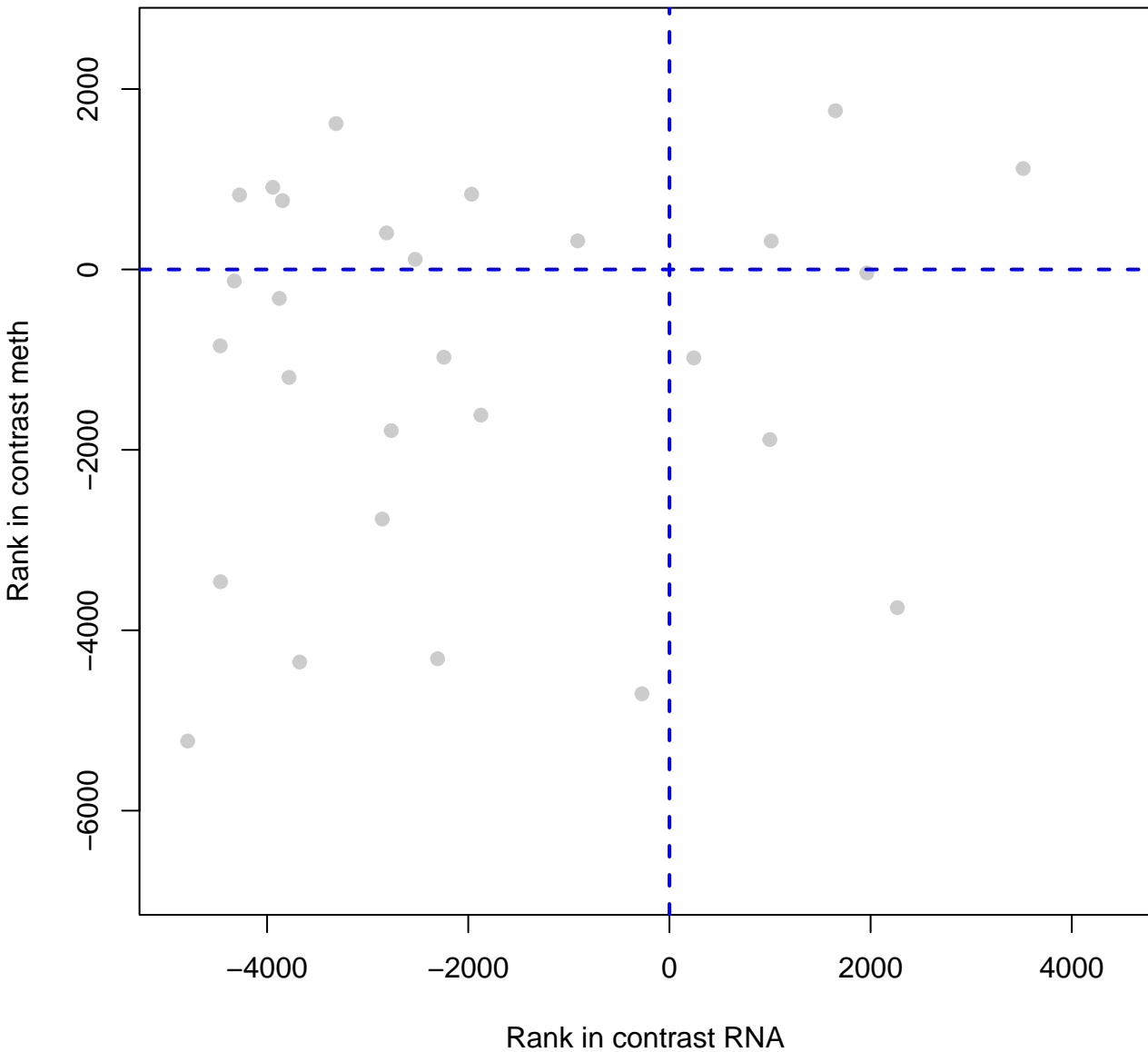
Fanconi Anemia Pathway



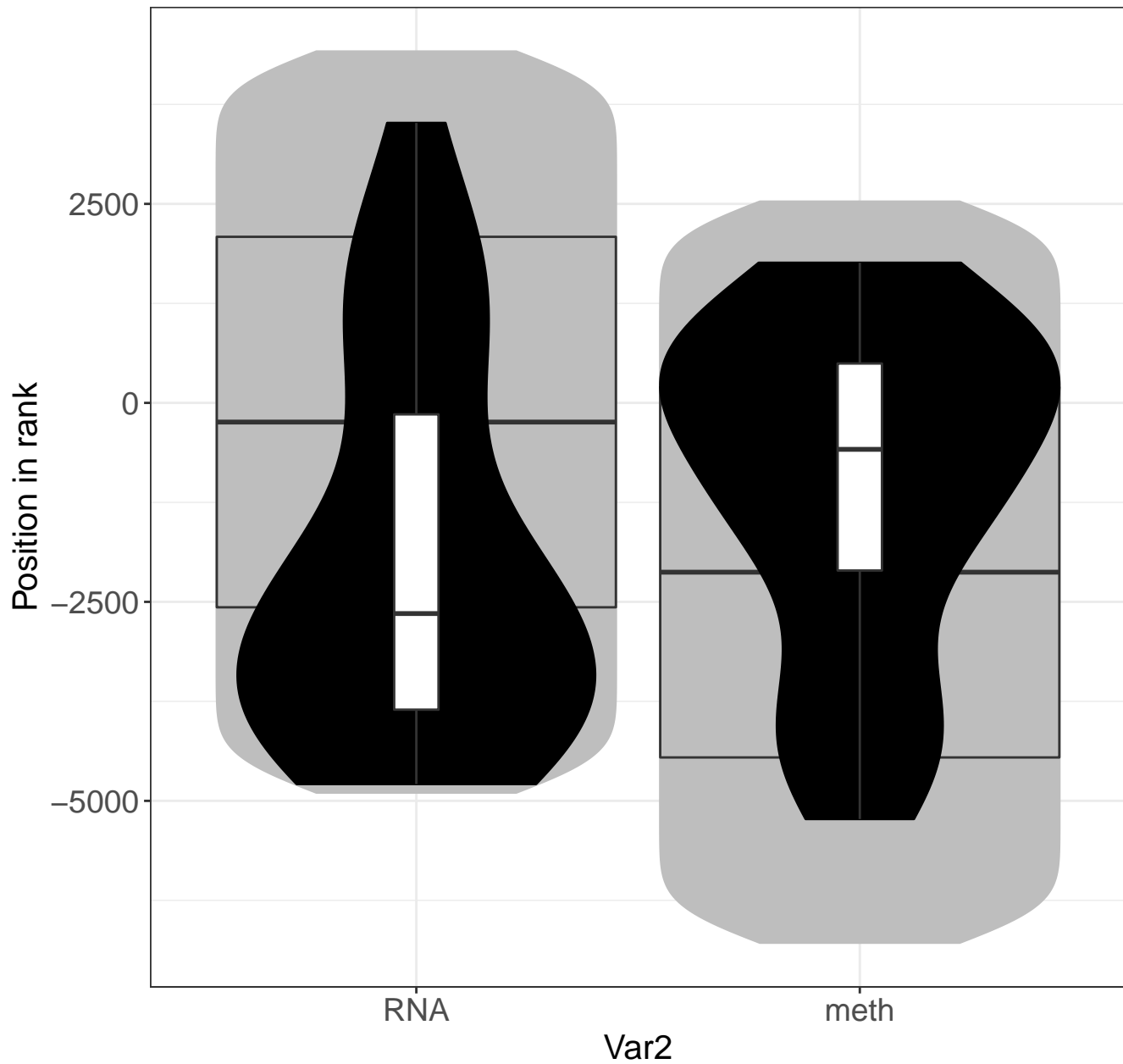
High TPR may confer susceptibility towards thyroid papillary ca



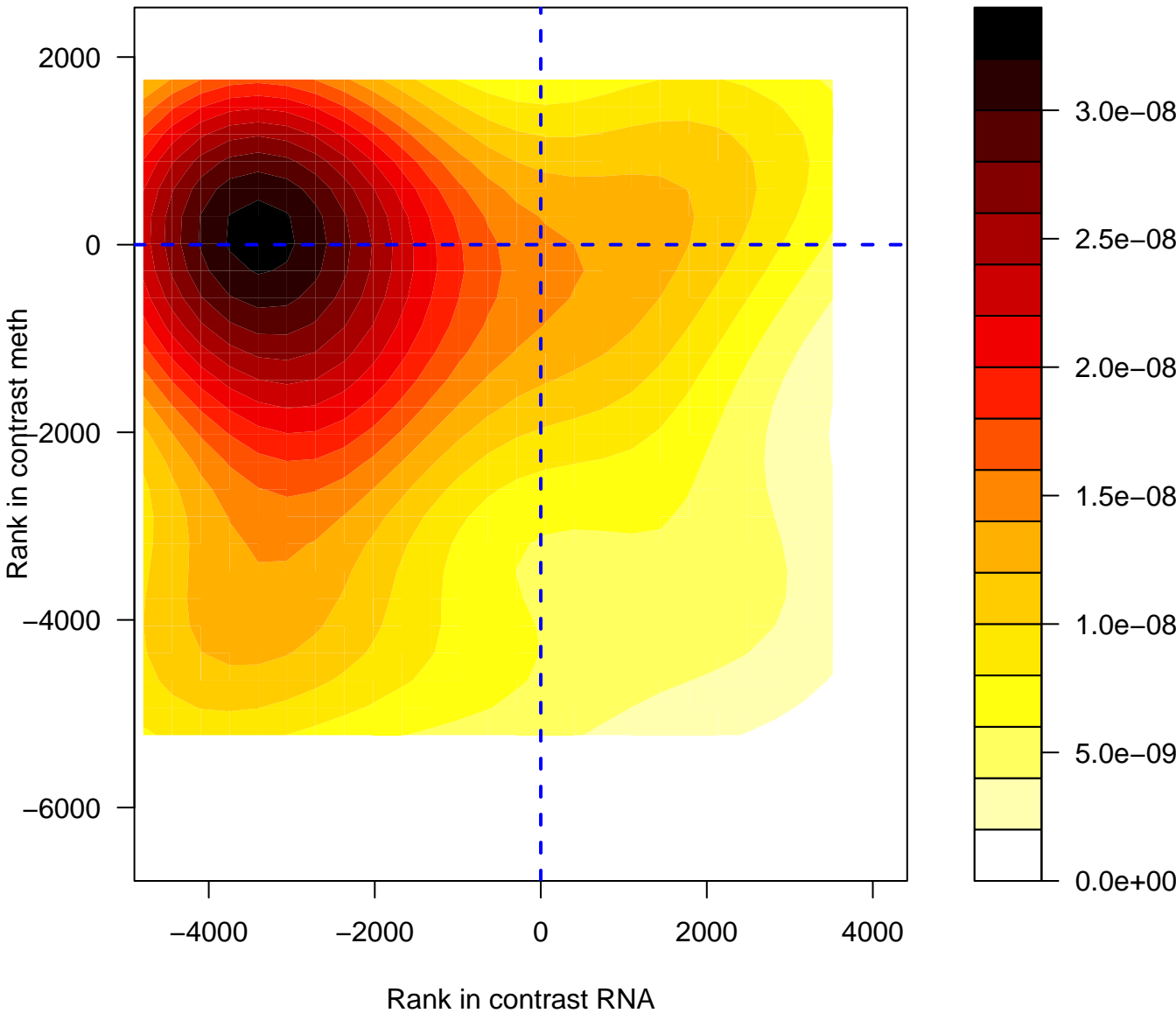
Effective TPR may confer susceptibility towards thyroid papillary carcinoma



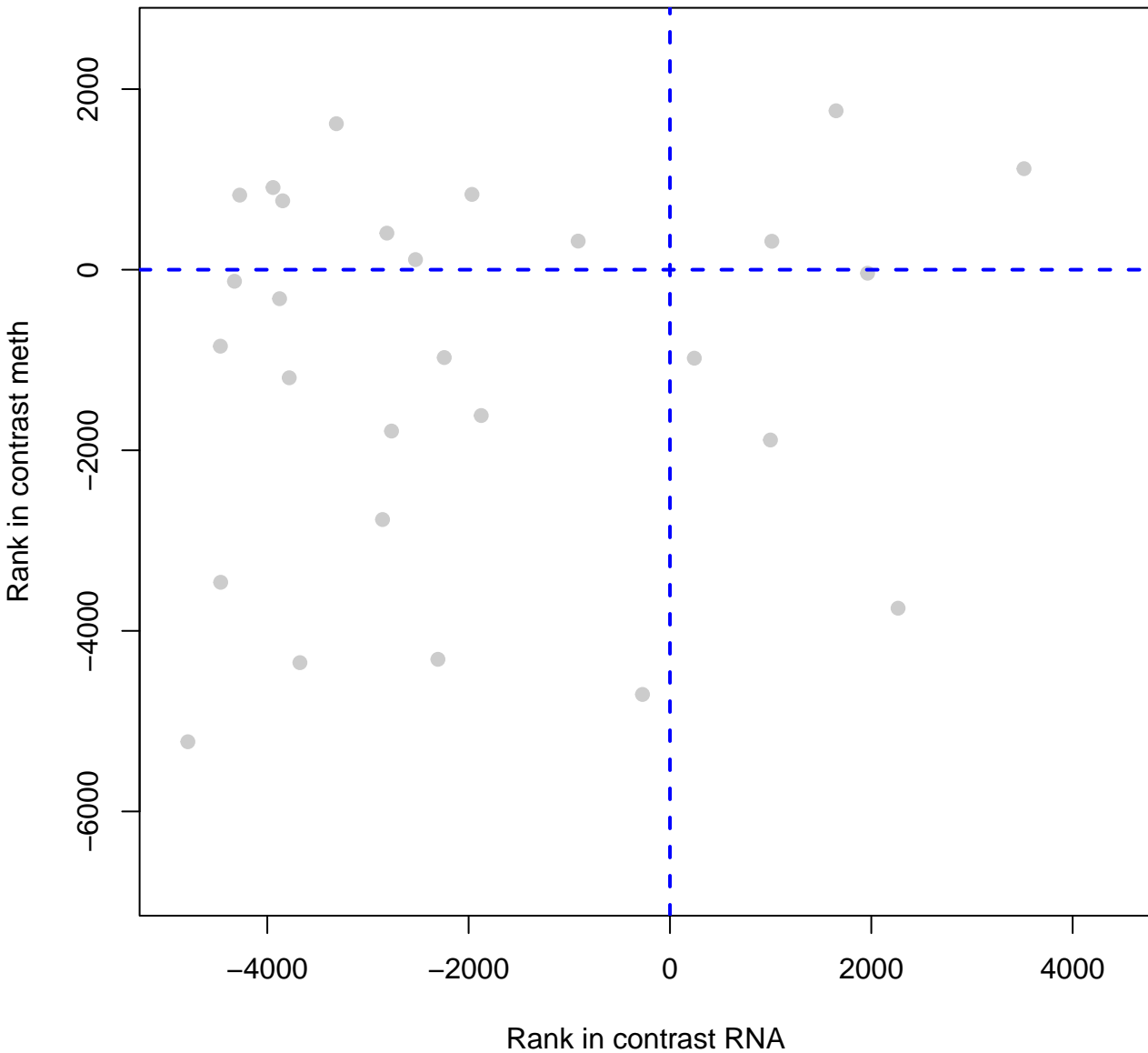
Defective TPR may confer susceptibility towards t



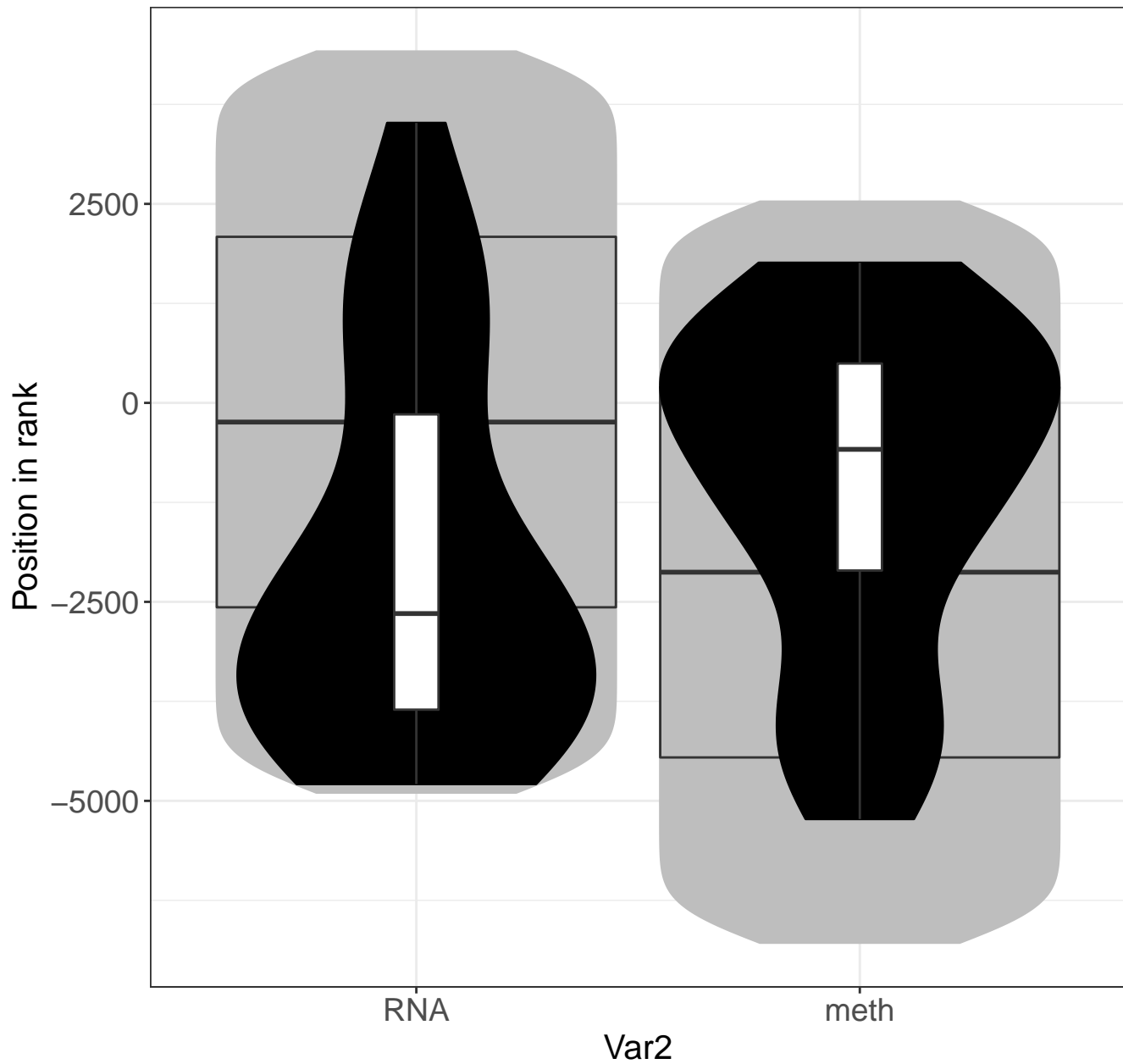
Regulation of Glucokinase by Glucokinase Regulatory Pro



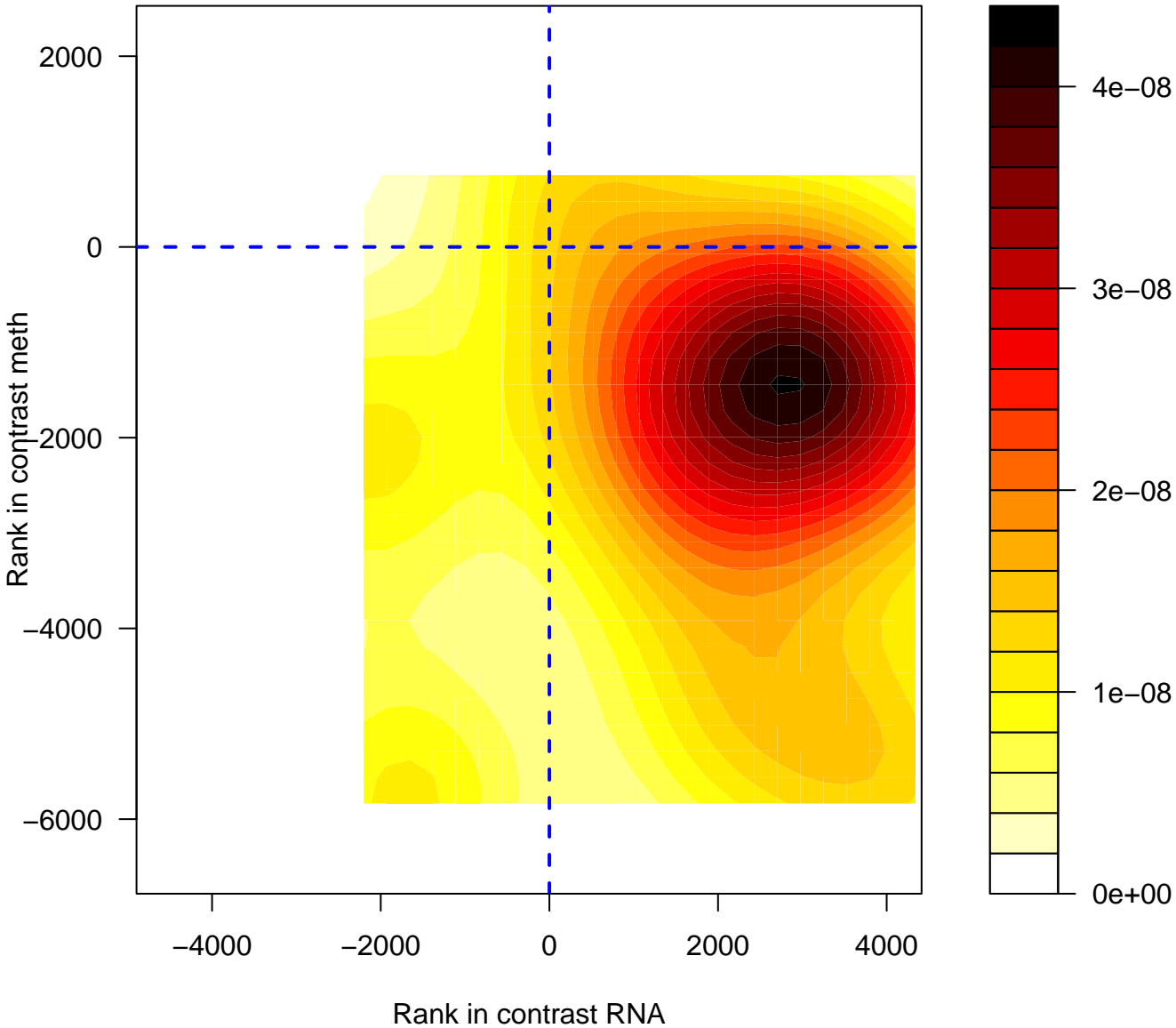
Regulation of Glucokinase by Glucokinase Regulatory Protein



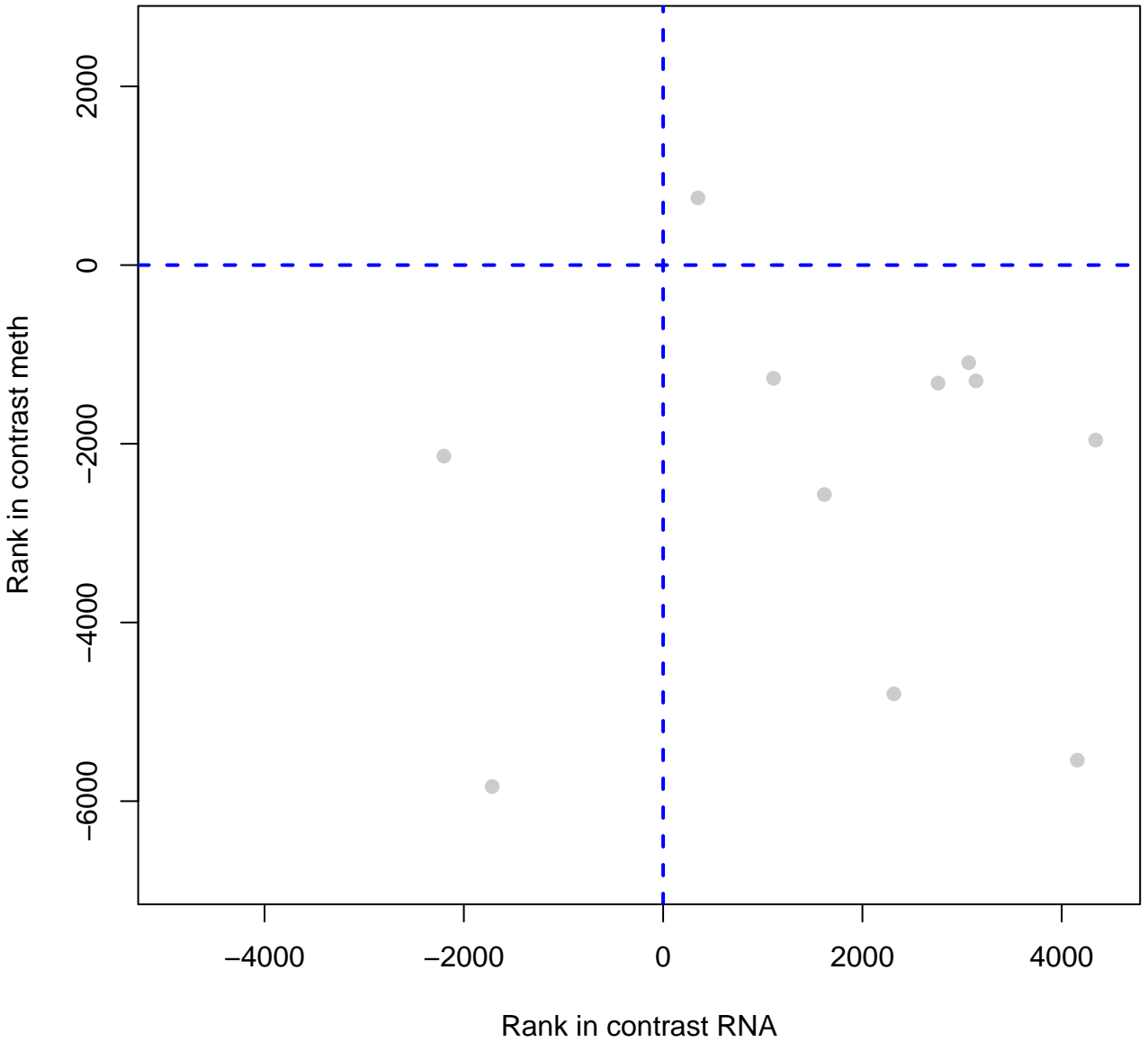
Regulation of Glucokinase by Glucokinase Regula



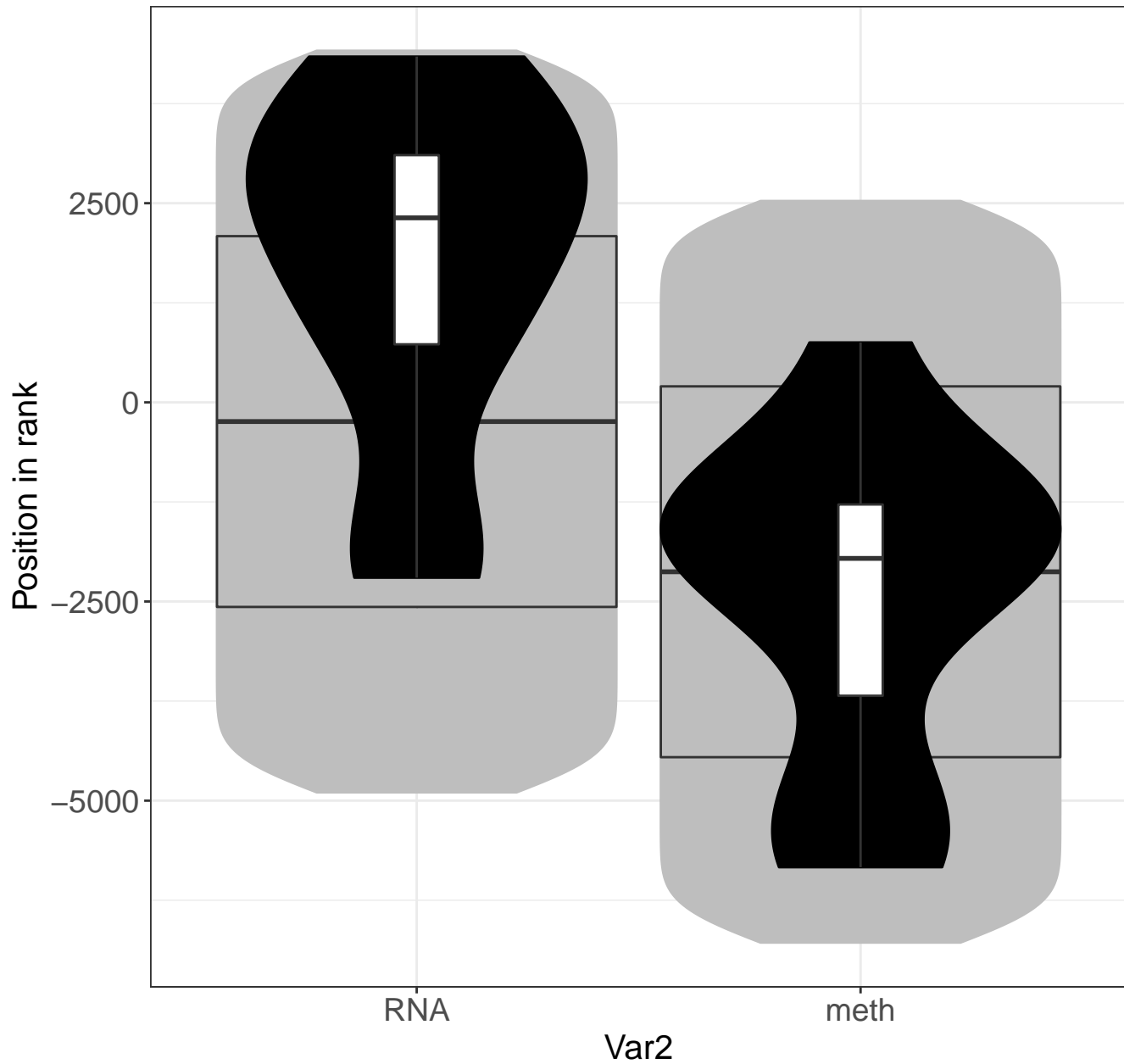
Glycogen synthesis



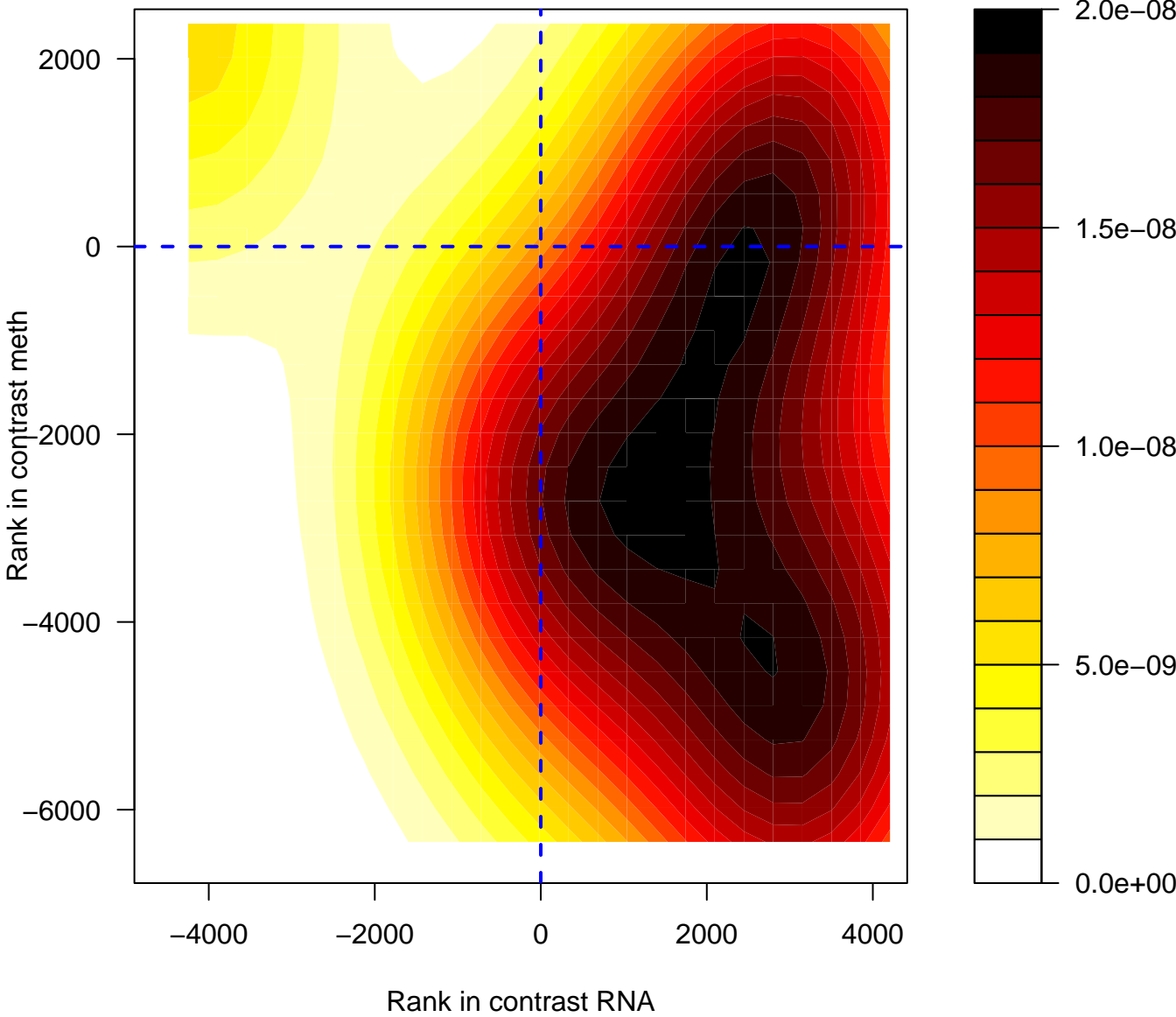
Glycogen synthesis



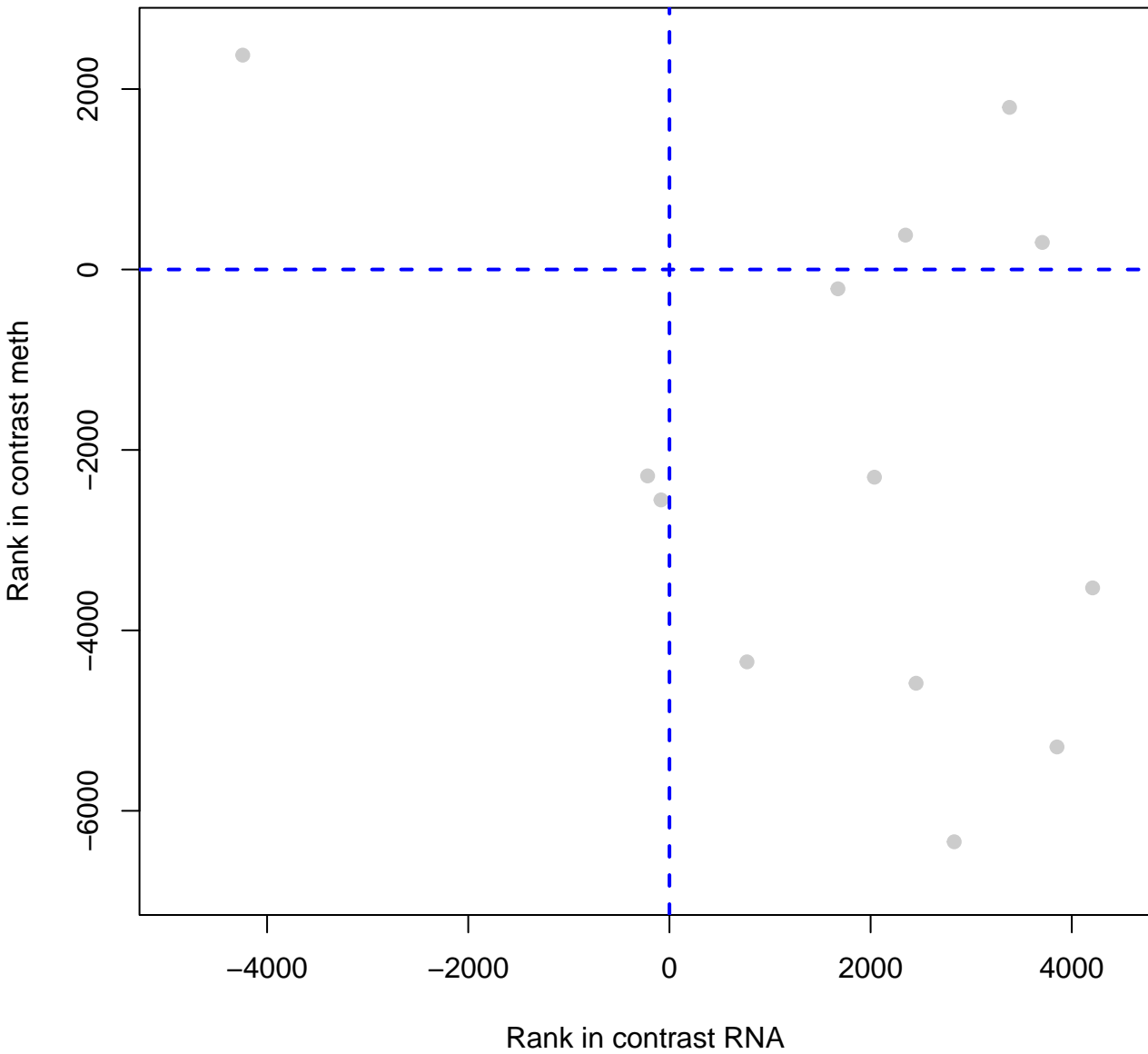
Glycogen synthesis



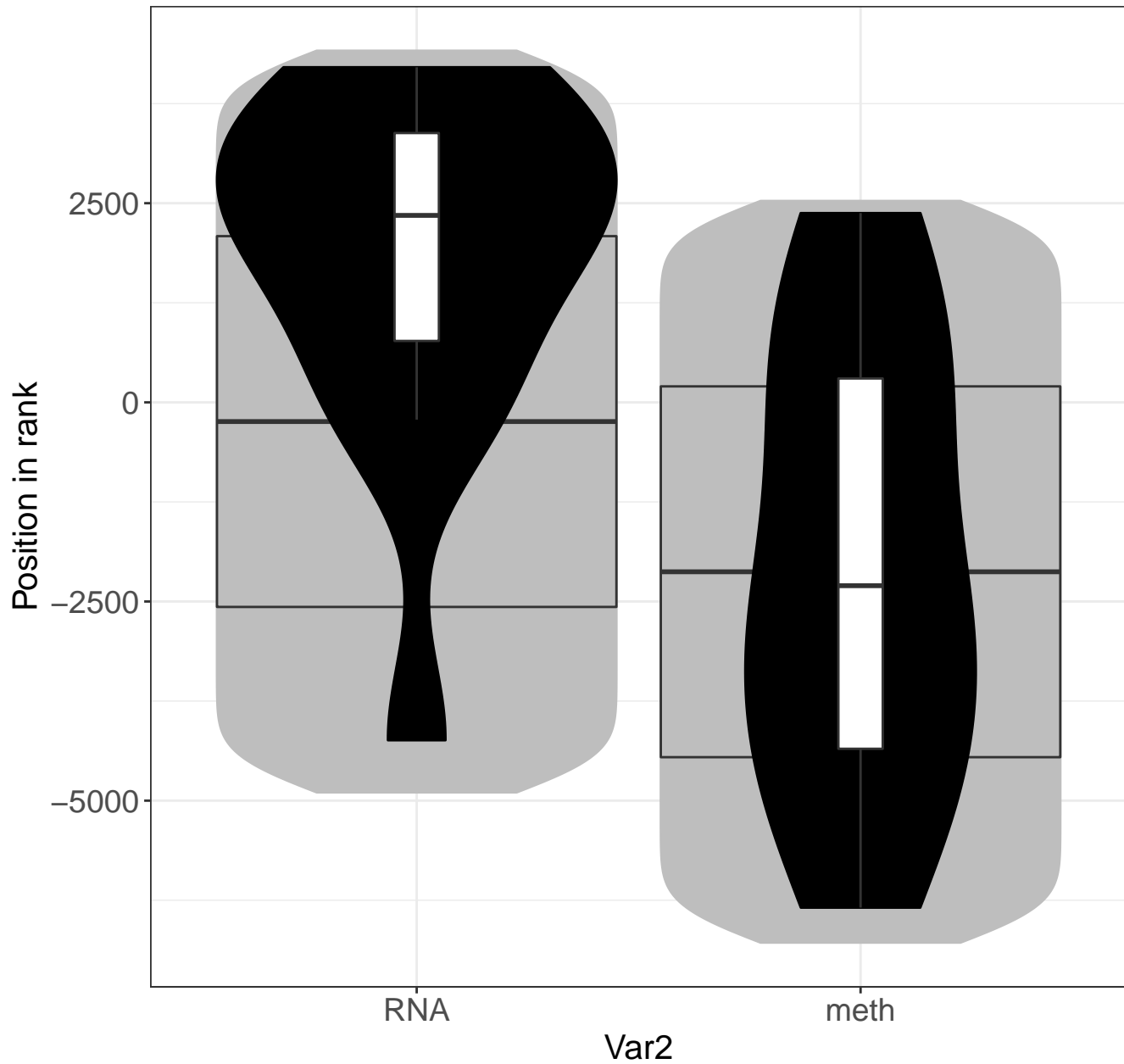
Platelet sensitization by LDL



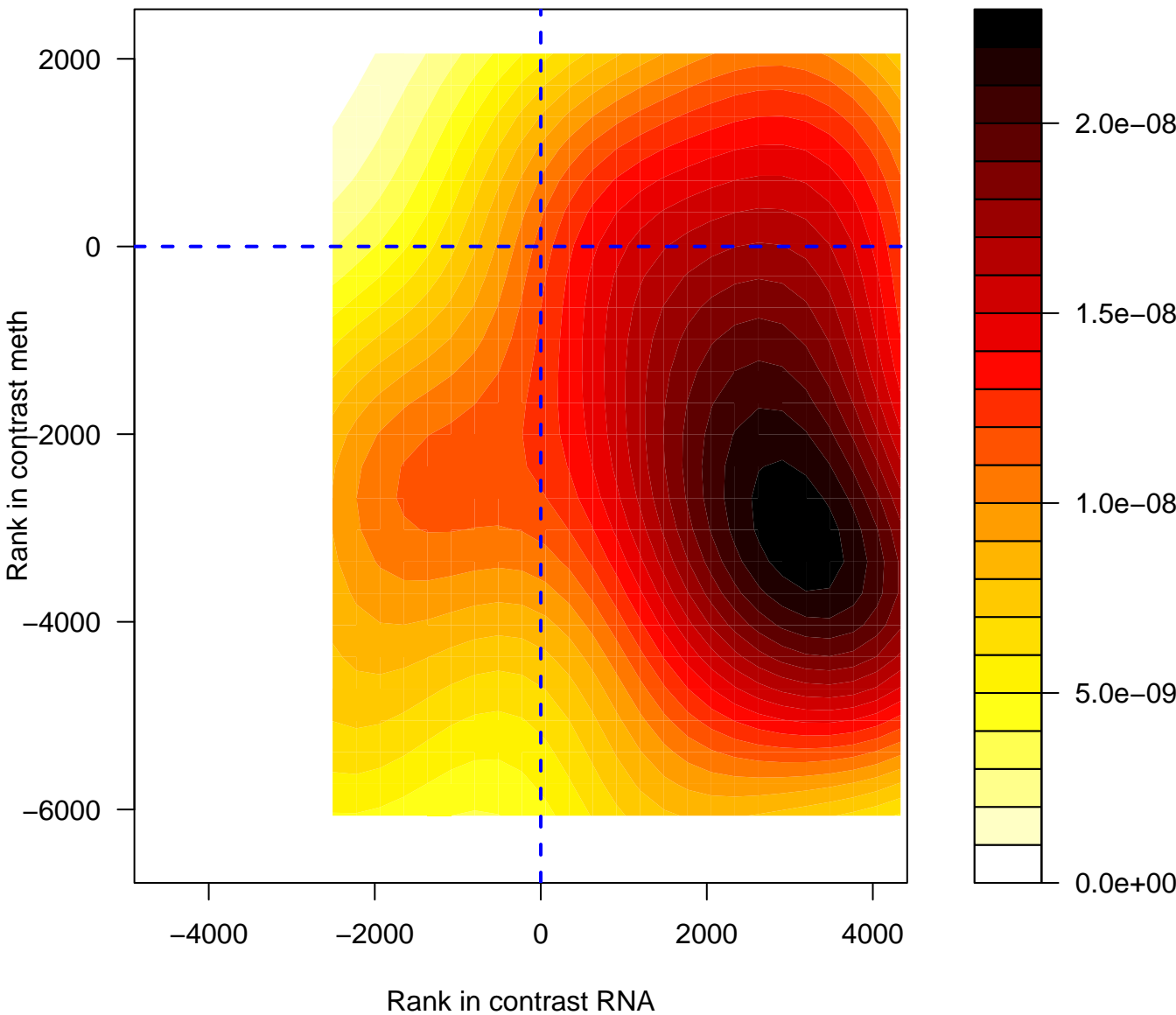
Platelet sensitization by LDL



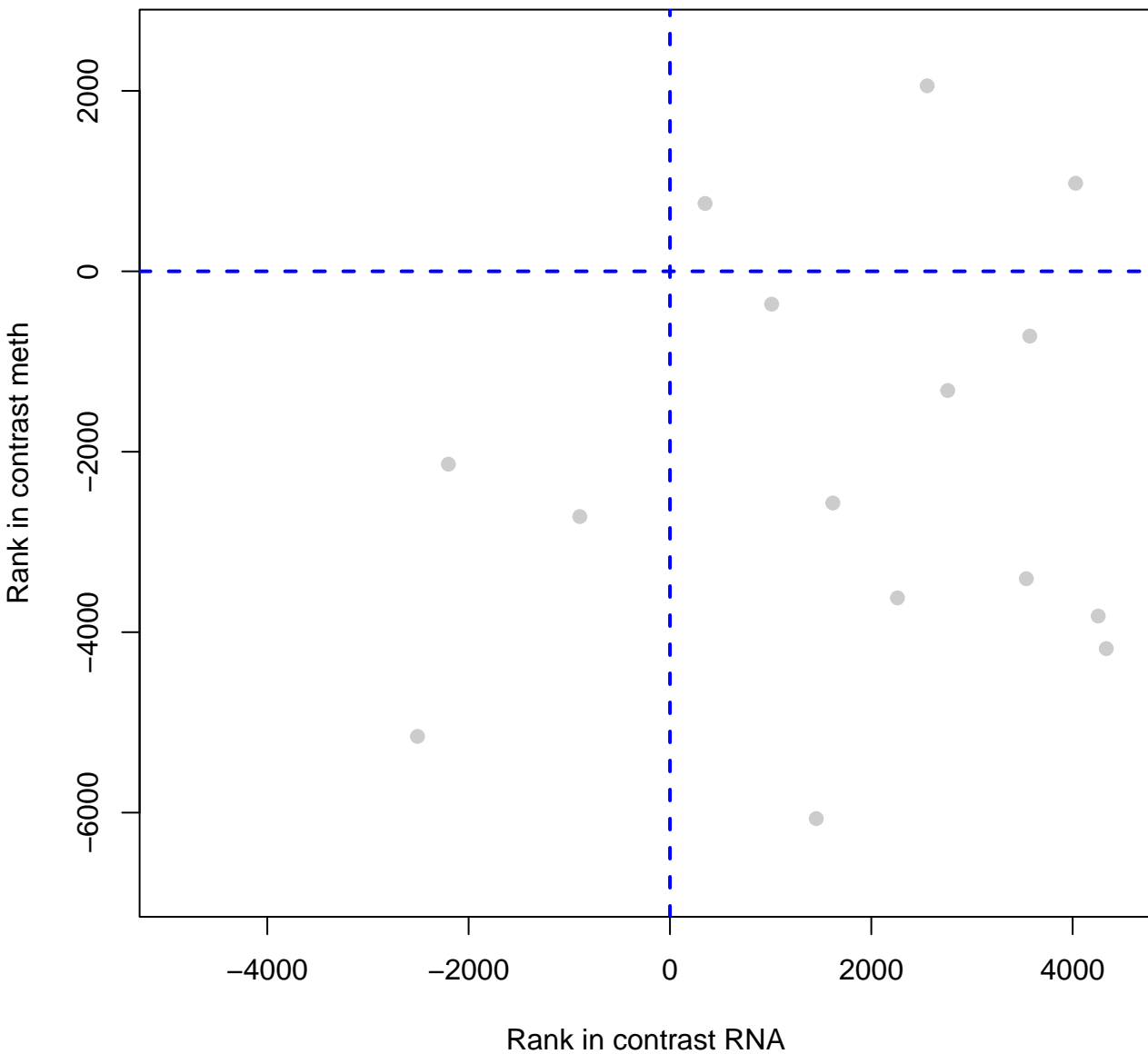
Platelet sensitization by LDL



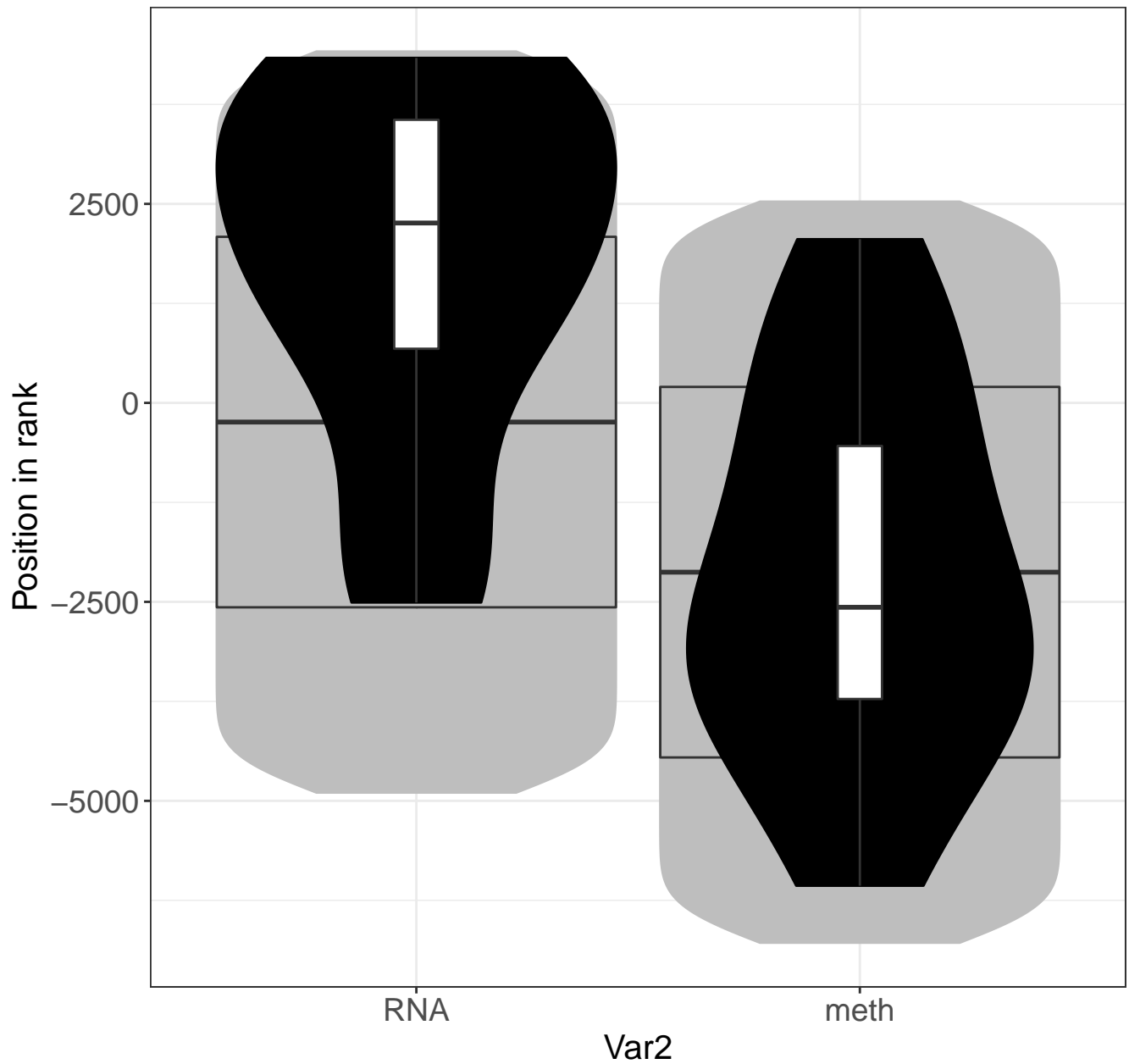
NOTCH3 Activation and Transmission of Signal to the Nuc|



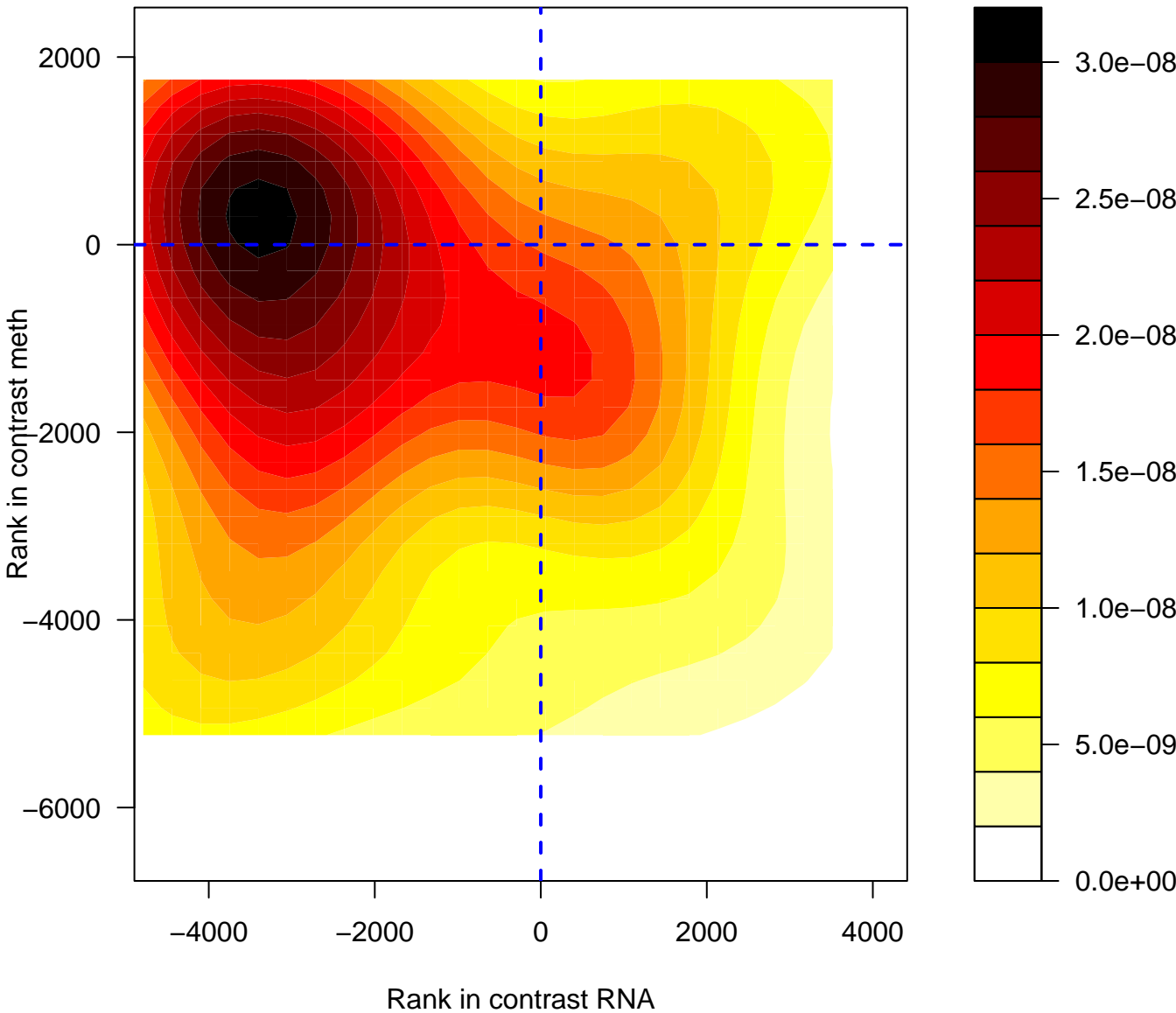
NOTCH3 Activation and Transmission of Signal to the Nucleus



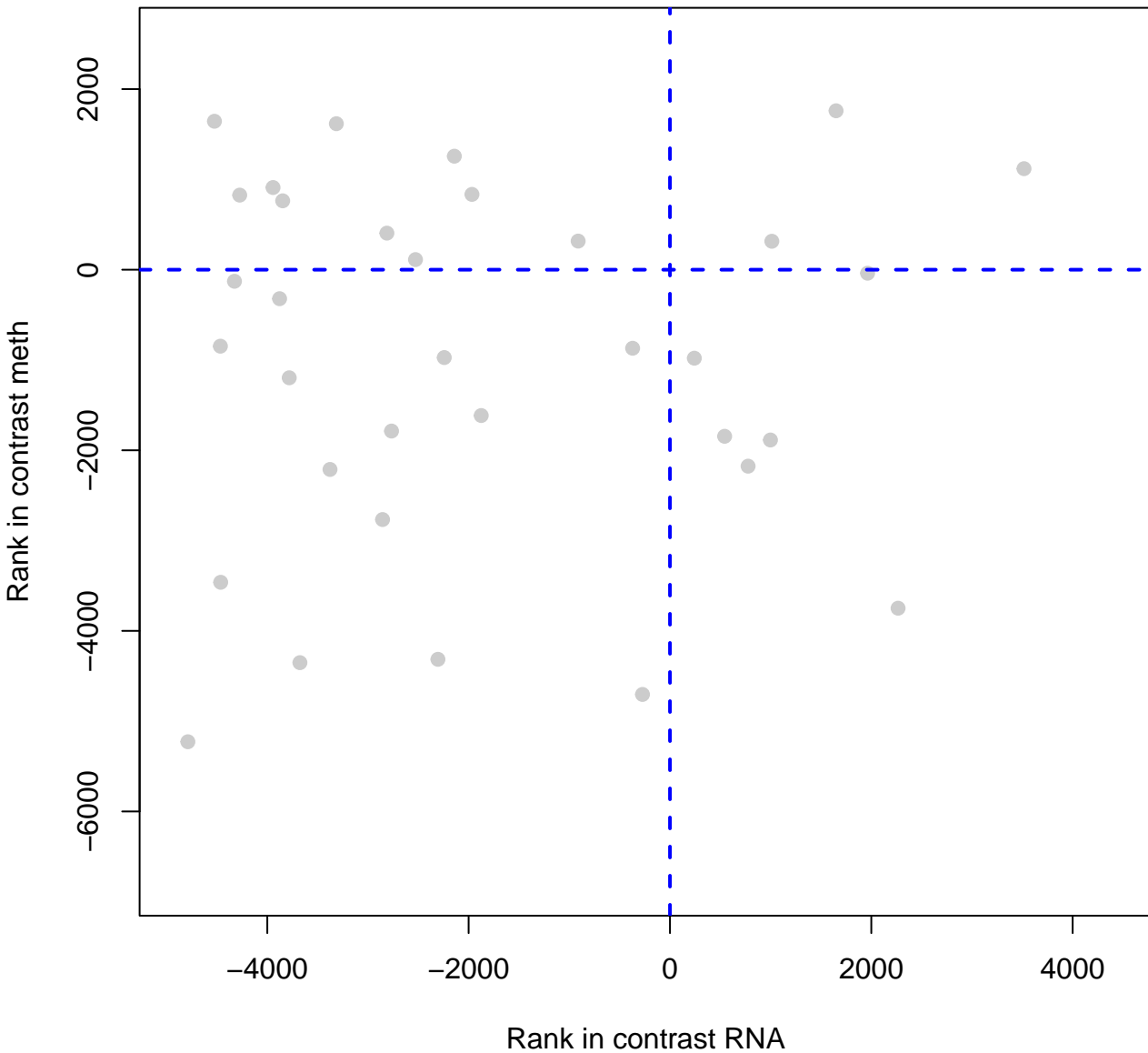
NOTCH3 Activation and Transmission of Signal to



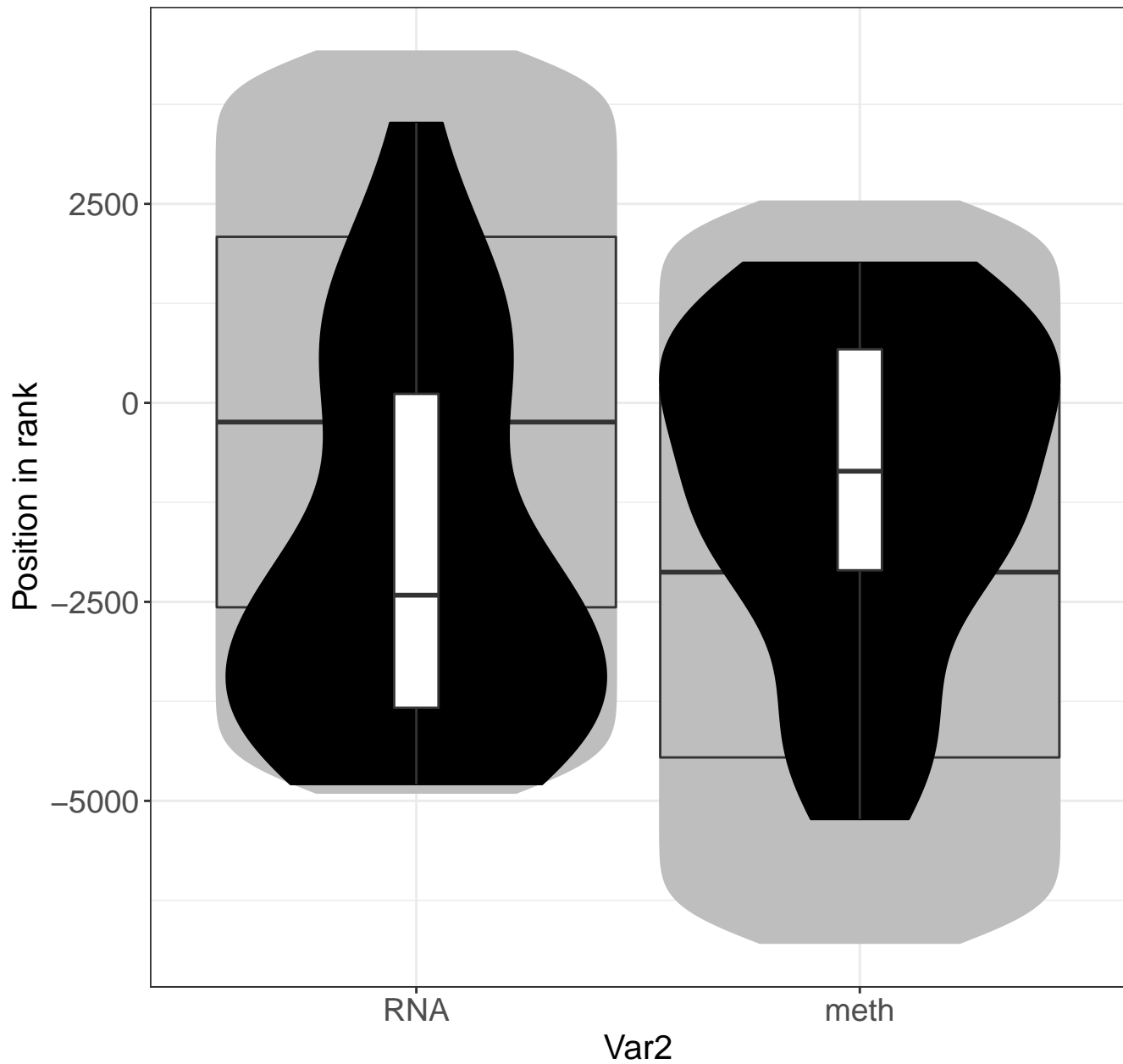
Interactions of Rev with host cellular proteins



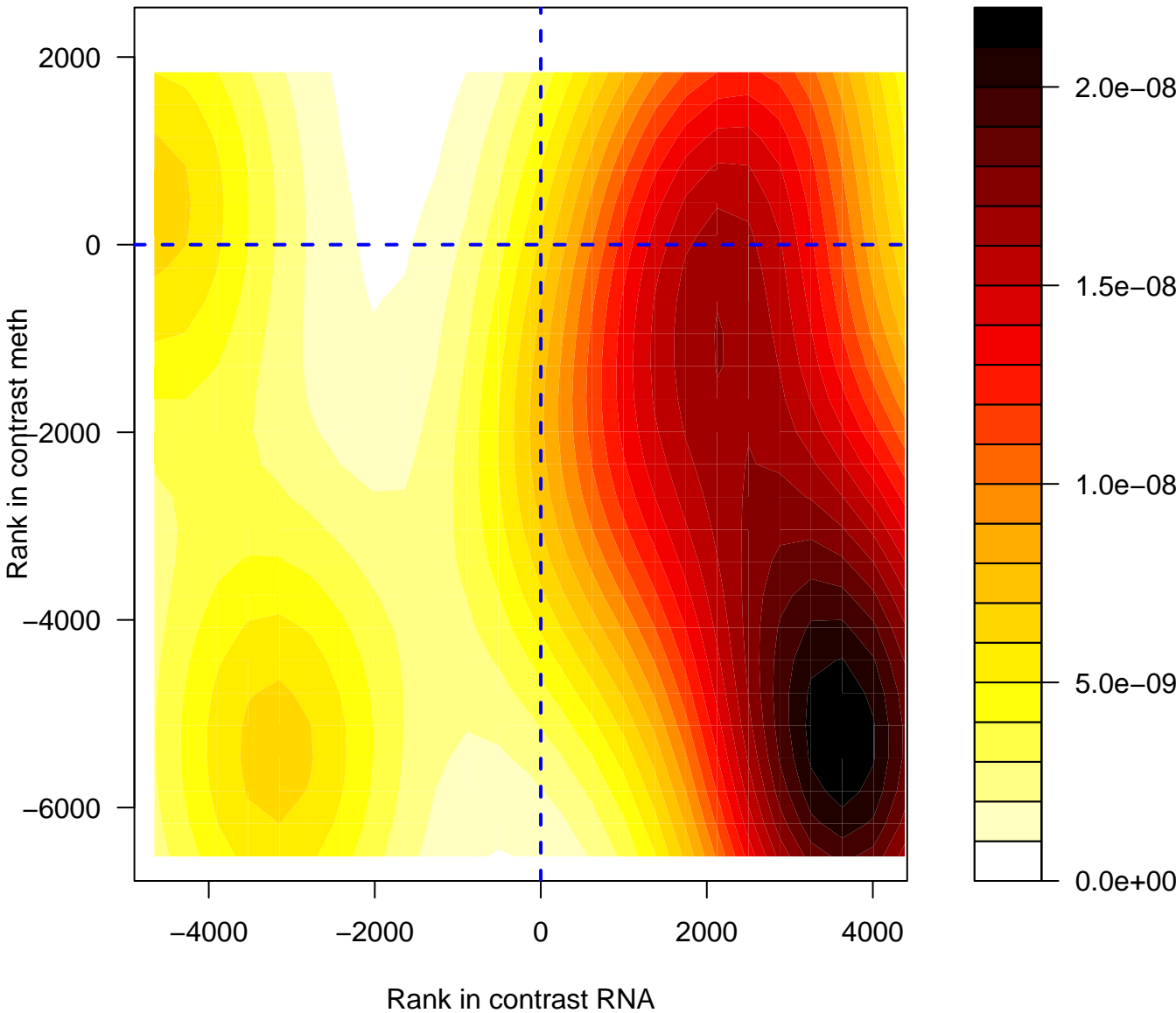
Interactions of Rev with host cellular proteins



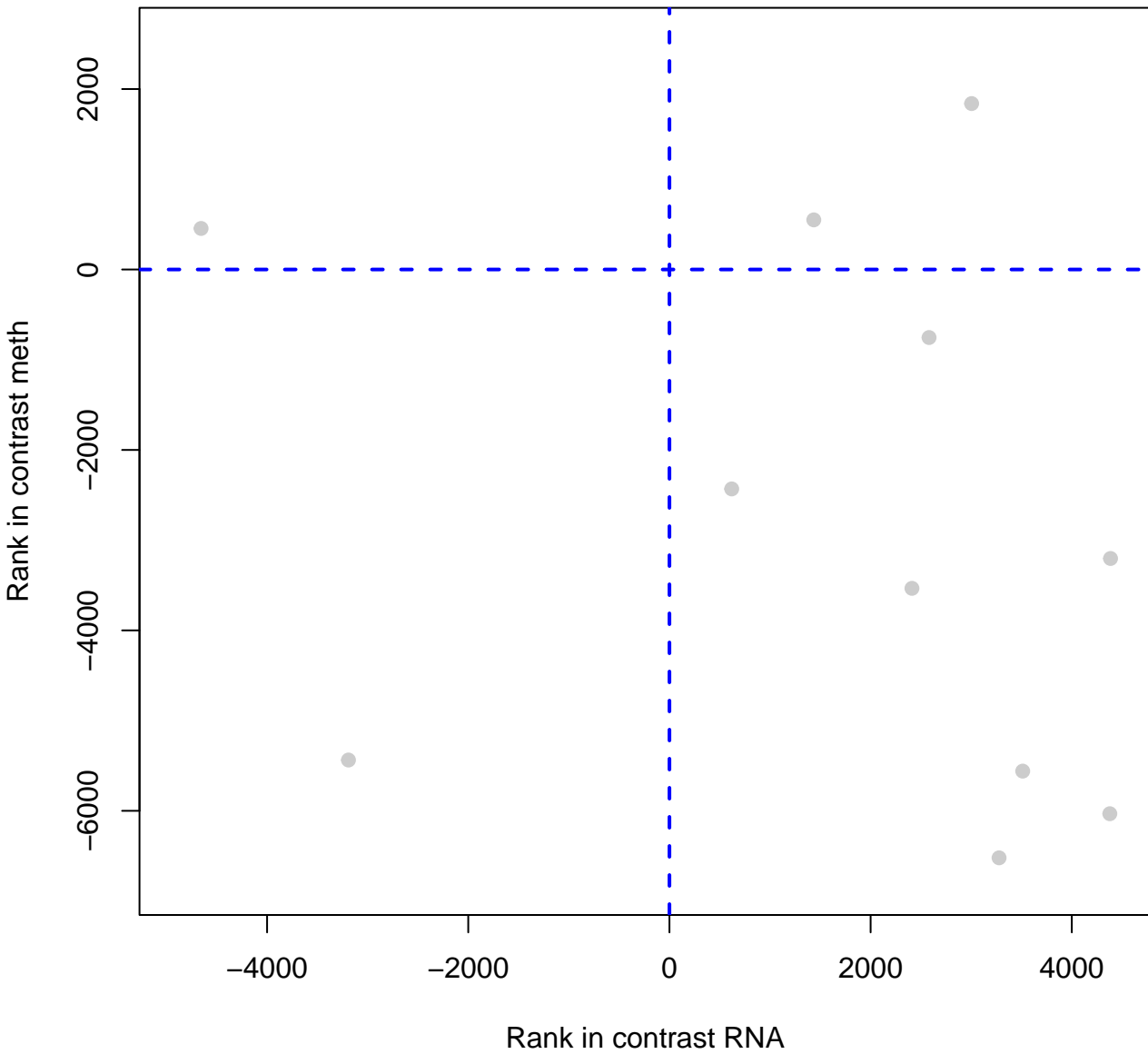
Interactions of Rev with host cellular proteins



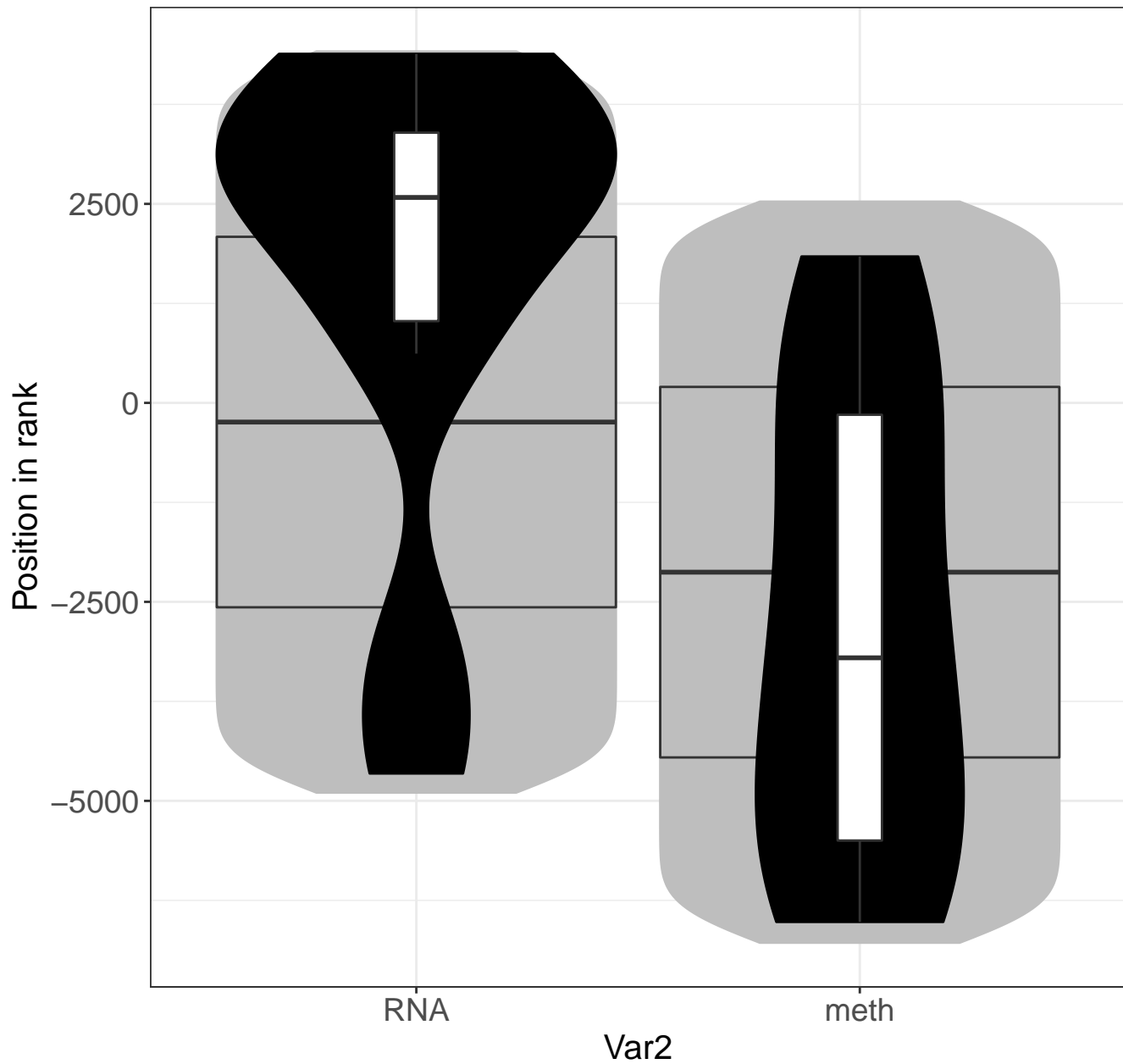
Triglyceride catabolism



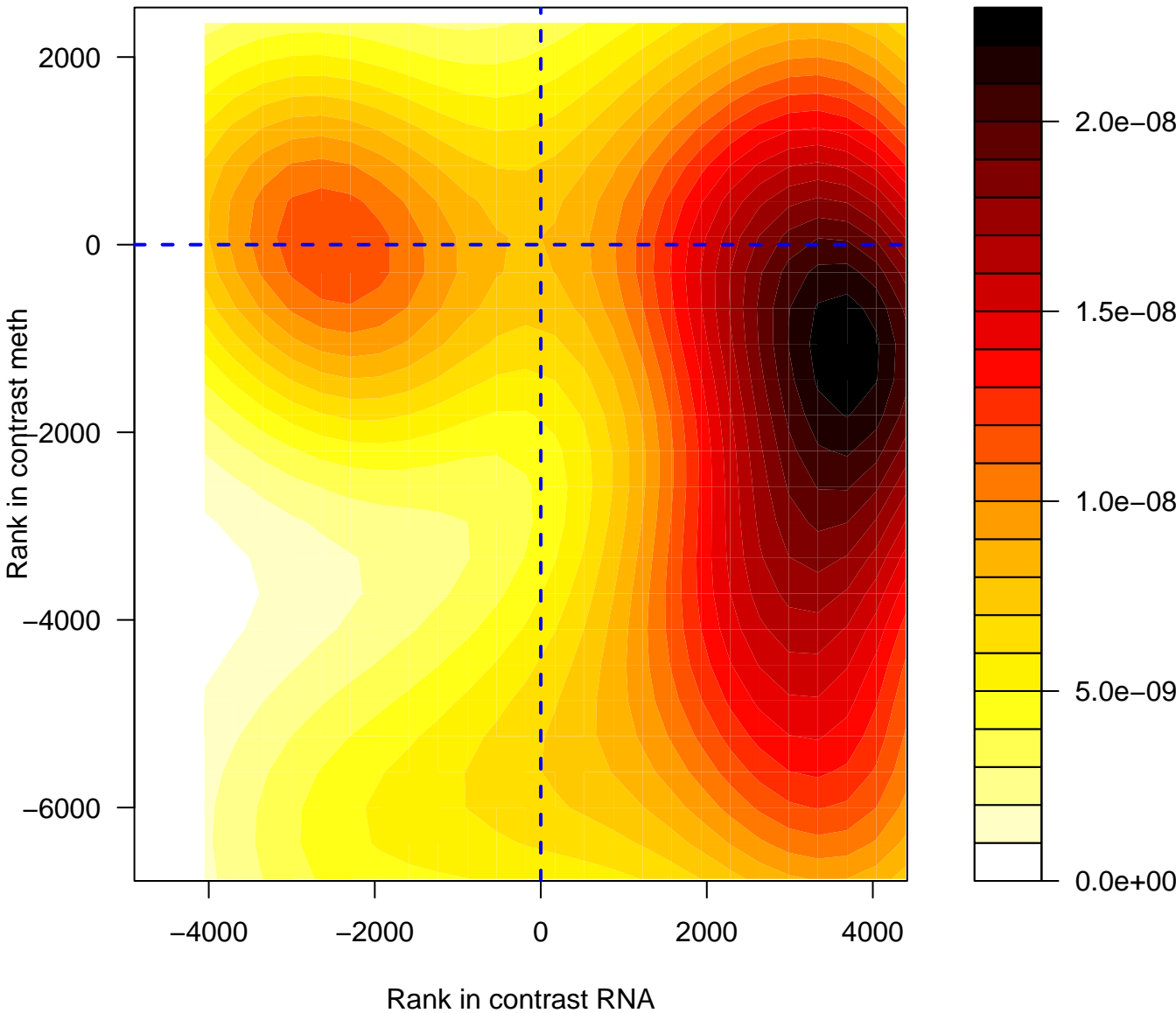
Triglyceride catabolism



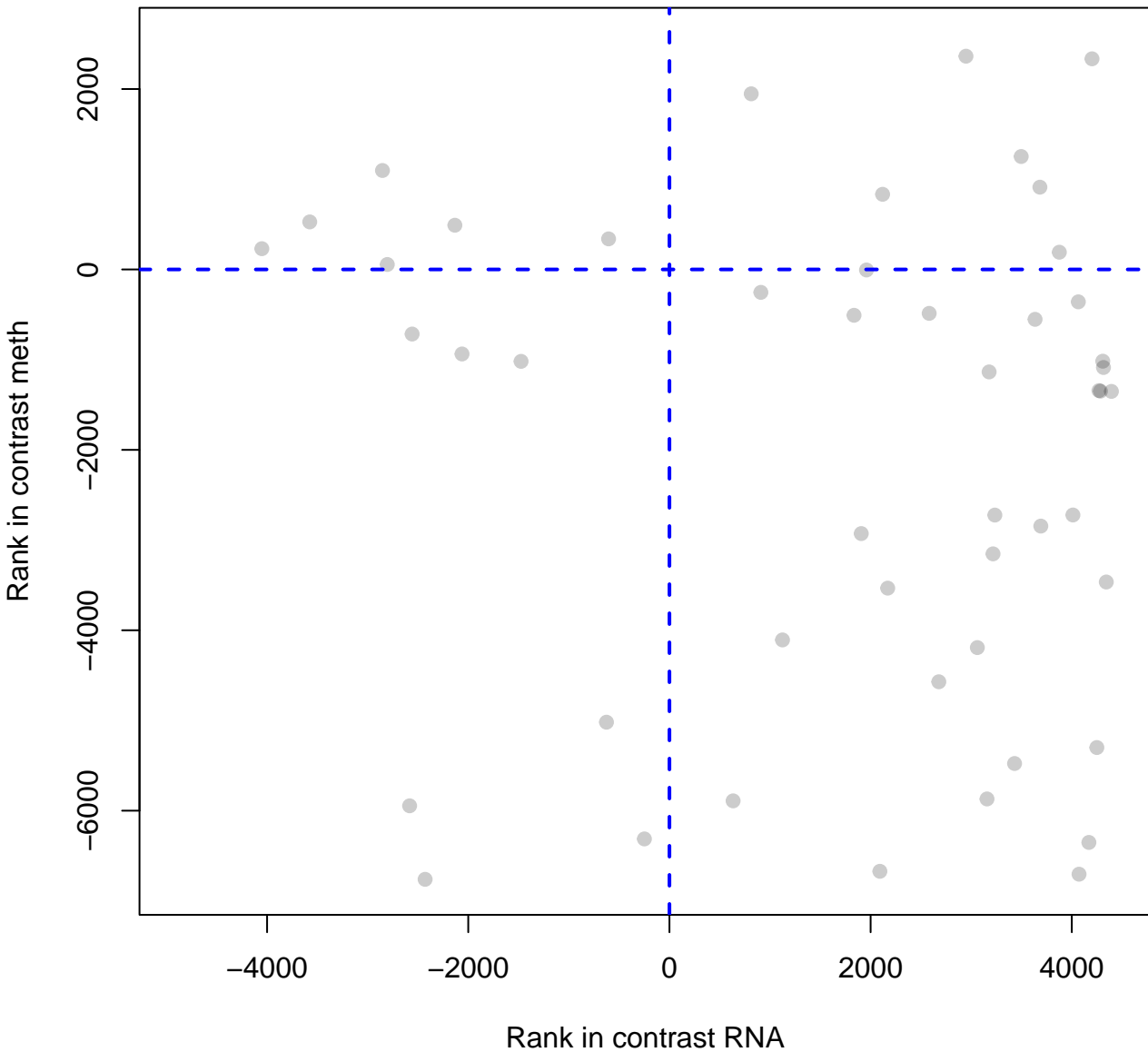
Triglyceride catabolism



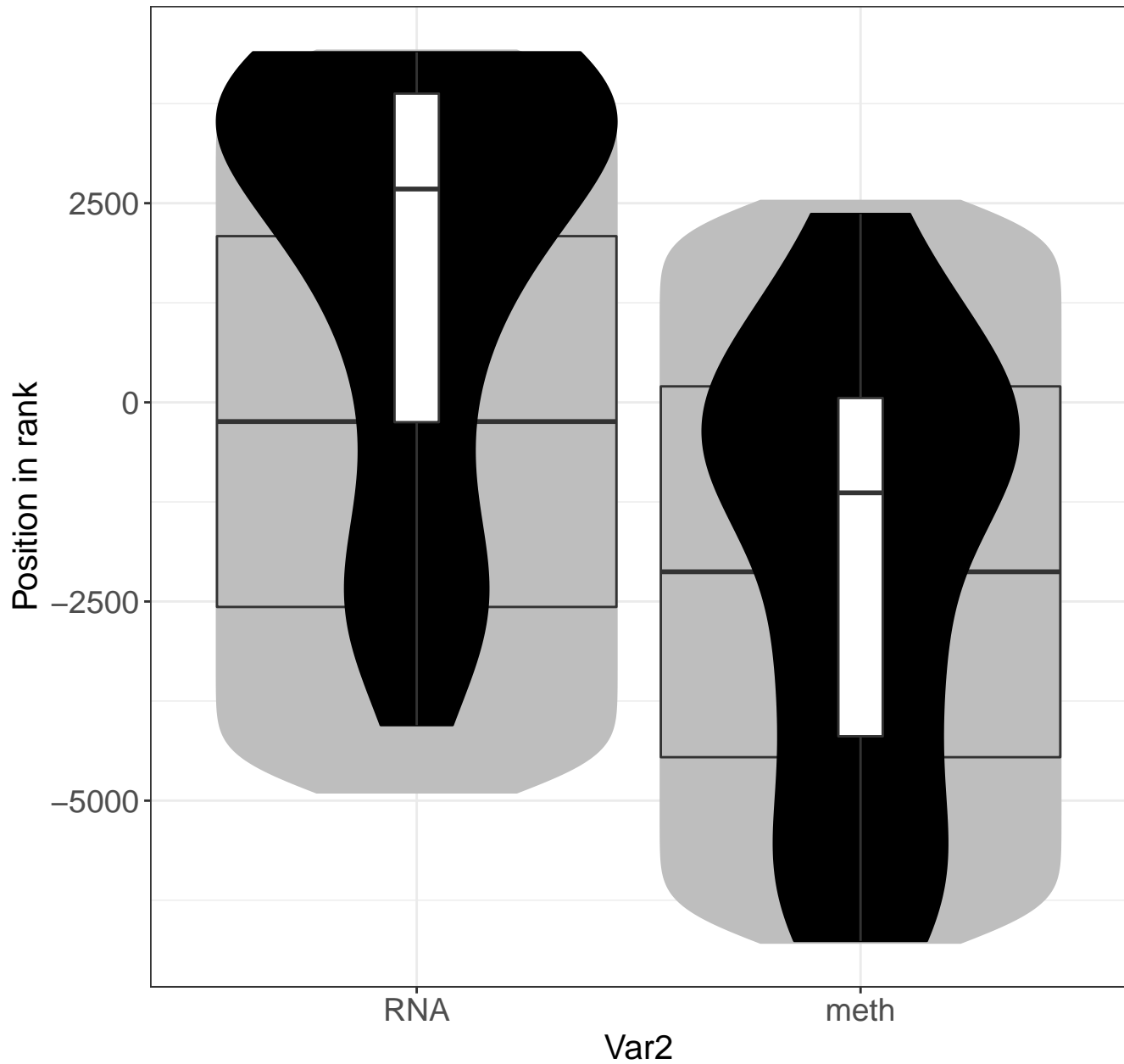
Platelet degranulation



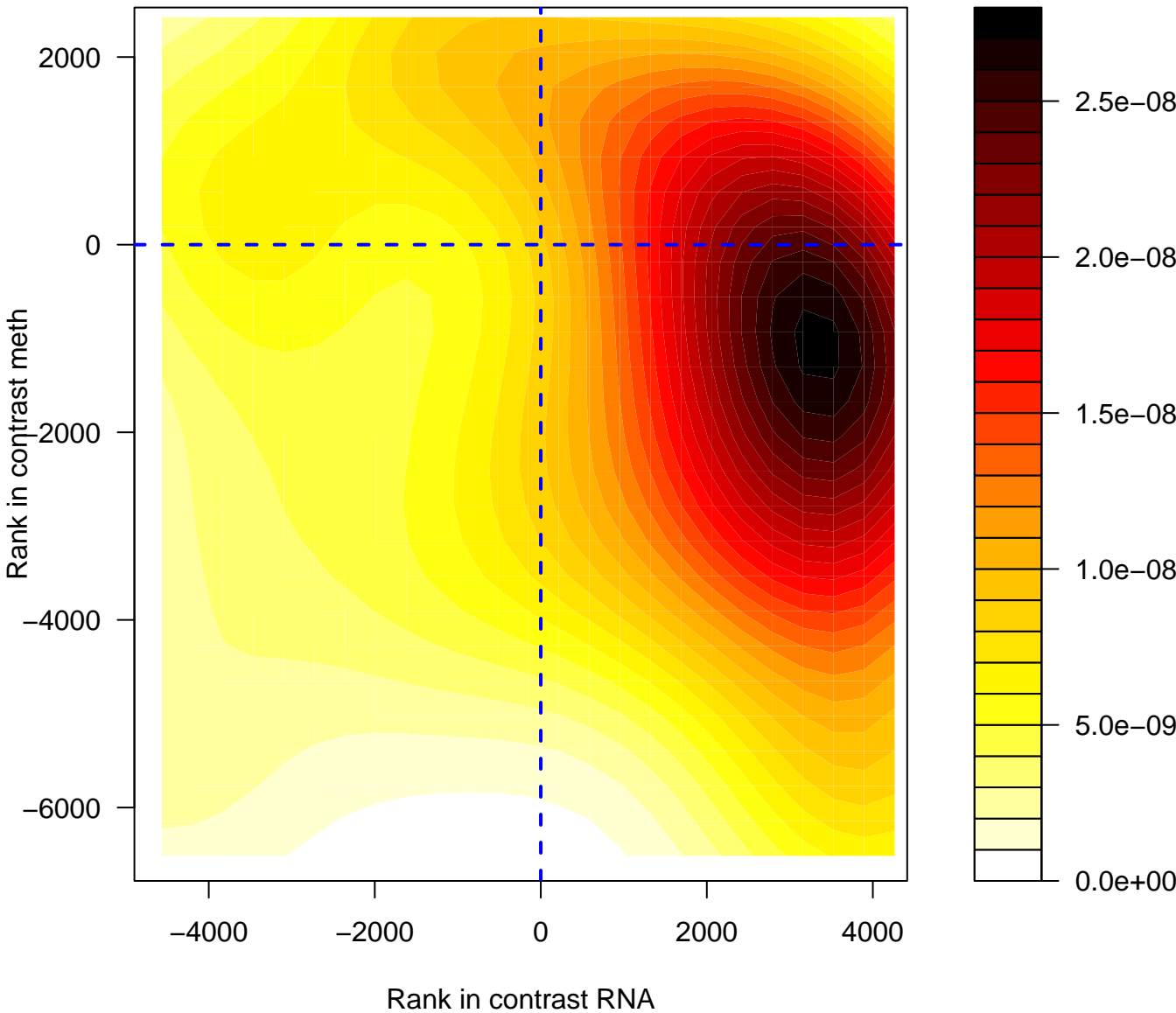
Platelet degranulation



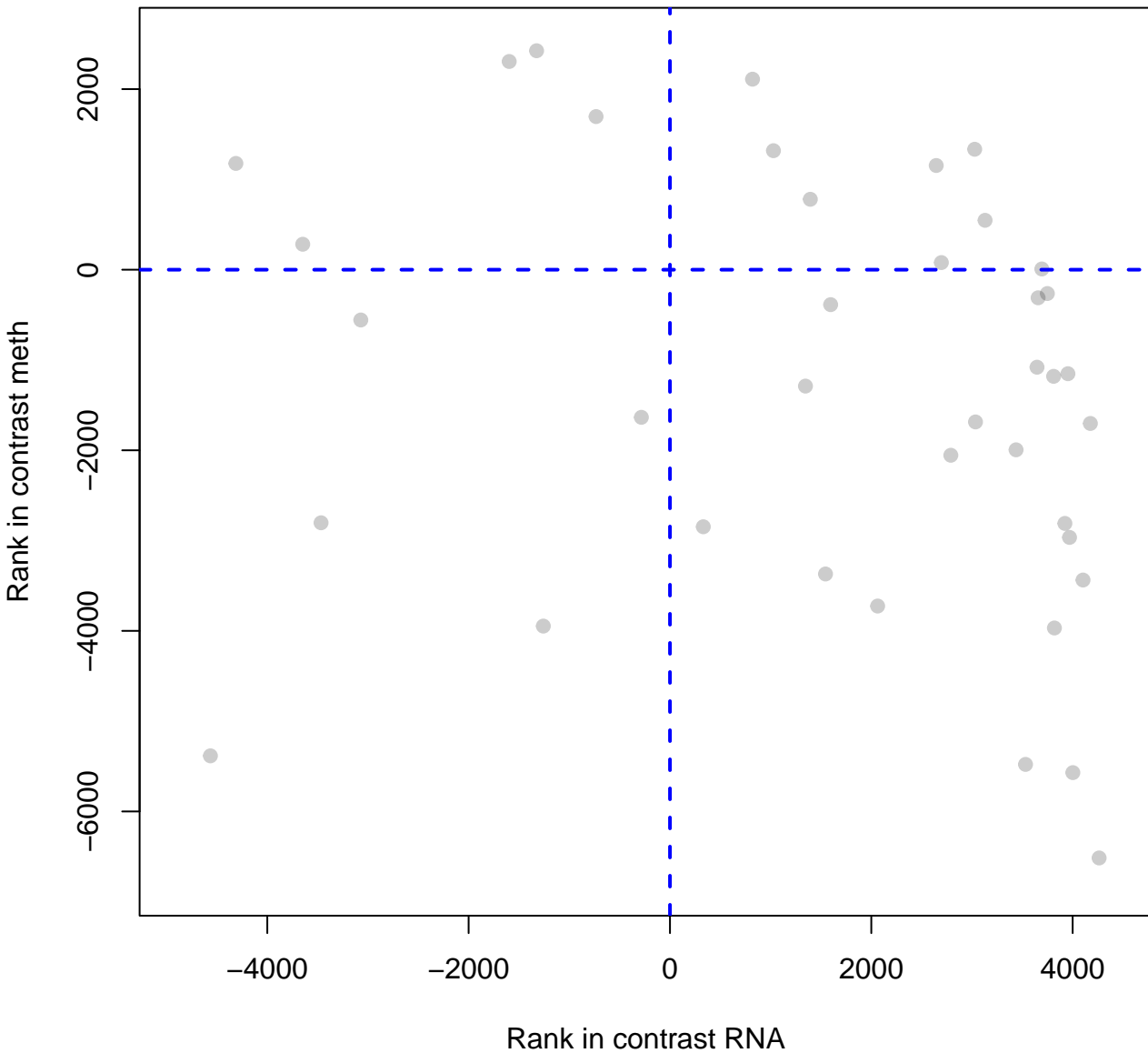
Platelet degranulation



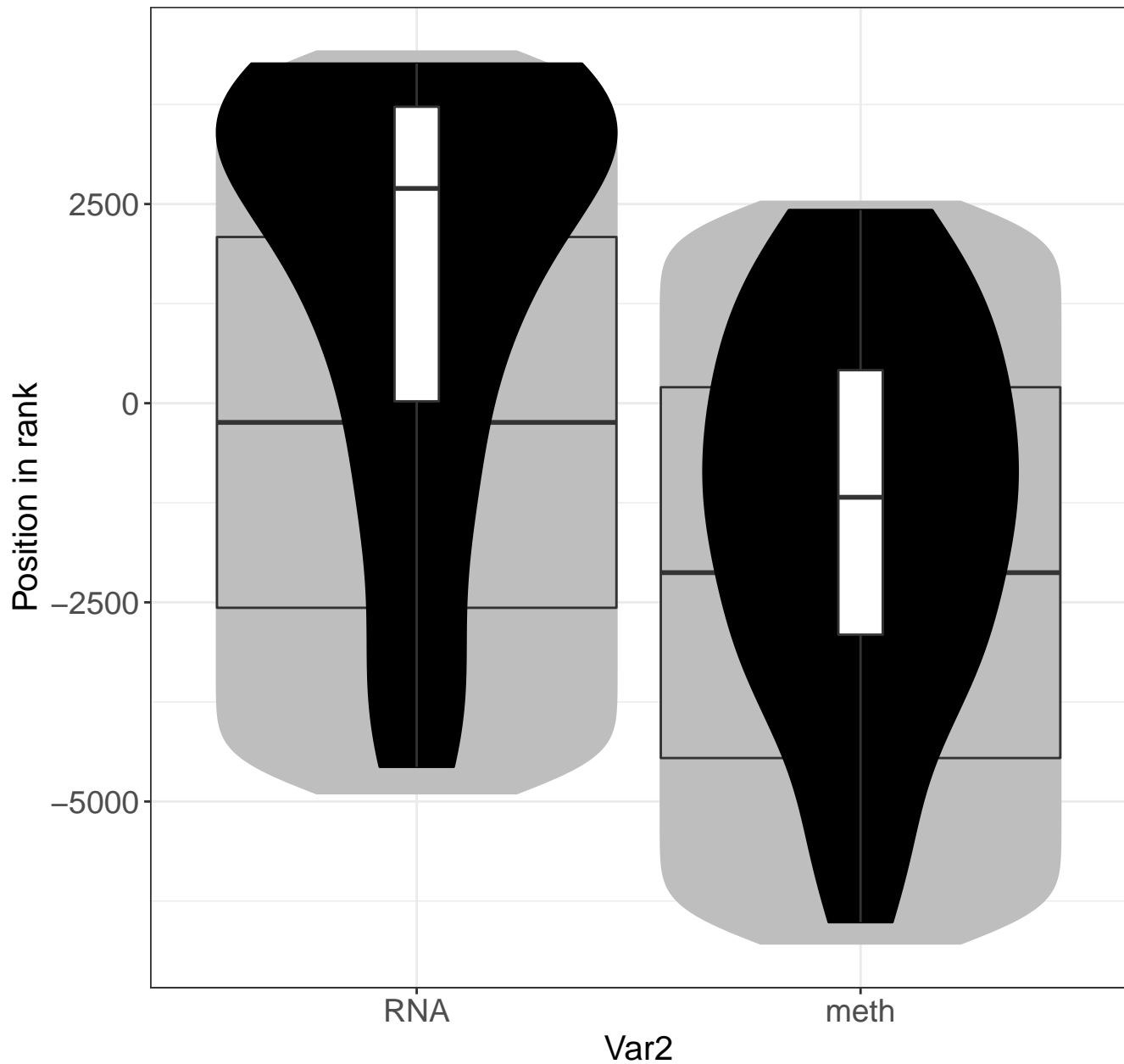
RAB geranylgeranylation



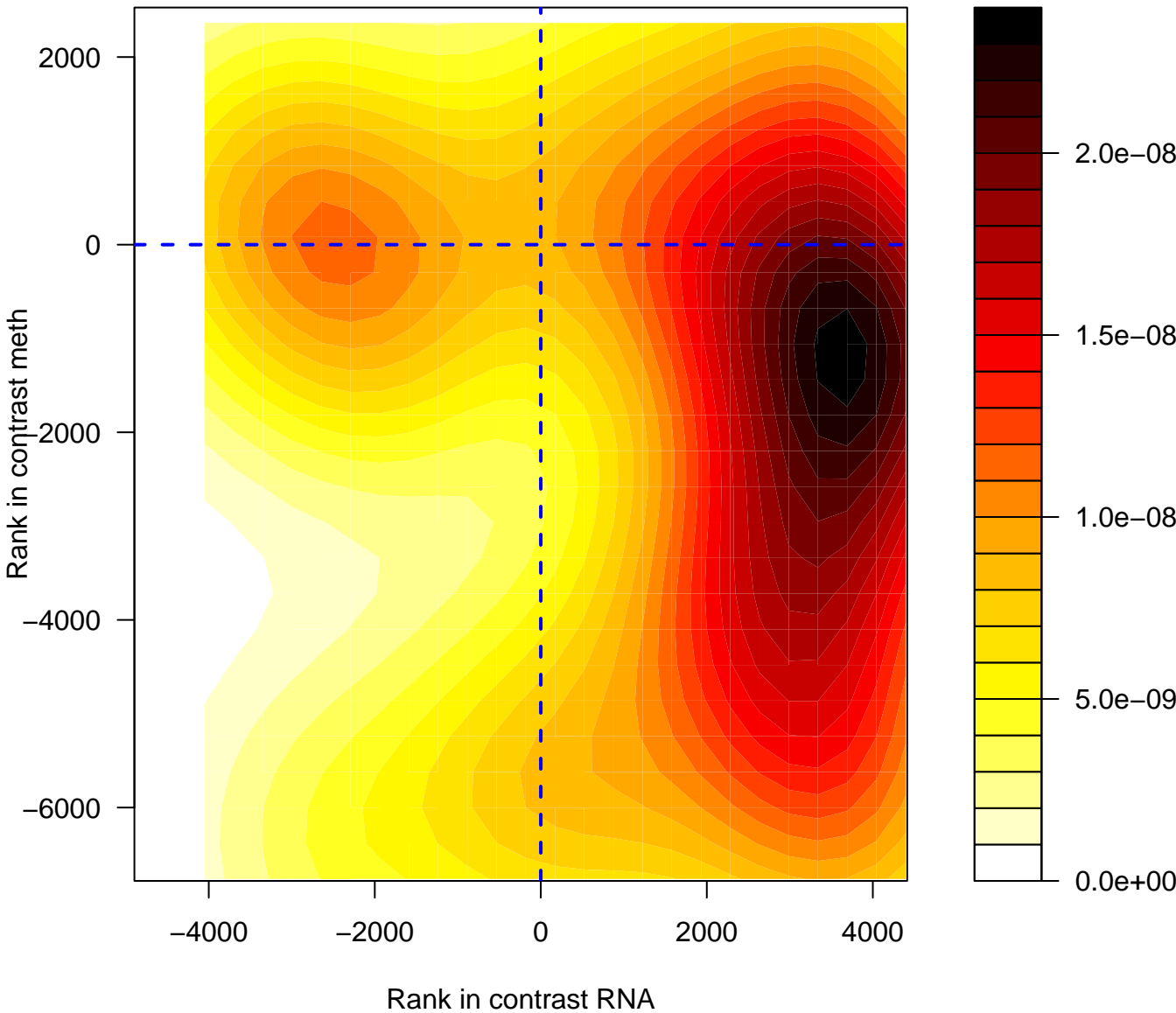
RAB geranylgeranylation



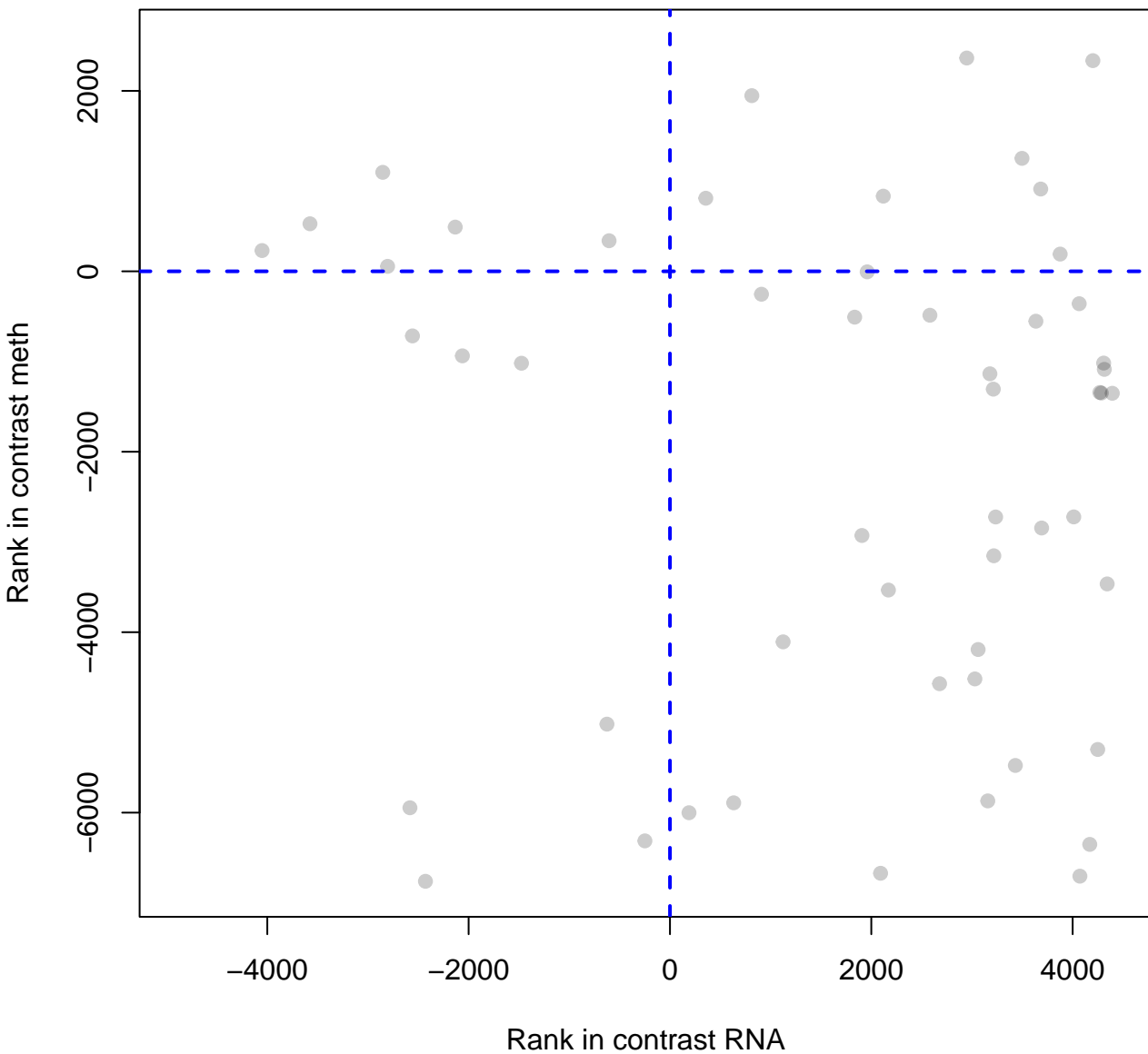
RAB geranylgeranylation



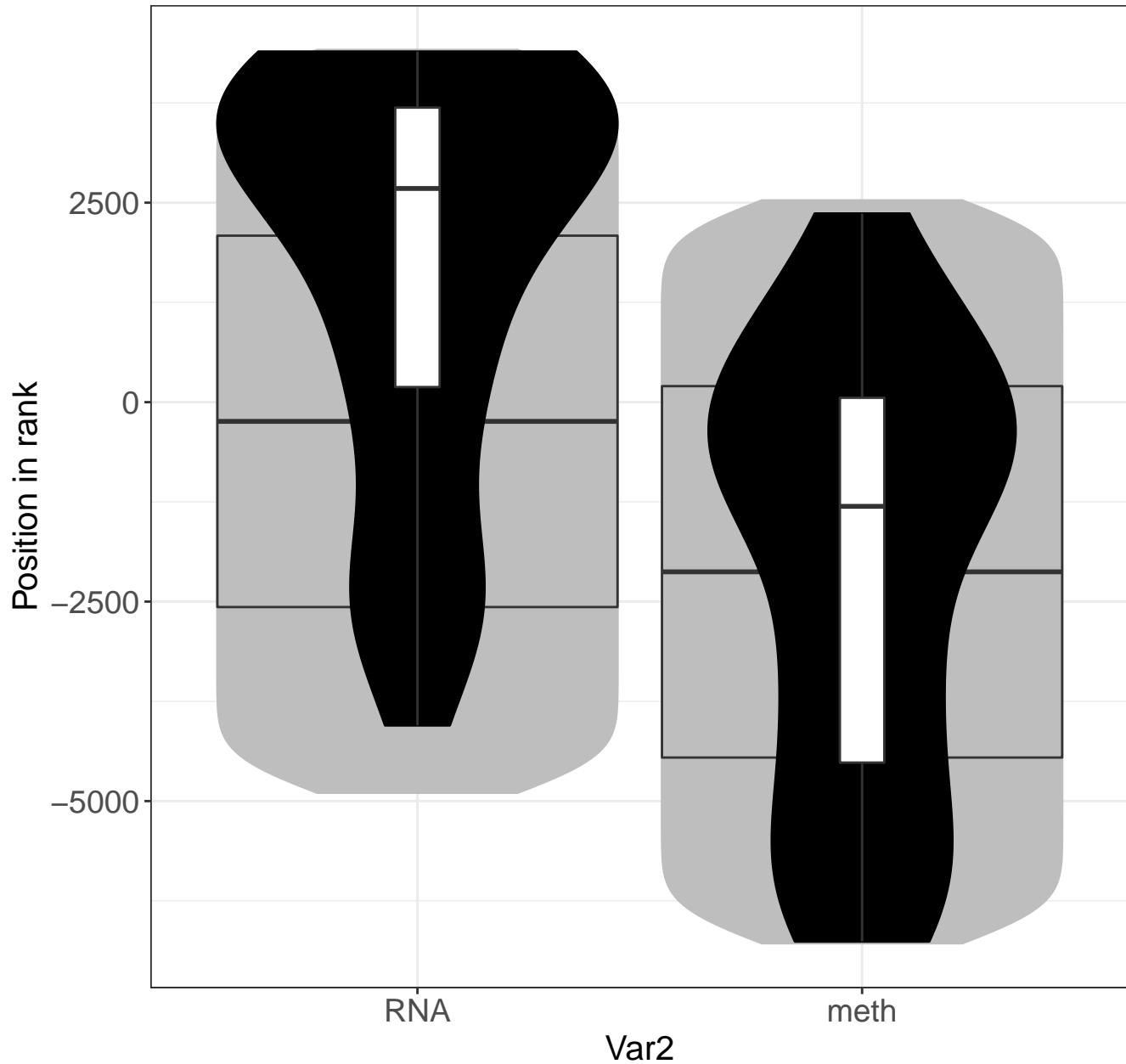
Response to elevated platelet cytosolic Ca²⁺



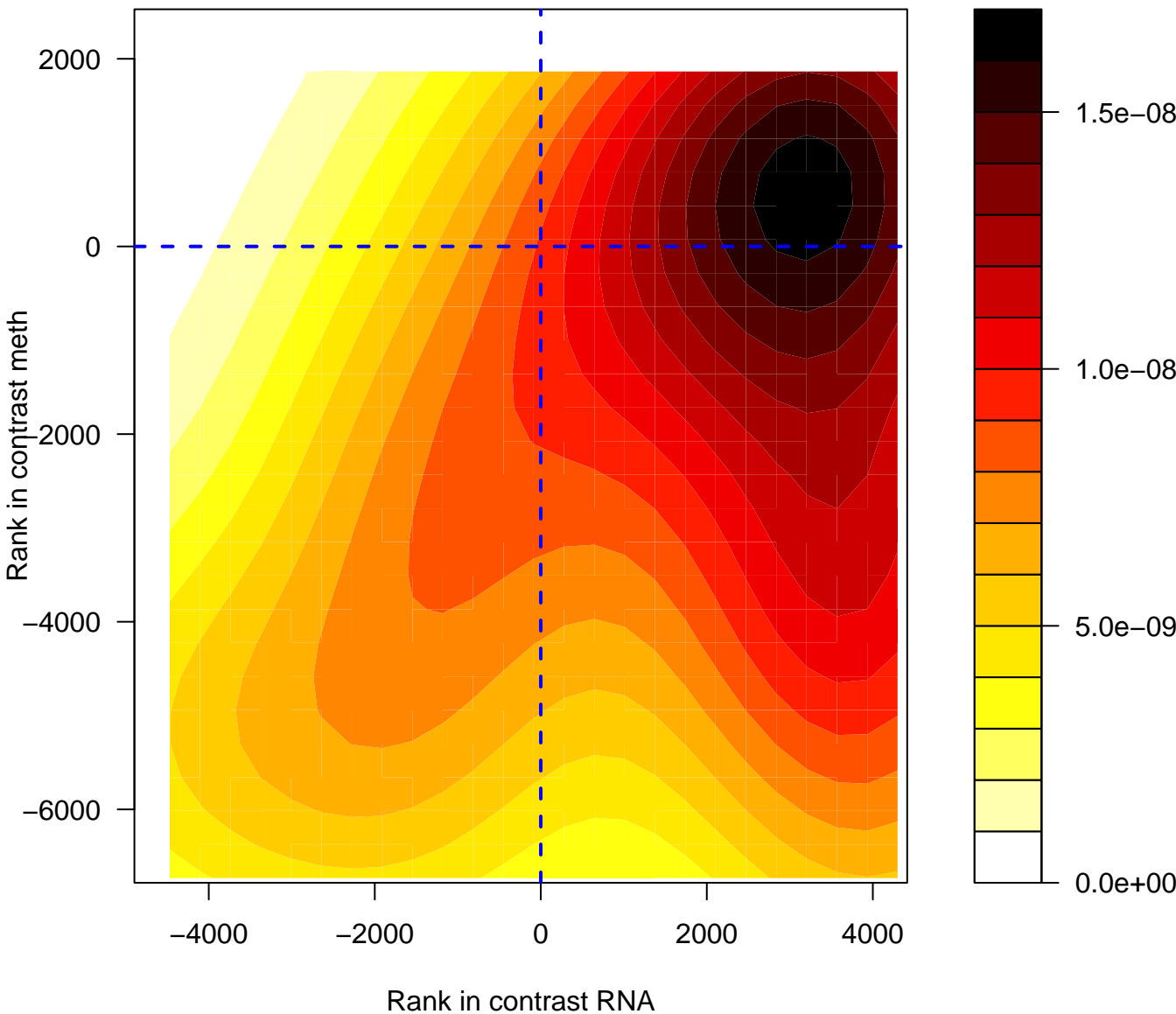
Response to elevated platelet cytosolic Ca²⁺



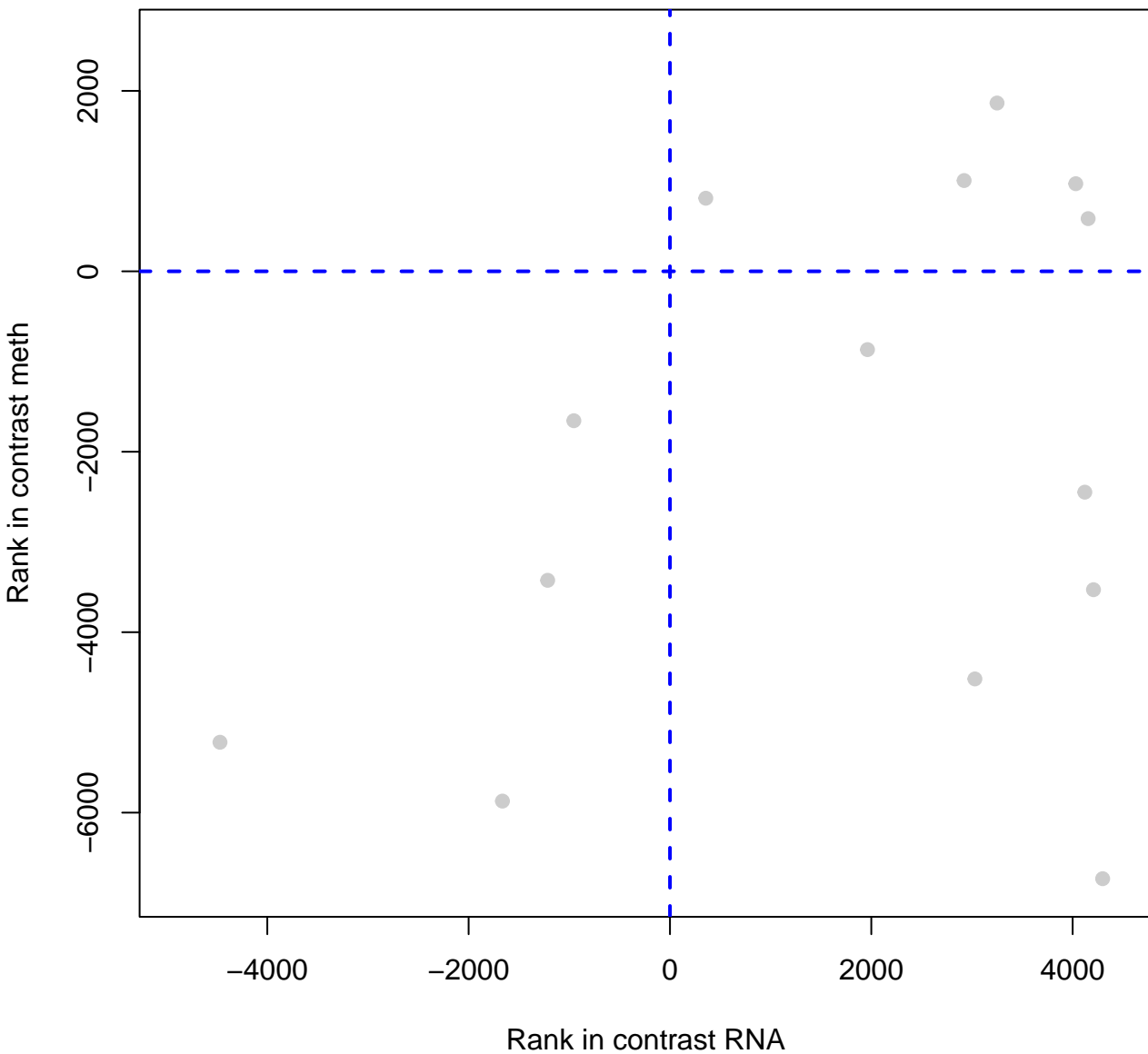
Response to elevated platelet cytosolic Ca²⁺



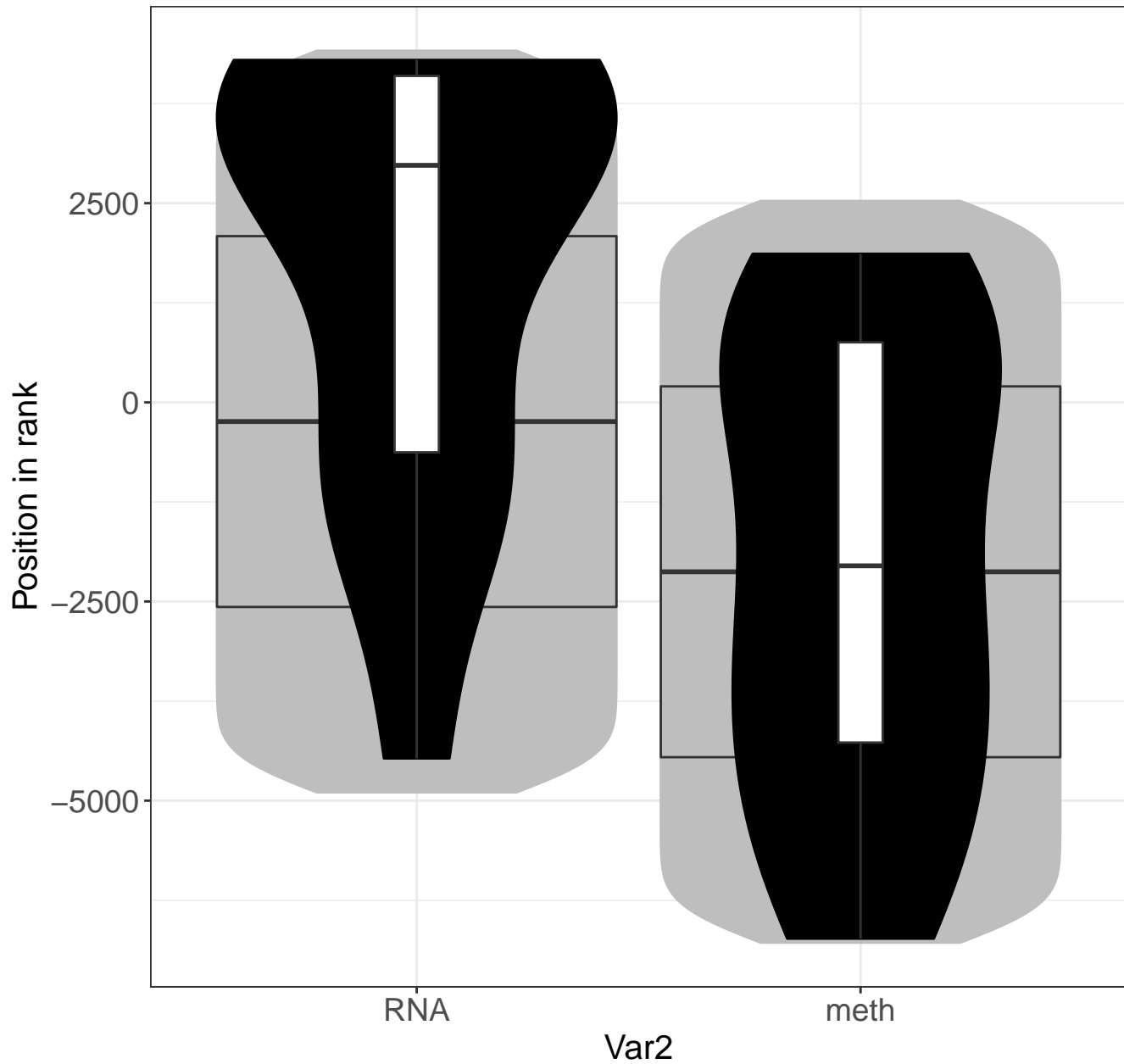
RHO GTPases Activate NADPH Oxidases



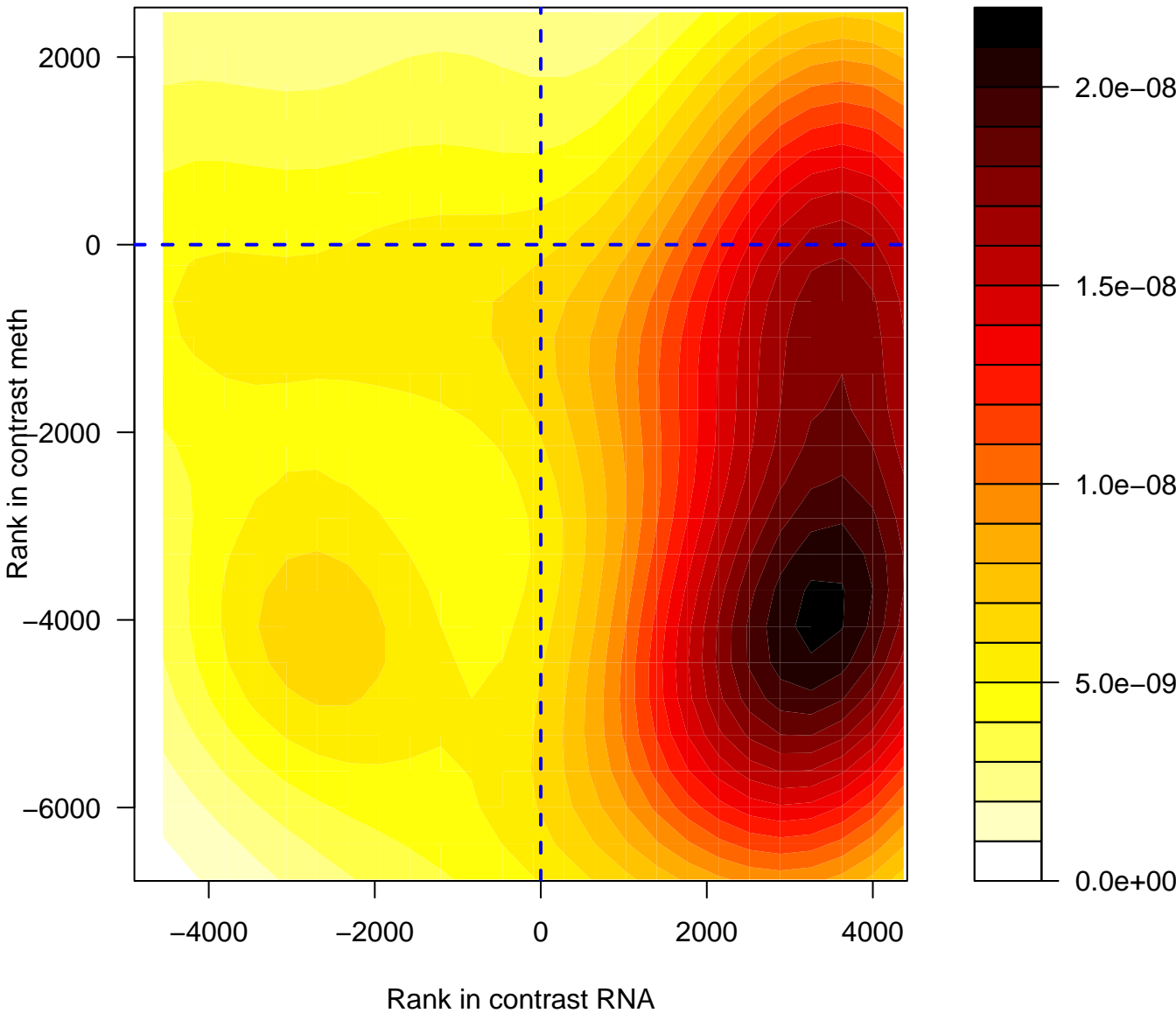
RHO GTPases Activate NADPH Oxidases



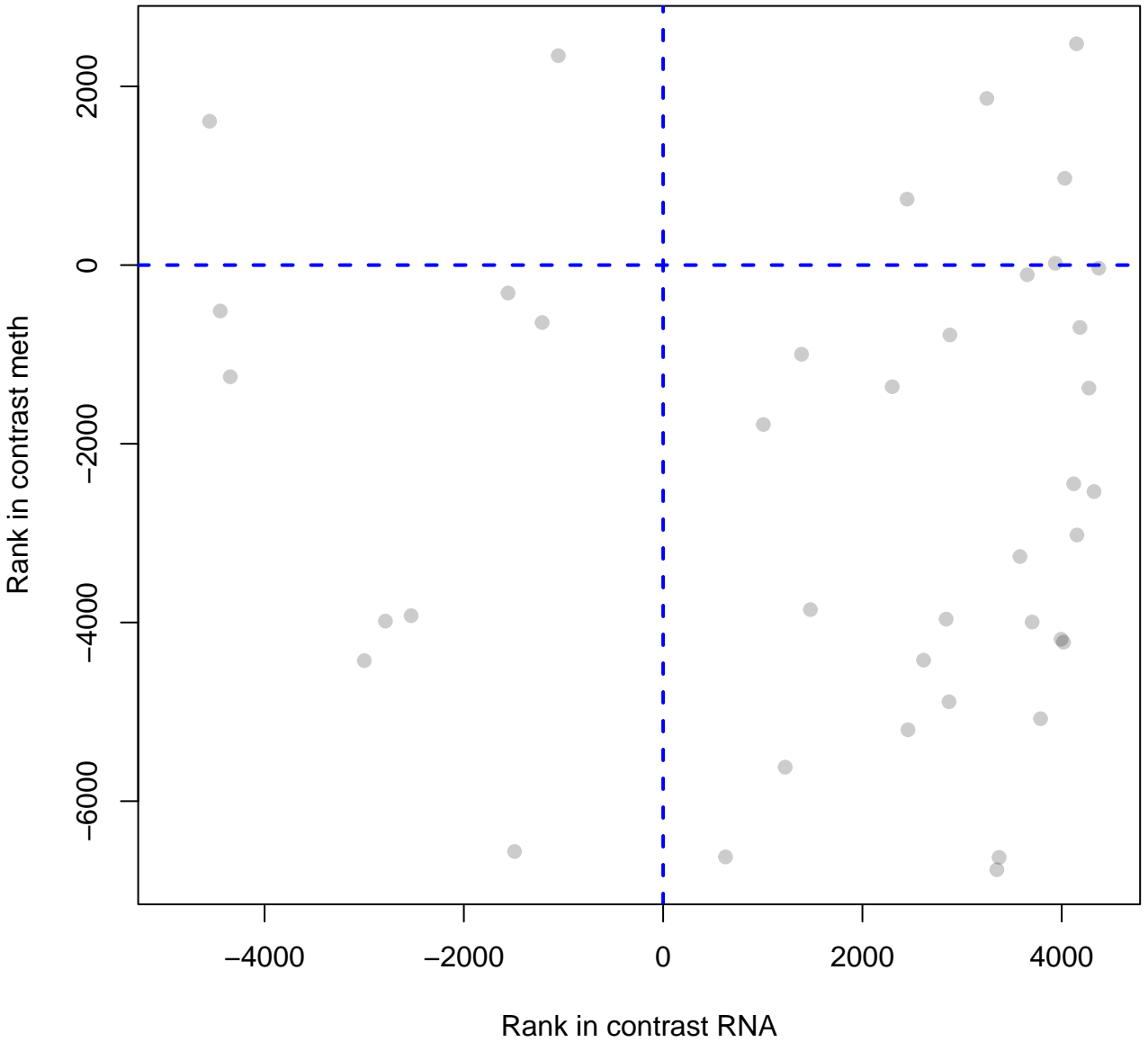
RHO GTPases Activate NADPH Oxidases



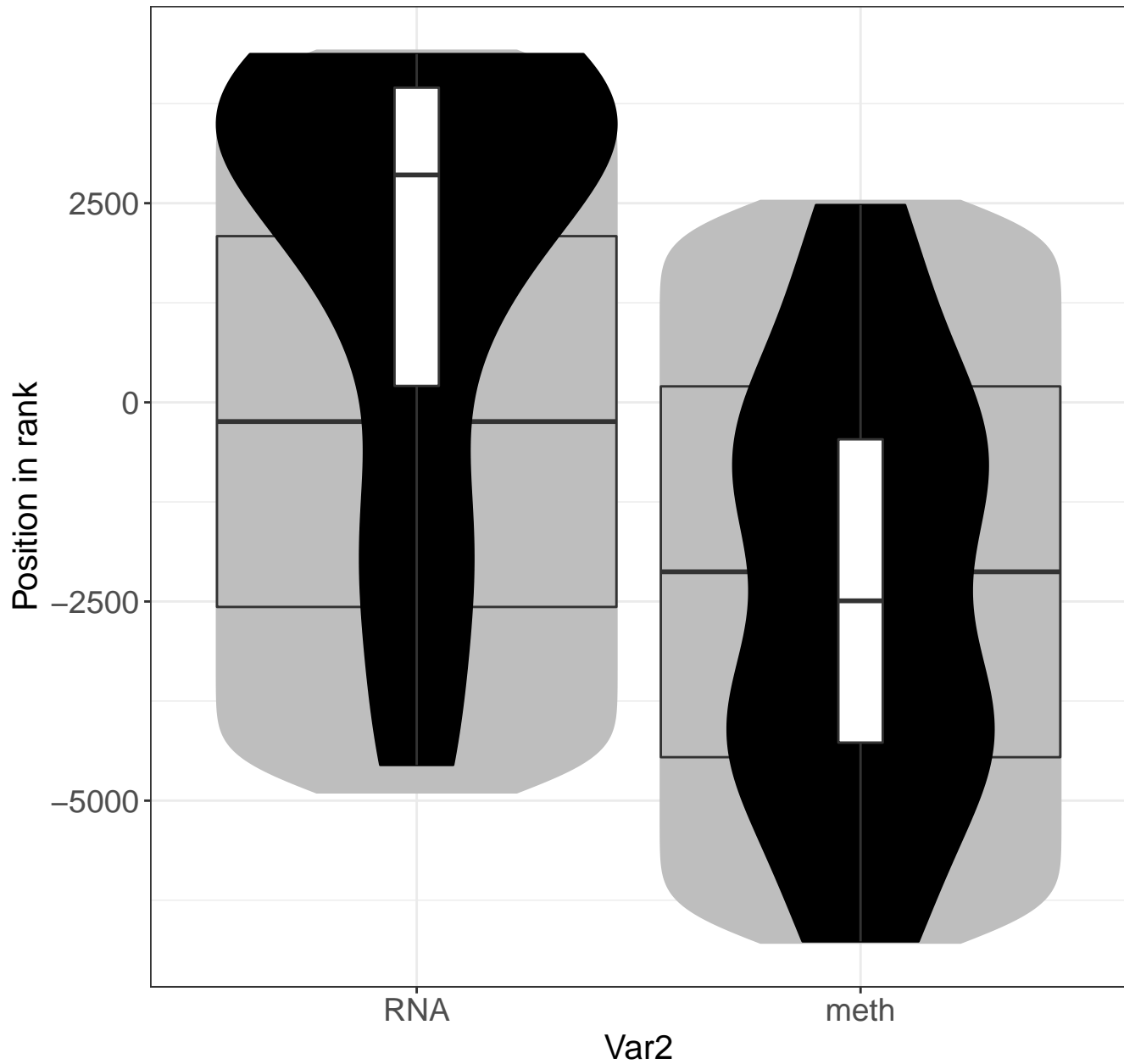
L1CAM interactions



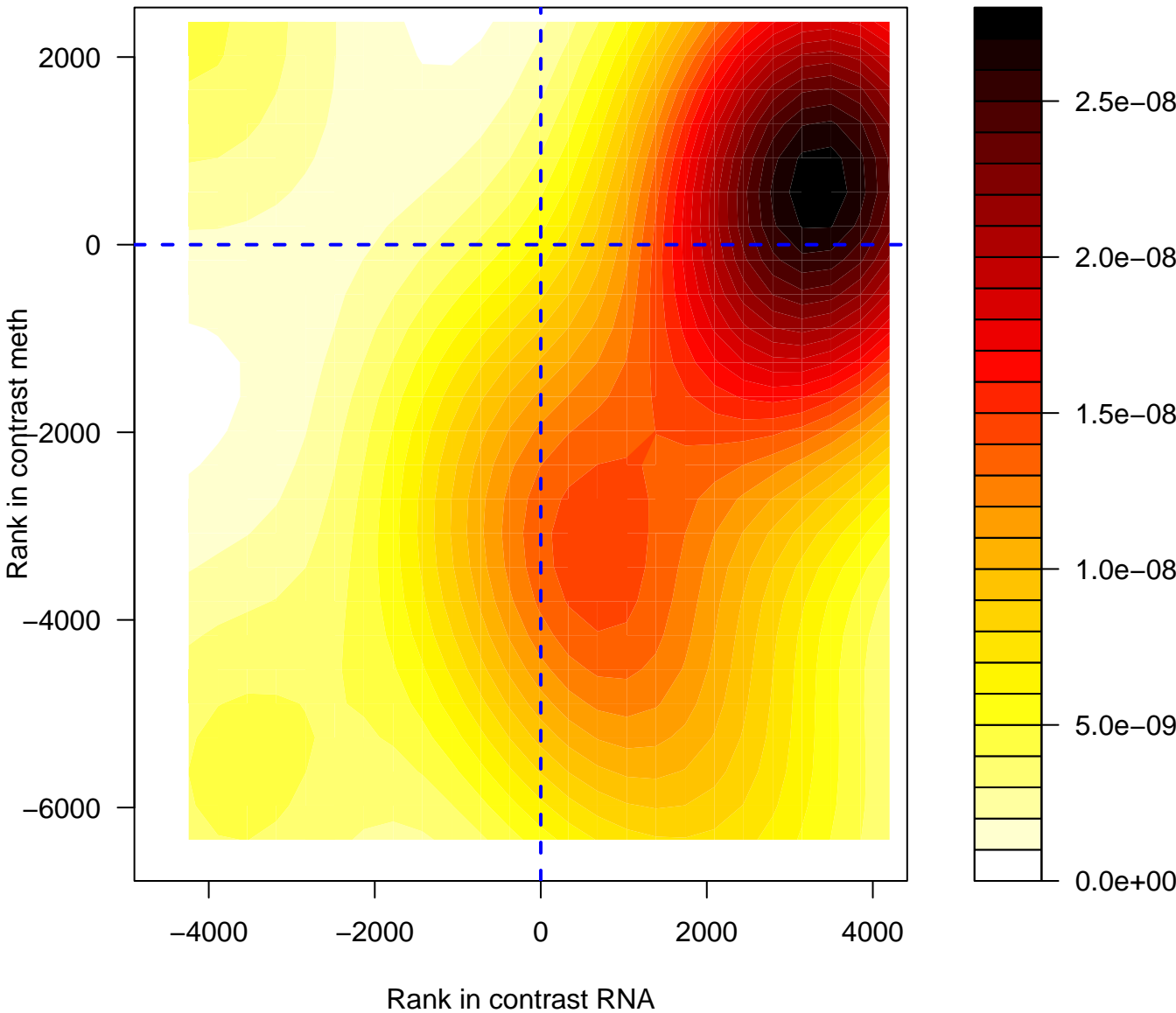
L1CAM interactions



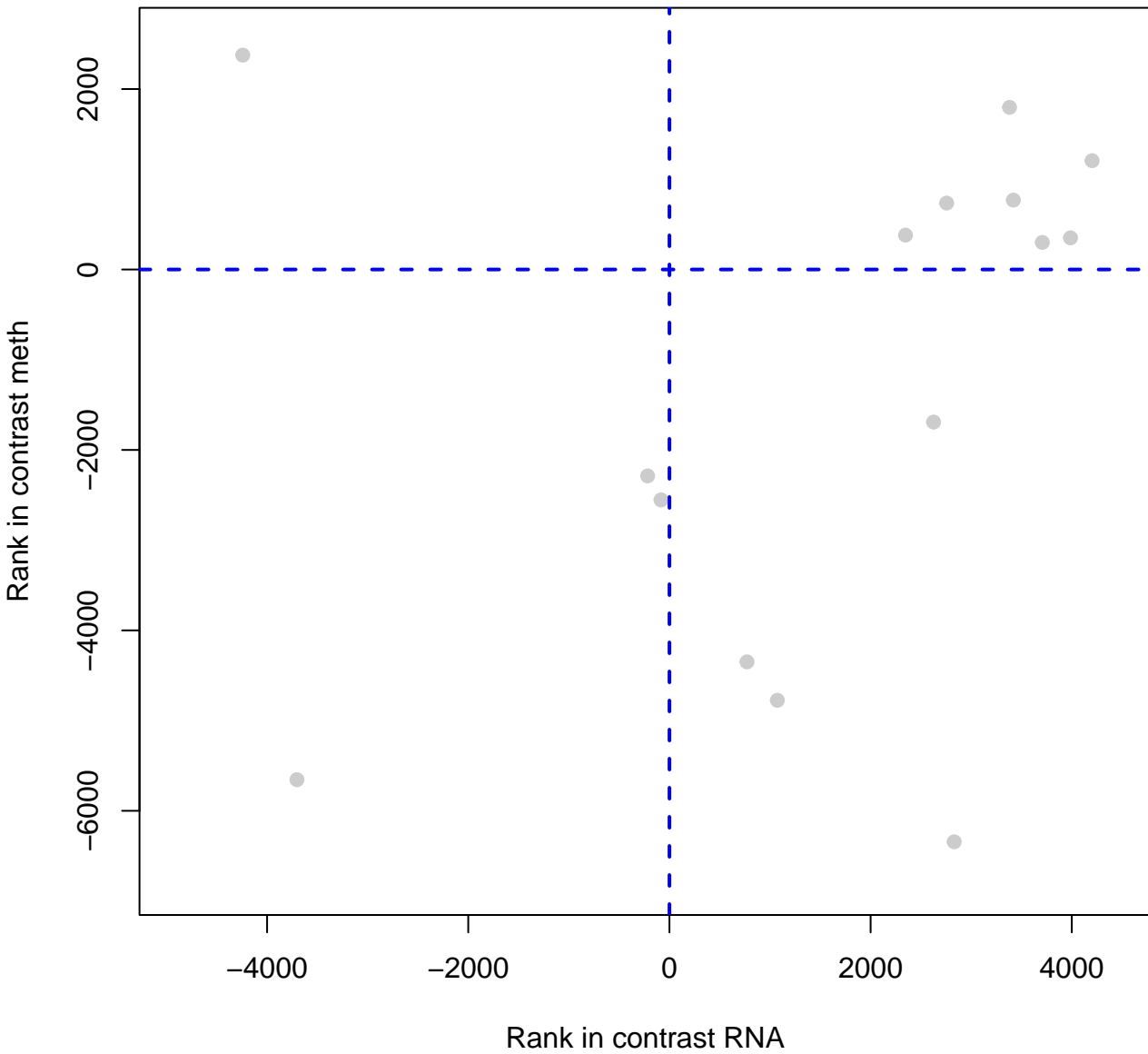
L1CAM interactions



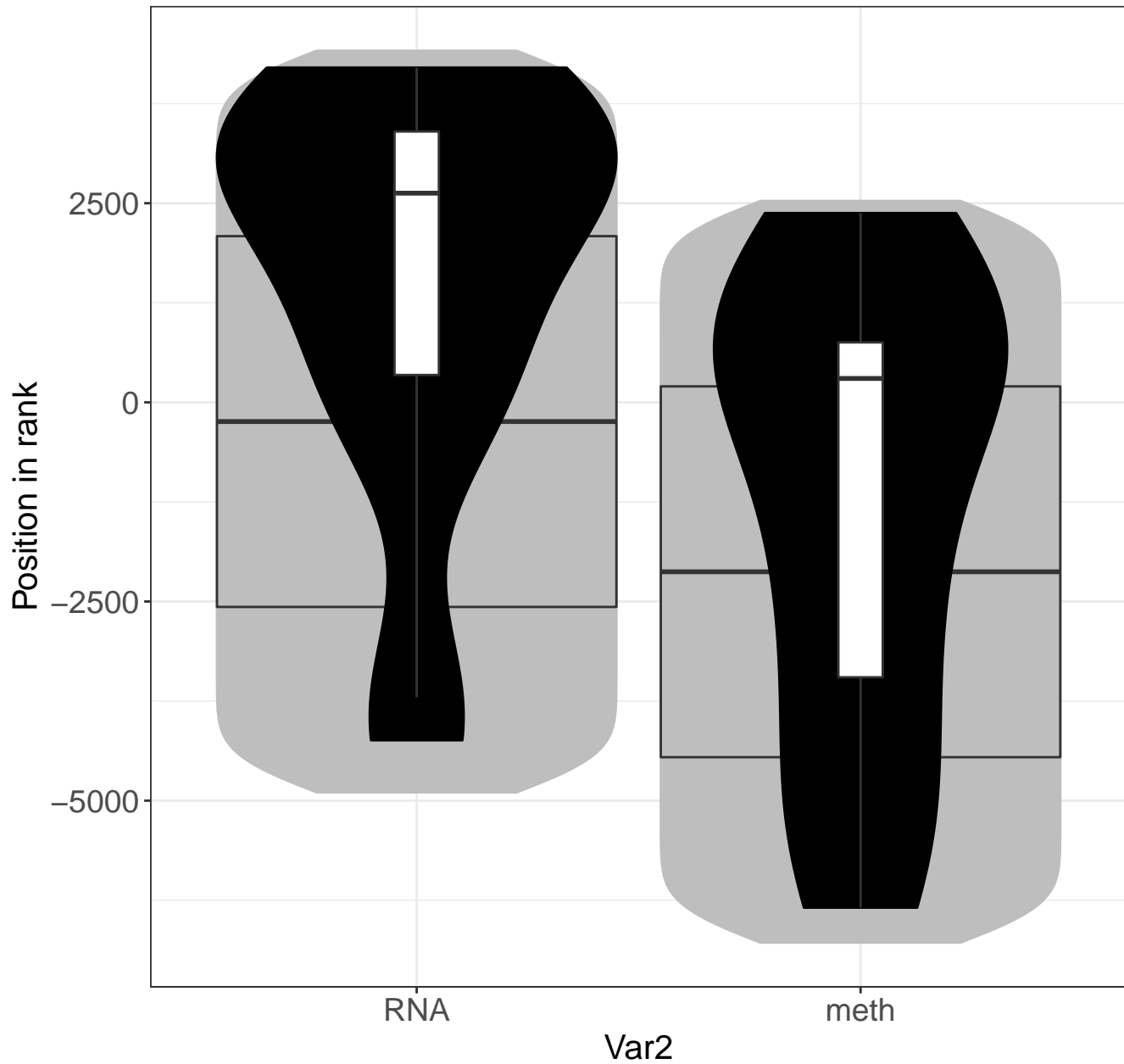
Beta-catenin phosphorylation cascade



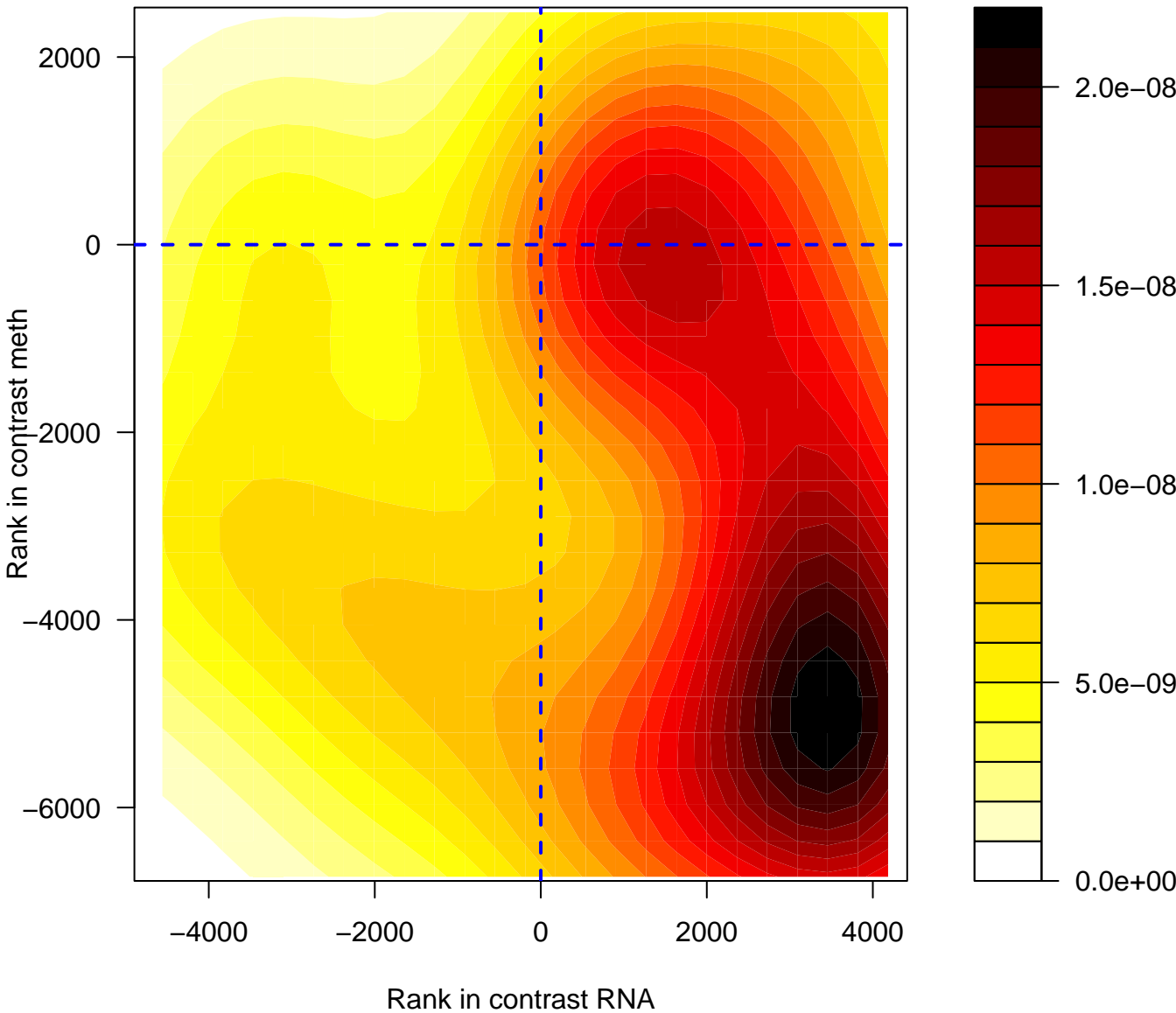
Beta-catenin phosphorylation cascade



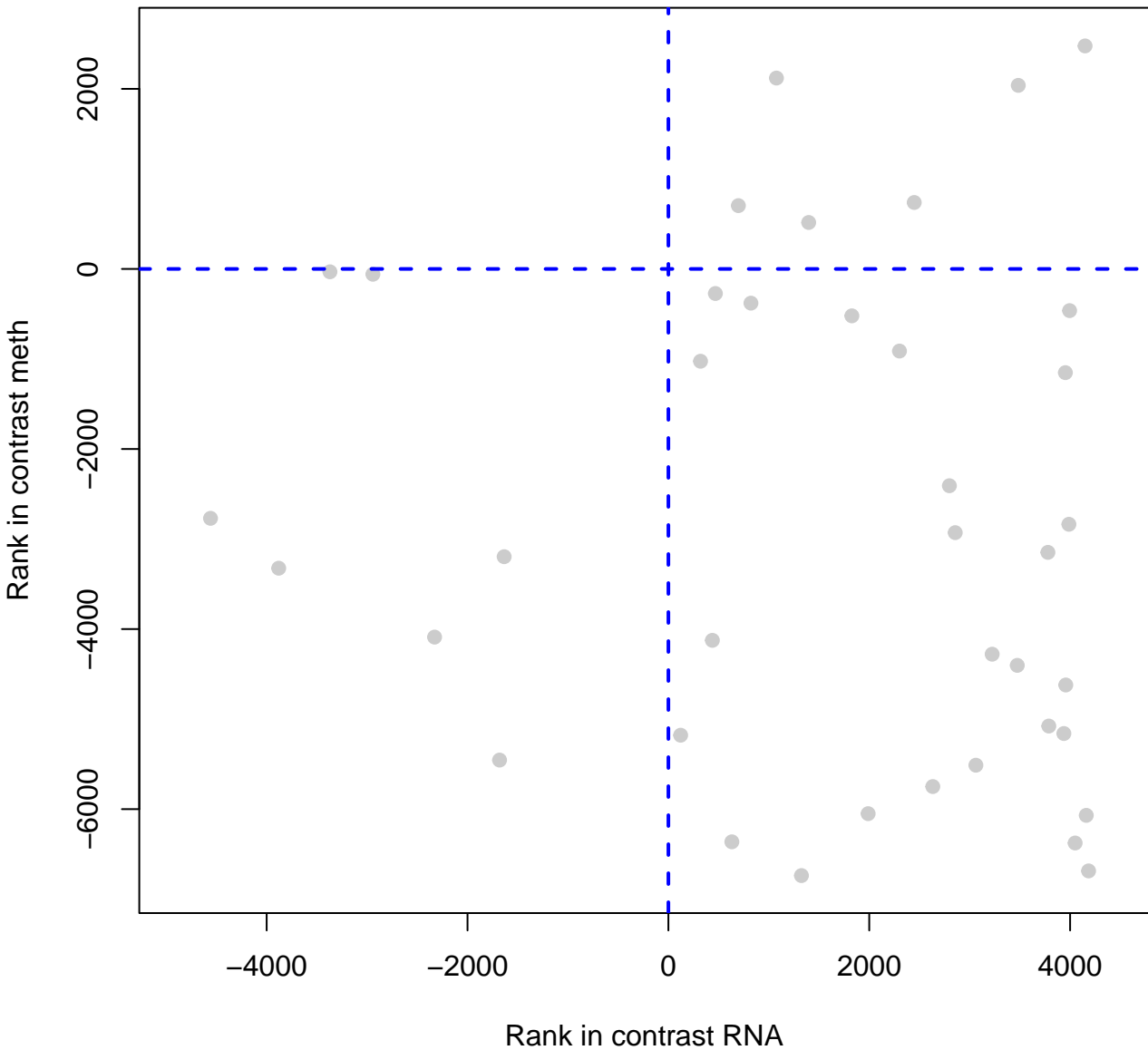
Beta-catenin phosphorylation cascade



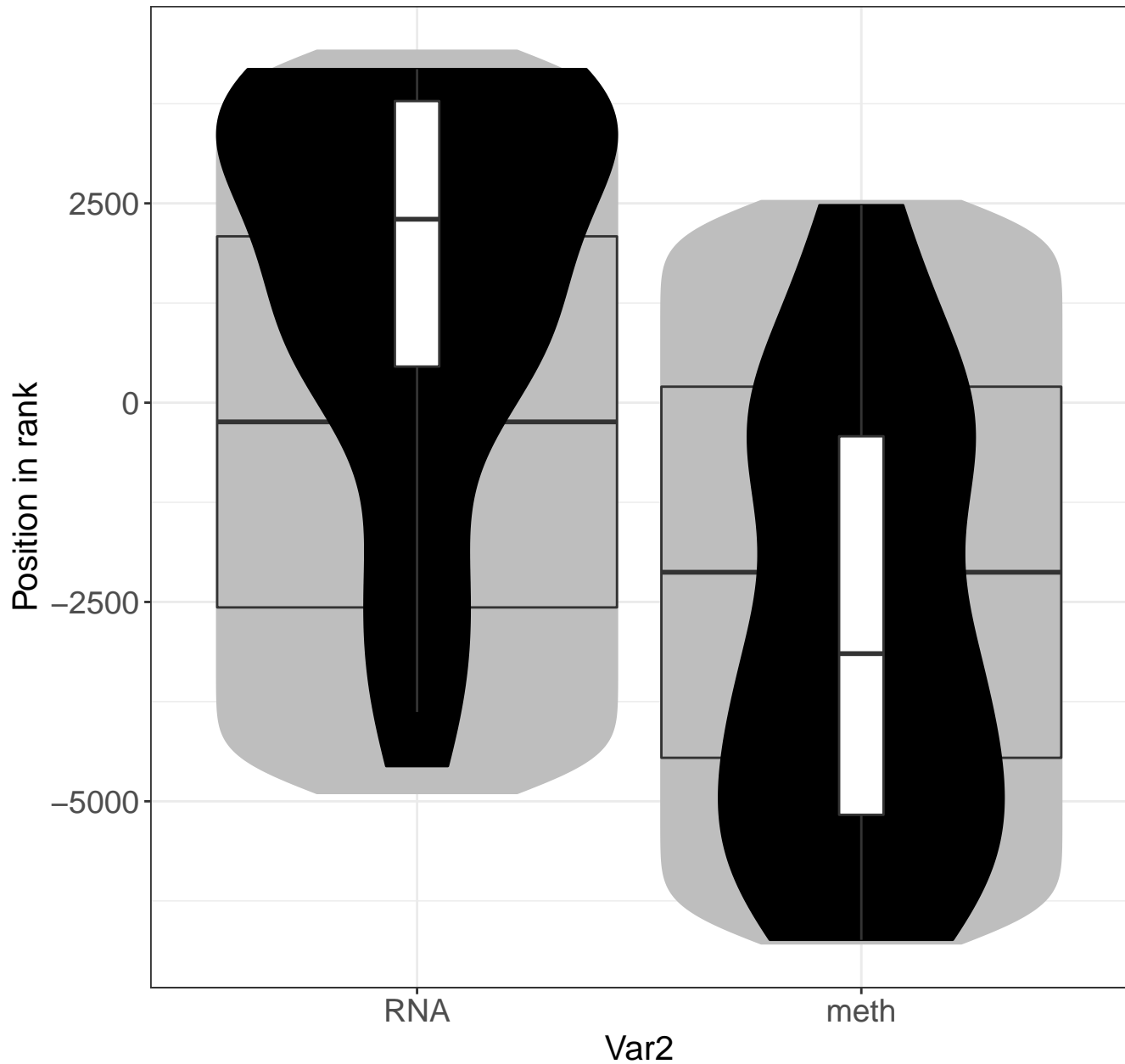
Golgi Associated Vesicle Biogenesis



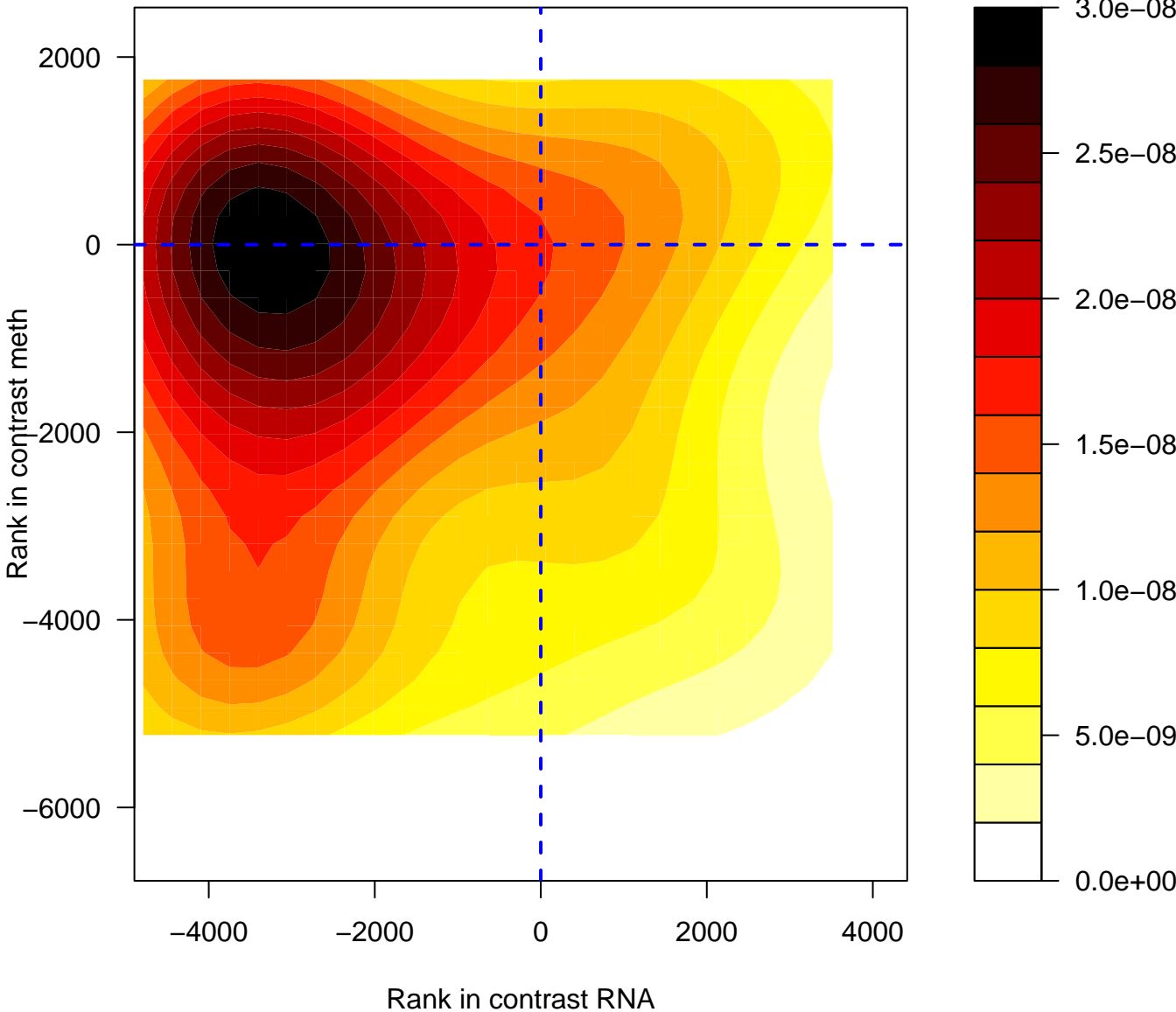
Golgi Associated Vesicle Biogenesis



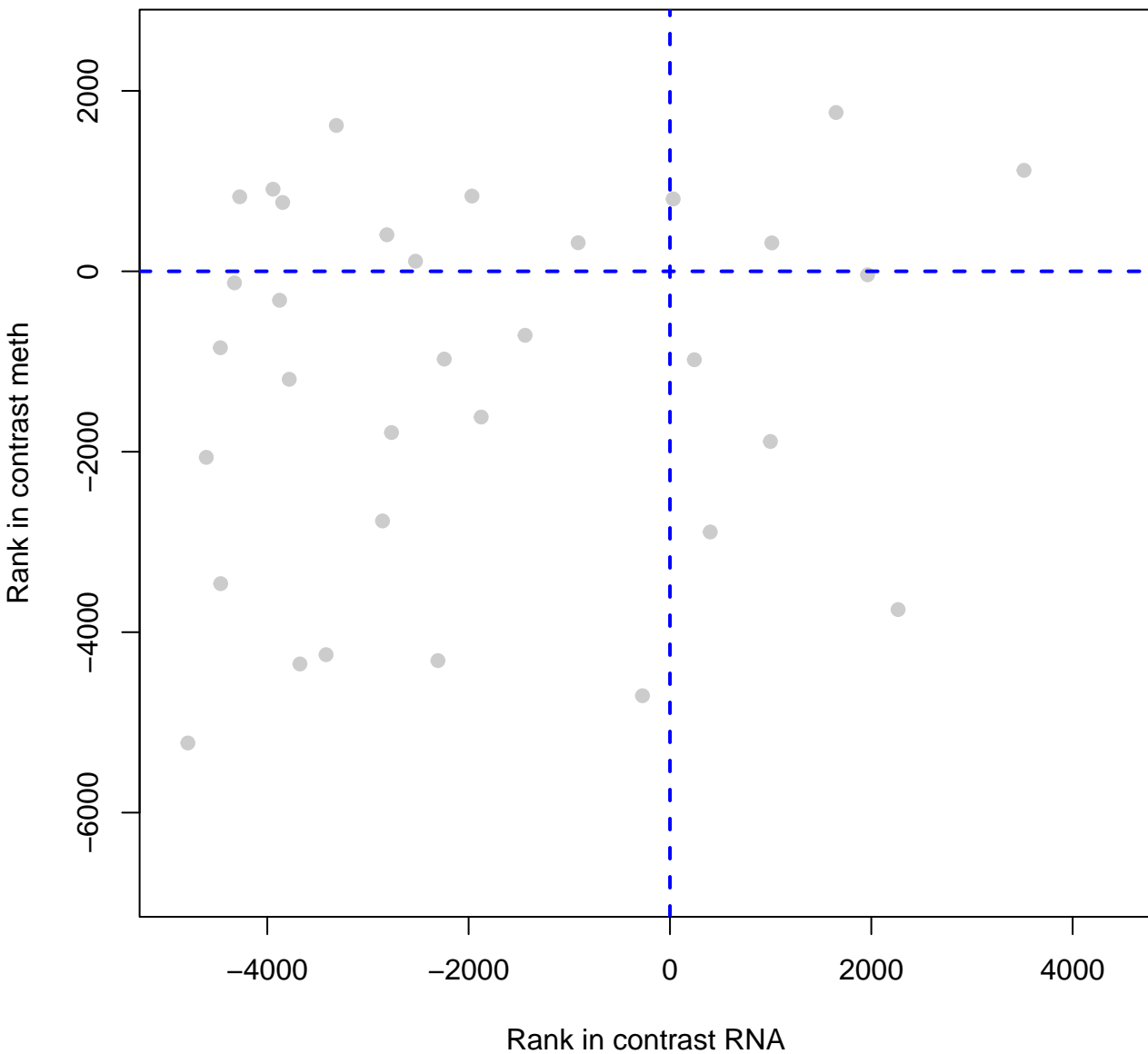
Golgi Associated Vesicle Biogenesis



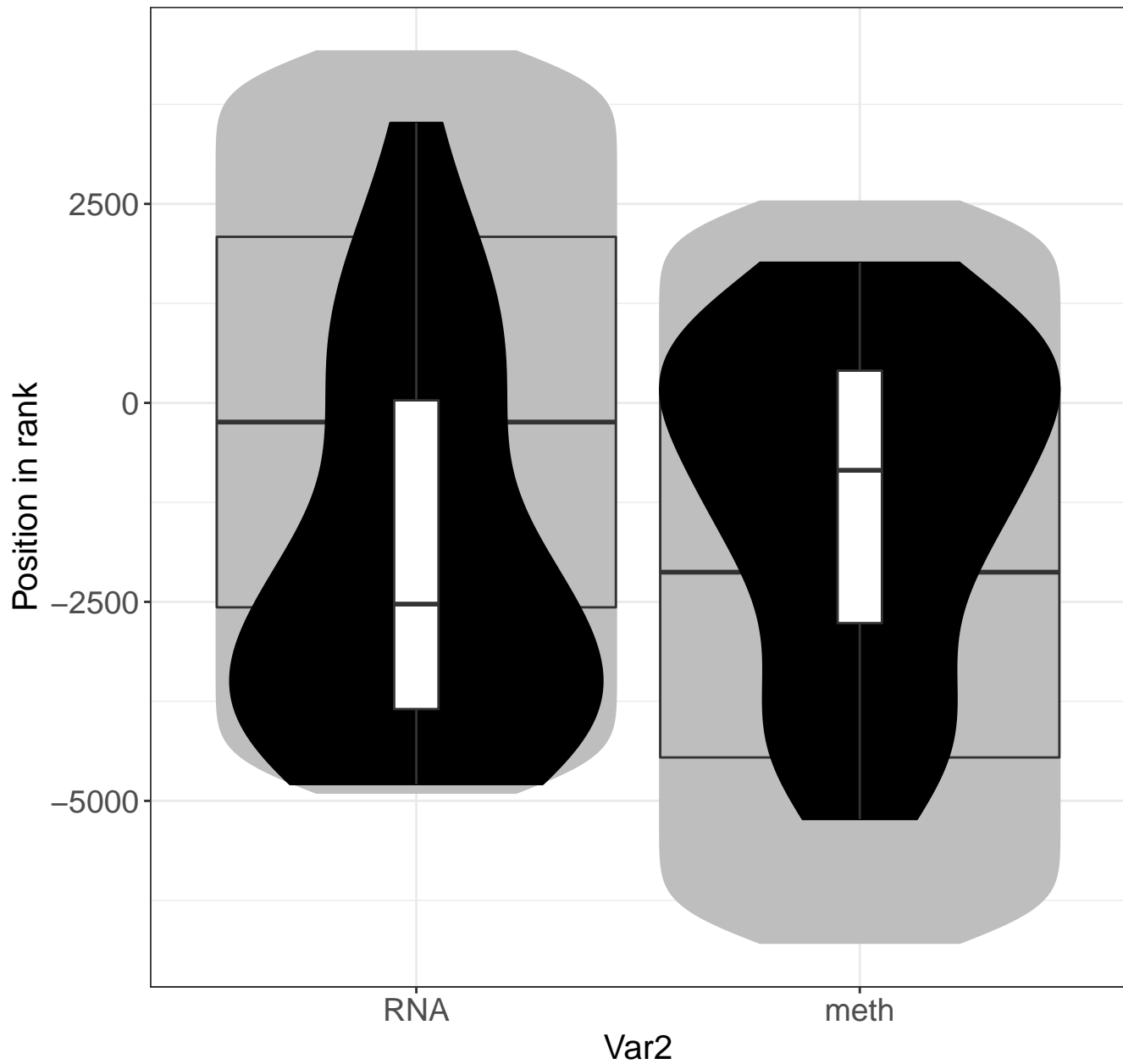
Interactions of Vpr with host cellular proteins



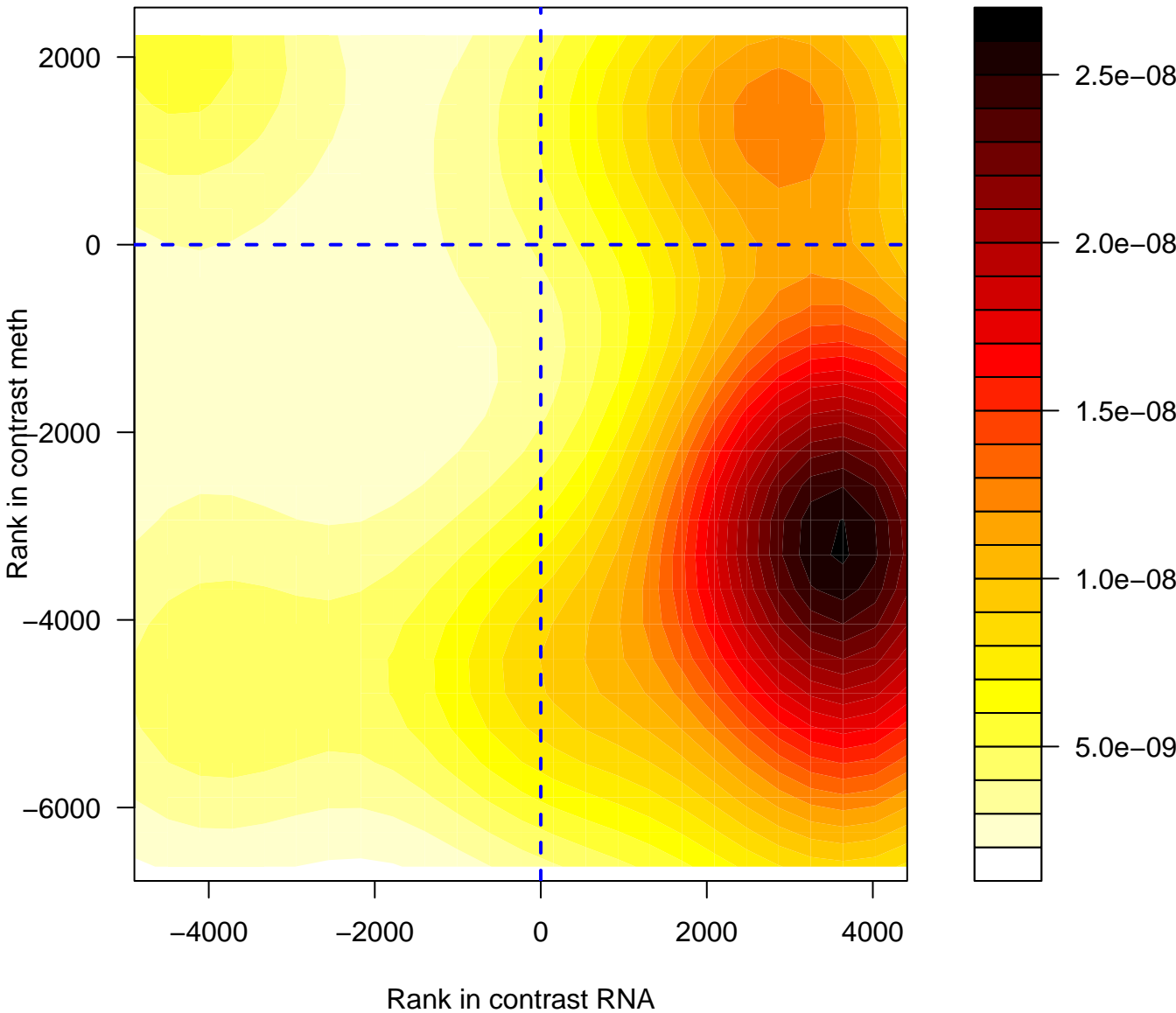
Interactions of Vpr with host cellular proteins



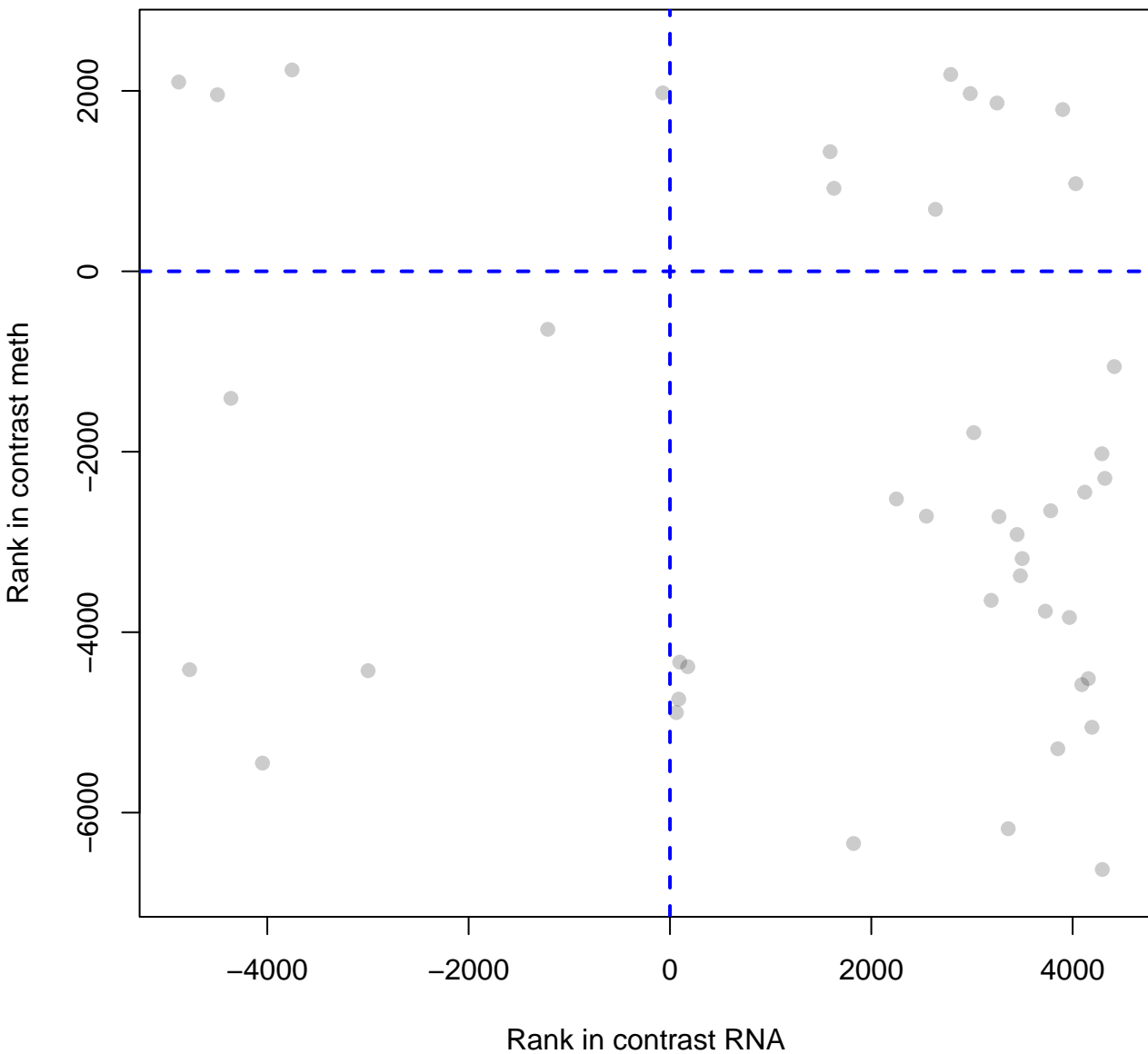
Interactions of Vpr with host cellular proteins



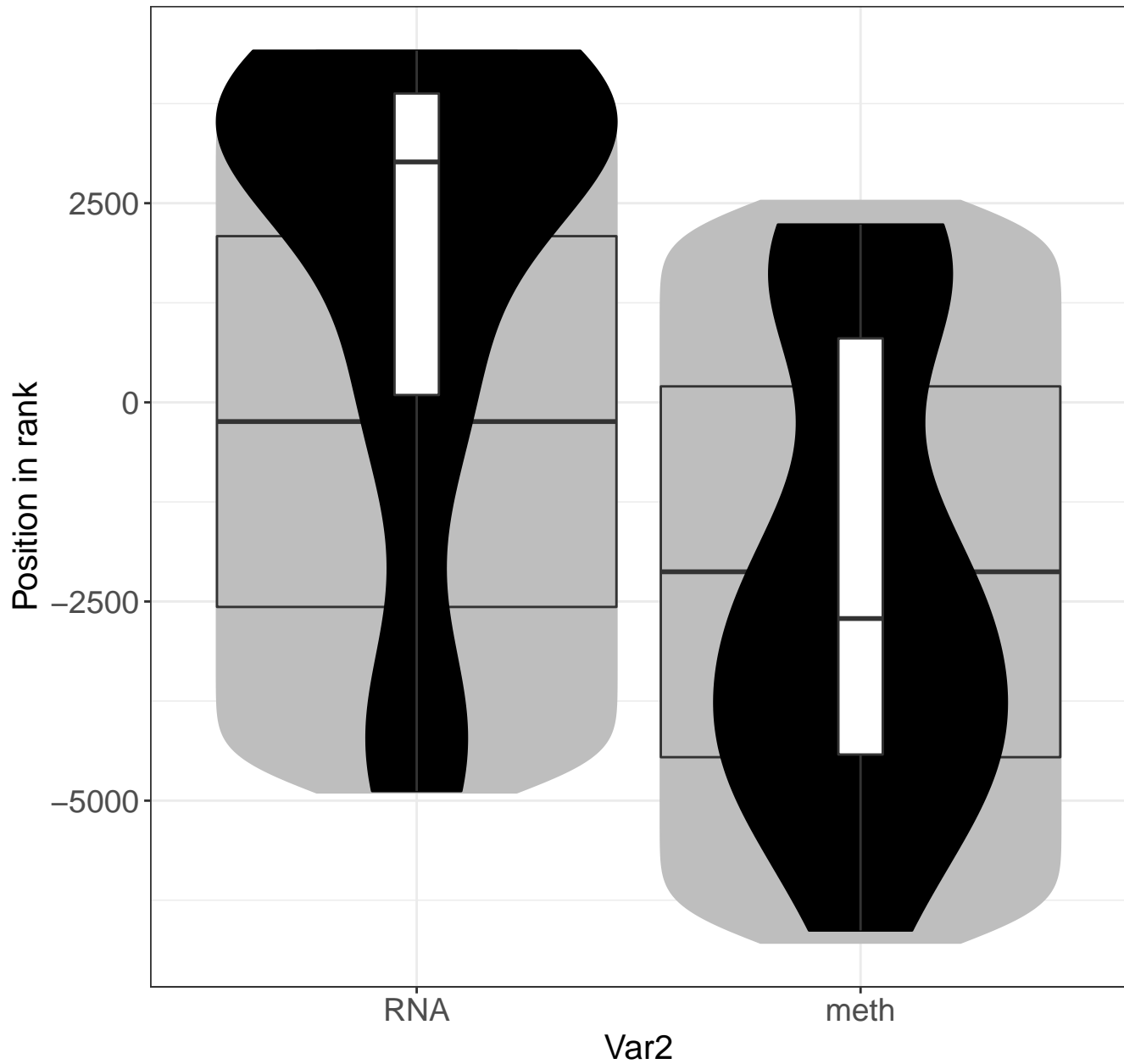
FCGR3A-mediated phagocytosis



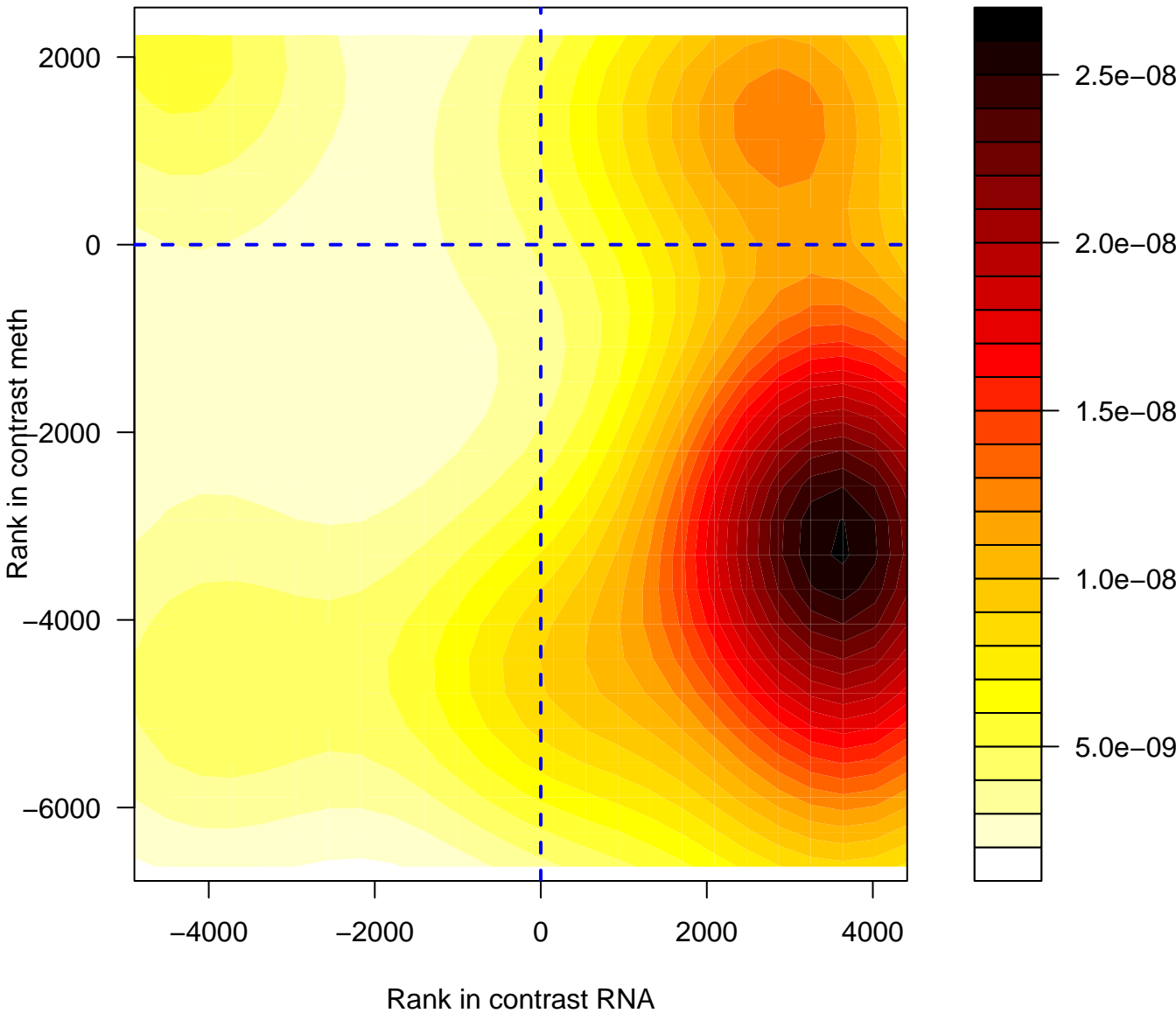
FCGR3A-mediated phagocytosis



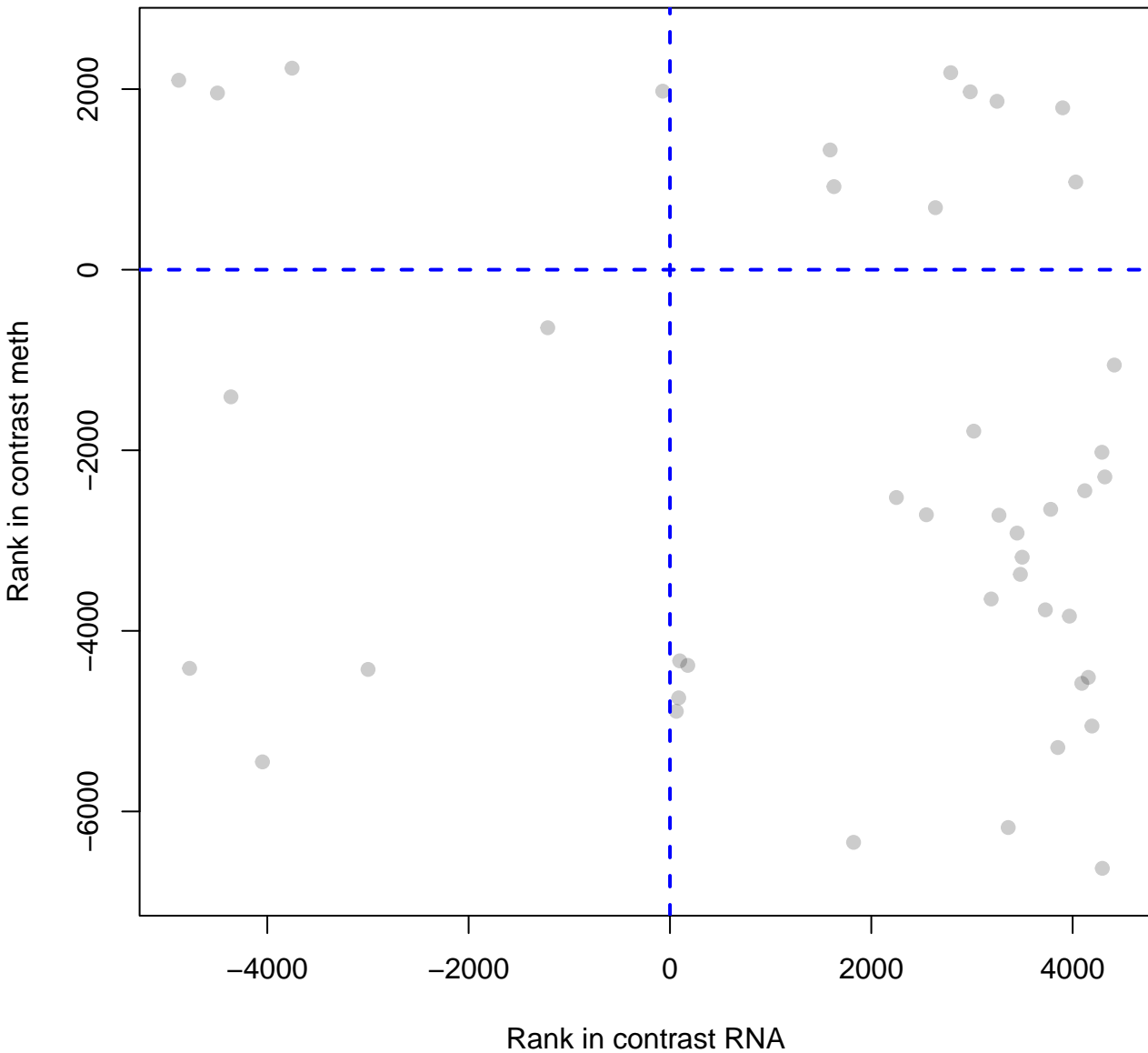
FCGR3A-mediated phagocytosis



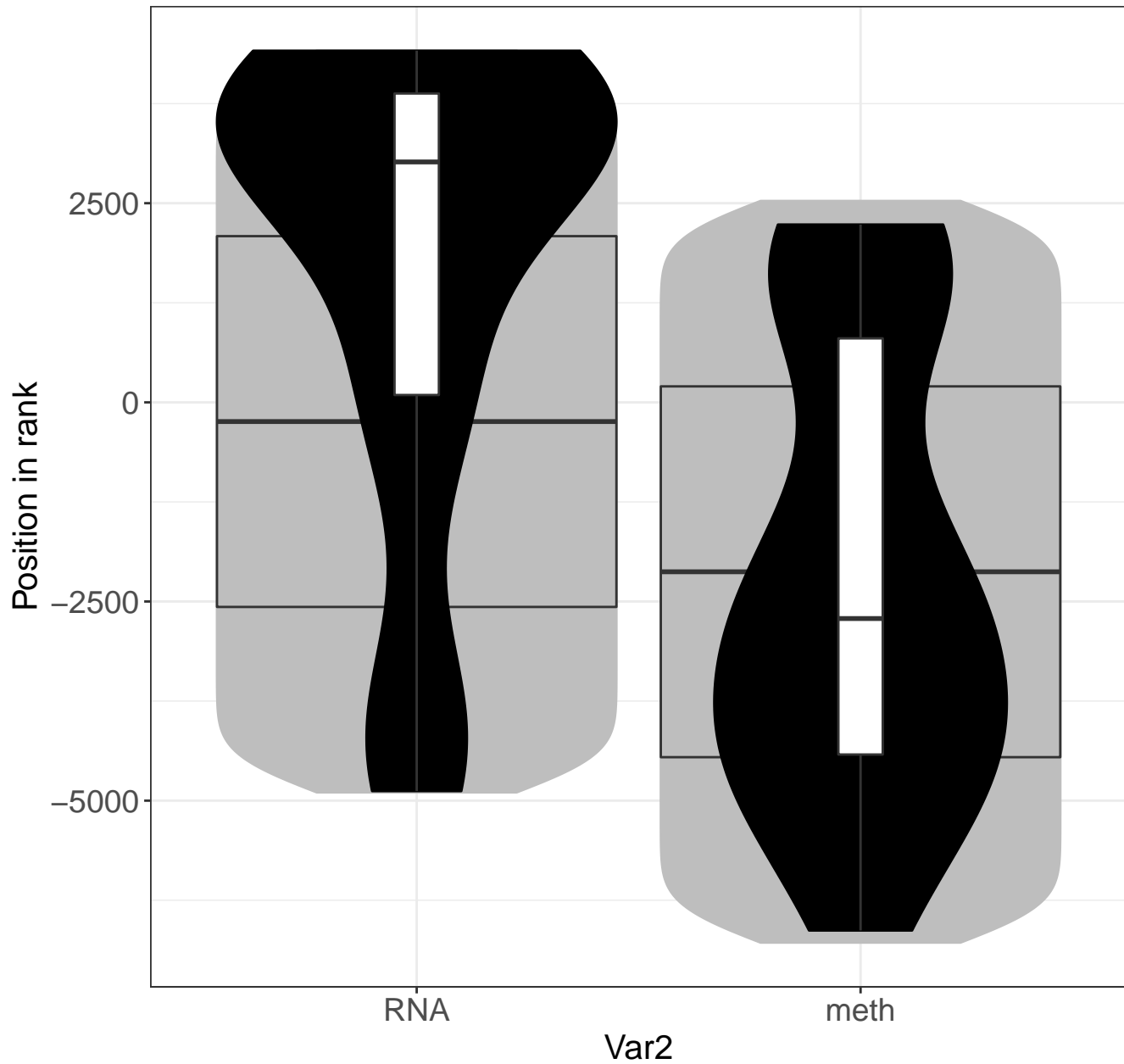
Leishmania phagocytosis



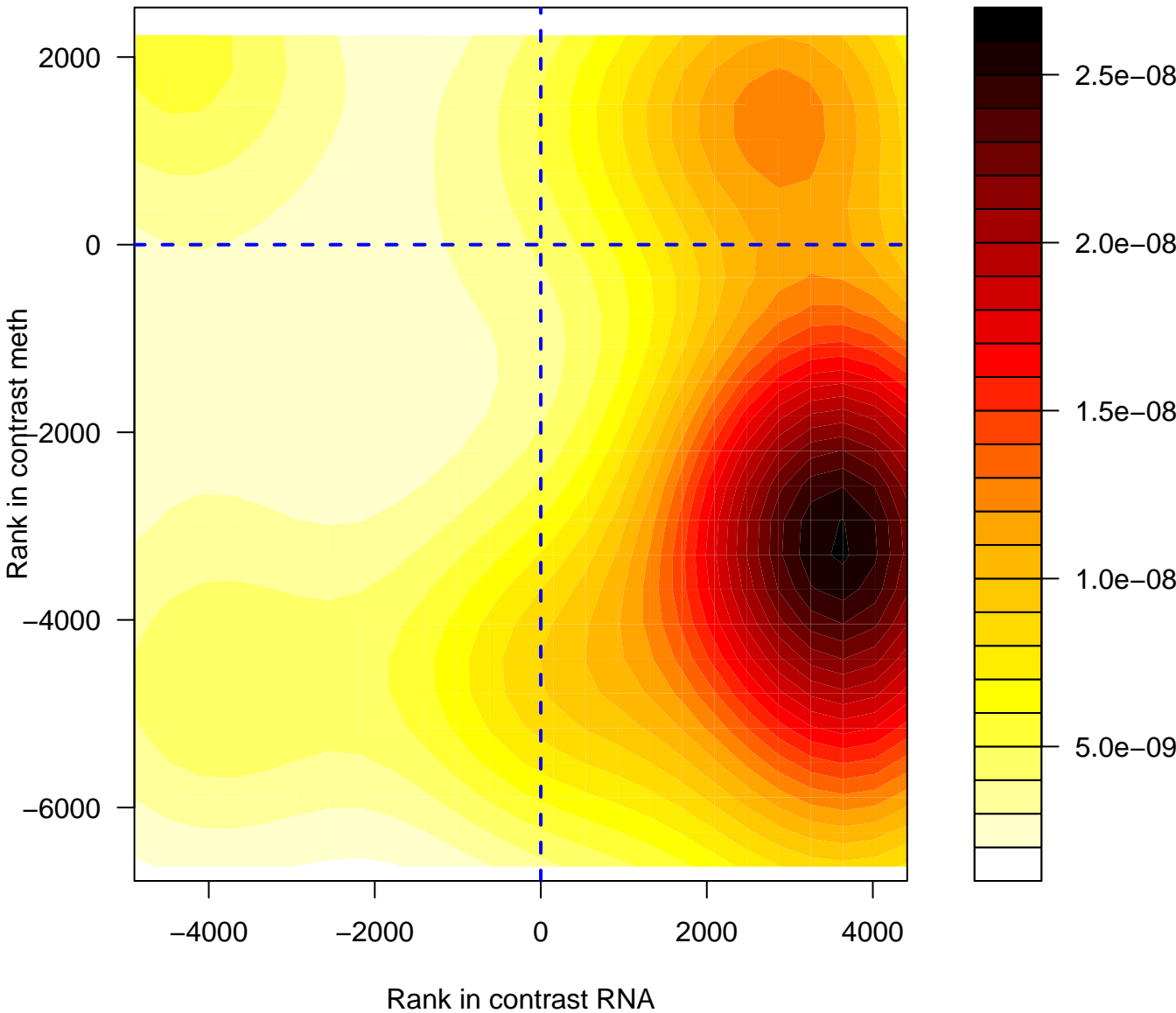
Leishmania phagocytosis



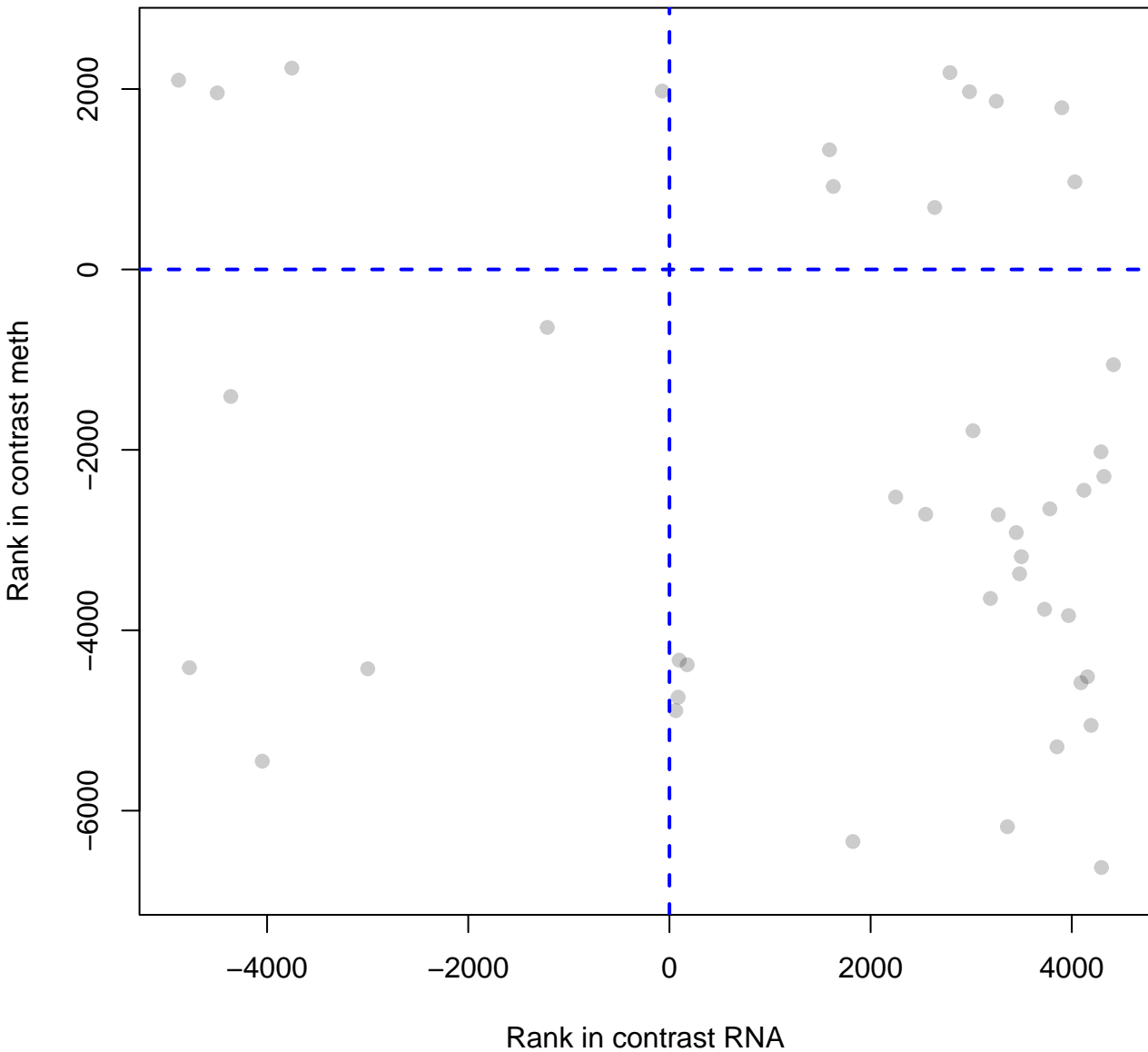
Leishmania phagocytosis



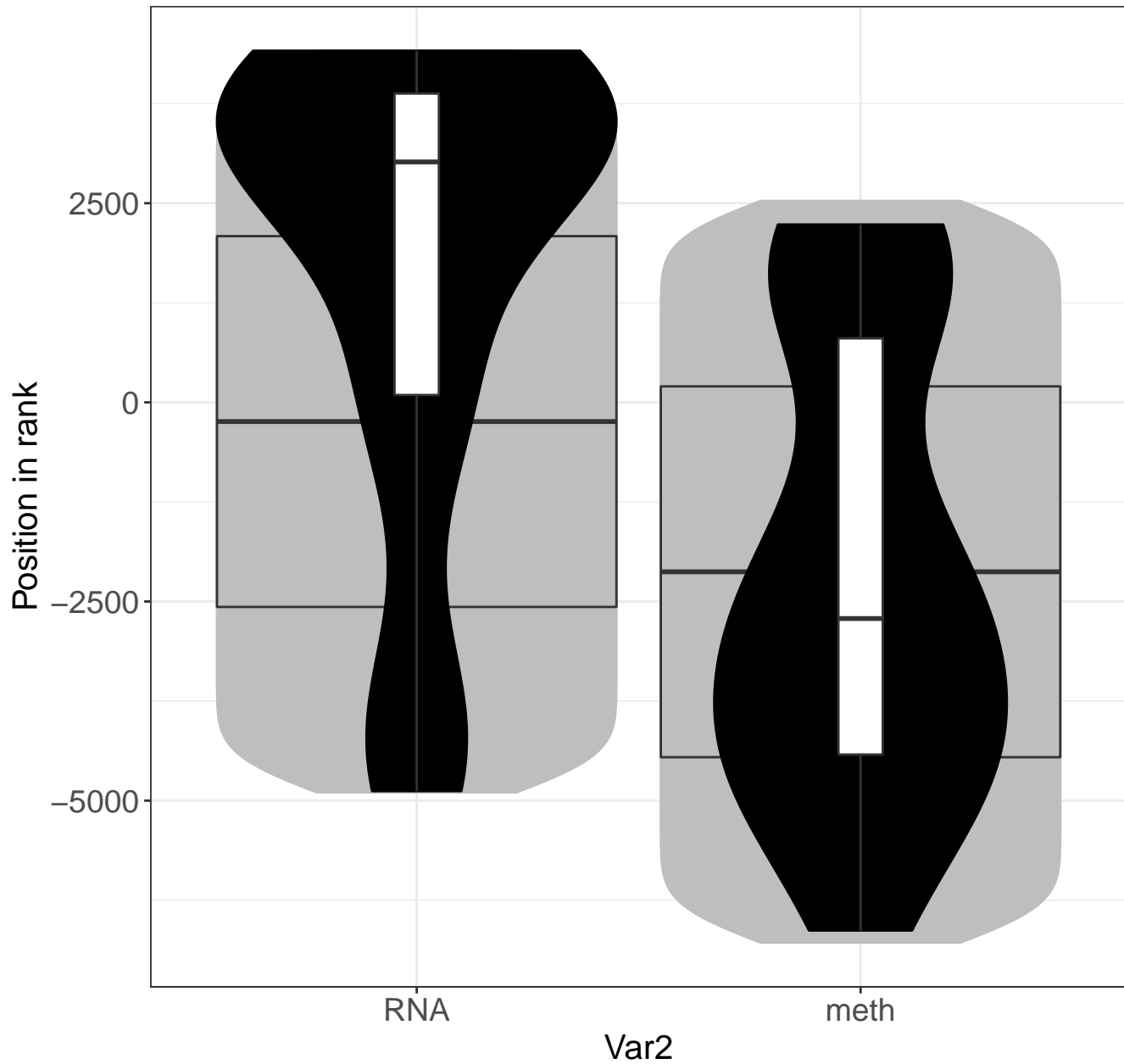
Parasite infection



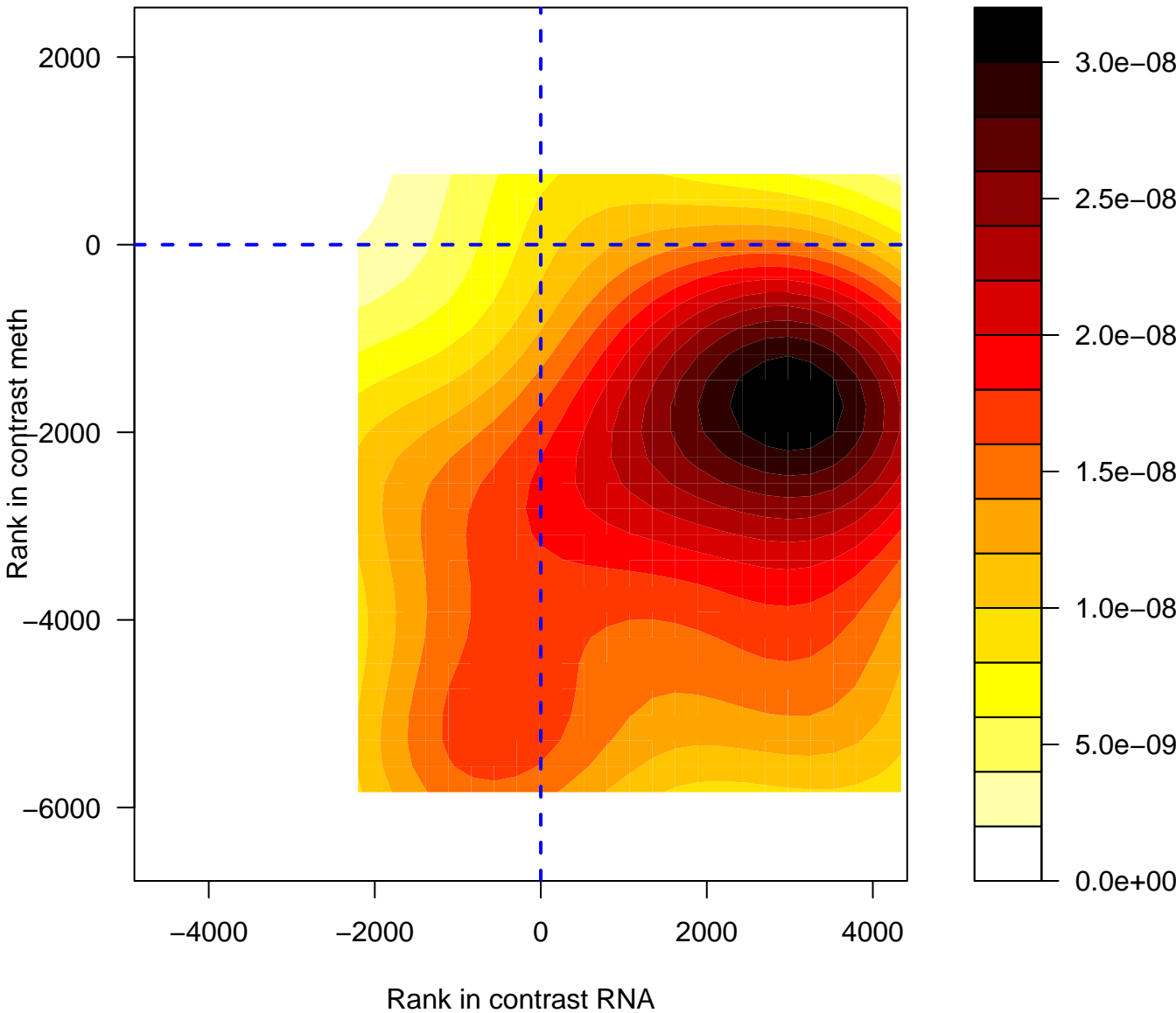
Parasite infection



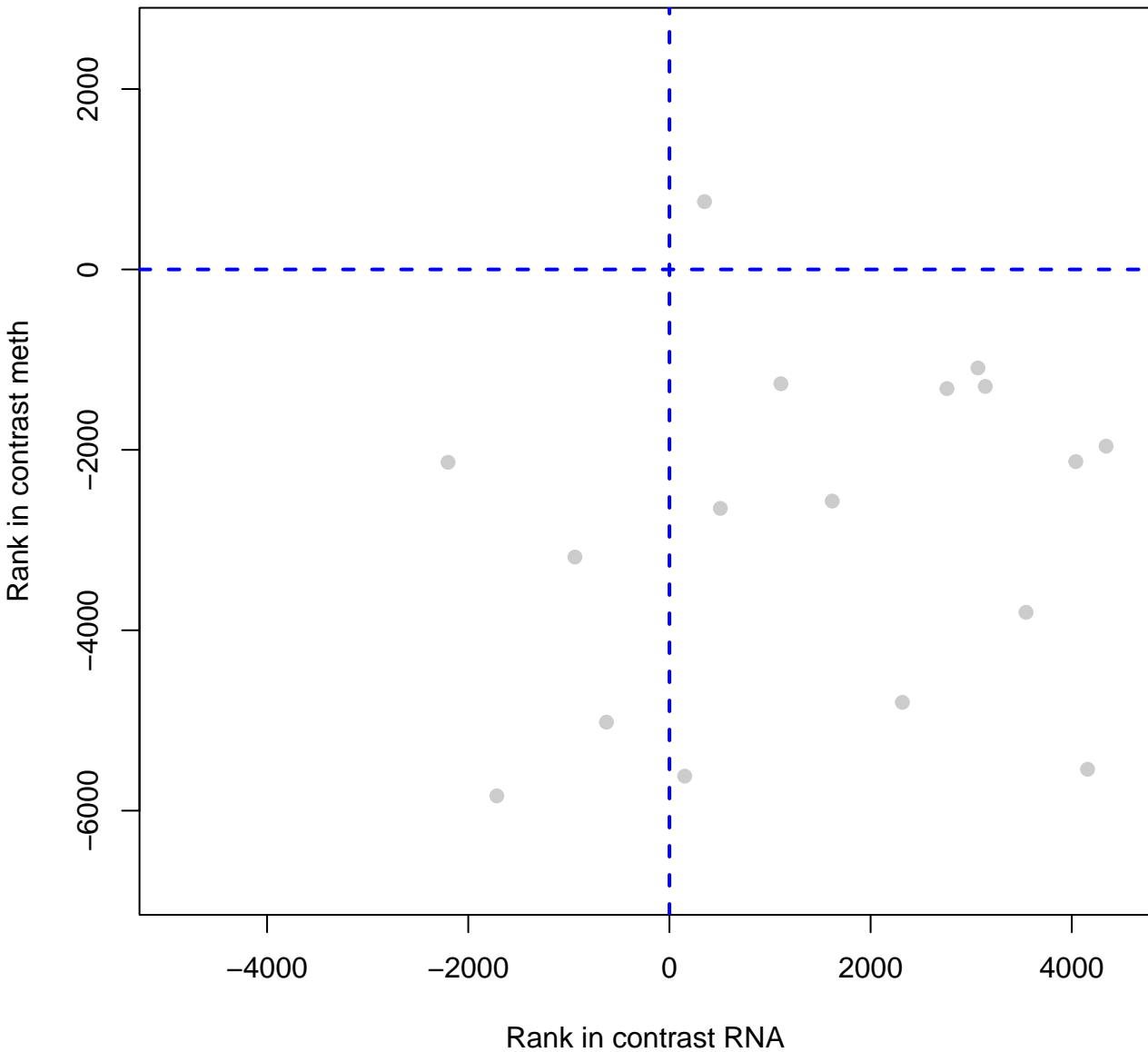
Parasite infection



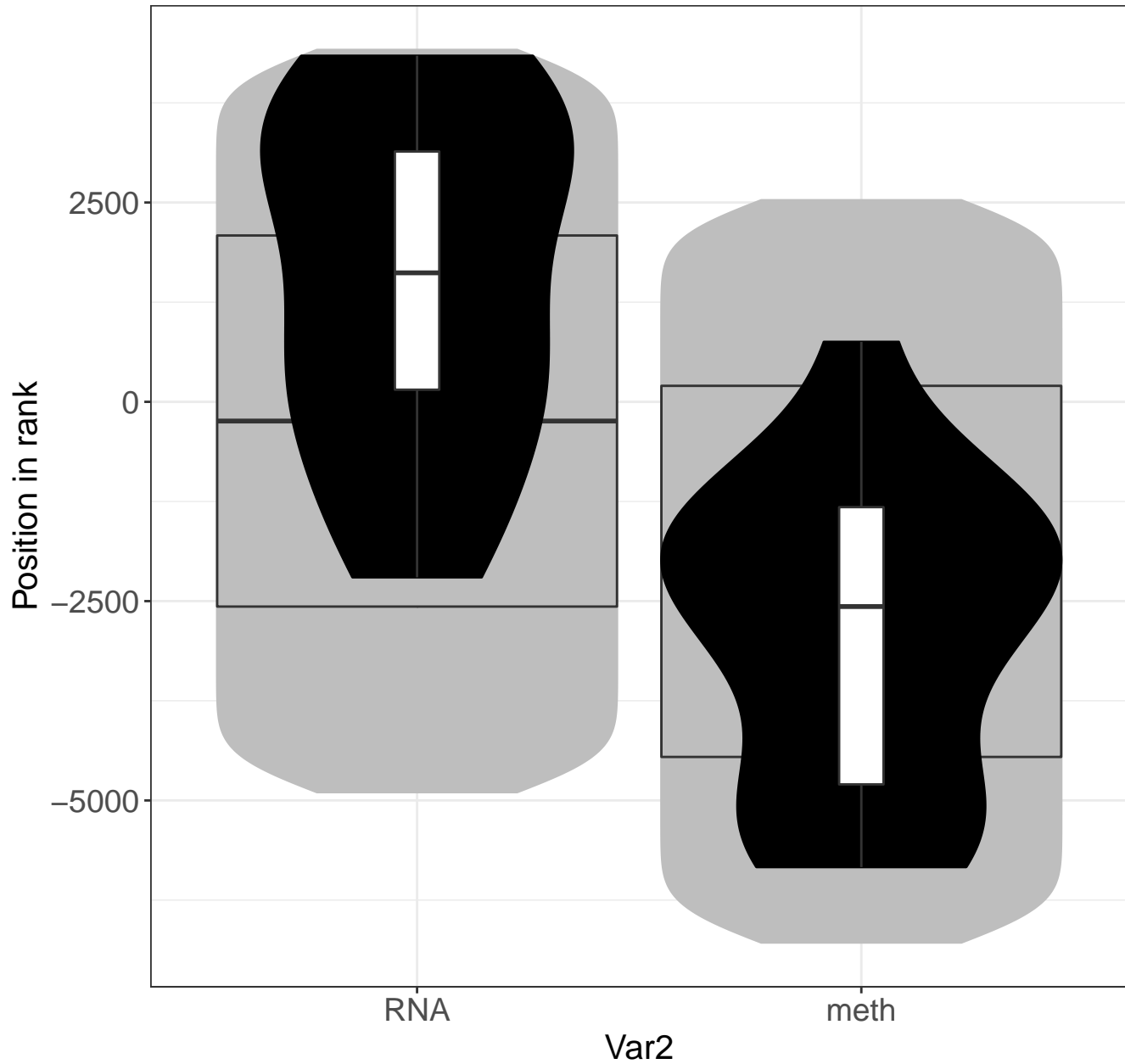
Glycogen metabolism



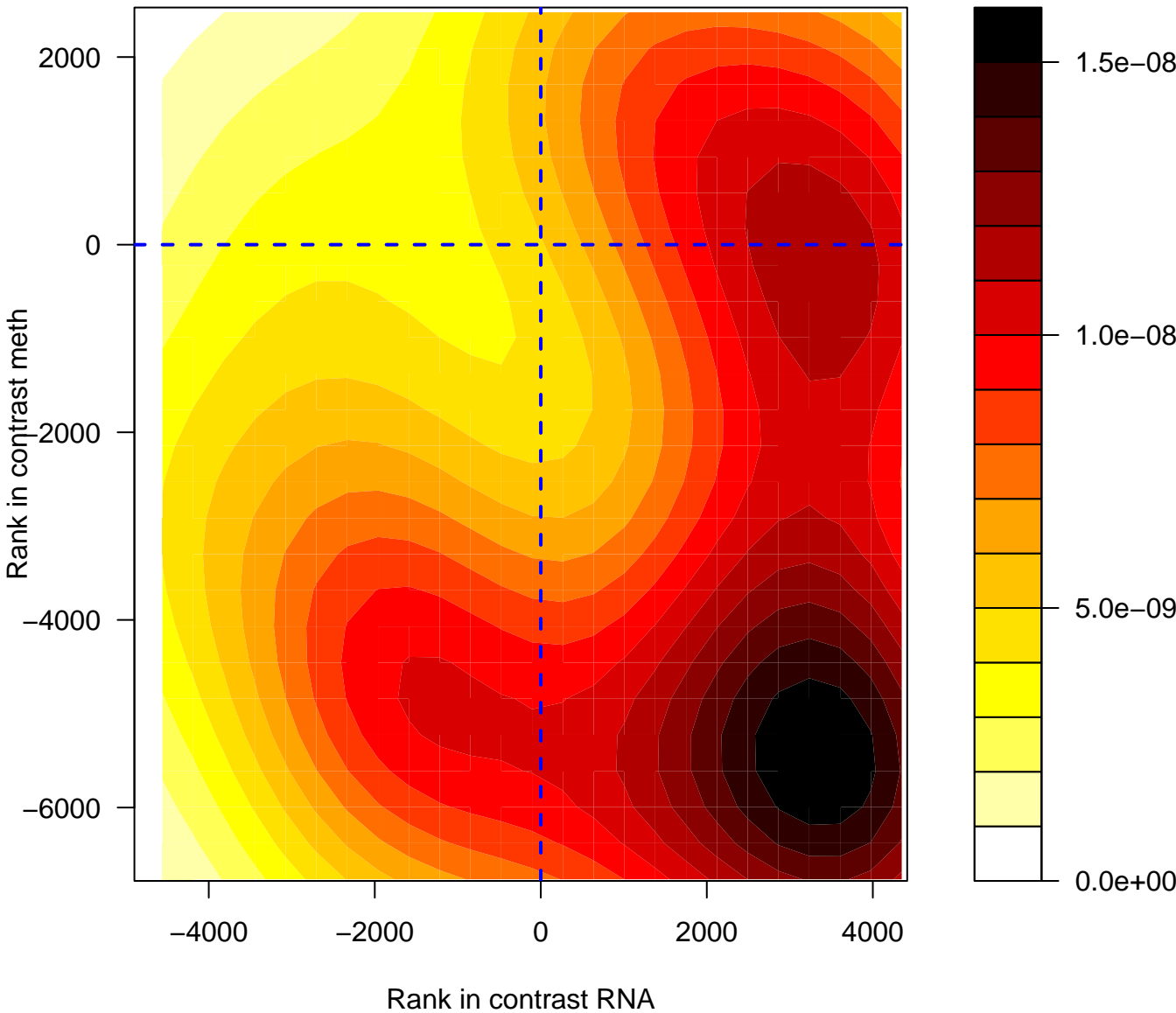
Glycogen metabolism



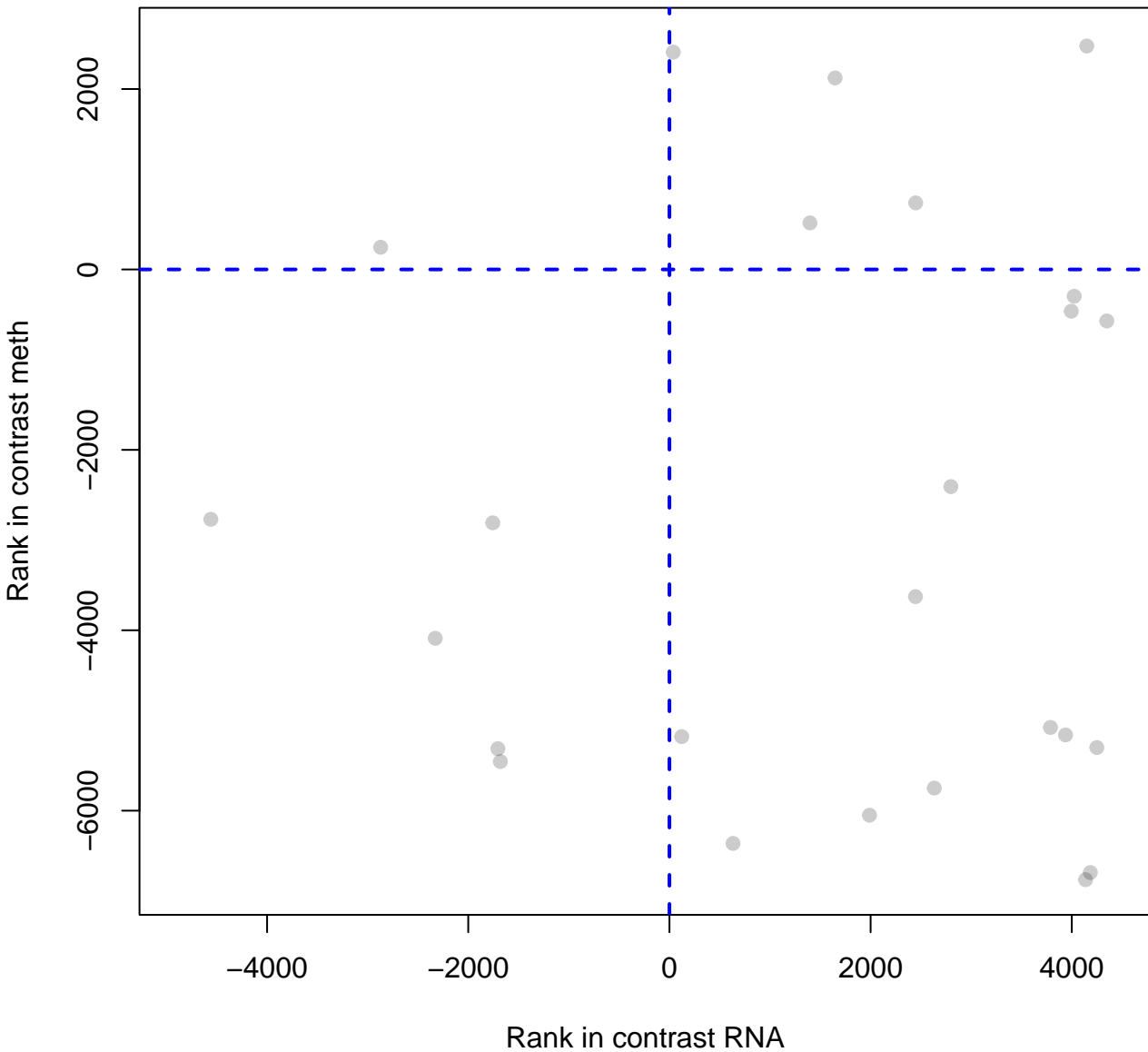
Glycogen metabolism



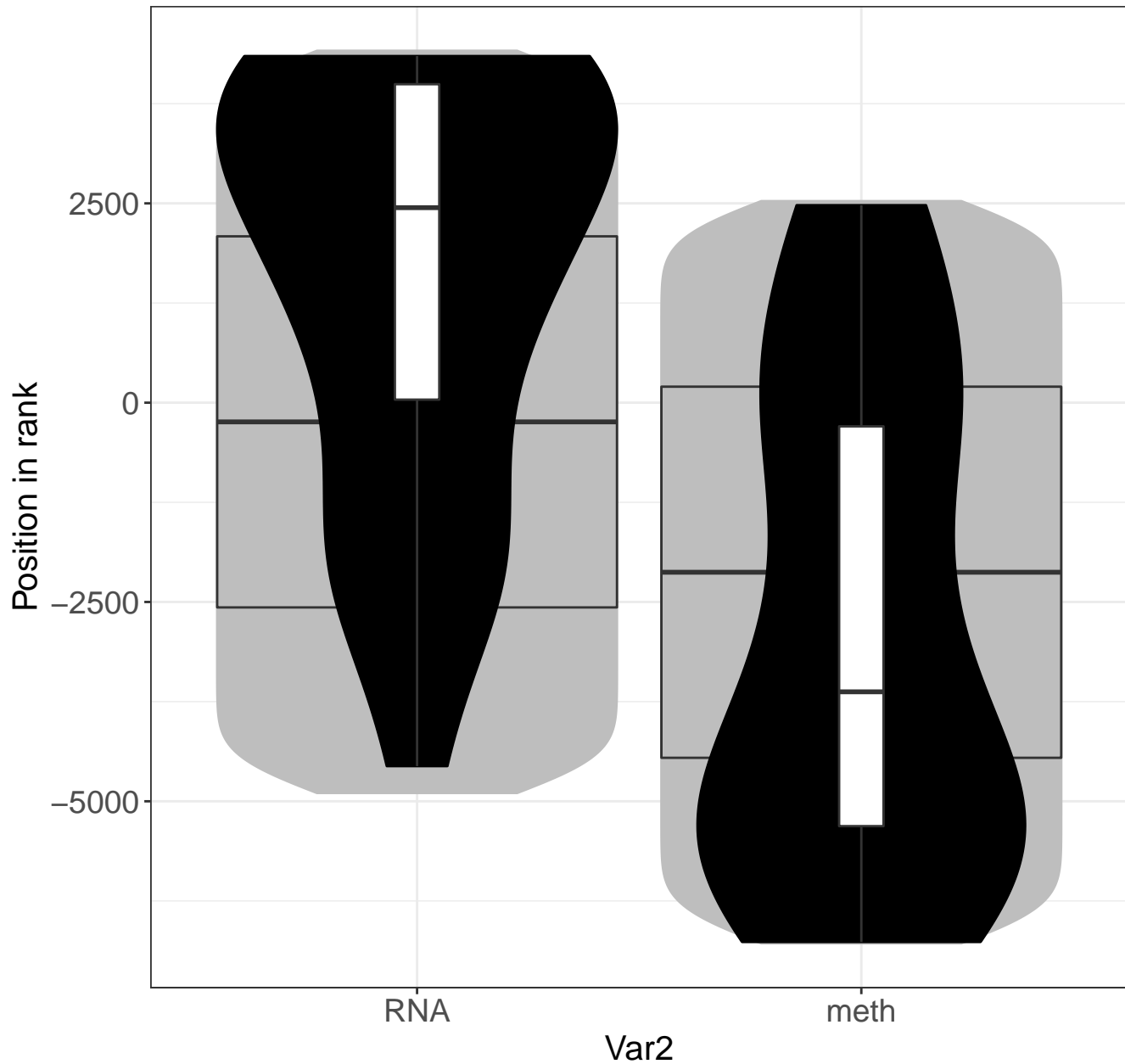
Lysosome Vesicle Biogenesis



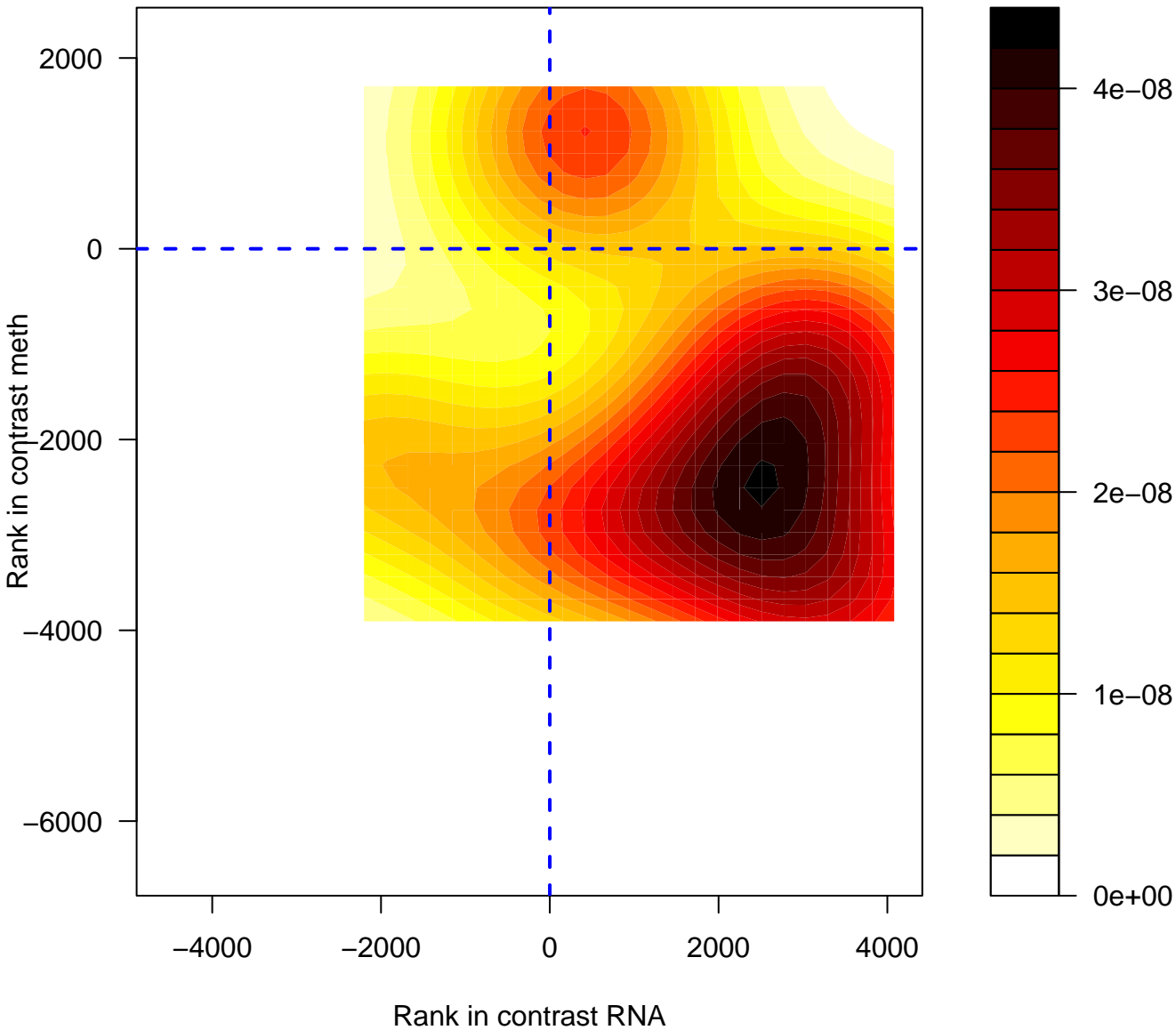
Lysosome Vesicle Biogenesis



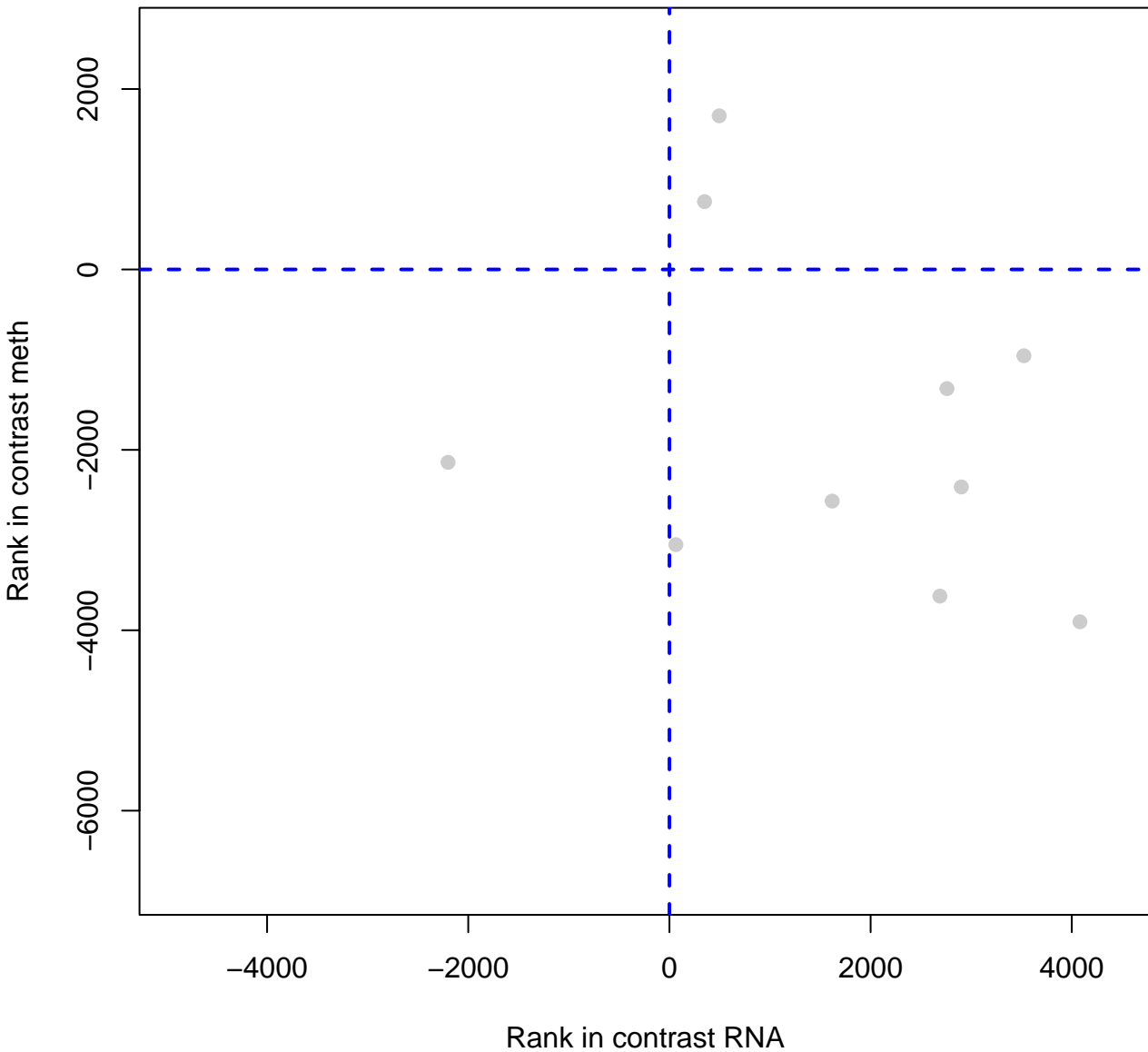
Lysosome Vesicle Biogenesis



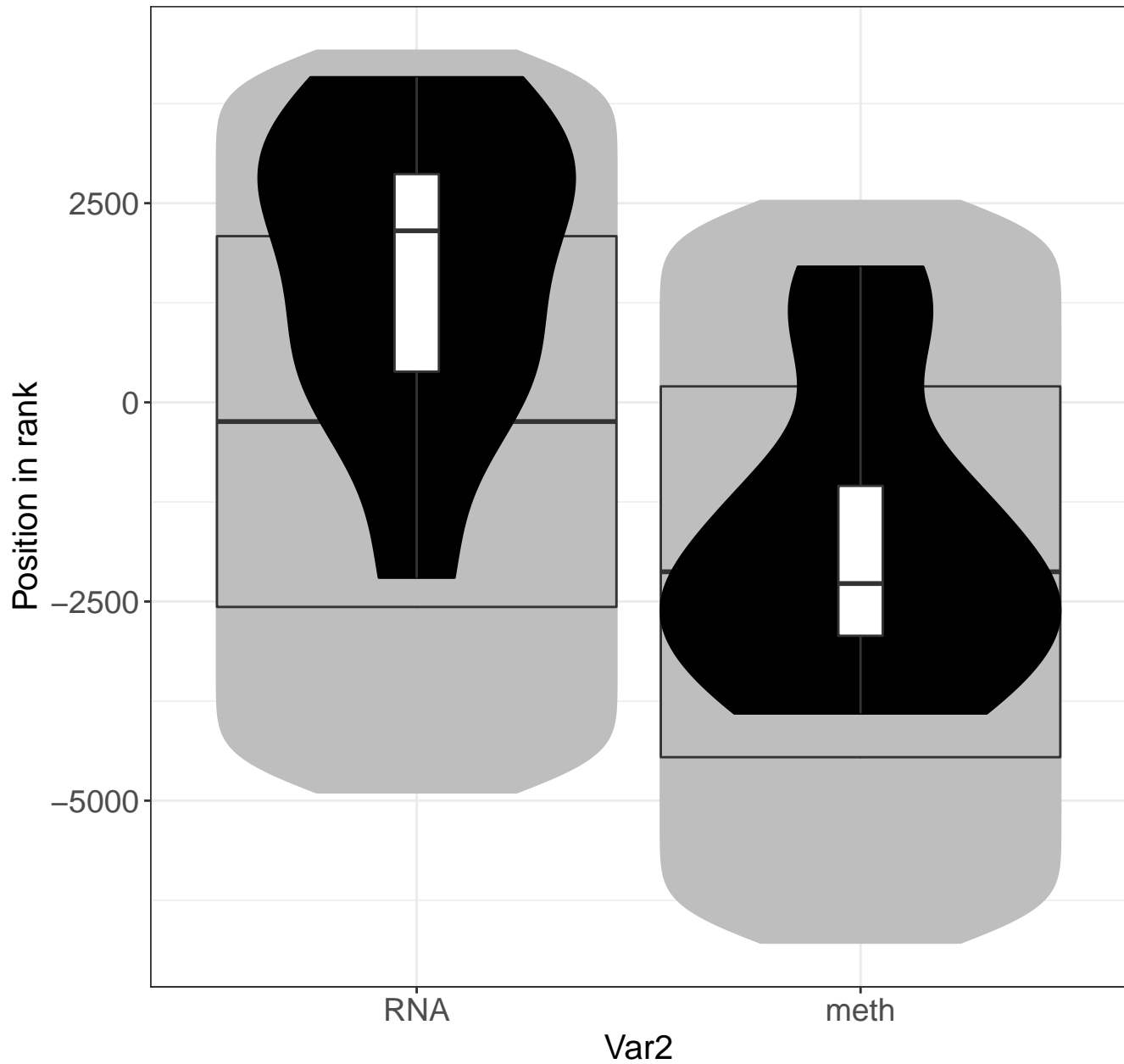
Josephin domain DUBs



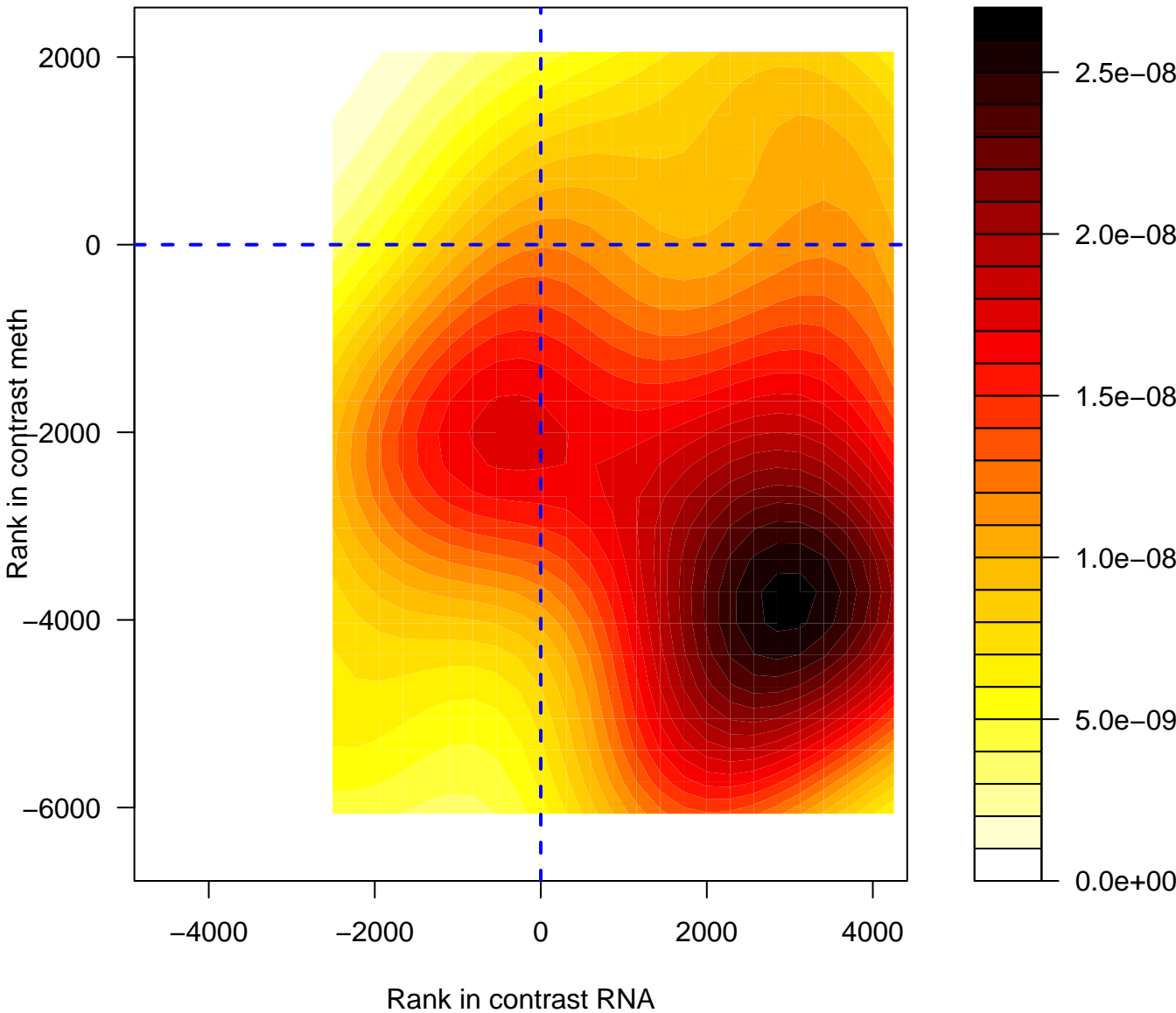
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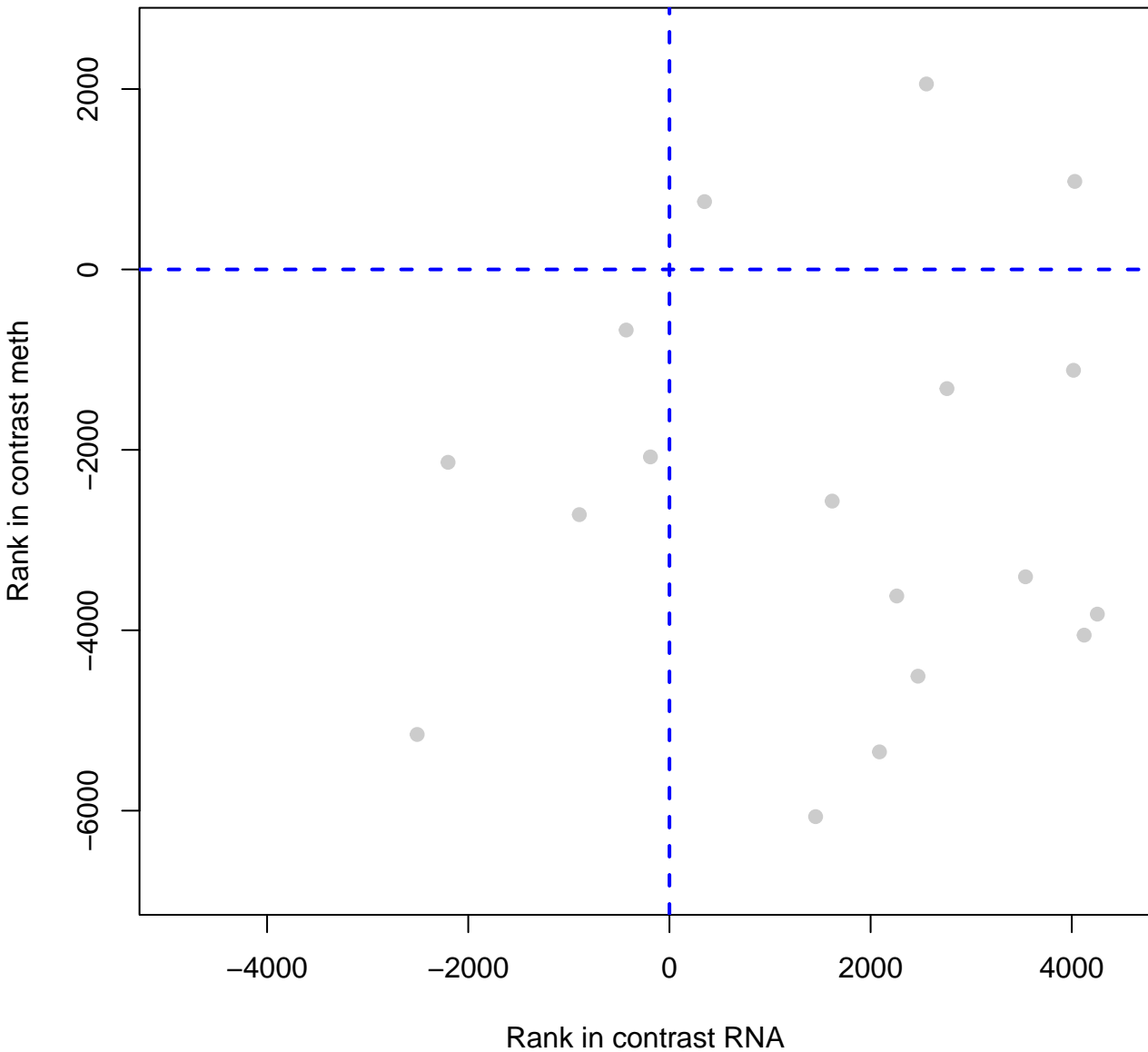
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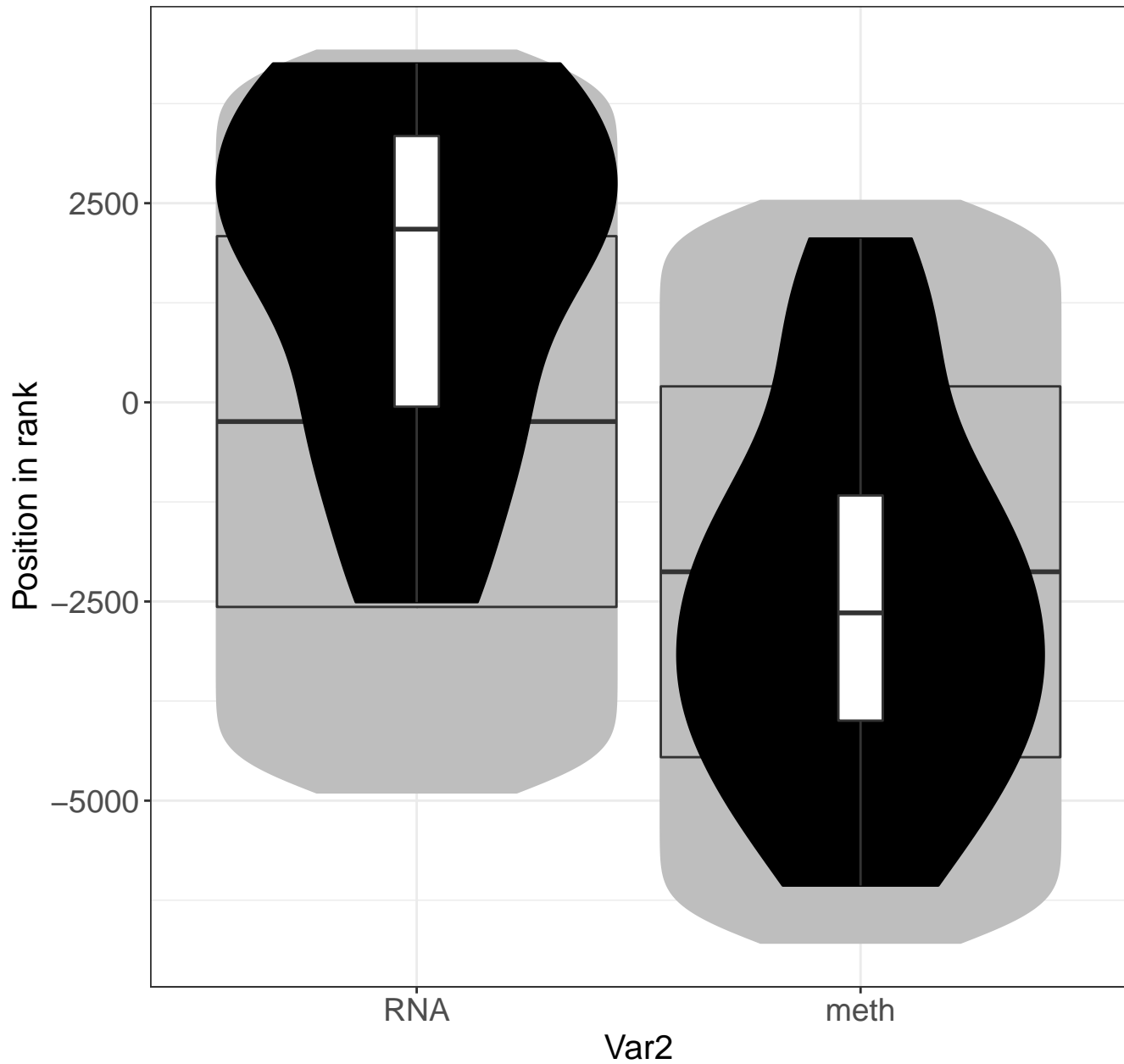
Signaling by NOTCH2



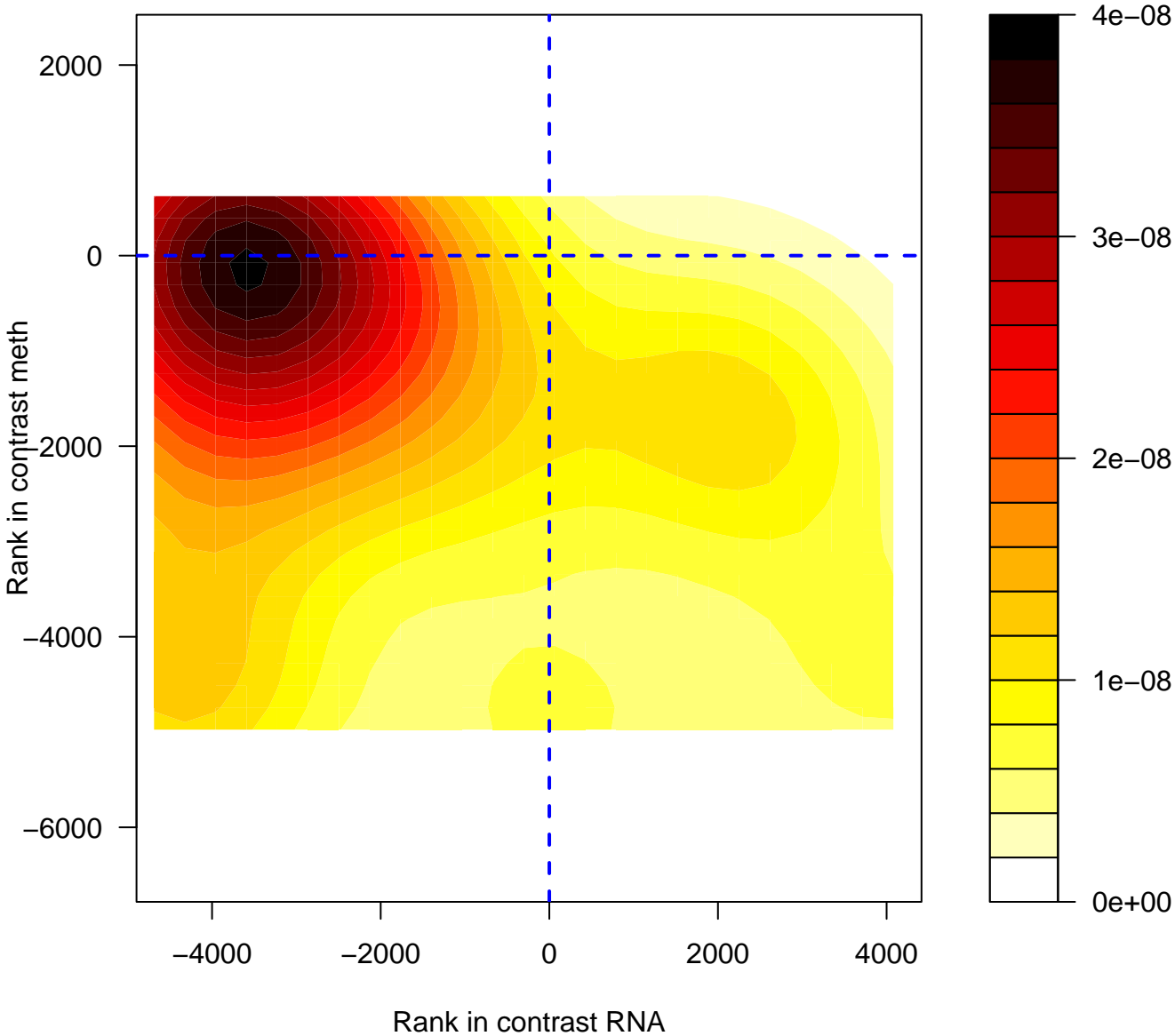
Signaling by NOTCH2



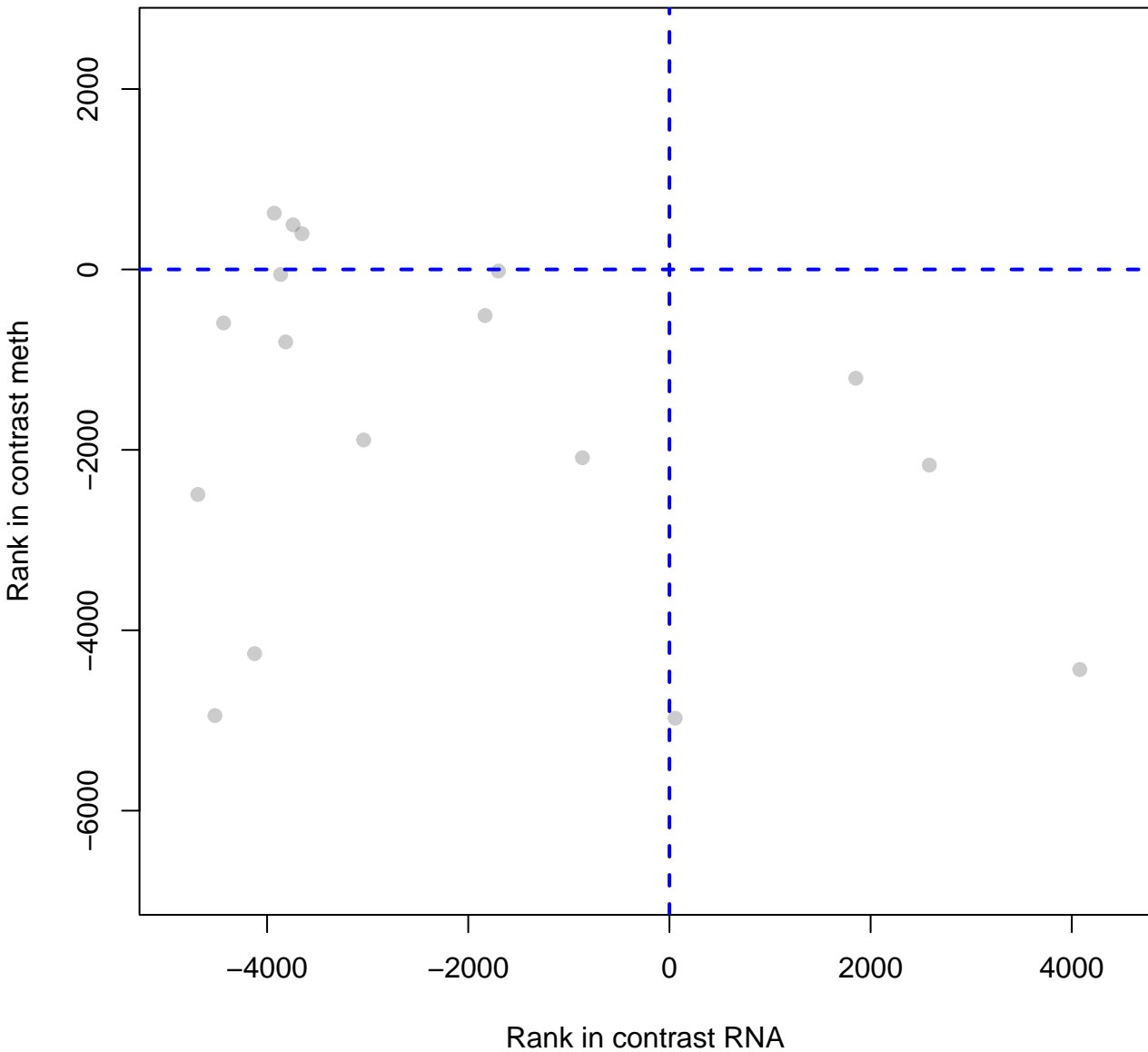
Signaling by NOTCH2



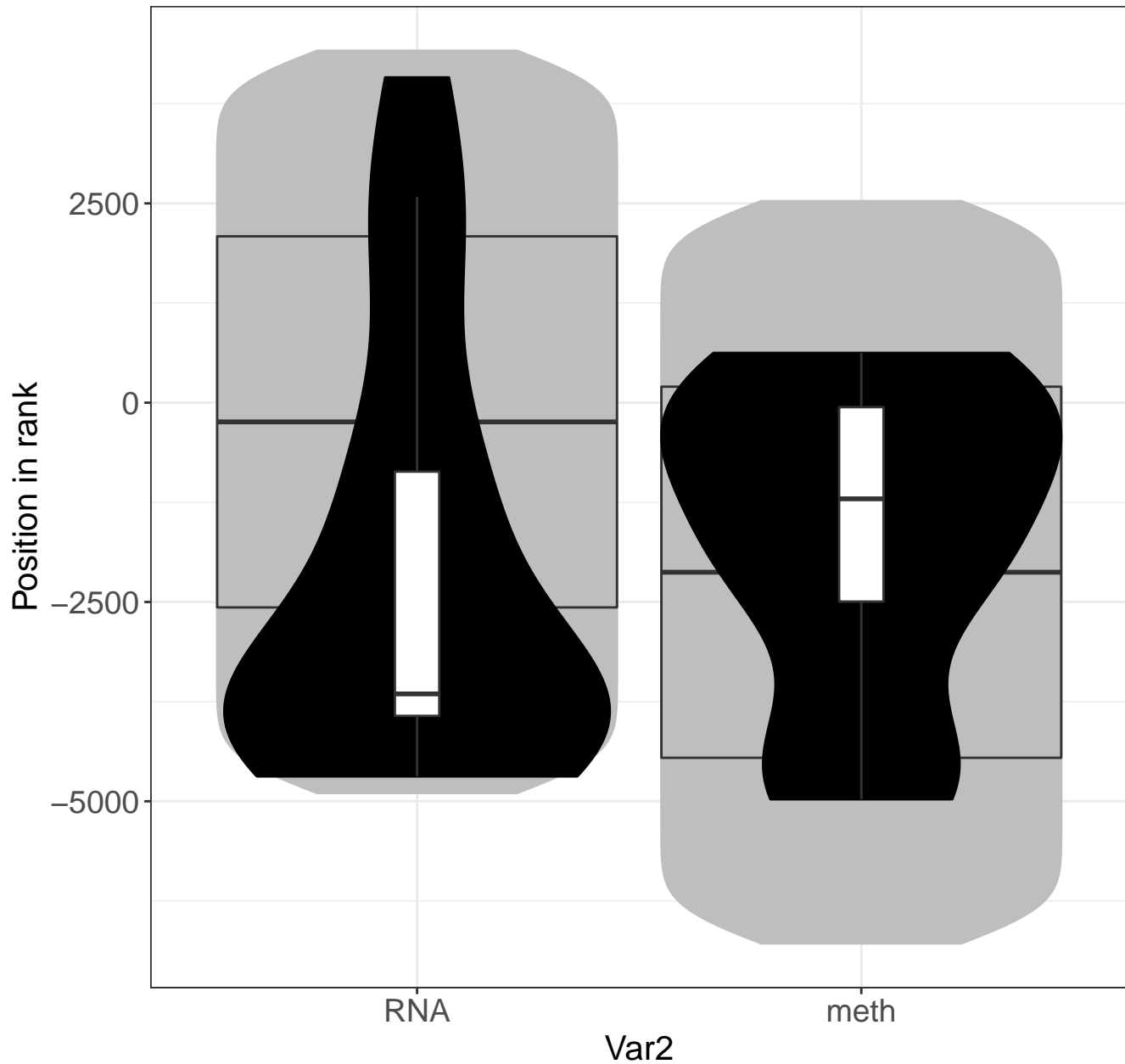
Lagging Strand Synthesis



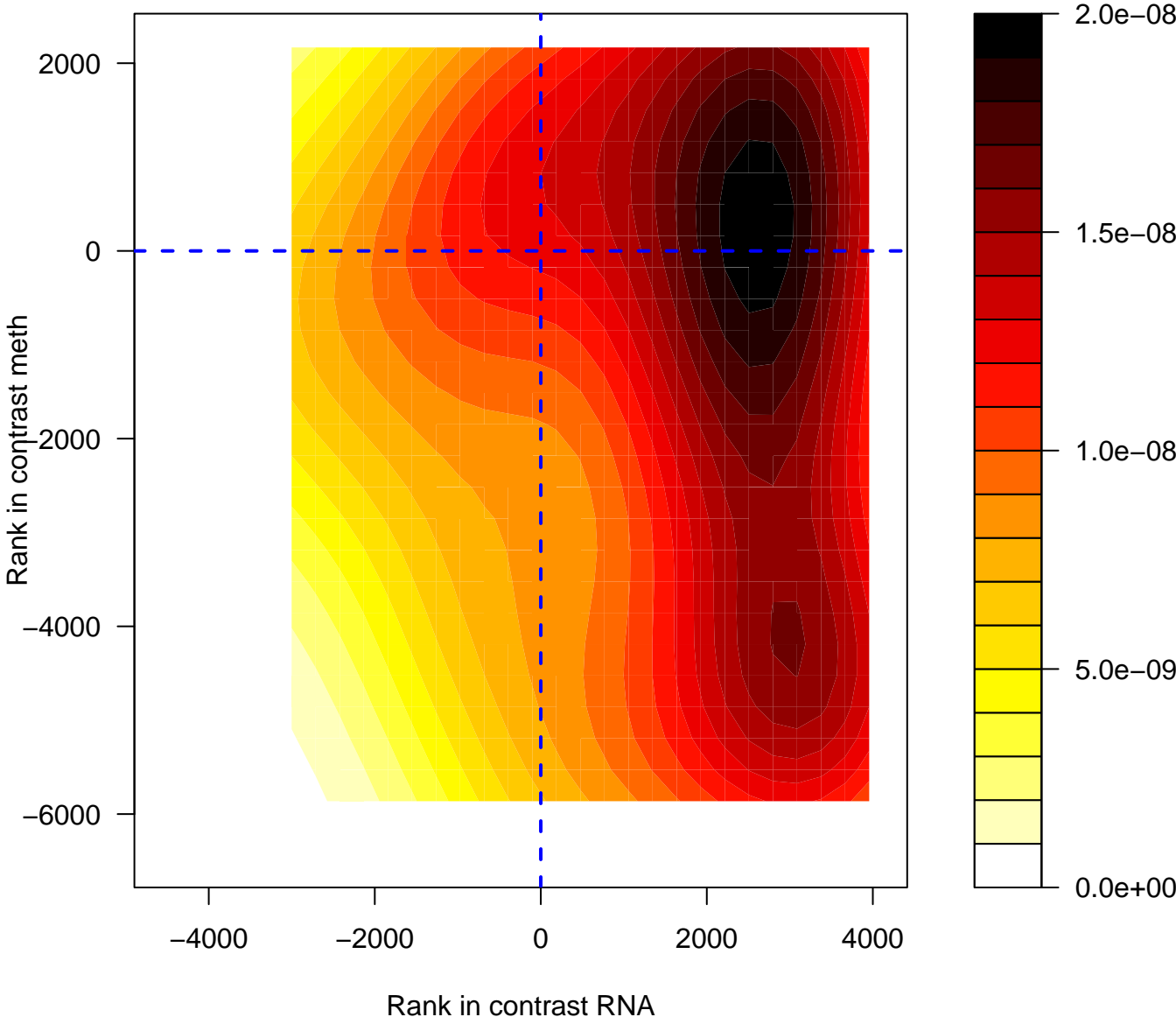
Lagging Strand Synthesis



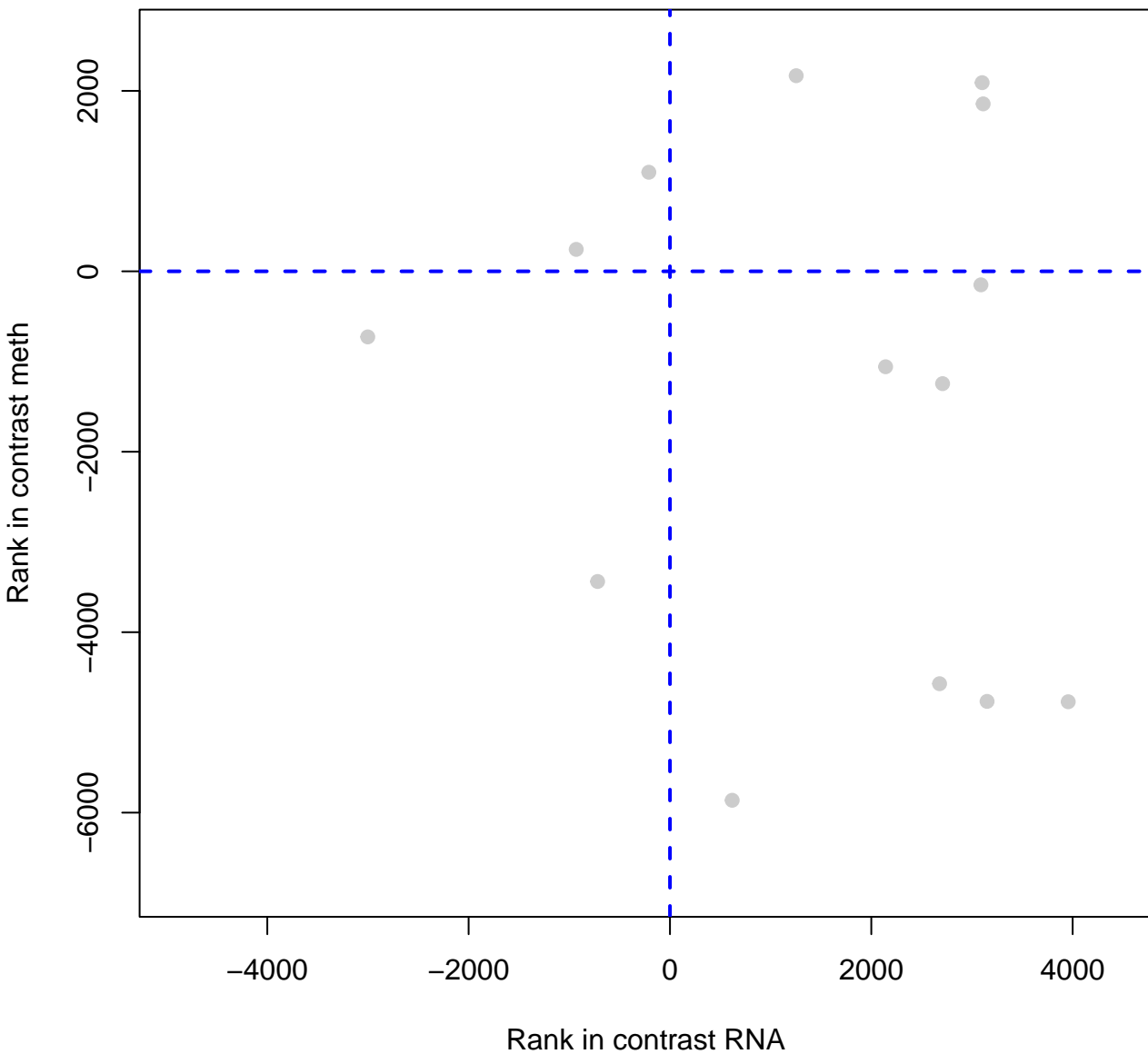
Lagging Strand Synthesis



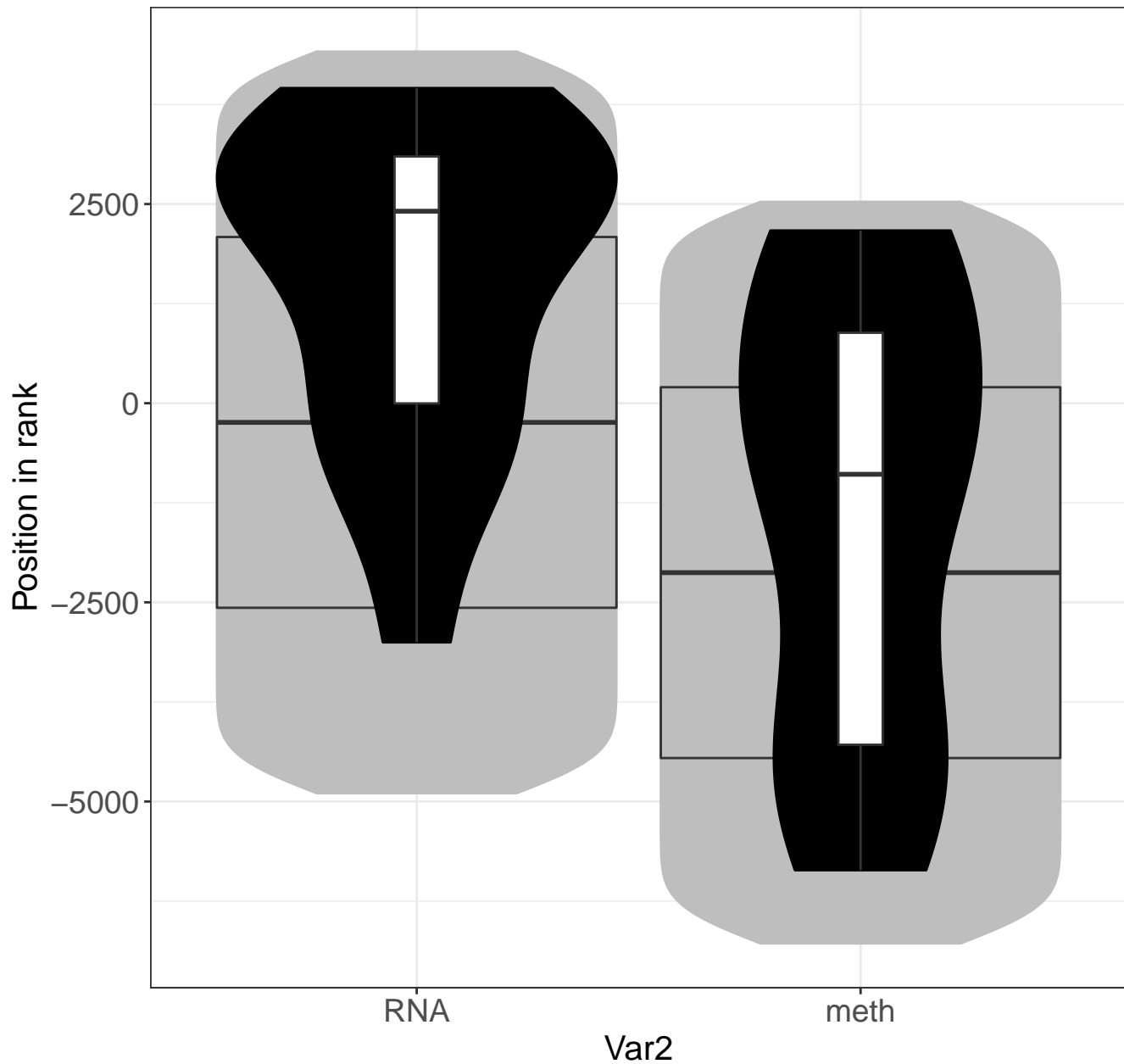
Formation of tubulin folding intermediates by CCT/Tric



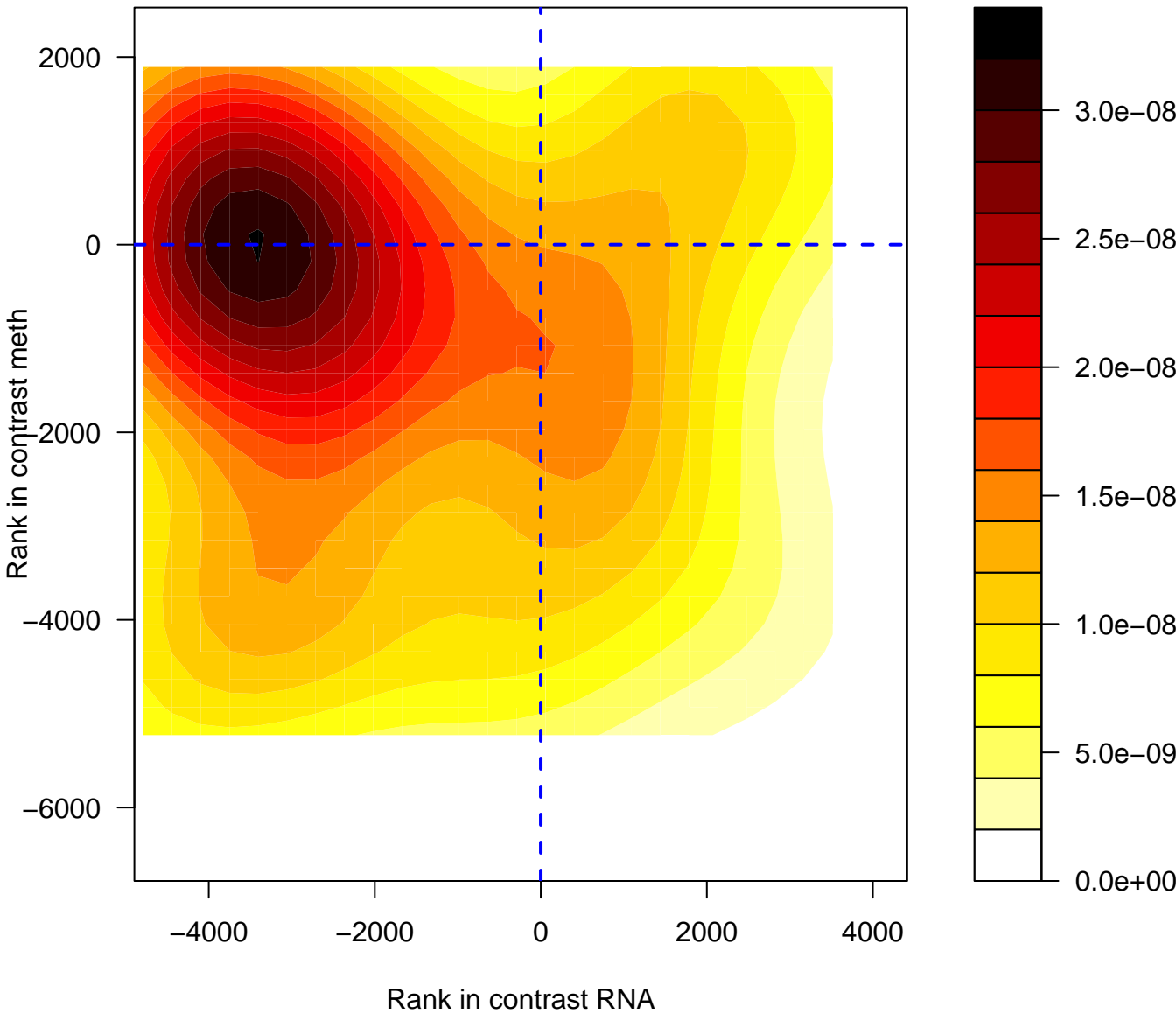
Formation of tubulin folding intermediates by CCT/TriC



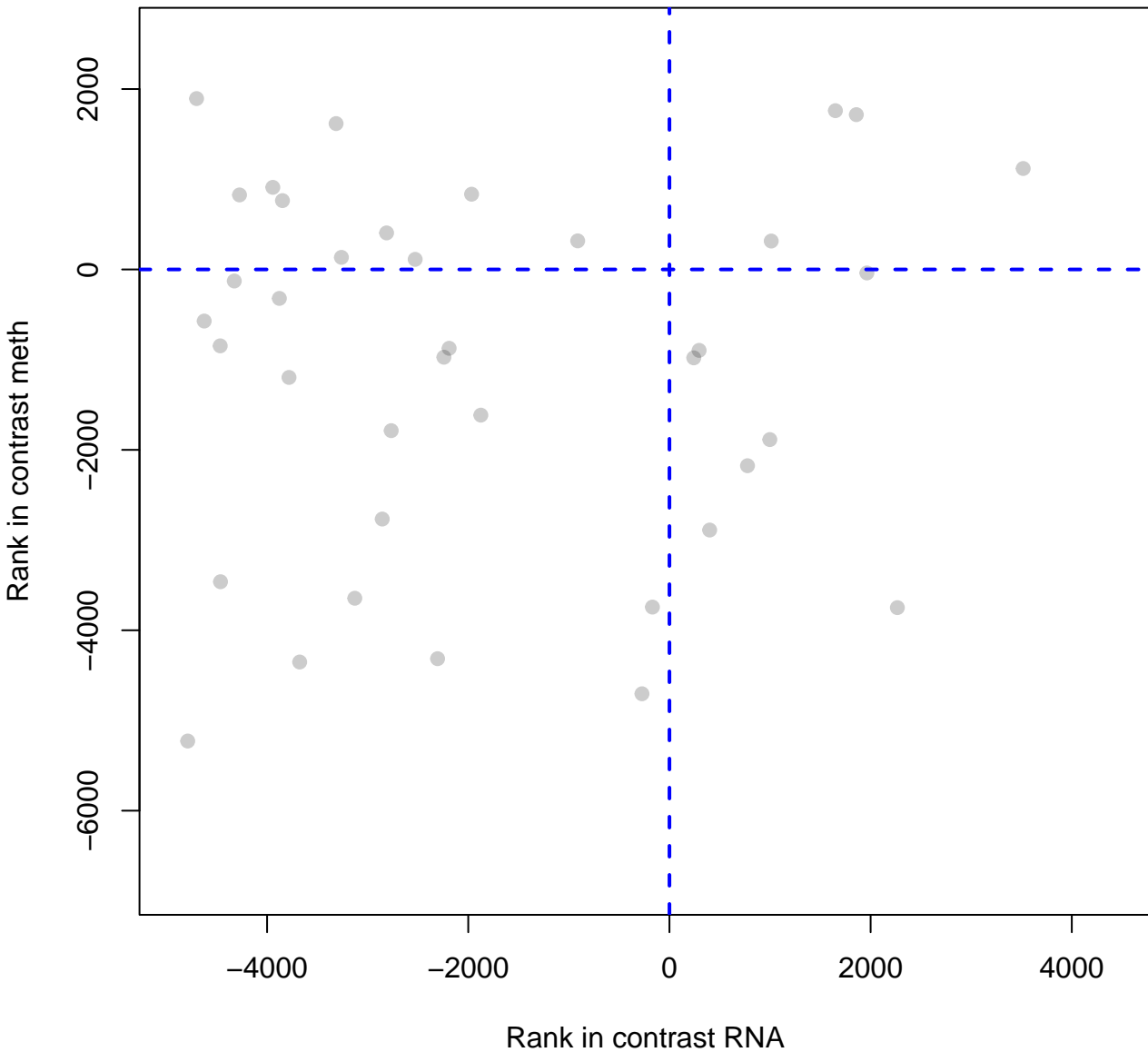
Formation of tubulin folding intermediates by CCT



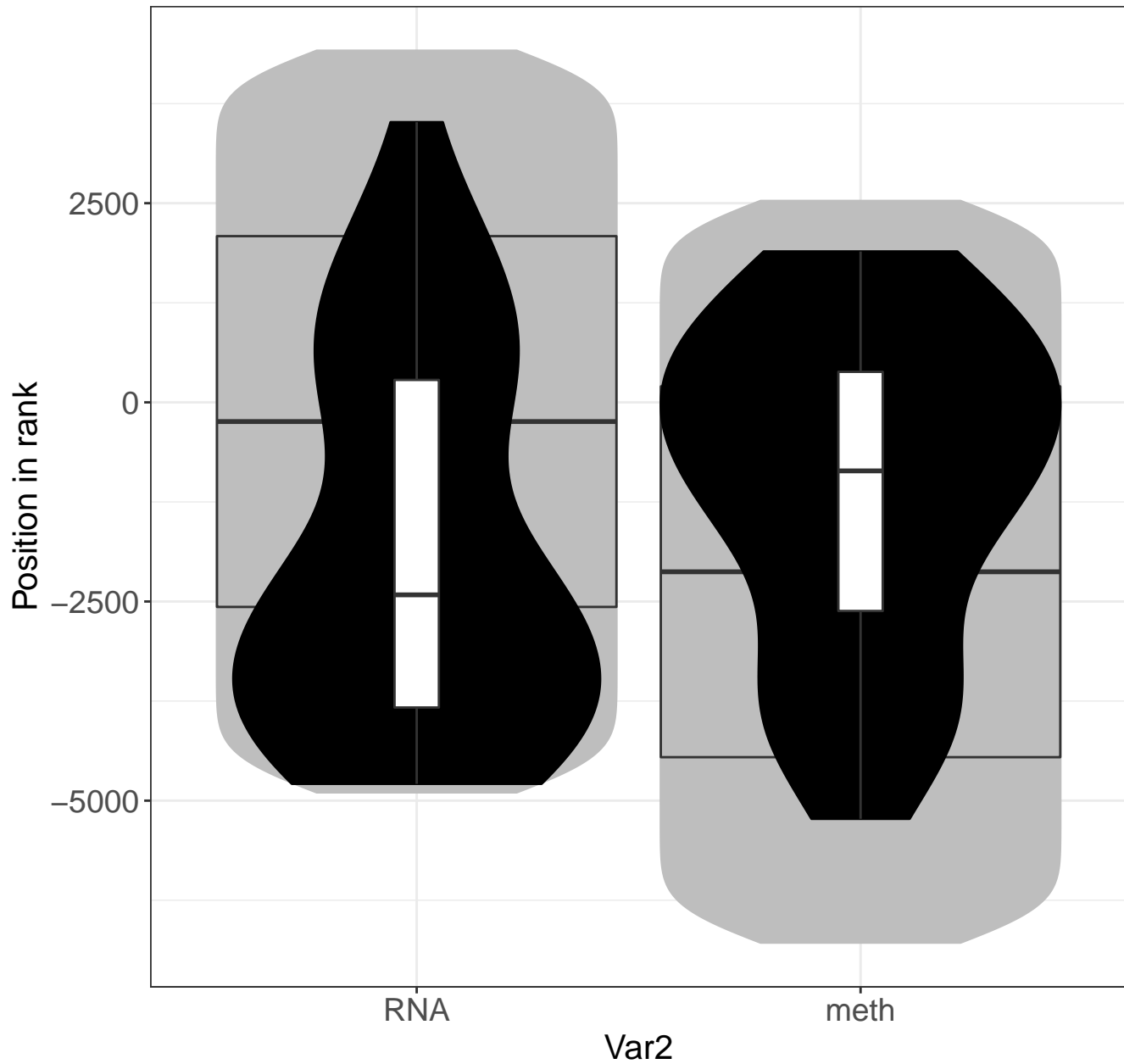
NS1 Mediated Effects on Host Pathways



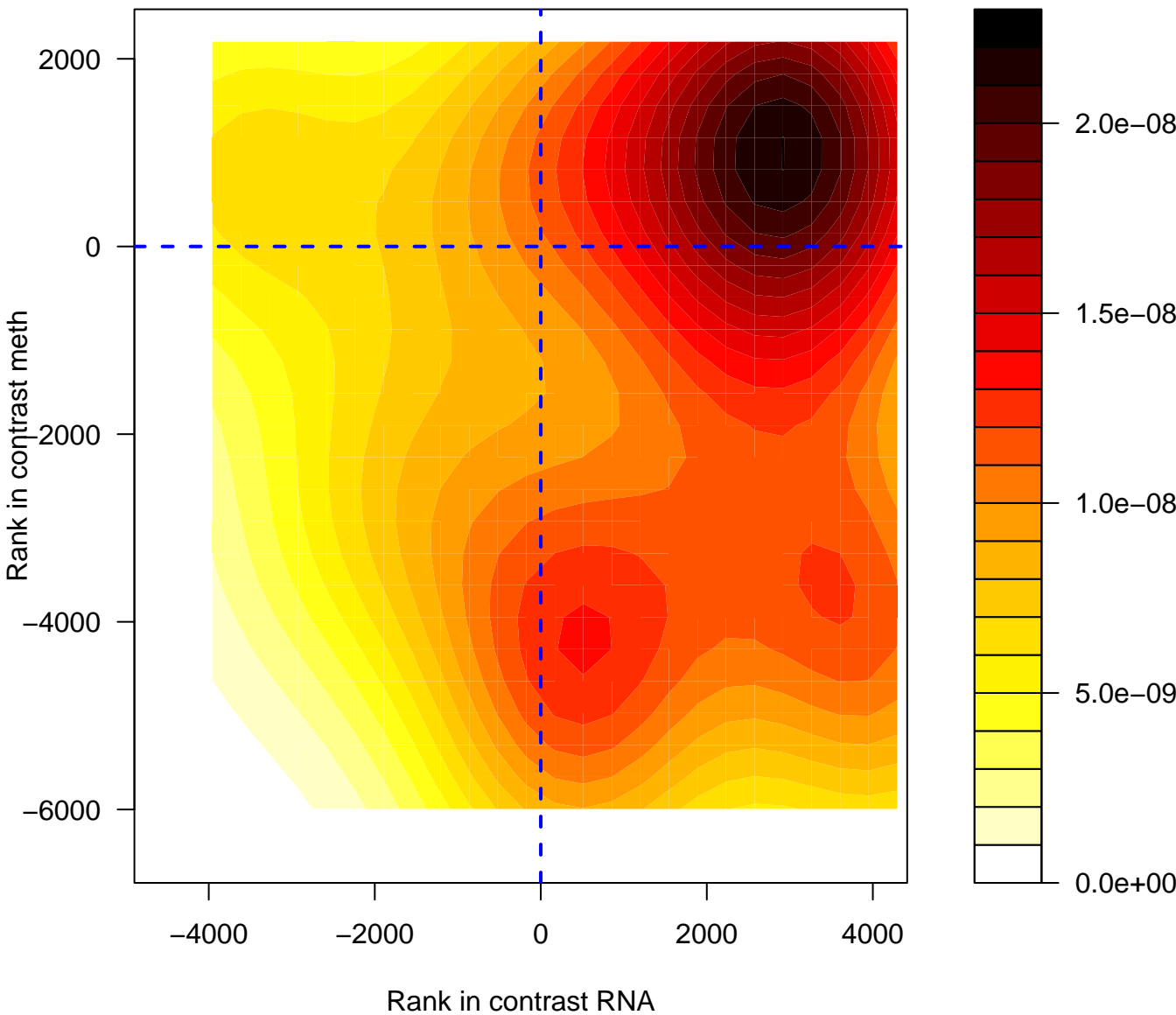
NS1 Mediated Effects on Host Pathways



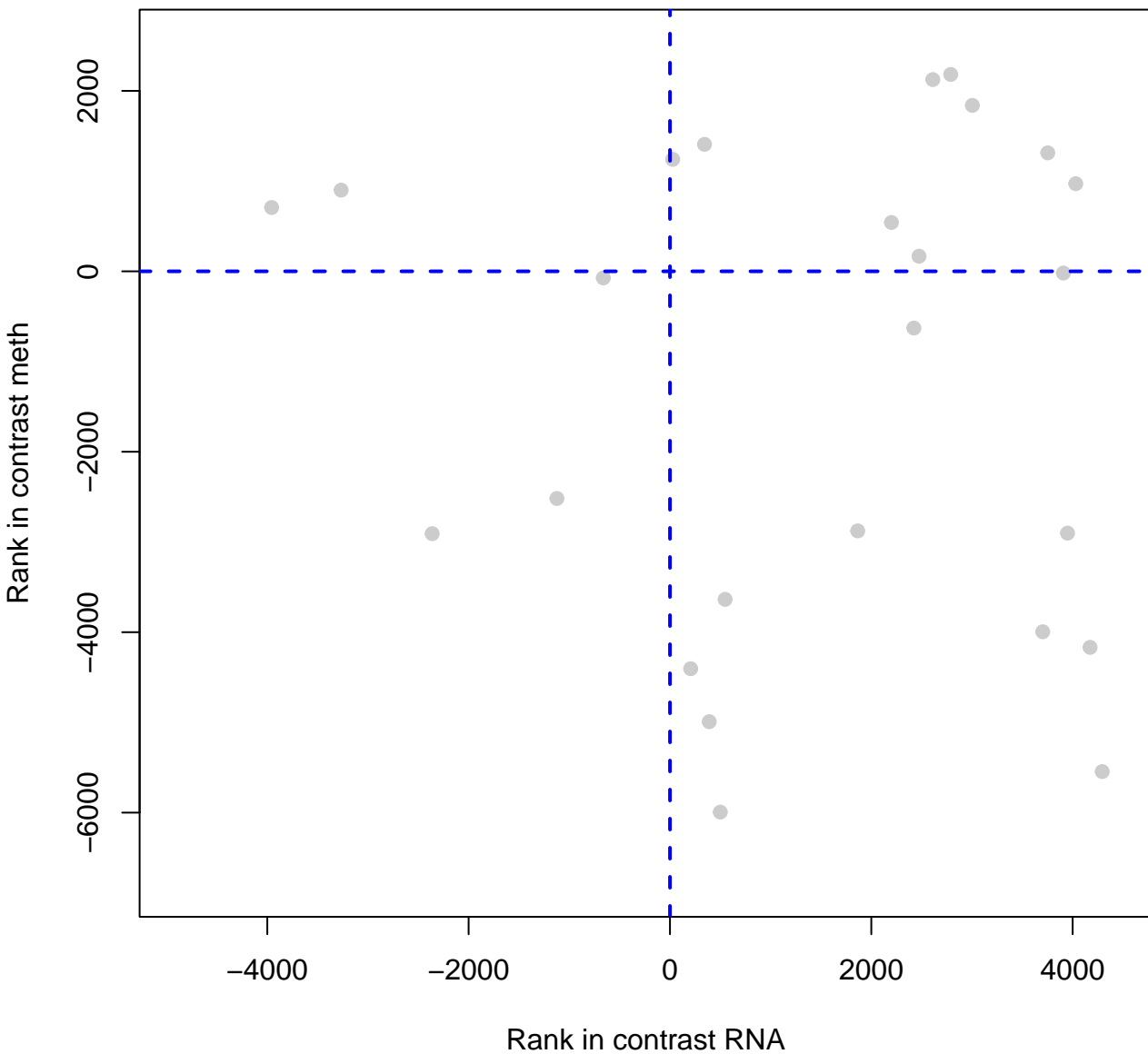
NS1 Mediated Effects on Host Pathways



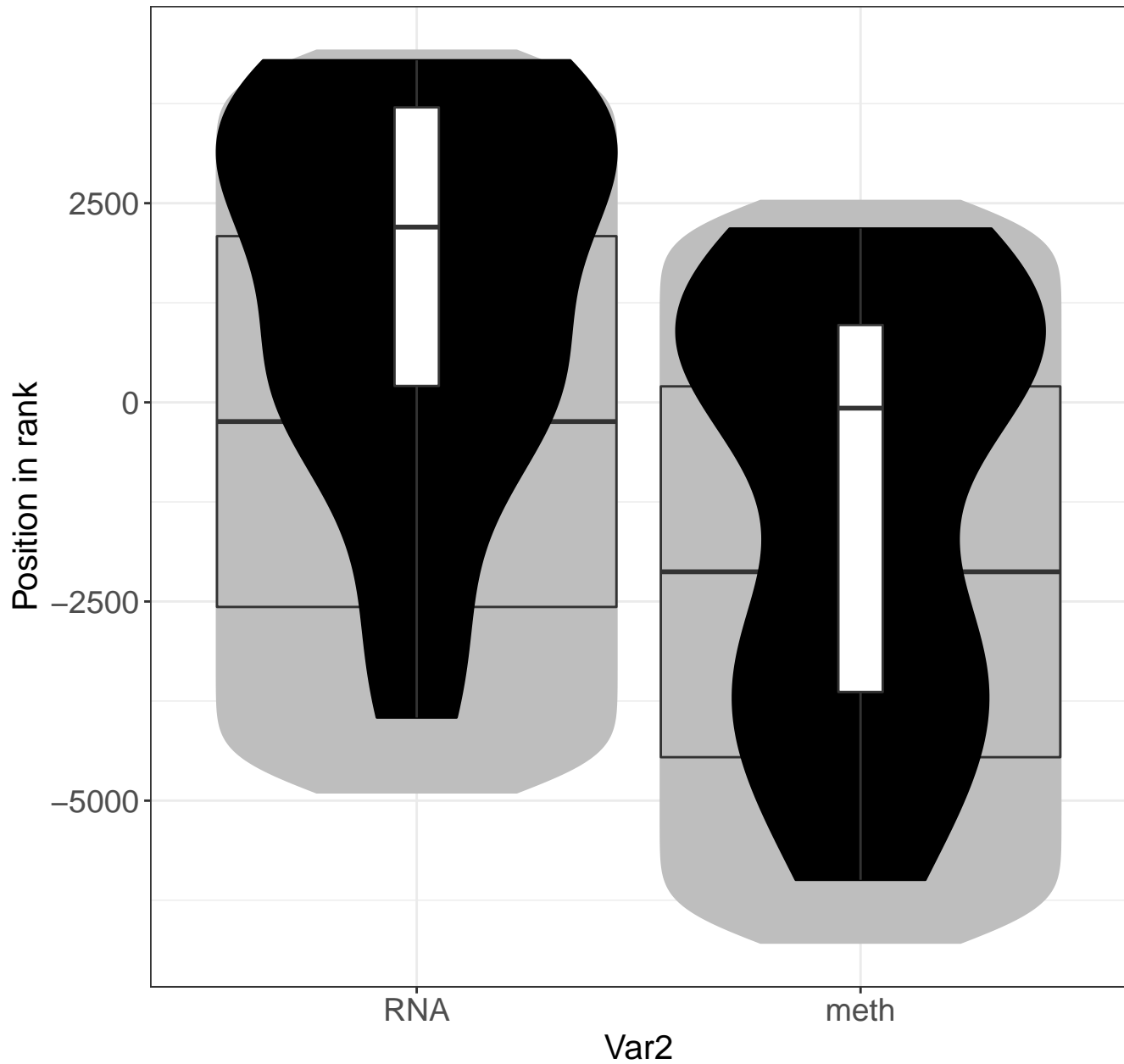
RHO GTPases activate PKNs



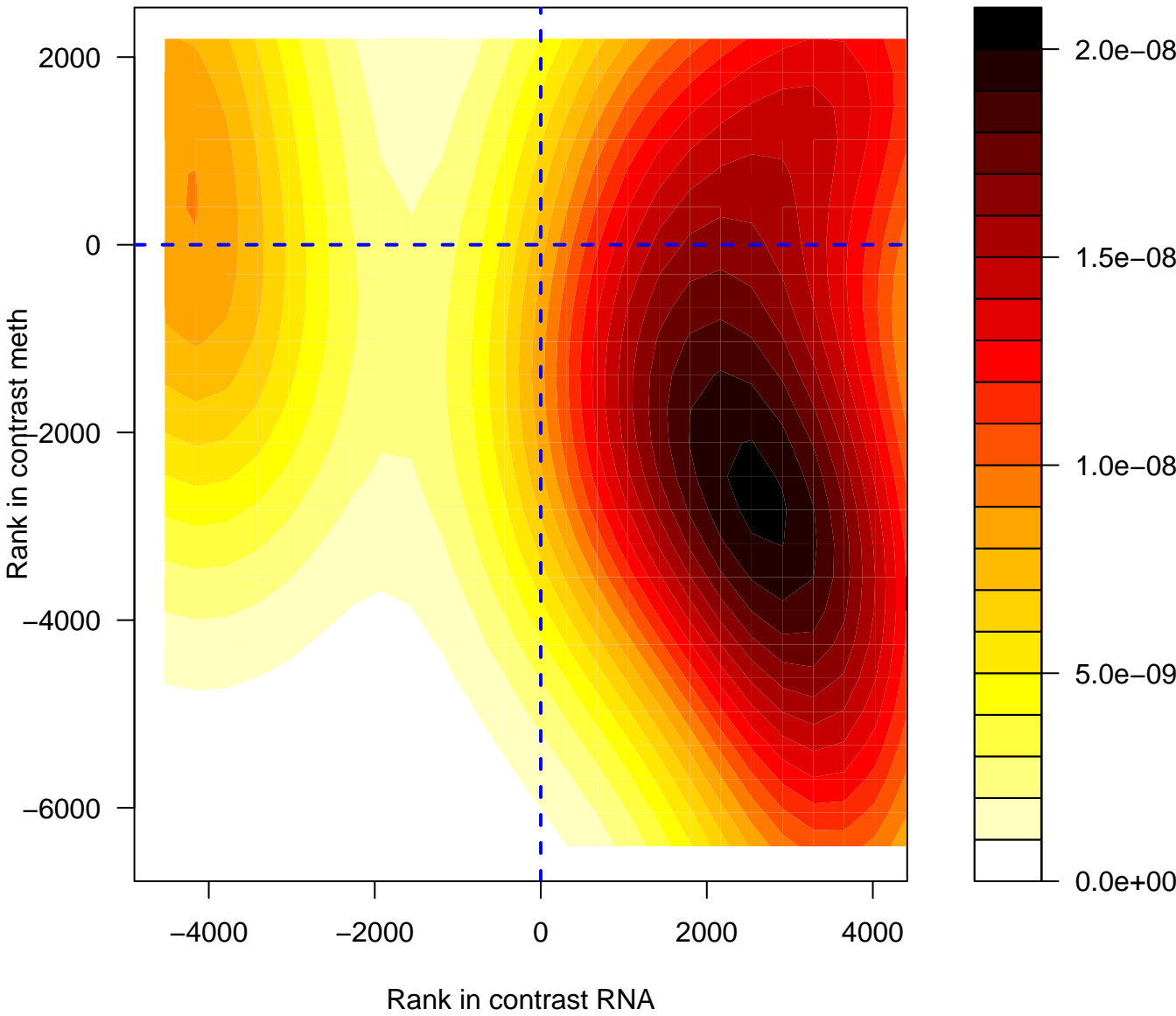
RHO GTPases activate PKNs



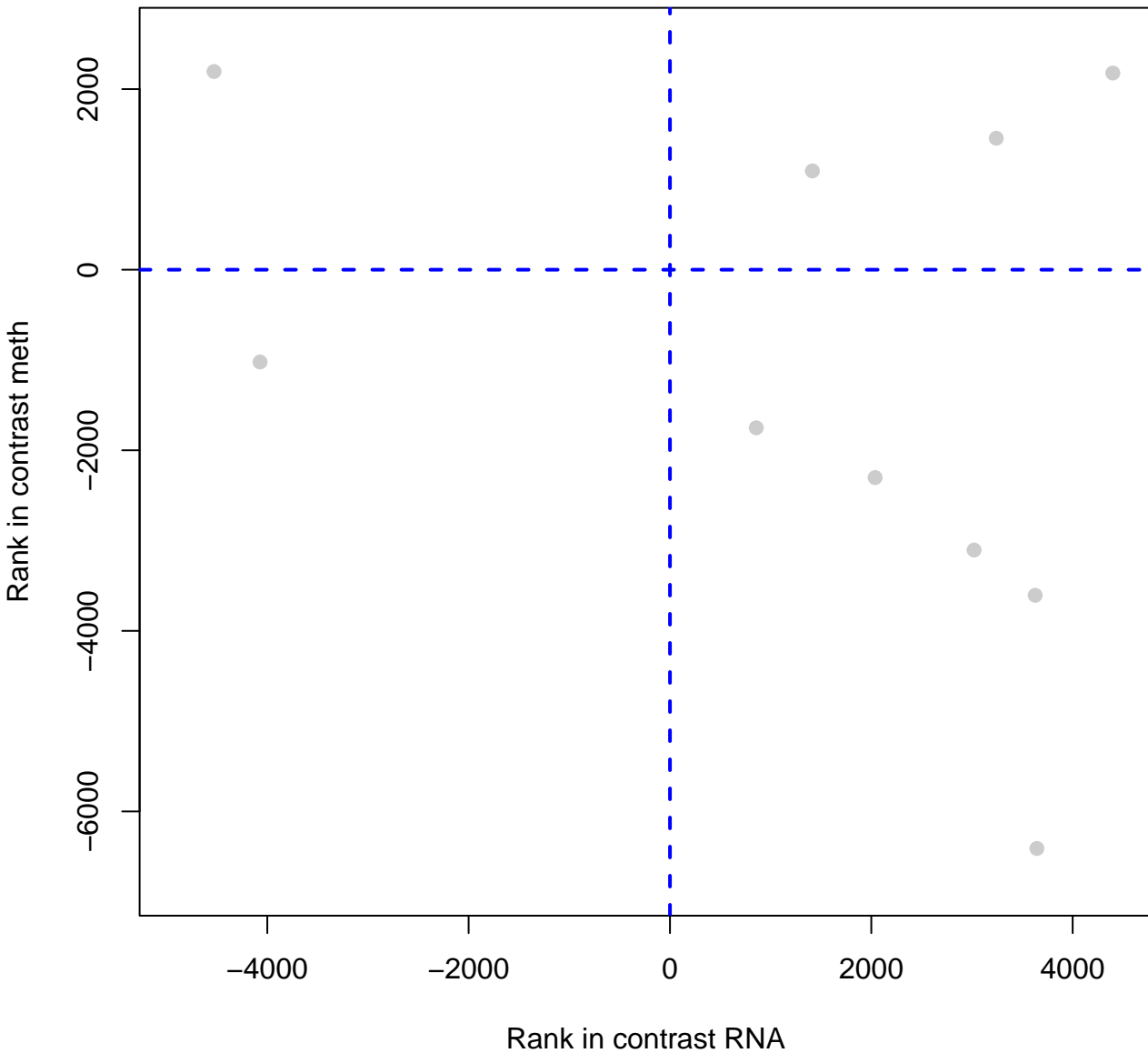
RHO GTPases activate PKNs



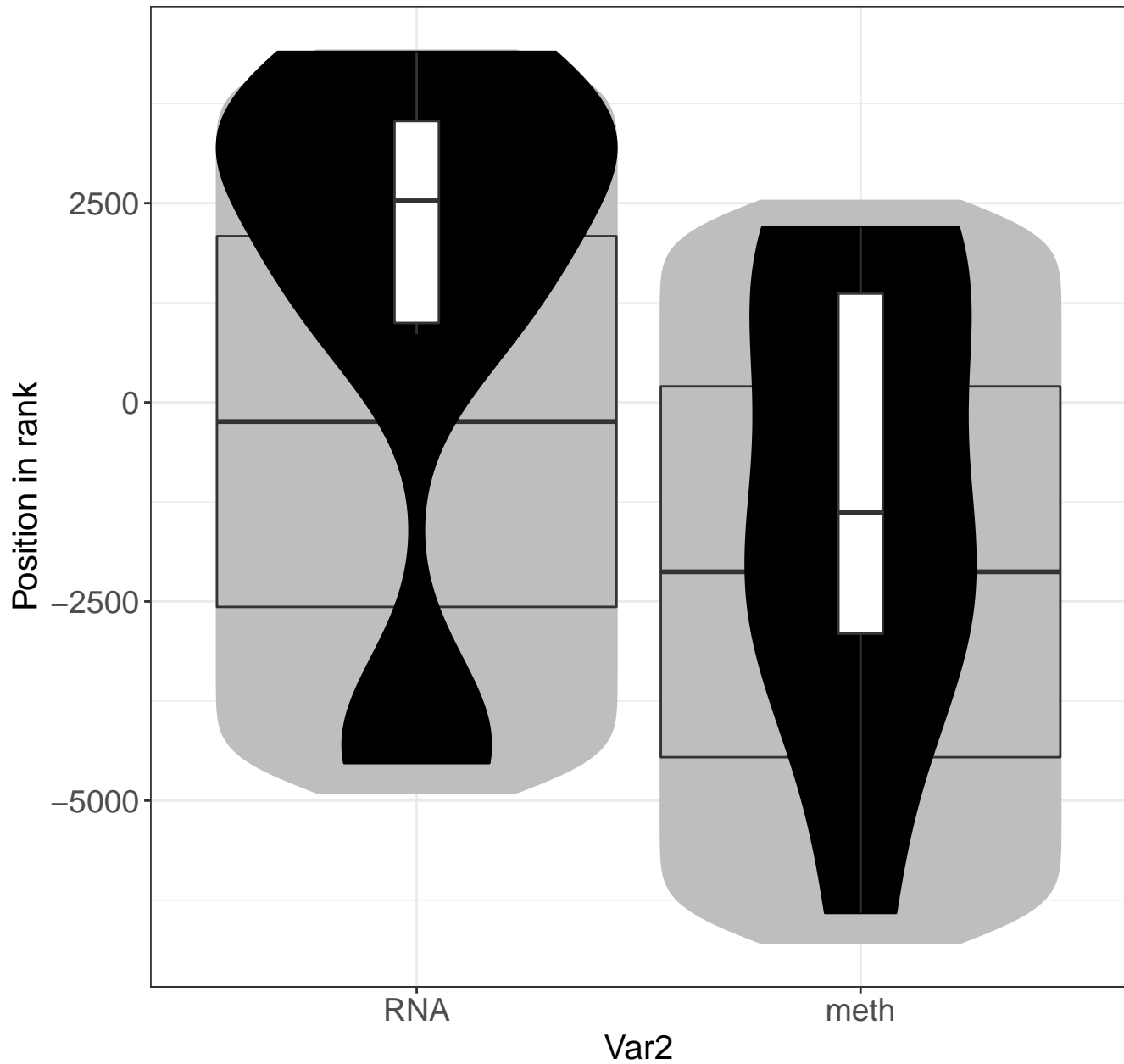
Interleukin-6 signaling



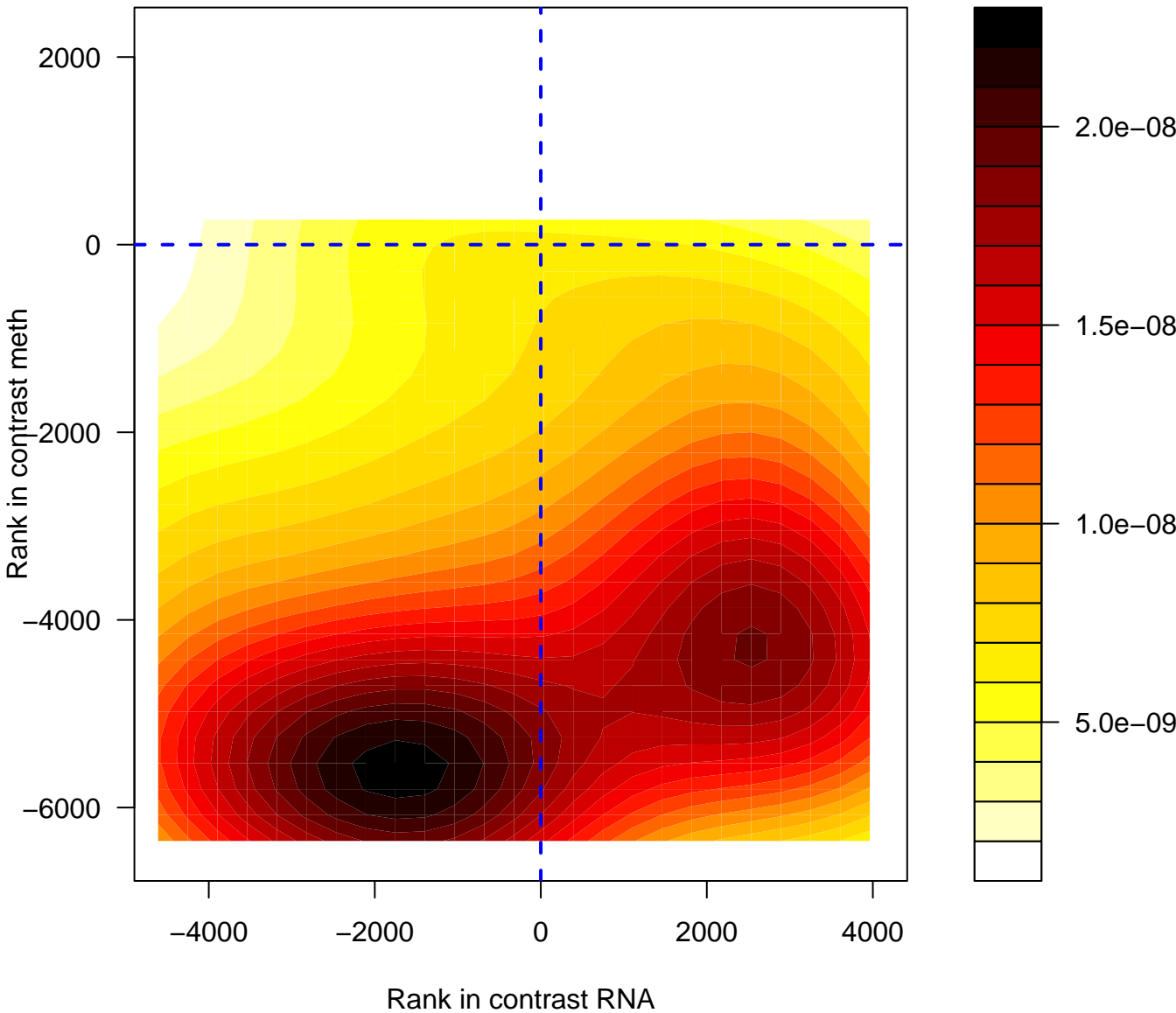
Interleukin-6 signaling



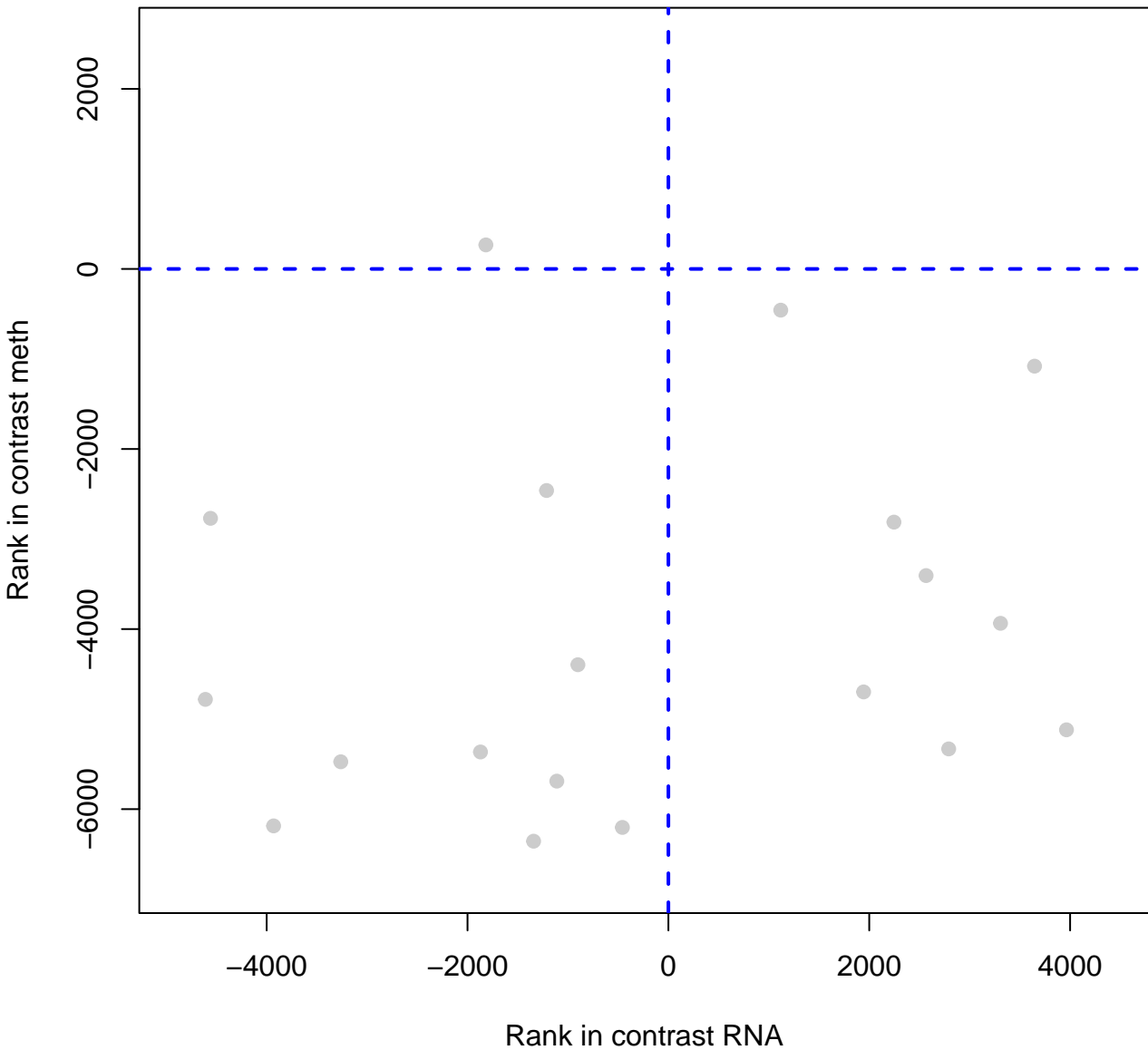
Interleukin-6 signaling



Neurotransmitter release cycle



Neurotransmitter release cycle



Neurotransmitter release cycle

