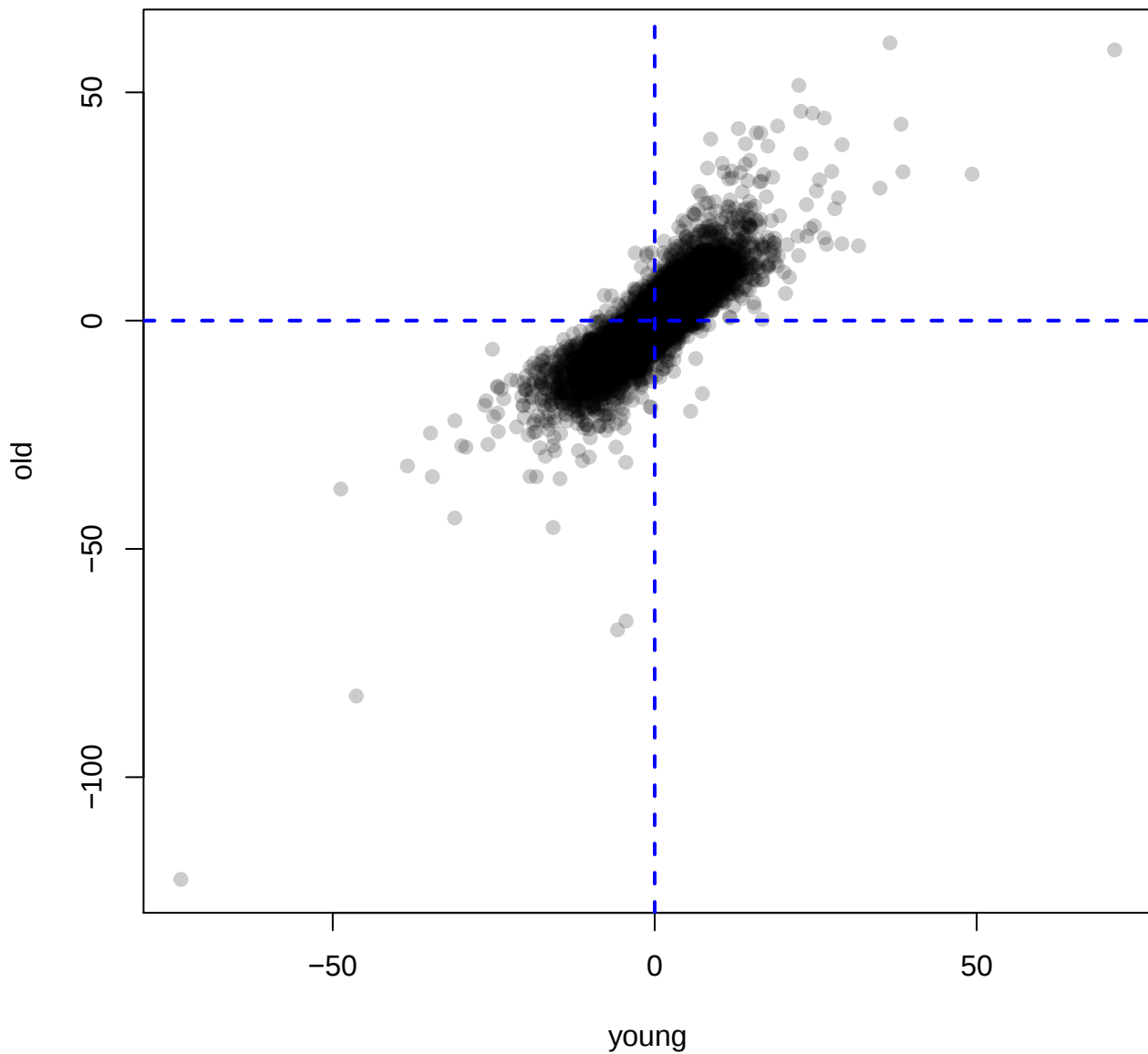
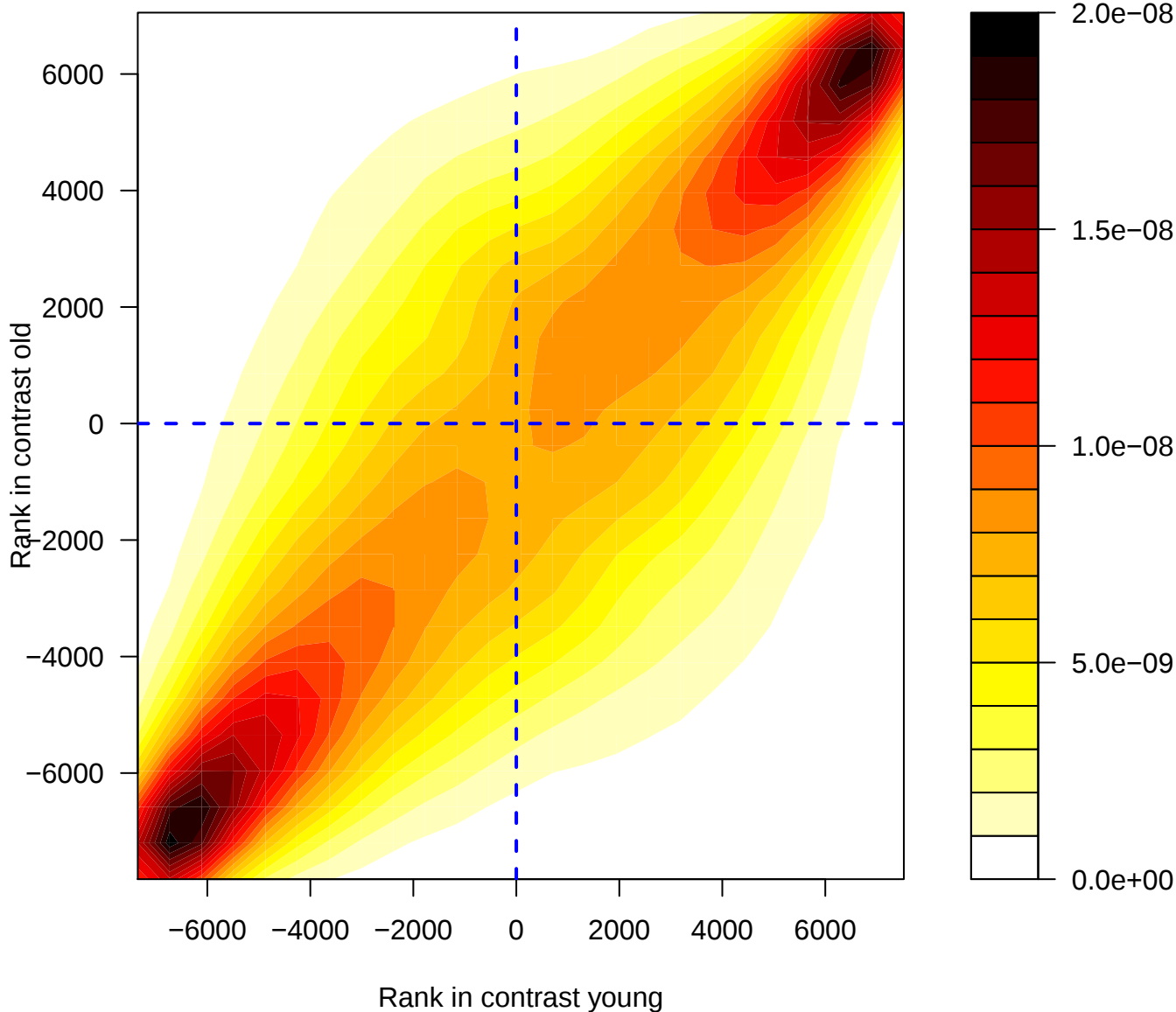


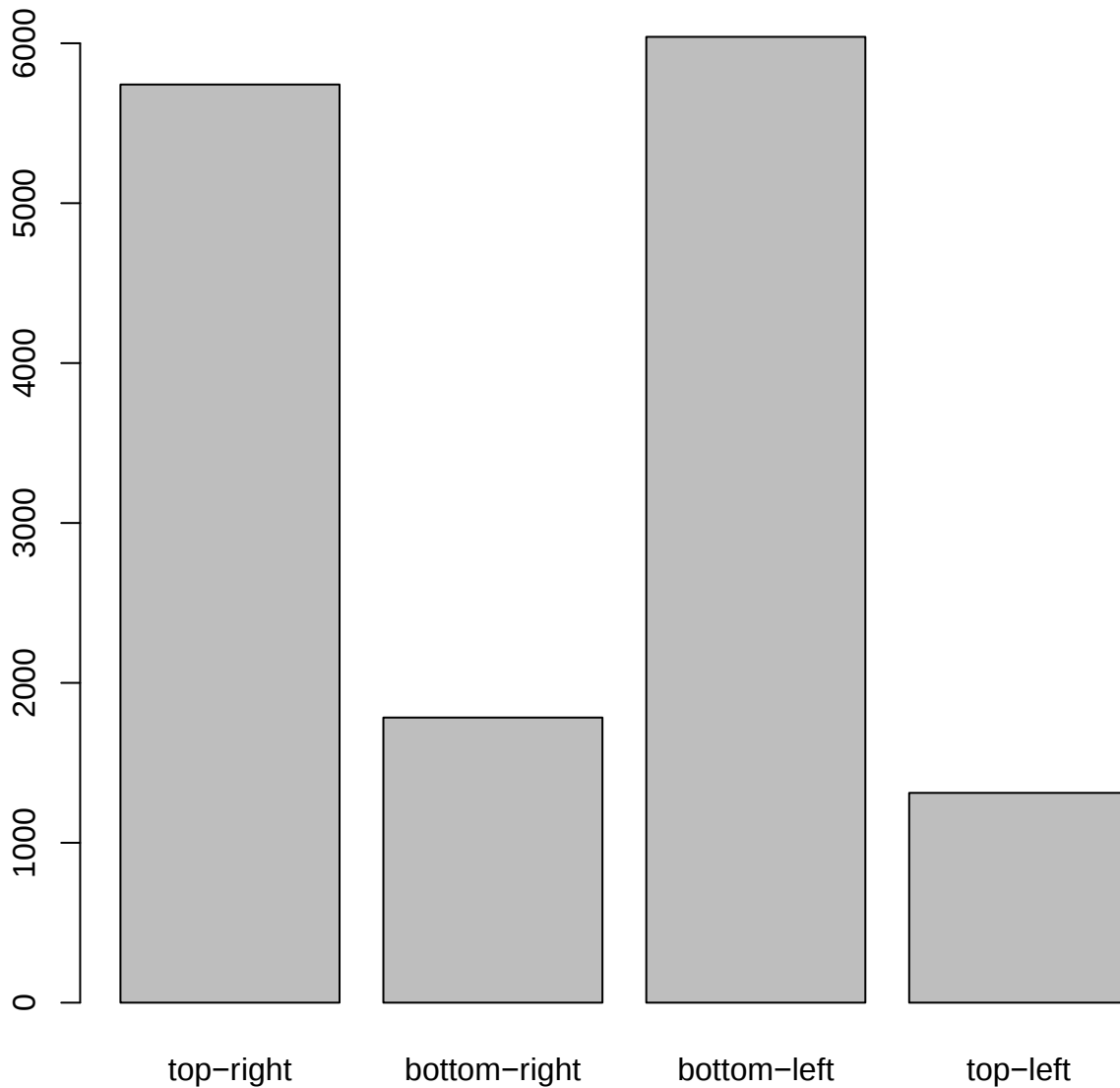
Scatterplot of all genes



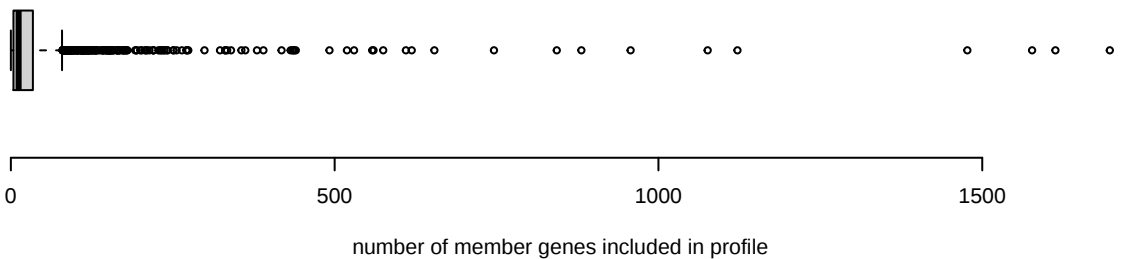
Rank–rank plot of all genes



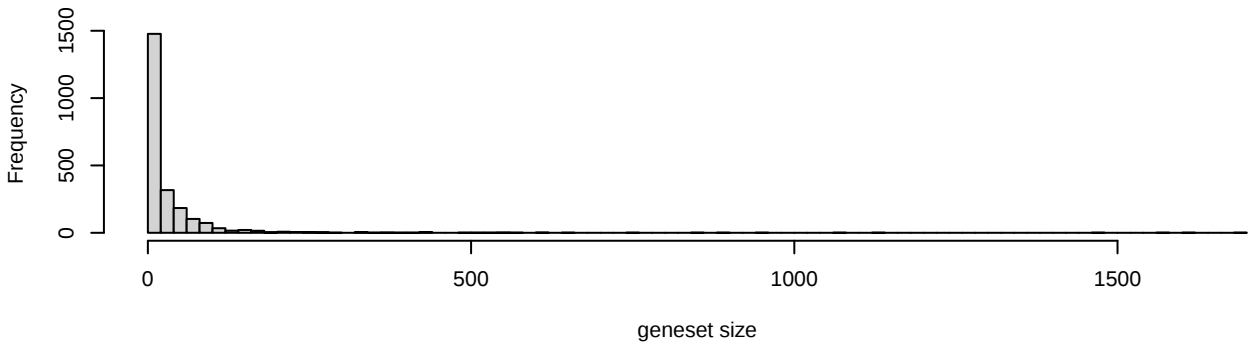
number of genes in each quadrant



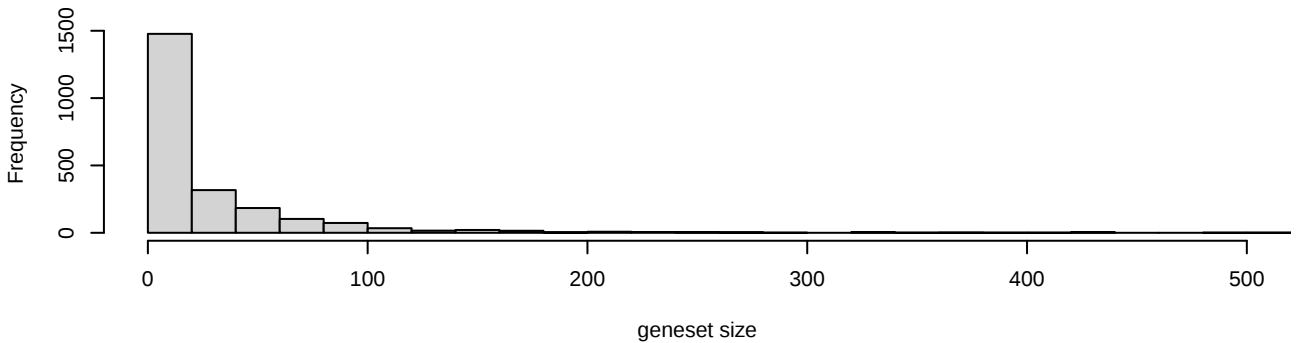
Gene set size



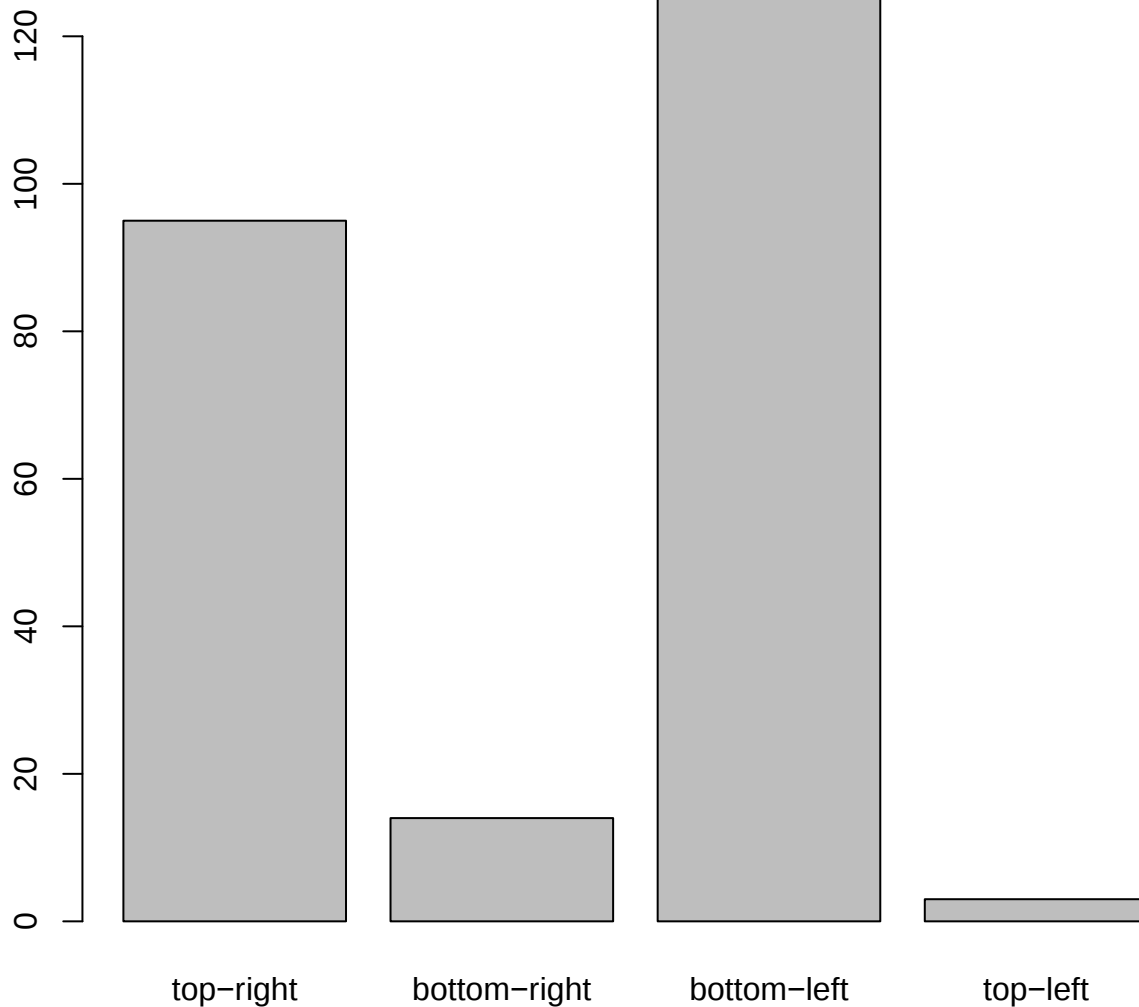
Histogram of geneset size



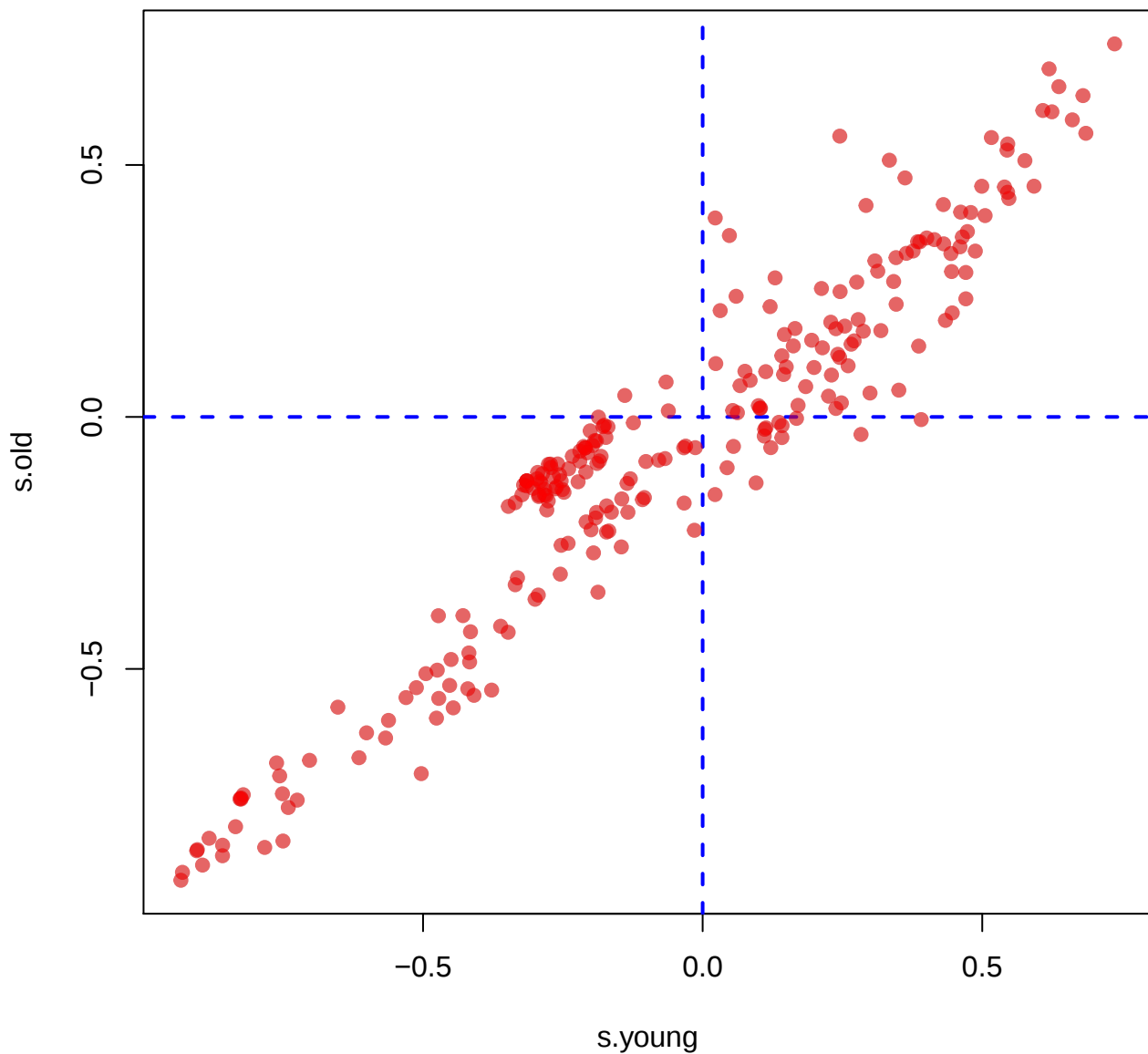
Trimmed histogram of geneset size



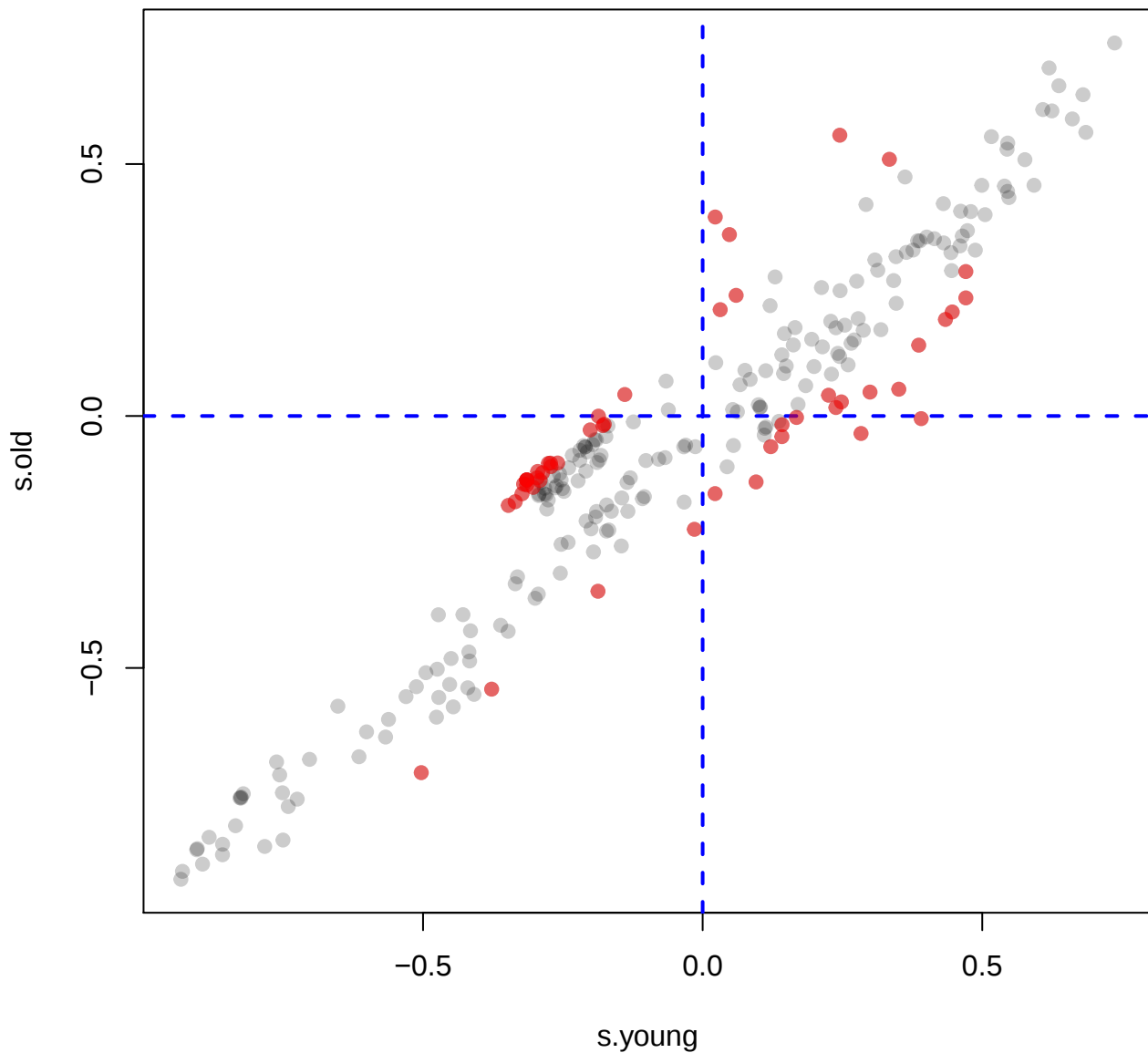
number of genesets FDR<0.05



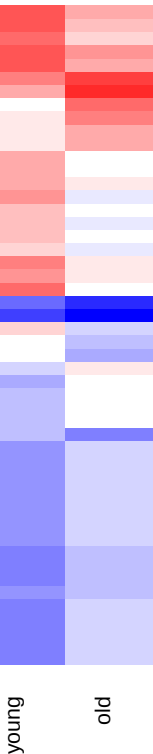
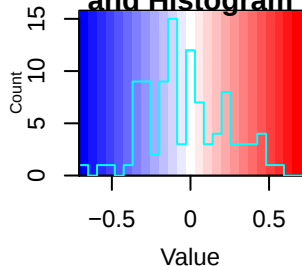
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 50 in red

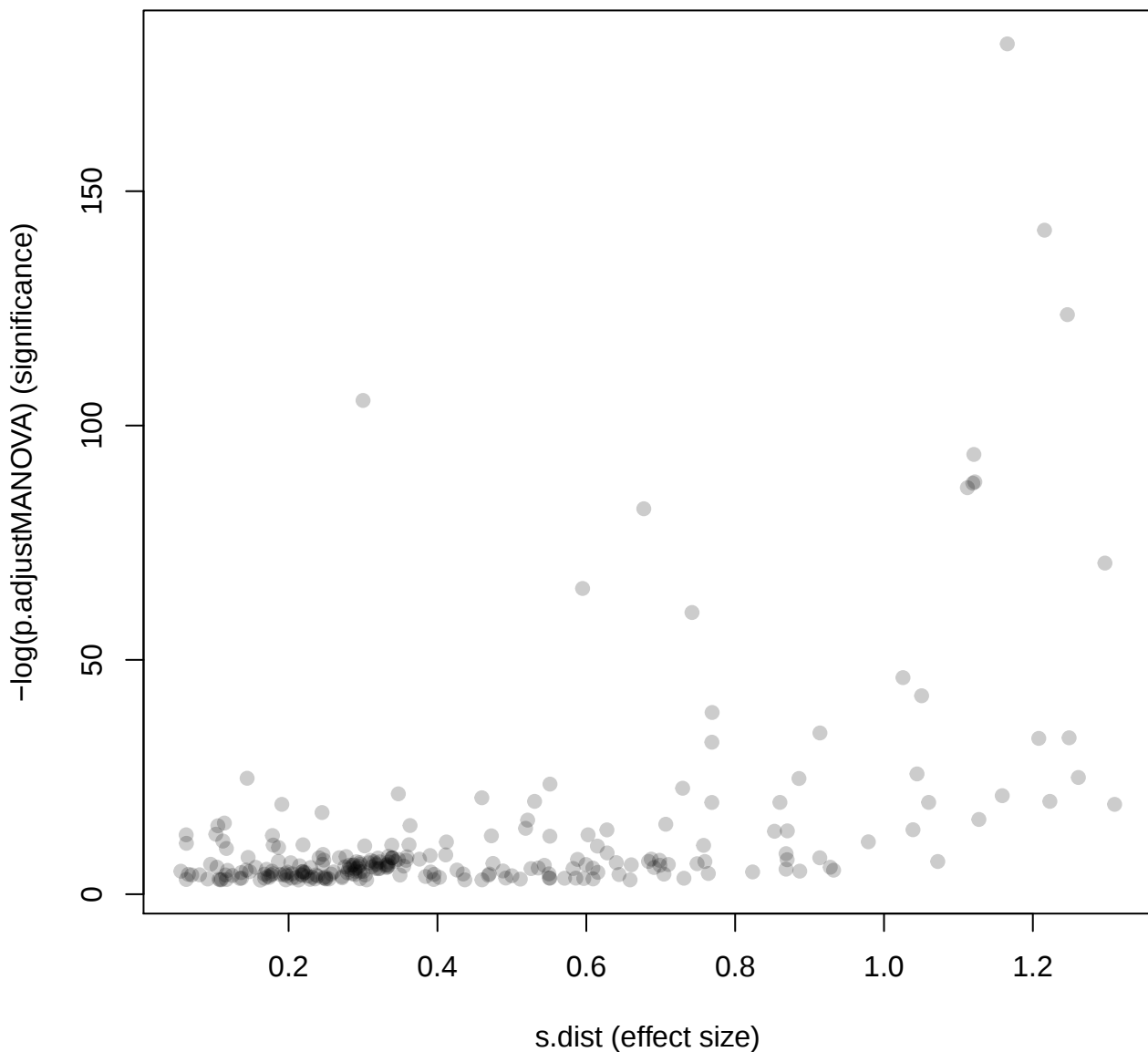


Color Key and Histogram

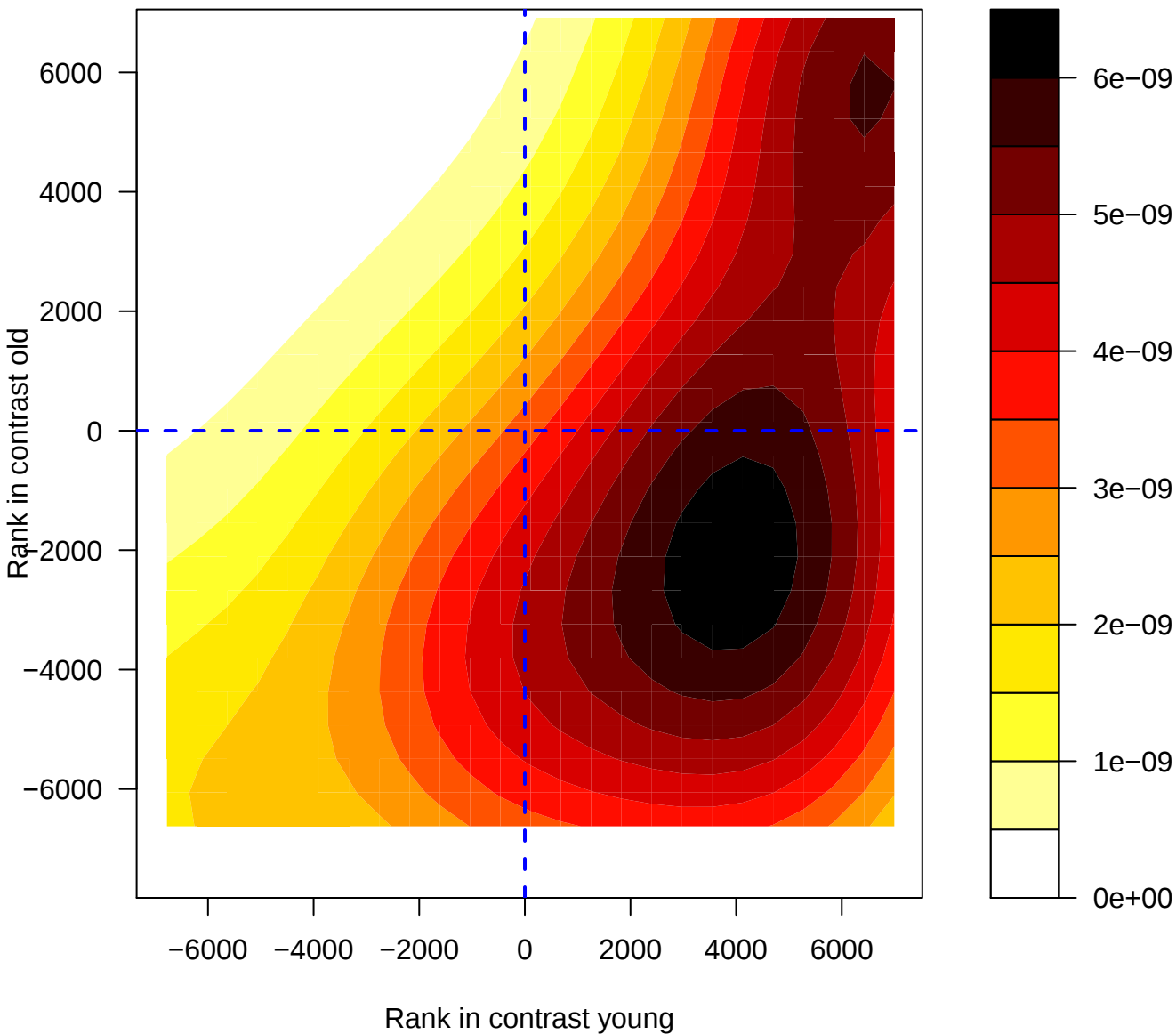


- HS-GAG-biosynthesis
- Heparan-sulfate/heparin-(HS-GAG)-metabolism
- TNFs-bind-their-physiological-receptors
- Presynaptic-depolarization-and-calcium-channel-opening
- Activation-of-the-pre-replicative-complex
- Downregulation-of-SMAD2/3:SMAD4-transcriptional-activity
- Endosomal-Sorting-Complex-Required-For-Transport-(ESCRT)
- Biosynthesis-of-the-N-glycan-precursor-(dolichol-lipid-linked-oligosaccharide)
- Intra-Golgi-traffic
- N-glycan-antennae-elongation-in-the-medial/trans-Golgi
- Termination-of-O-glycan-biosynthesis
- Triglyceride-catabolism
- Protein-ubiquitination
- DNA-Replication-Pre-Initiation
- Assembly-of-the-pre-replicative-complex
- The-role-of-GTSE1-in-G2/M-progression-after-G2-checkpoint
- Degradation-of-AXIN
- Ubiquitin-dependent-degradation-of-Cyclin-D
- AUF1-(hnRNP-D0)-binds-and-destabilizes-mRNA
- CDT1-association-with-the-CDC6:ORC:origin-complex
- Vif-mediated-degradation-of-APOBEC3G
- Vpu-mediated-degradation-of-CD4
- Regulation-of-activated-PAK-2p34-by-proteasome-mediated-degradation
- p53-Independent-G1/S-DNA-damage-checkpoint
- Ubiquitin-Mediated-Degradation-of-Phosphorylated-Cdc25A

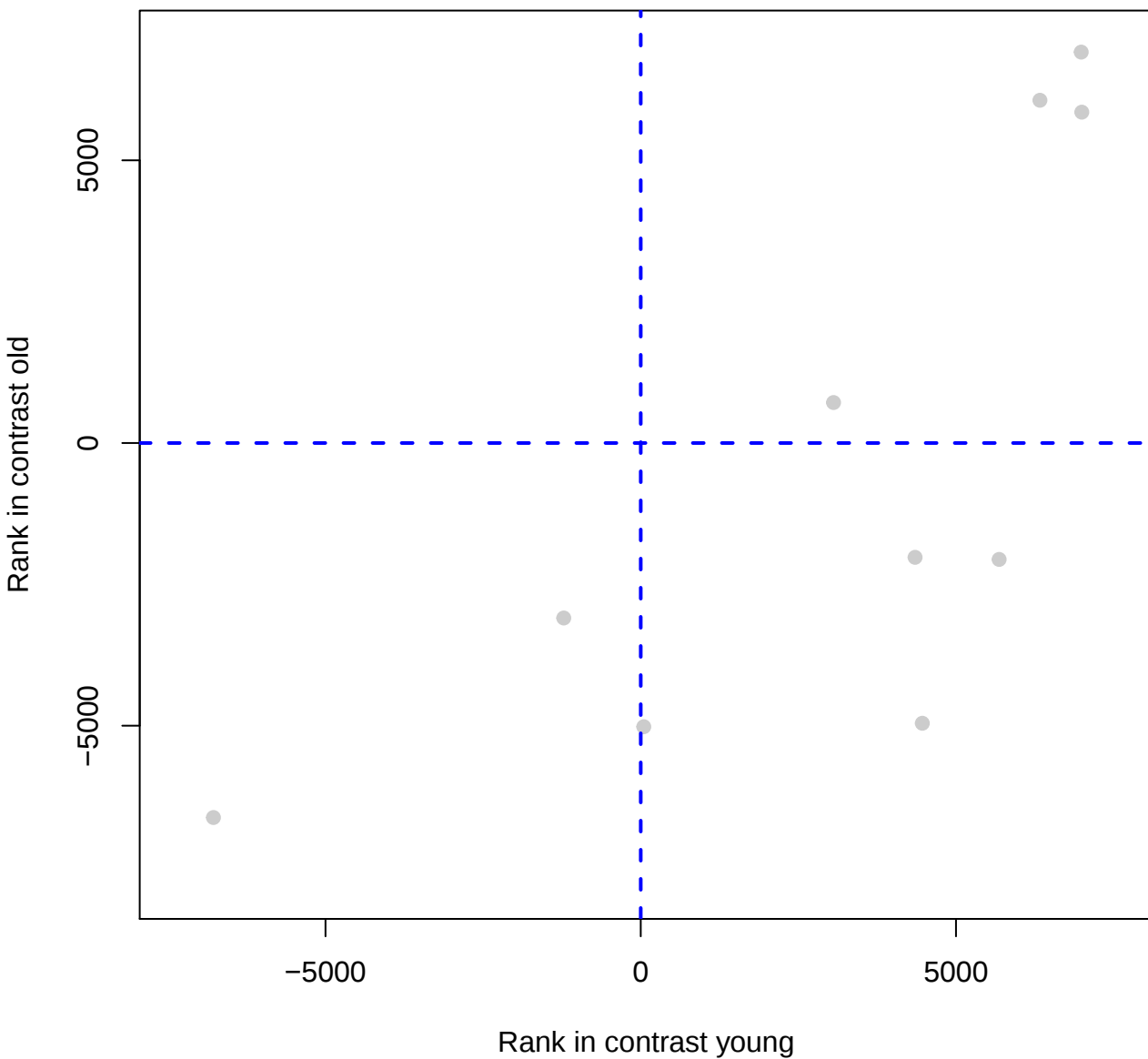
effect size versus statistical significance



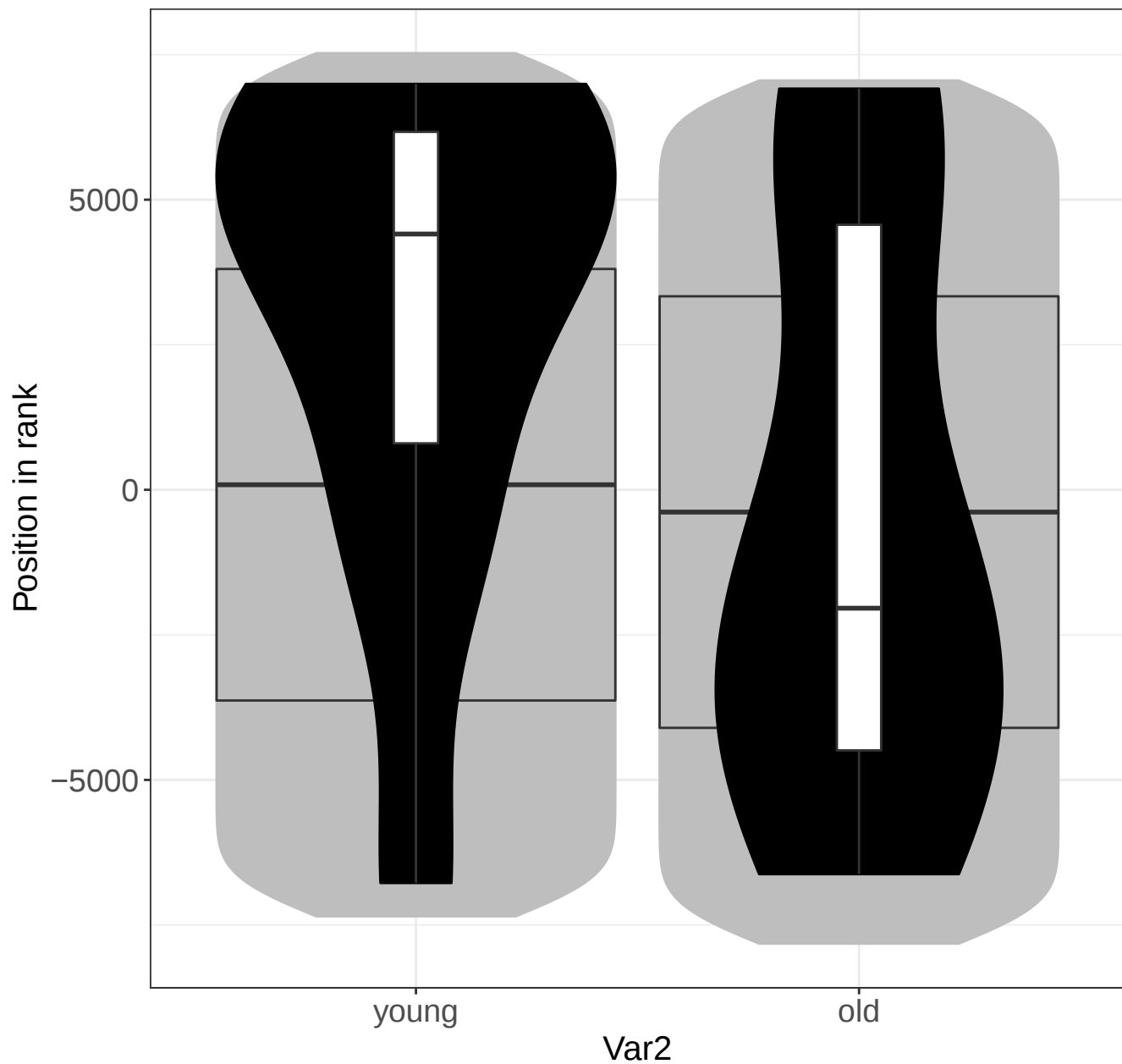
Termination-of-O-glycan-biosynthesis



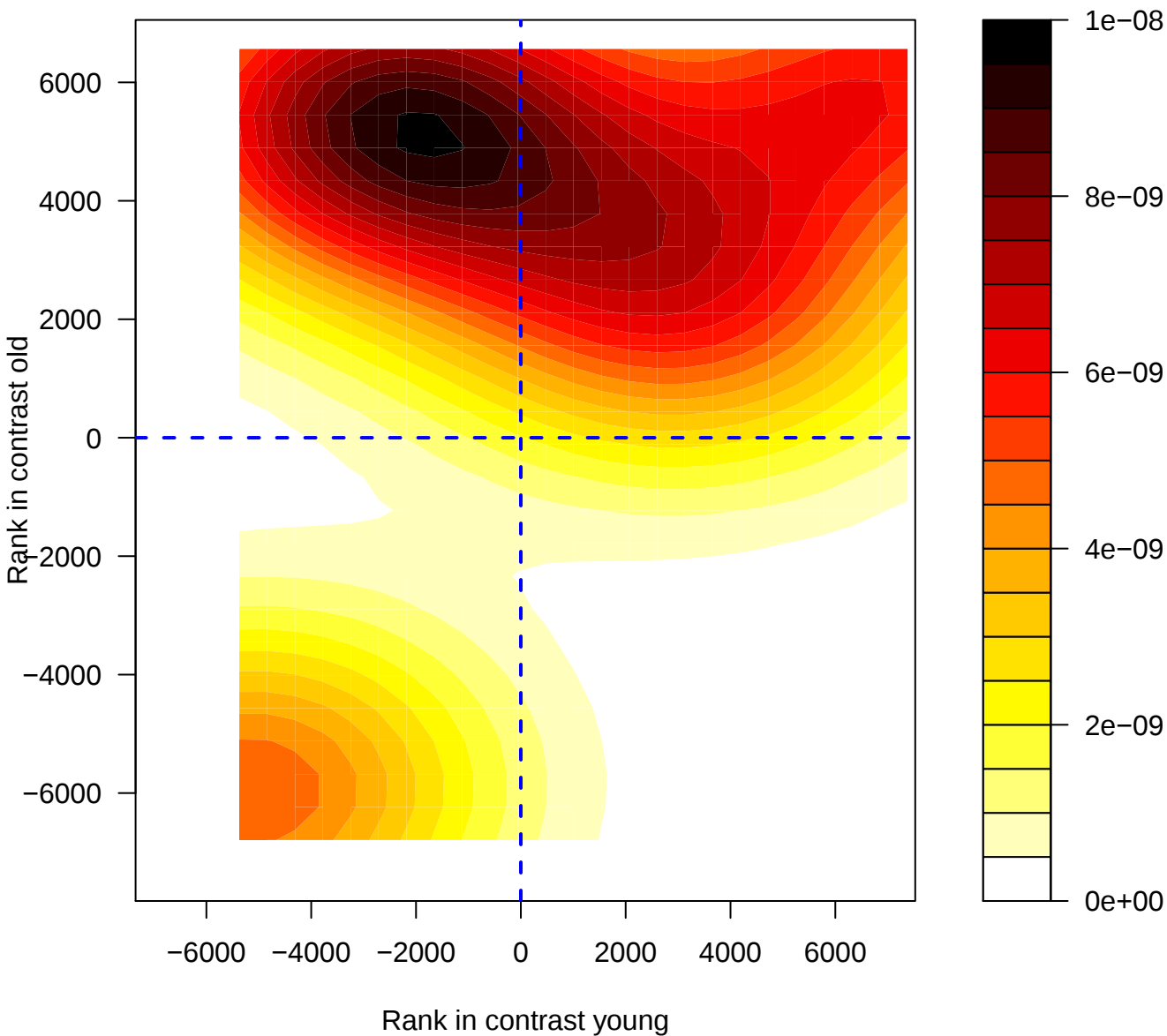
Termination-of-O-glycan-biosynthesis



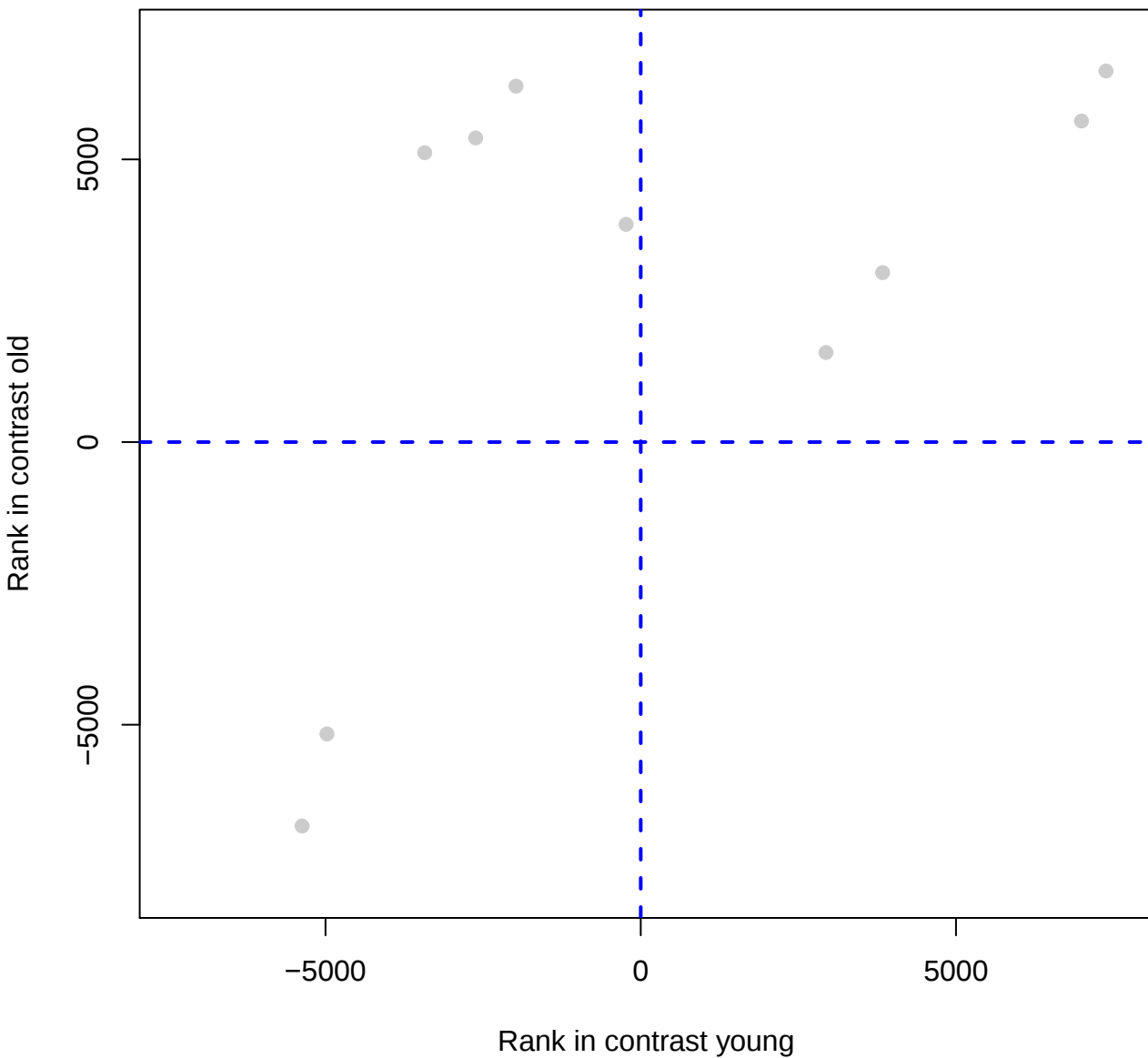
Termination-of-O-glycan-biosynthesis



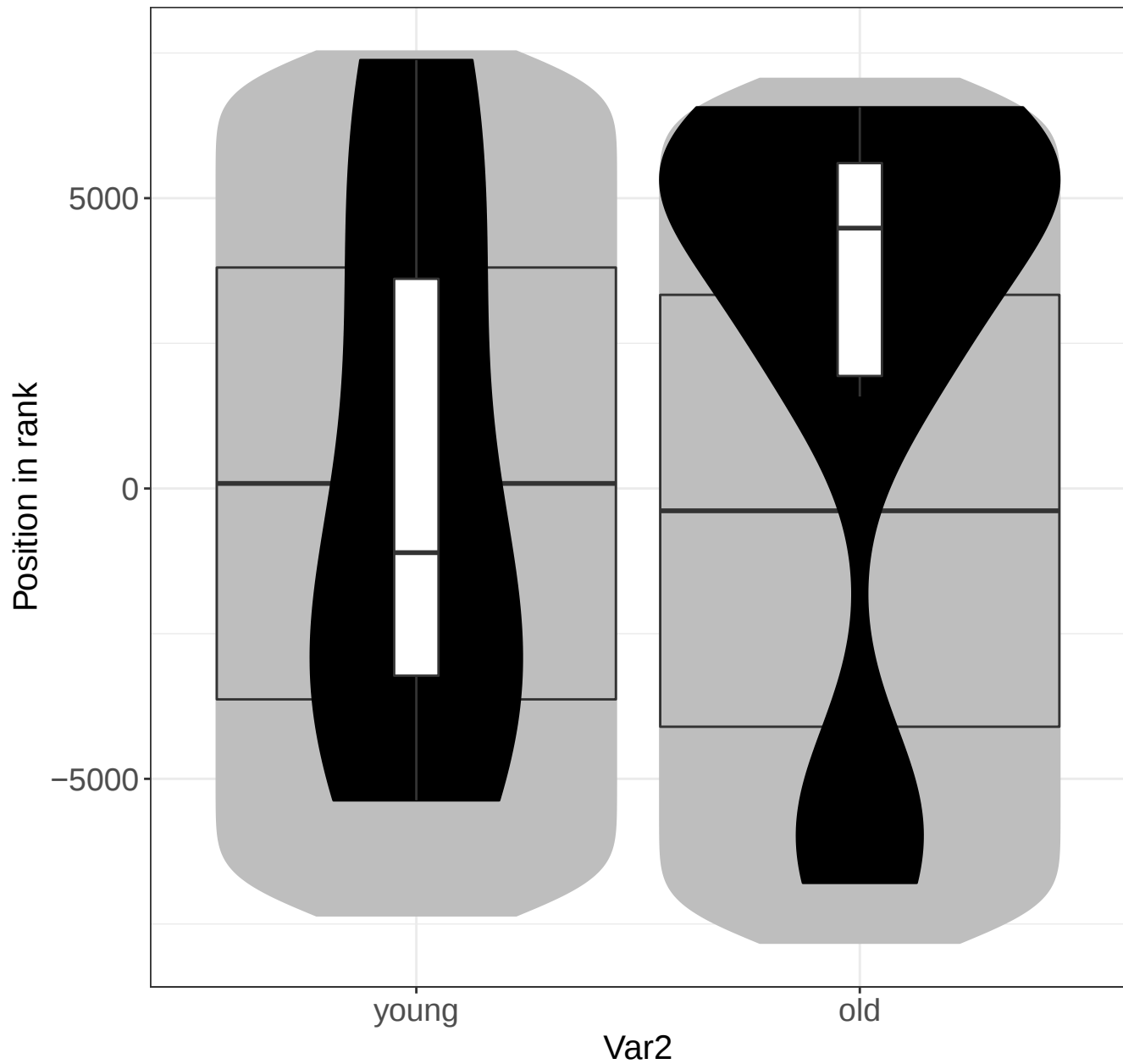
Presynaptic-depolarization-and-calcium-channel-openi



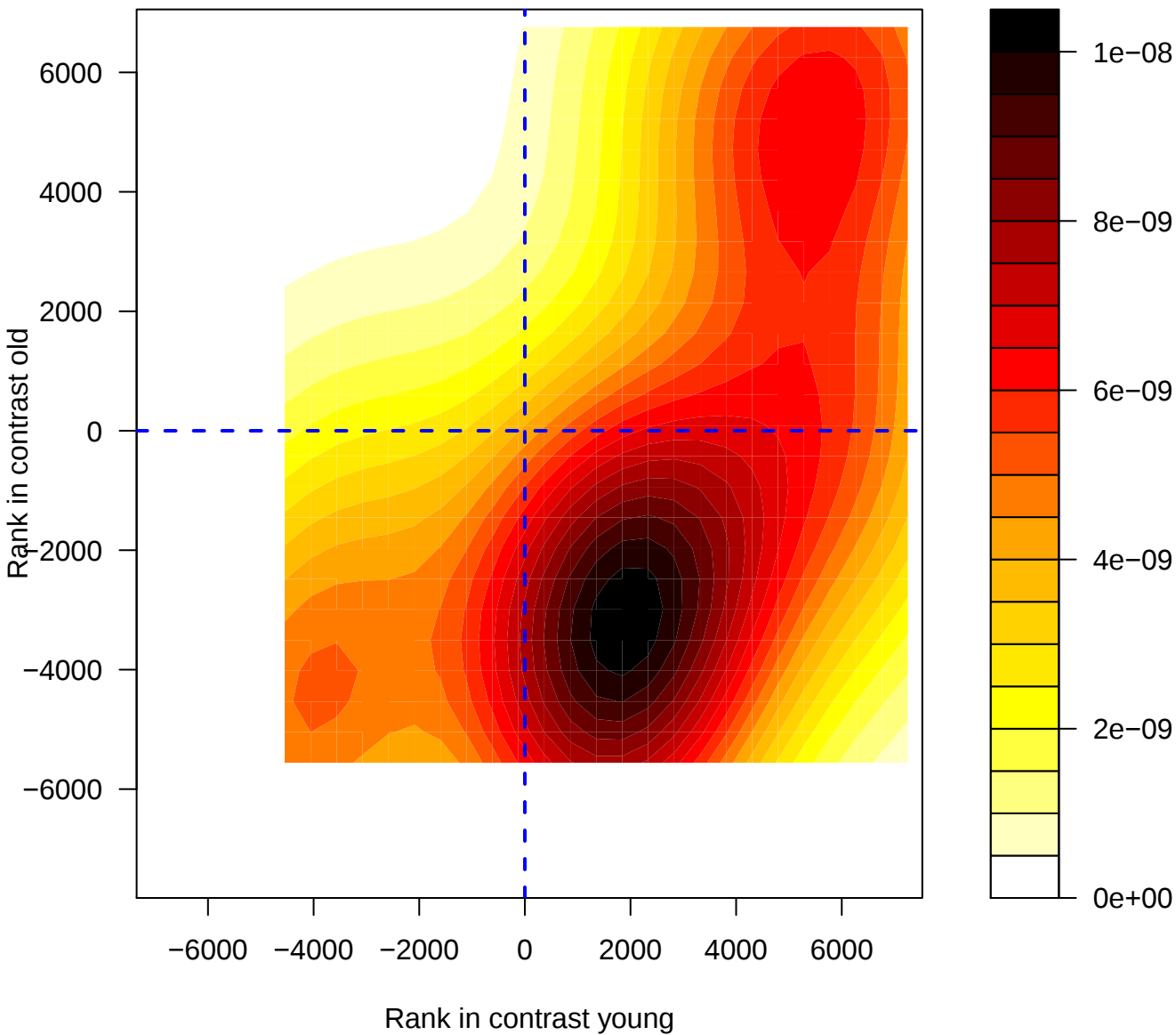
Presynaptic-depolarization-and-calcium-channel-opening



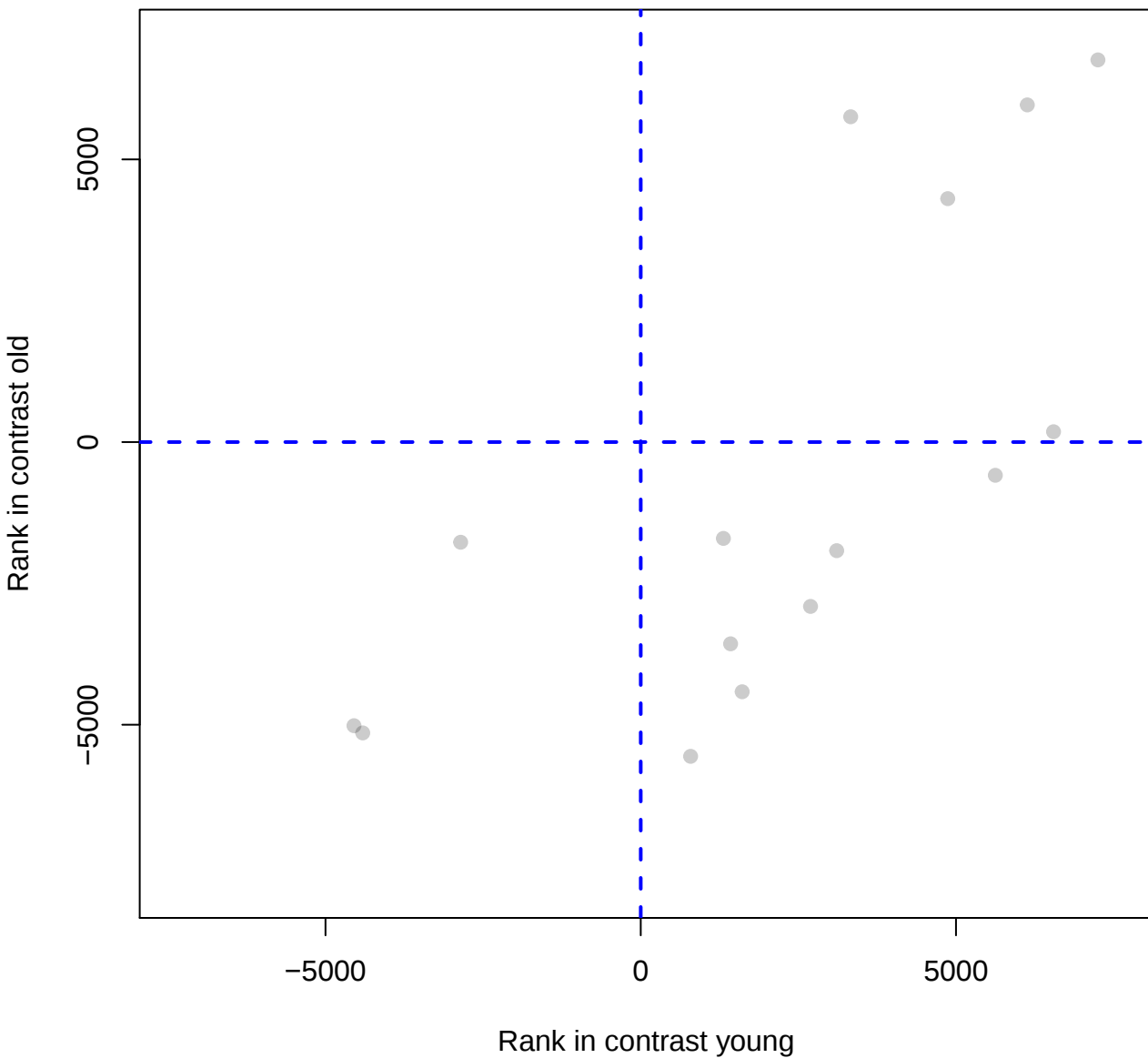
Presynaptic-depolarization-and-calcium-channel



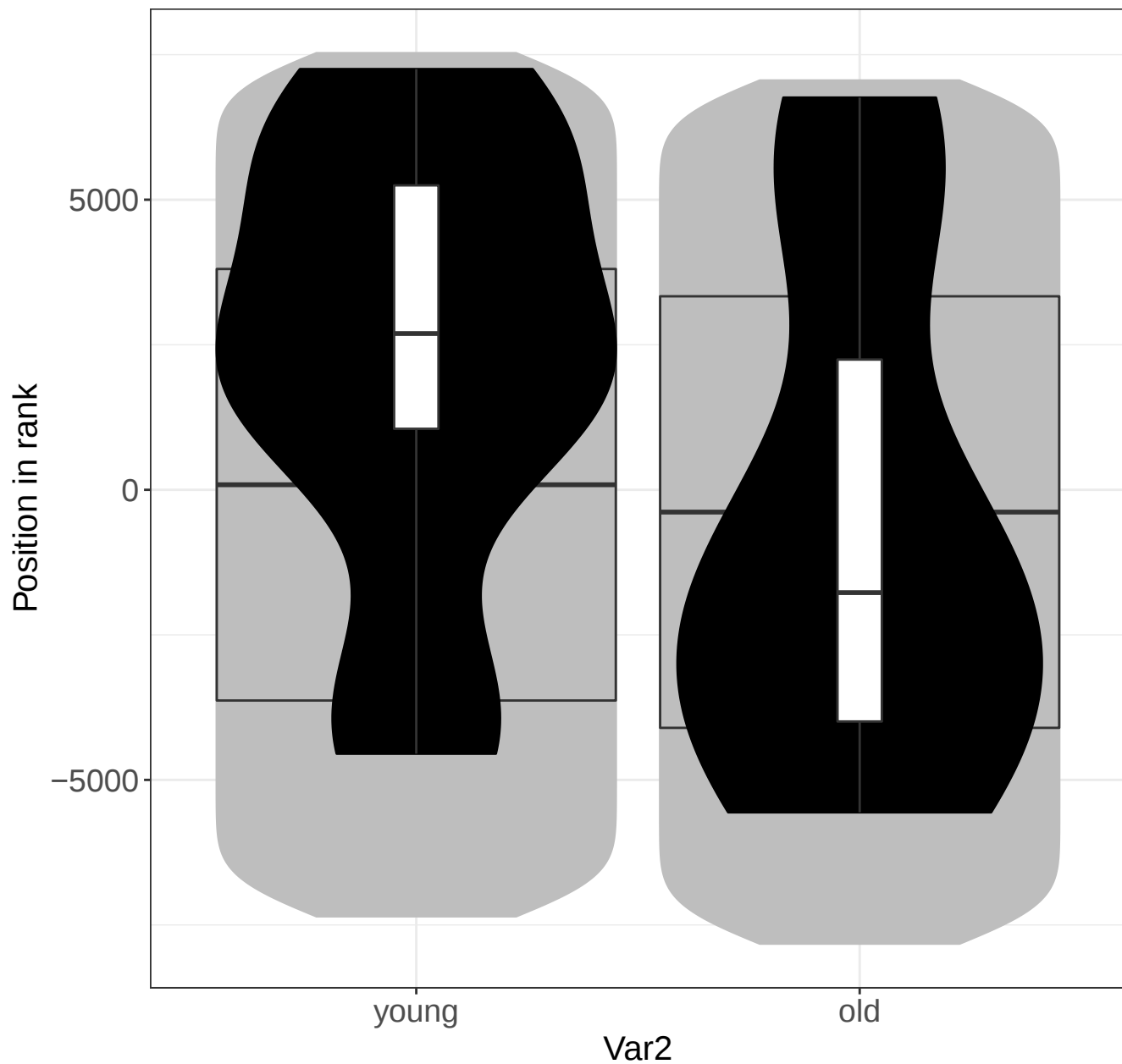
Synaptic-adhesion-like-molecules



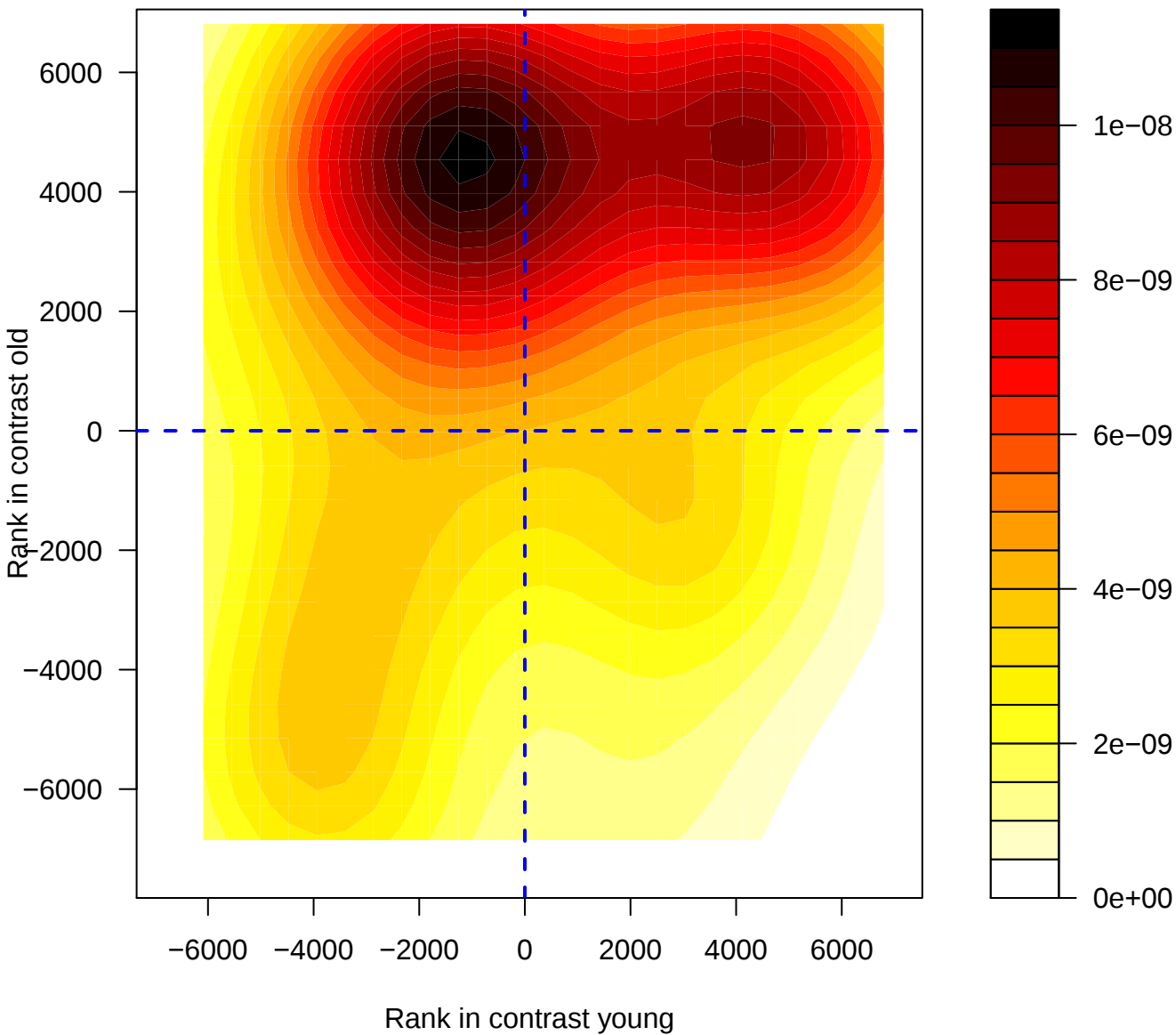
Synaptic-adhesion-like-molecules



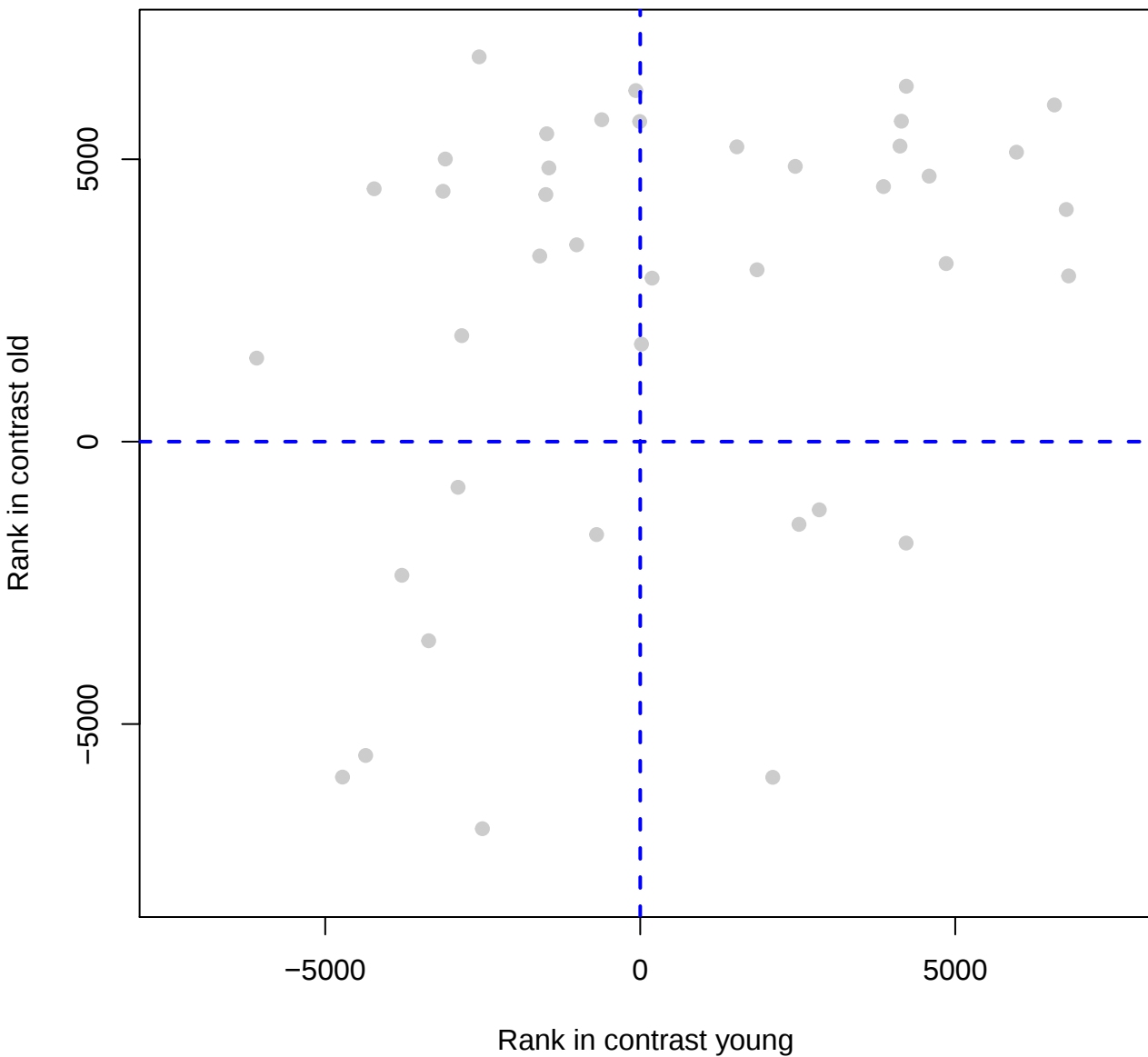
Synaptic-adhesion-like-molecules



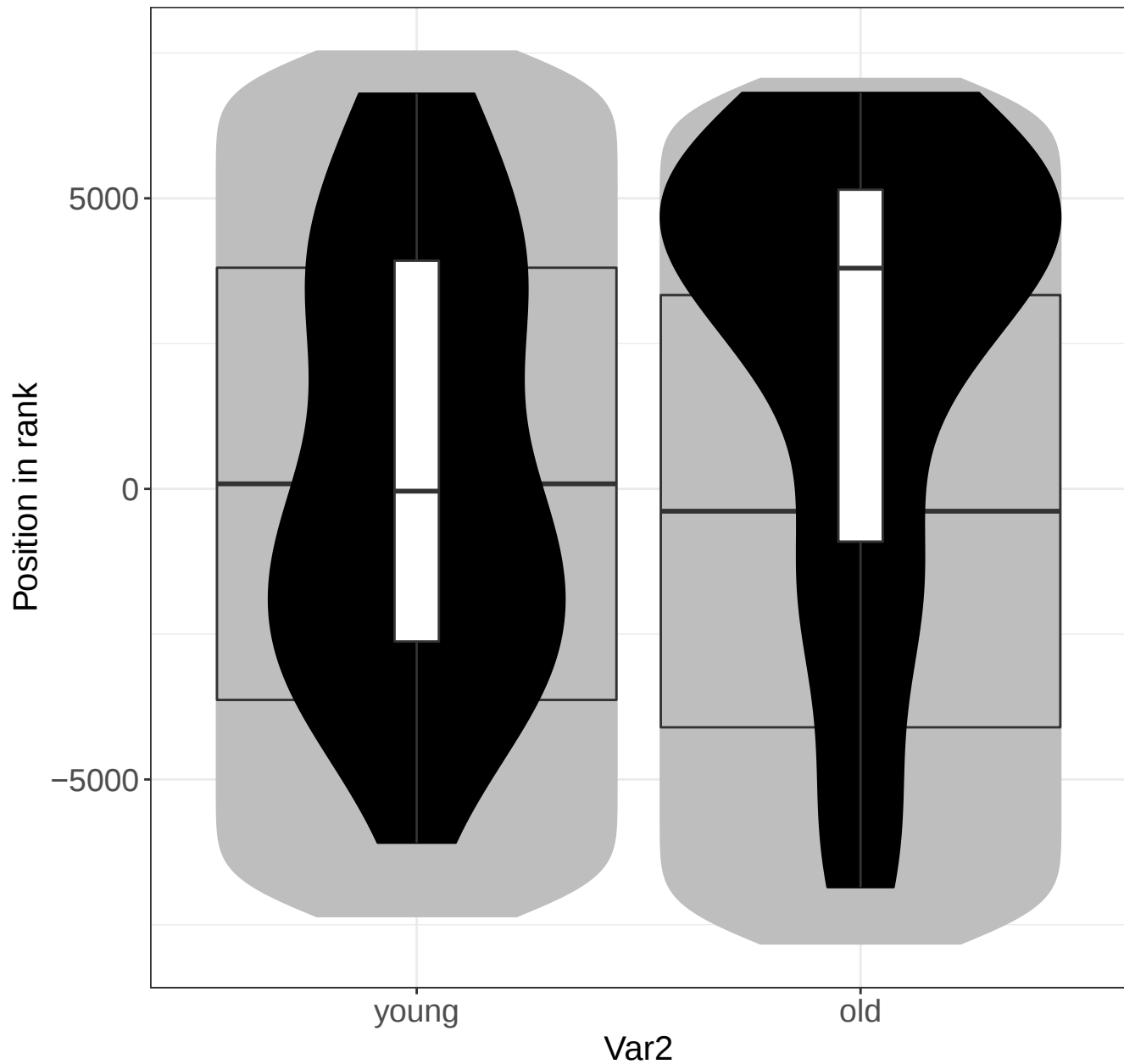
Interferon- α/β -signaling



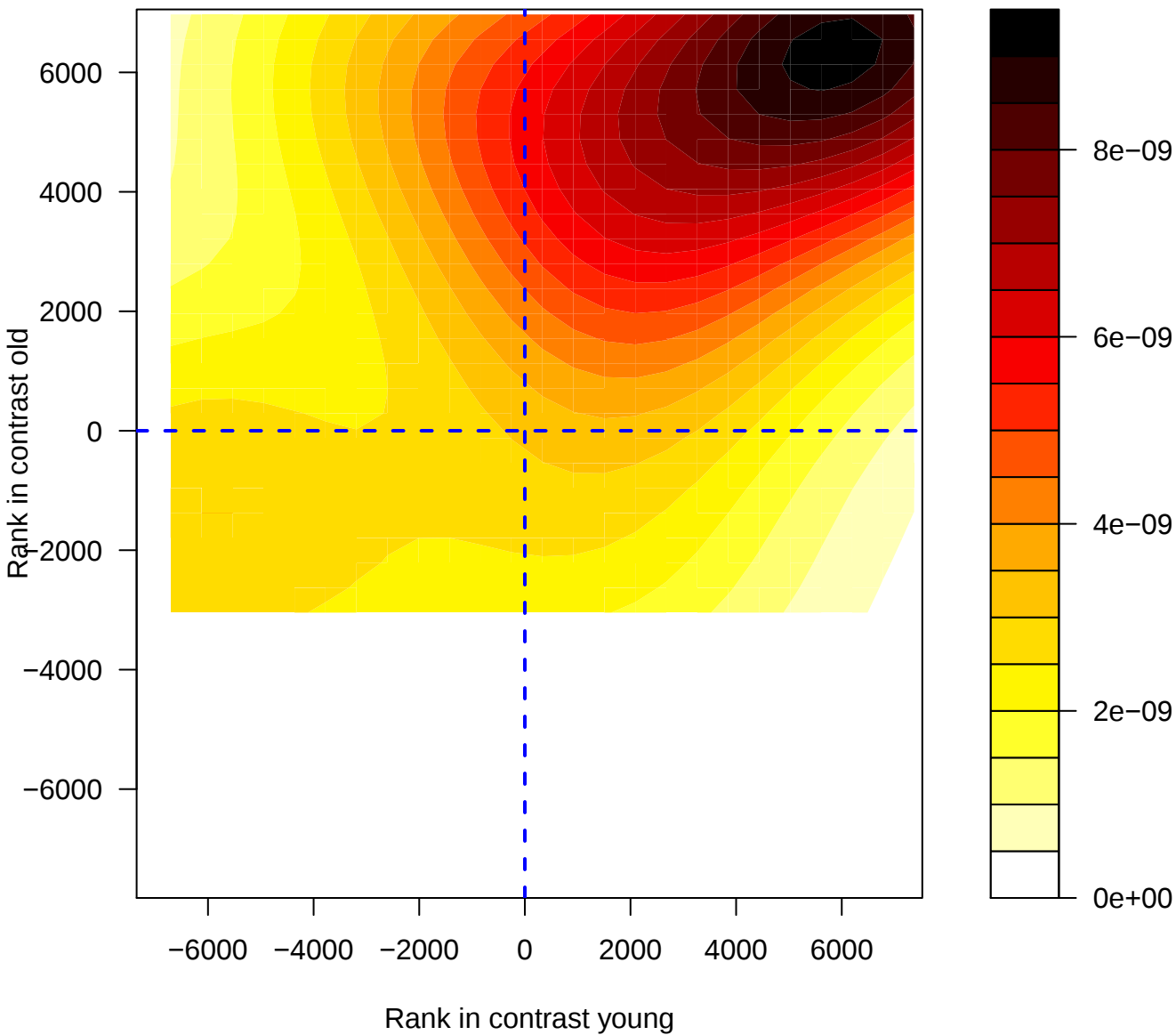
Interferon- α /beta-signaling



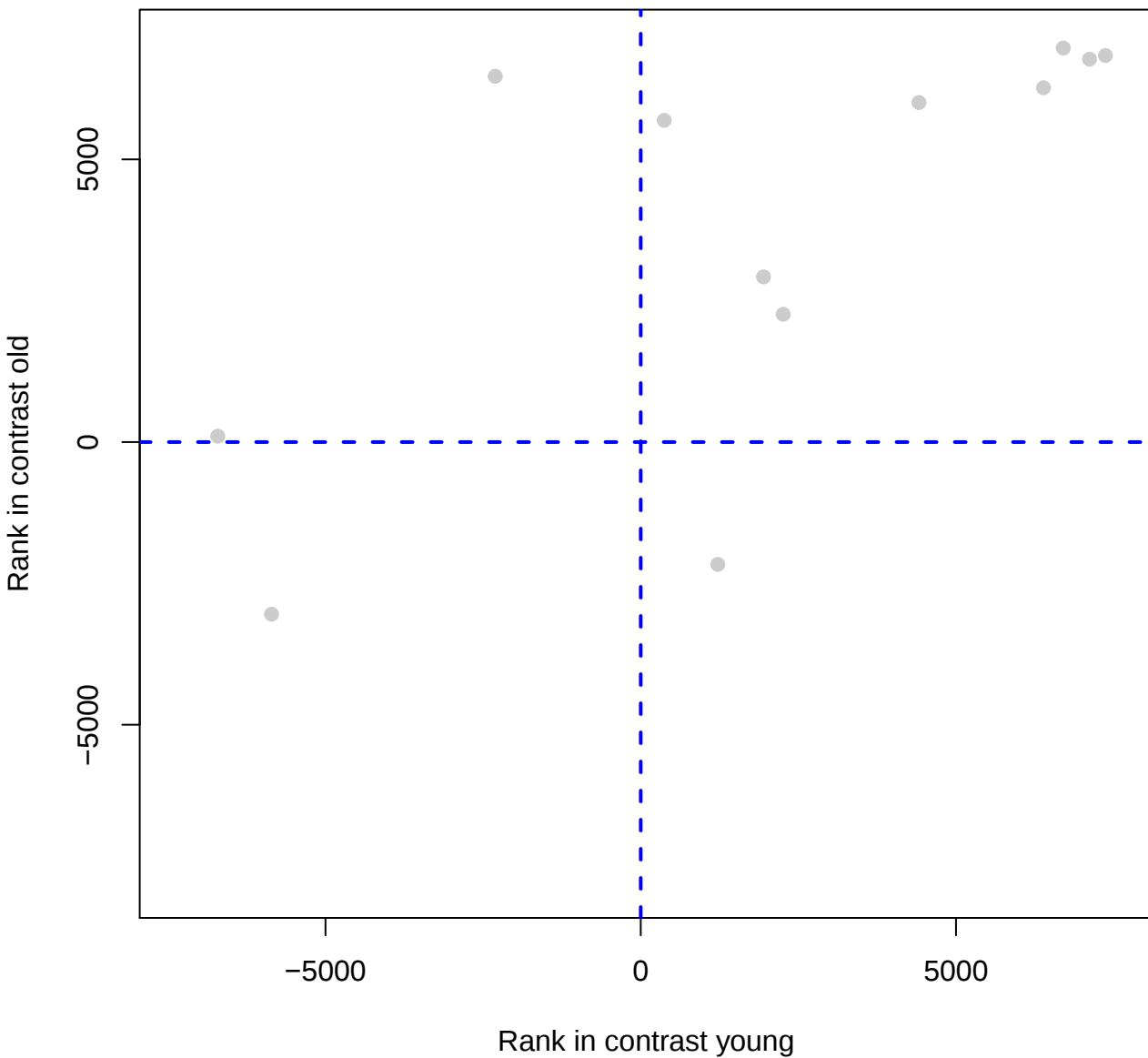
Interferon- α /beta-signaling



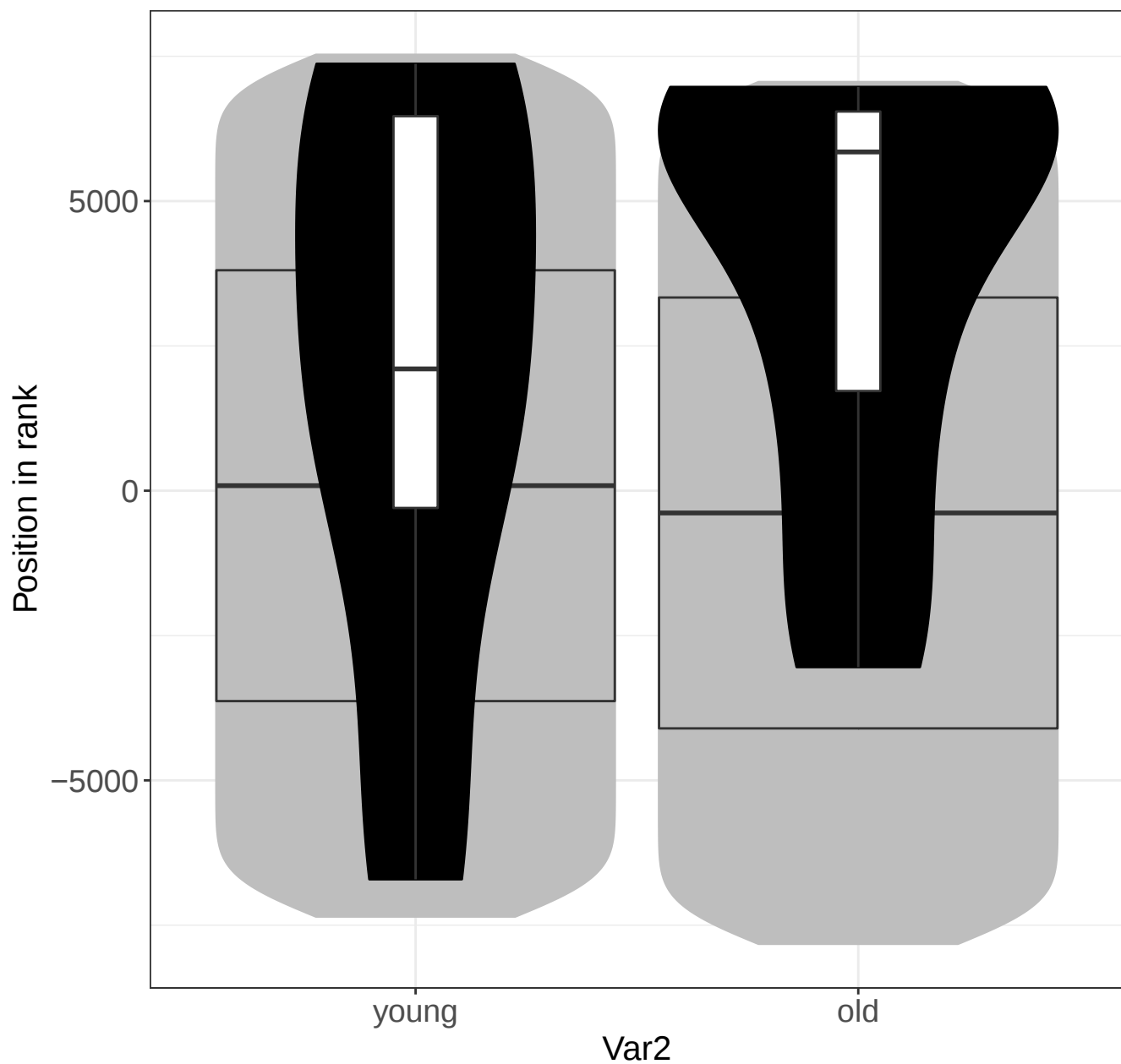
The-canonical-retinoid-cycle-in-rods-(twilight-vision



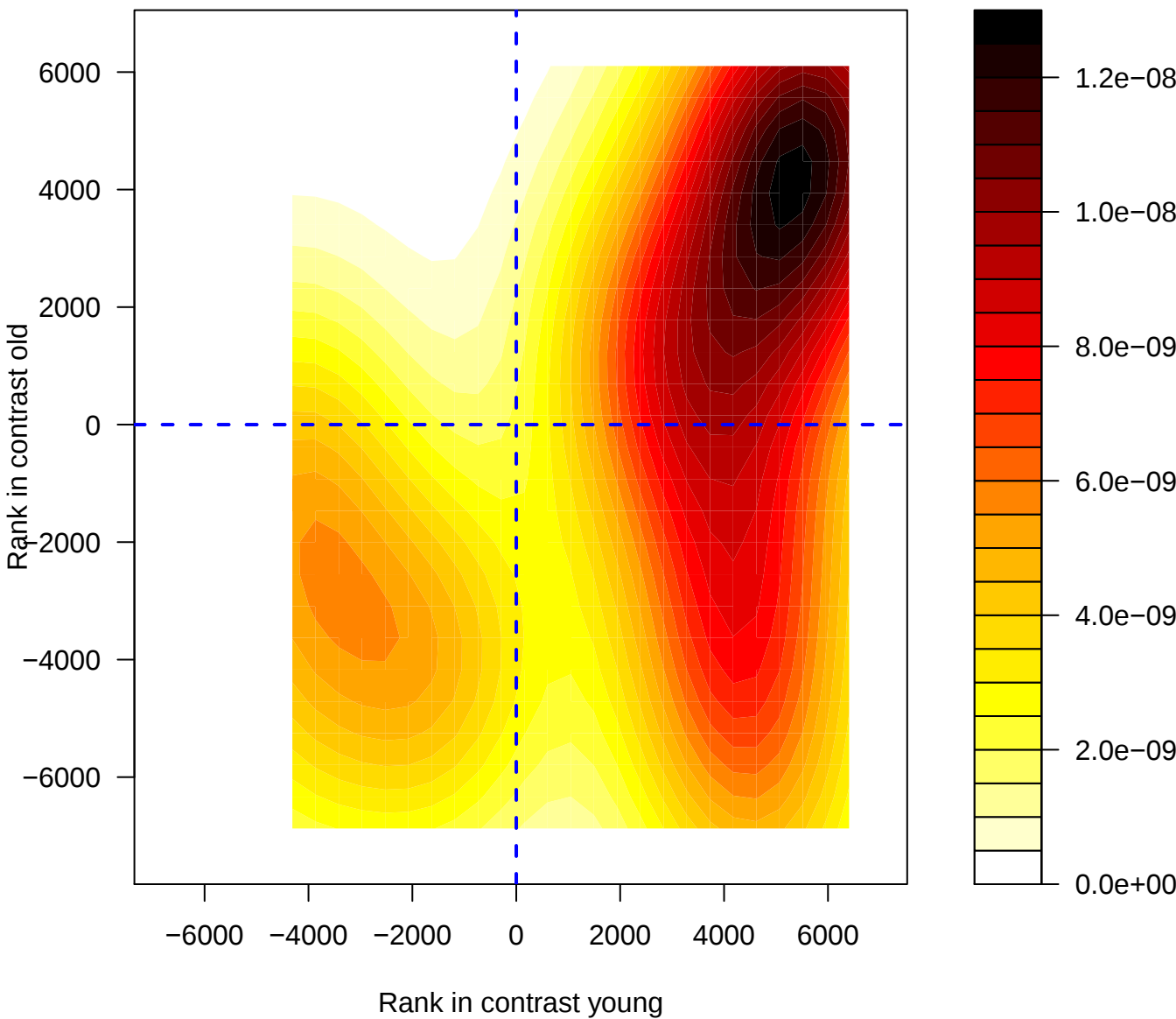
The-canonical-retinoid-cycle-in-rods-(twilight-vision)



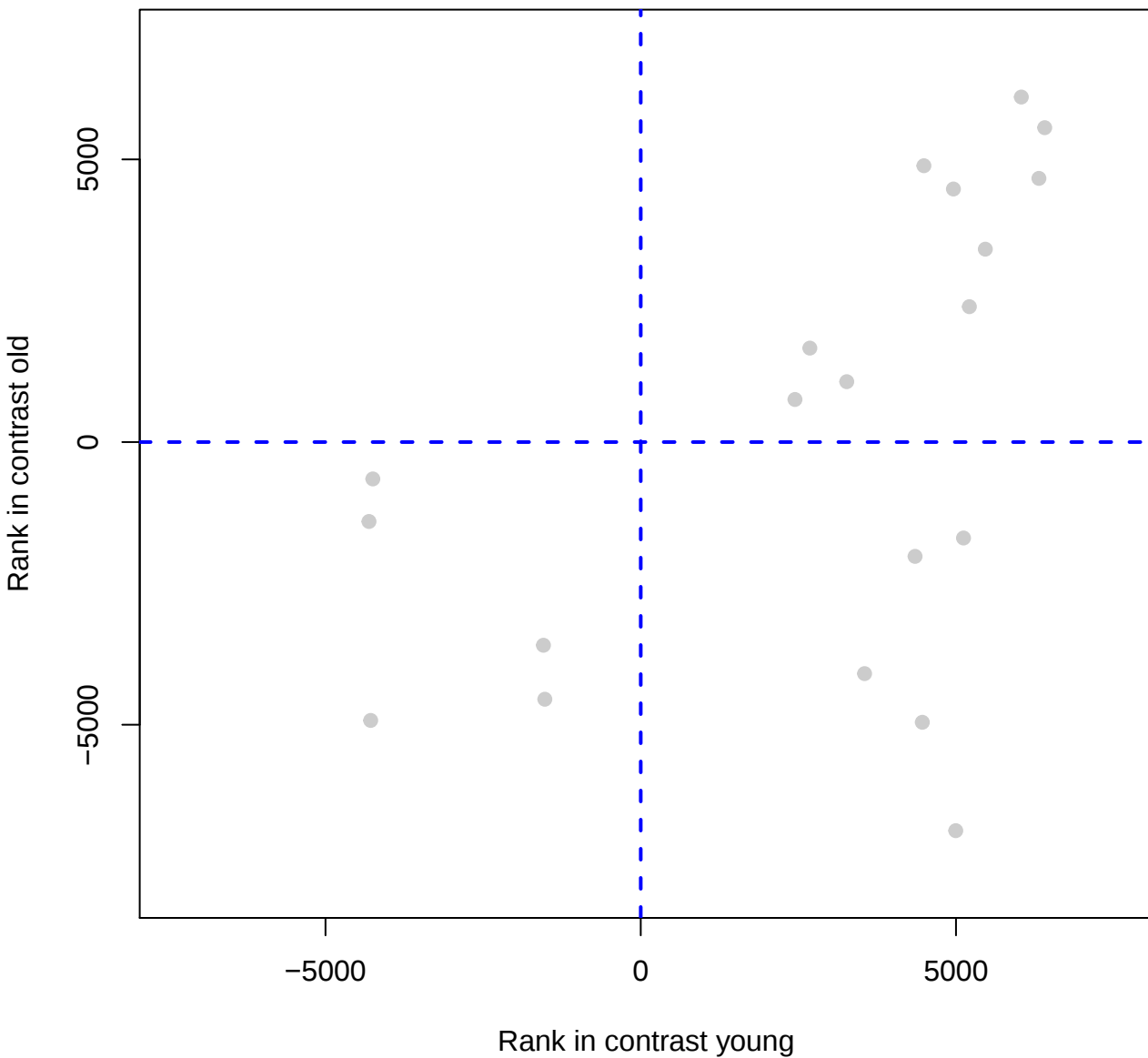
The-canonical-retinoid-cycle-in-rods-(twilight-v



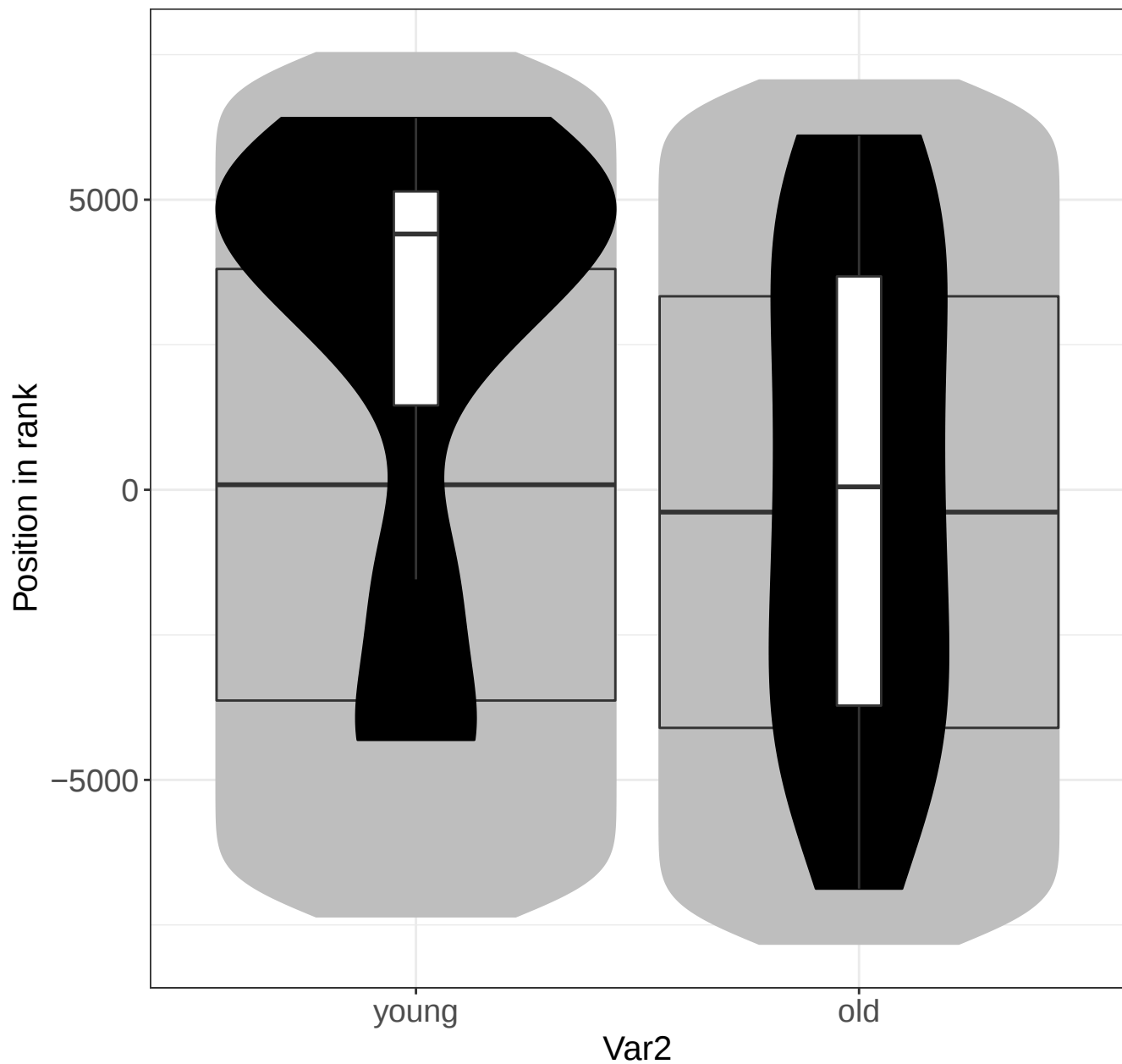
N-glycan-antennae-elongation-in-the-medial/trans-Go



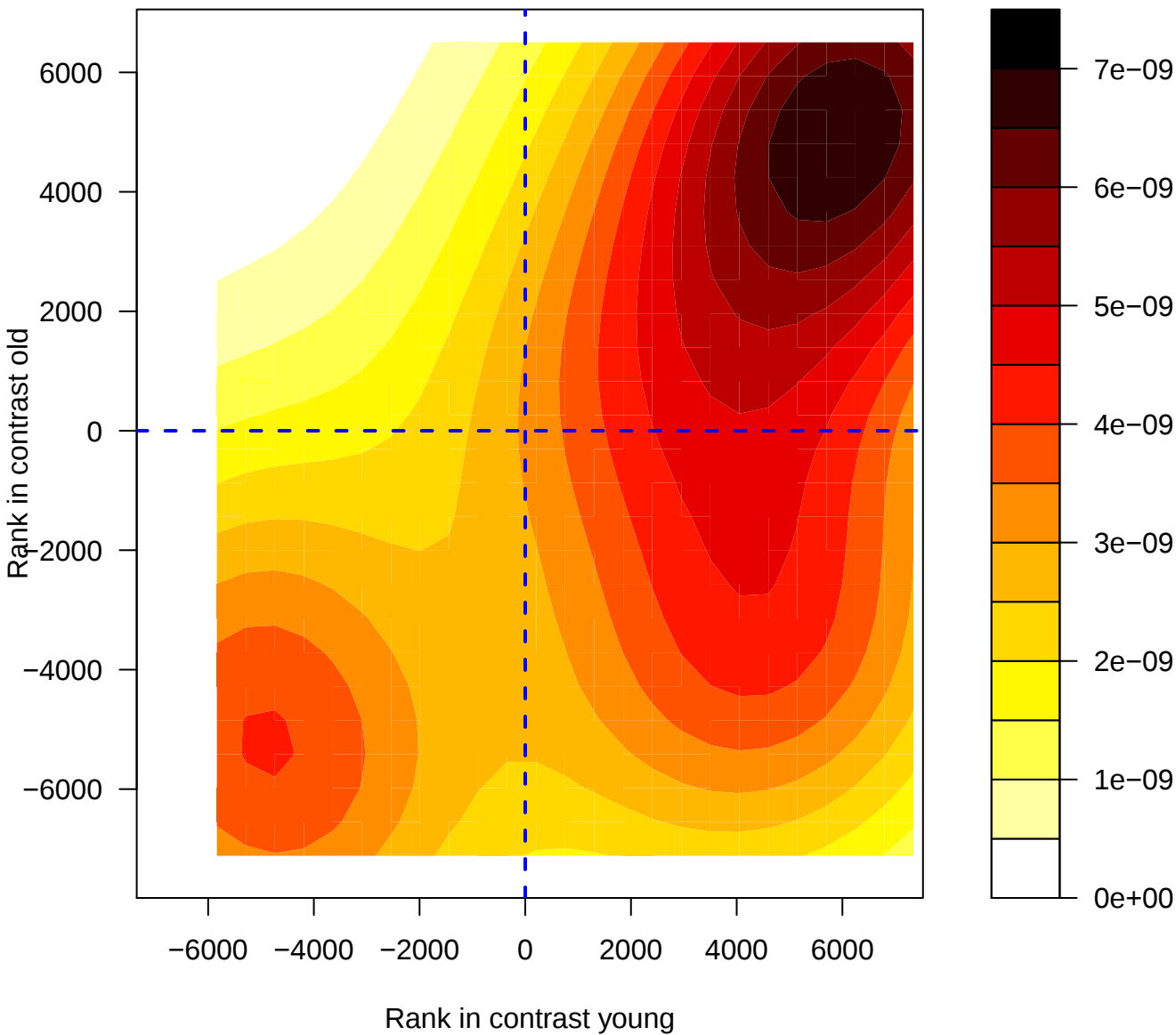
N-glycan-antennae-elongation-in-the-medial/trans-Golgi



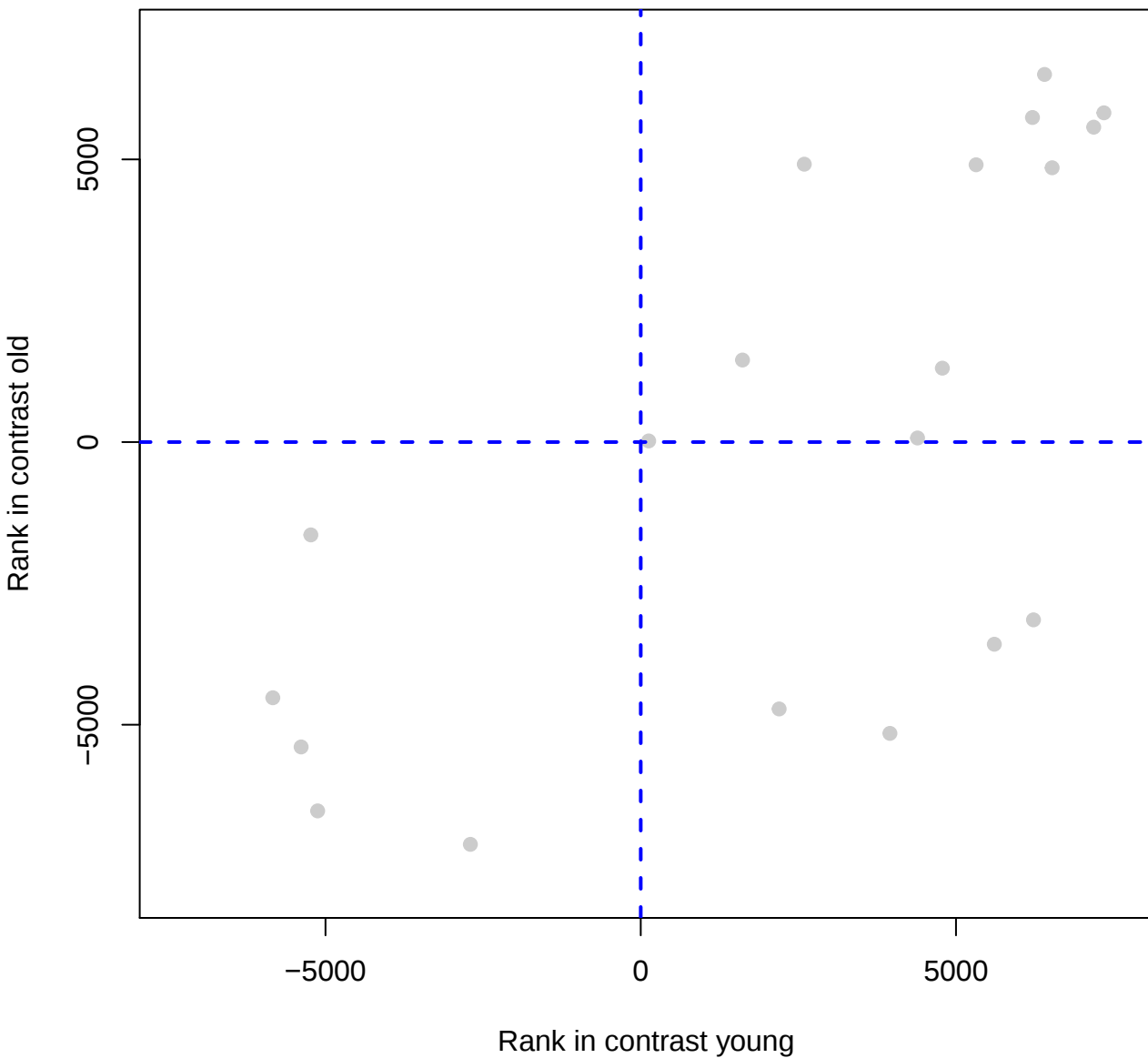
N-glycan-antennae-elongation-in-the-medial/tr



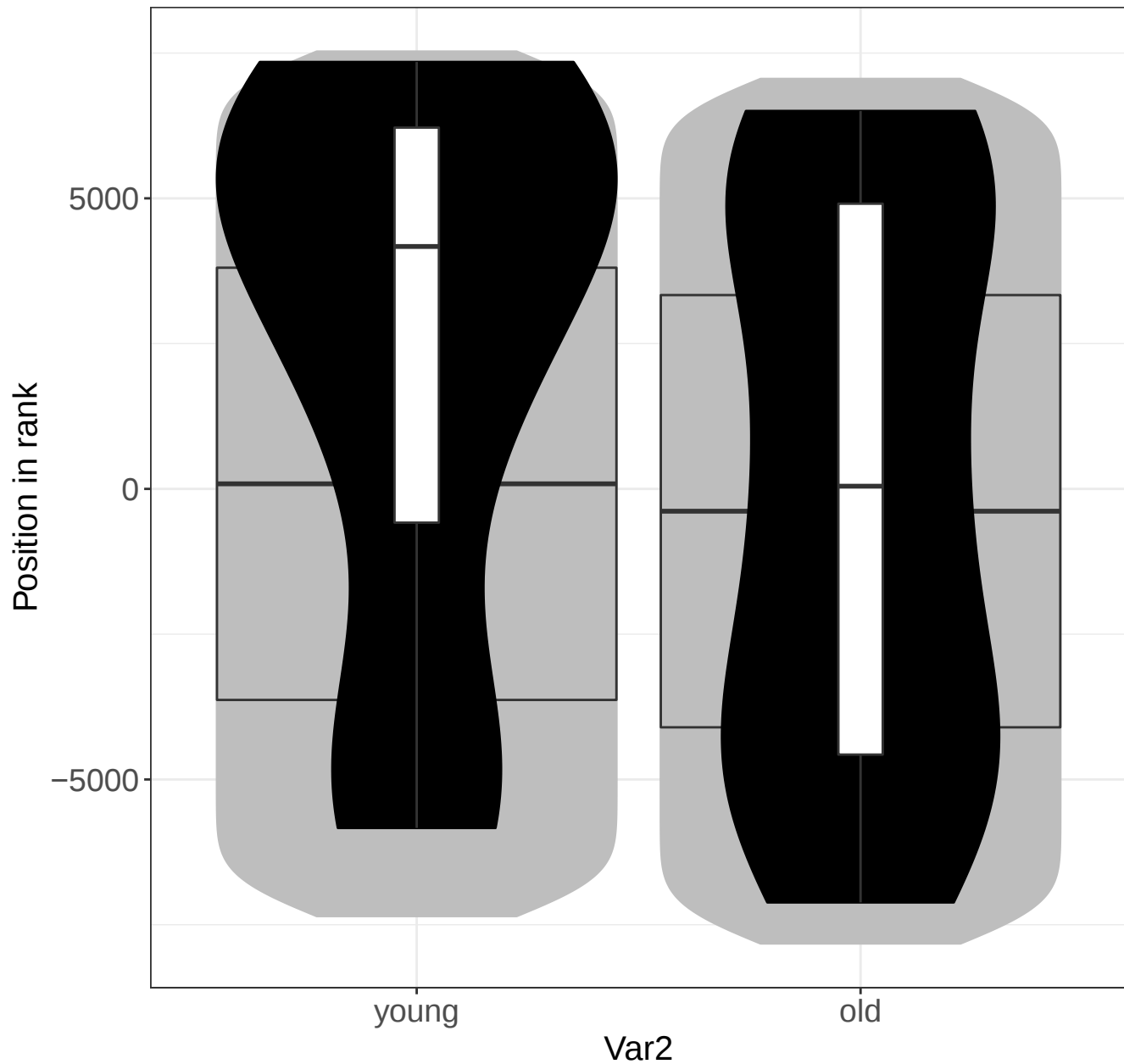
Chemokine-receptors-bind-chemokines



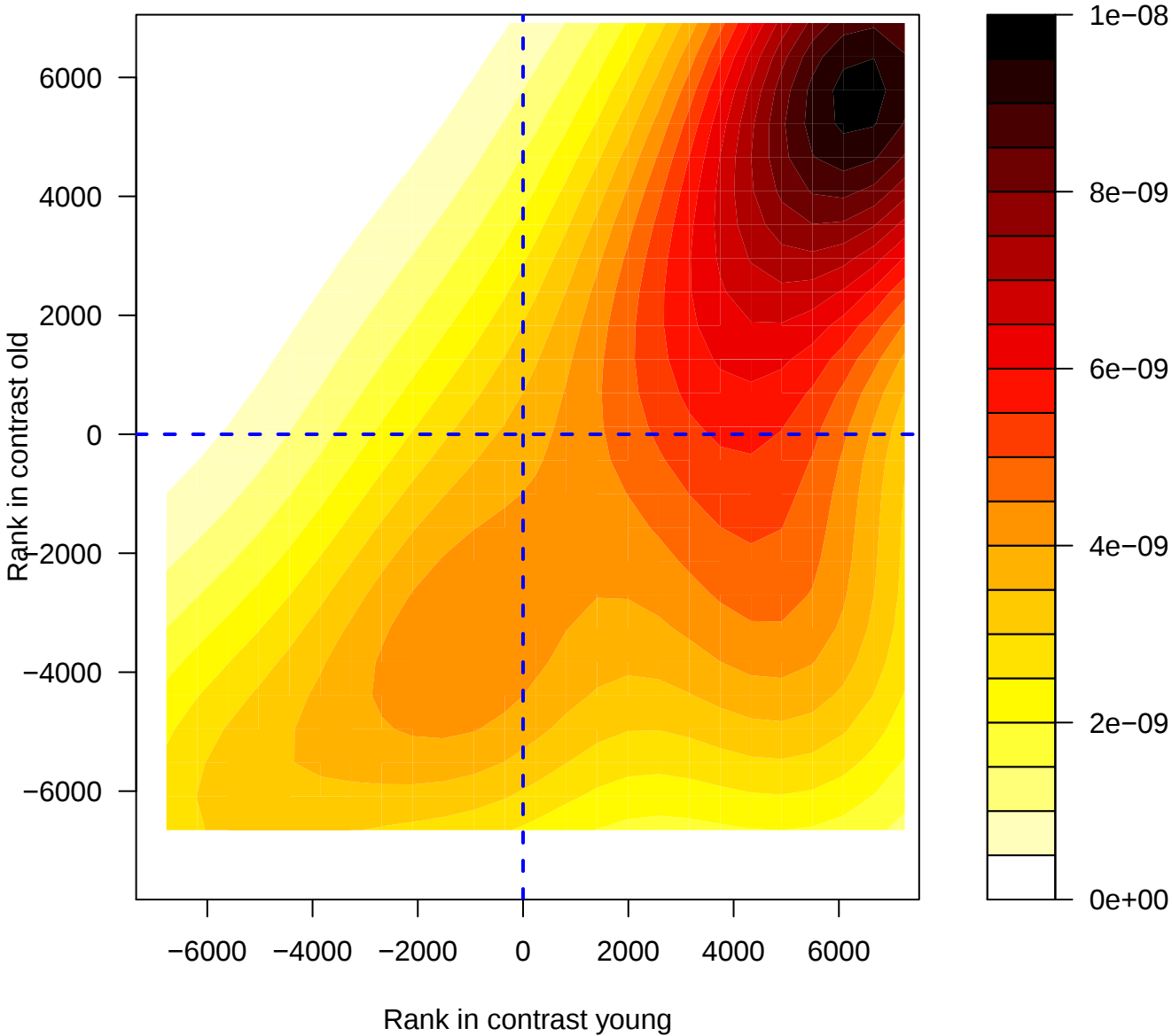
Chemokine-receptors-bind-chemokines



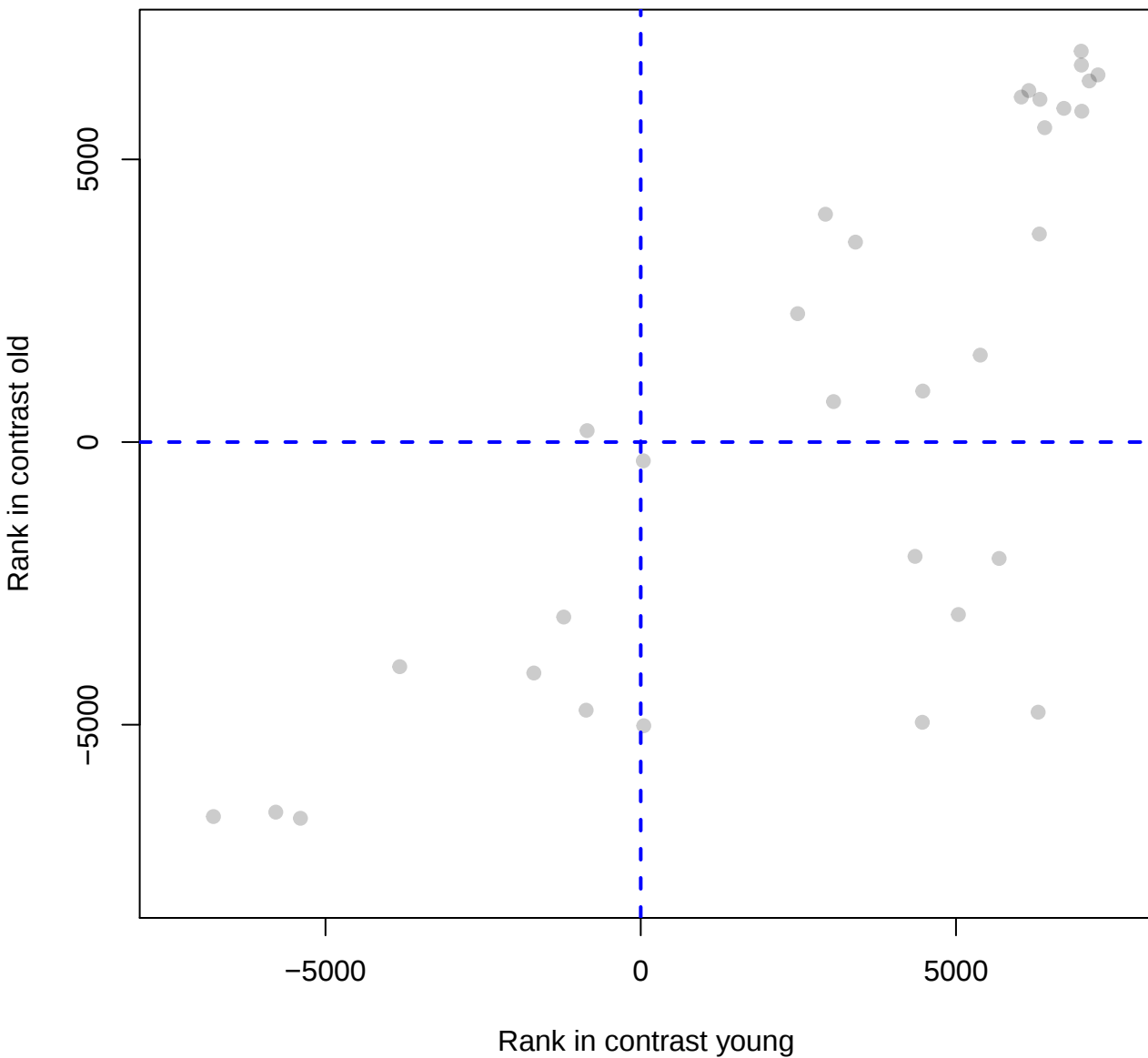
Chemokine-receptors-bind-chemokines



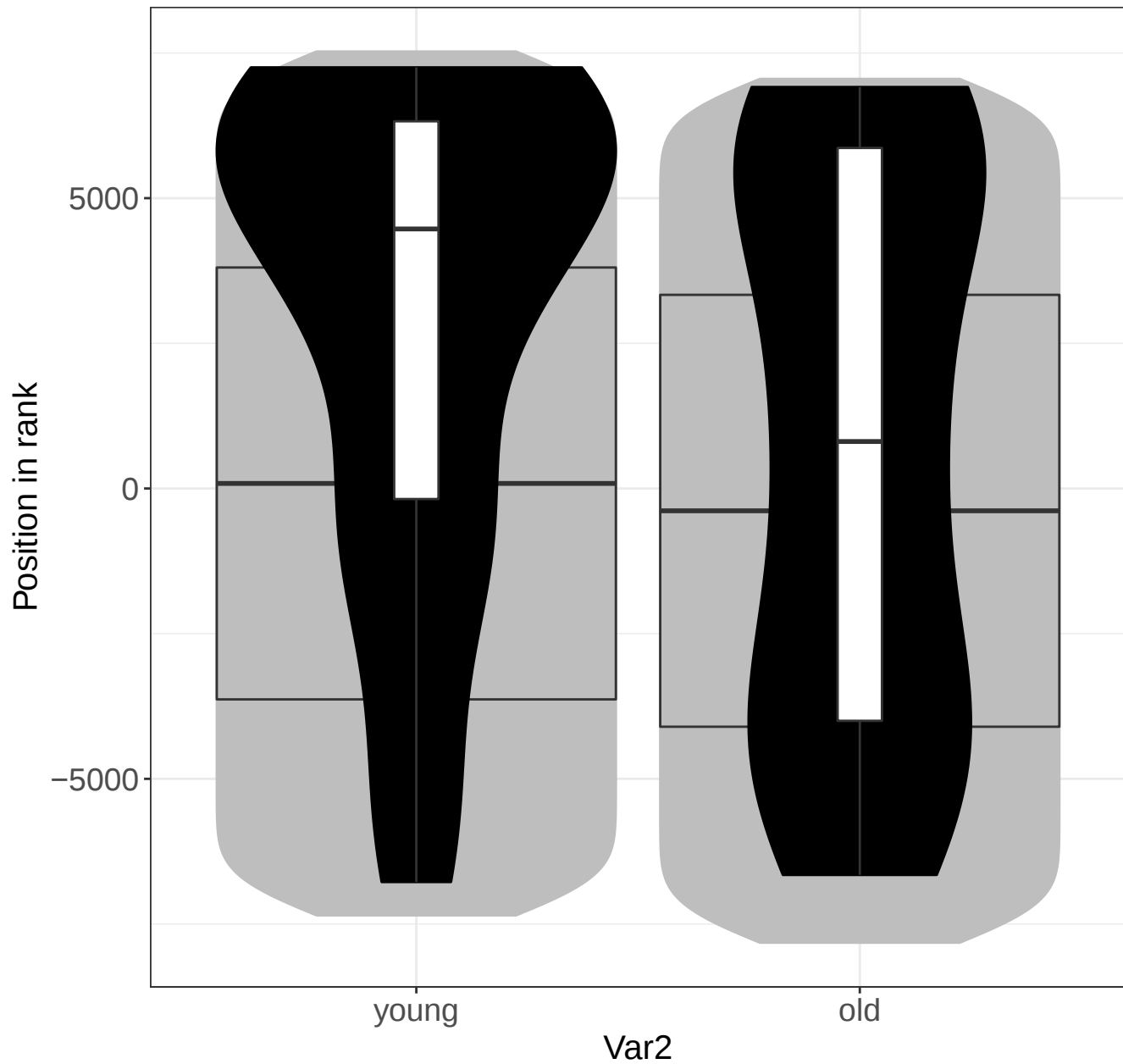
O-linked-glycosylation-of-mucins



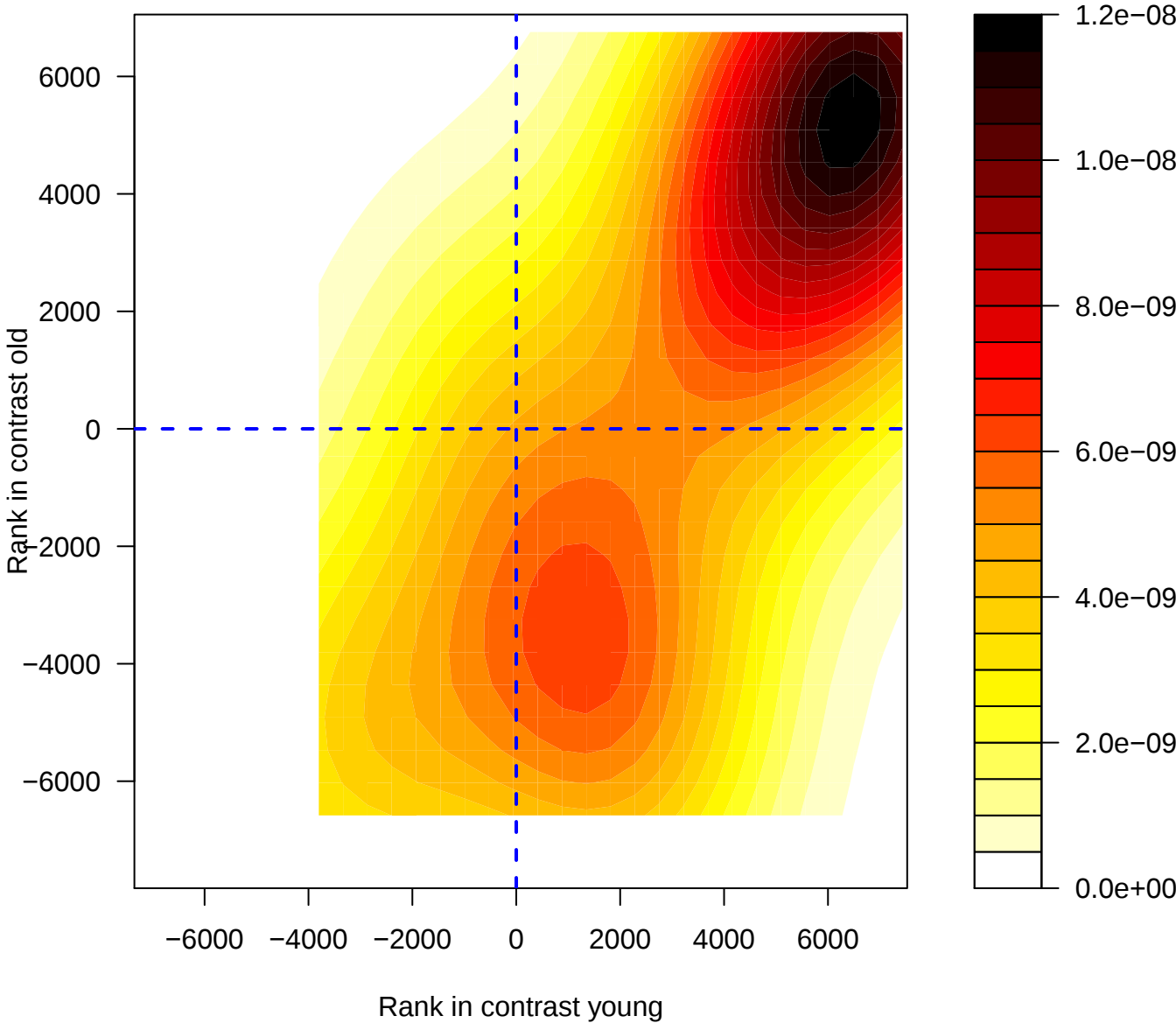
O-linked-glycosylation-of-mucins



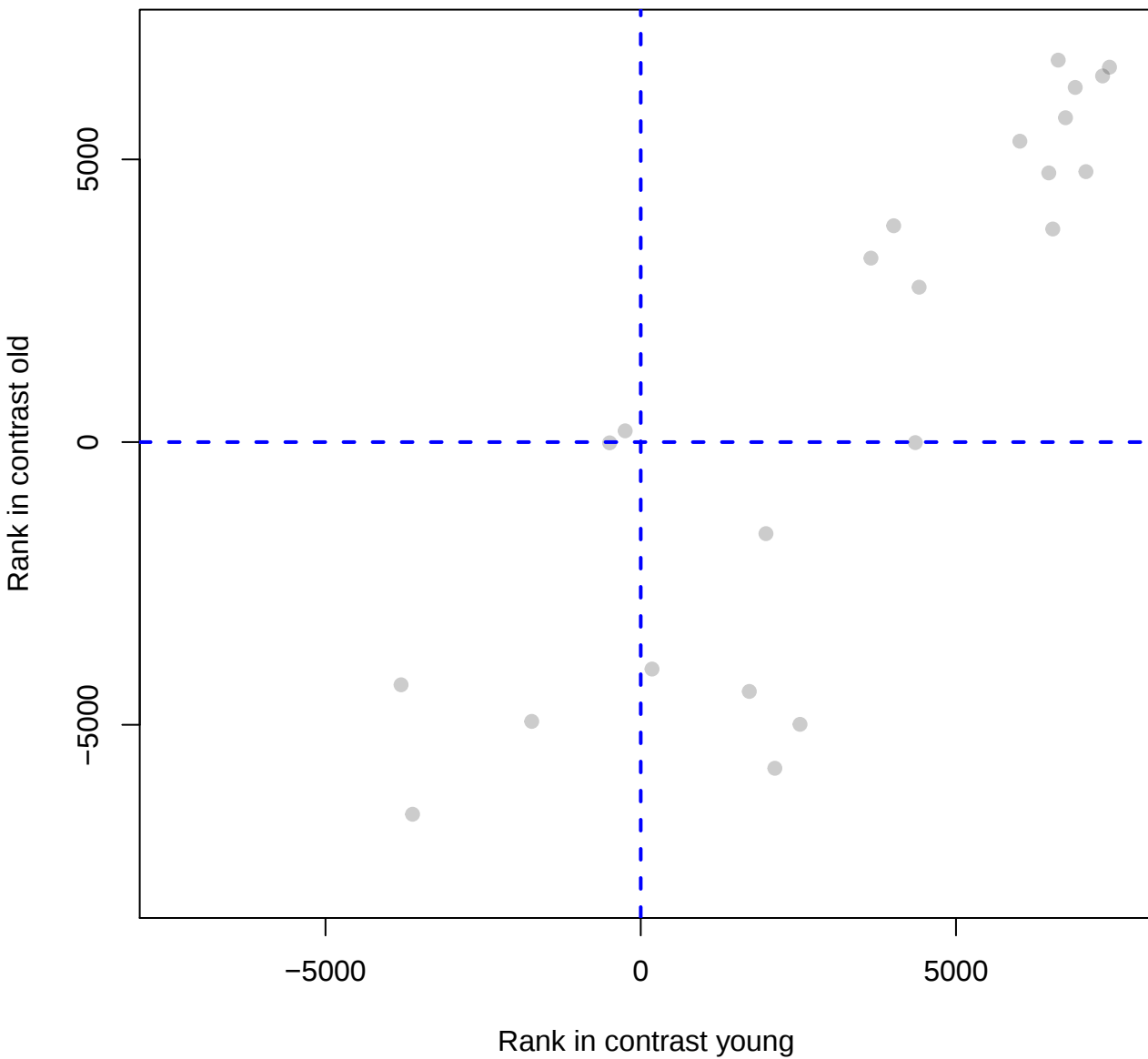
O-linked-glycosylation-of-mucins



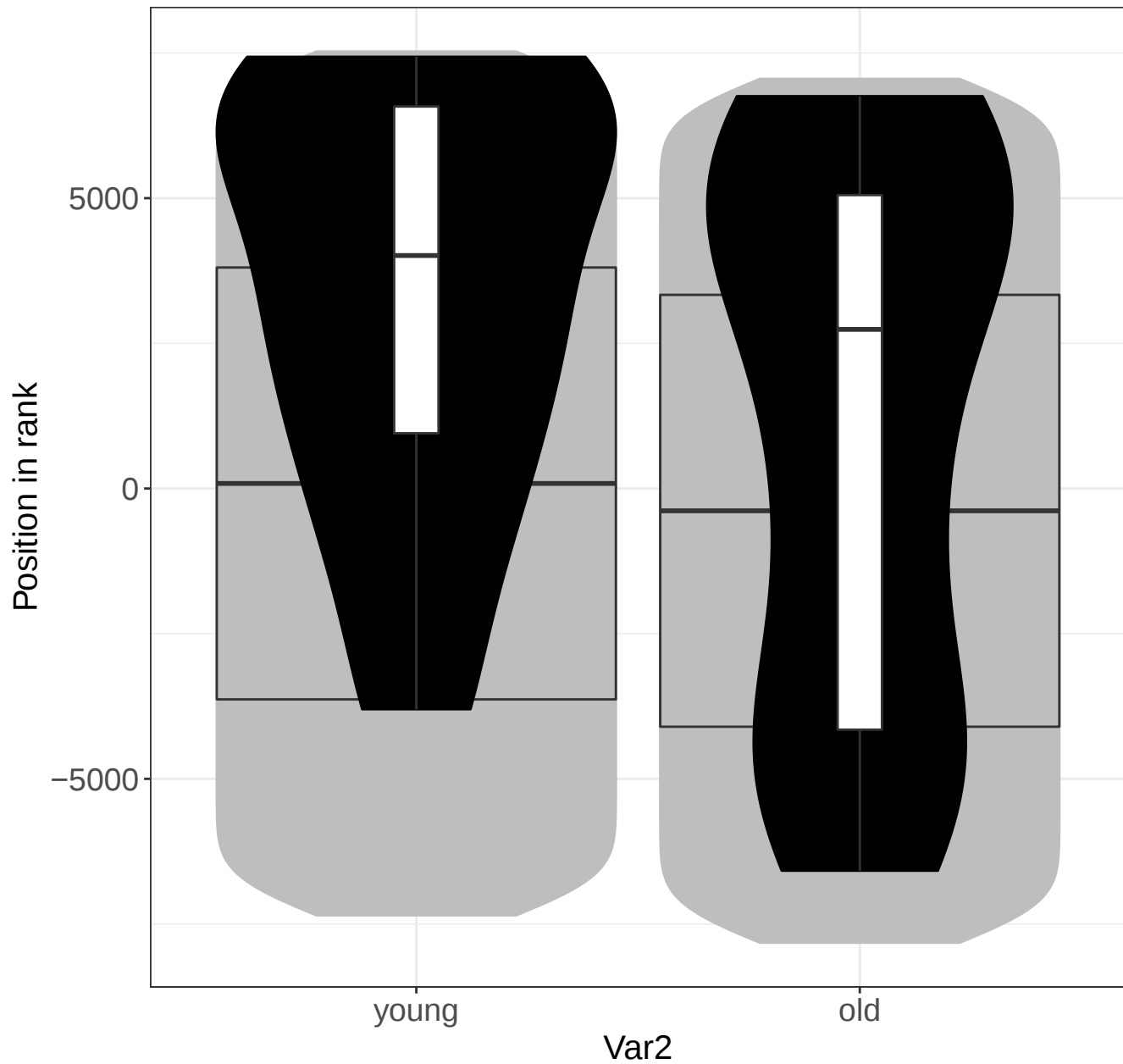
HS-GAG-biosynthesis



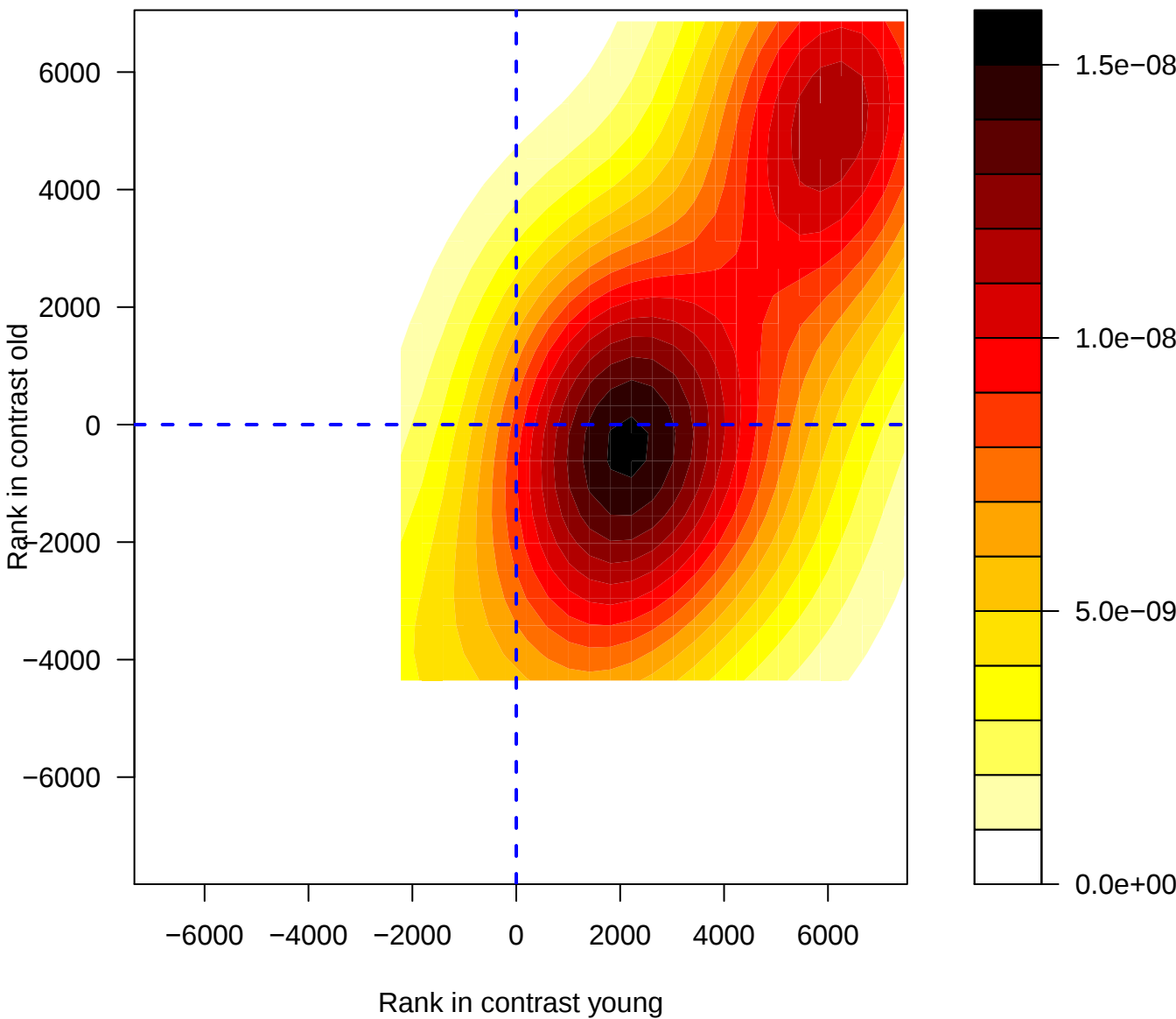
HS-GAG-biosynthesis



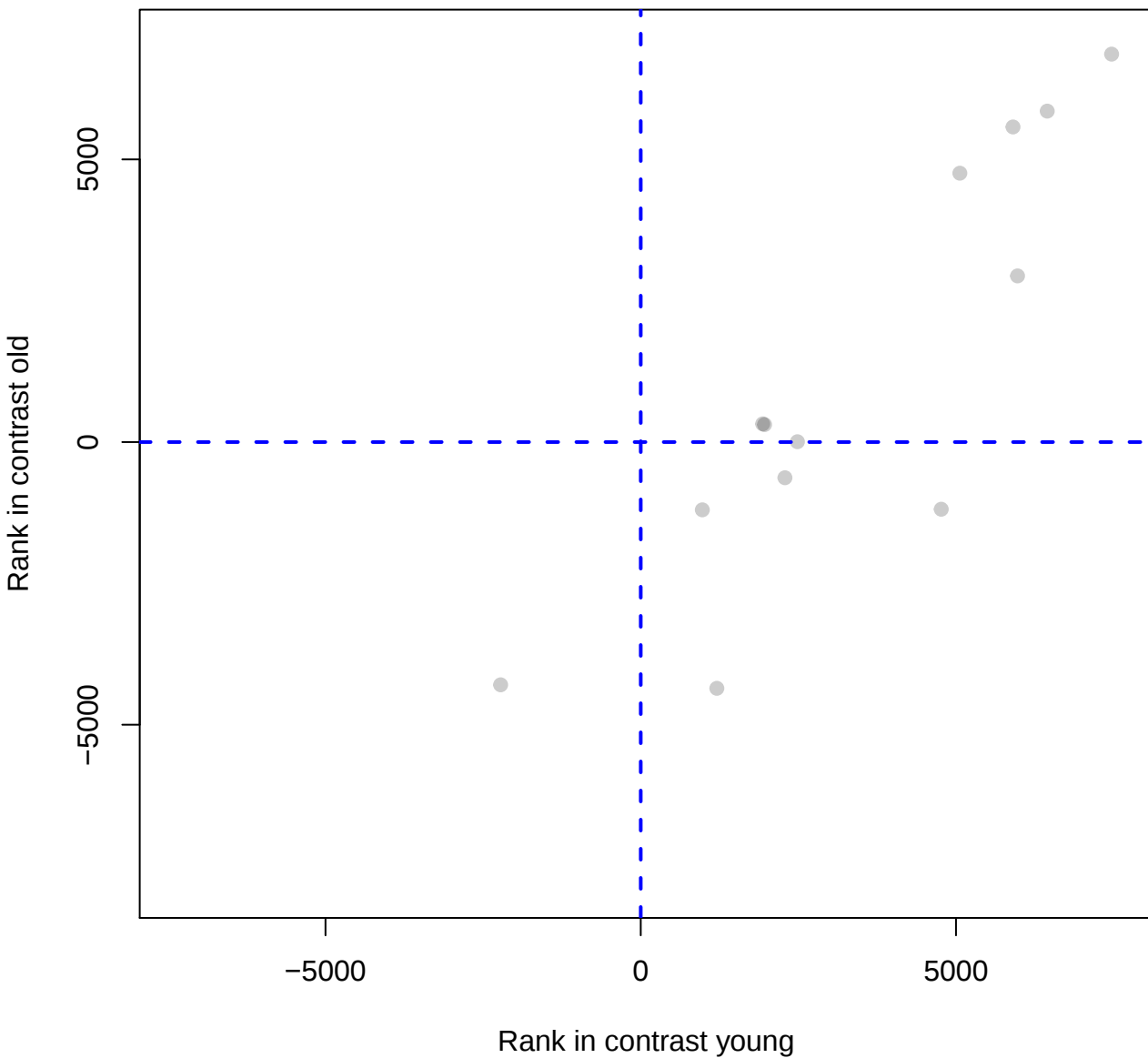
HS-GAG-biosynthesis



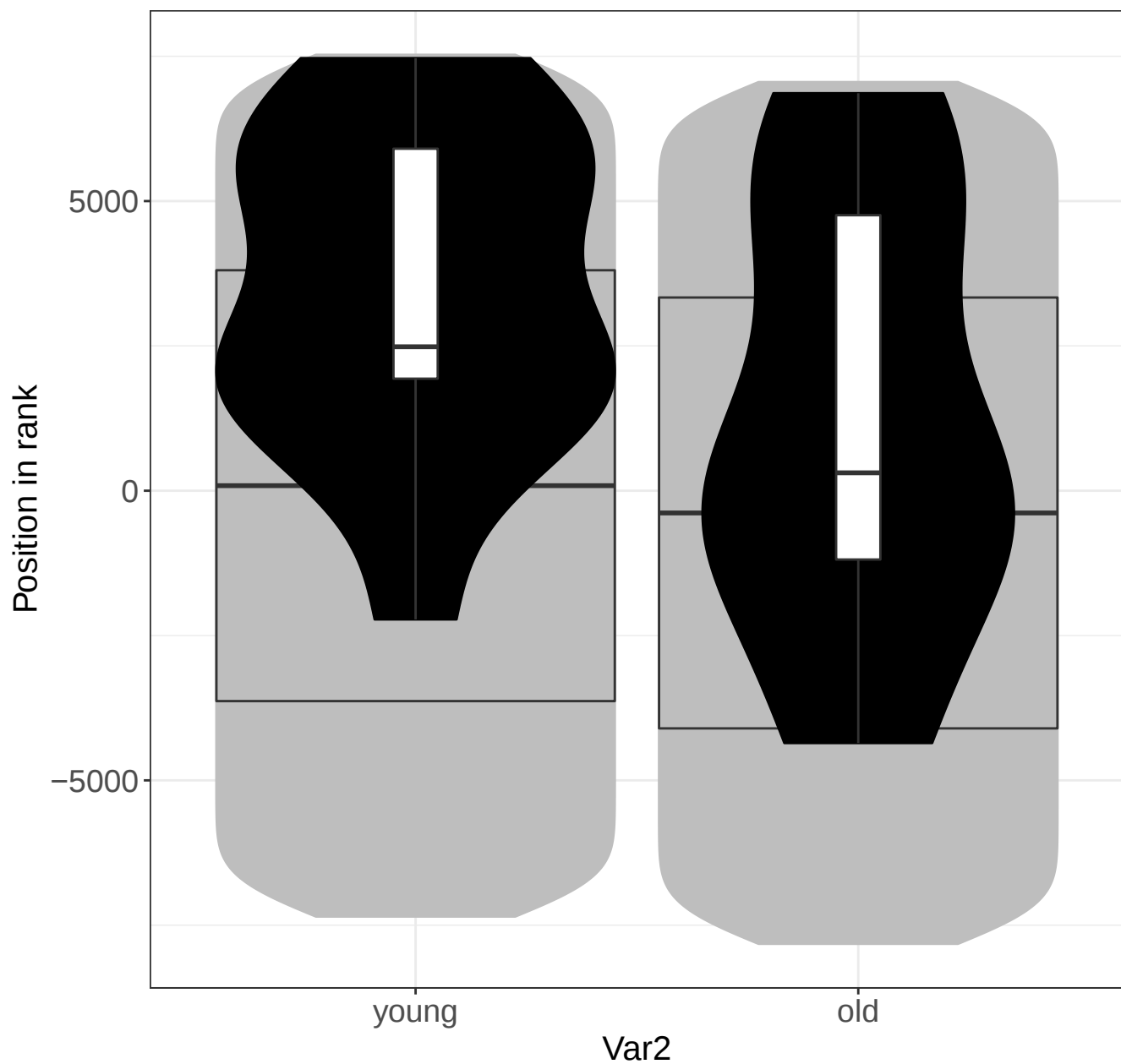
WNT5A-dependent-internalization-of-FZD2,-FZD5-and-F



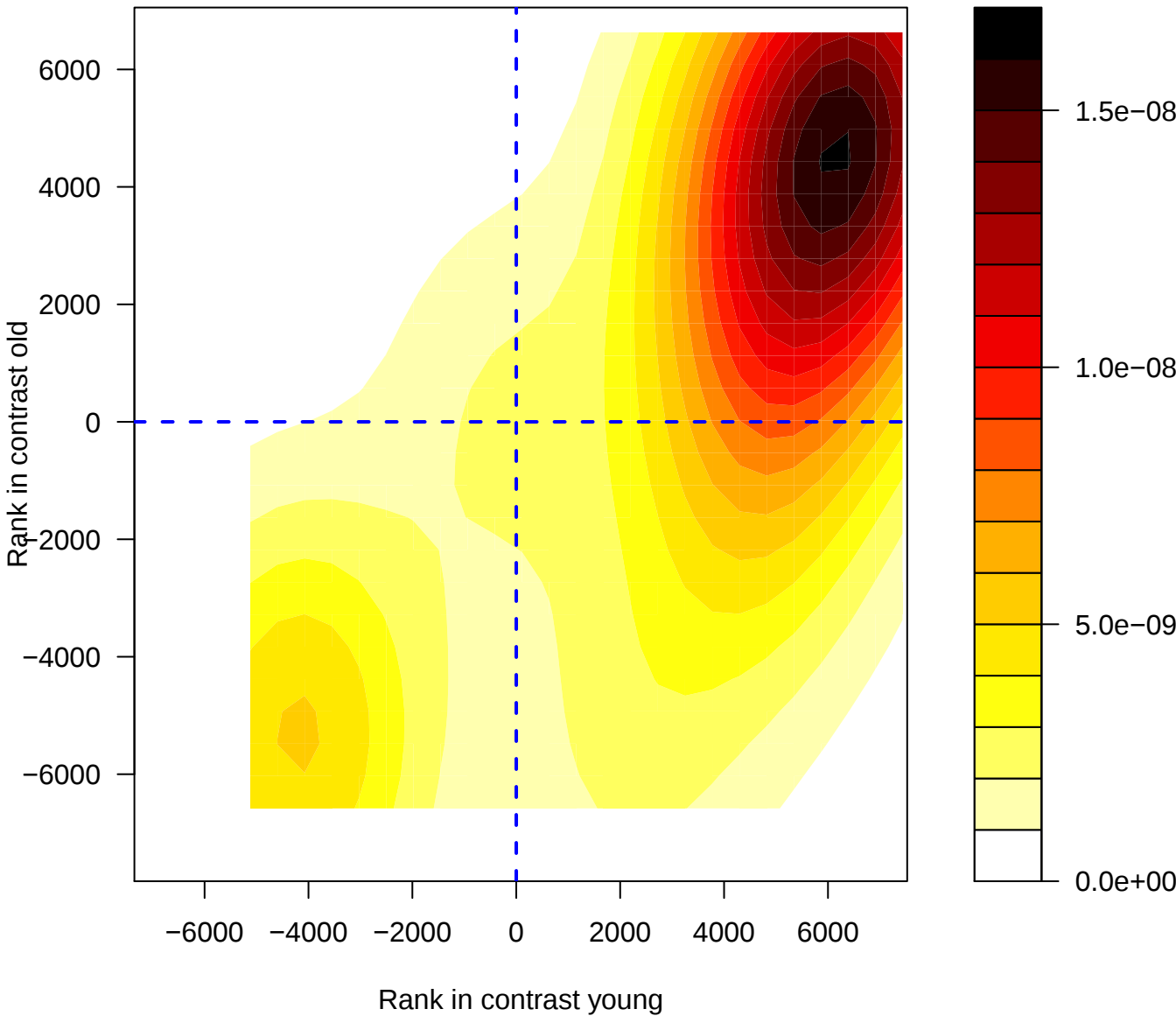
WNT5A-dependent-internalization-of-FZD2,-FZD5-and-ROR2



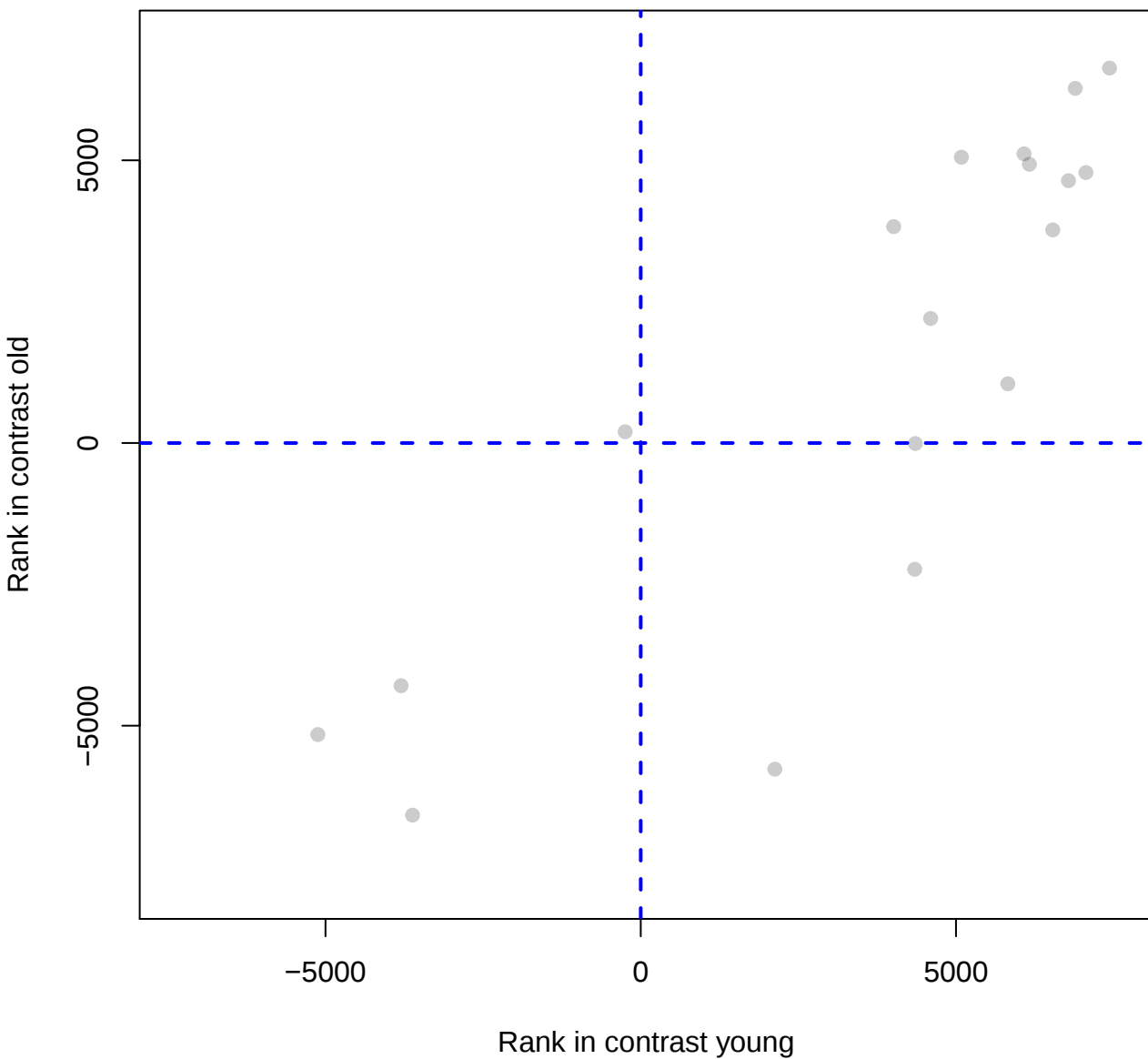
WNT5A-dependent-internalization-of-FZD2,-FZ



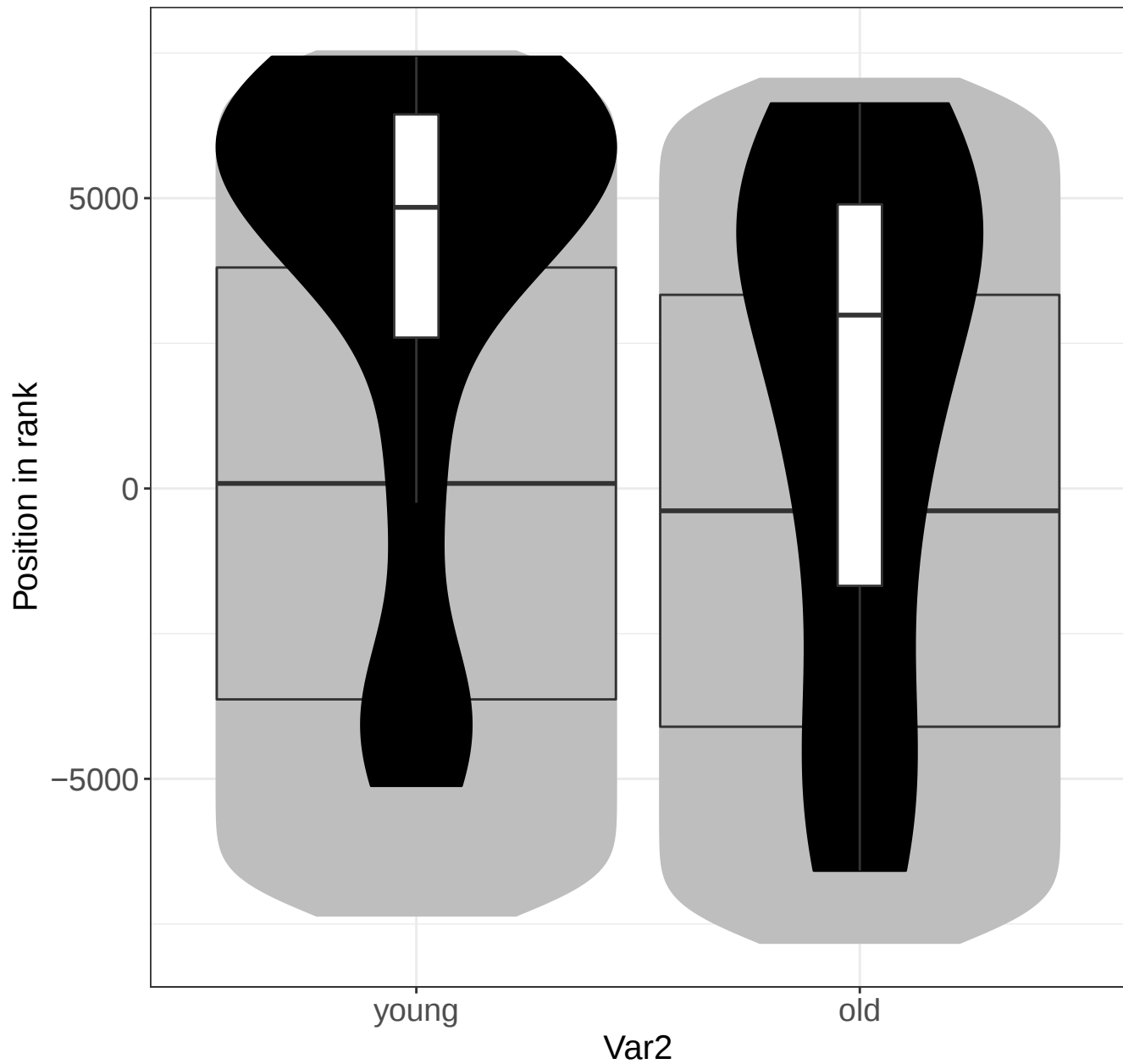
HS-GAG-degradation



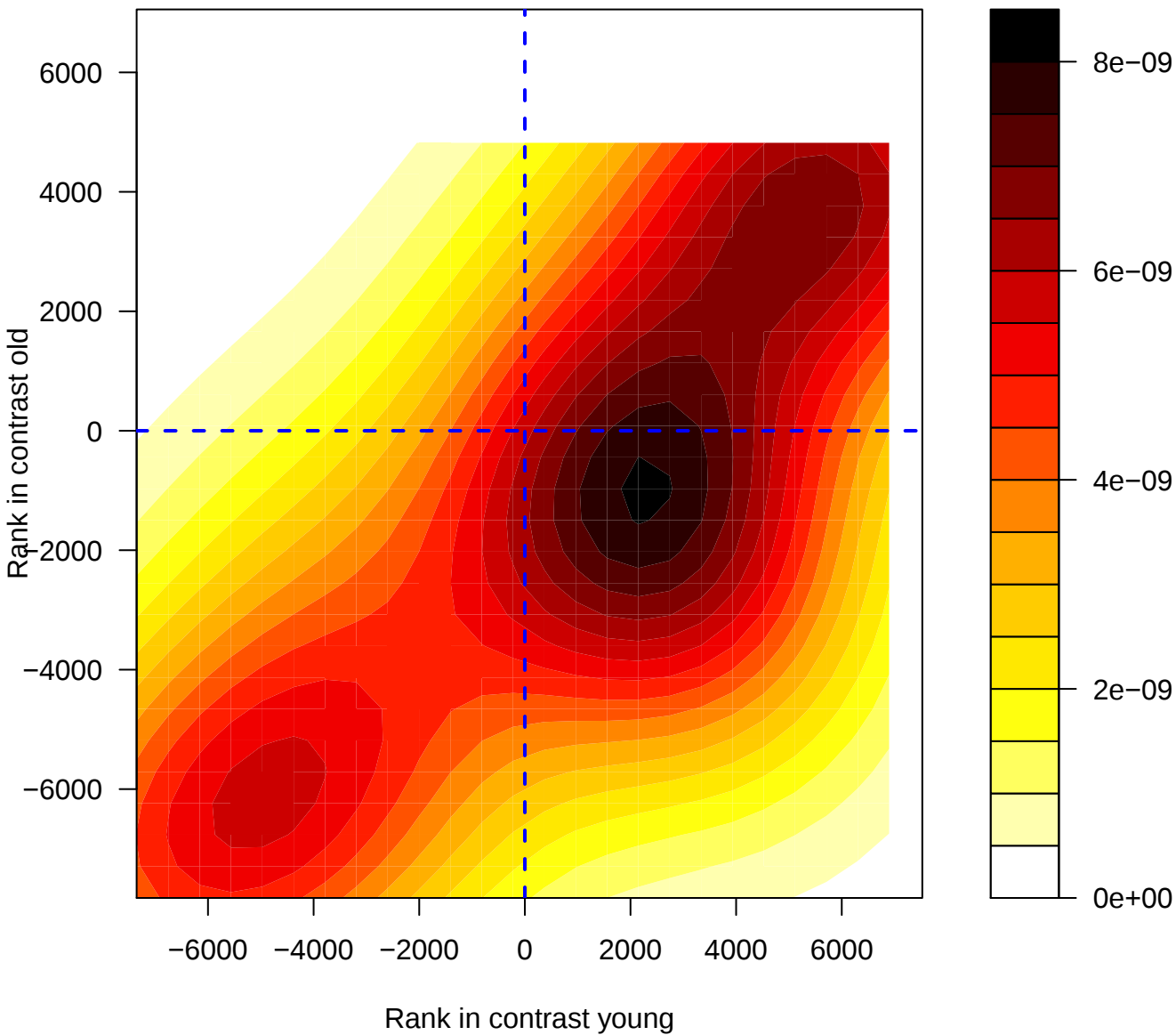
HS-GAG-degradation



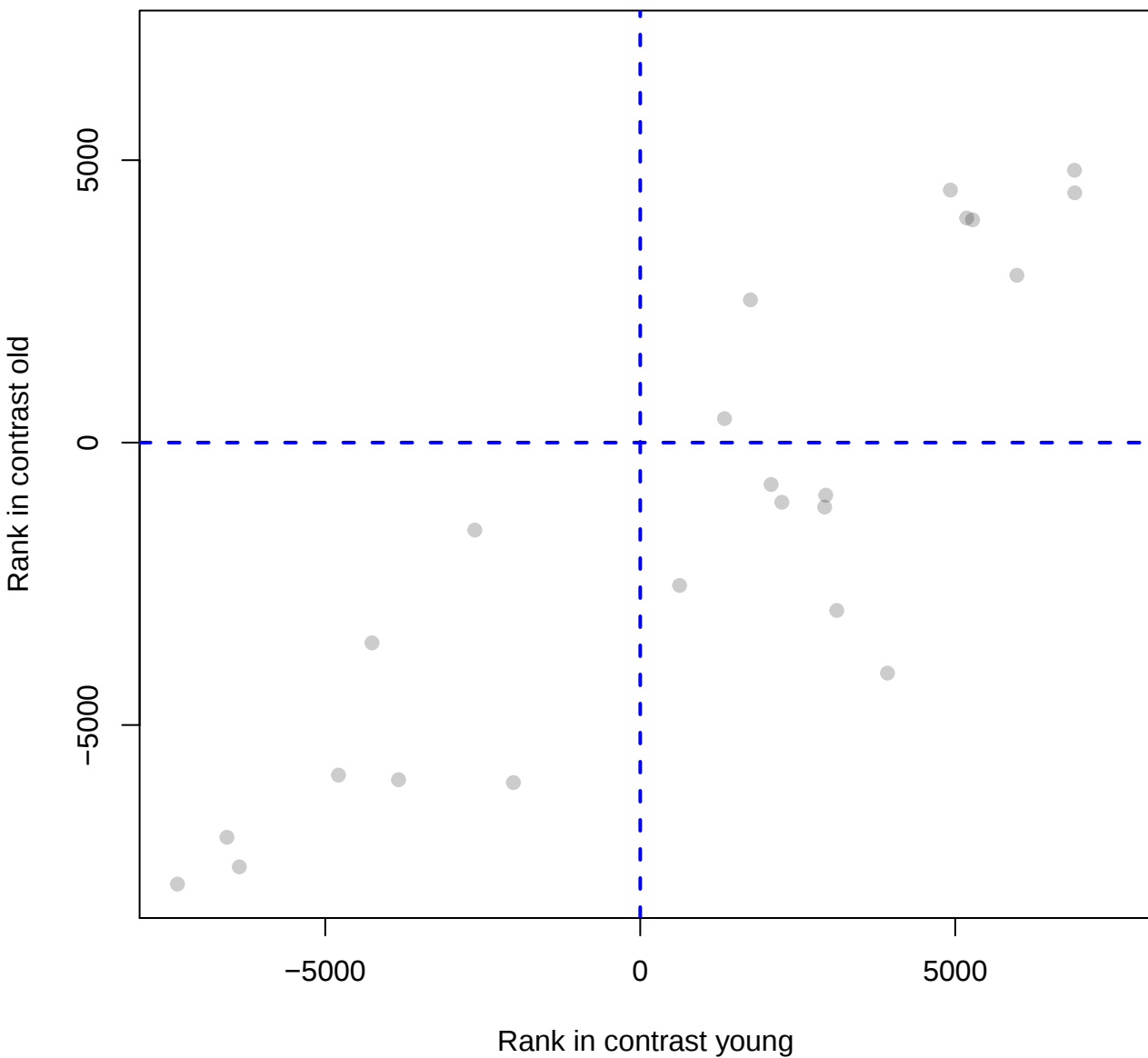
HS-GAG-degradation



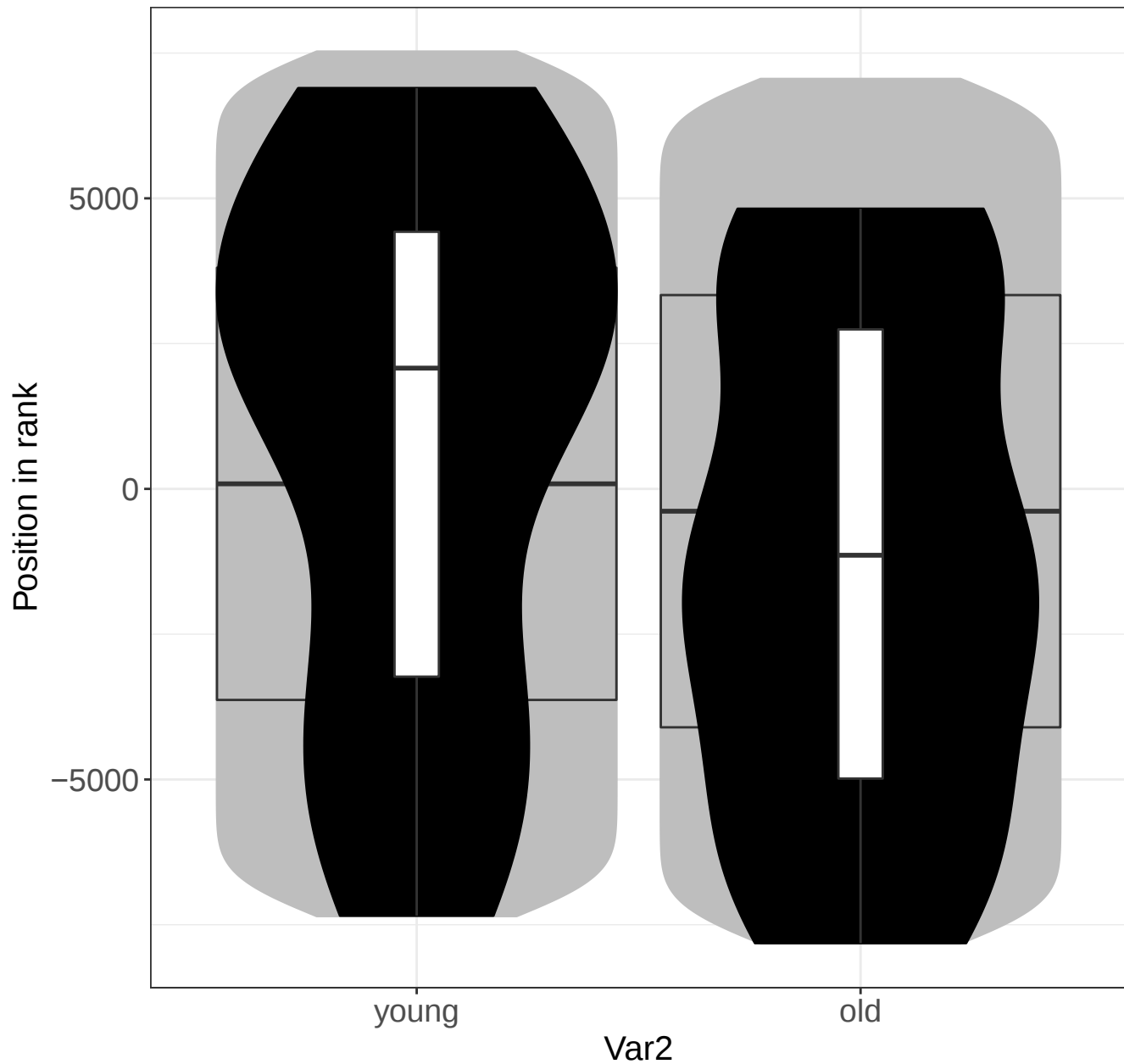
mediated-transcription-of-oxidative-stress,-metabolic-and-r



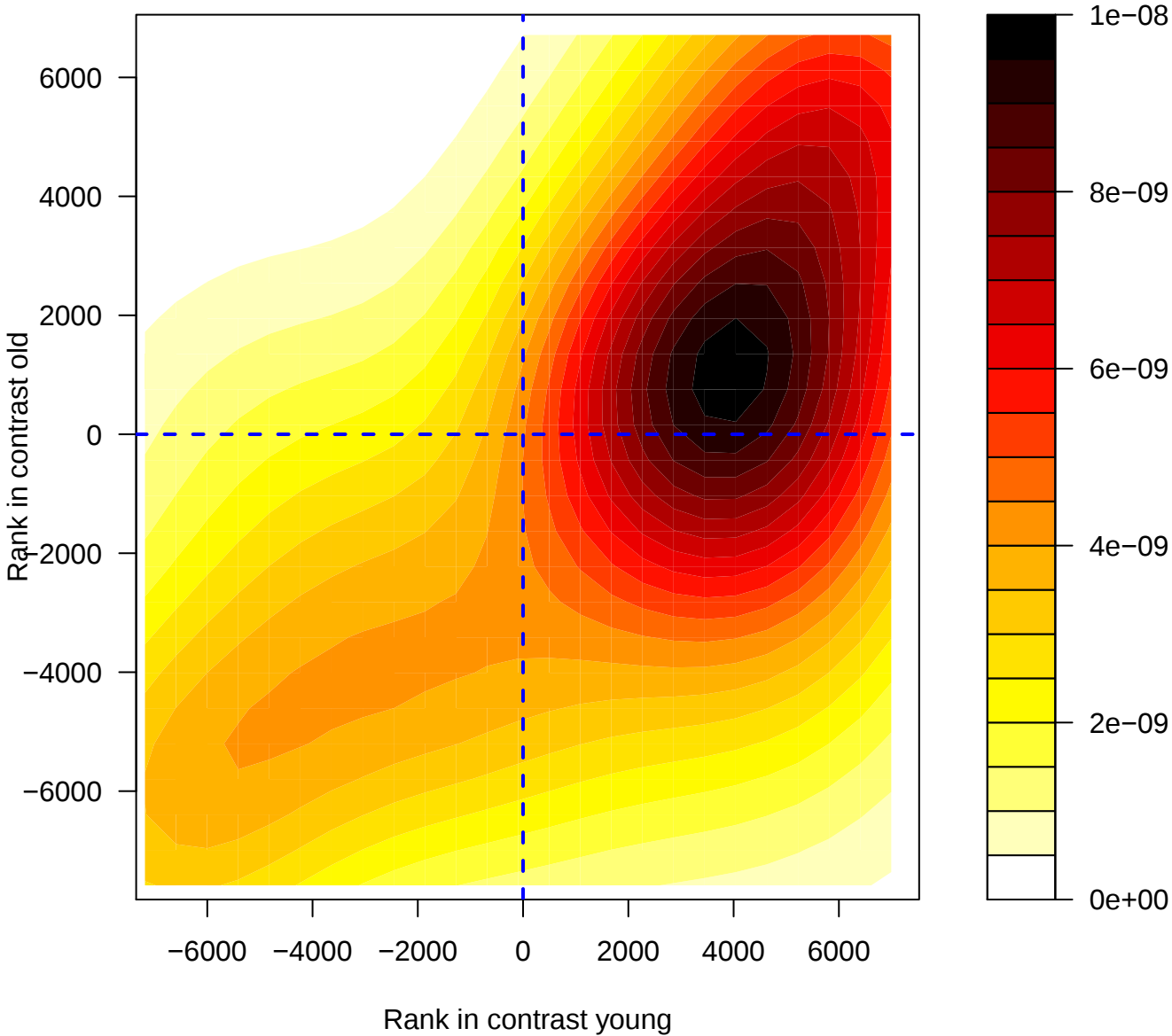
XO-mediated-transcription-of-oxidative-stress,-metabolic-and-neuronal-



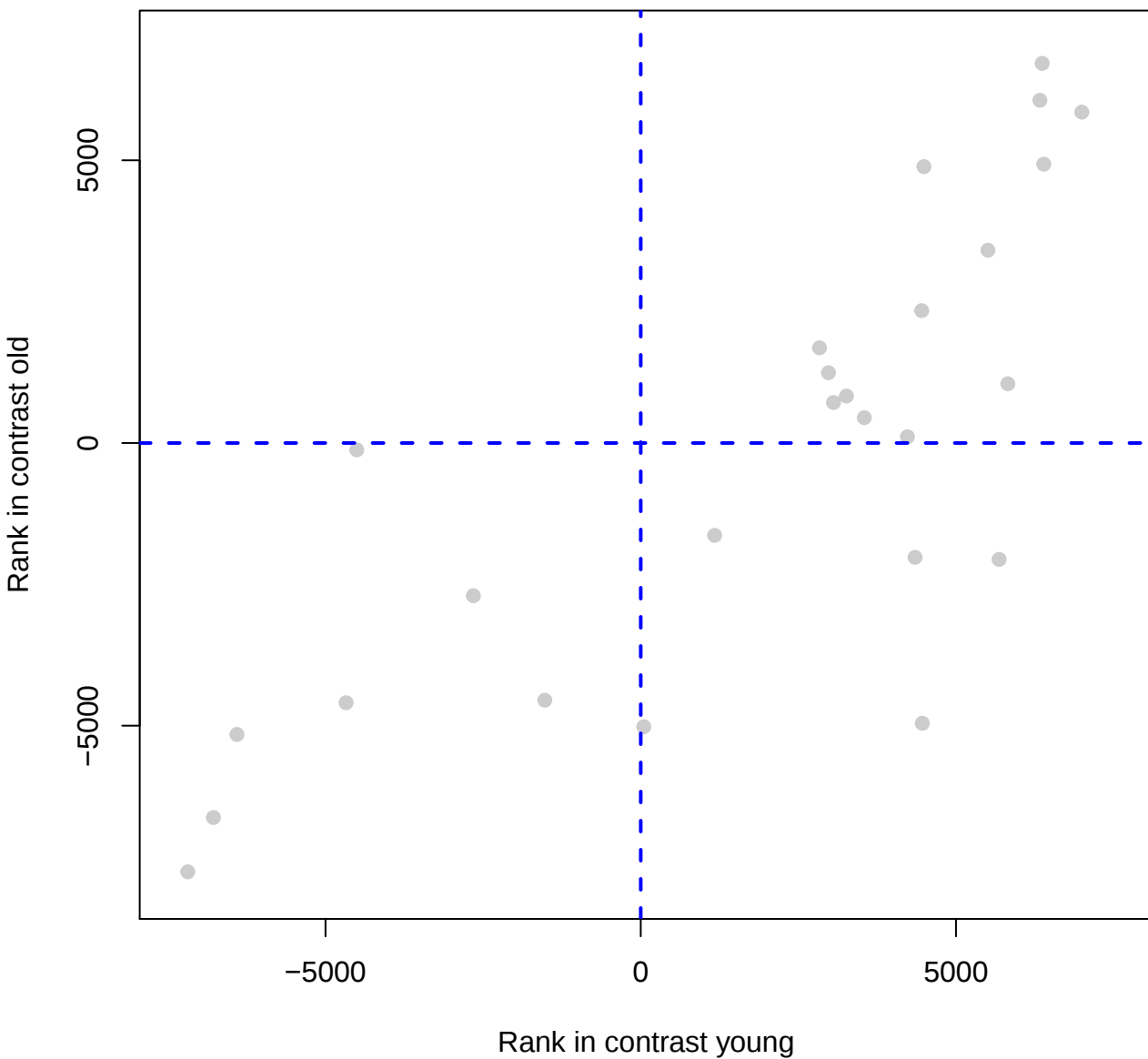
FOXO-mediated-transcription-of-oxidative-stress



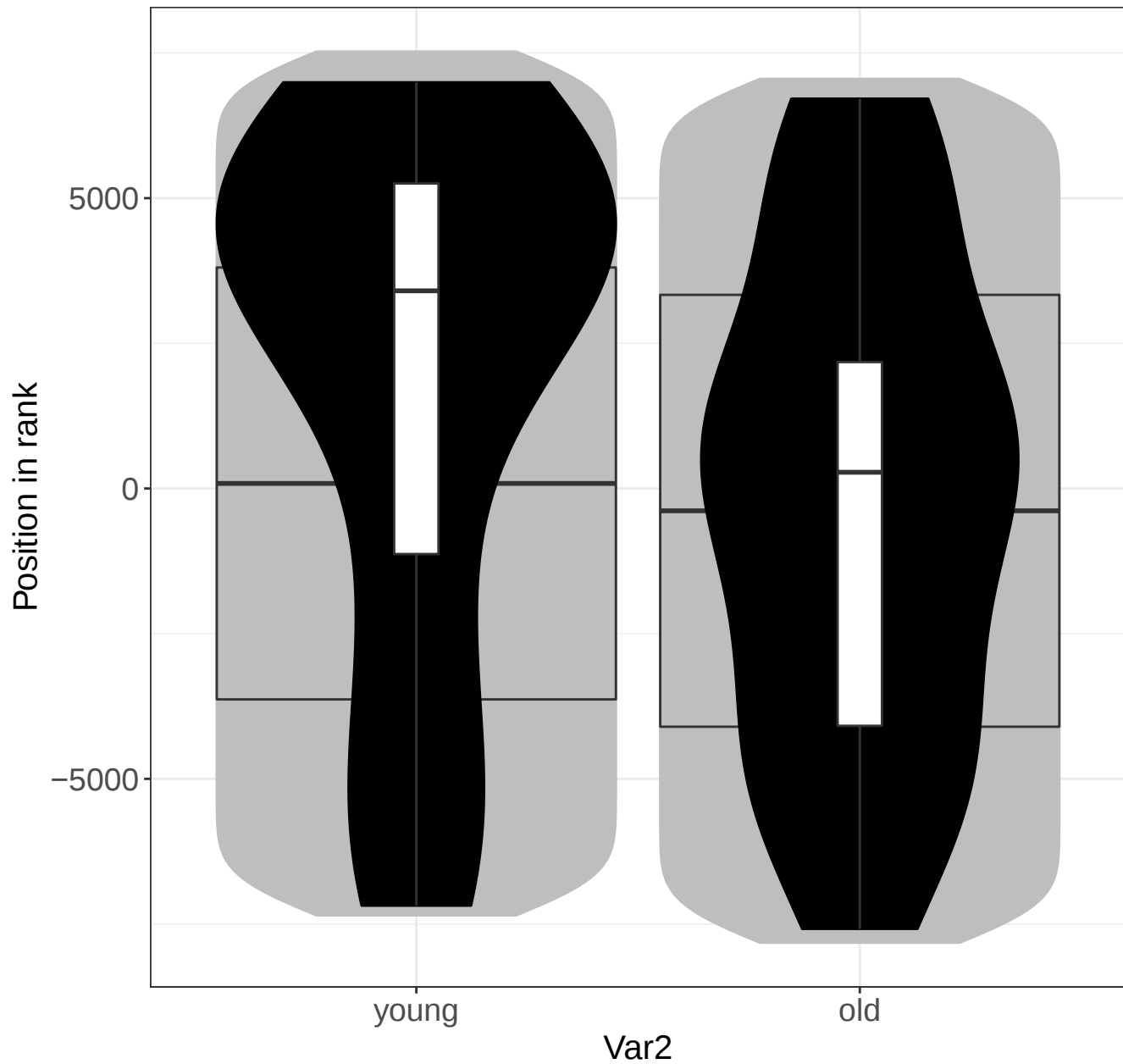
Sialic-acid-metabolism



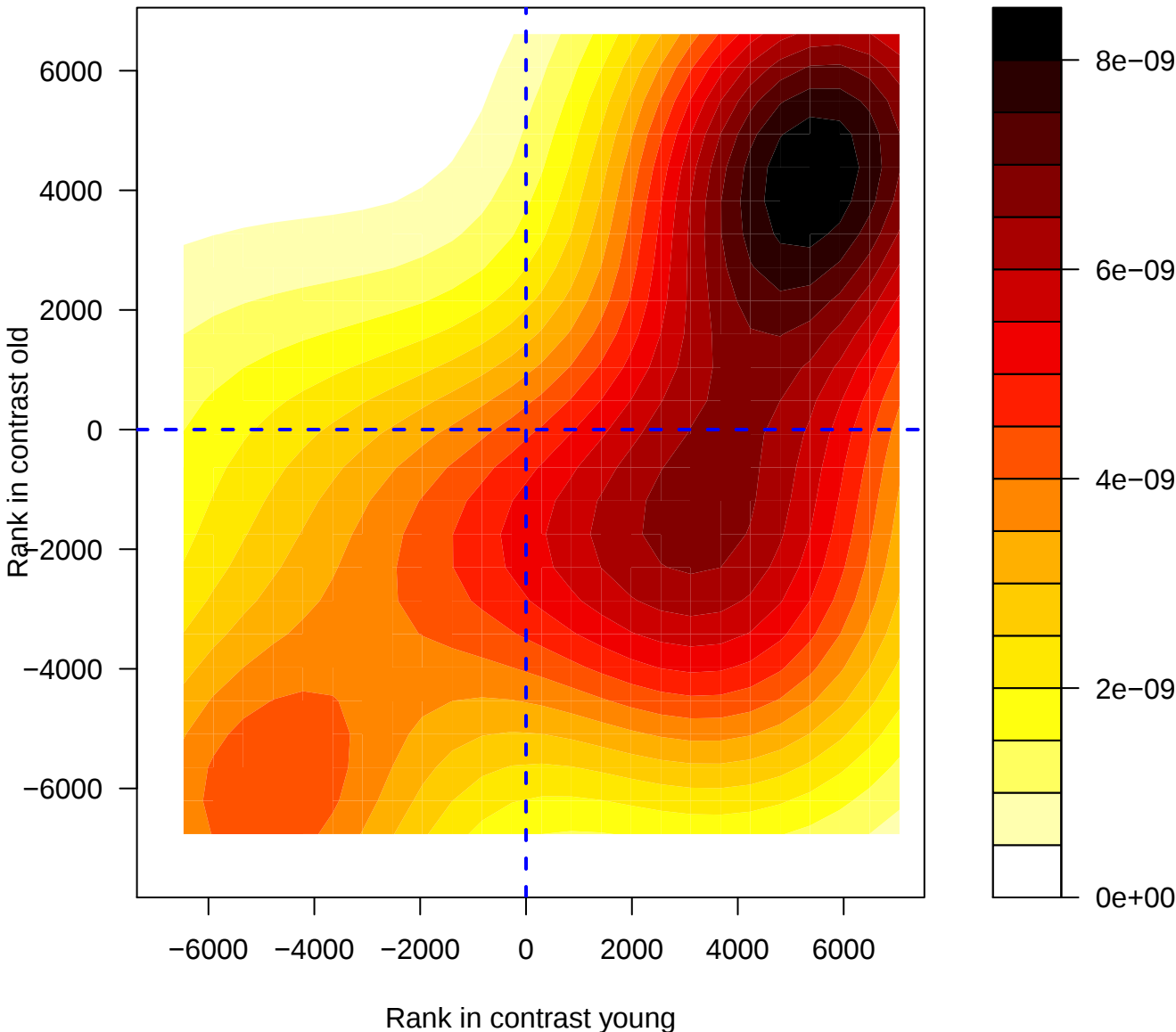
Sialic-acid-metabolism



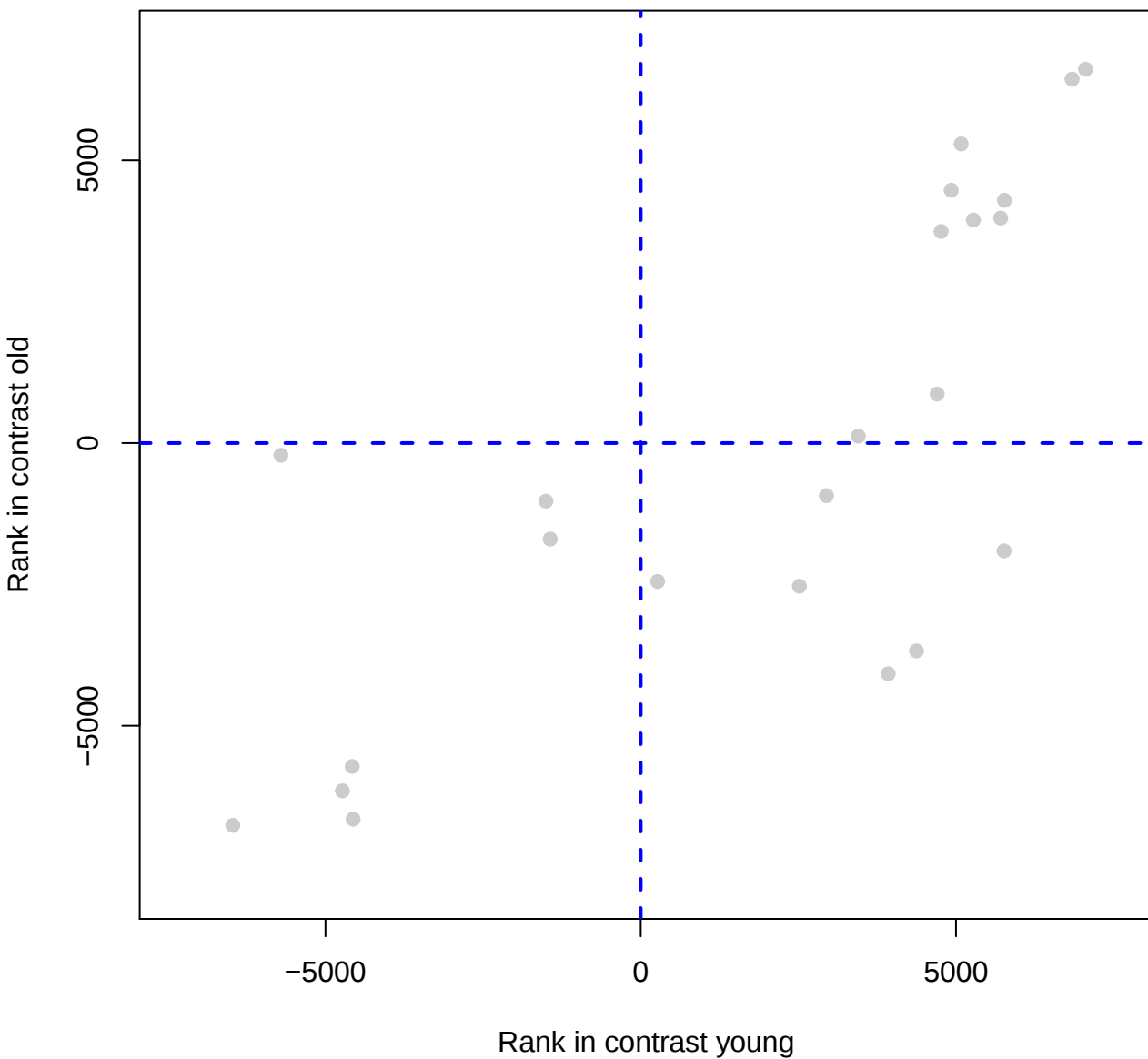
Sialic-acid-metabolism



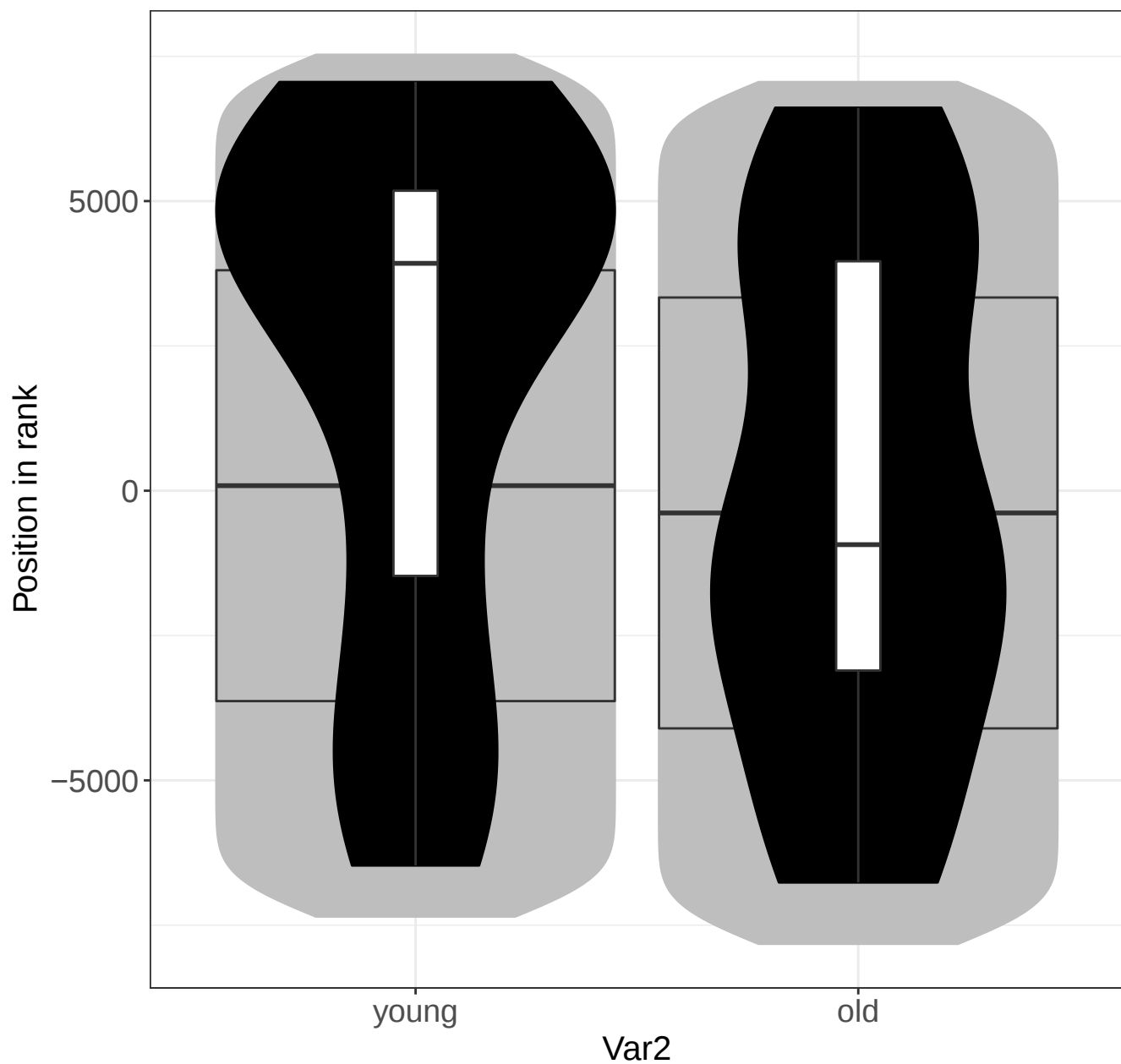
Downregulation-of-SMAD2/3:SMAD4-transcriptional-acti



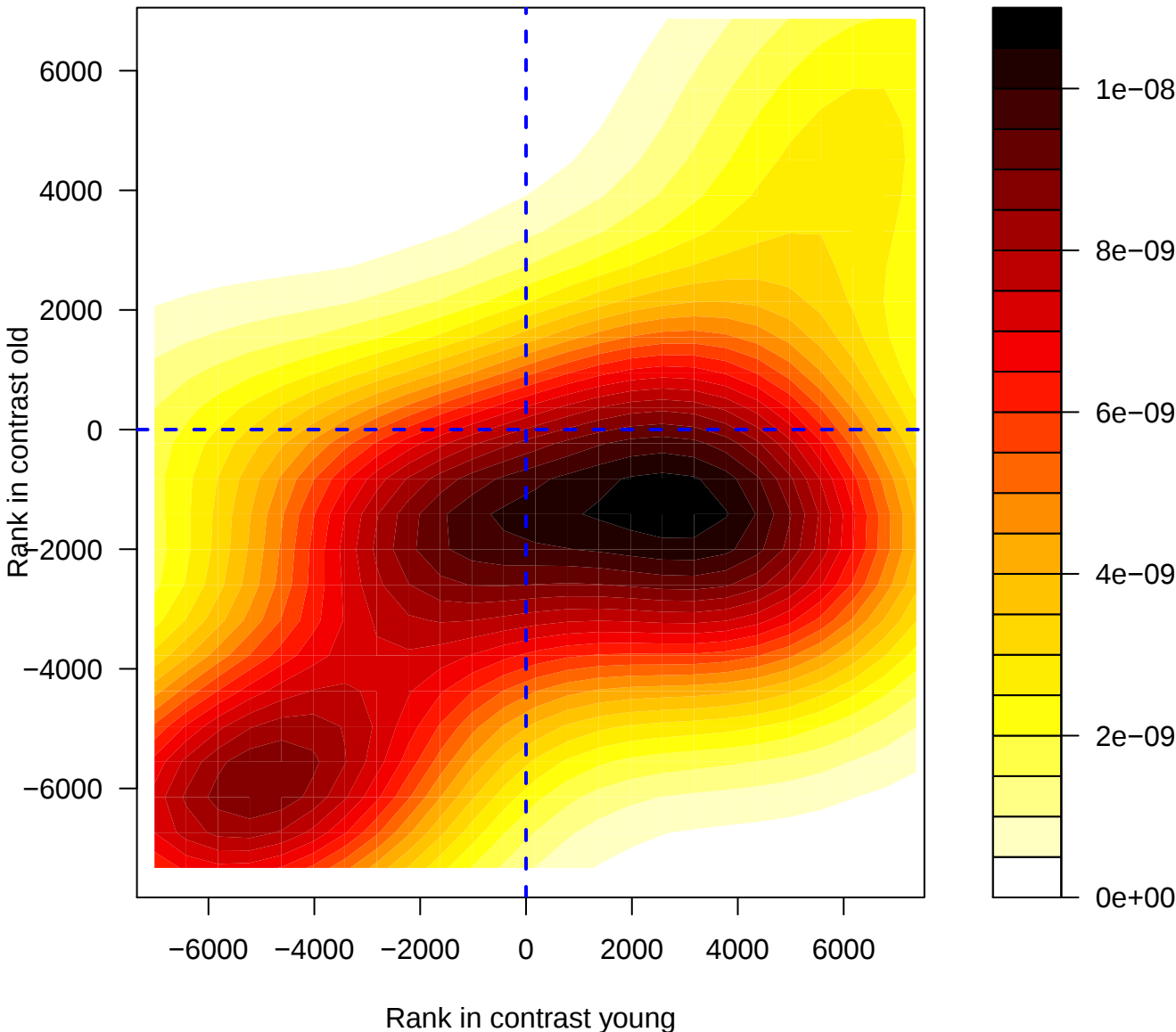
Downregulation-of-SMAD2/3:SMAD4-transcriptional-activity



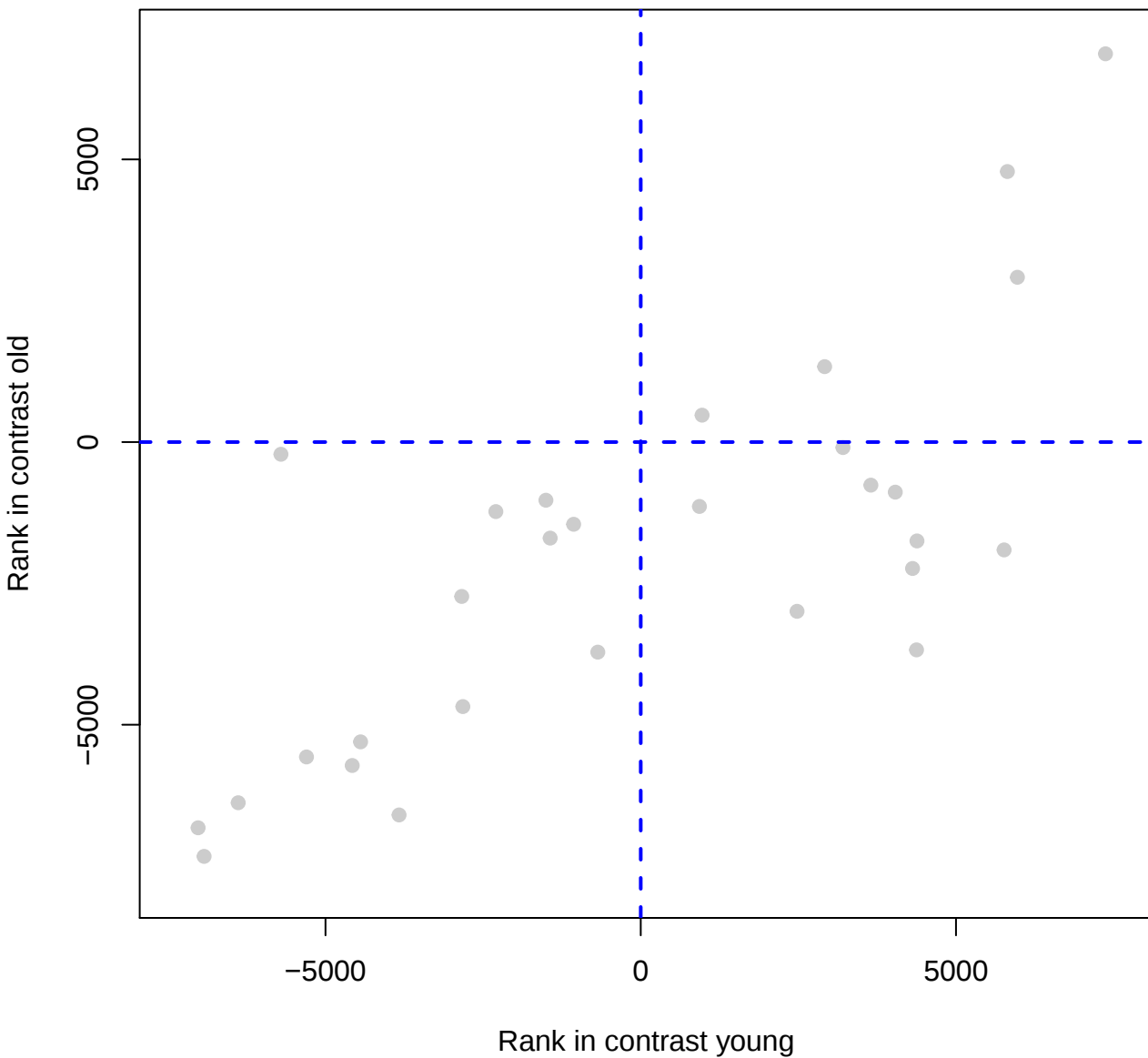
Downregulation-of-SMAD2/3:SMAD4-transcripti



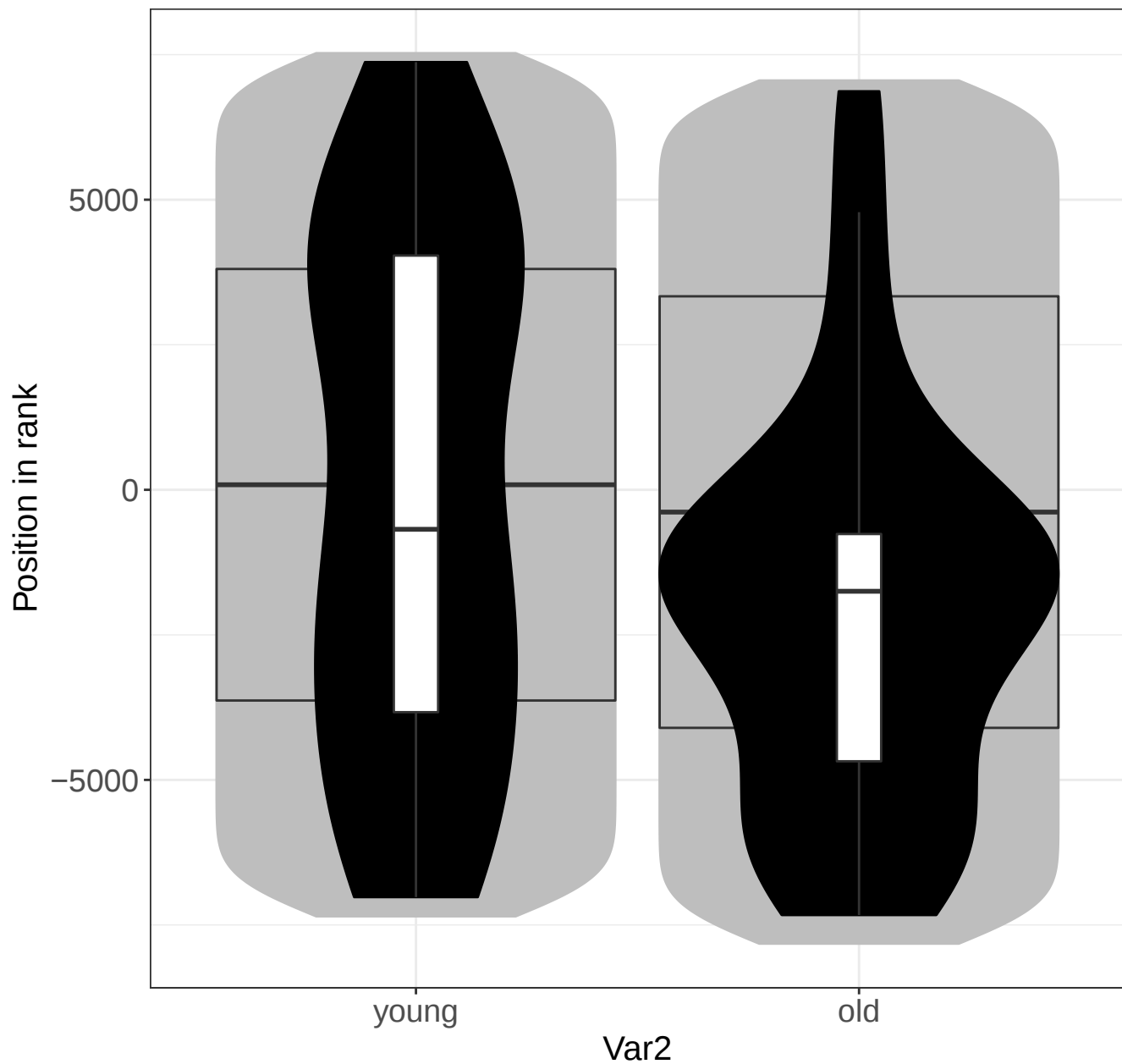
Synthesis-of-active-ubiquitin:-roles-of-E1-and-E2-enzy



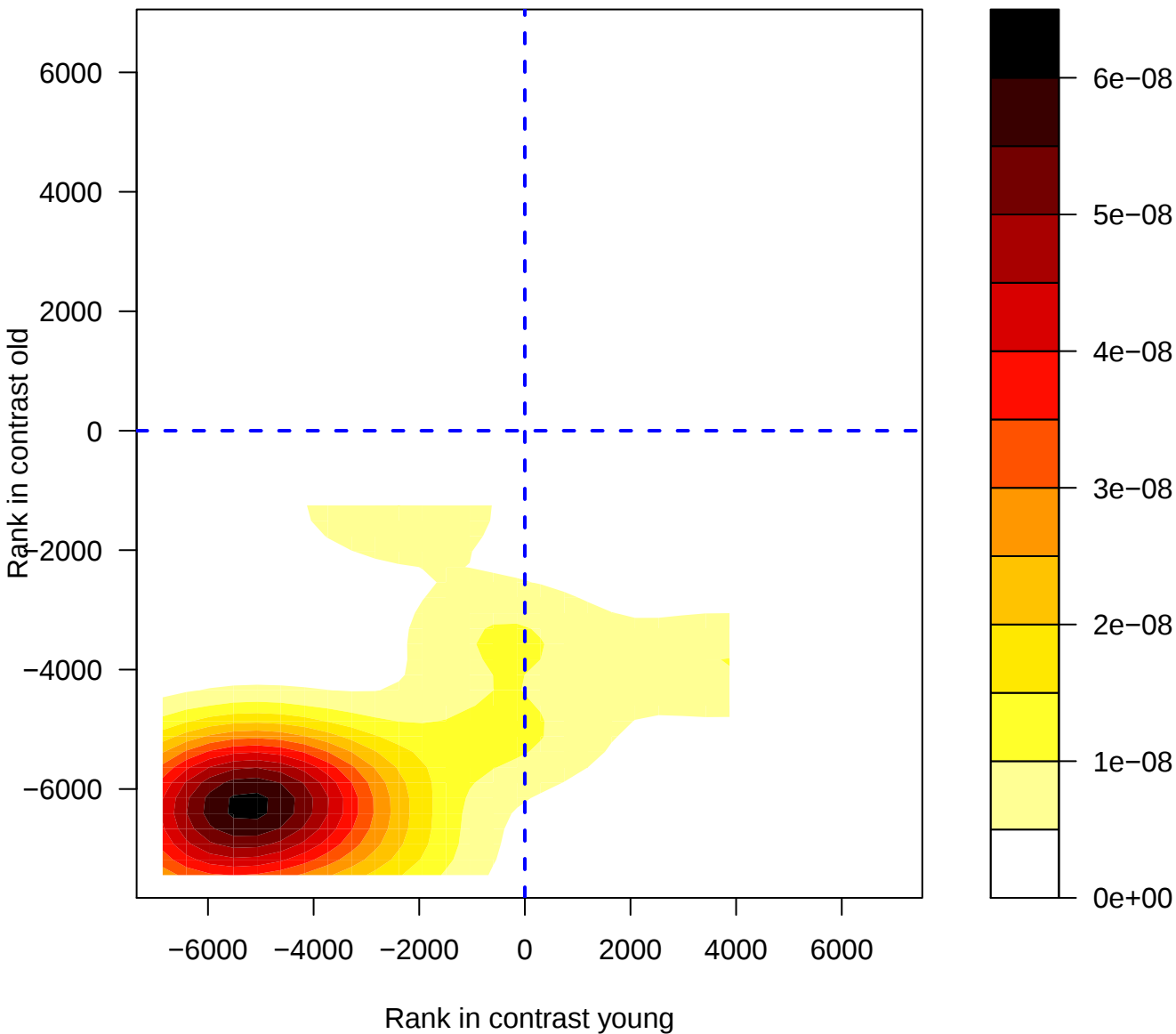
Synthesis-of-active-ubiquitin:-roles-of-E1-and-E2-enzymes



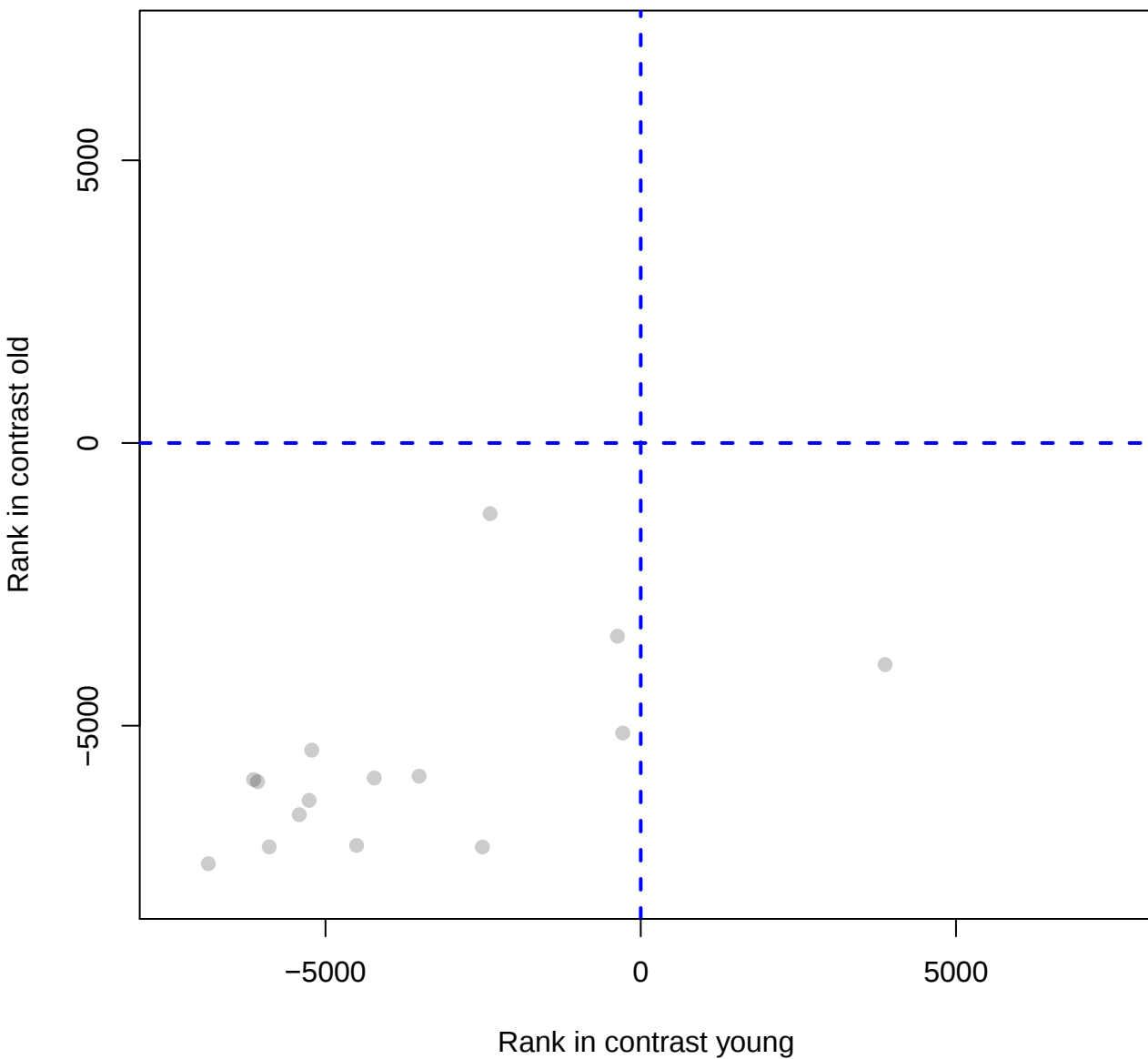
Synthesis-of-active-ubiquitin:-roles-of-E1-and-



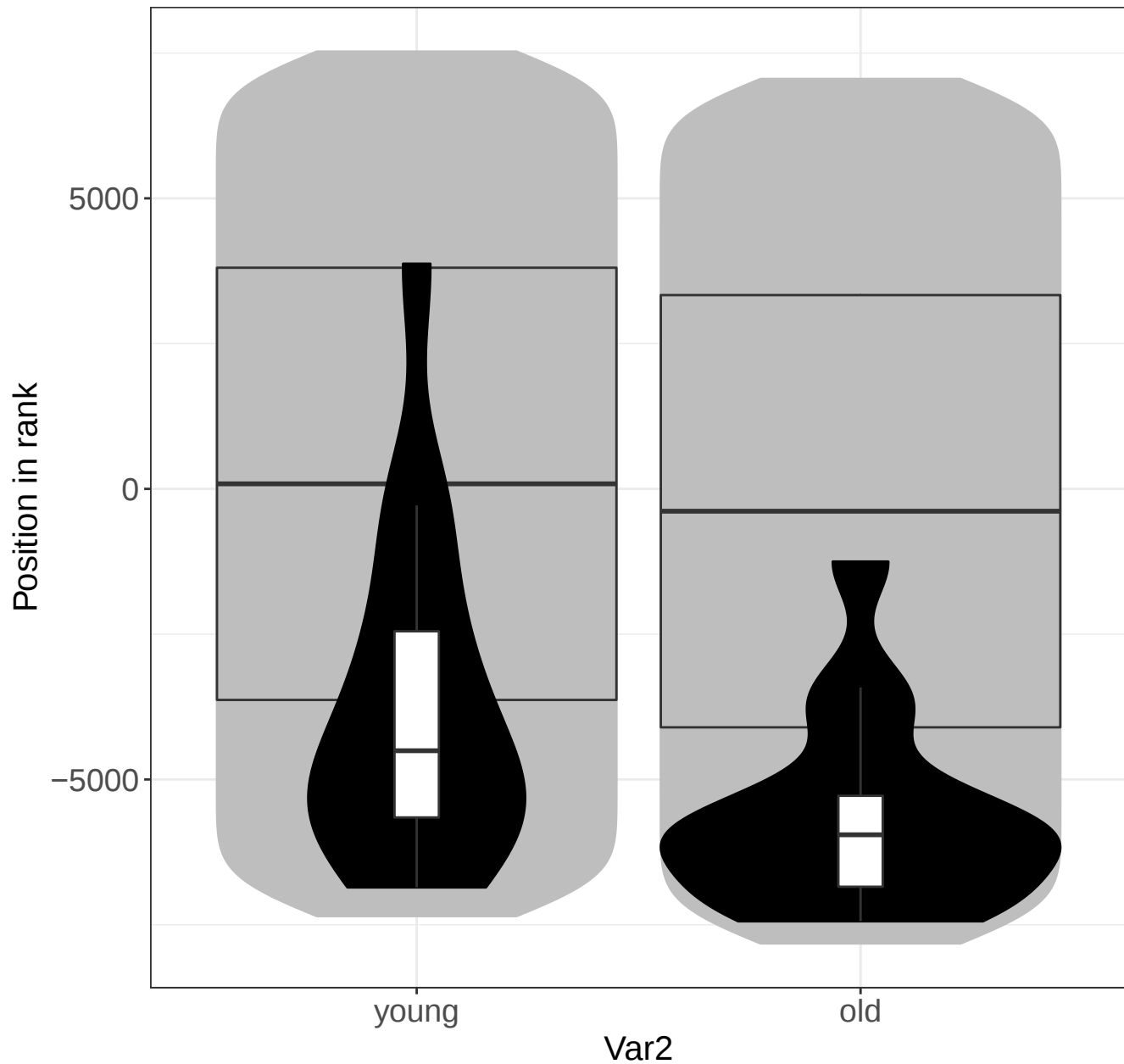
Triglyceride-catabolism



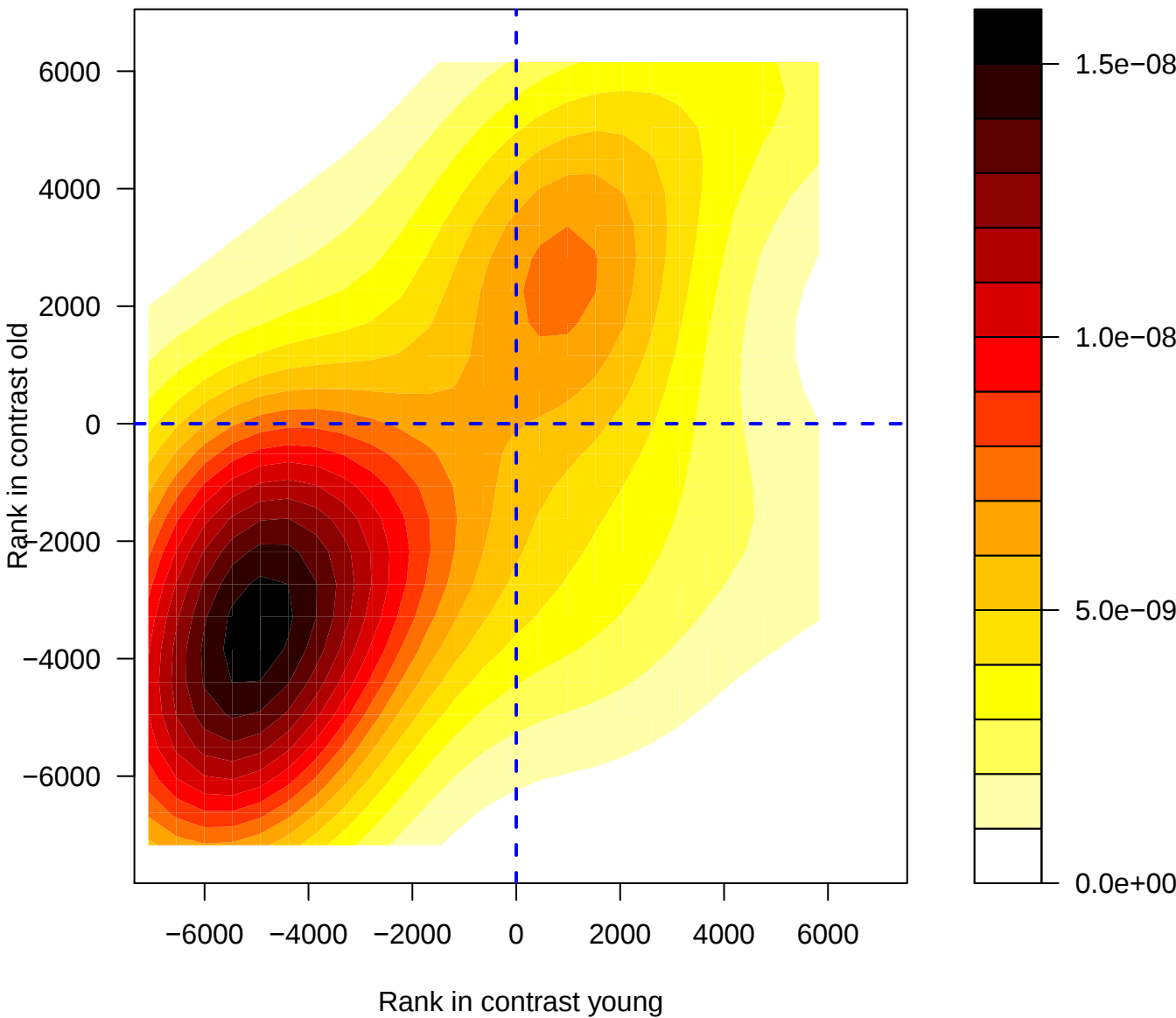
Triglyceride-catabolism



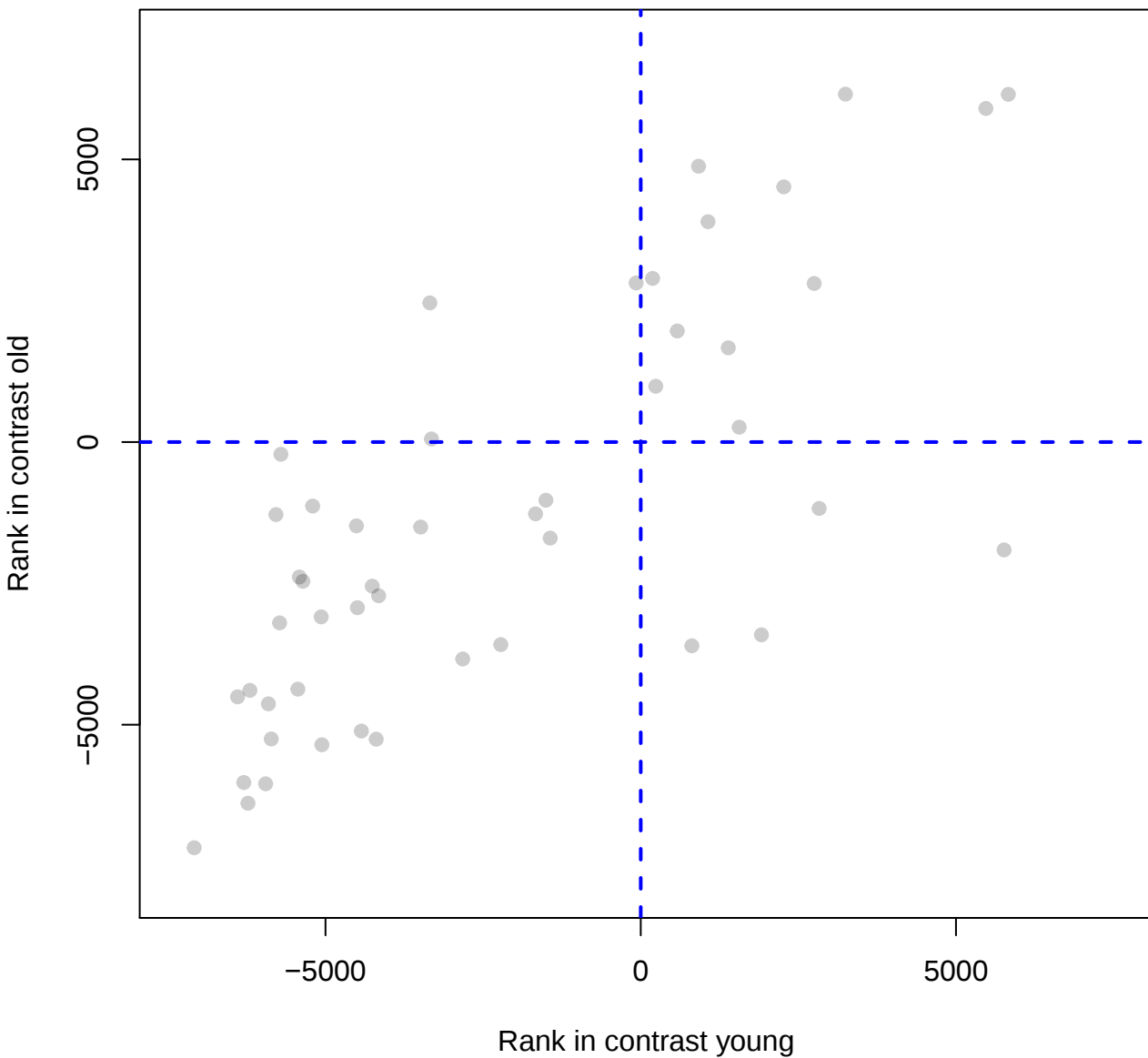
Triglyceride-catabolism



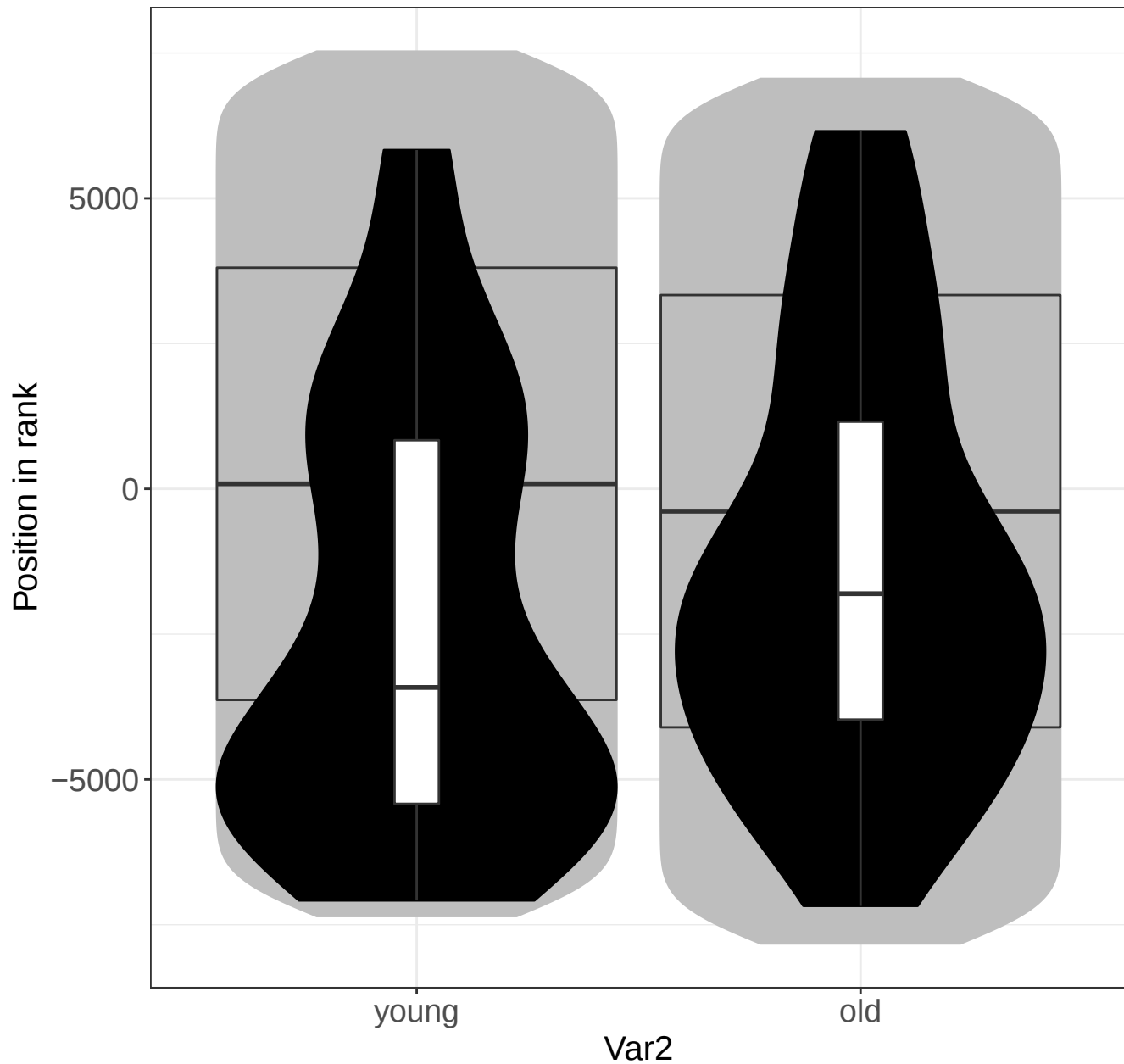
Ubiquitin-Mediated-Degradation-of-Phosphorylated-Cdc



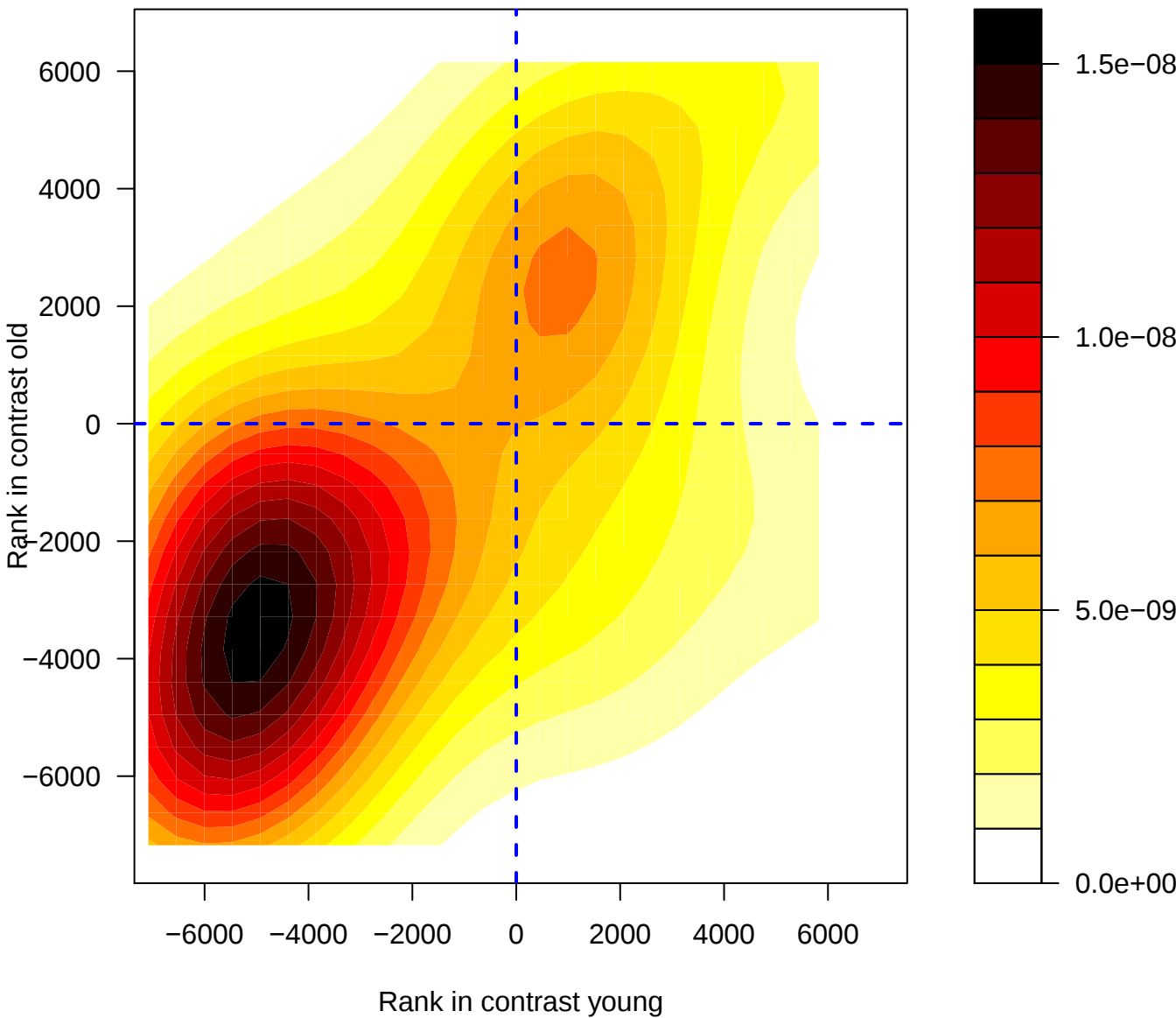
Ubiquitin-Mediated-Degradation-of-Phosphorylated-Cdc25A



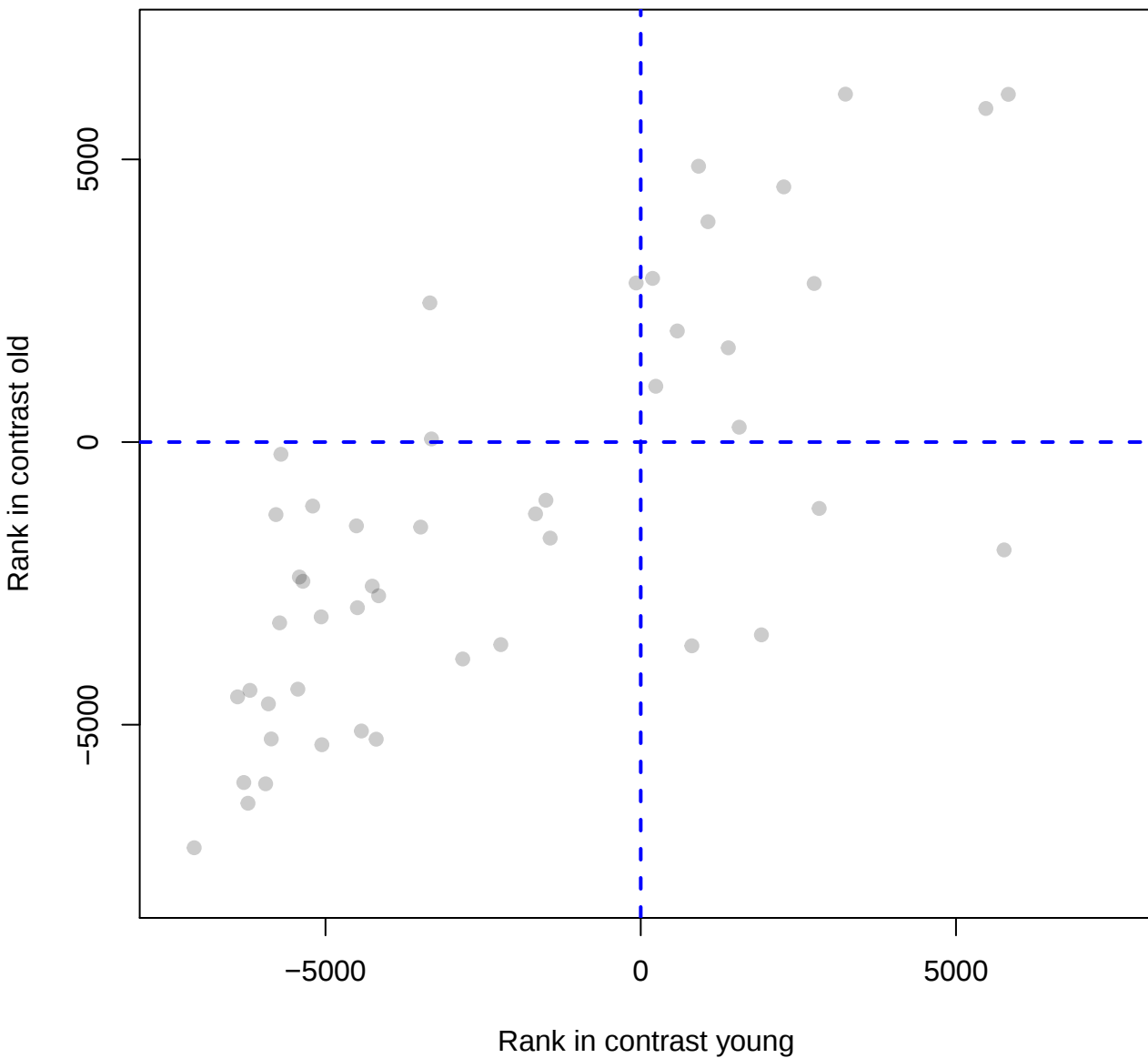
Ubiquitin-Mediated-Degradation-of-Phosphoryla



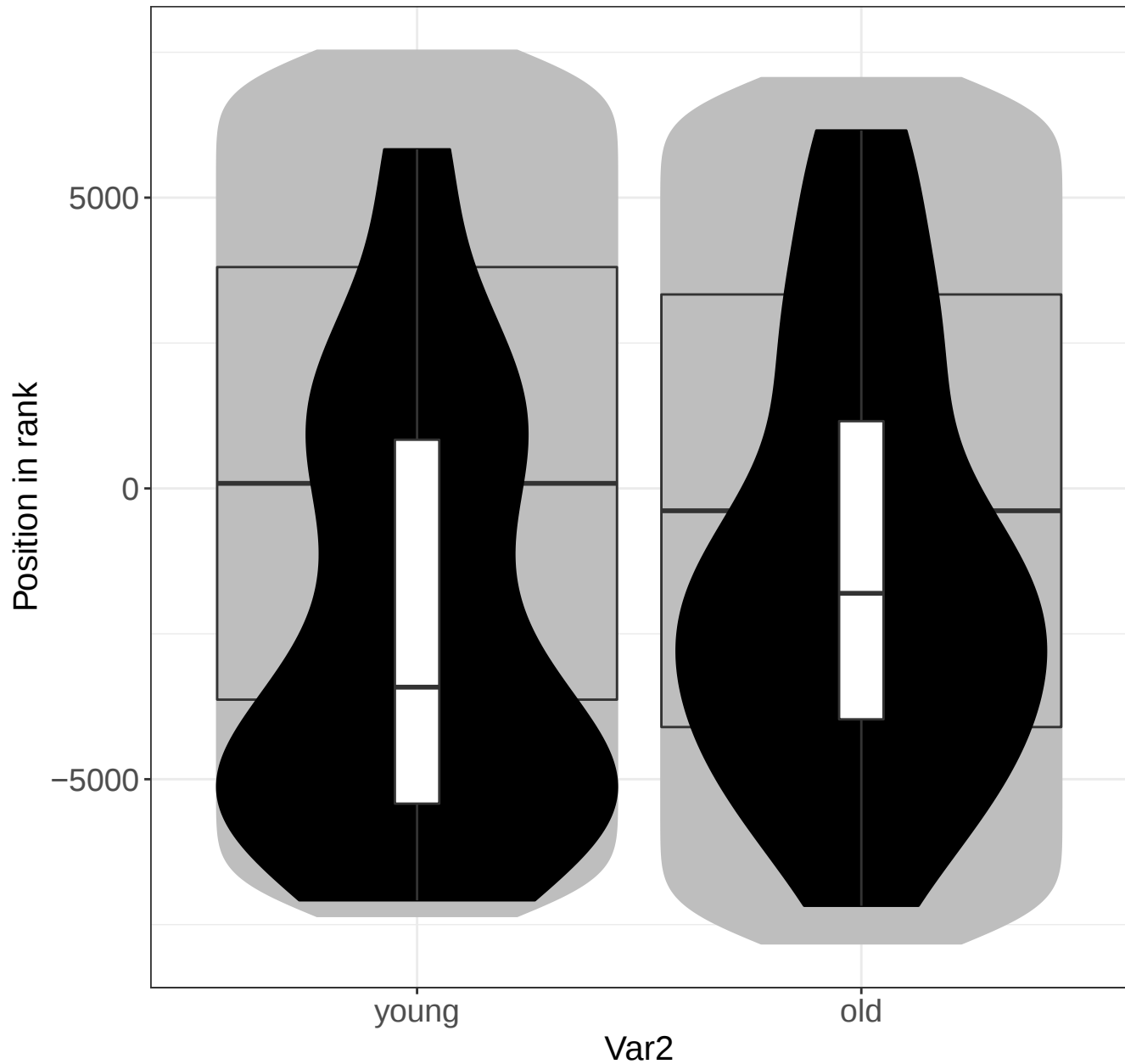
p53-Independent-DNA-Damage-Response



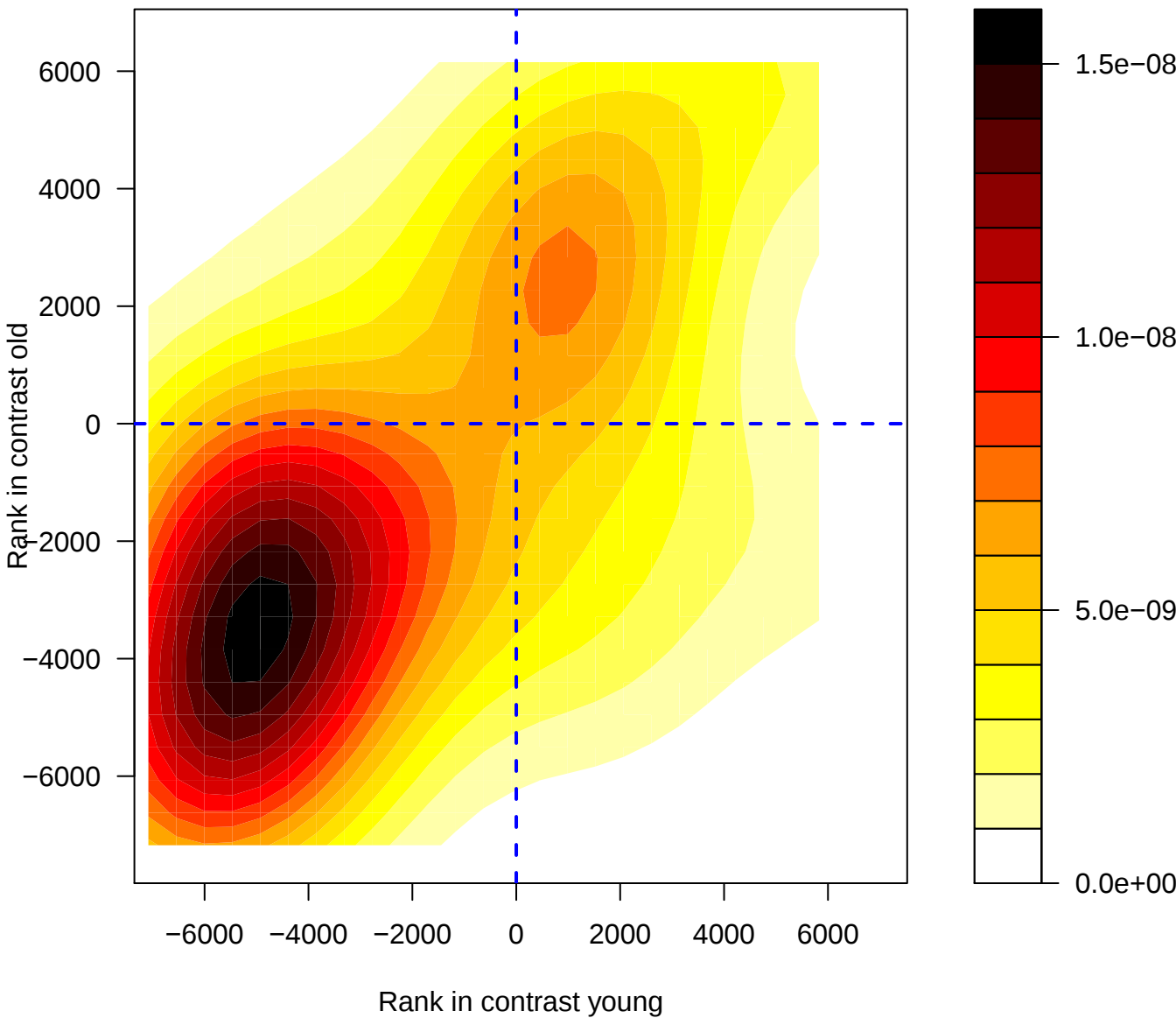
p53-Independent-DNA-Damage-Response



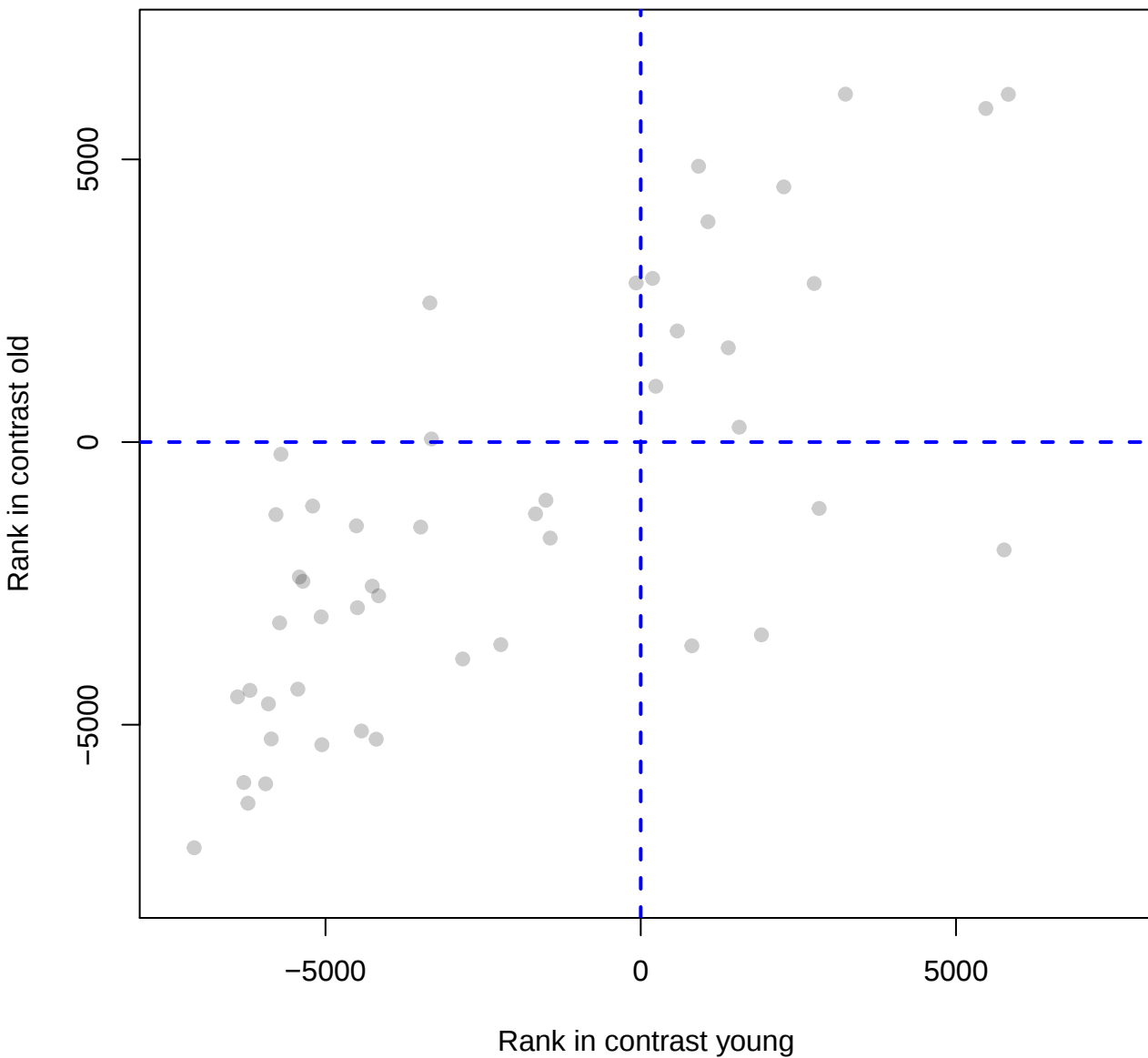
p53-Independent-DNA-Damage-Response



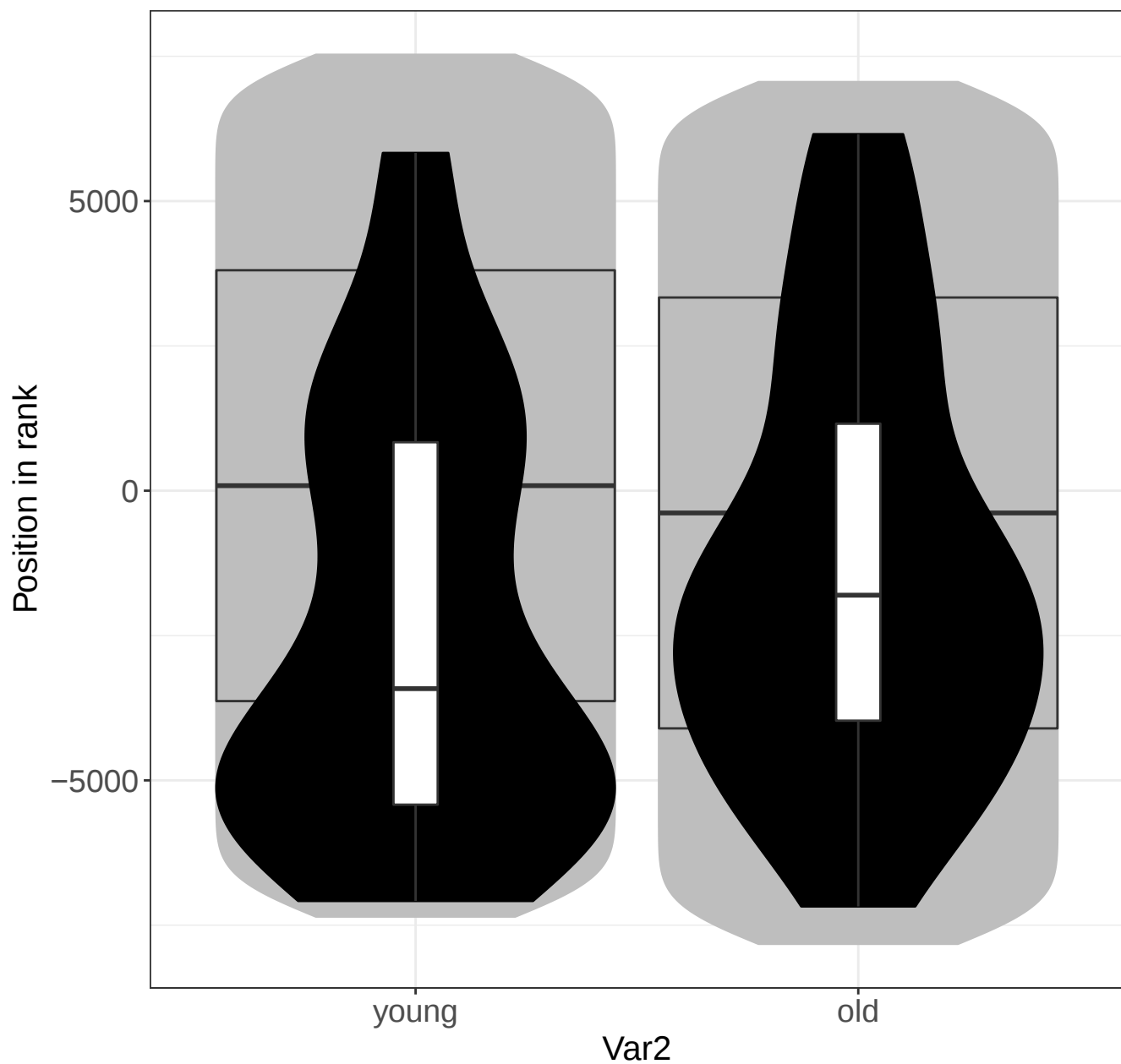
p53-Independent-G1/S-DNA-damage-checkpoint



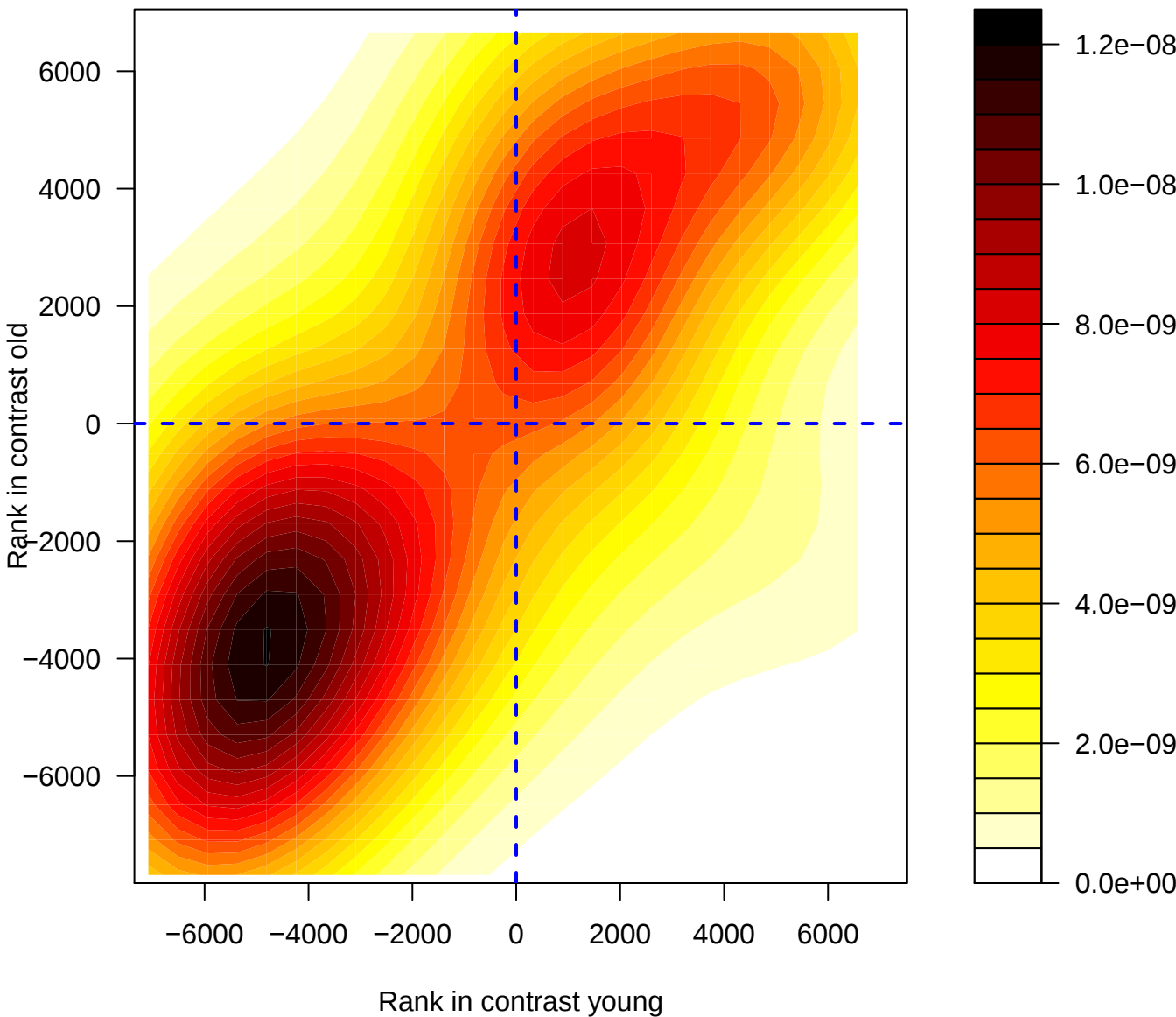
p53-Independent-G1/S-DNA-damage-checkpoint



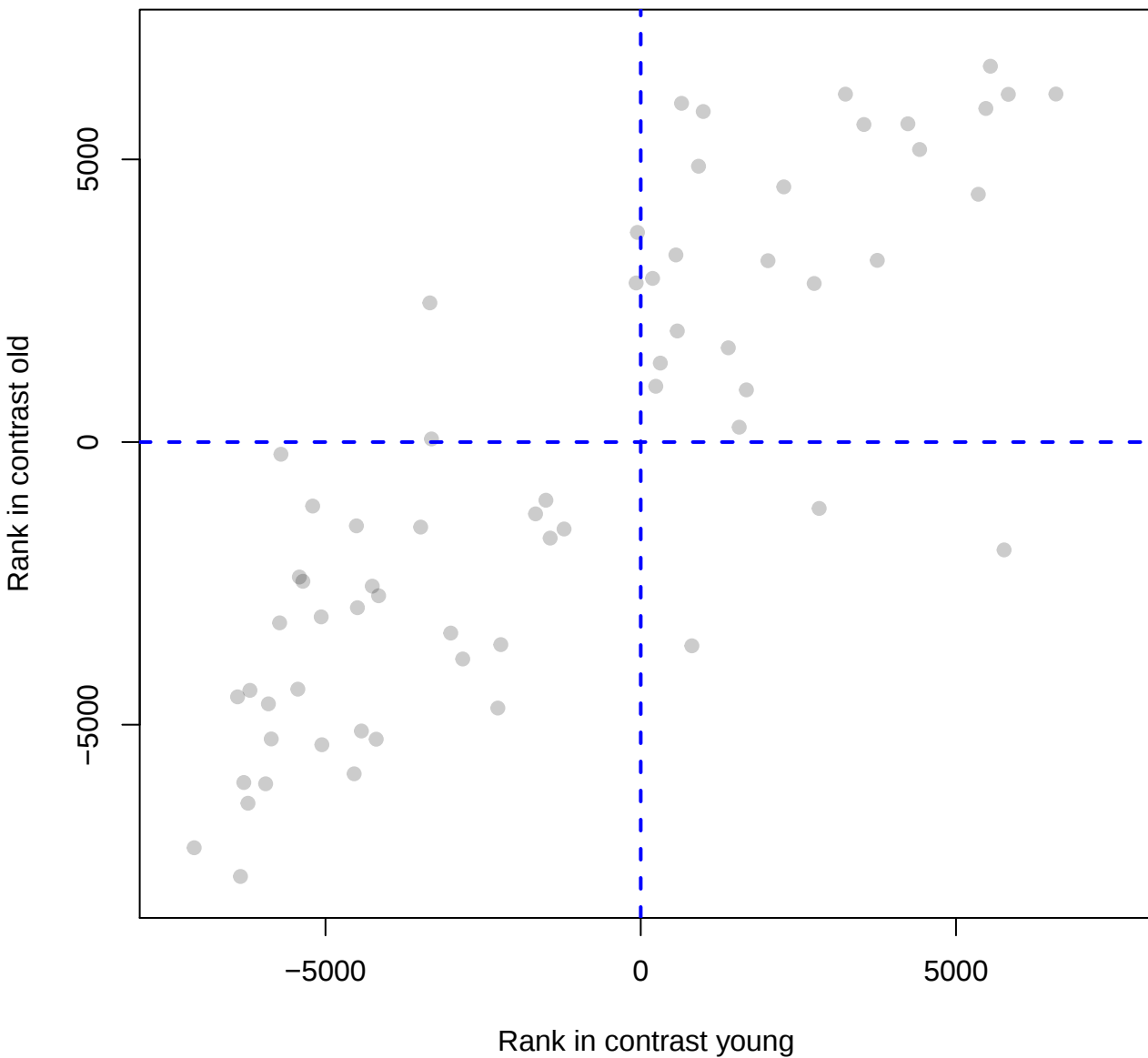
p53-Independent-G1/S-DNA-damage-checkpo



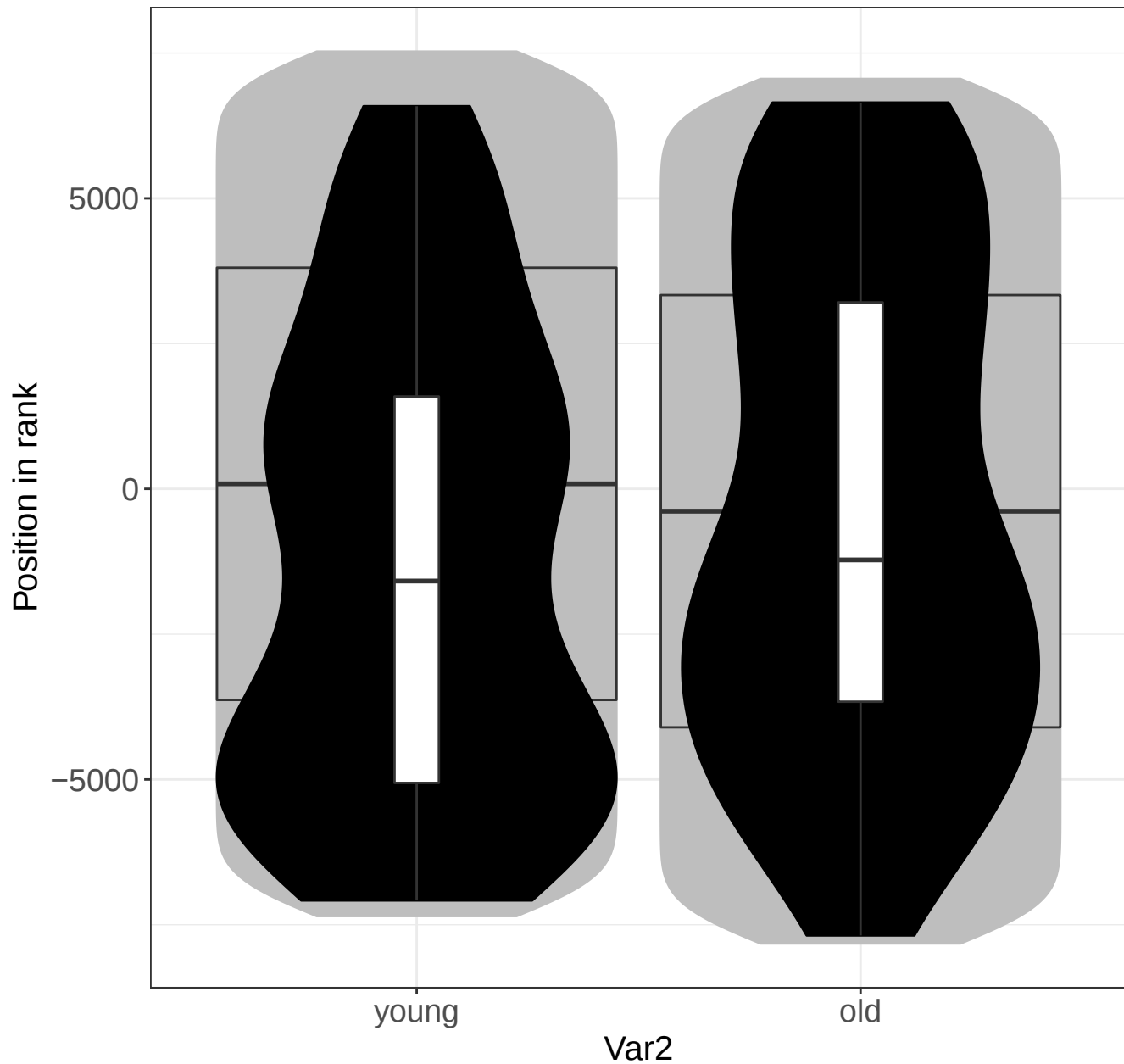
Assembly-of-the-pre-replicative-complex



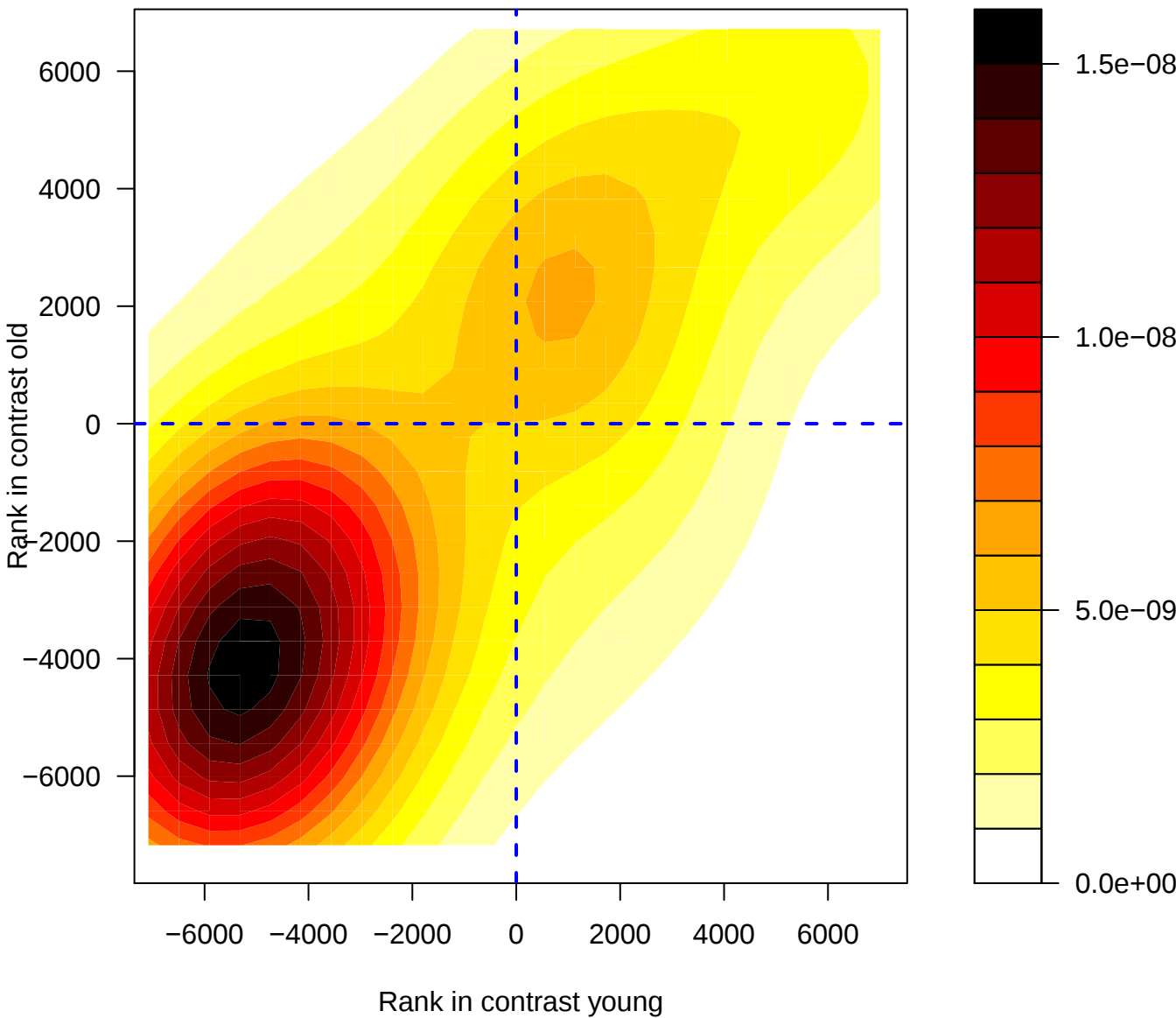
Assembly-of-the-pre-replicative-complex



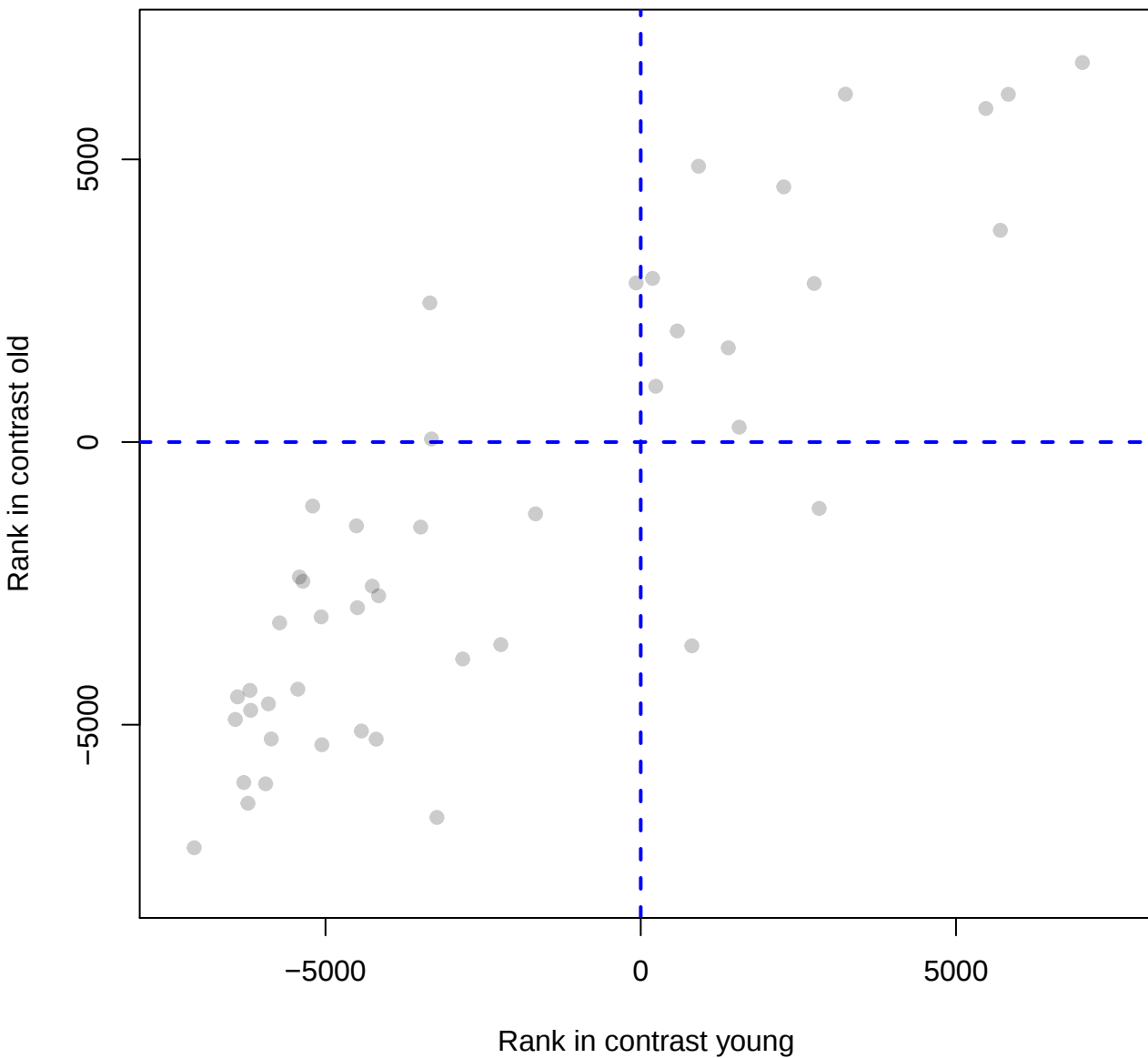
Assembly-of-the-pre-replicative-complex



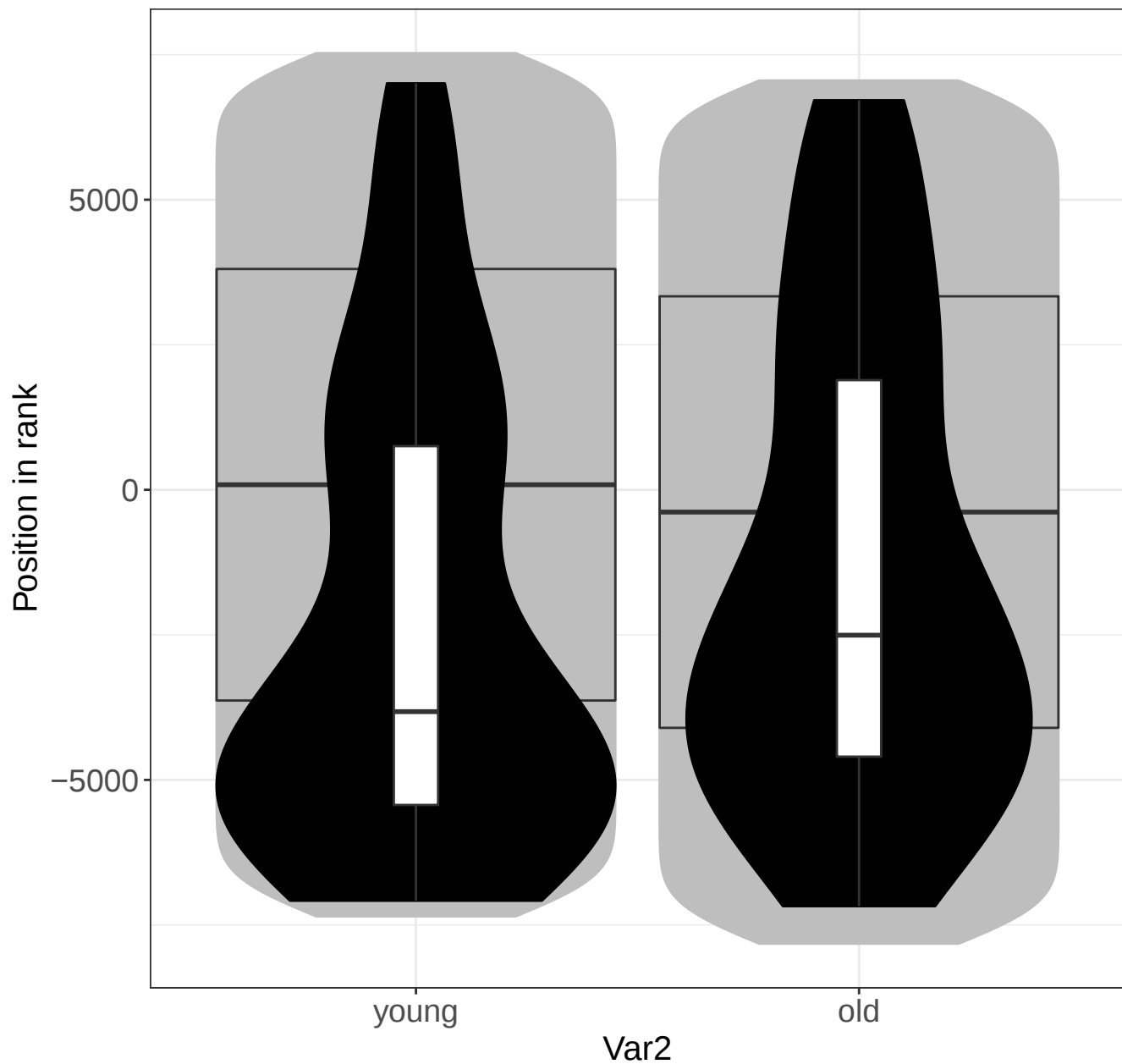
Regulation-of-ornithine-decarboxylase-(ODC)



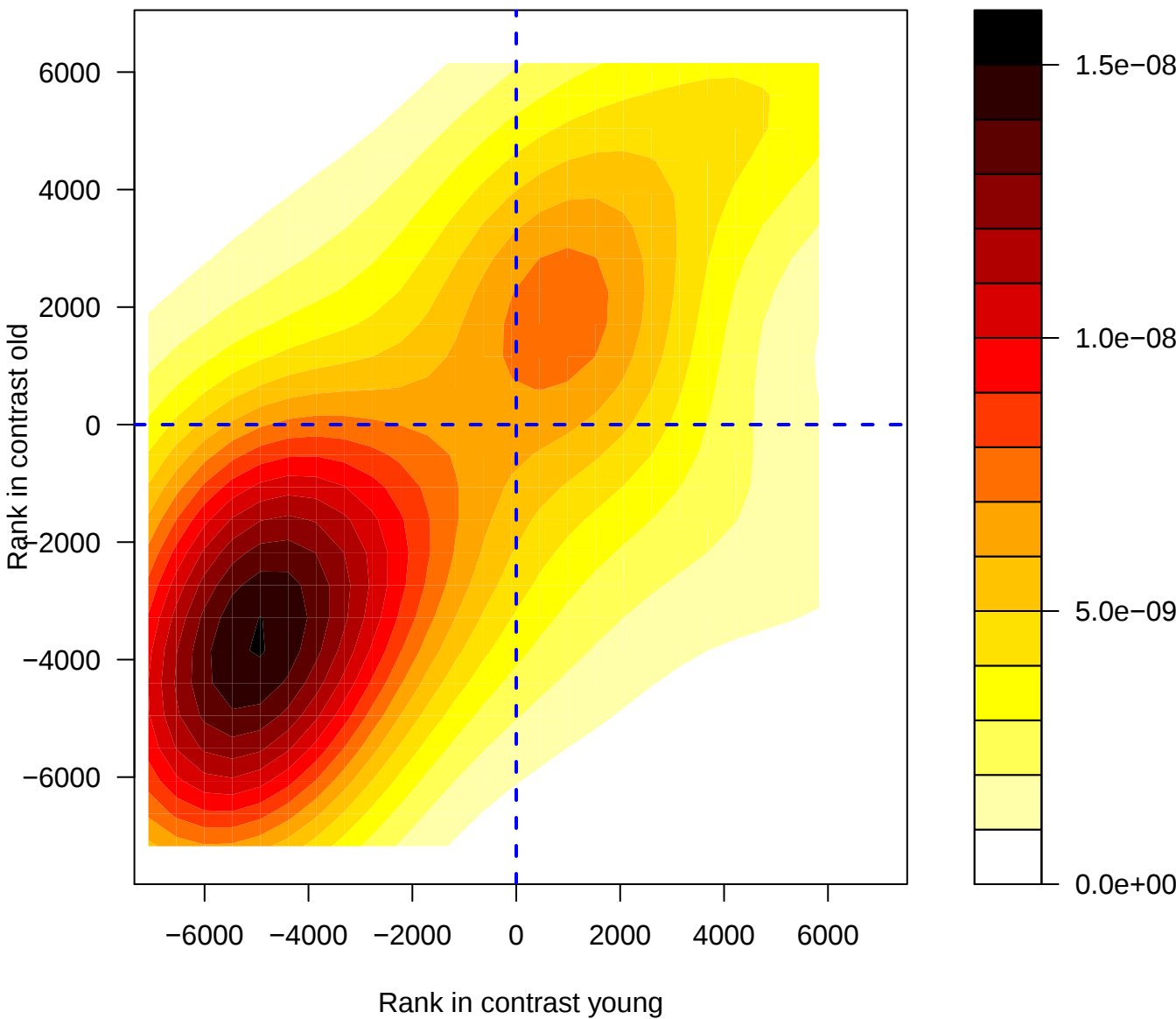
Regulation-of-ornithine-decarboxylase-(ODC)



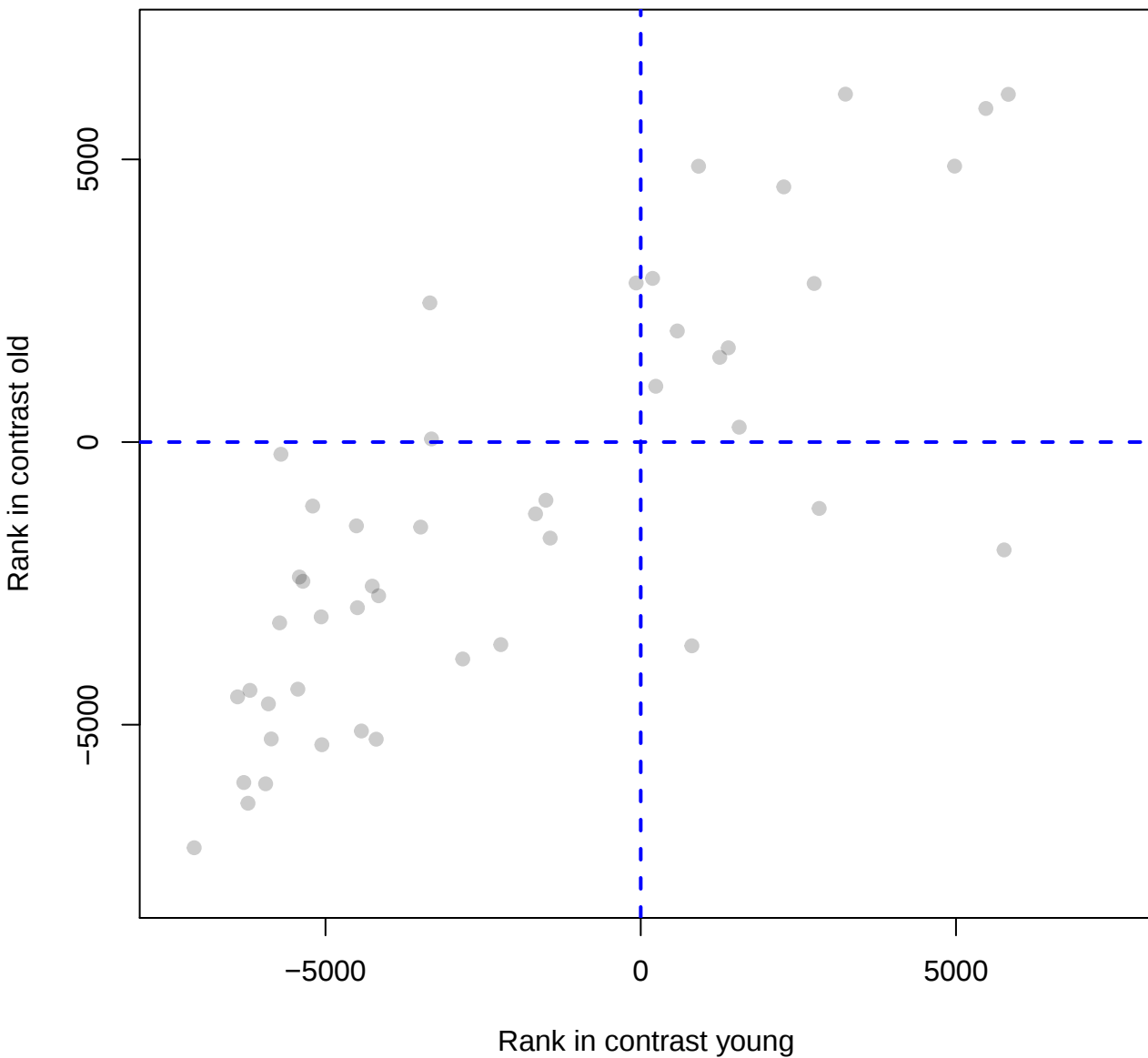
Regulation-of-ornithine-decarboxylase-(ODC)



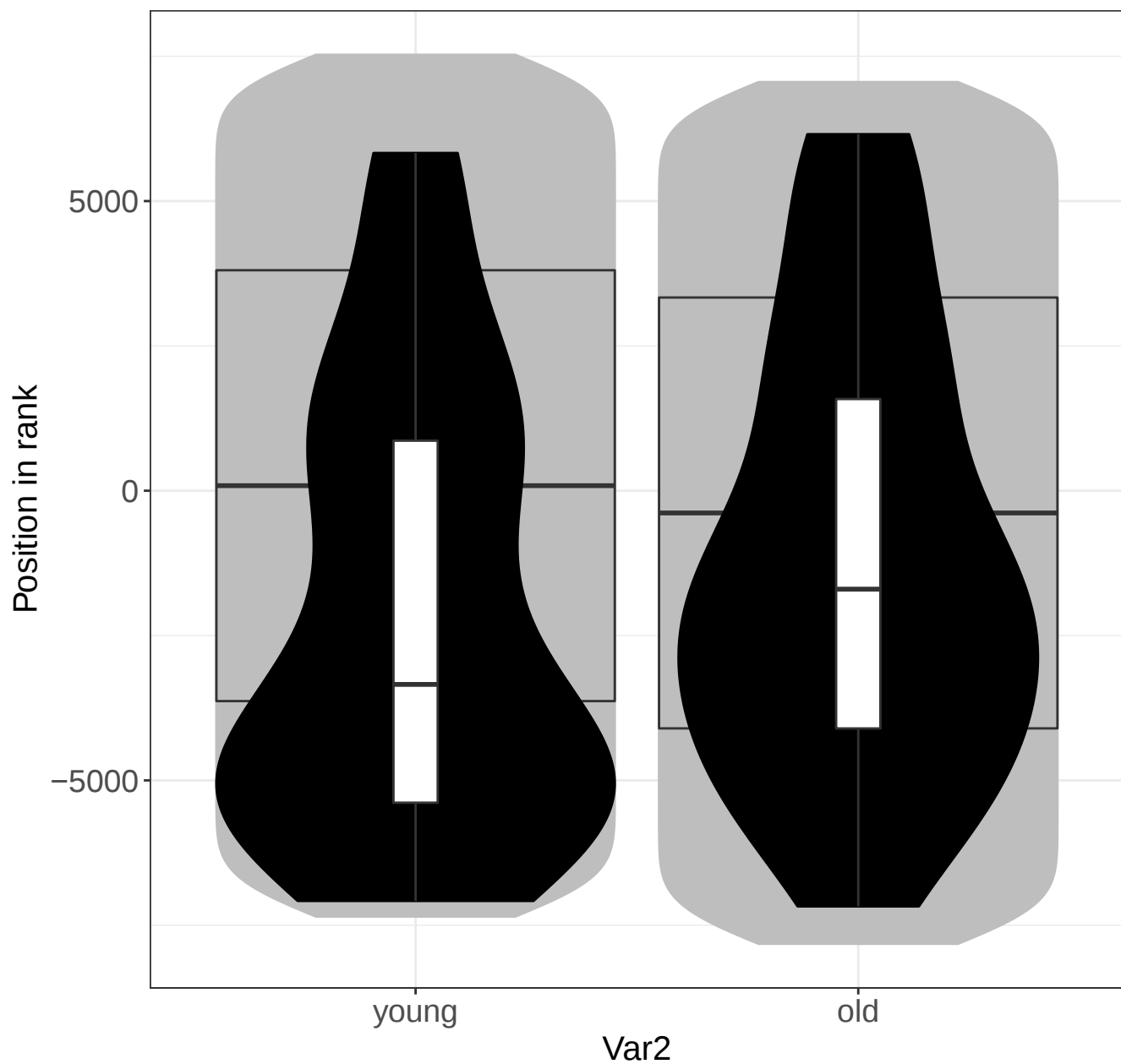
Autodegradation-of-the-E3-ubiquitin-ligase-COP1



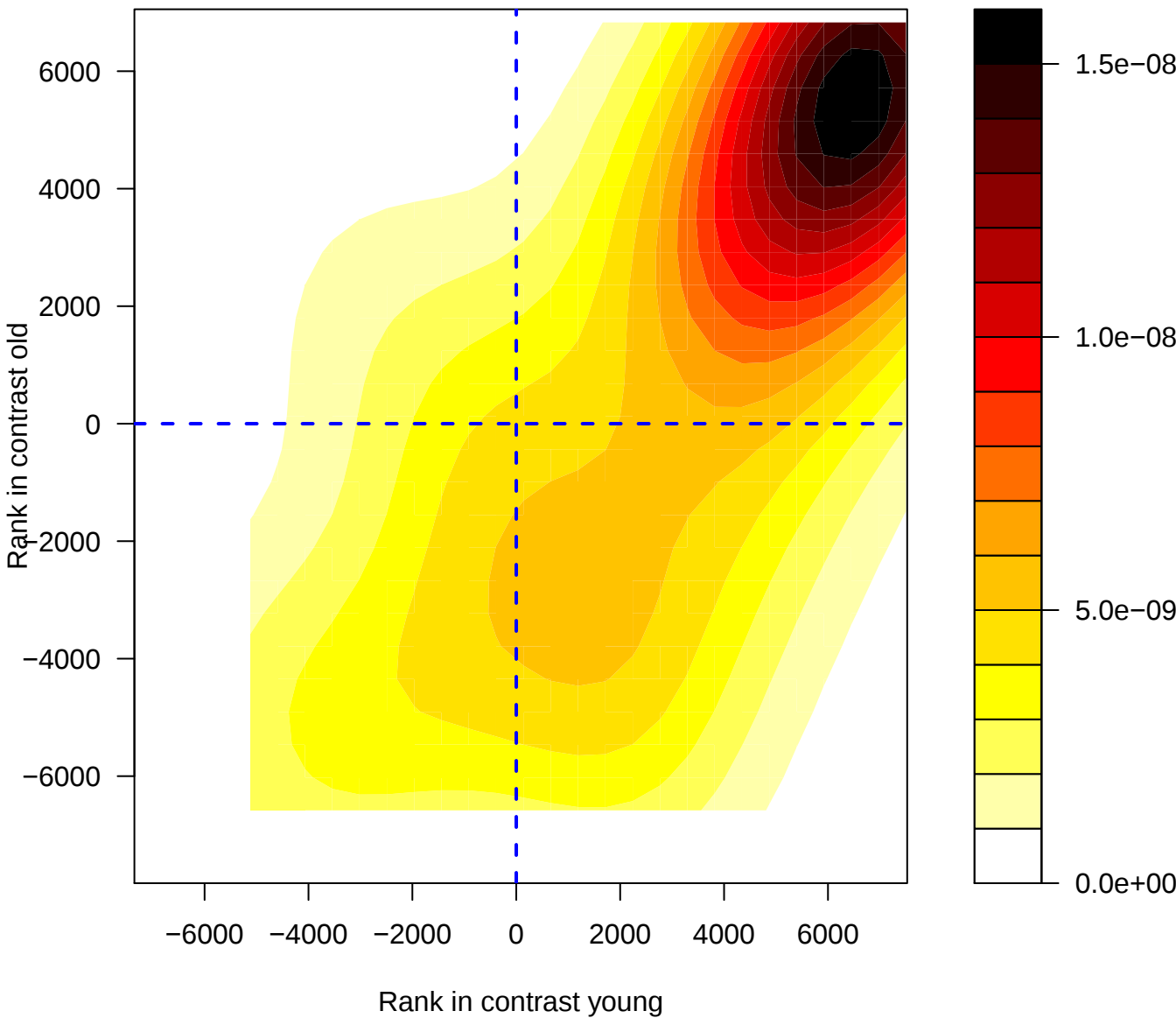
Autodegradation-of-the-E3-ubiquitin-ligase-COP1



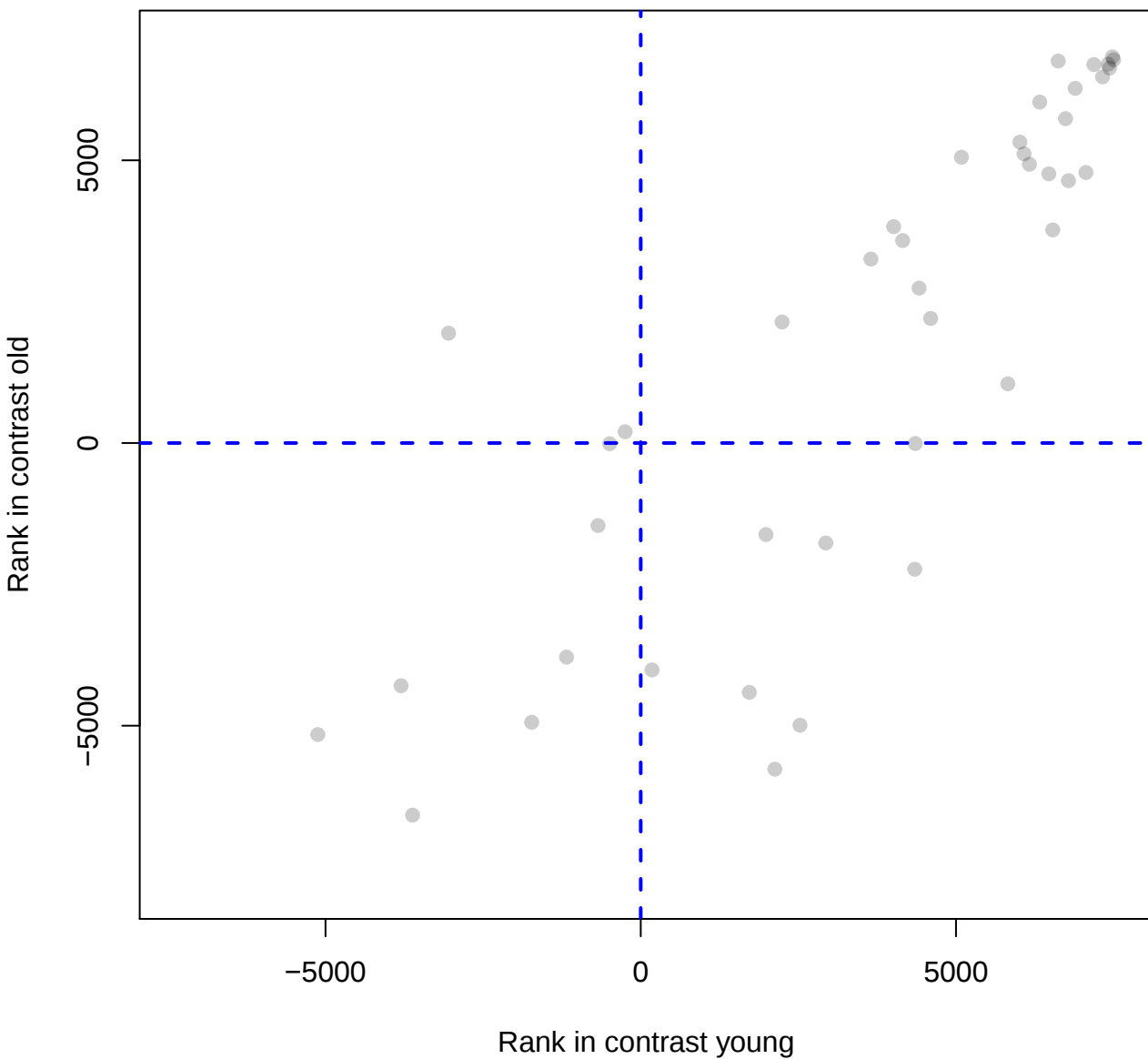
Autodegradation-of-the-E3-ubiquitin-ligase-CC



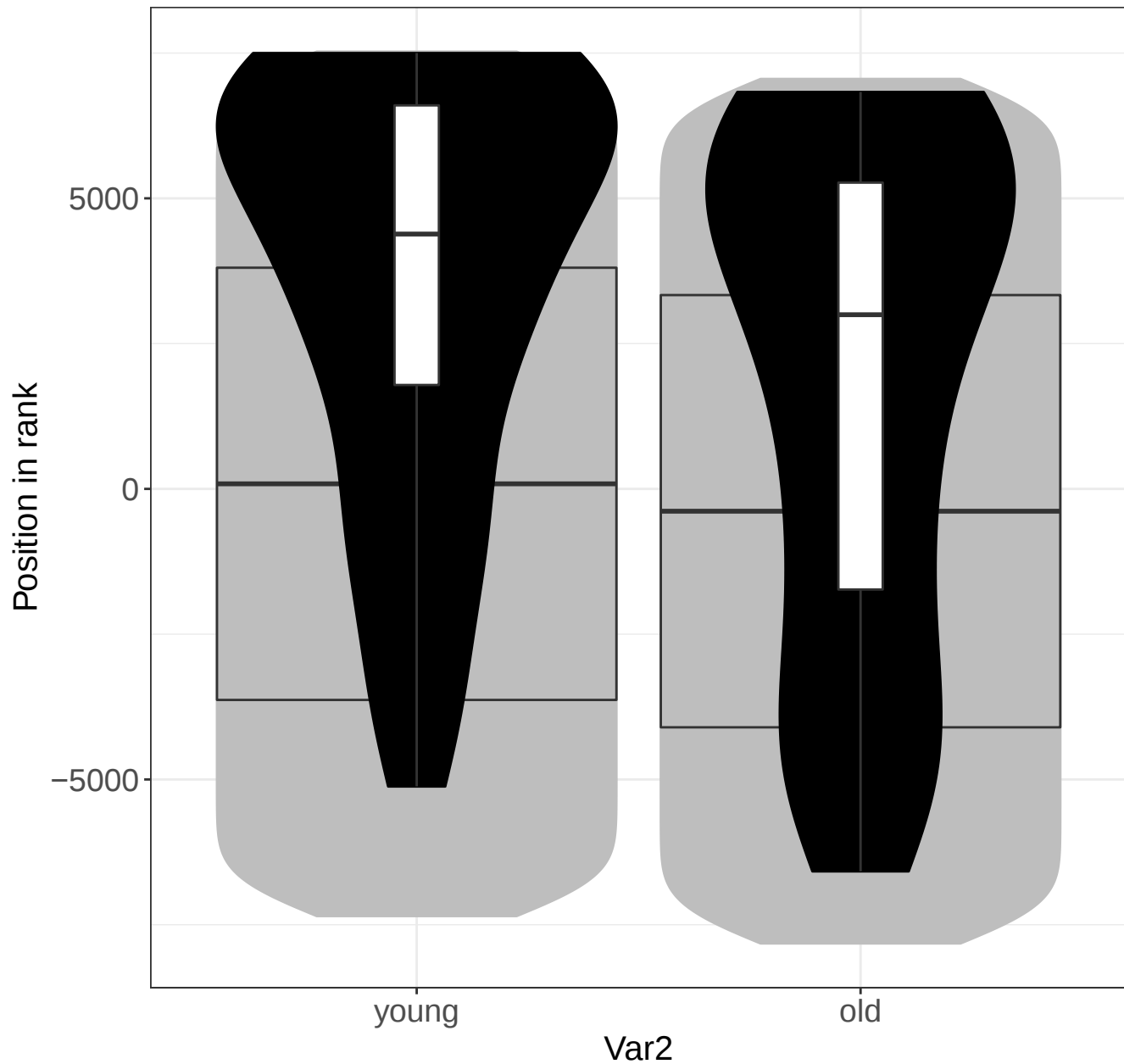
Heparan-sulfate/heparin-(HS-GAG)-metabolism



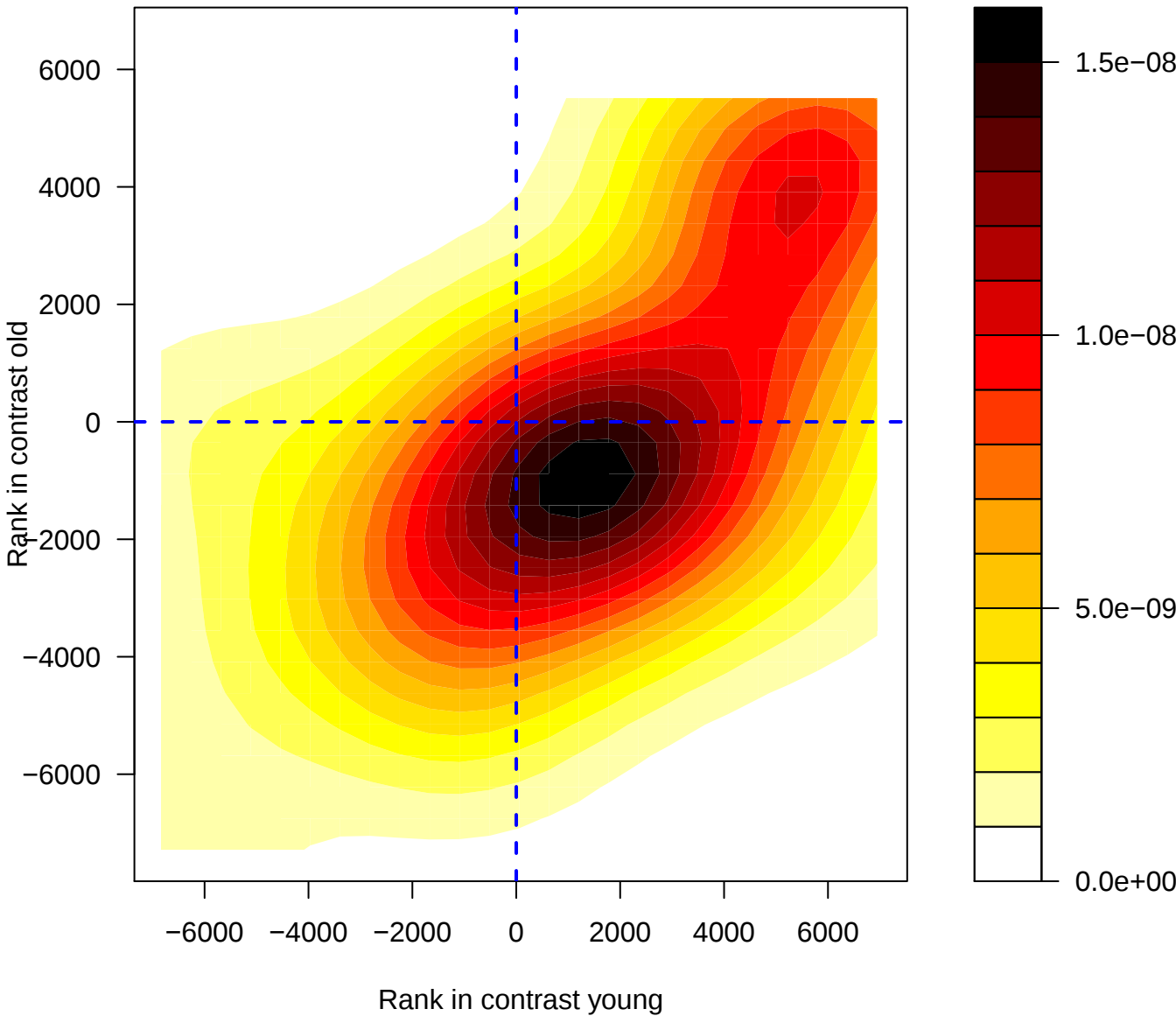
Heparan-sulfate/heparin-(HS-GAG)-metabolism



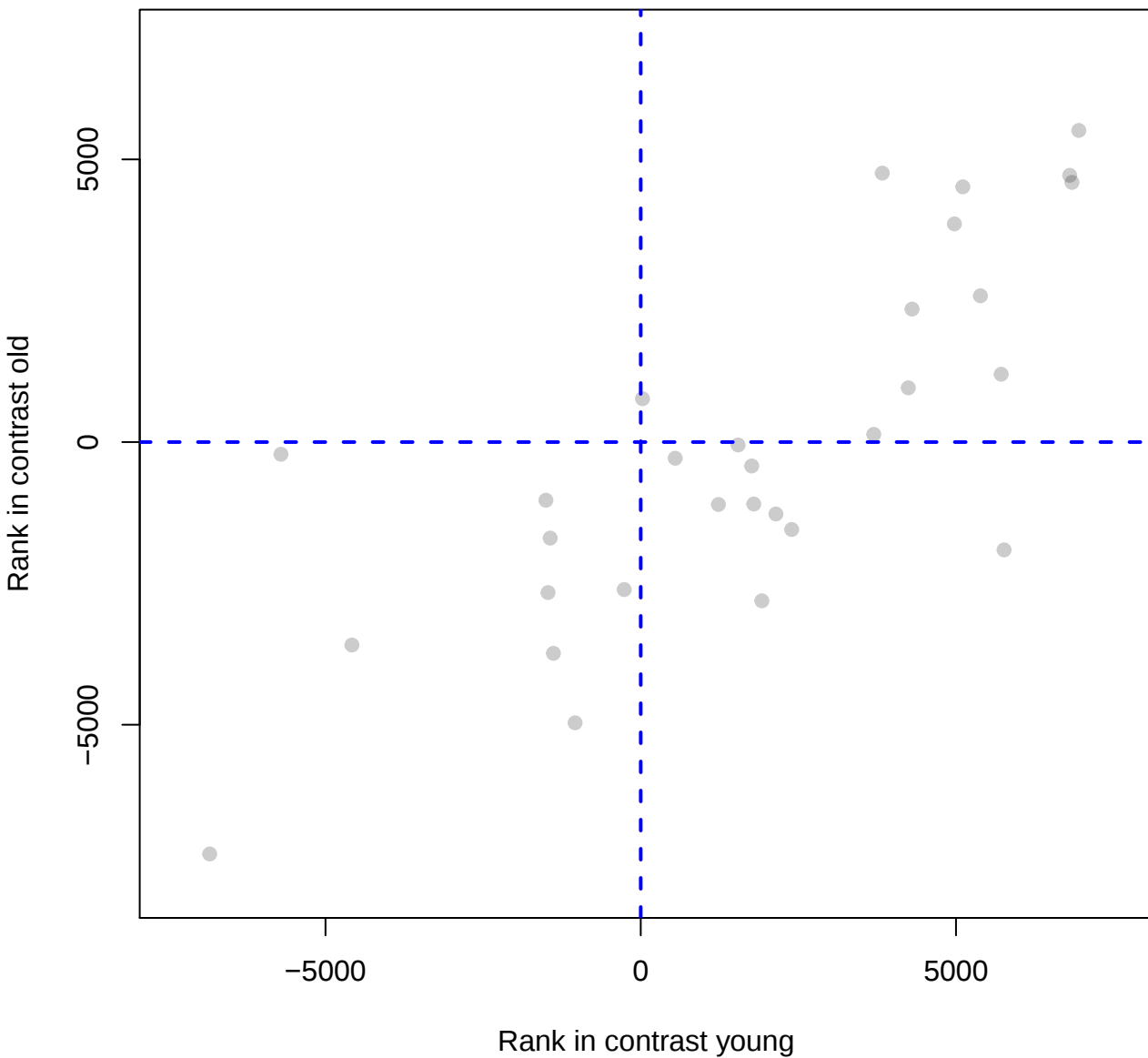
Heparan-sulfate/heparin-(HS-GAG)-metabolism



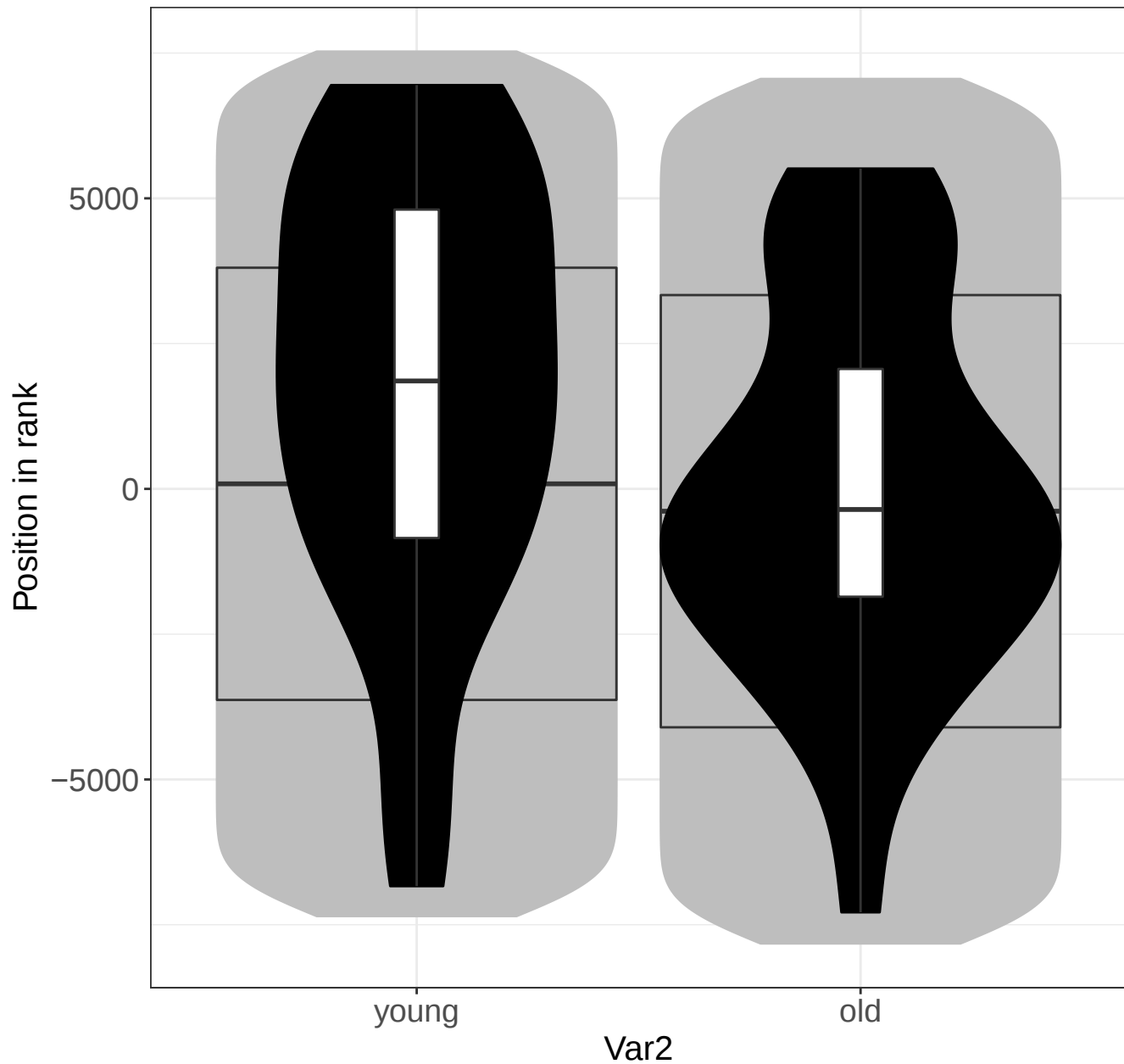
Endosomal-Sorting-Complex-Required-For-Transport-(ES



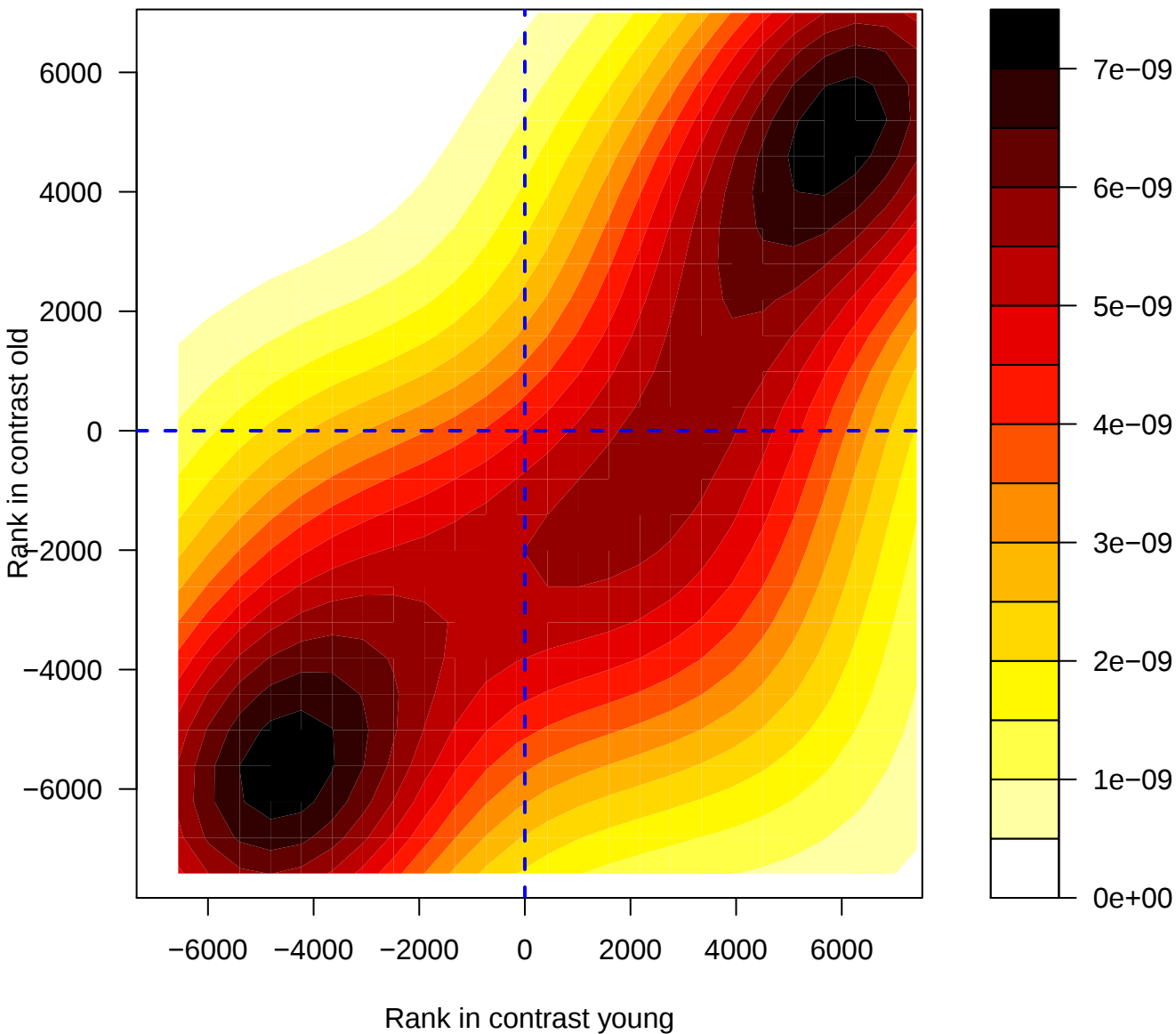
Endosomal-Sorting-Complex-Required-For-Transport-(ESCRT)



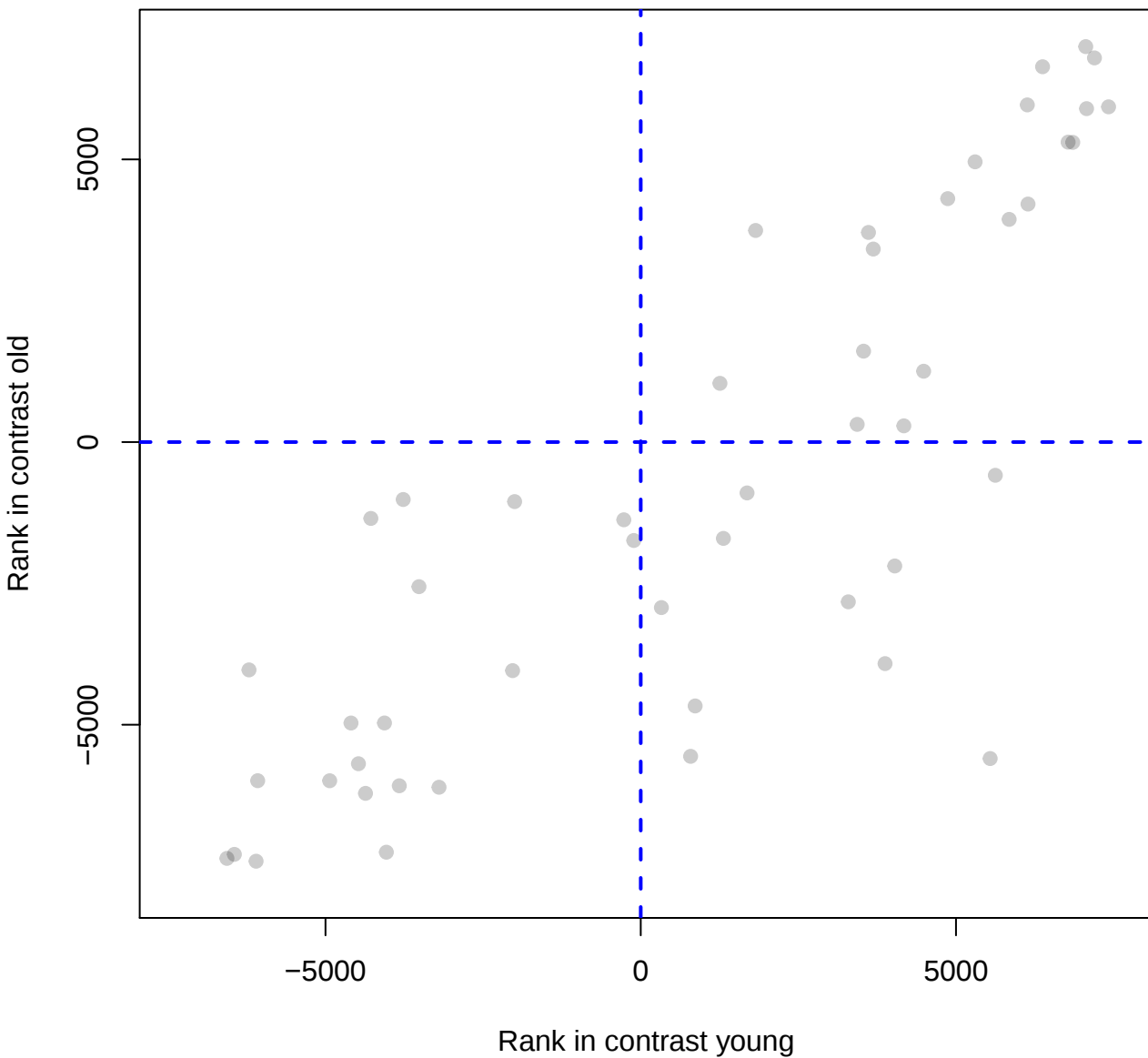
Endosomal-Sorting-Complex-Required-For-Tra



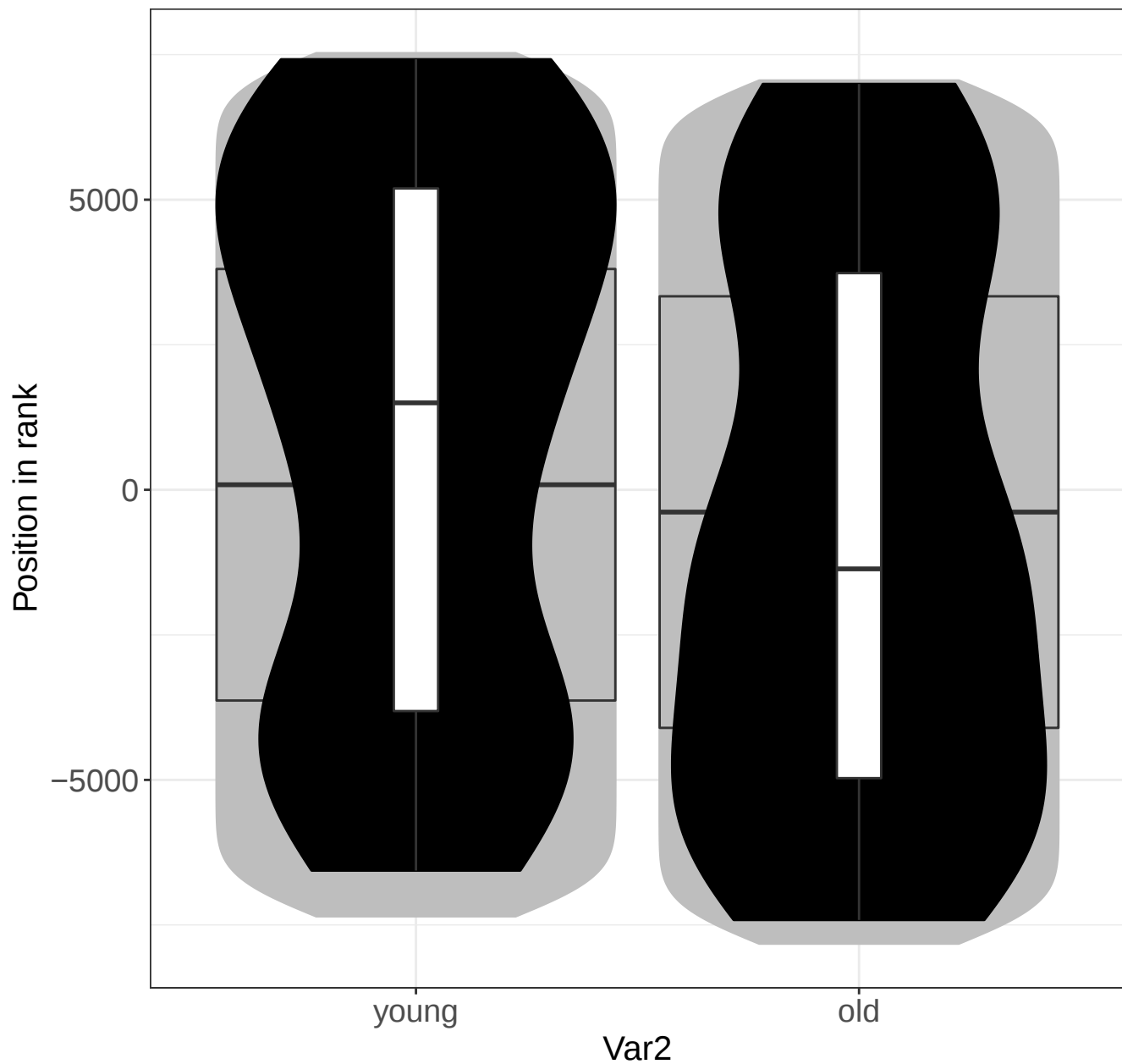
Post-NMDA-receptor-activation-events



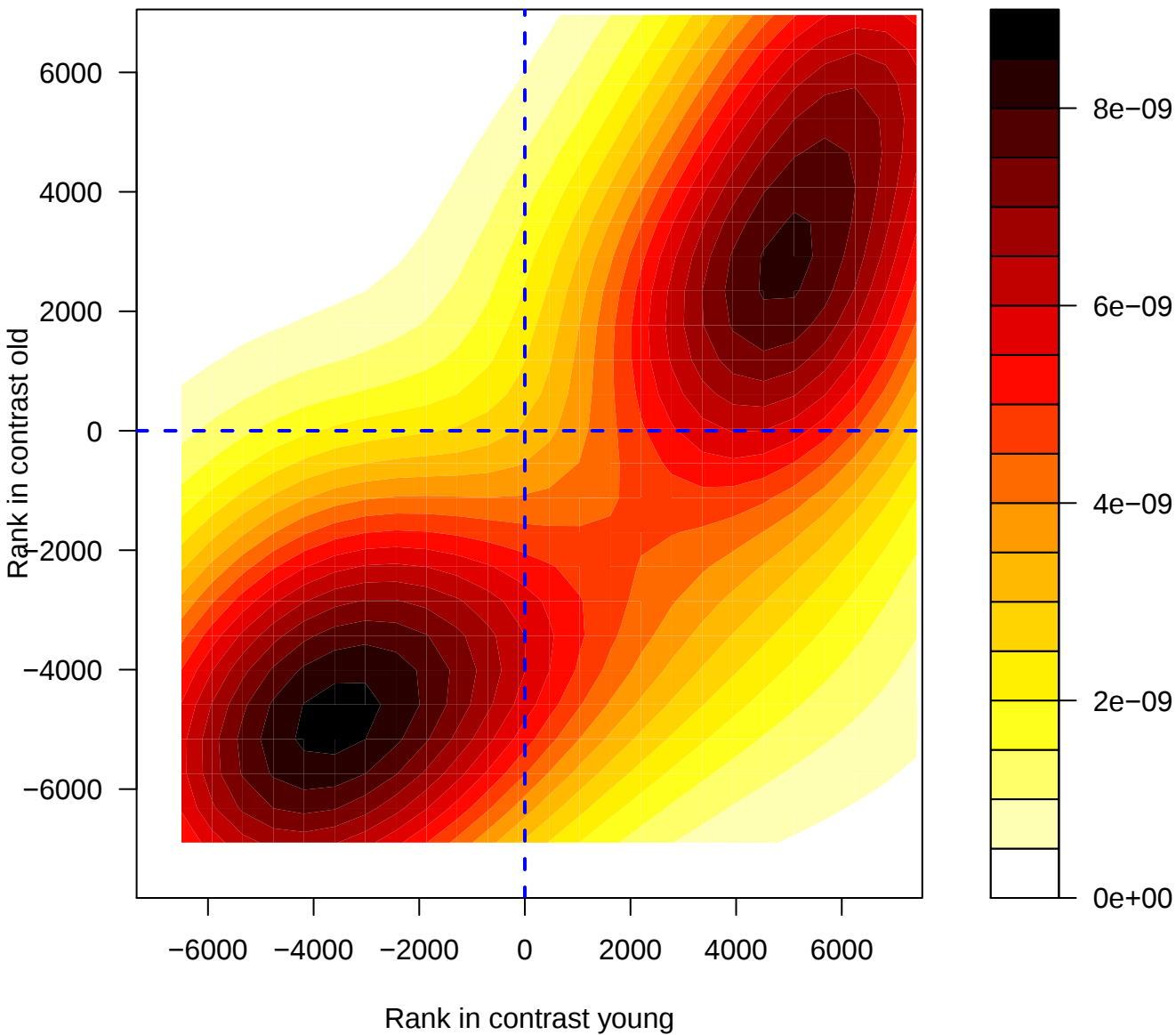
Post-NMDA-receptor-activation-events



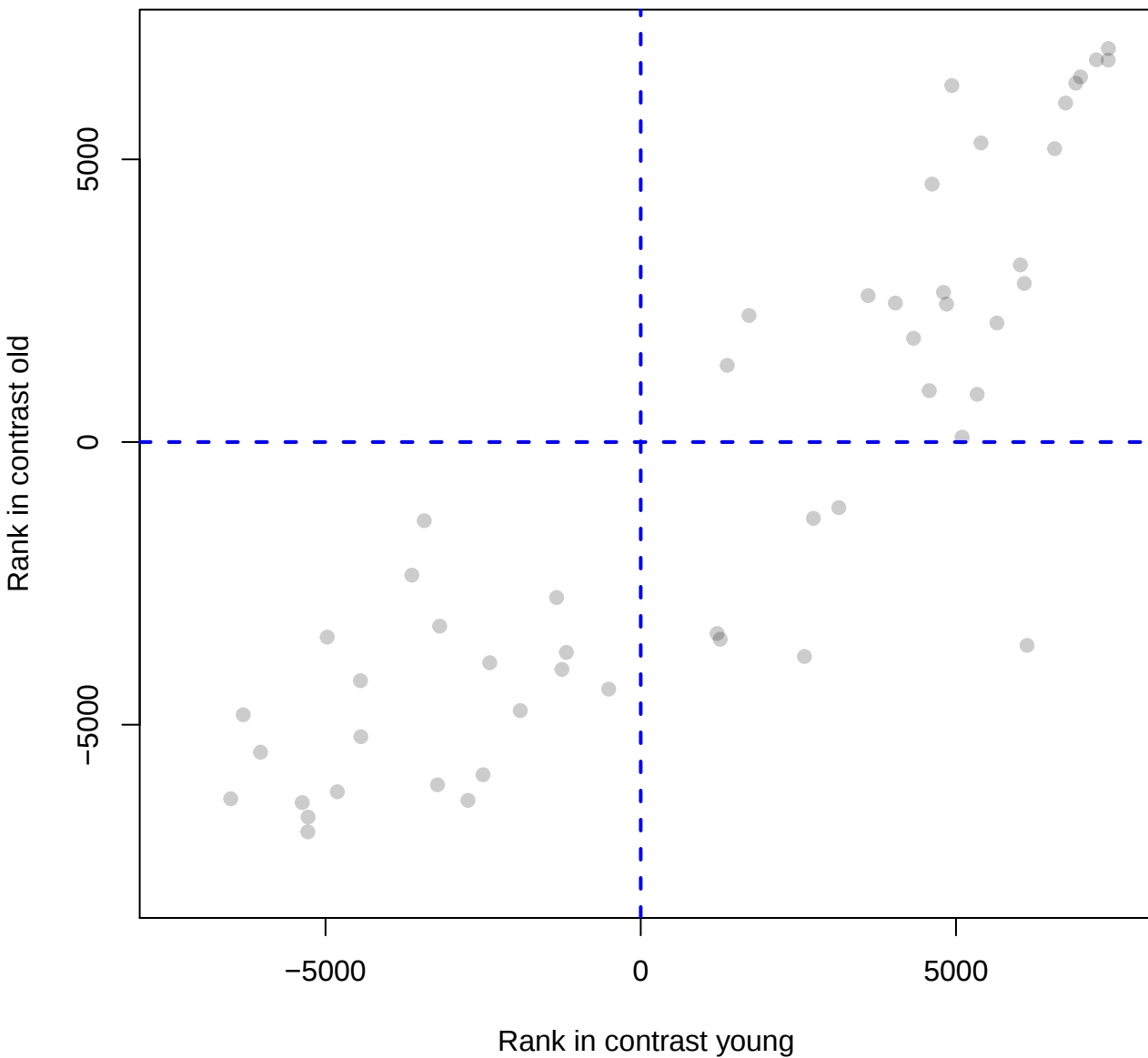
Post-NMDA-receptor-activation-events



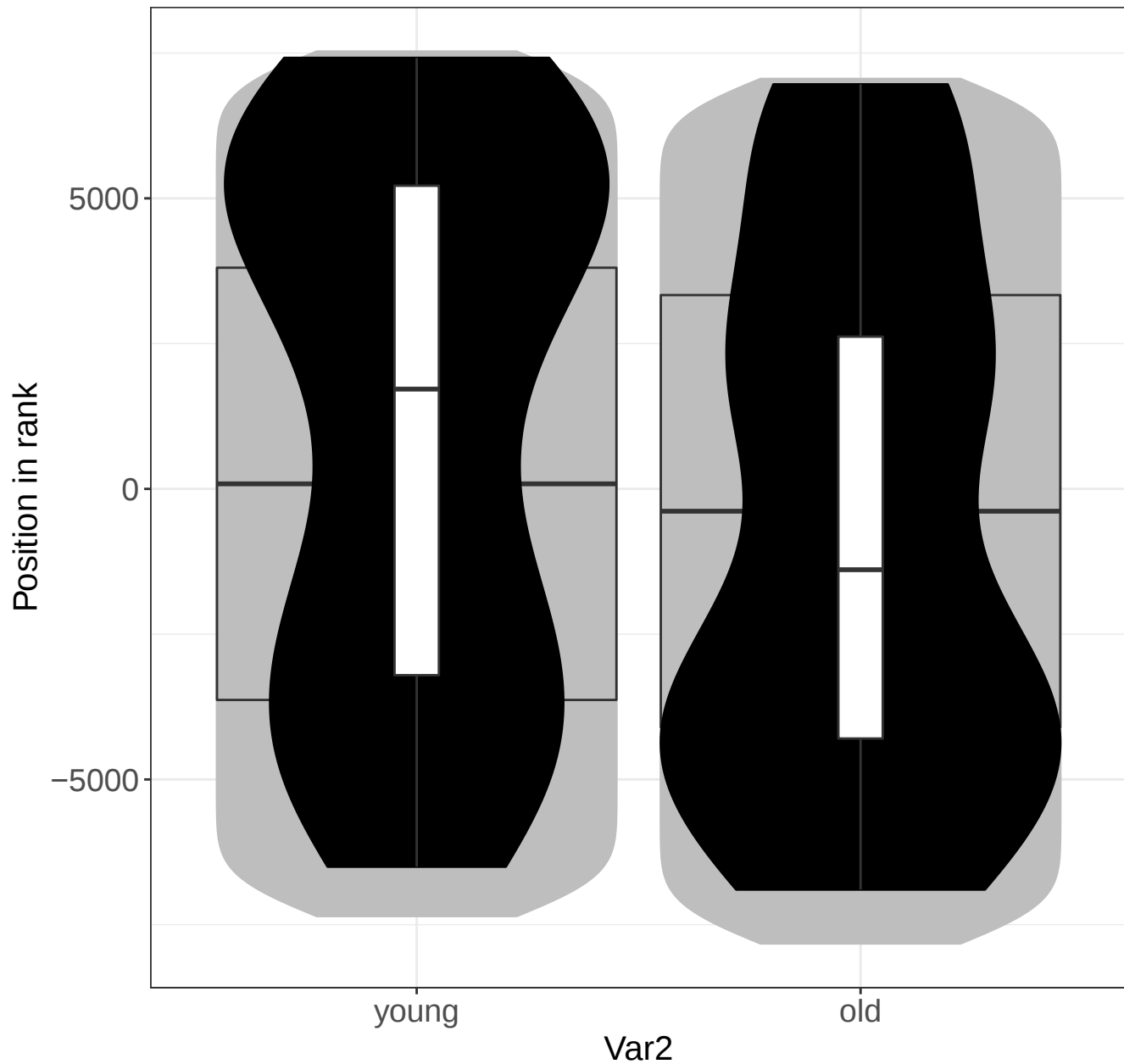
RAB-geranylgeranylation



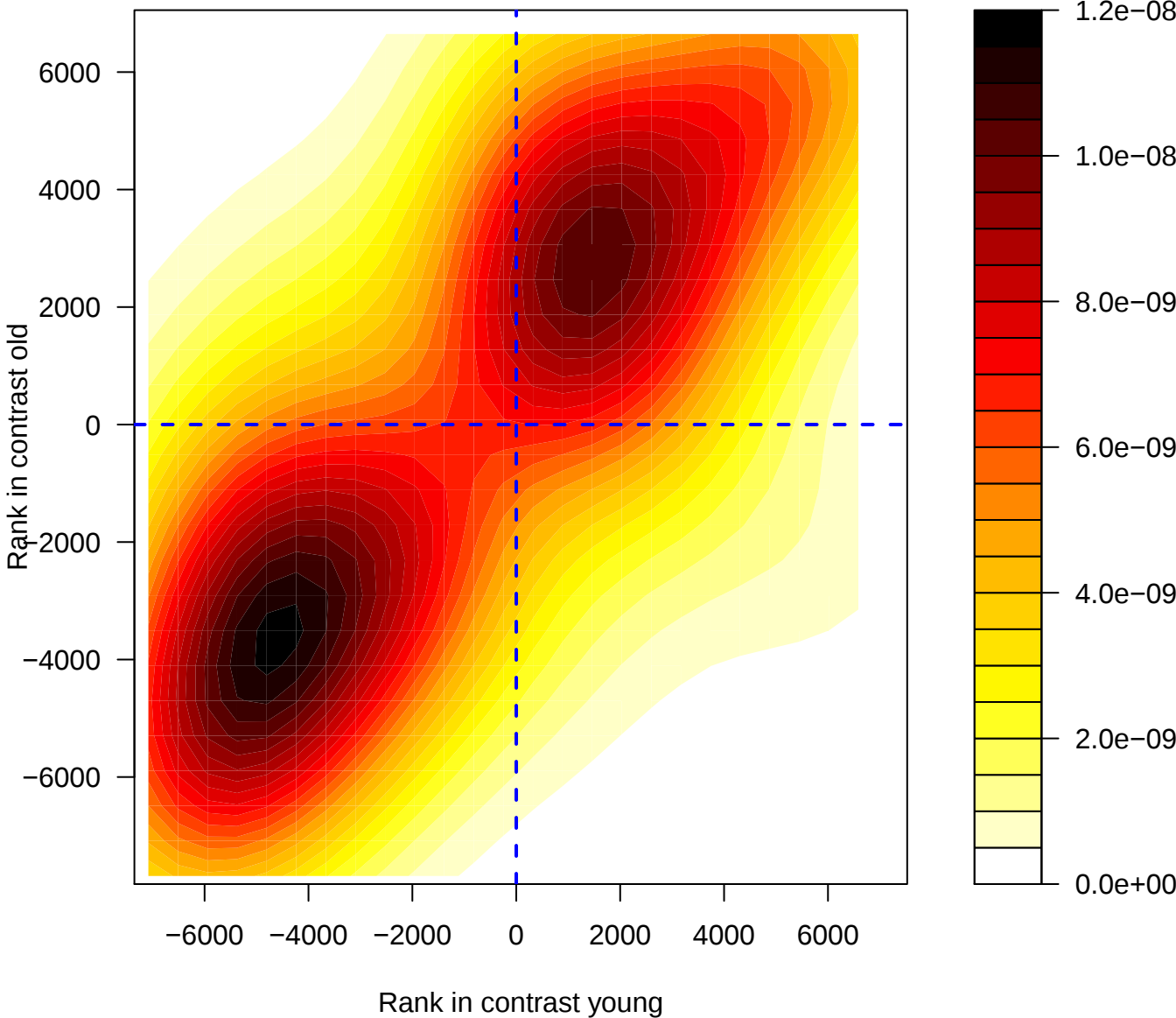
RAB-geranylgeranylation



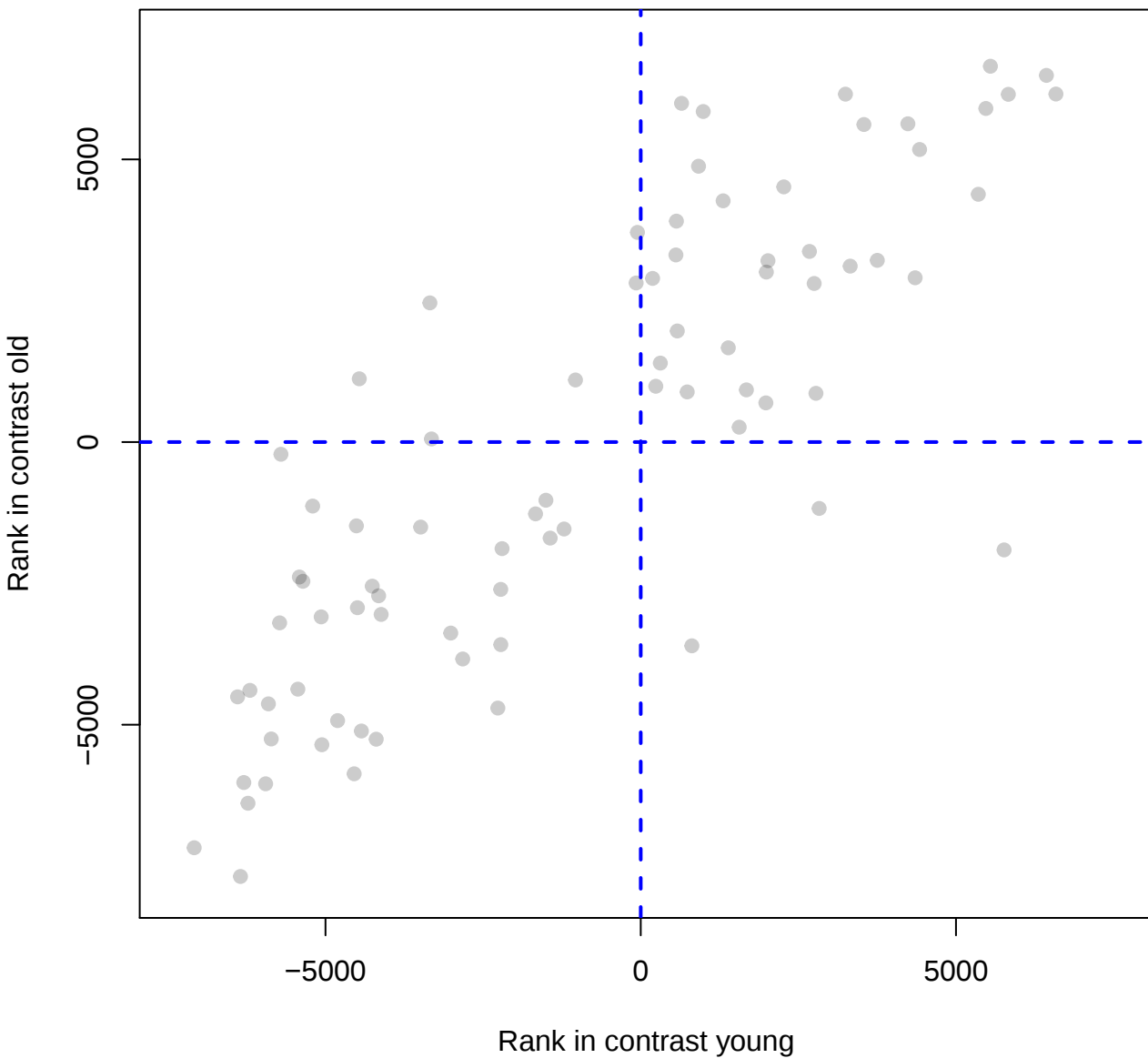
RAB-geranylgeranylation



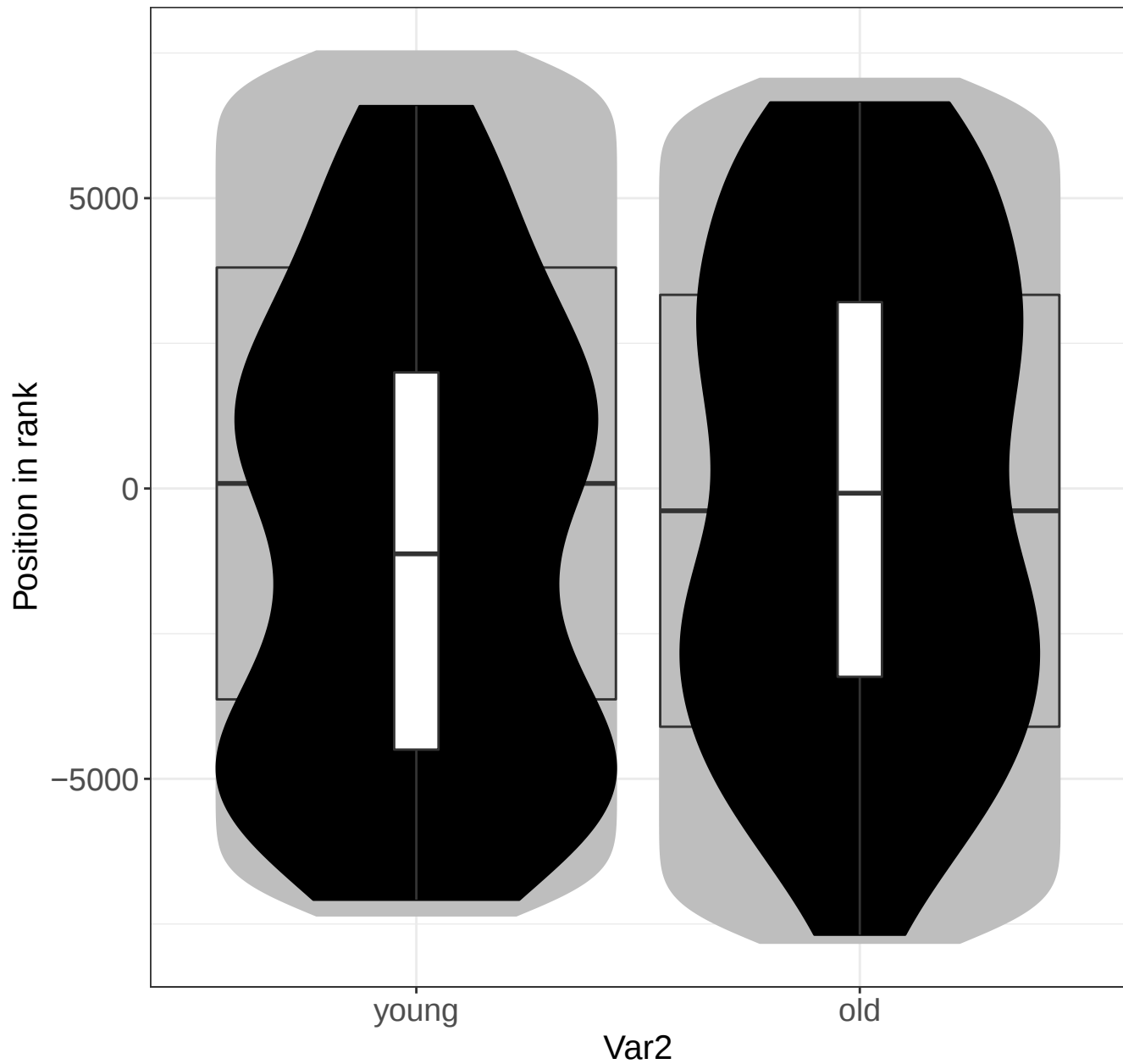
DNA-Replication-Pre-Initiation



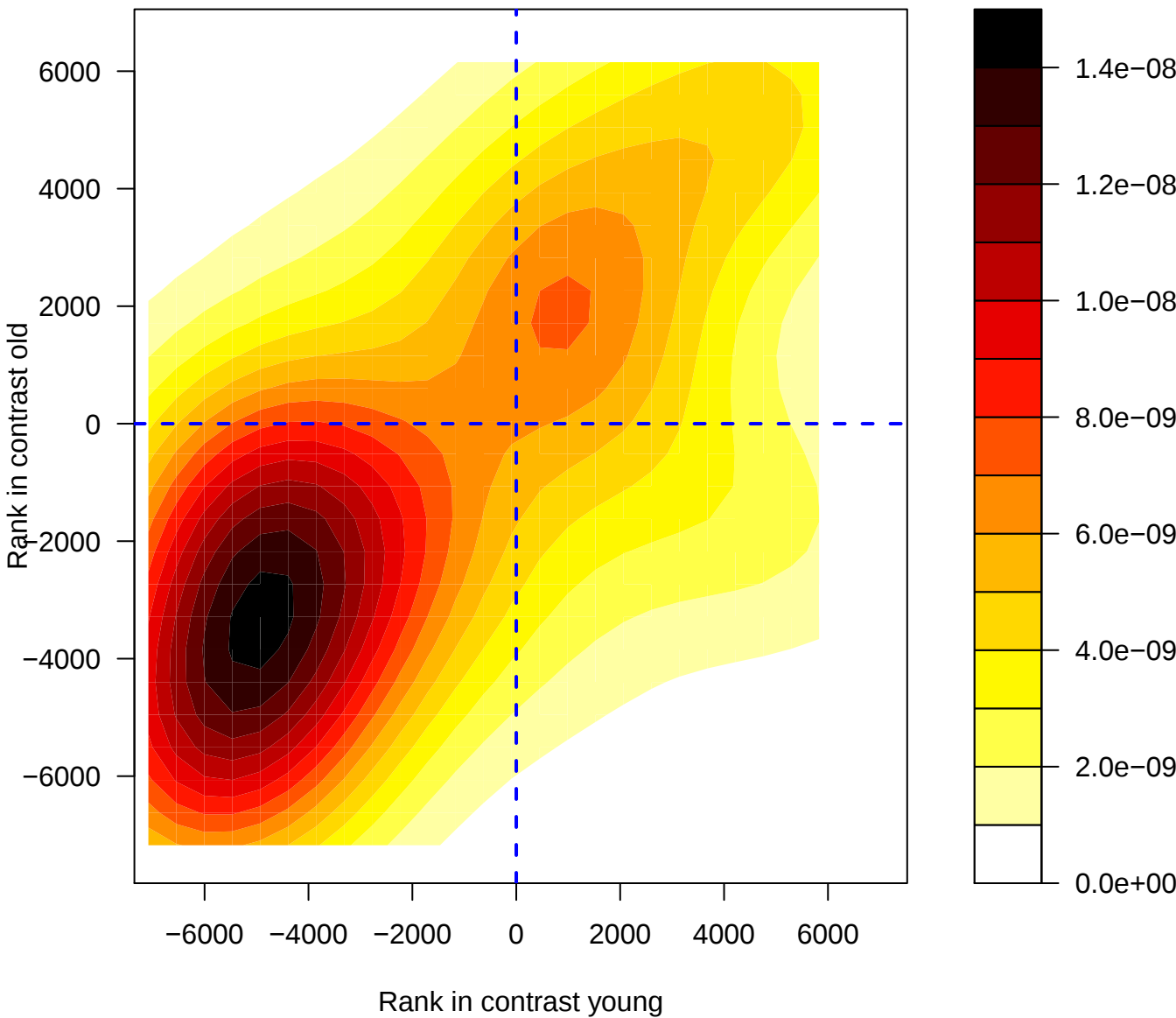
DNA-Replication-Pre-Initiation



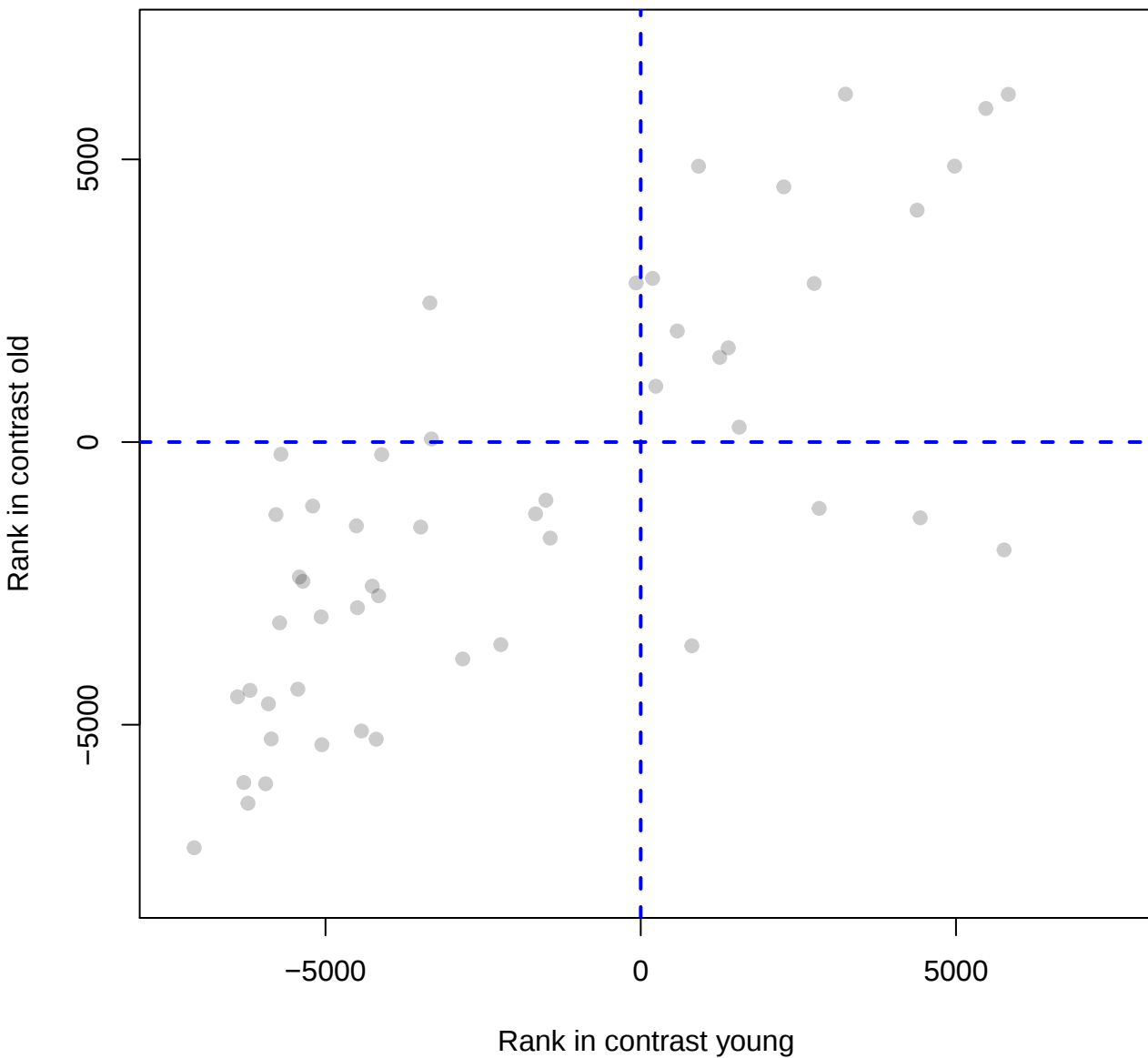
DNA-Replication-Pre-Initiation



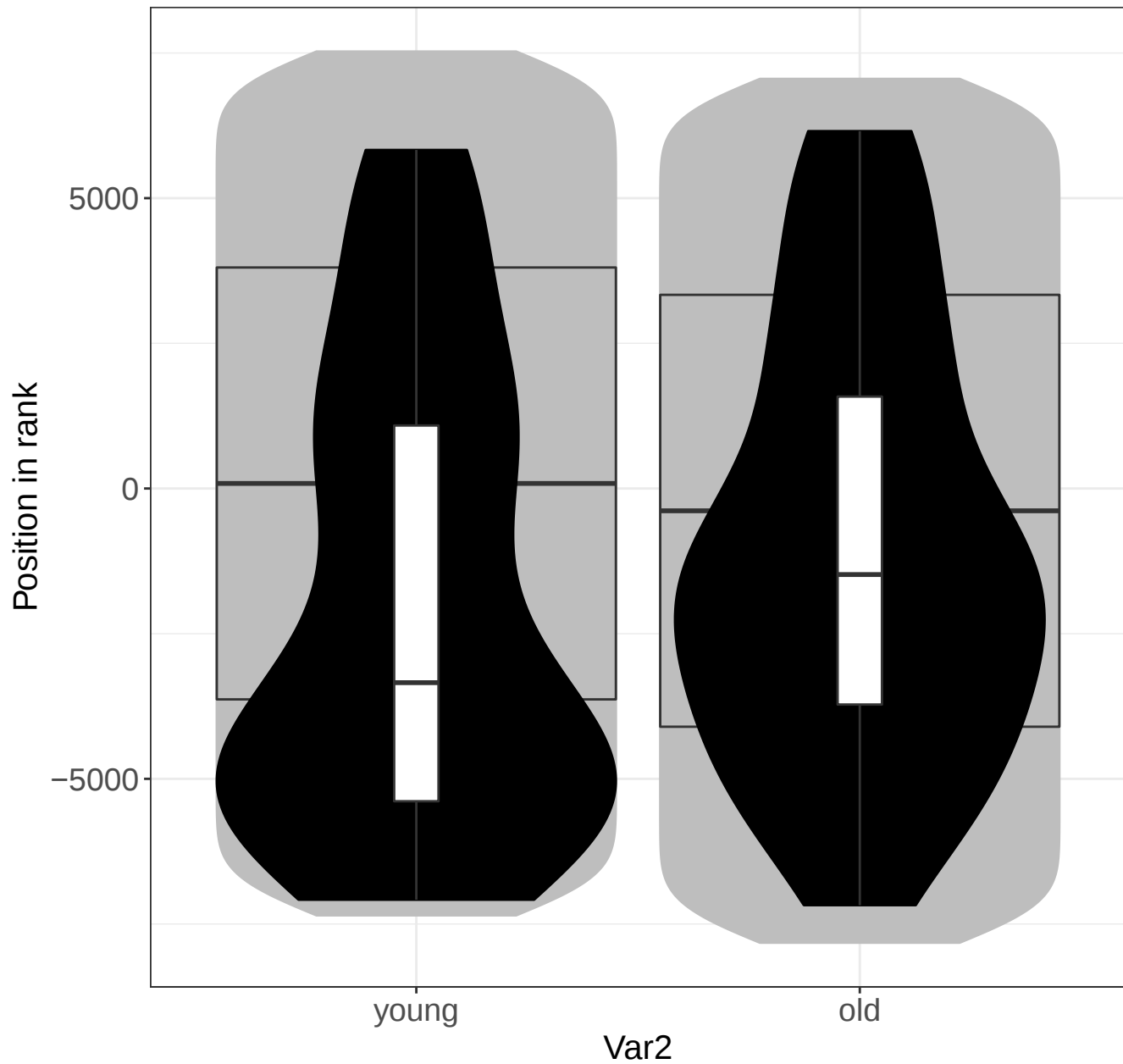
Stabilization-of-p53



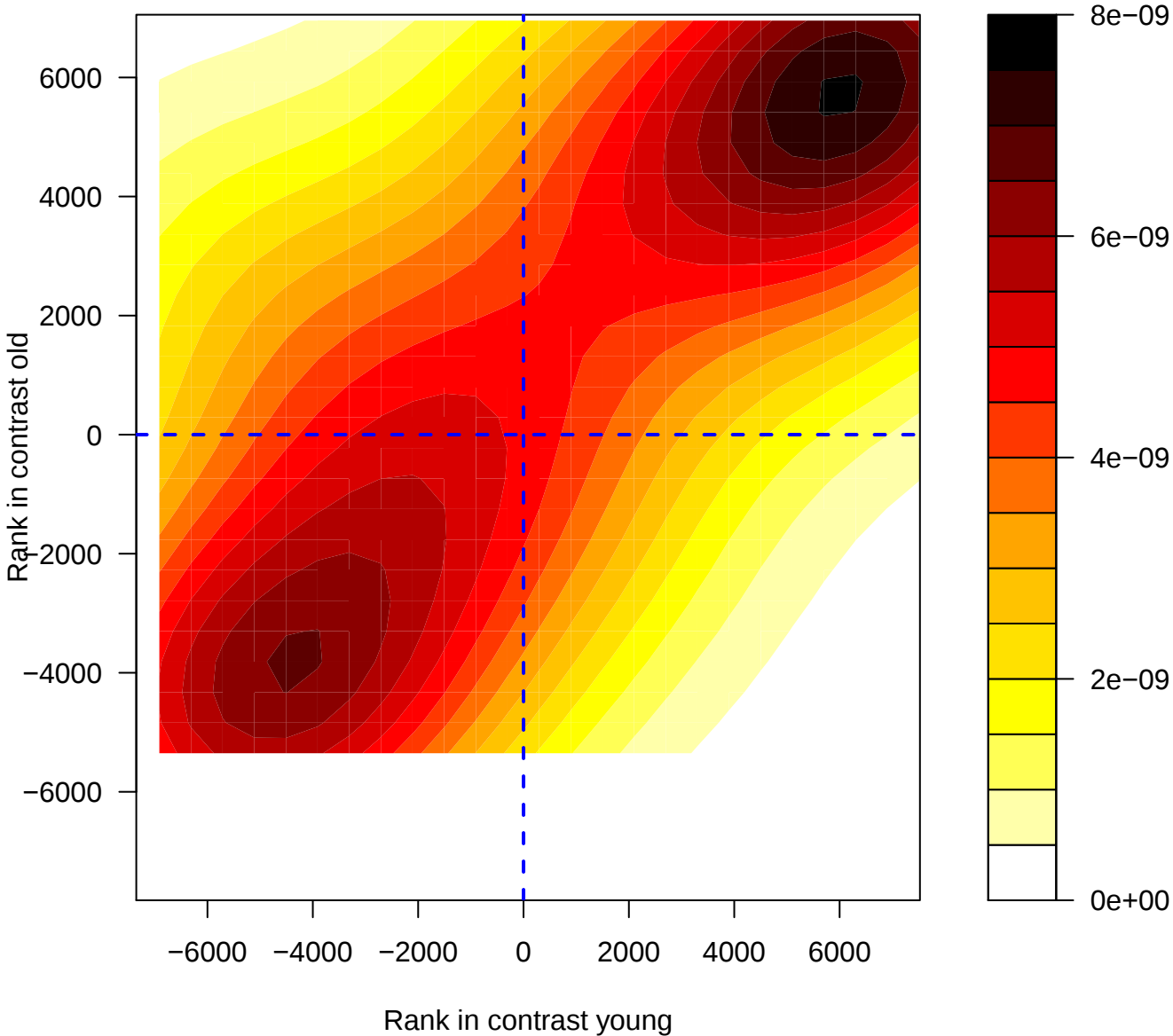
Stabilization-of-p53



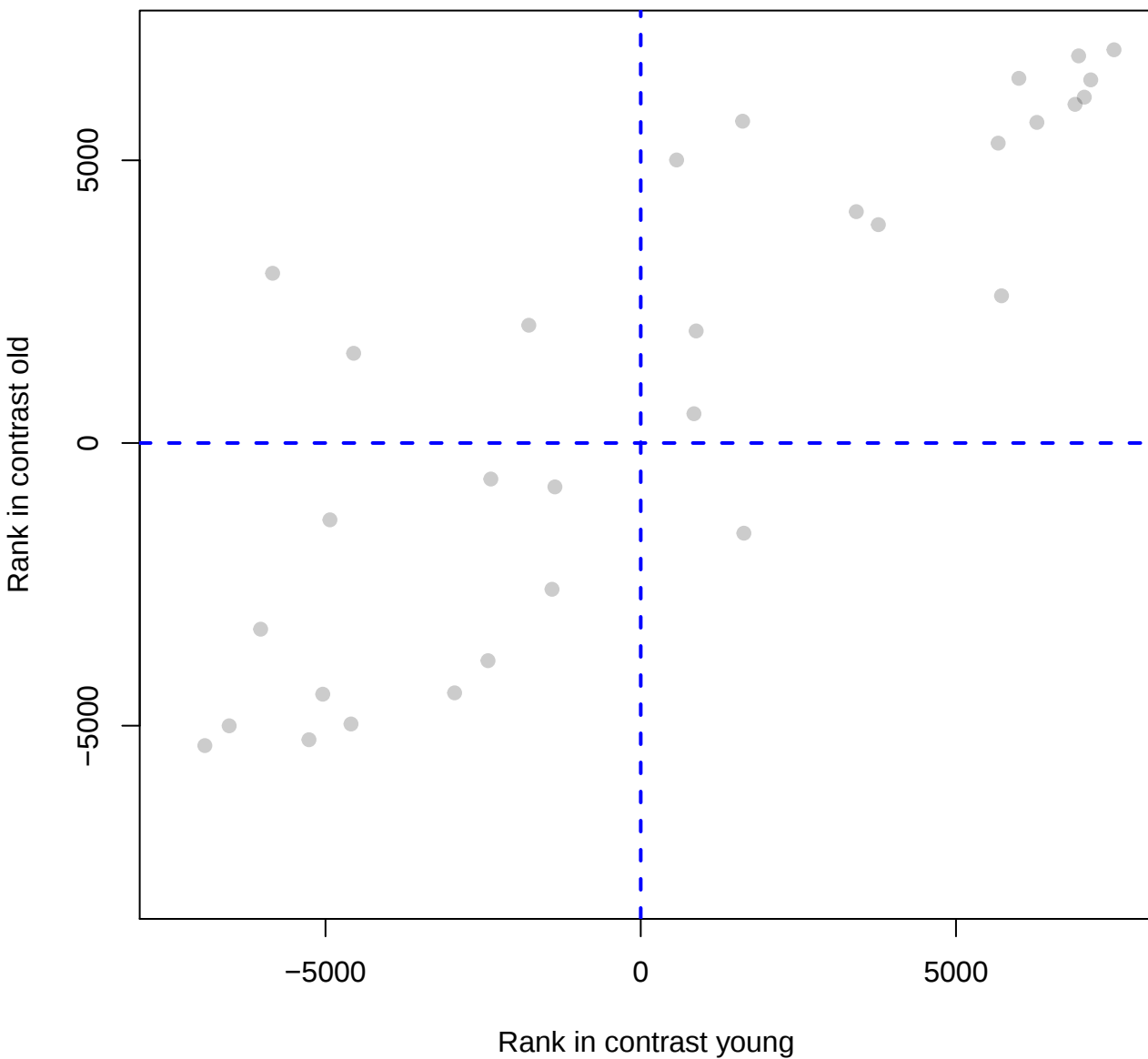
Stabilization-of-p53



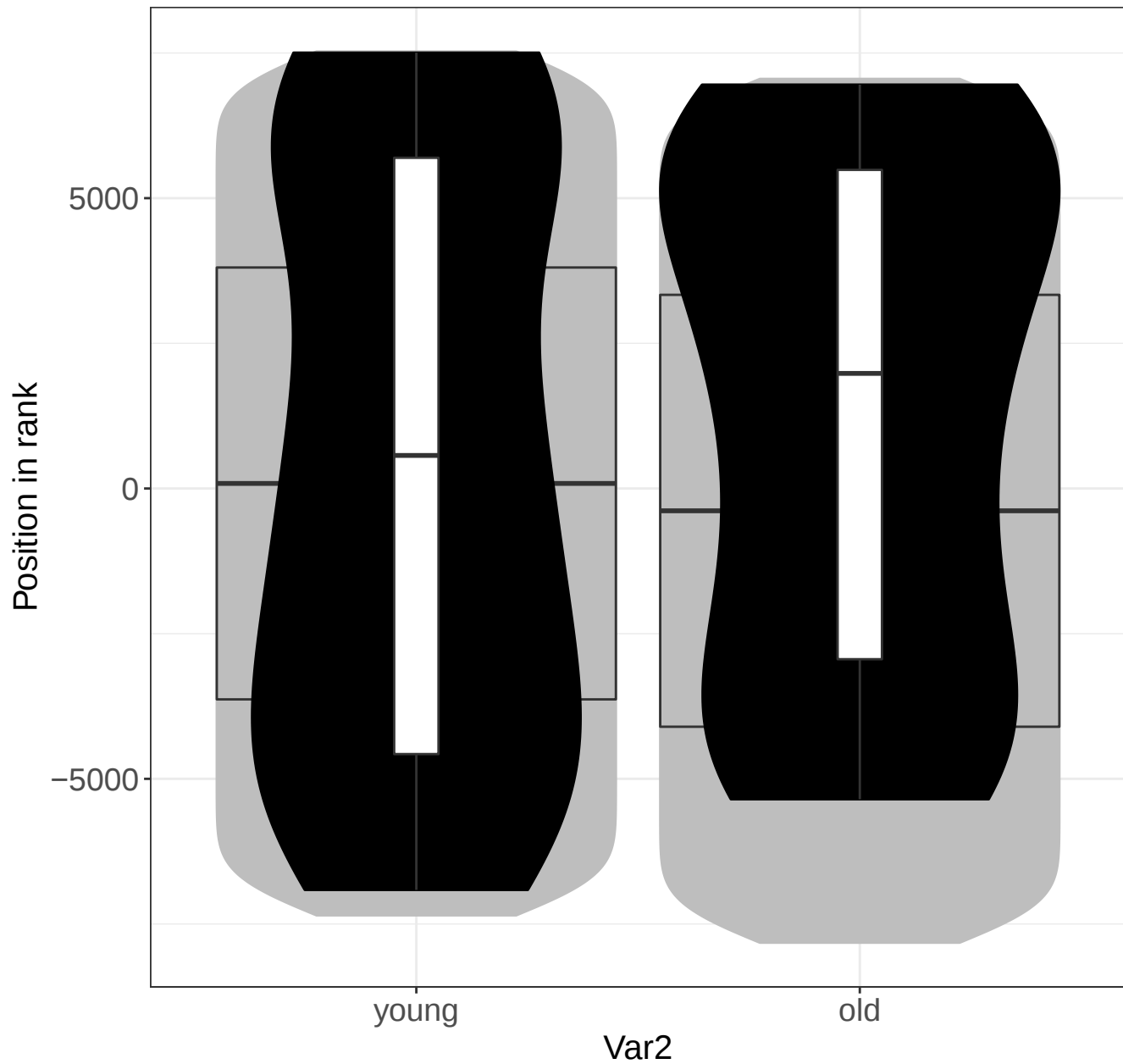
Smooth-Muscle-Contraction



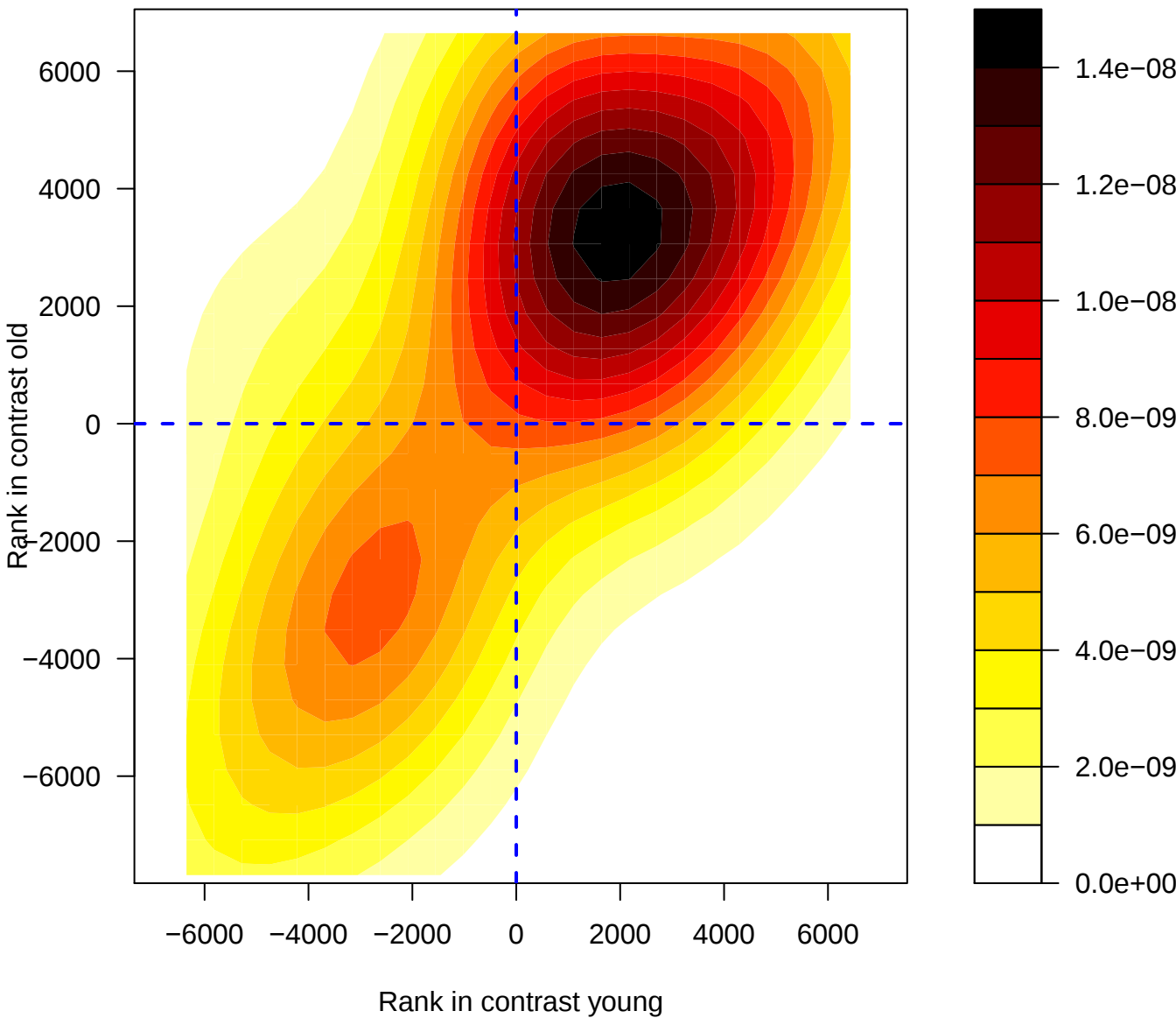
Smooth-Muscle-Contraction



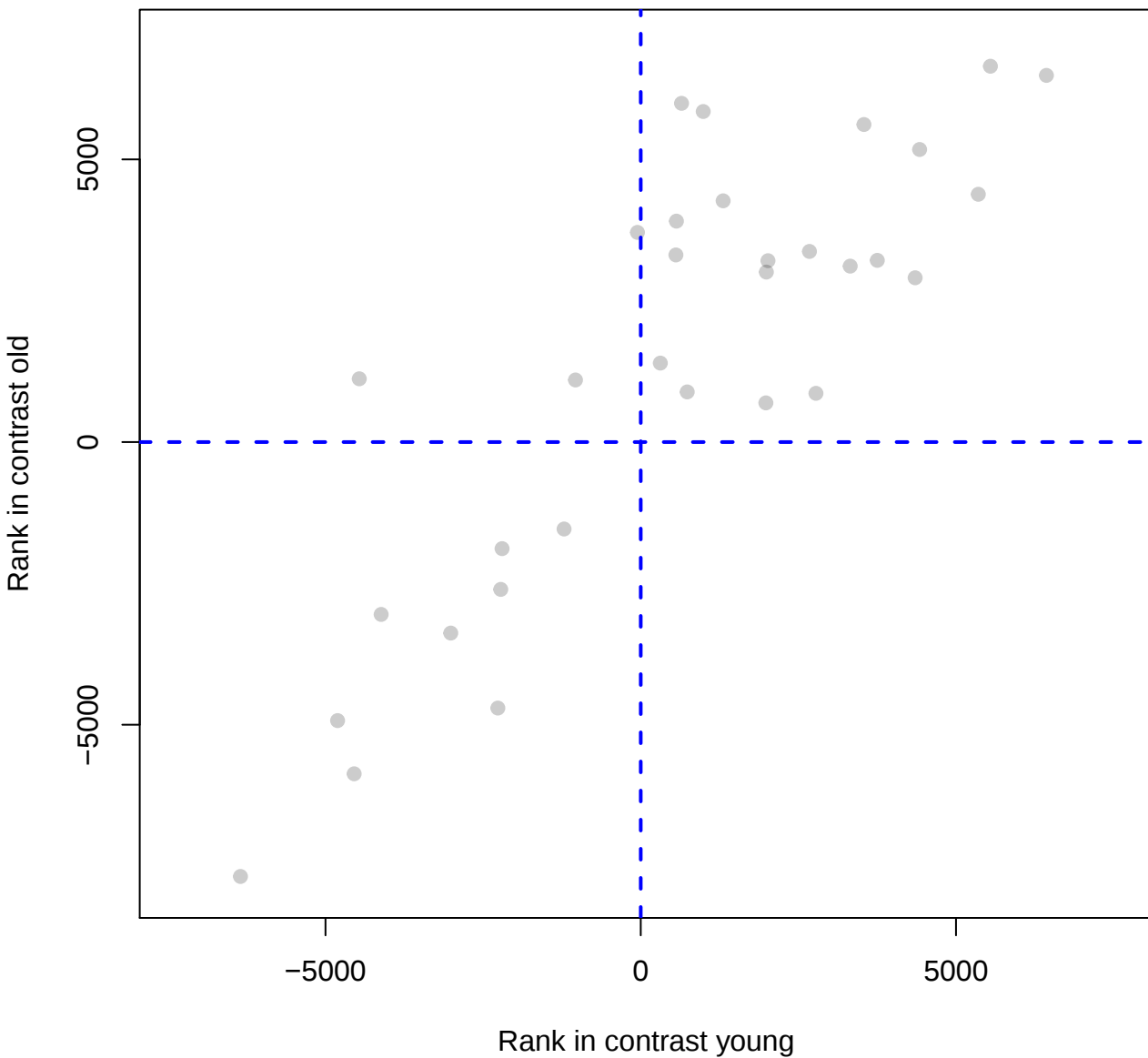
Smooth-Muscle-Contraction



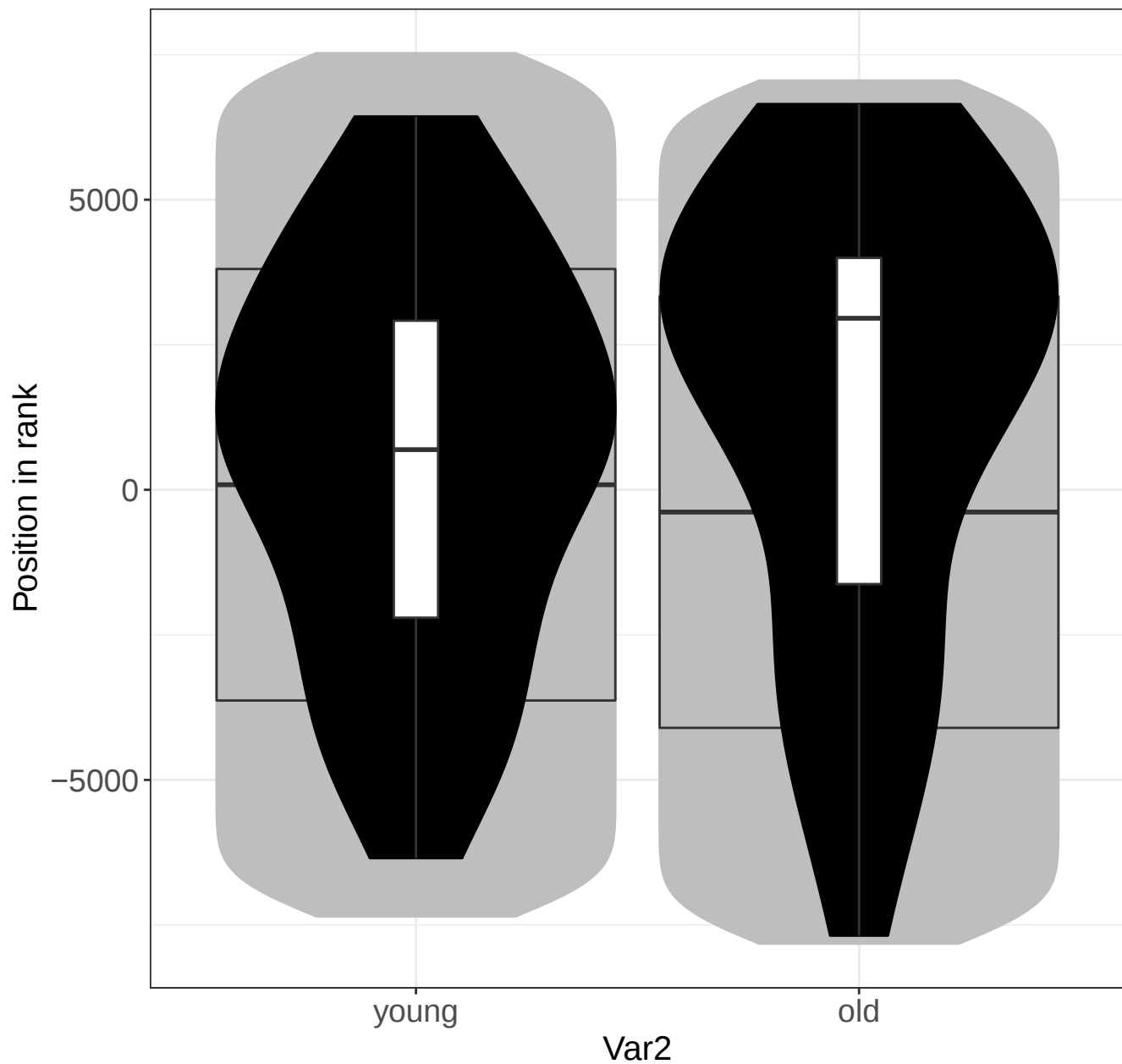
Activation-of-the-pre-replicative-complex



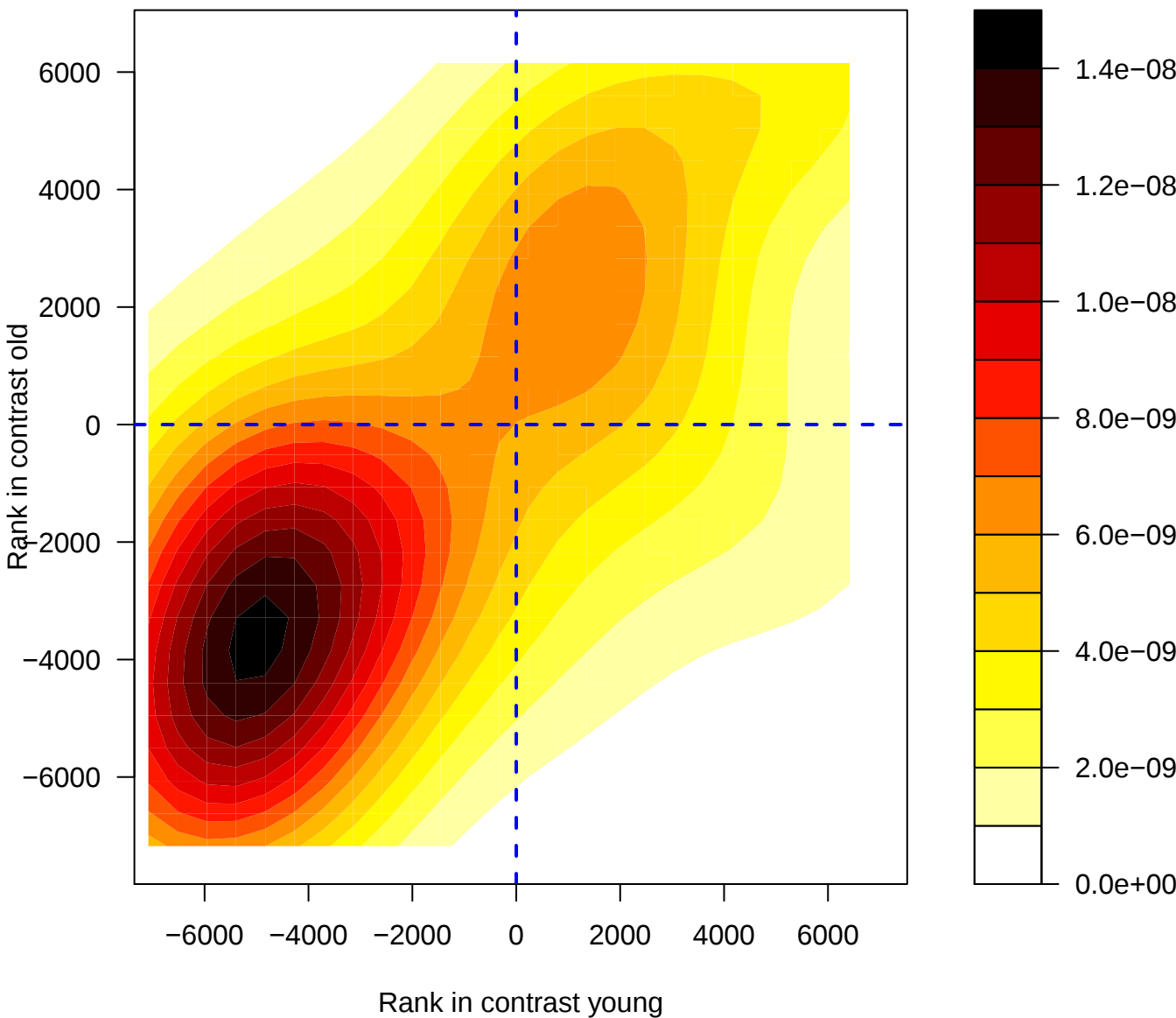
Activation-of-the-pre-replicative-complex



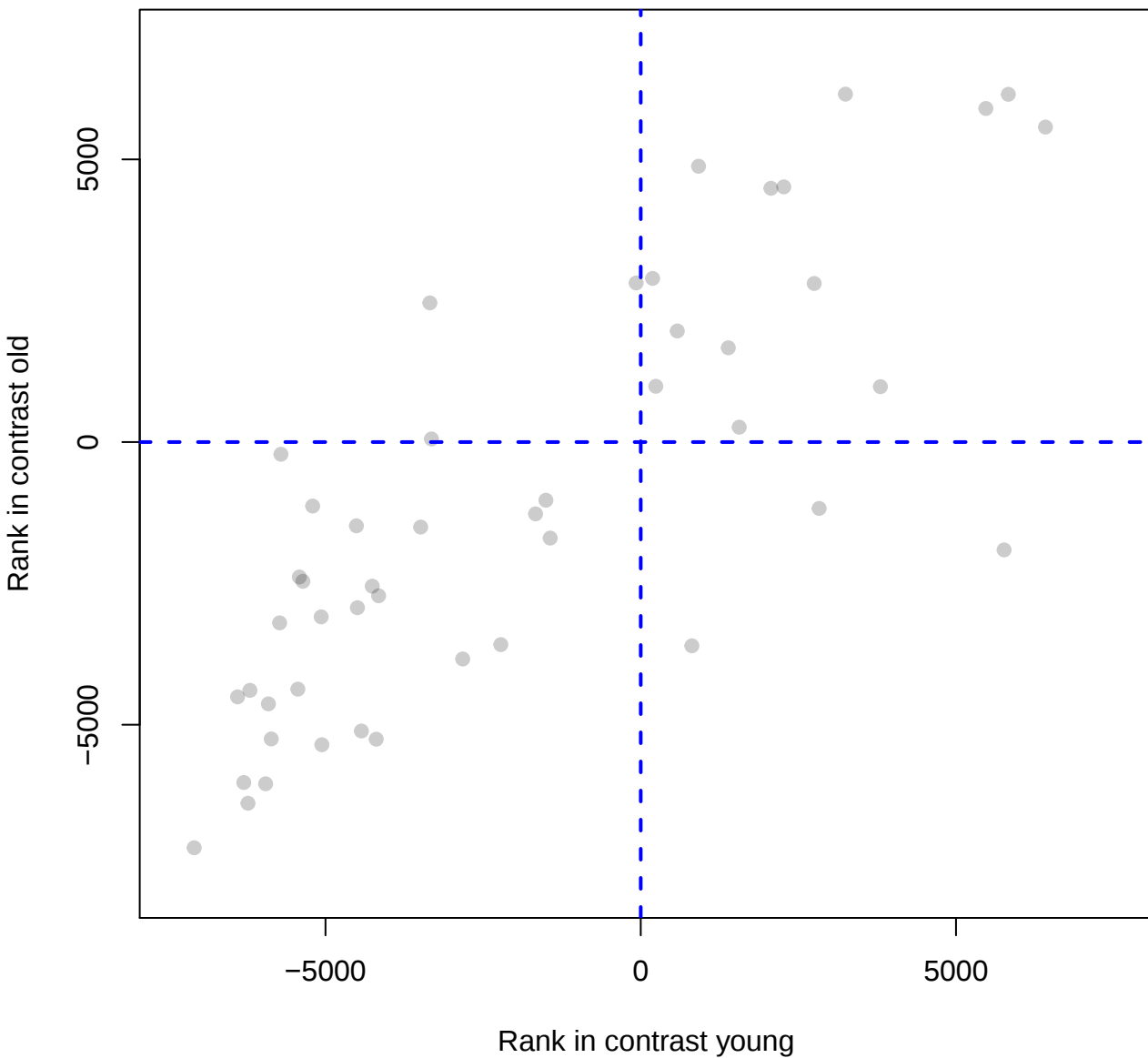
Activation-of-the-pre-replicative-complex



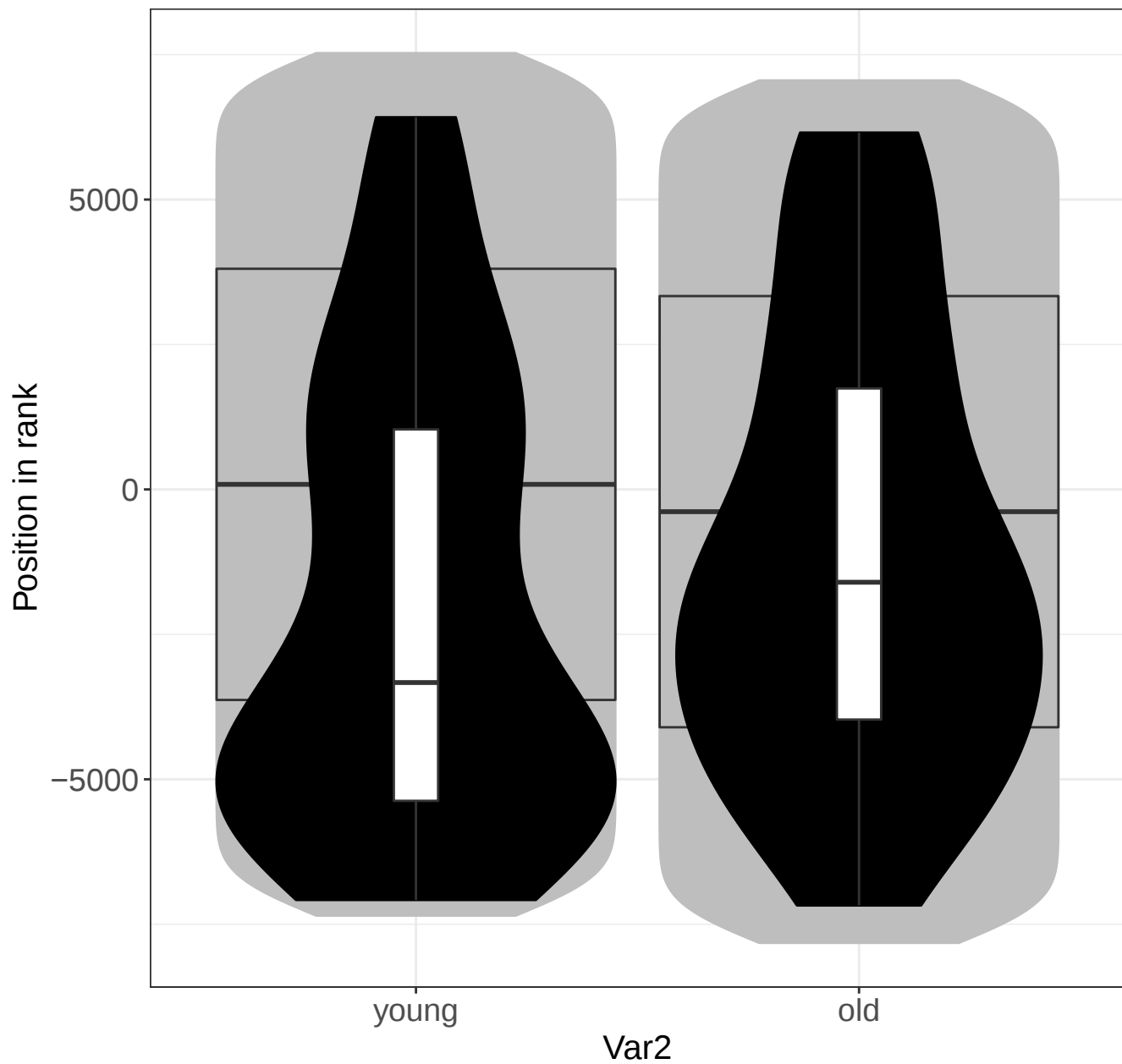
Ubiquitin-dependent-degradation-of-Cyclin-D



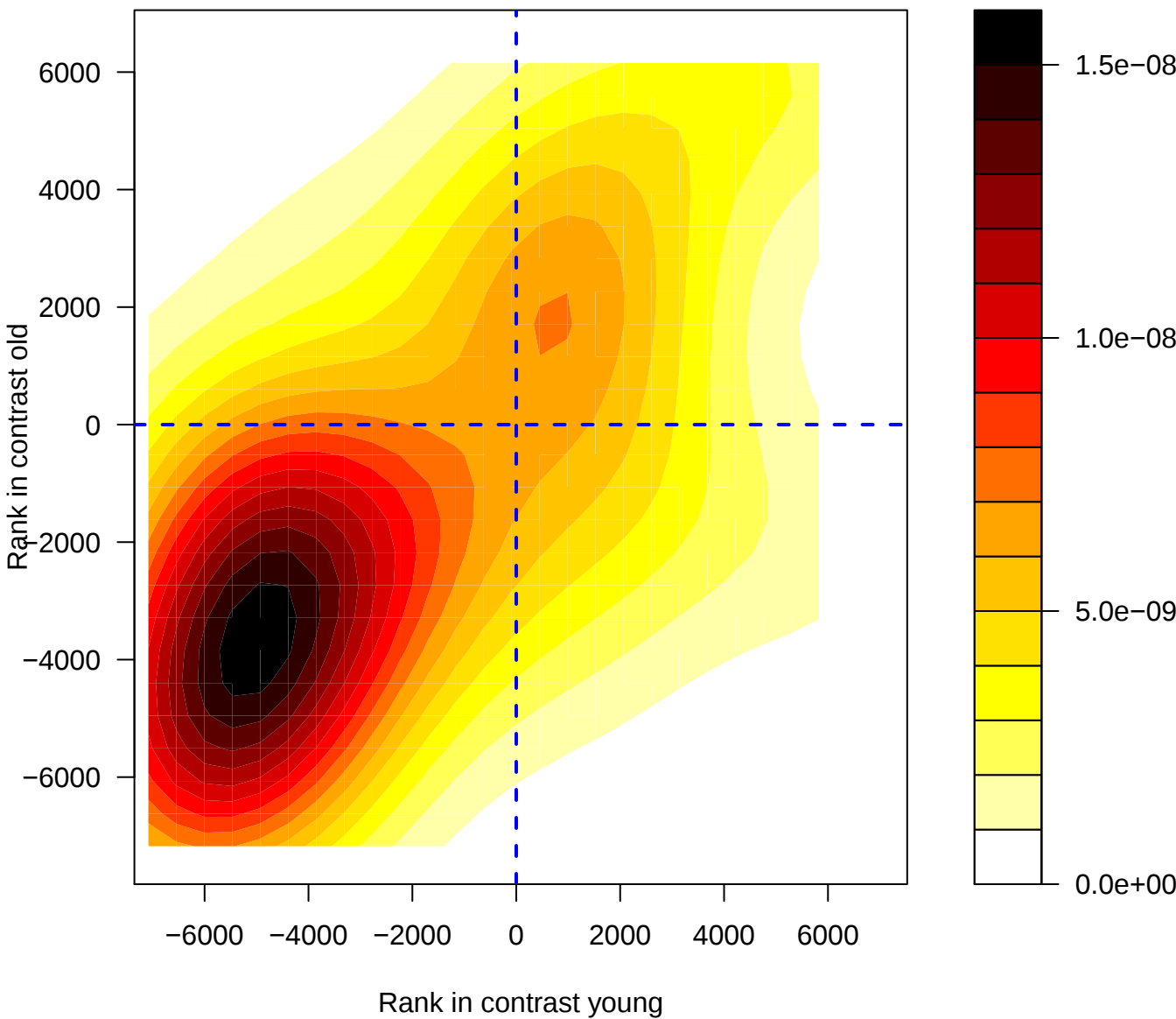
Ubiquitin-dependent-degradation-of-Cyclin-D



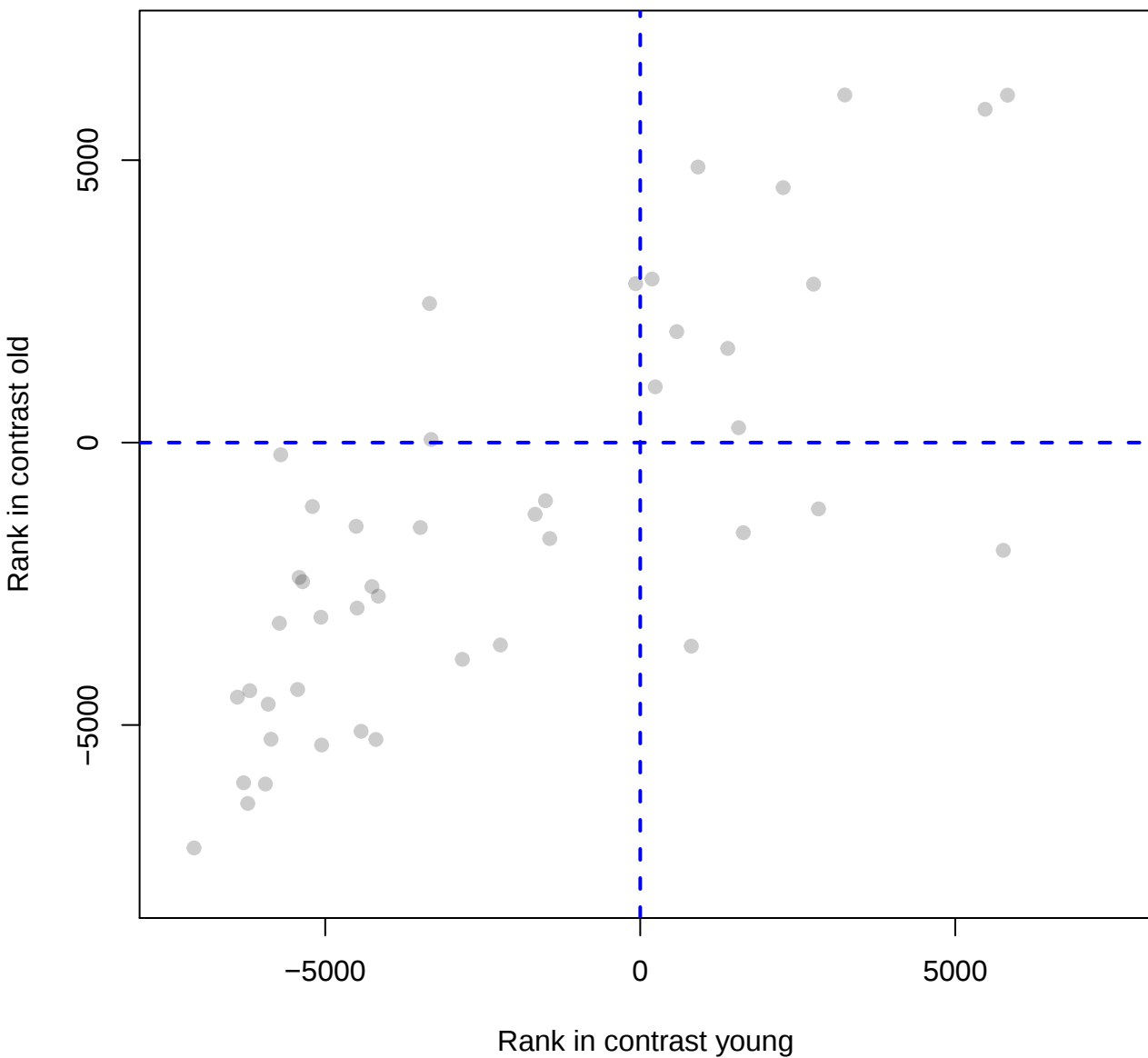
Ubiquitin-dependent-degradation-of-Cyclin-D



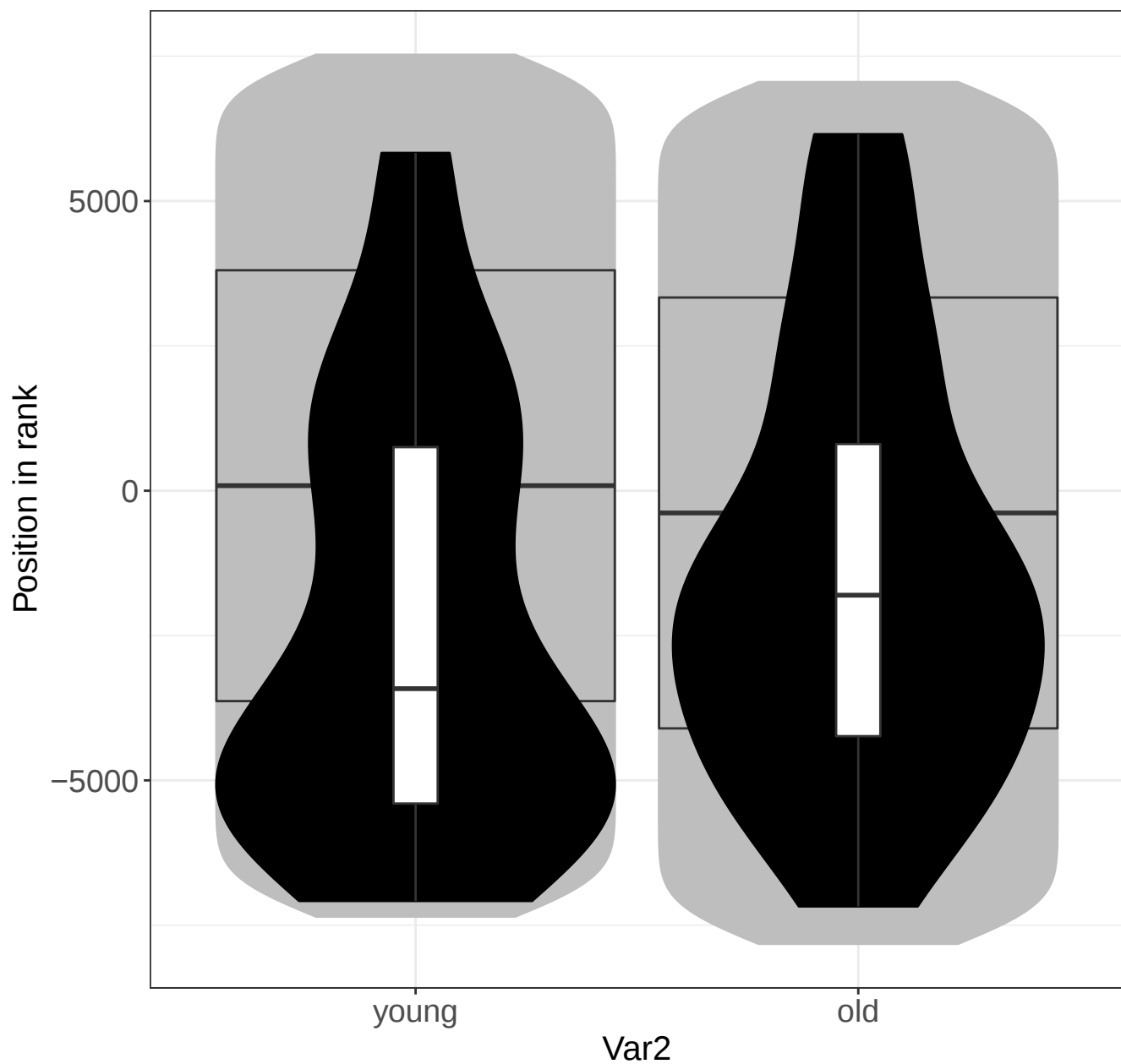
ulation-of-activated-PAK-2p34-by-proteasome-mediated-d



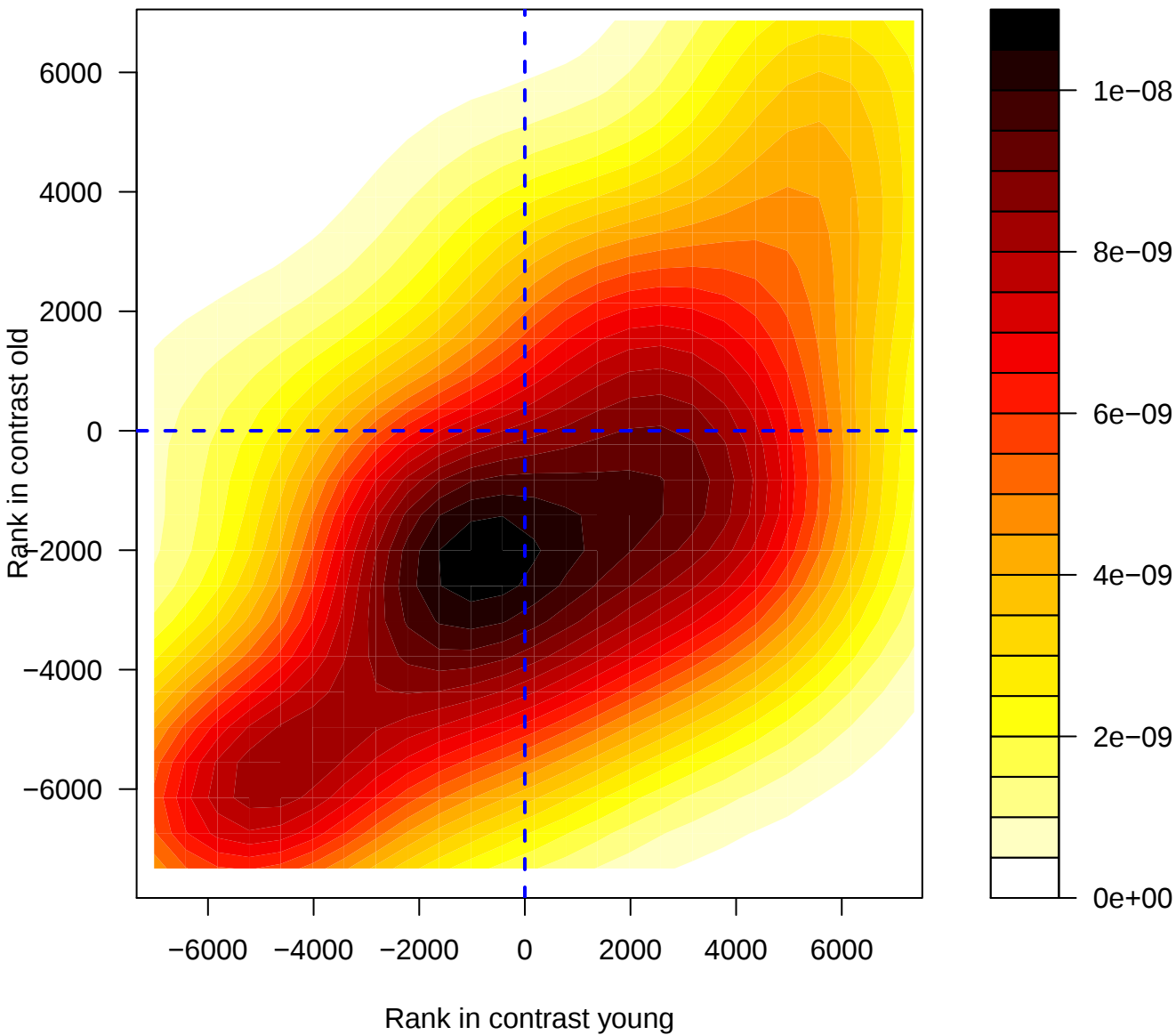
Regulation-of-activated-PAK-2p34-by-proteasome-mediated-degradati



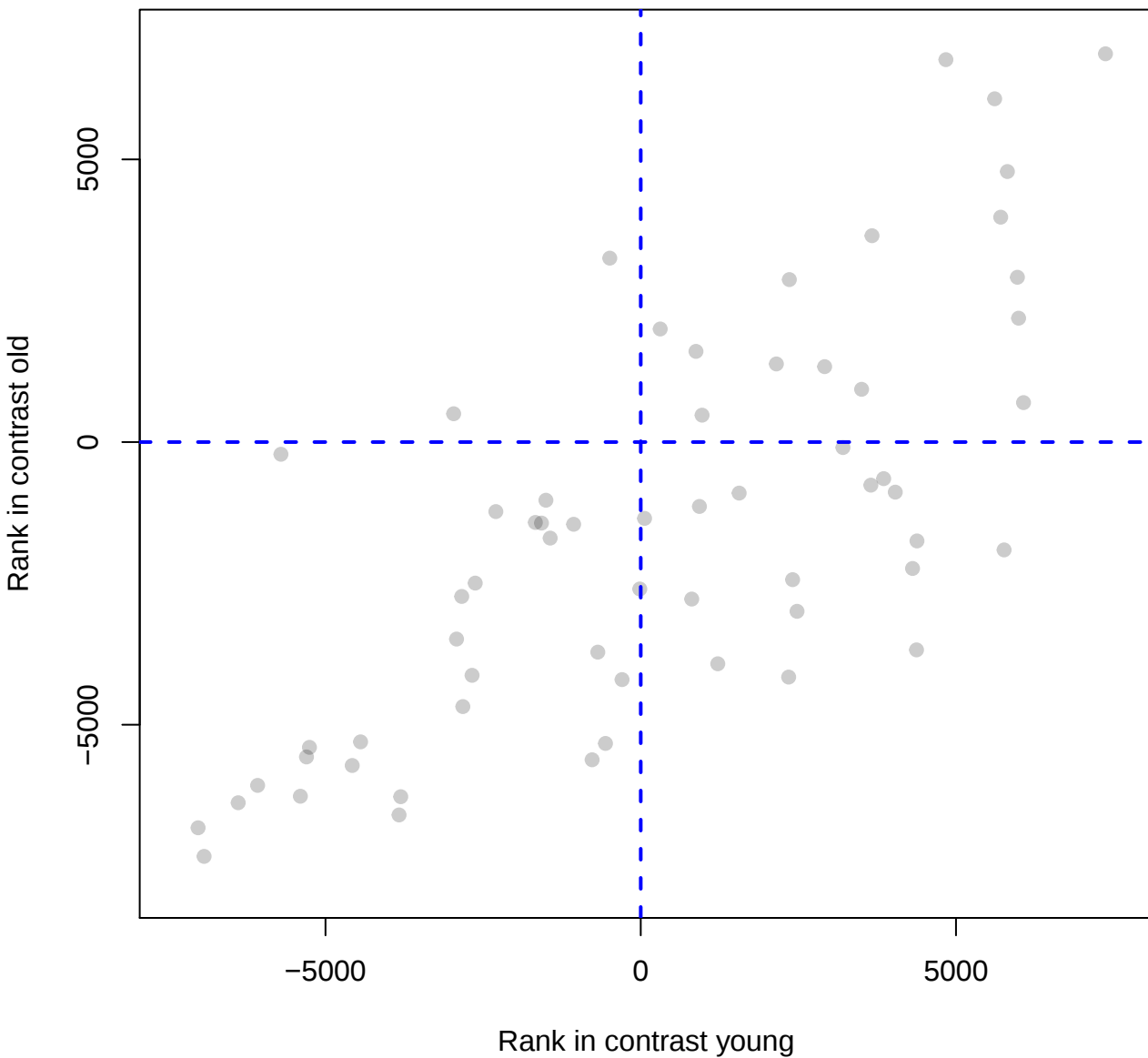
Regulation-of-activated-PAK-2p34-by-proteas



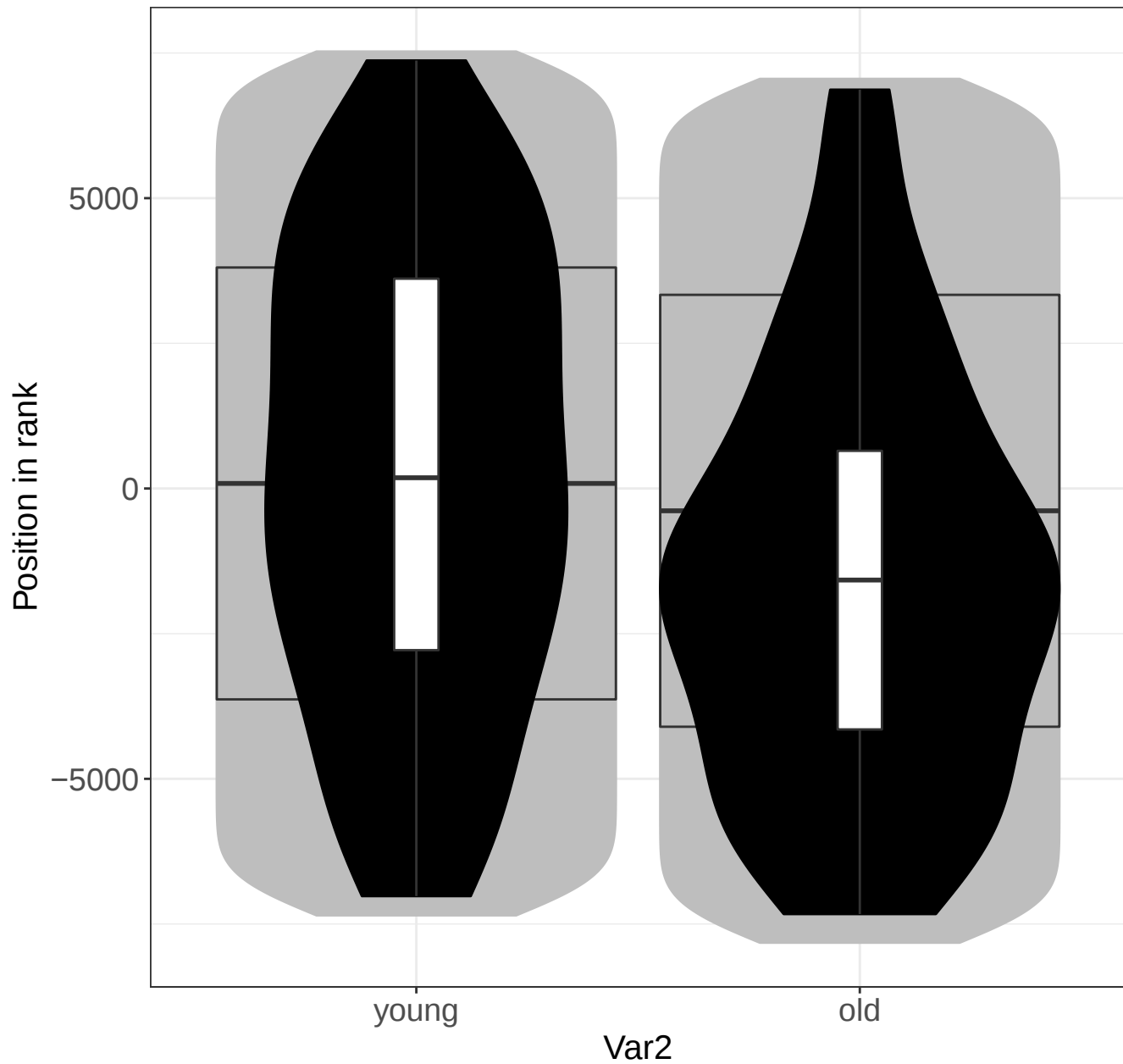
Protein-ubiquitination



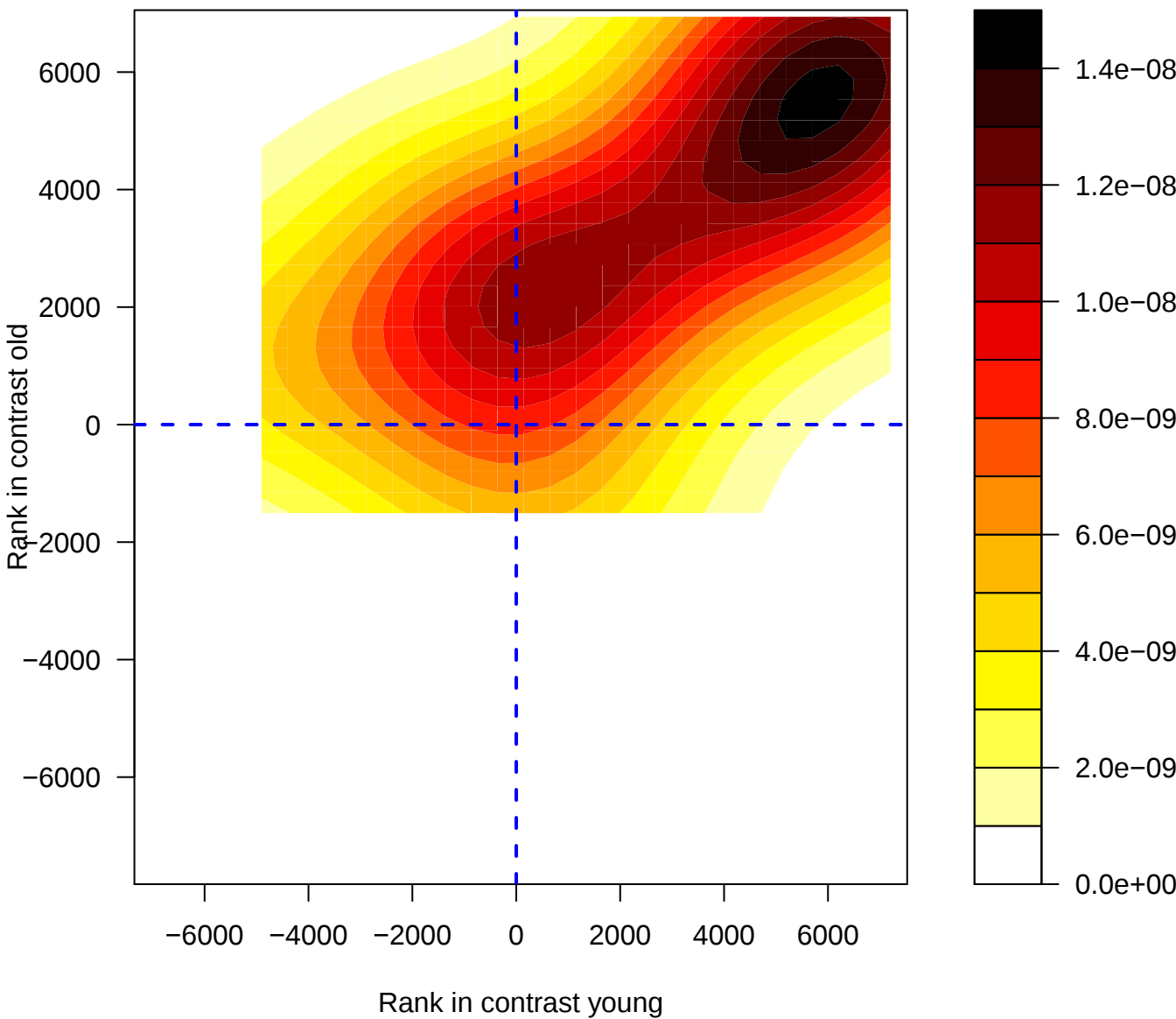
Protein-ubiquitination



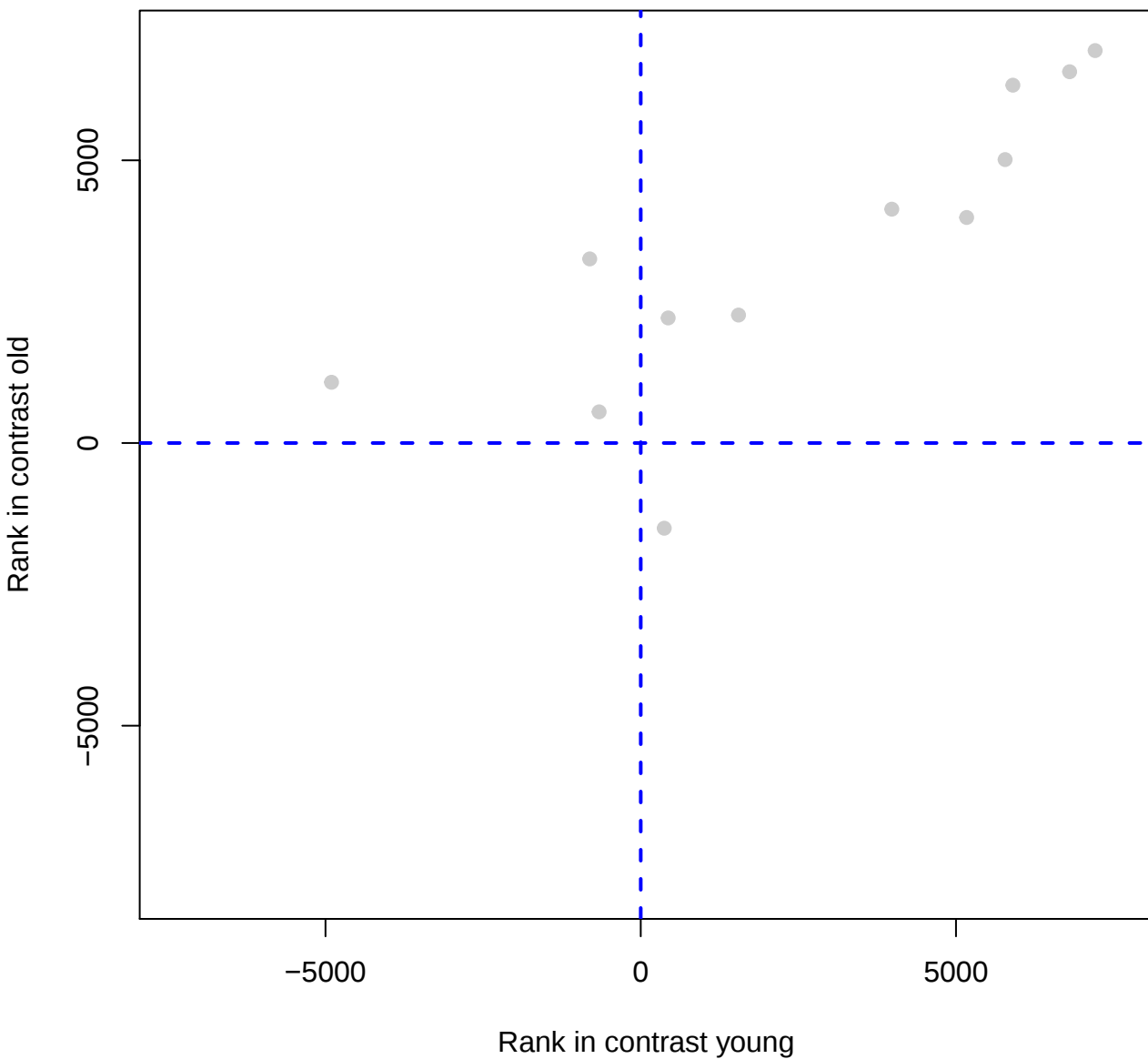
Protein-ubiquitination



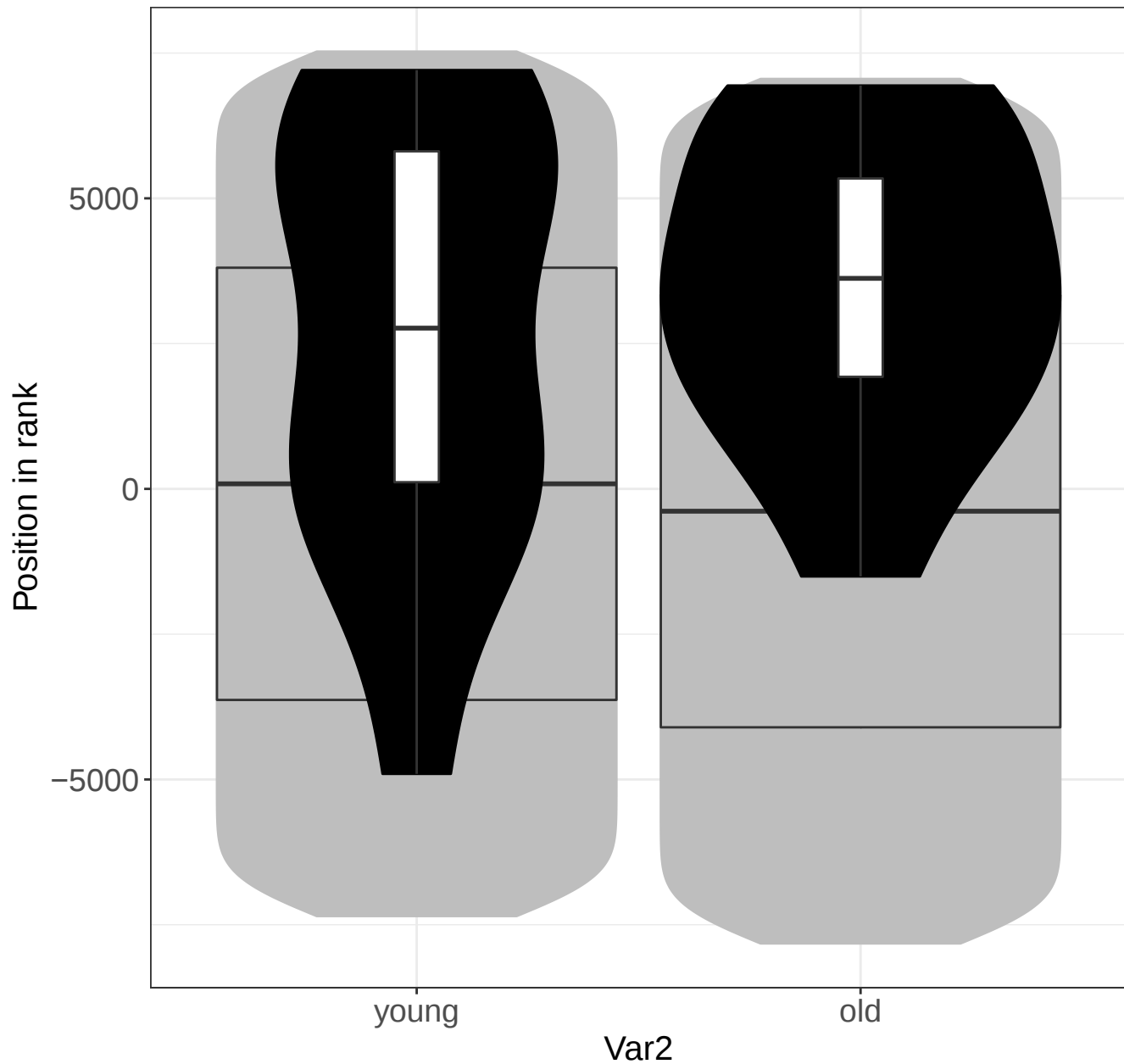
TNFs-bind-their-physiological-receptors



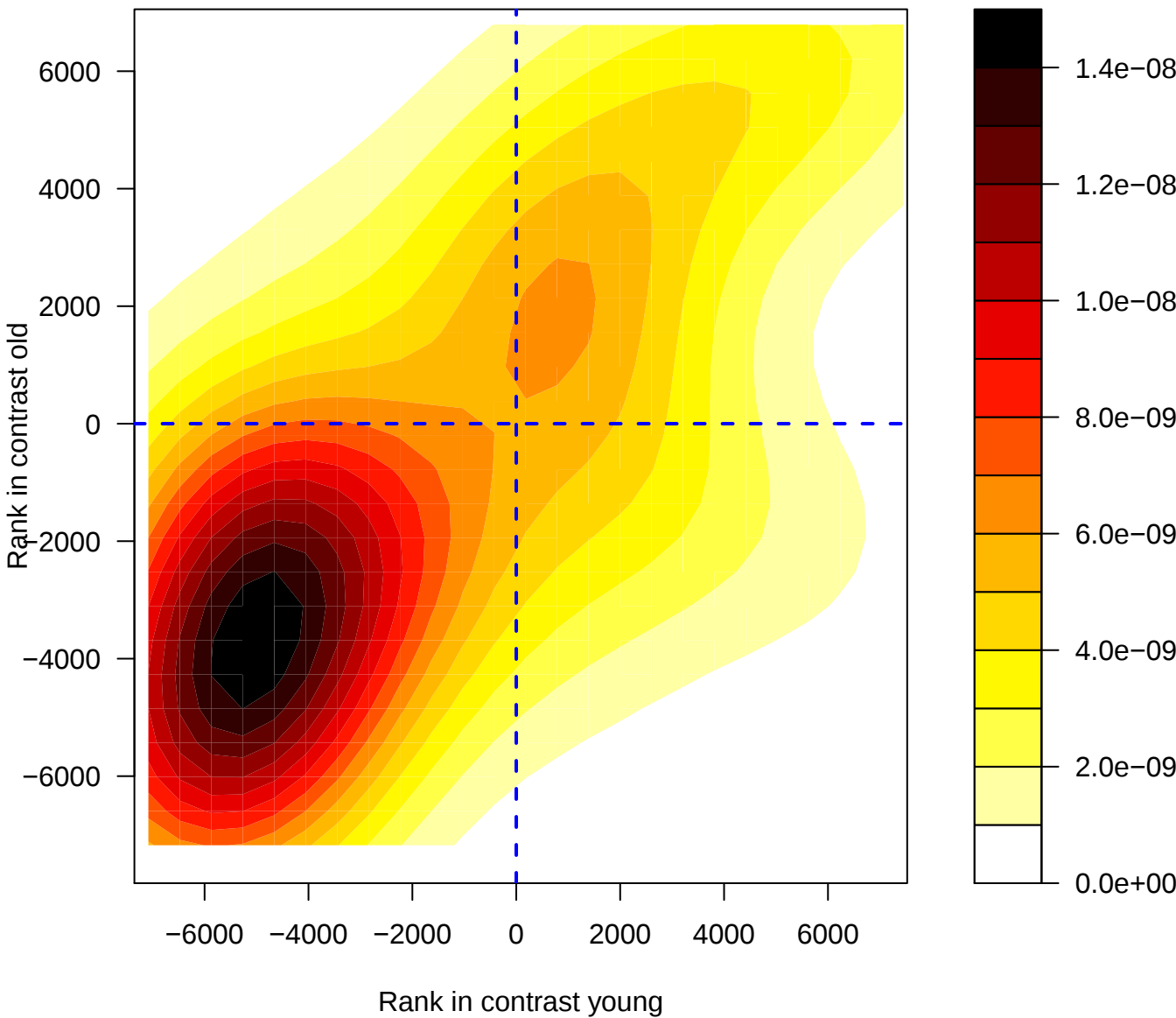
TNFs-bind-their-physiological-receptors



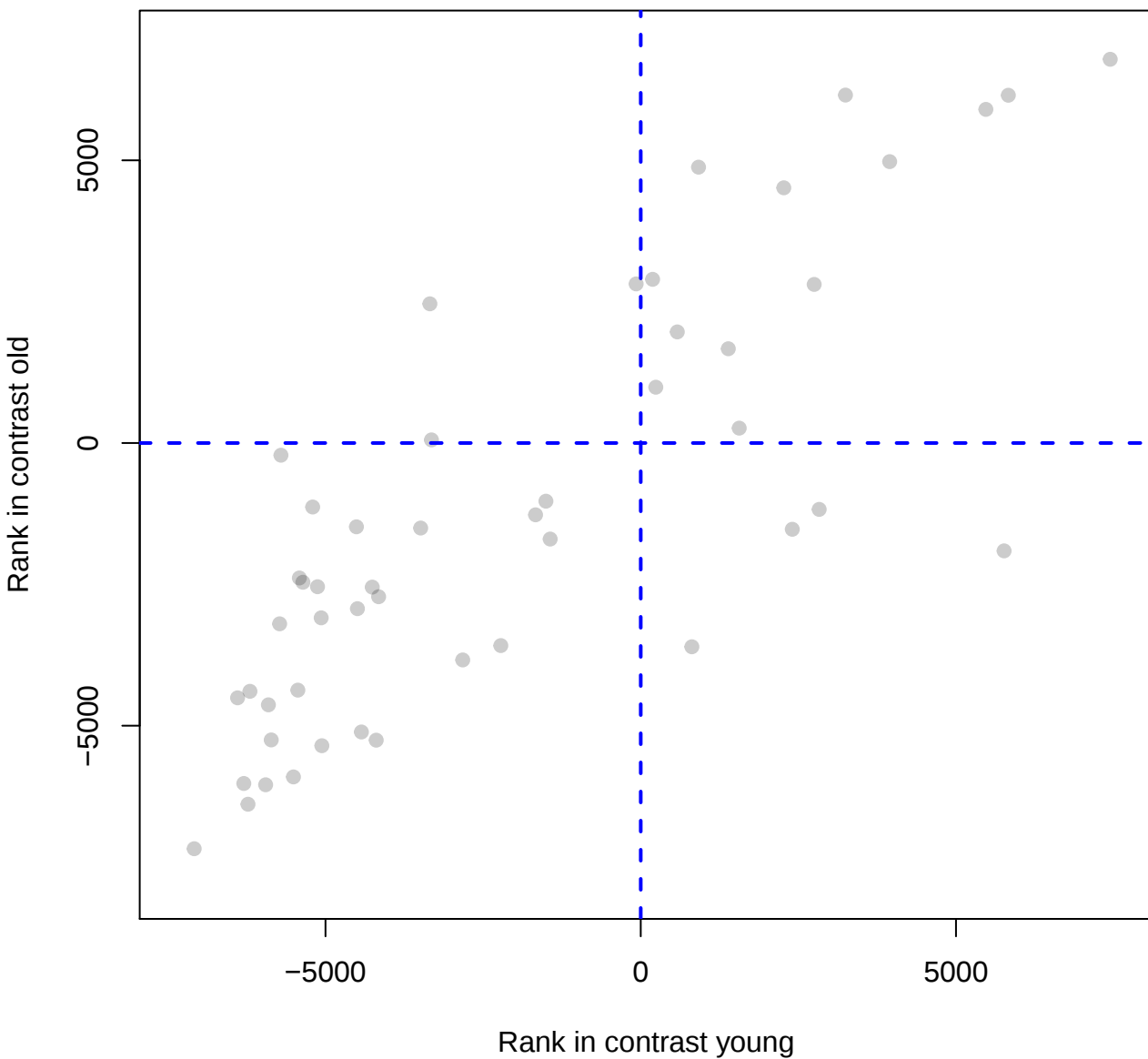
TNFs—bind—their—physiological—receptors



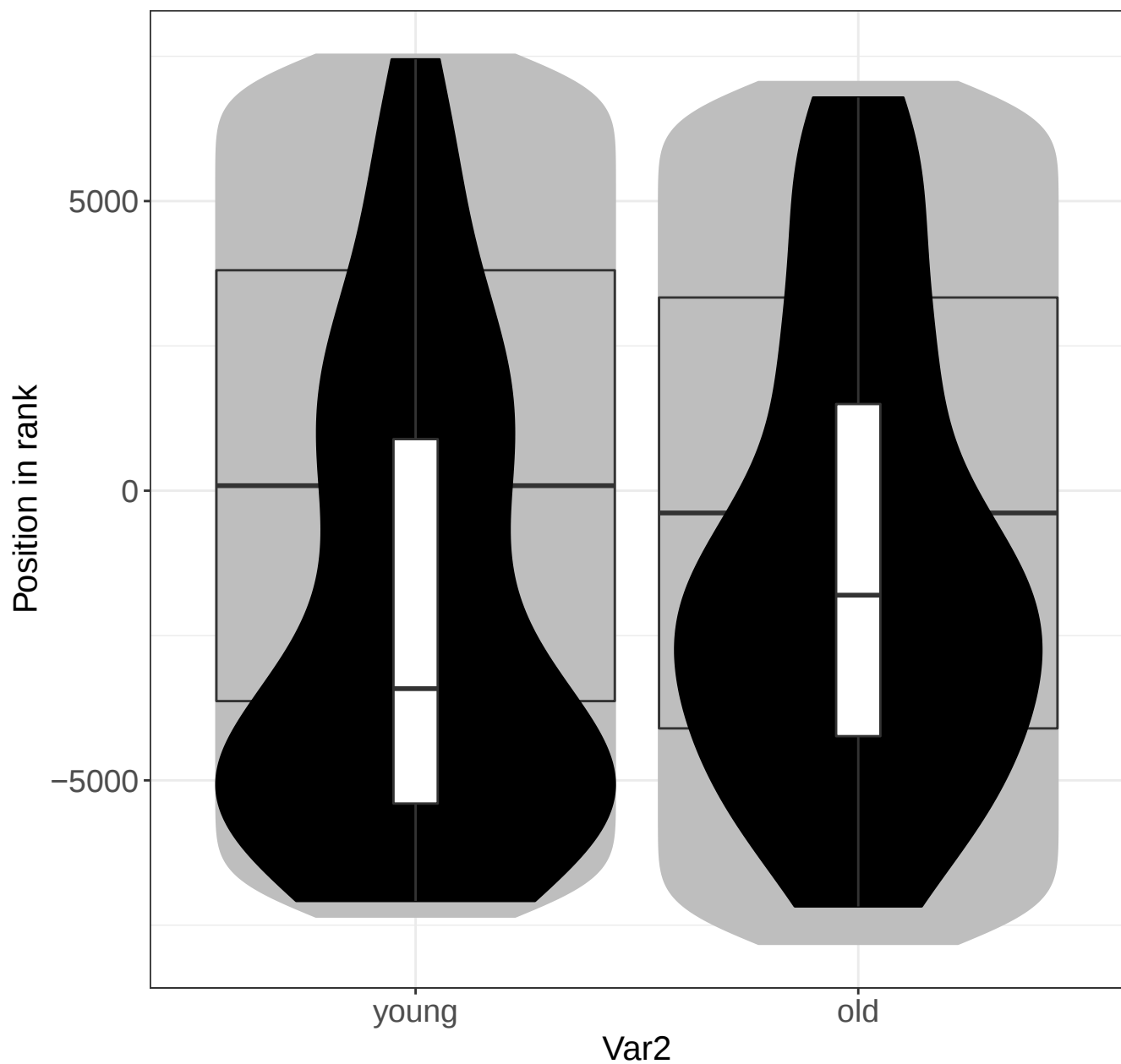
AUF1-(hnRNP-D0)-binds-and-destabilizes-mRNA



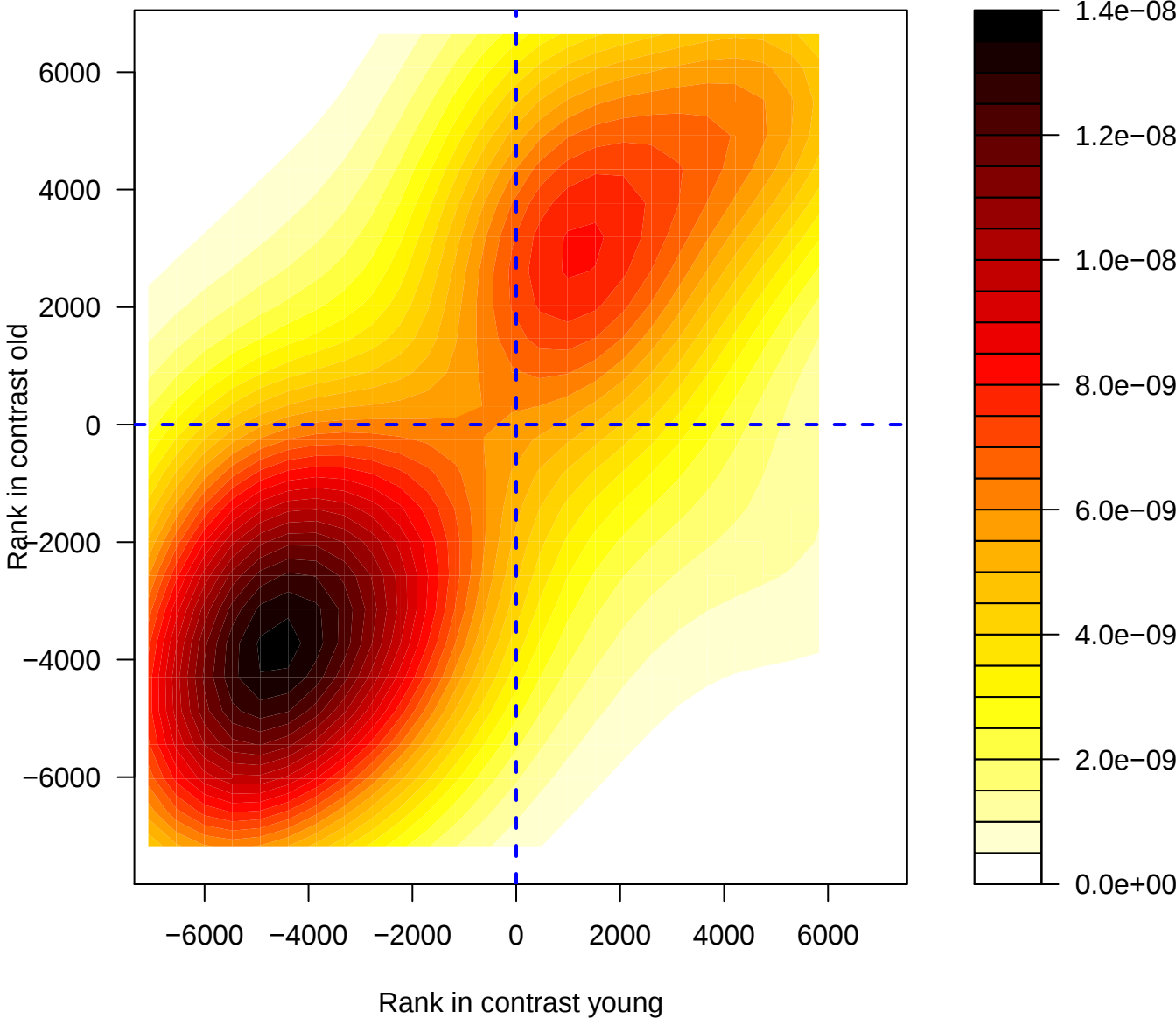
AUF1-(hnRNP-D0)-binds-and-destabilizes-mRNA



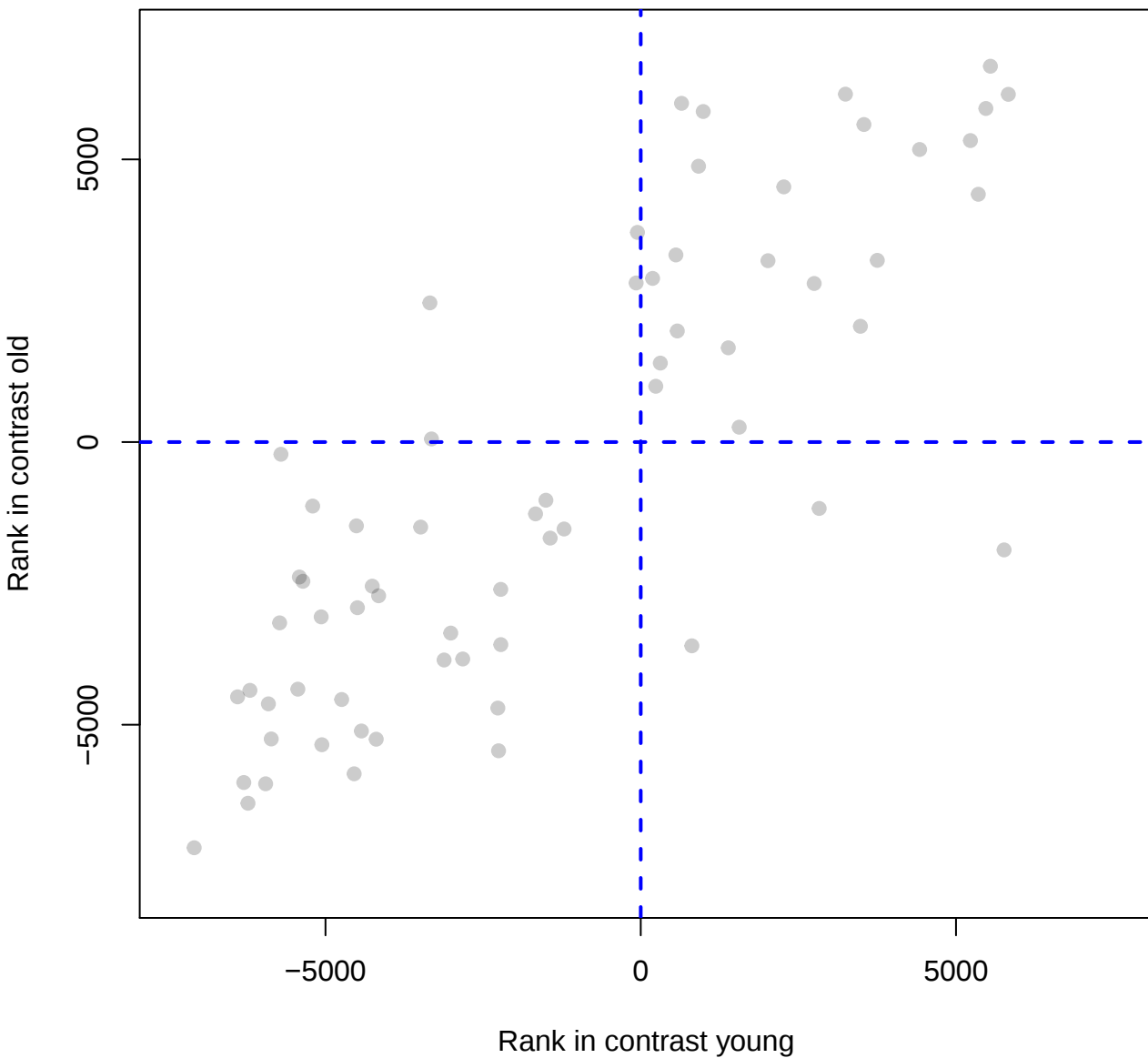
AUF1-(hnRNP-D0)-binds-and-destabilizes-mR



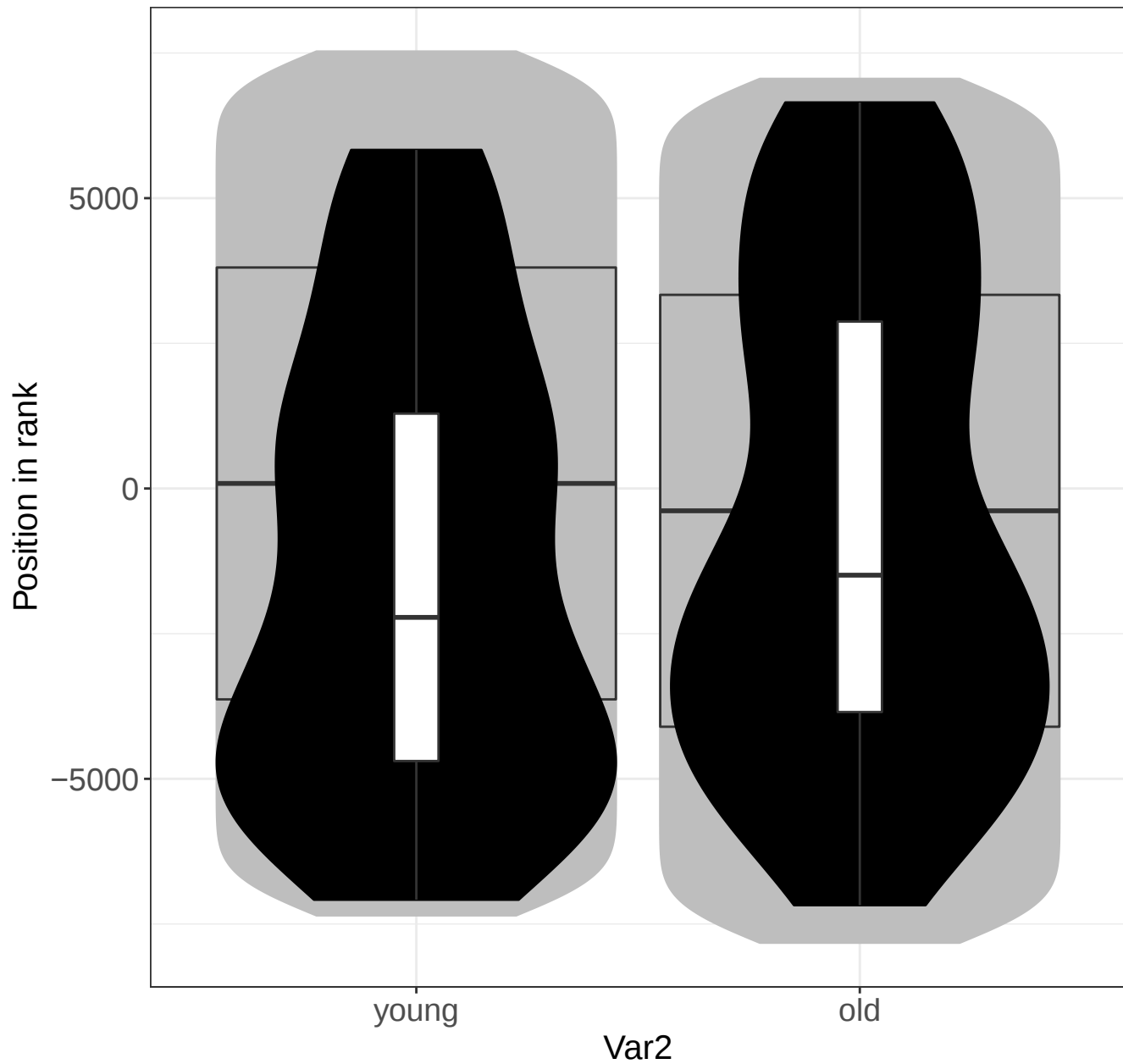
Orc1-removal-from-chromatin



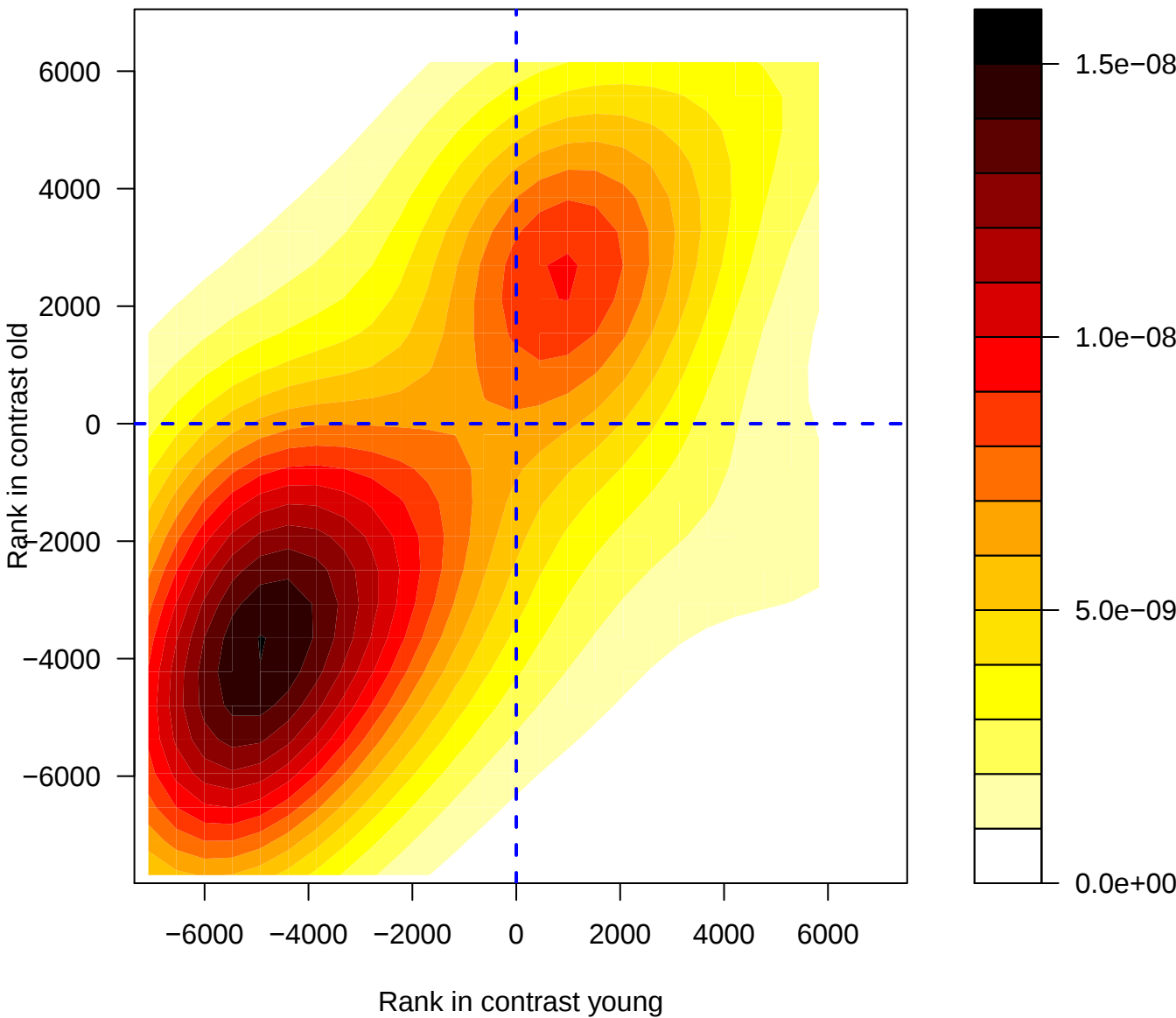
Orc1-removal-from-chromatin



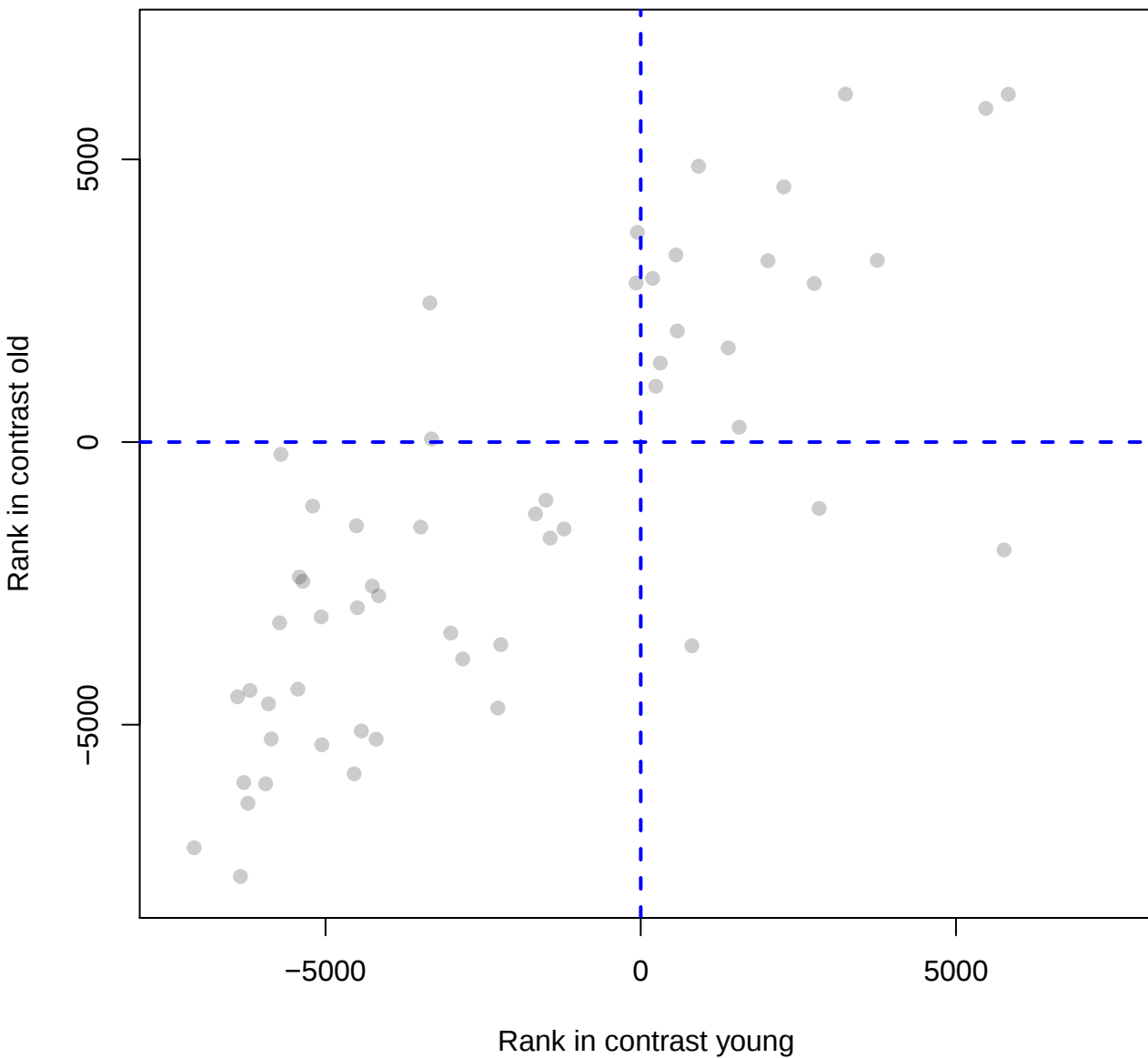
Orc1-removal-from-chromatin



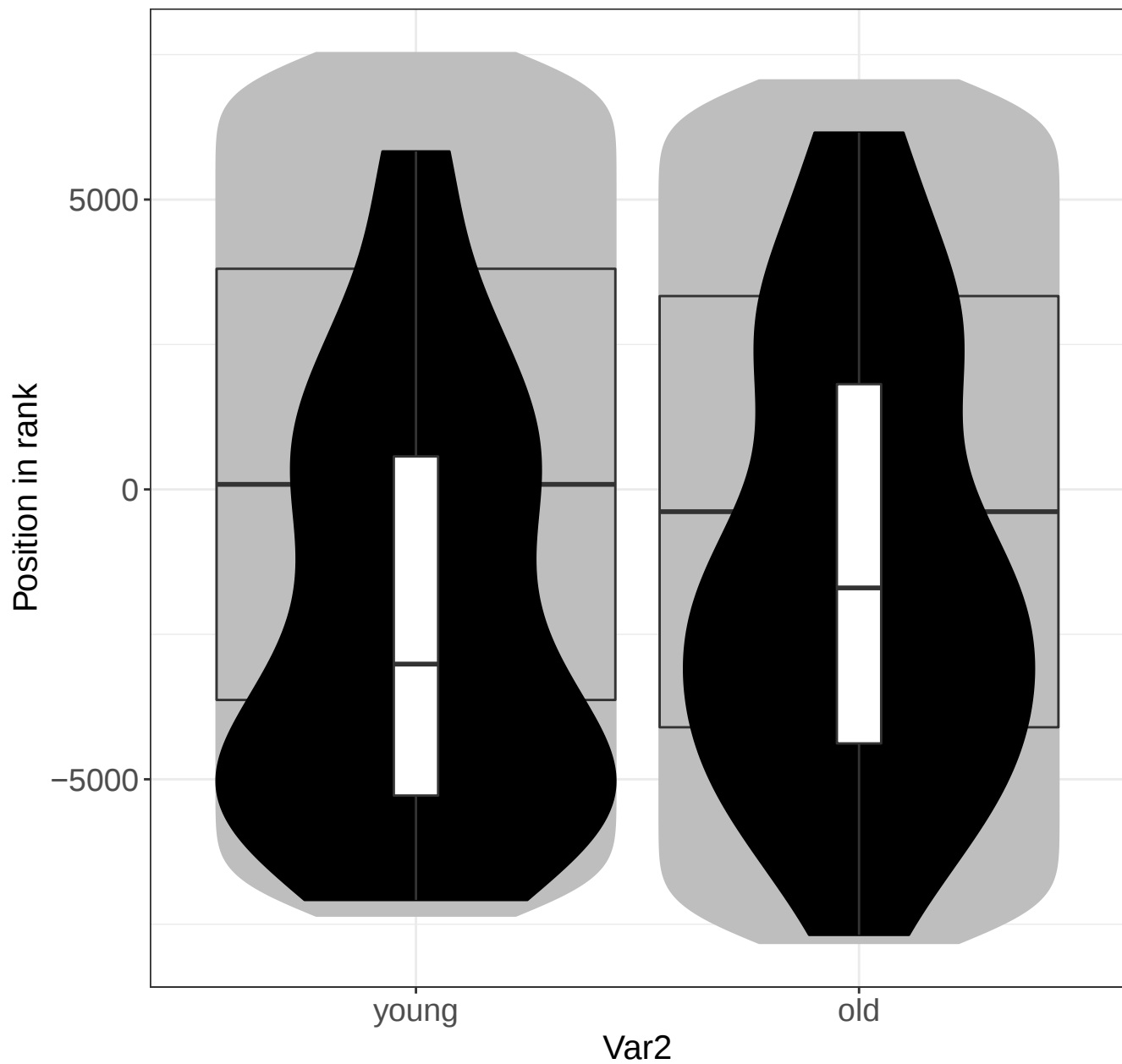
CDT1-association-with-the-CDC6:ORC:origin-comple



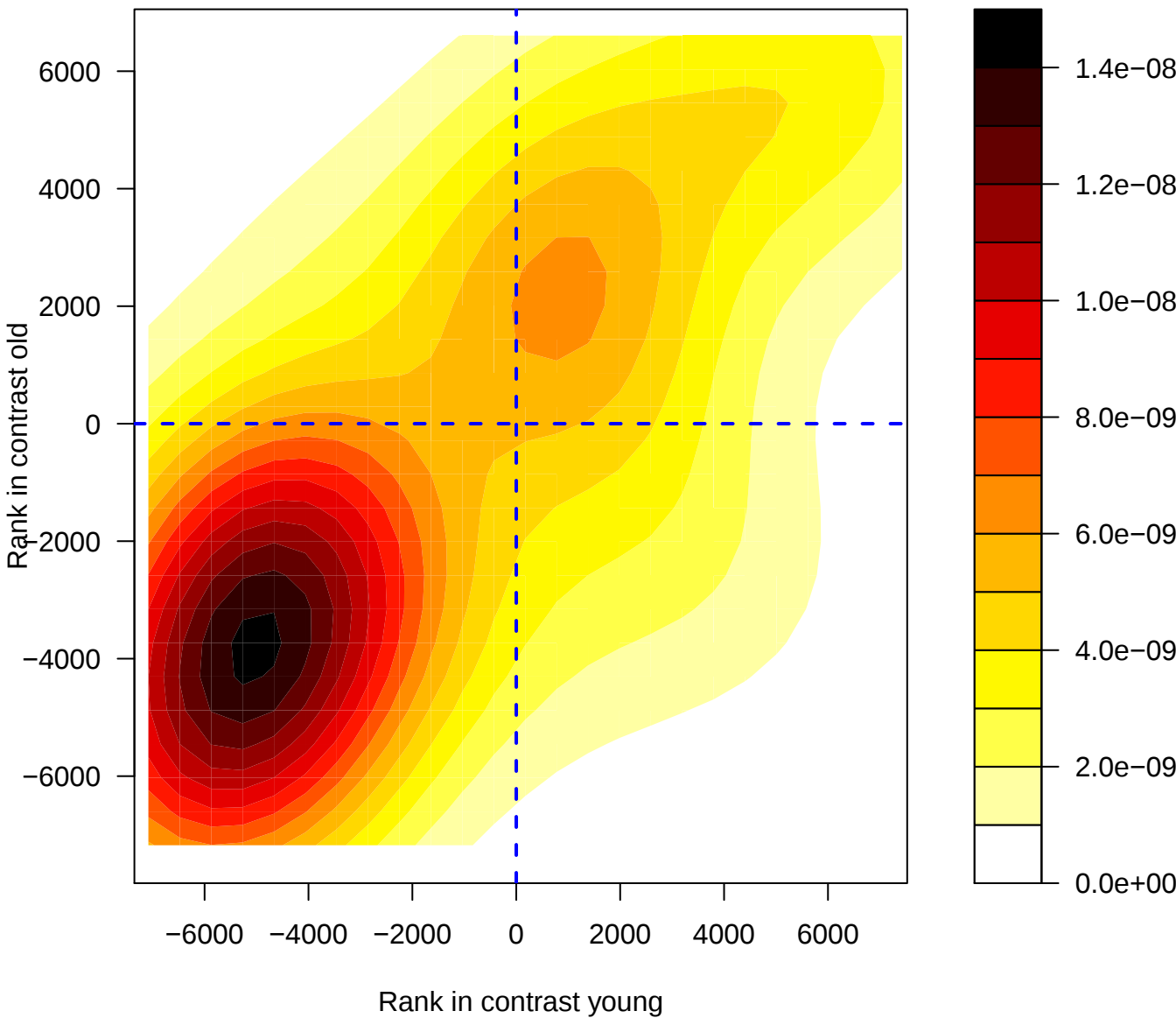
CDT1-association-with-the-CDC6:ORC:origin-complex



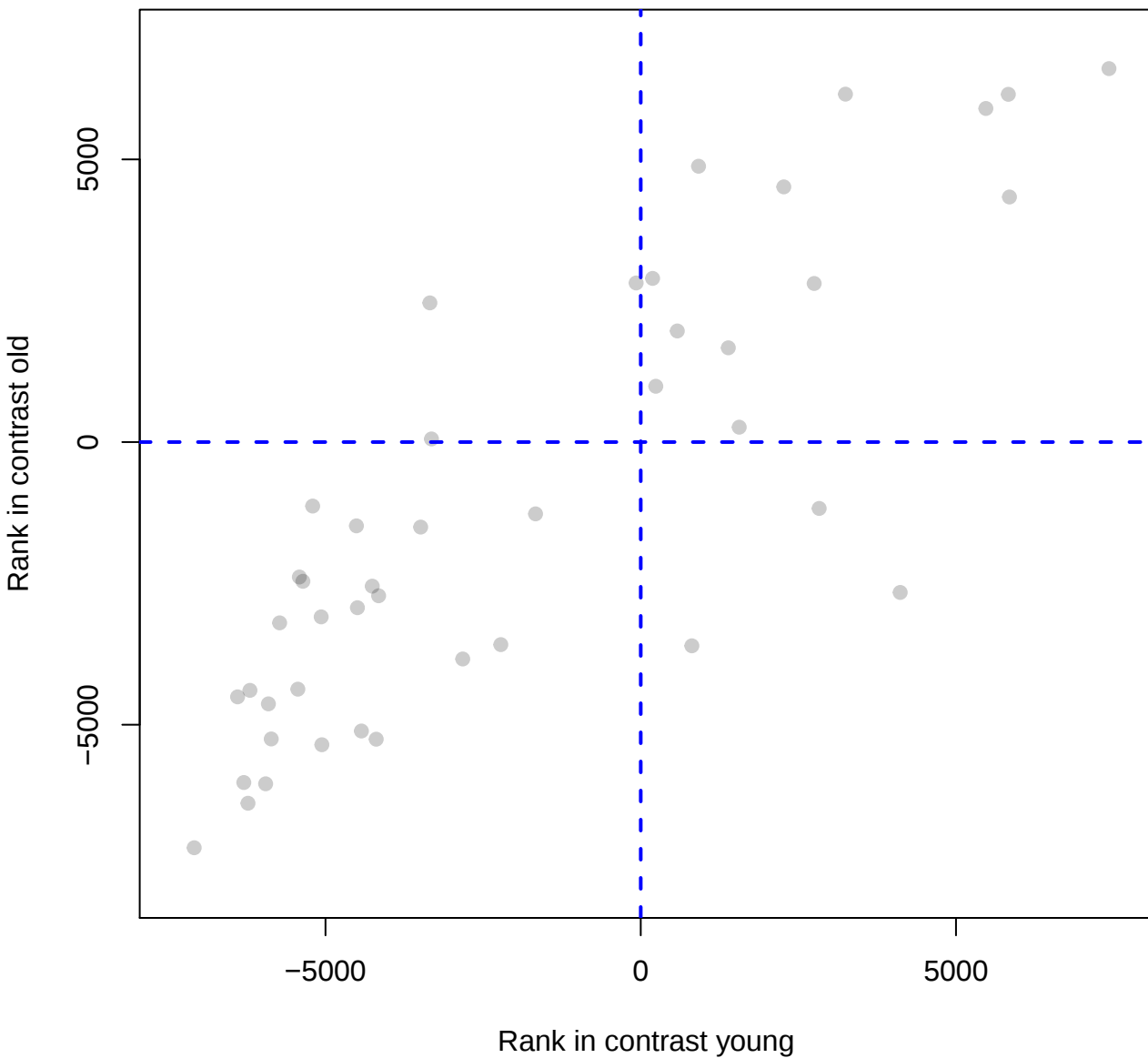
CDT1-association-with-the-CDC6:ORC:origin-o



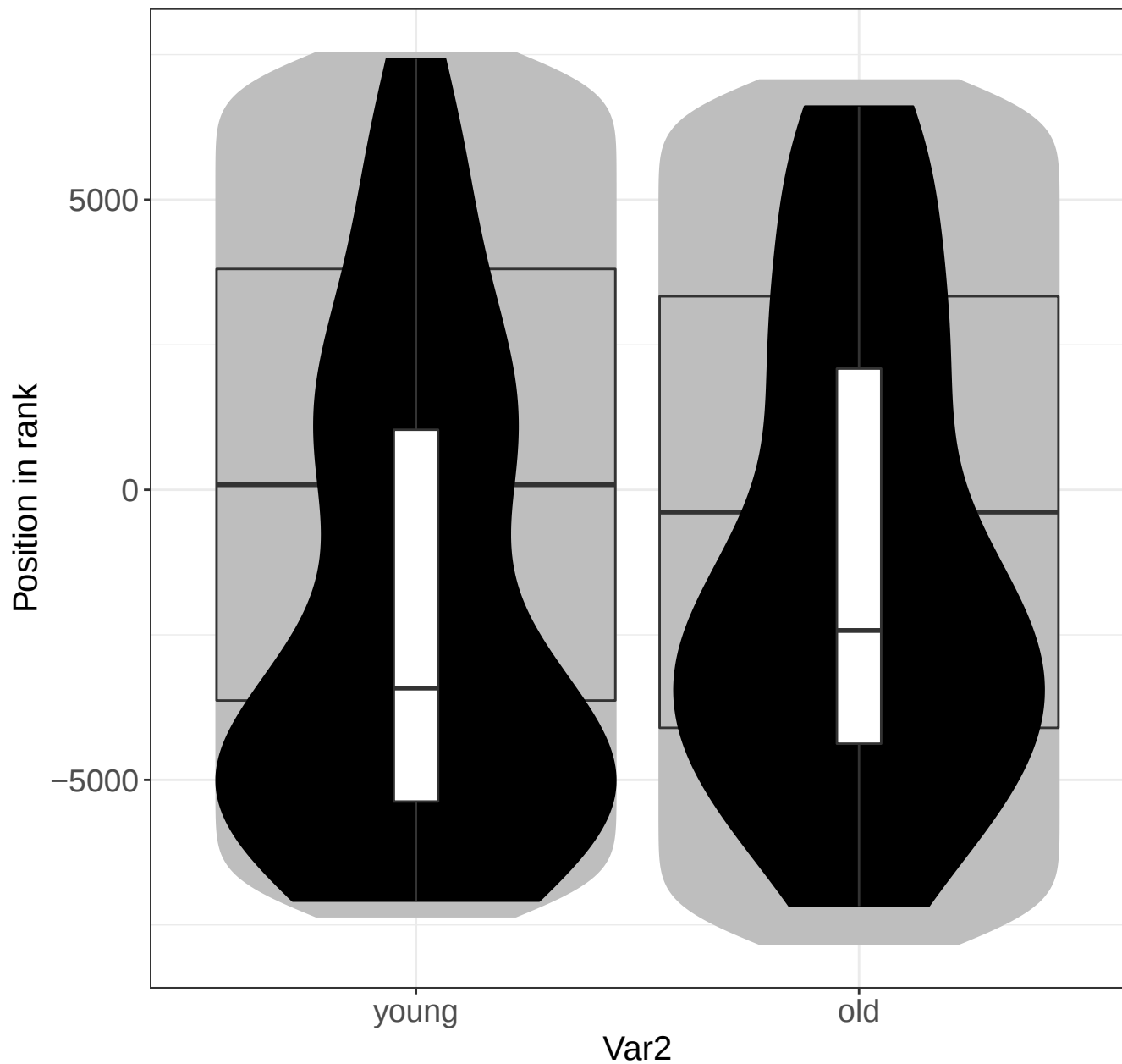
Cross-presentation-of-soluble-exogenous-antigens-(endo



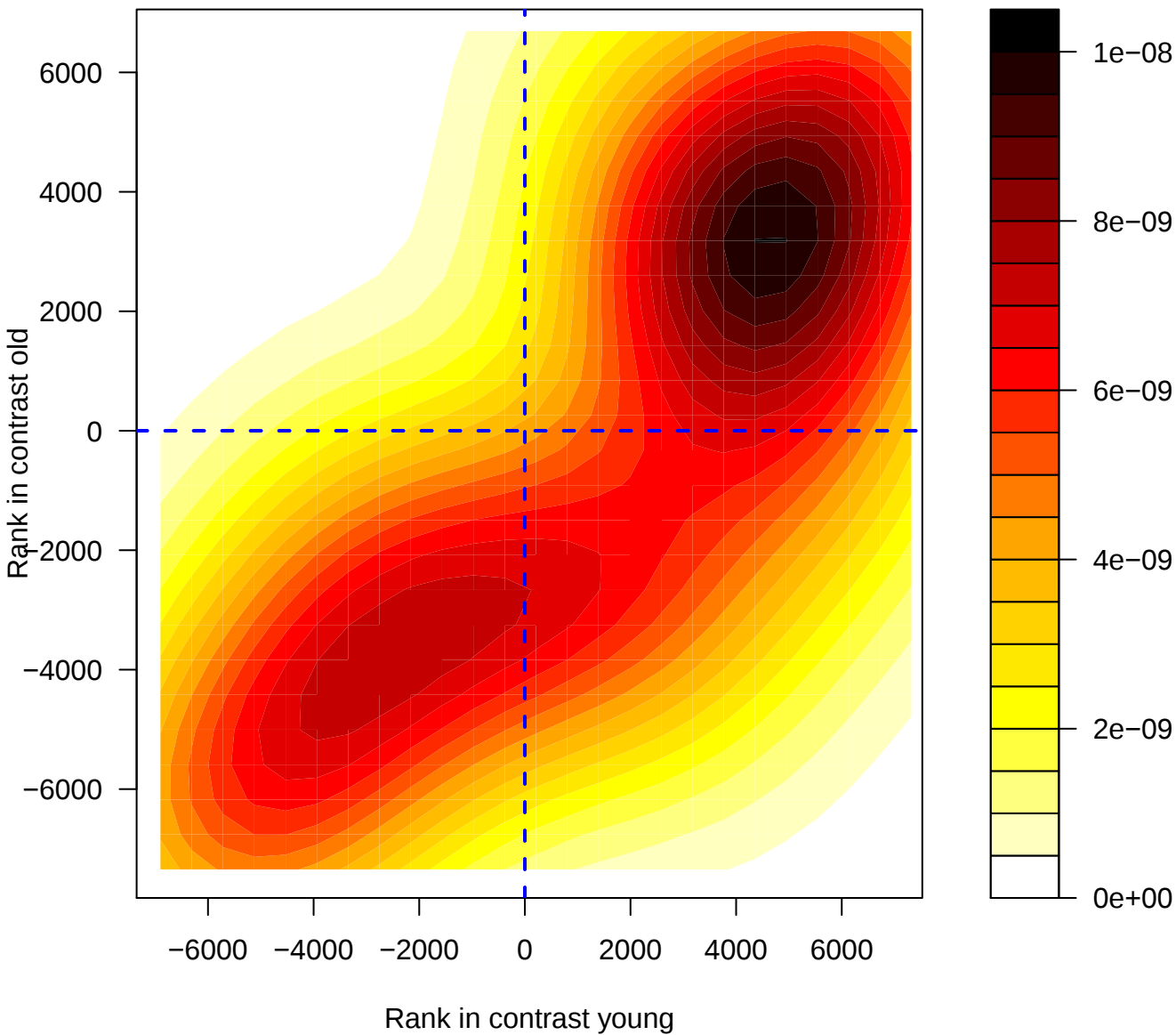
Cross-presentation-of-soluble-exogenous-antigens-(endosomes)



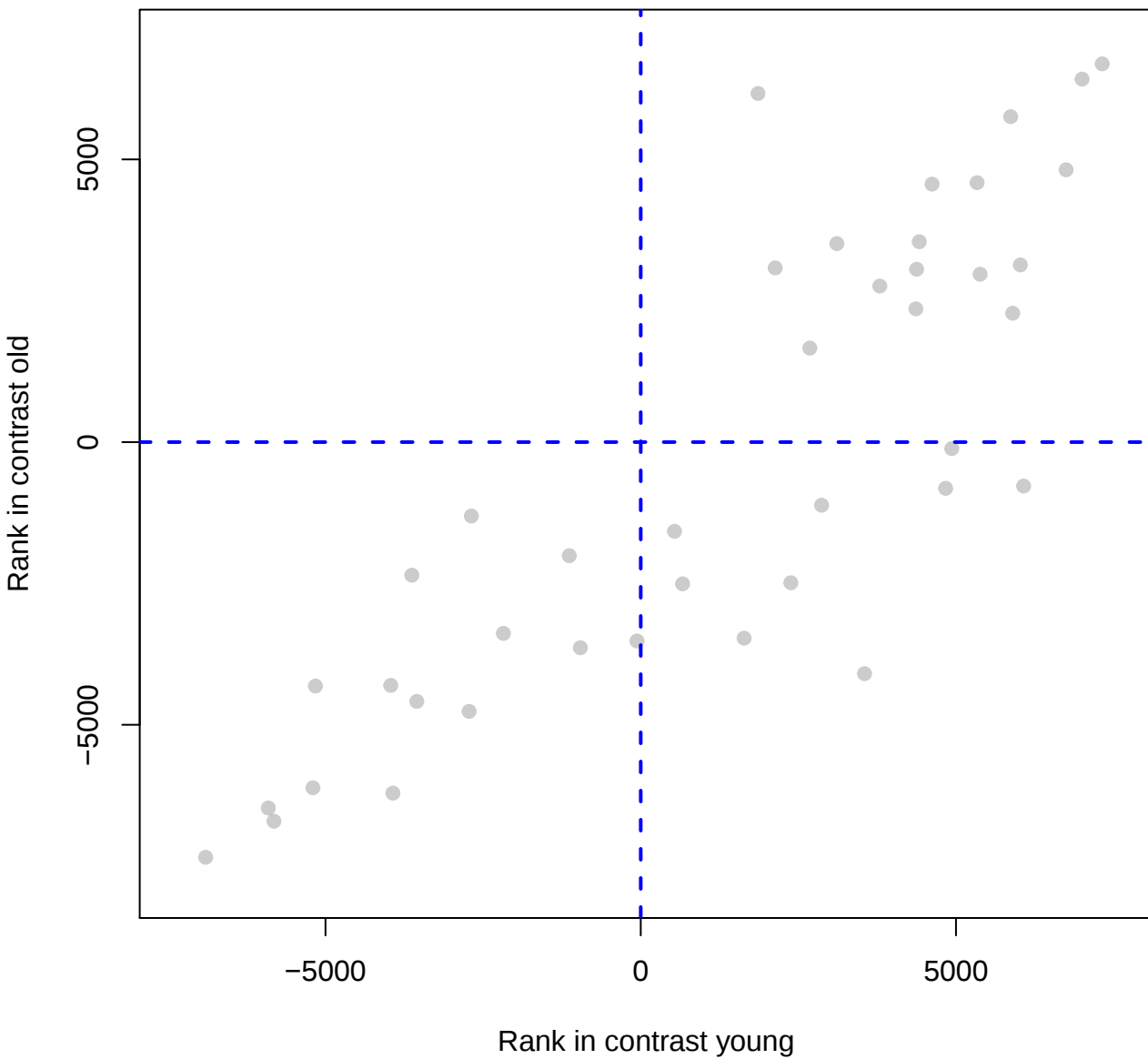
Cross-presentation-of-soluble-exogenous-antig



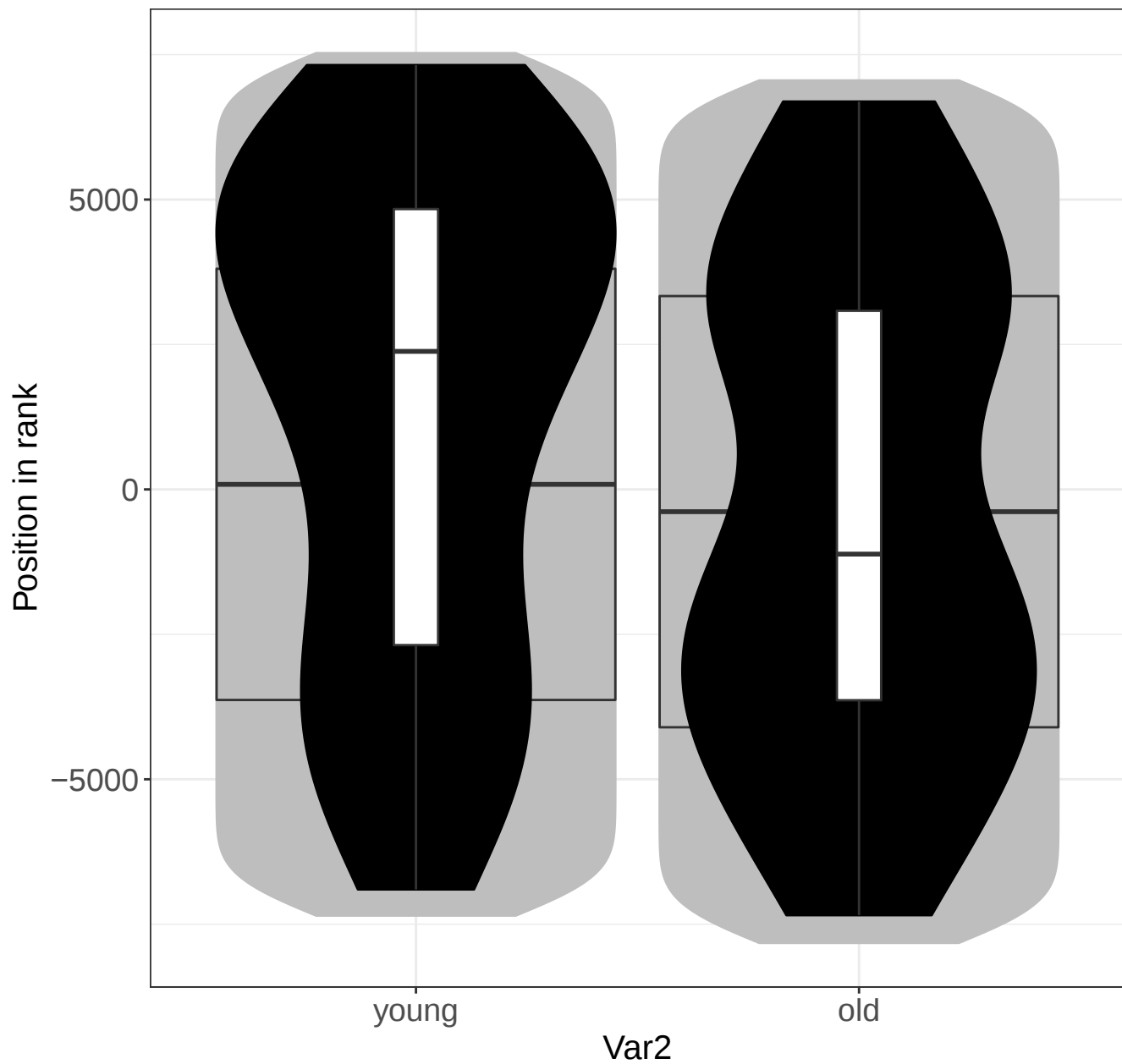
Intra-Golgi-traffic



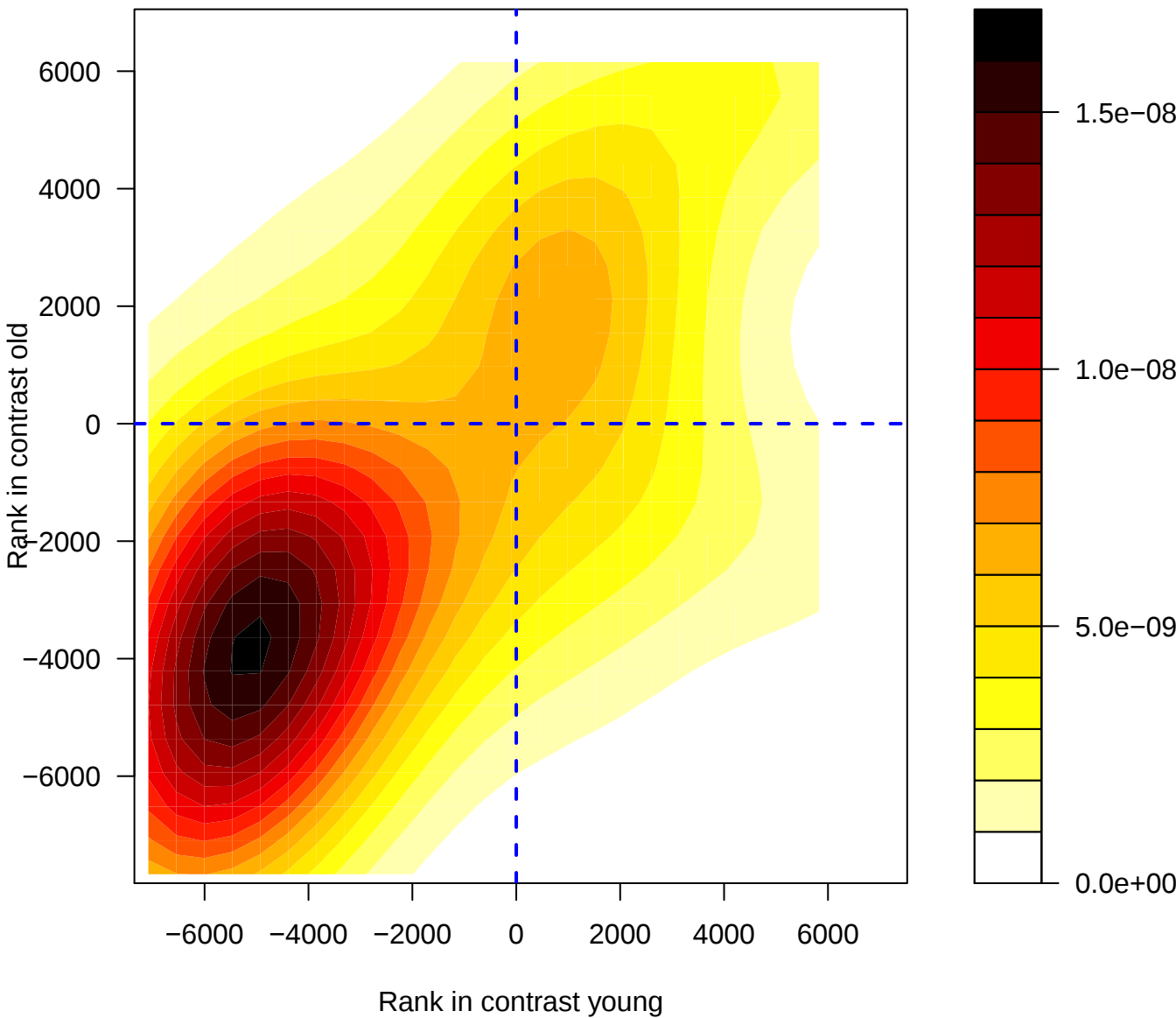
Intra-Golgi-traffic



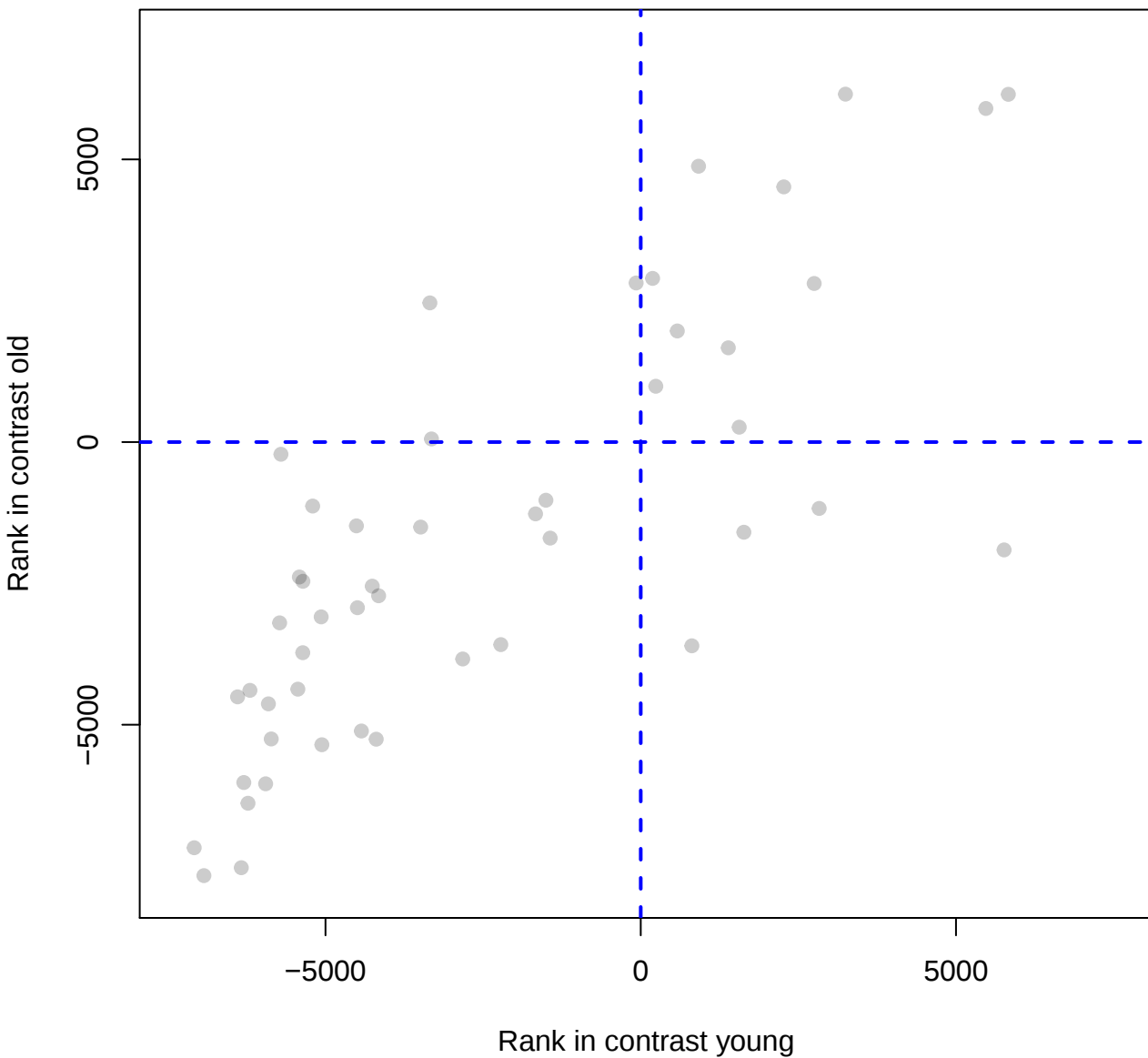
Intra-Golgi-traffic



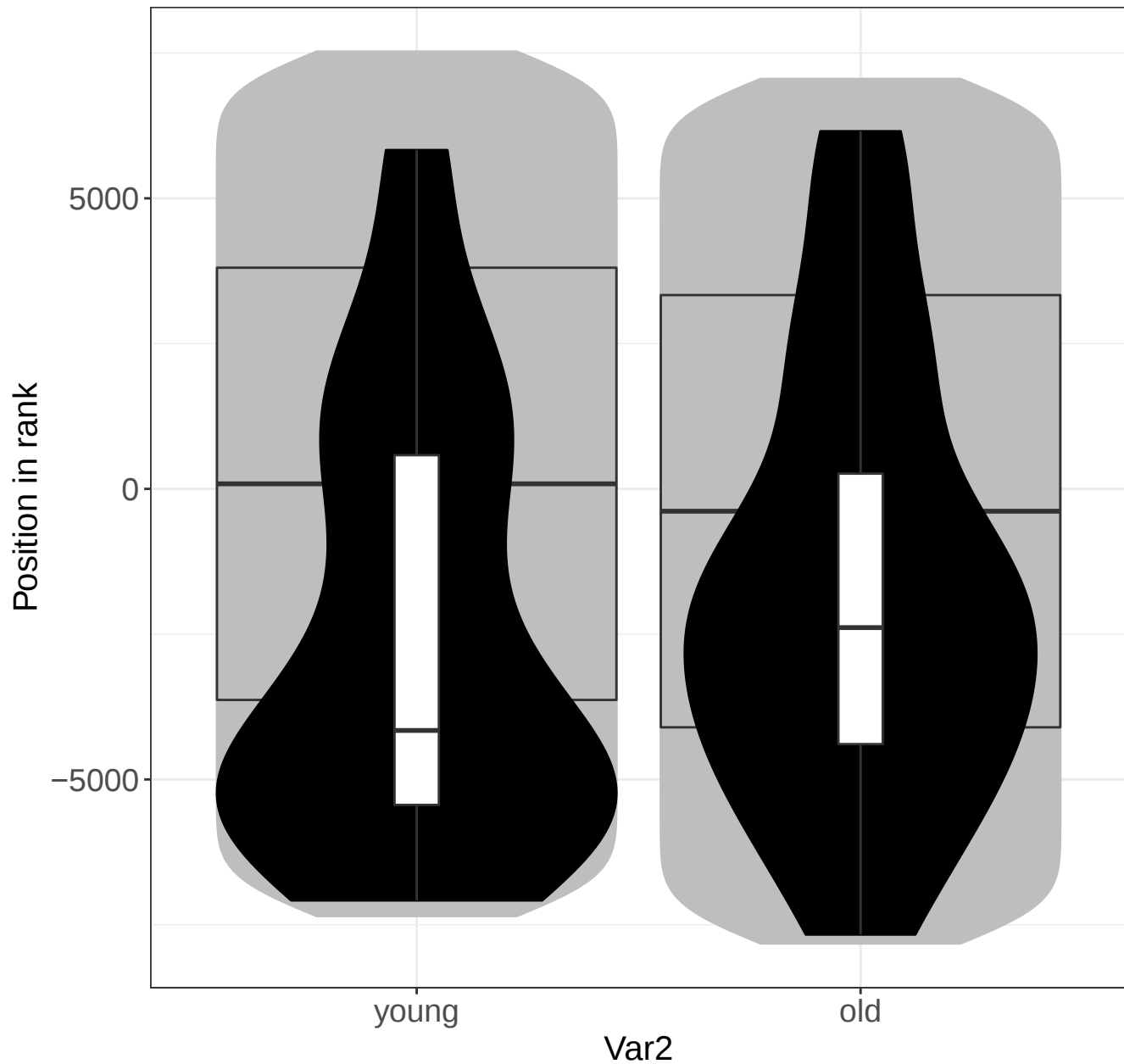
Regulation-of-Apoptosis



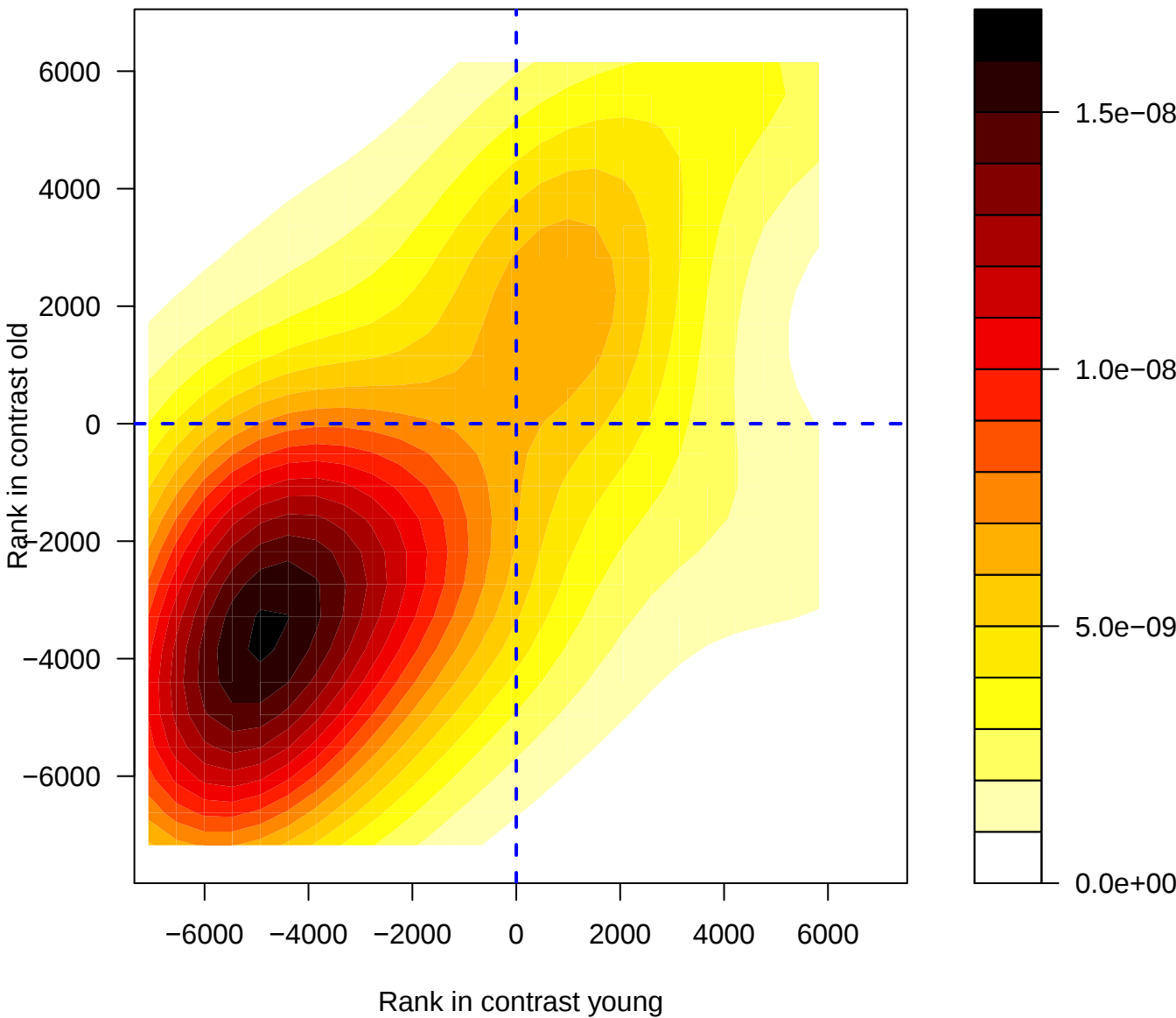
Regulation-of-Apoptosis



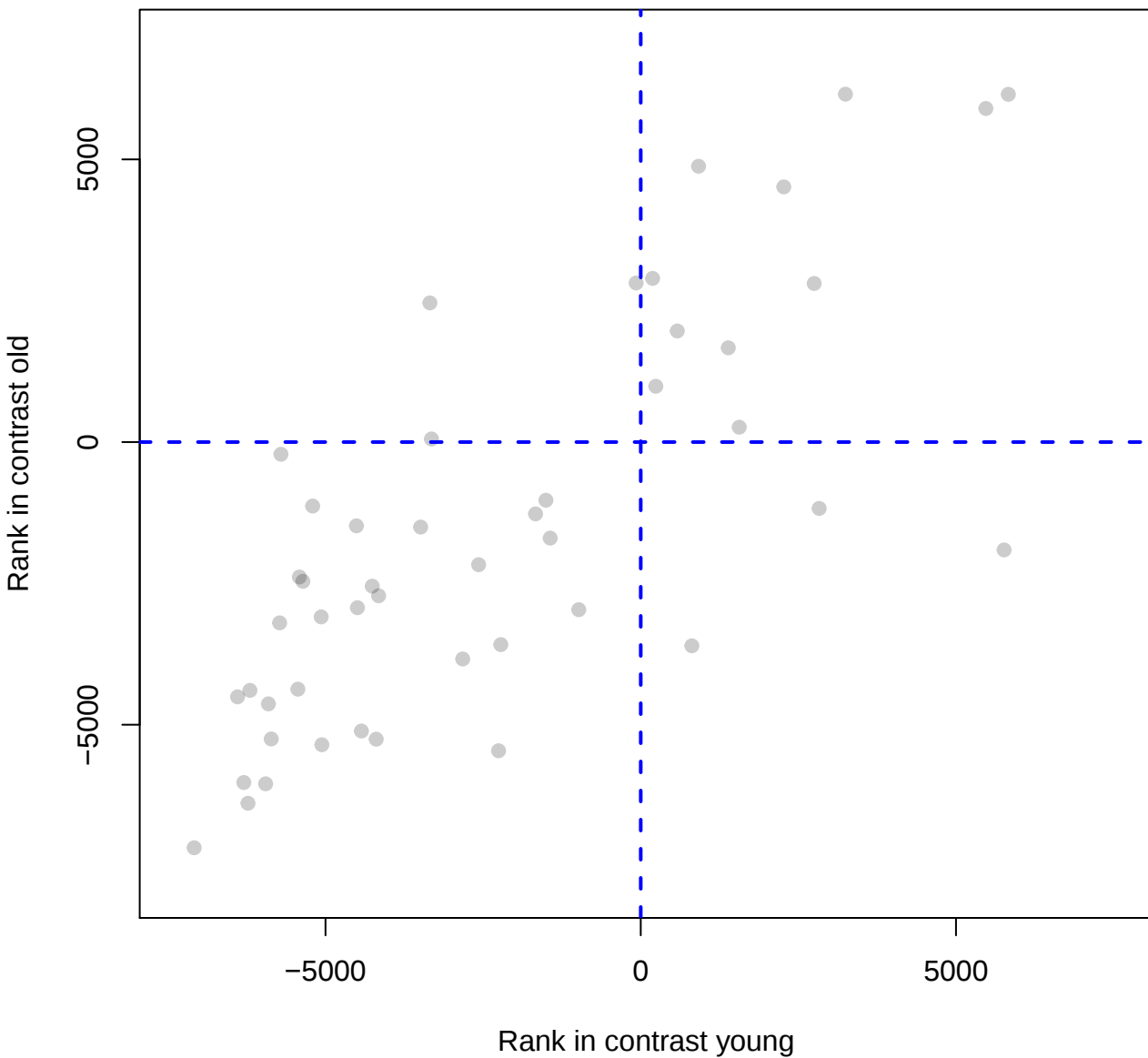
Regulation-of-Apoptosis



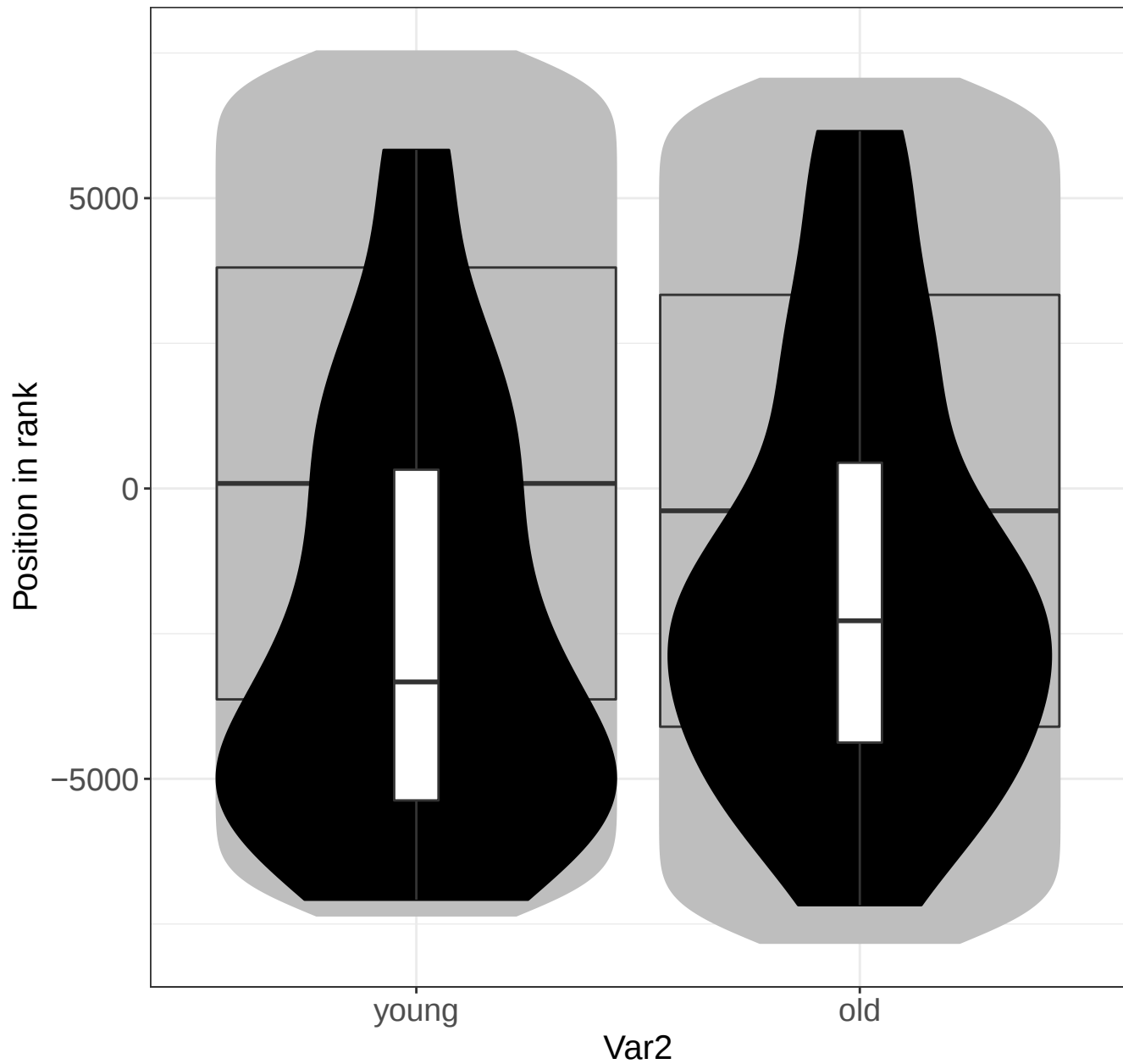
Vpu-mediated-degradation-of-CD4



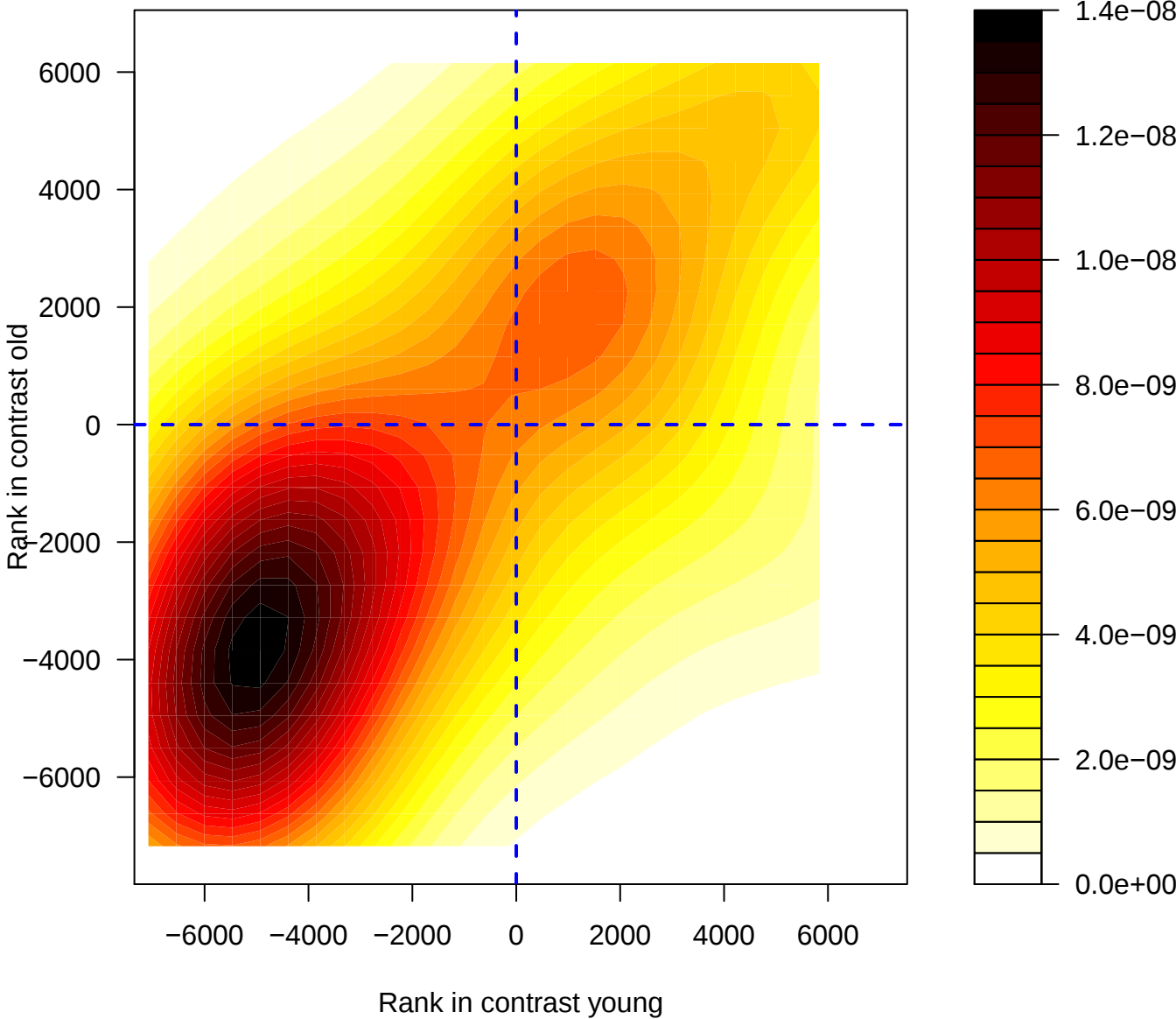
Vpu-mediated-degradation-of-CD4



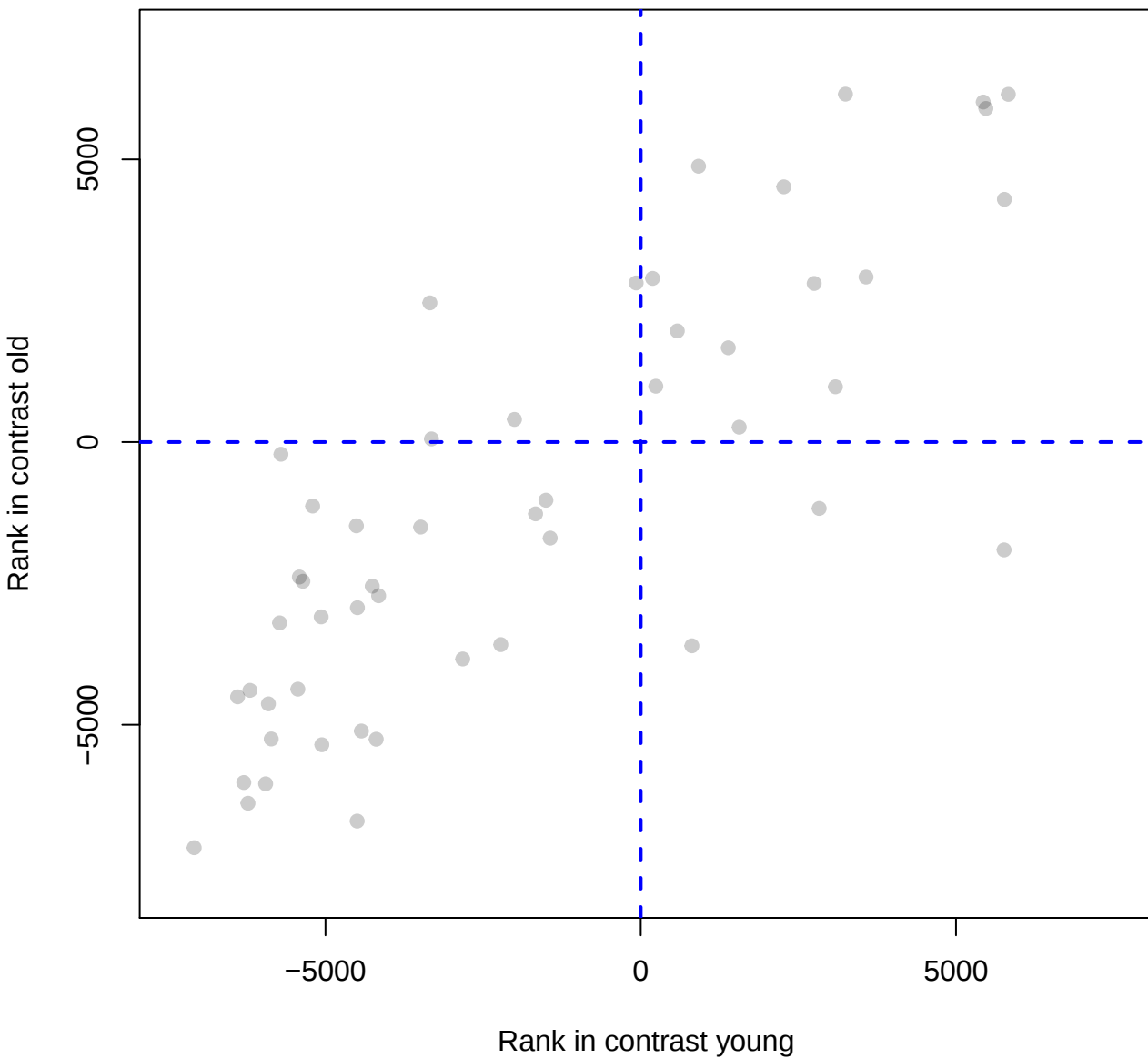
Vpu-mediated-degradation-of-CD4



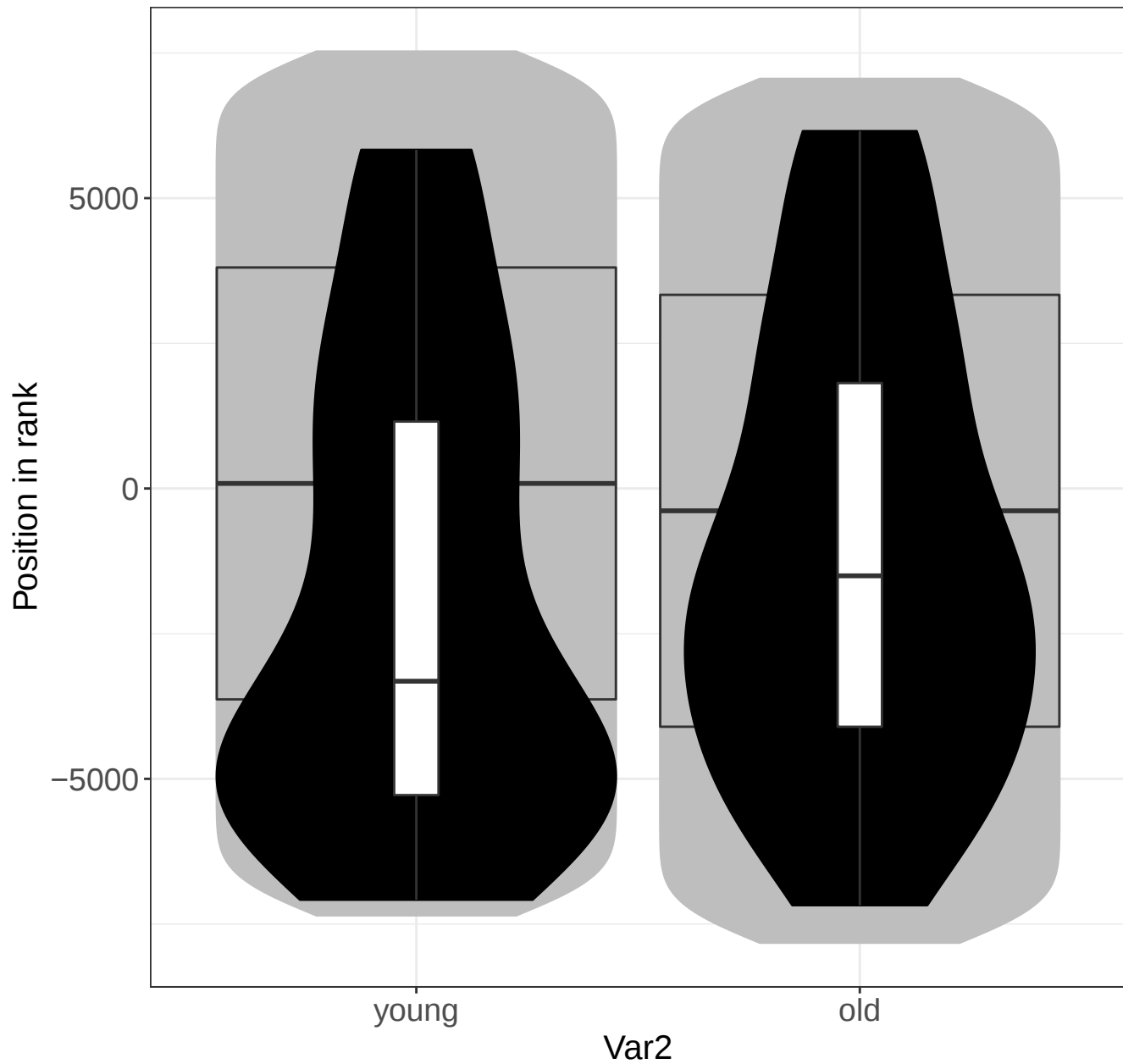
Degradation-of-AXIN



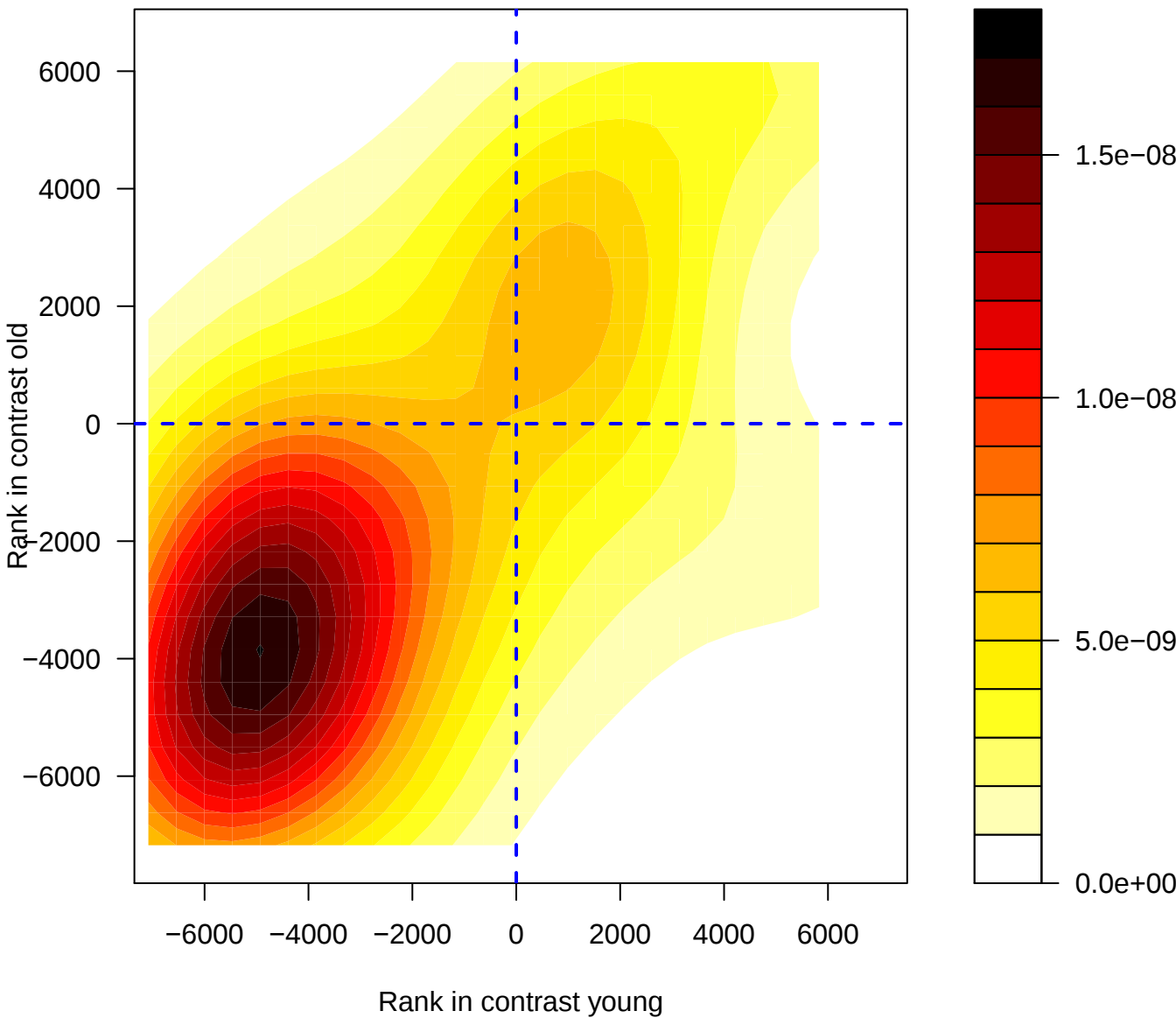
Degradation-of-AXIN



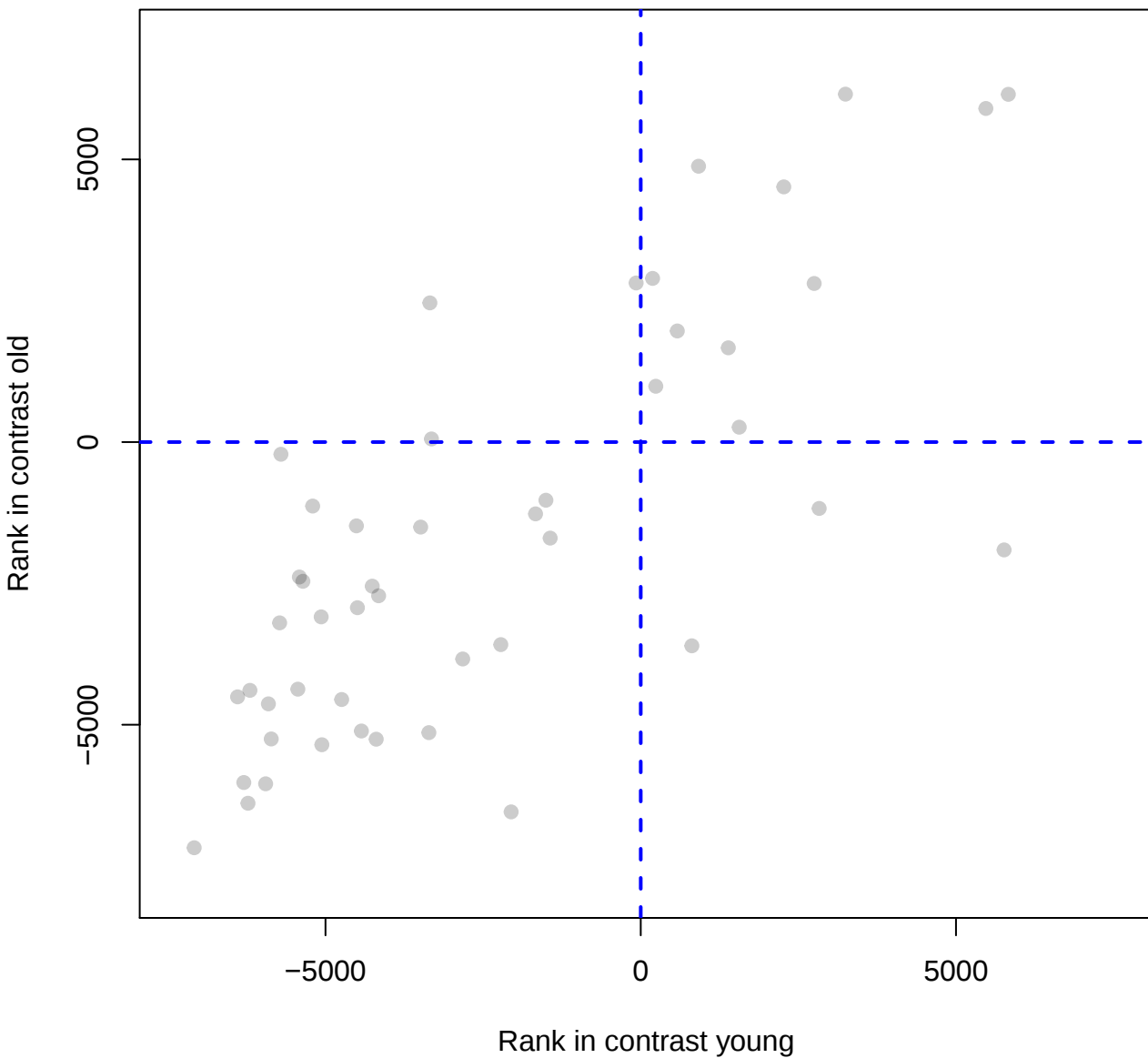
Degradation-of-AXIN



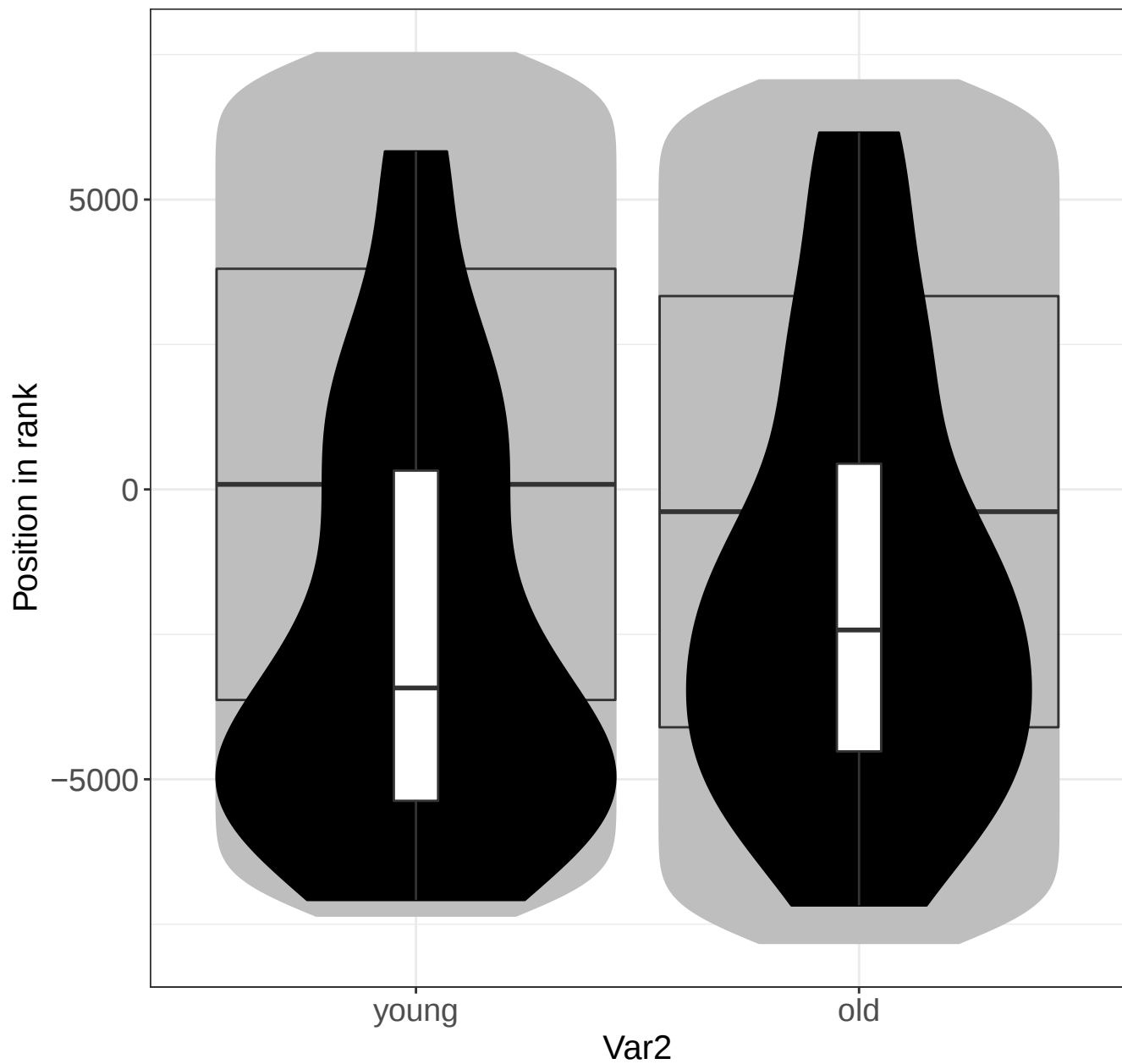
Vif-mediated-degradation-of-APOBEC3G



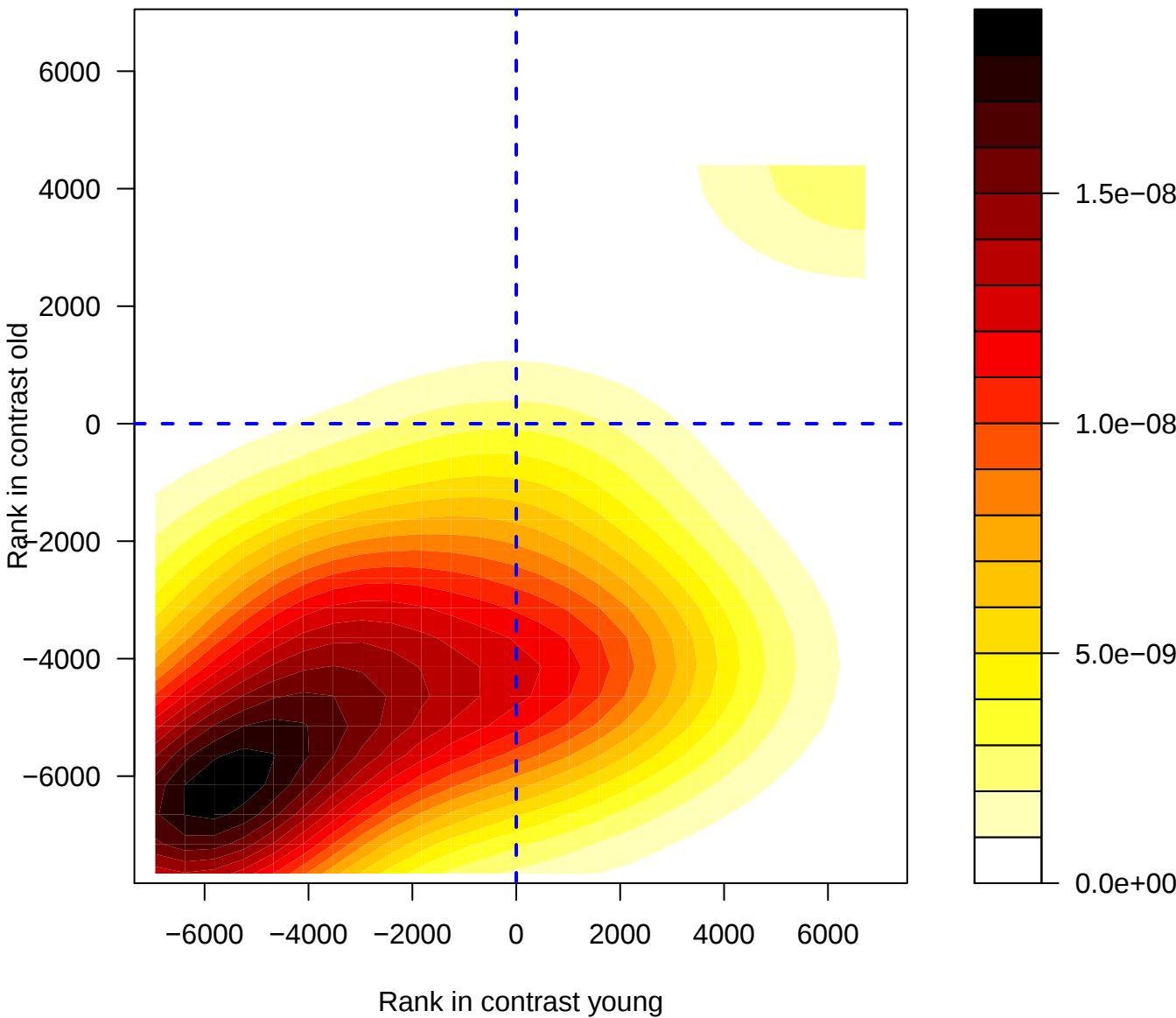
Vif-mediated-degradation-of-APOBEC3G



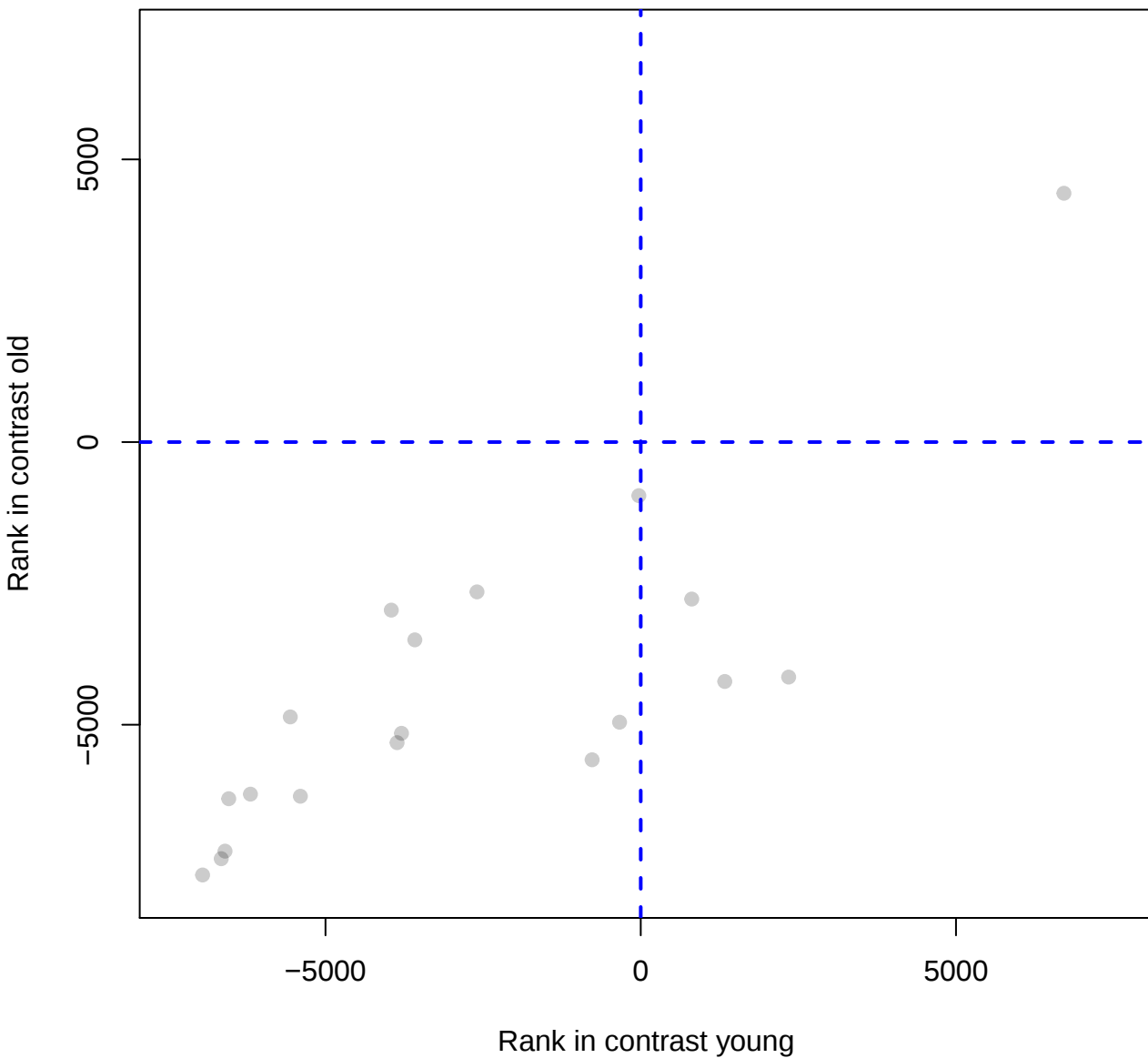
Vif-mediated-degradation-of-APOBEC3G



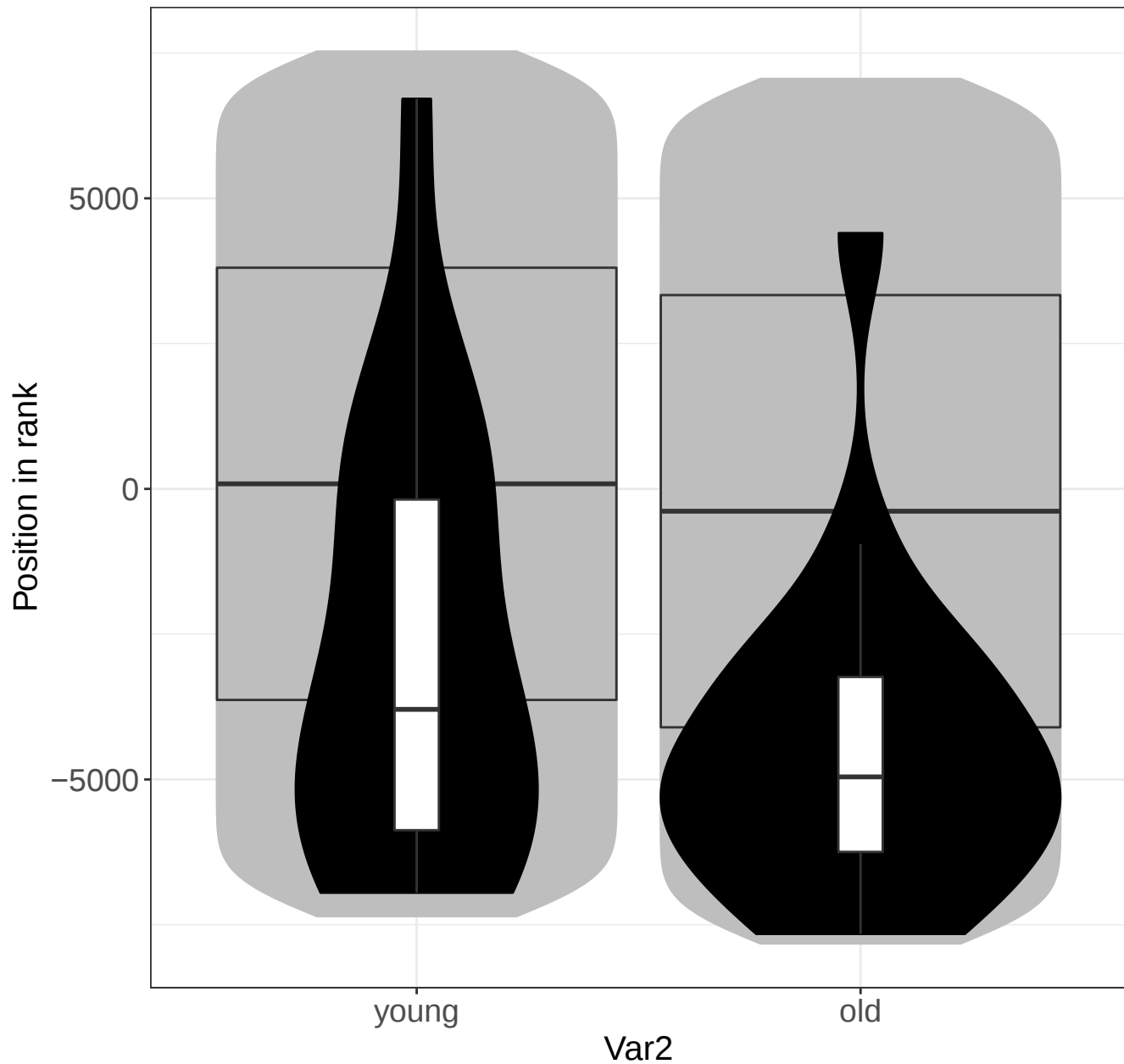
Class-I-peroxisomal-membrane-protein-import



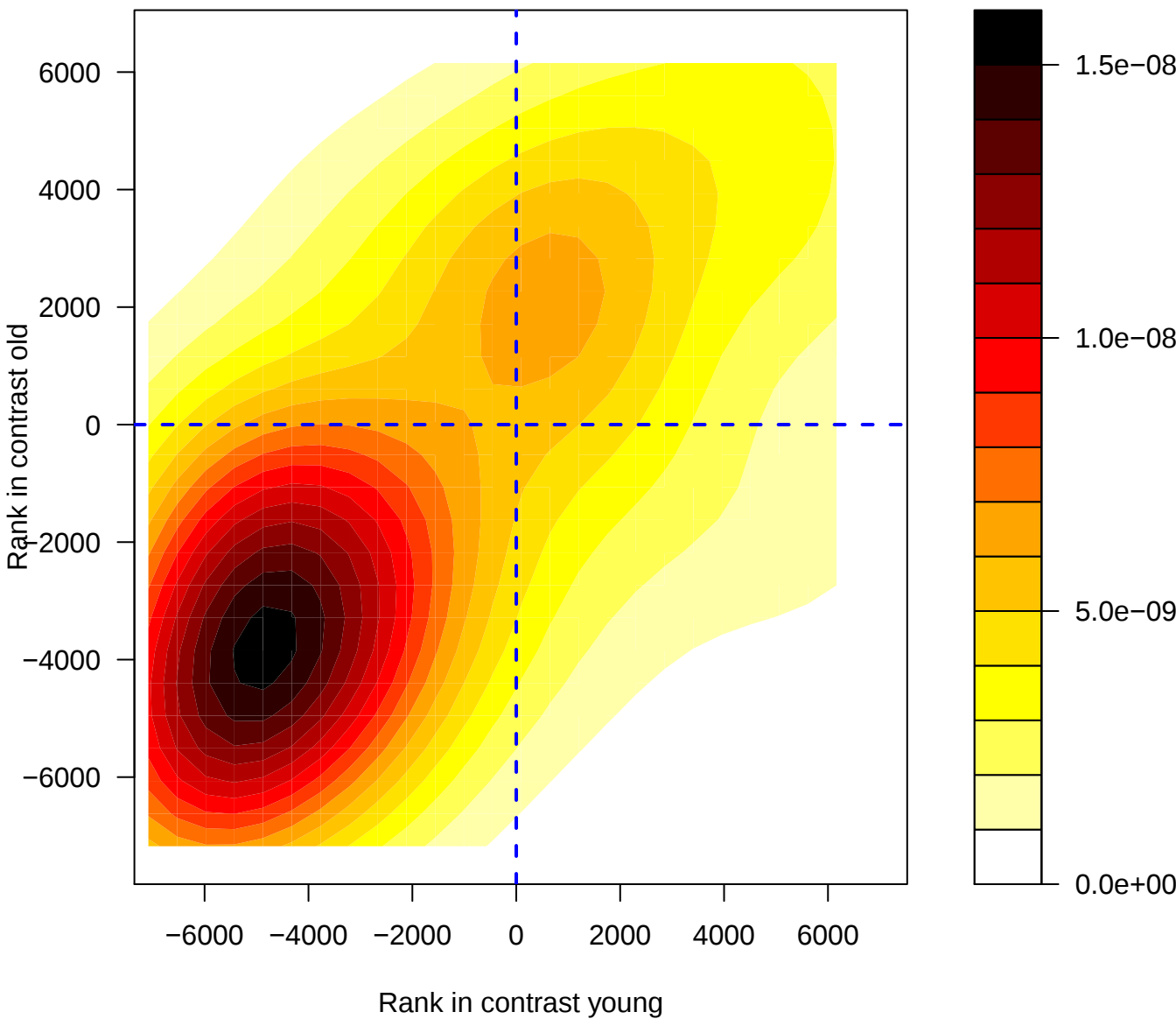
Class-I-peroxisomal-membrane-protein-import



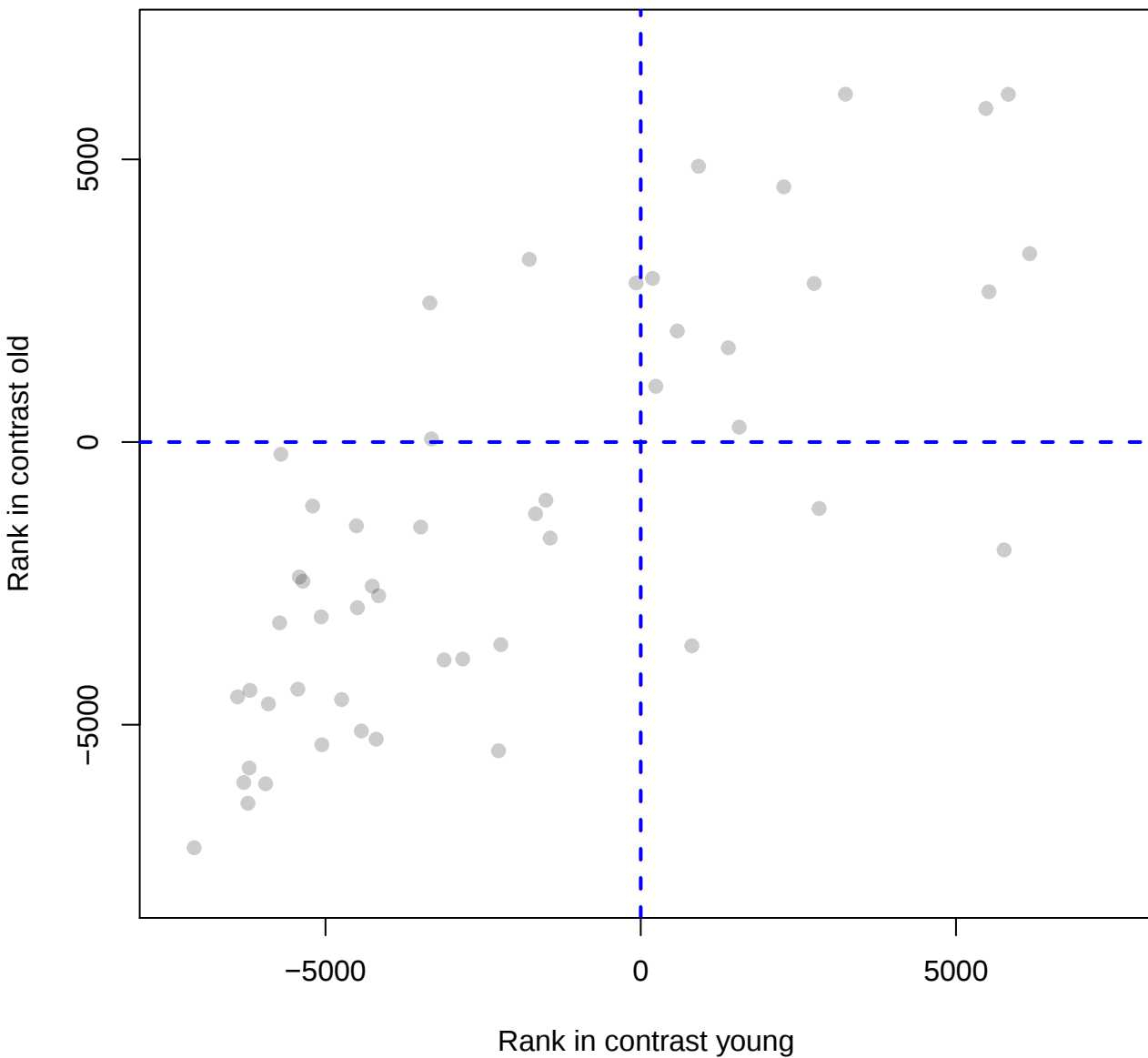
Class-I-peroxisomal-membrane-protein-import



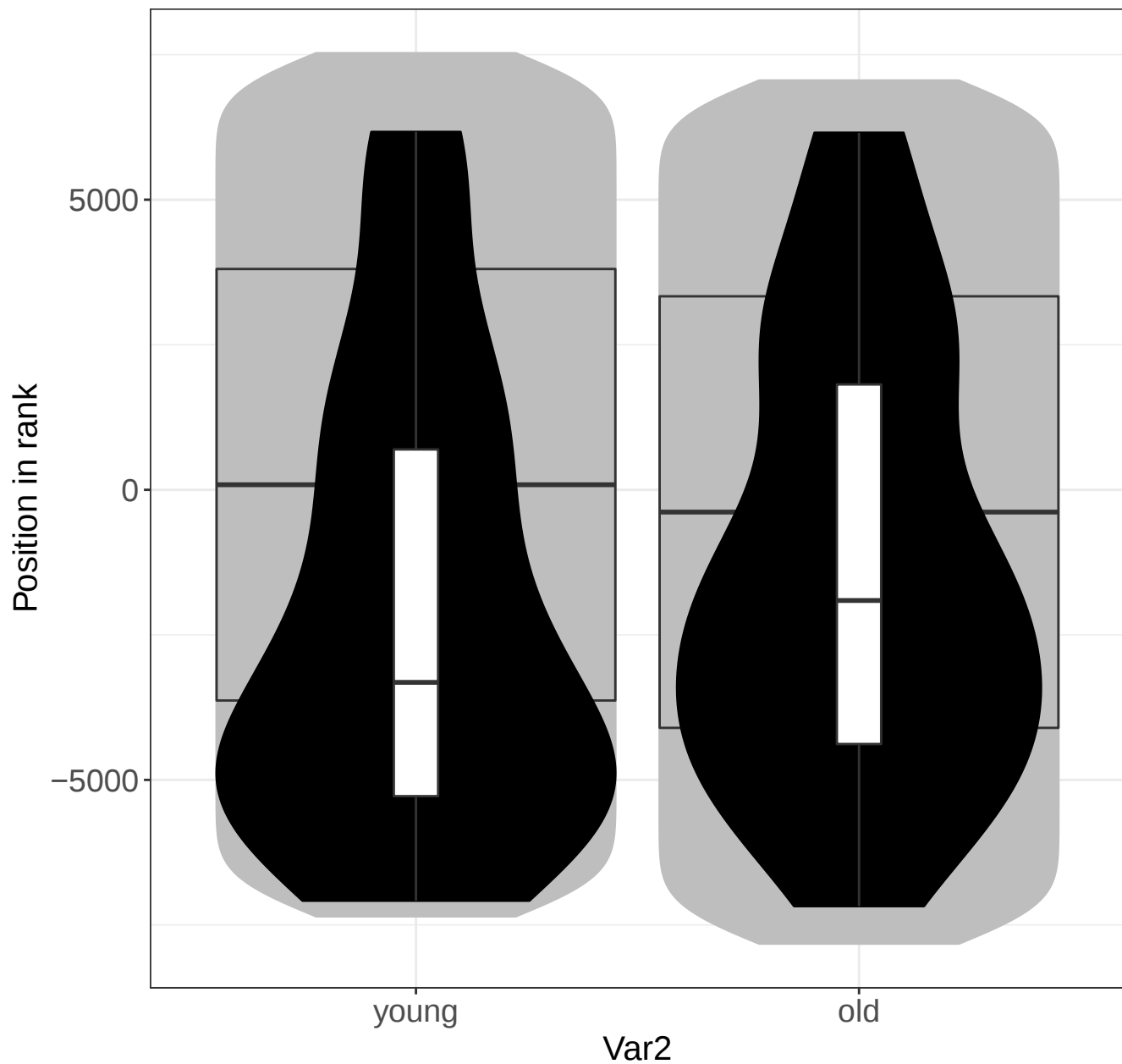
Negative-regulation-of-NOTCH4-signaling



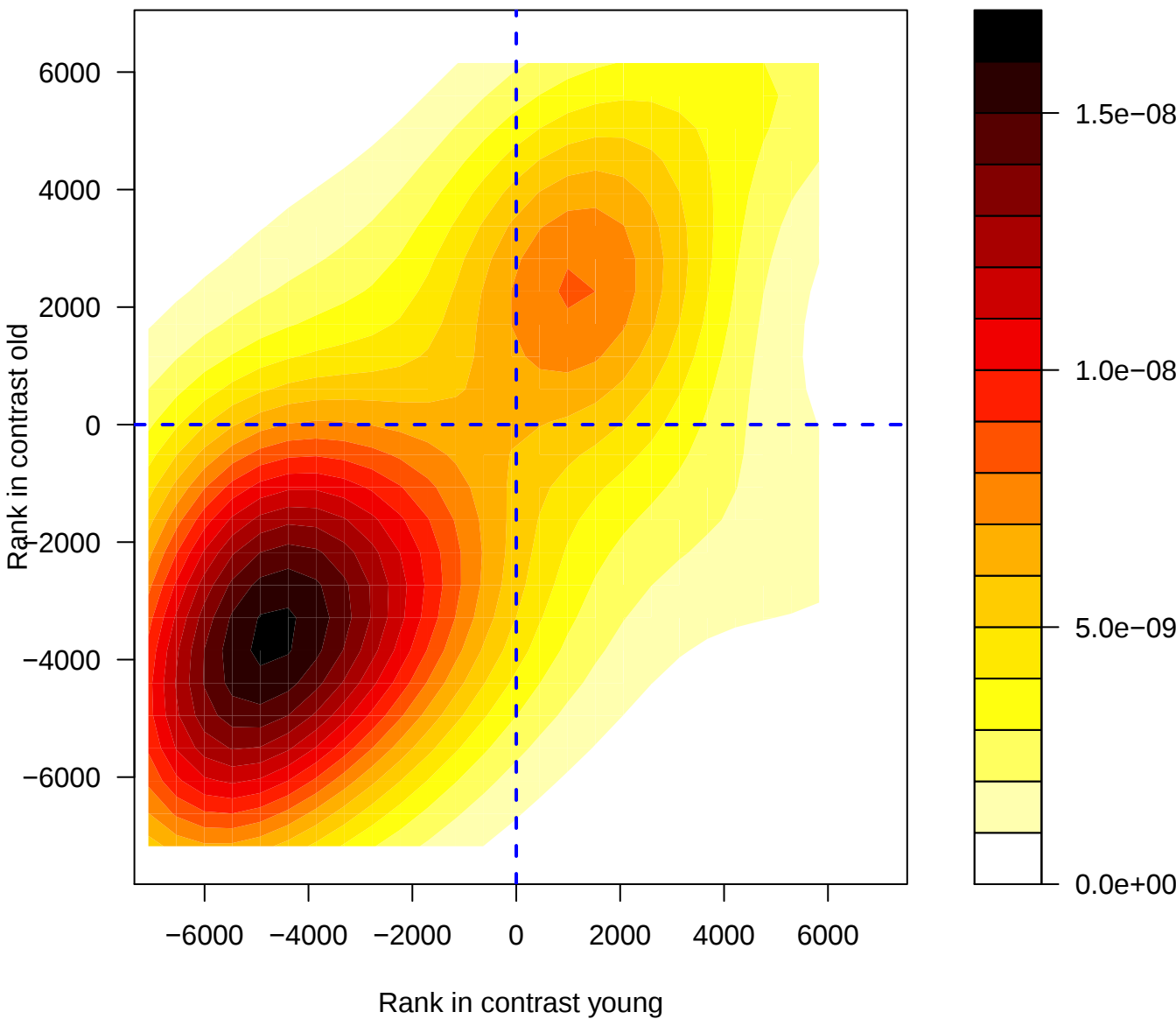
Negative-regulation-of-NOTCH4-signaling



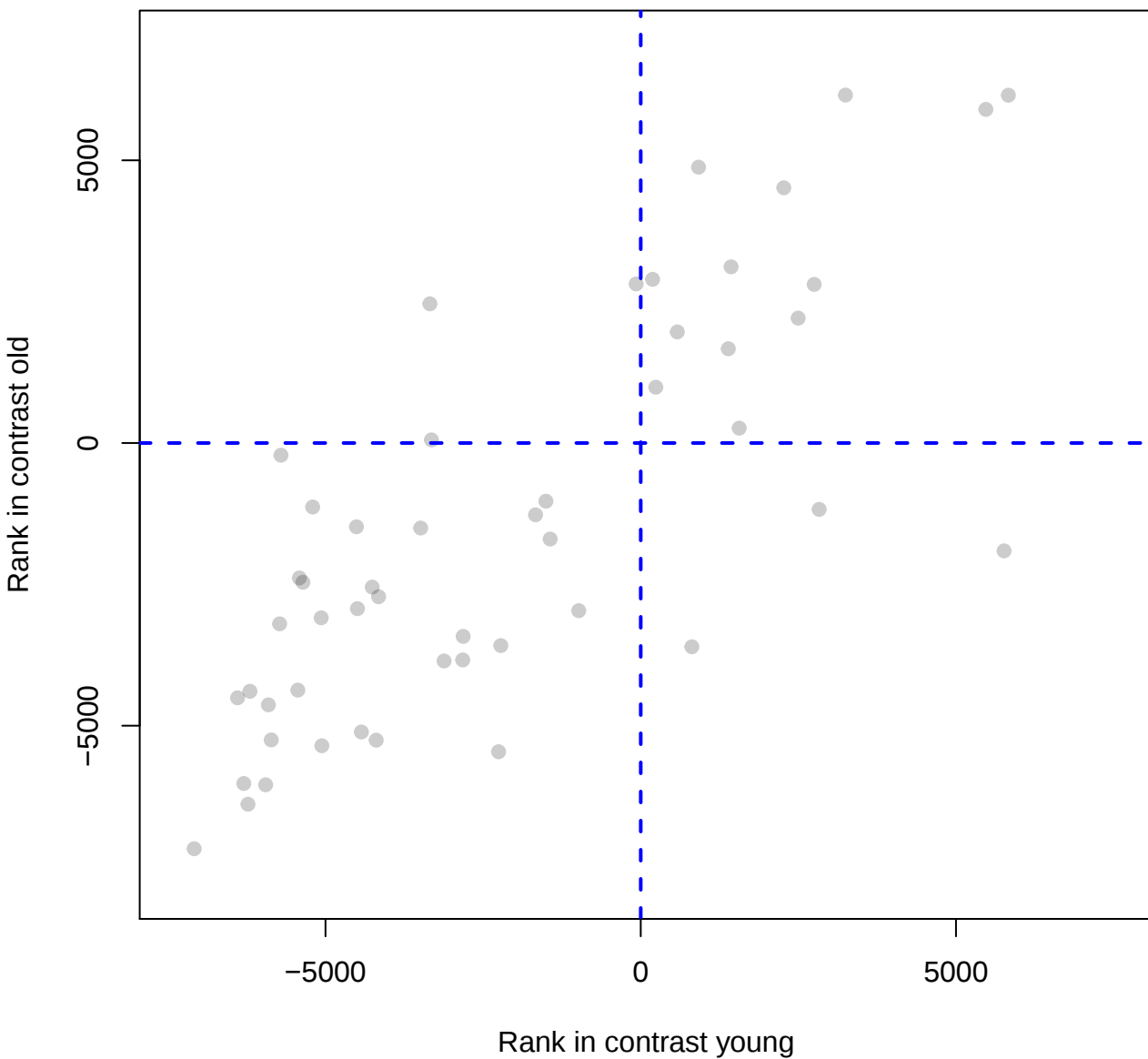
Negative-regulation-of-NOTCH4-signaling



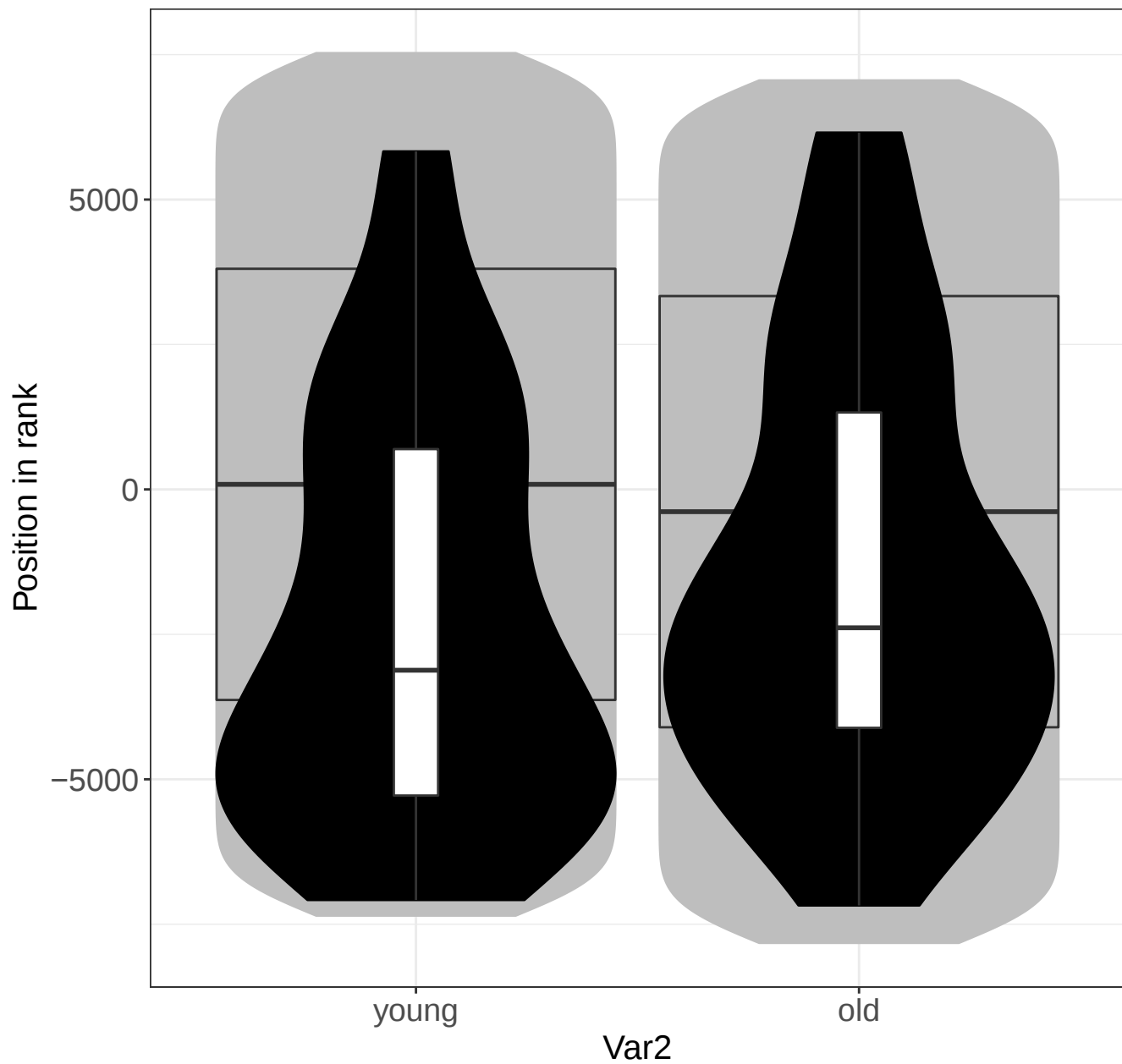
SCF-beta-TrCP-mediated-degradation-of-Emi1



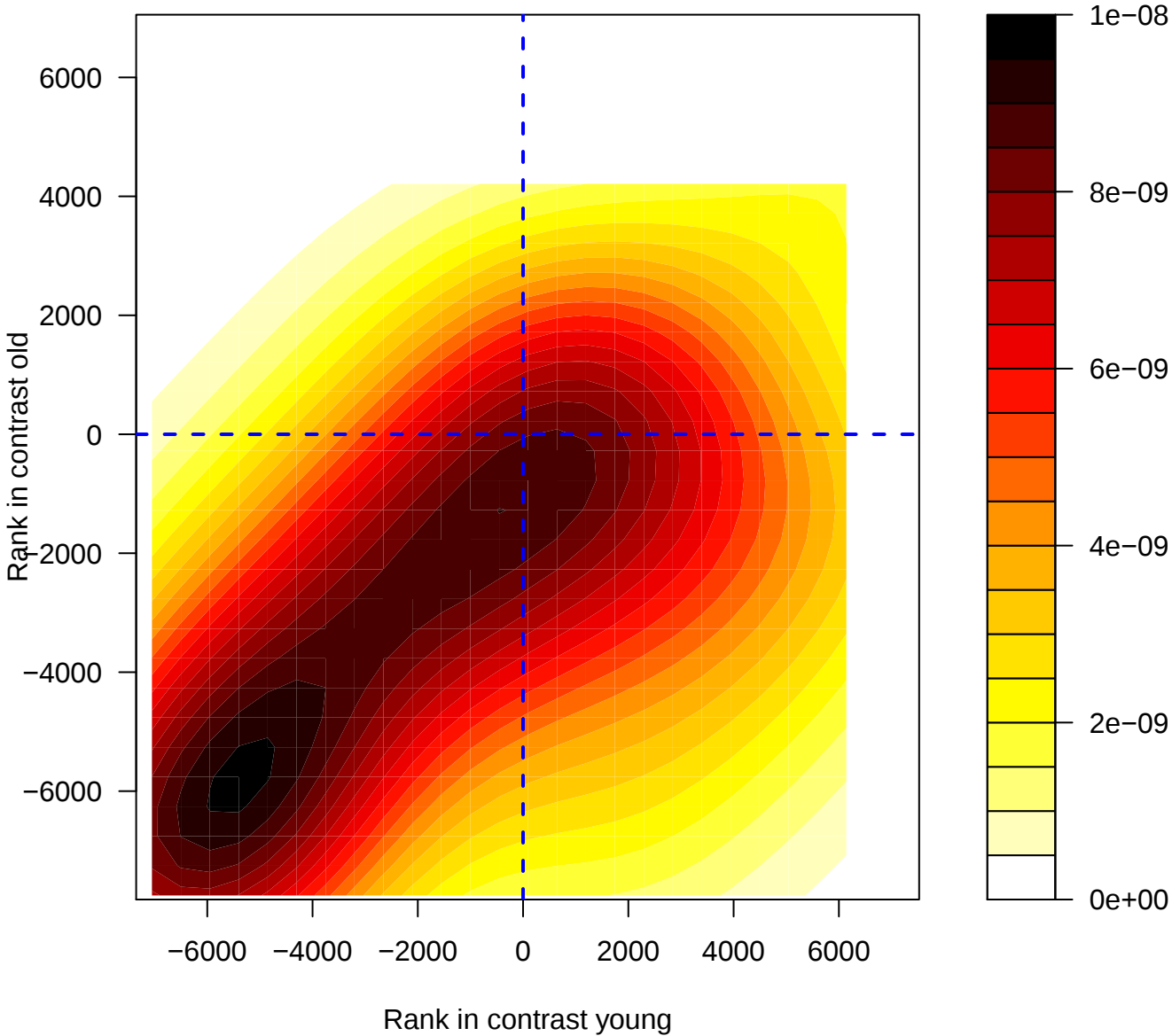
SCF-beta-TrCP-mediated-degradation-of-Emi1



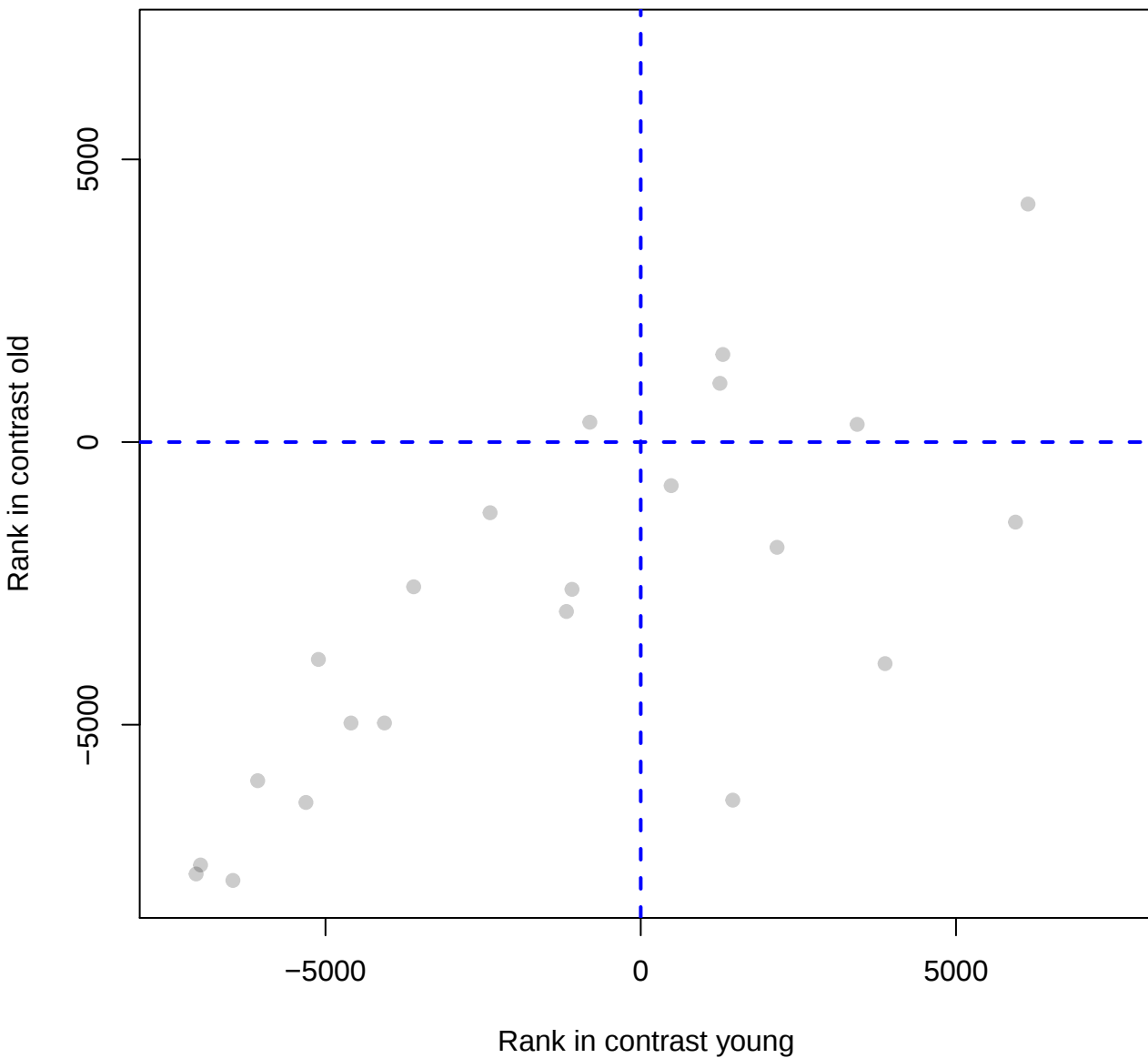
SCF-beta-TrCP-mediated-degradation-of-Emi1



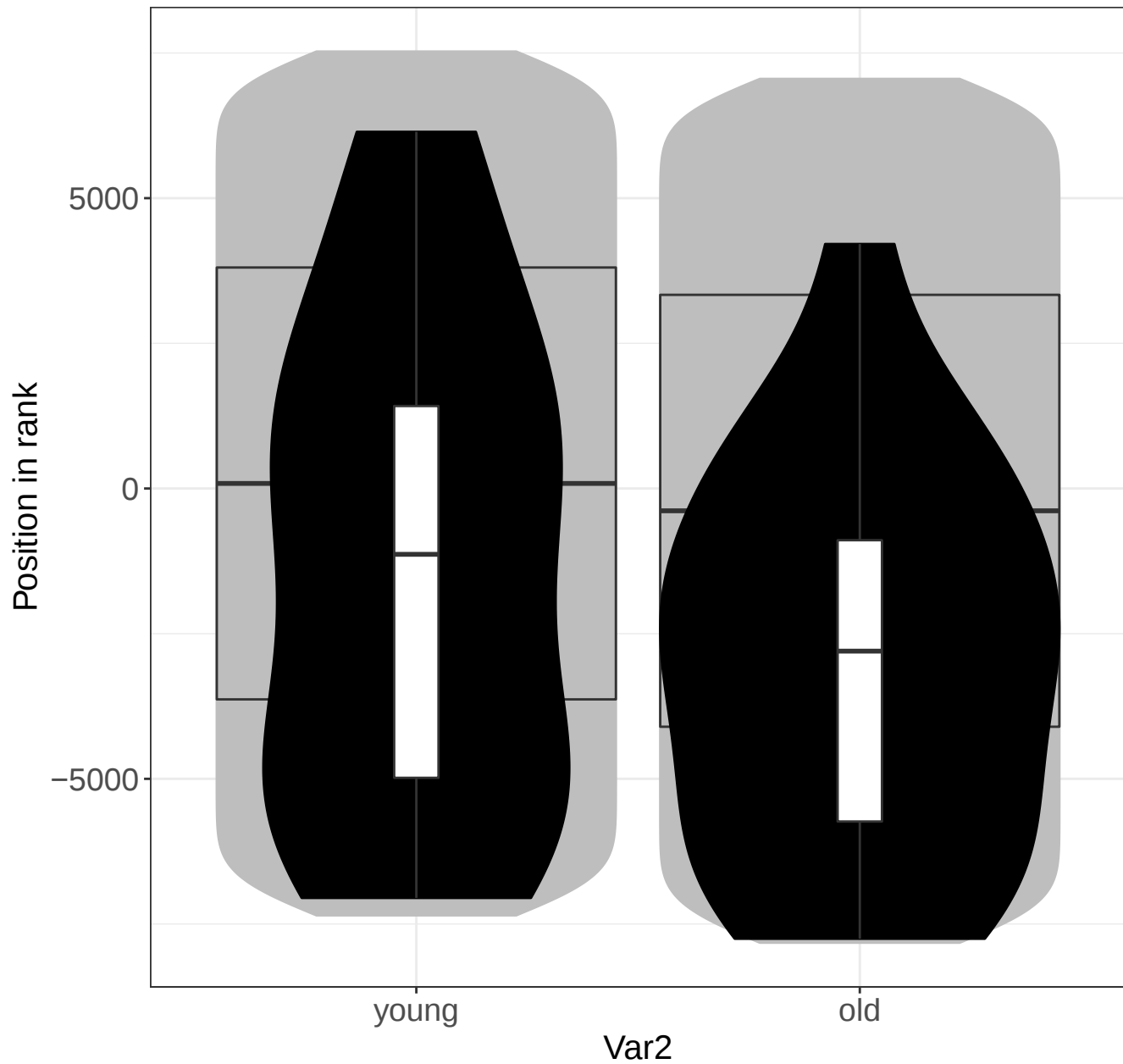
DARPP-32-events



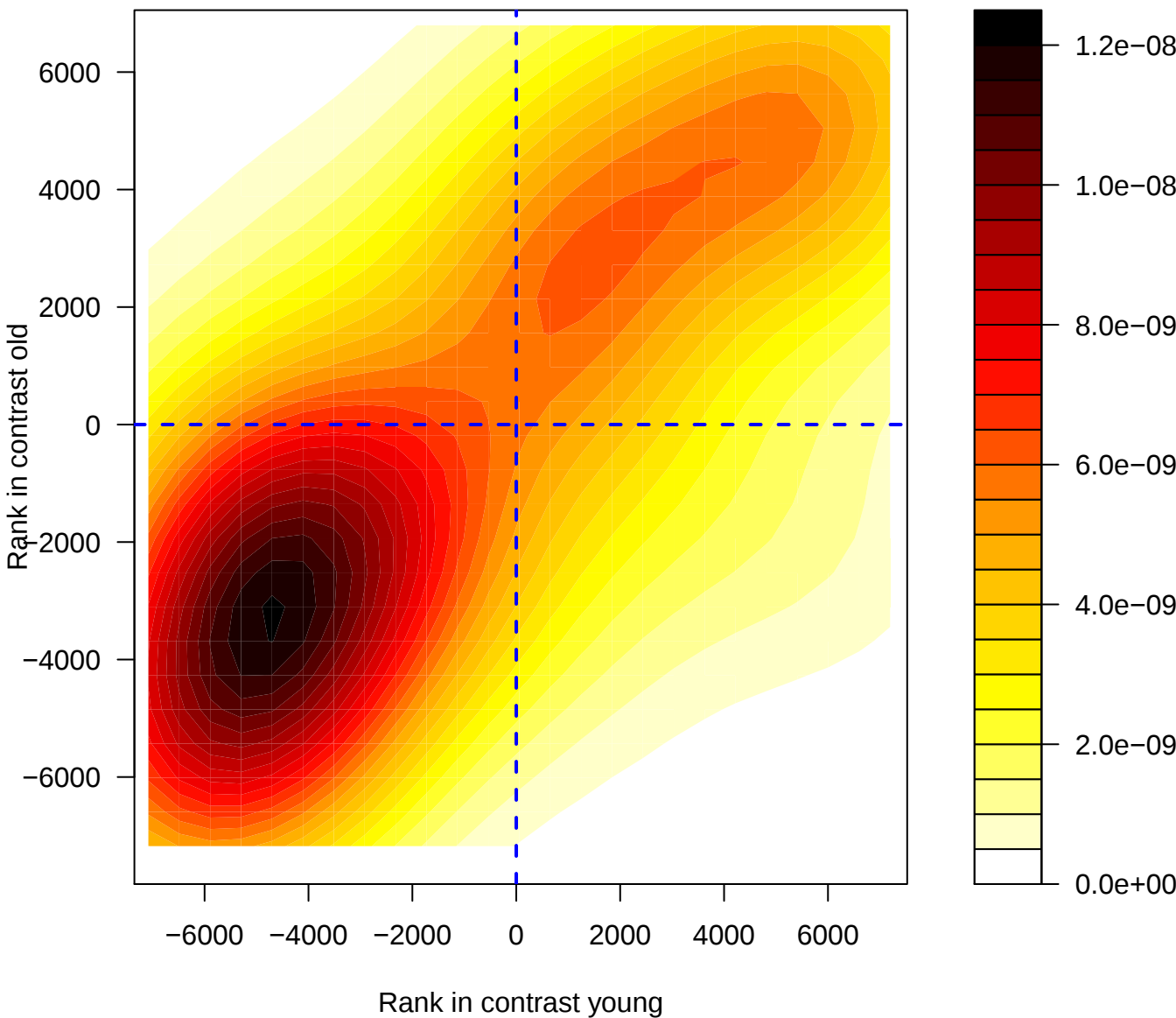
DARPP-32-events



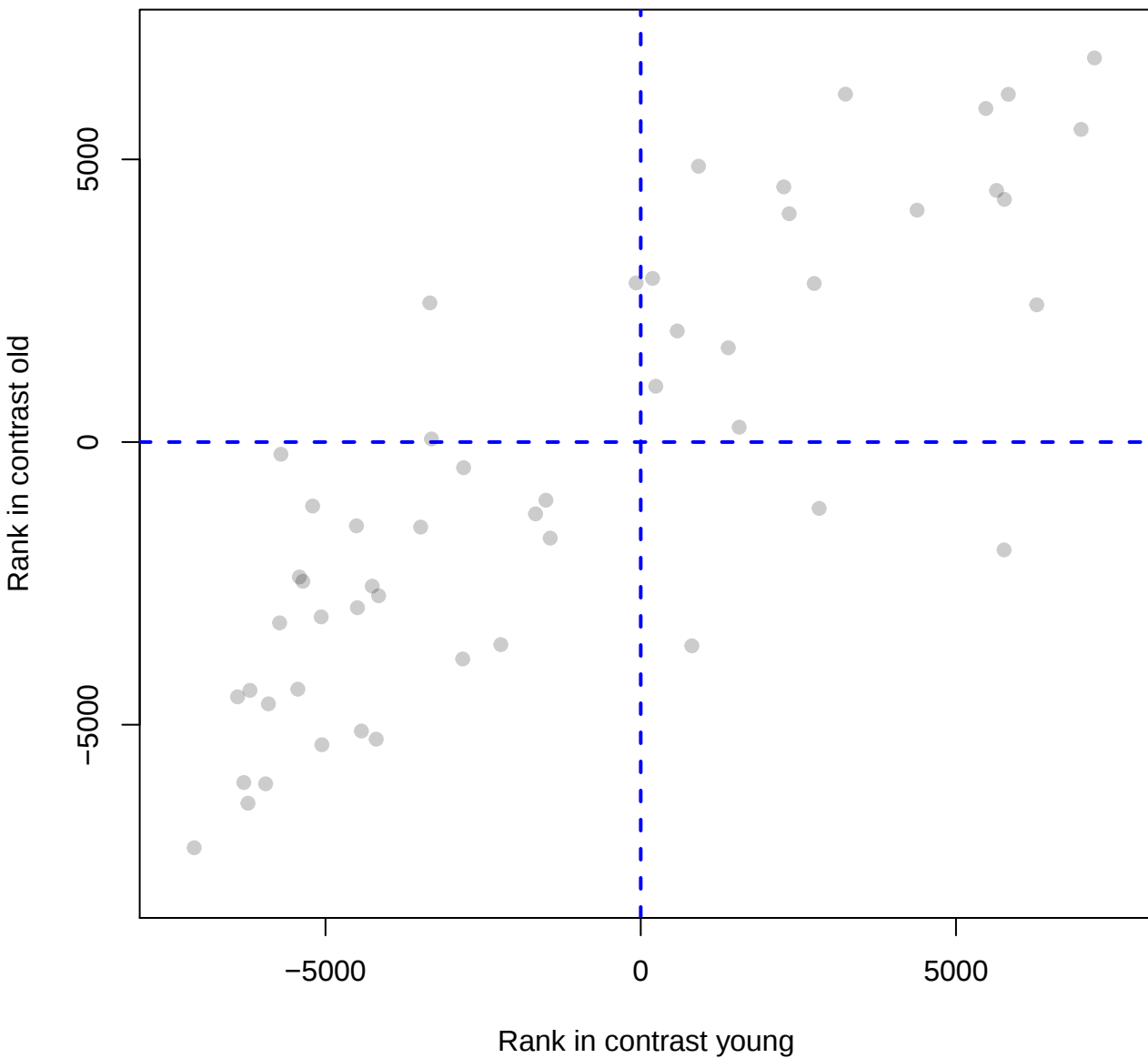
DARPP-32-events



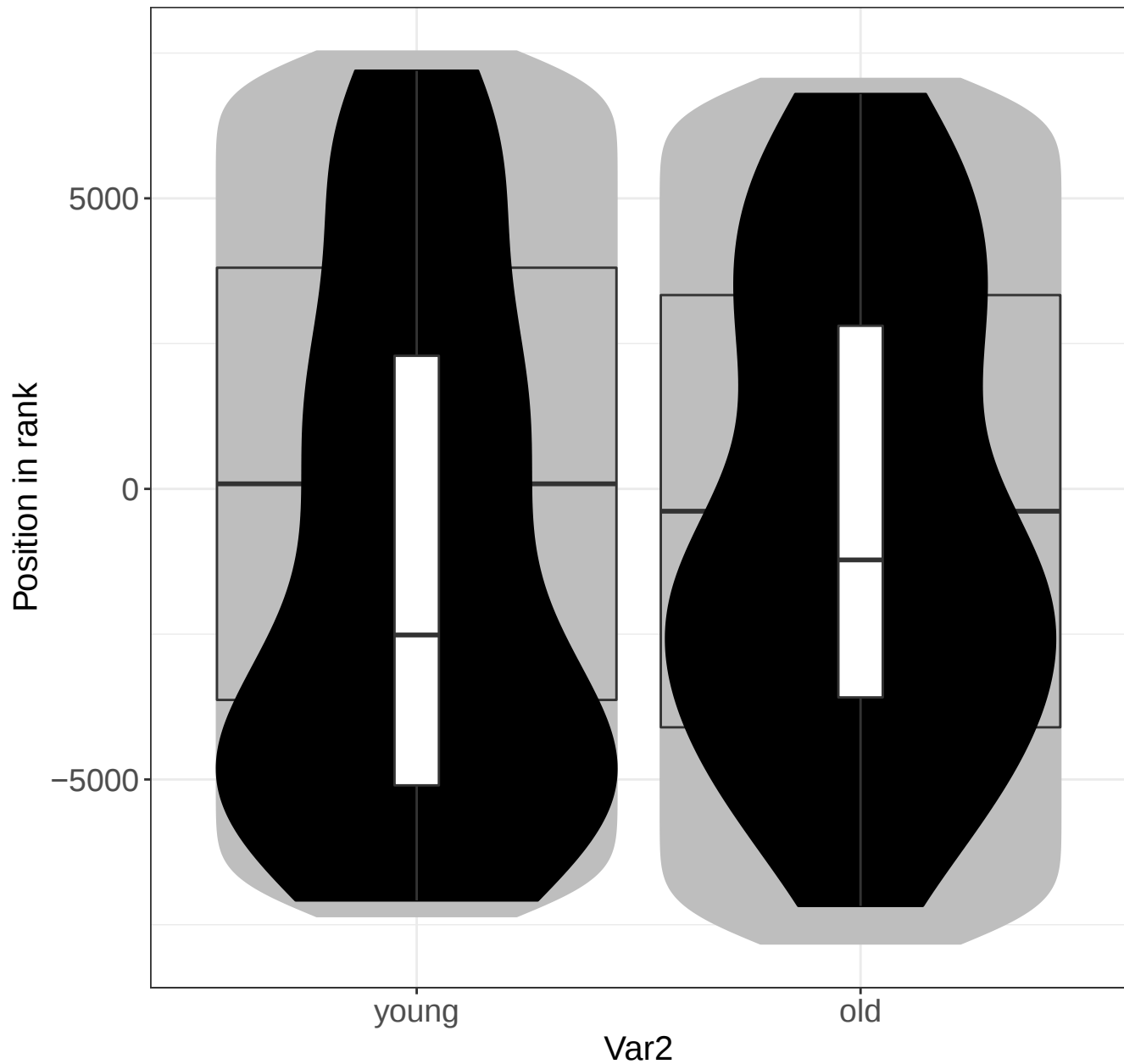
Regulation-of-RUNX3-expression-and-activity



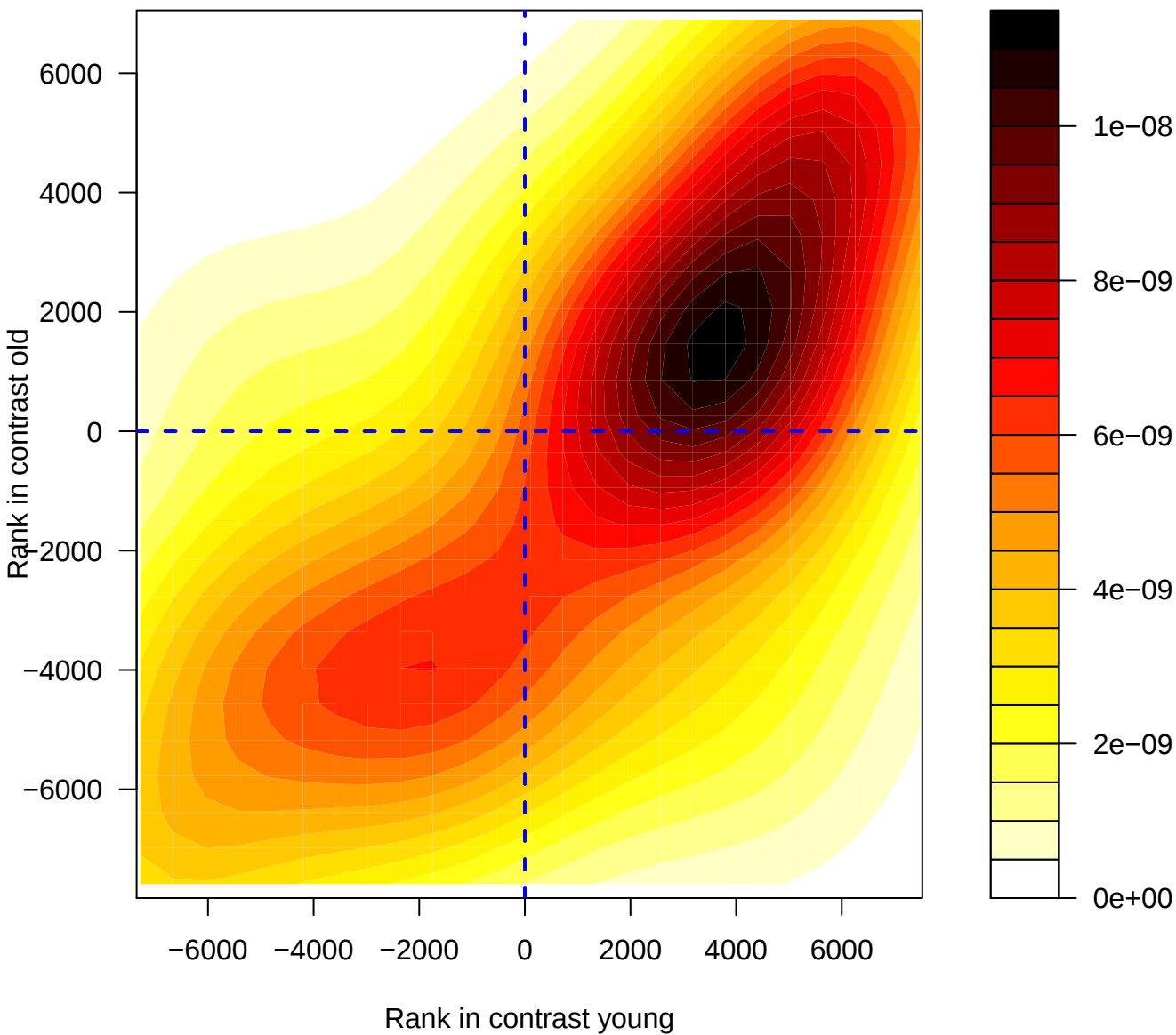
Regulation-of-RUNX3-expression-and-activity



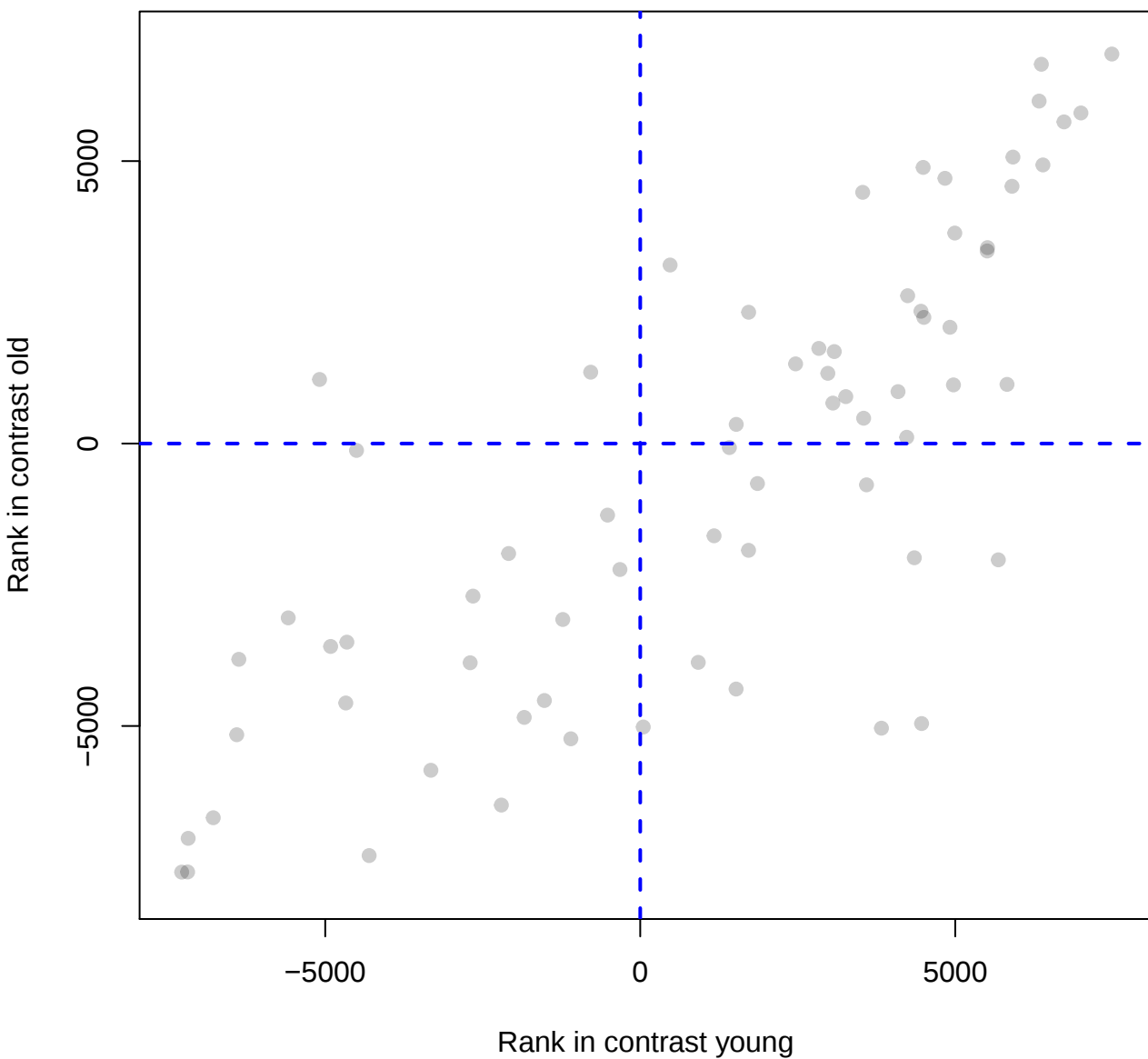
Regulation-of-RUNX3-expression-and-activity



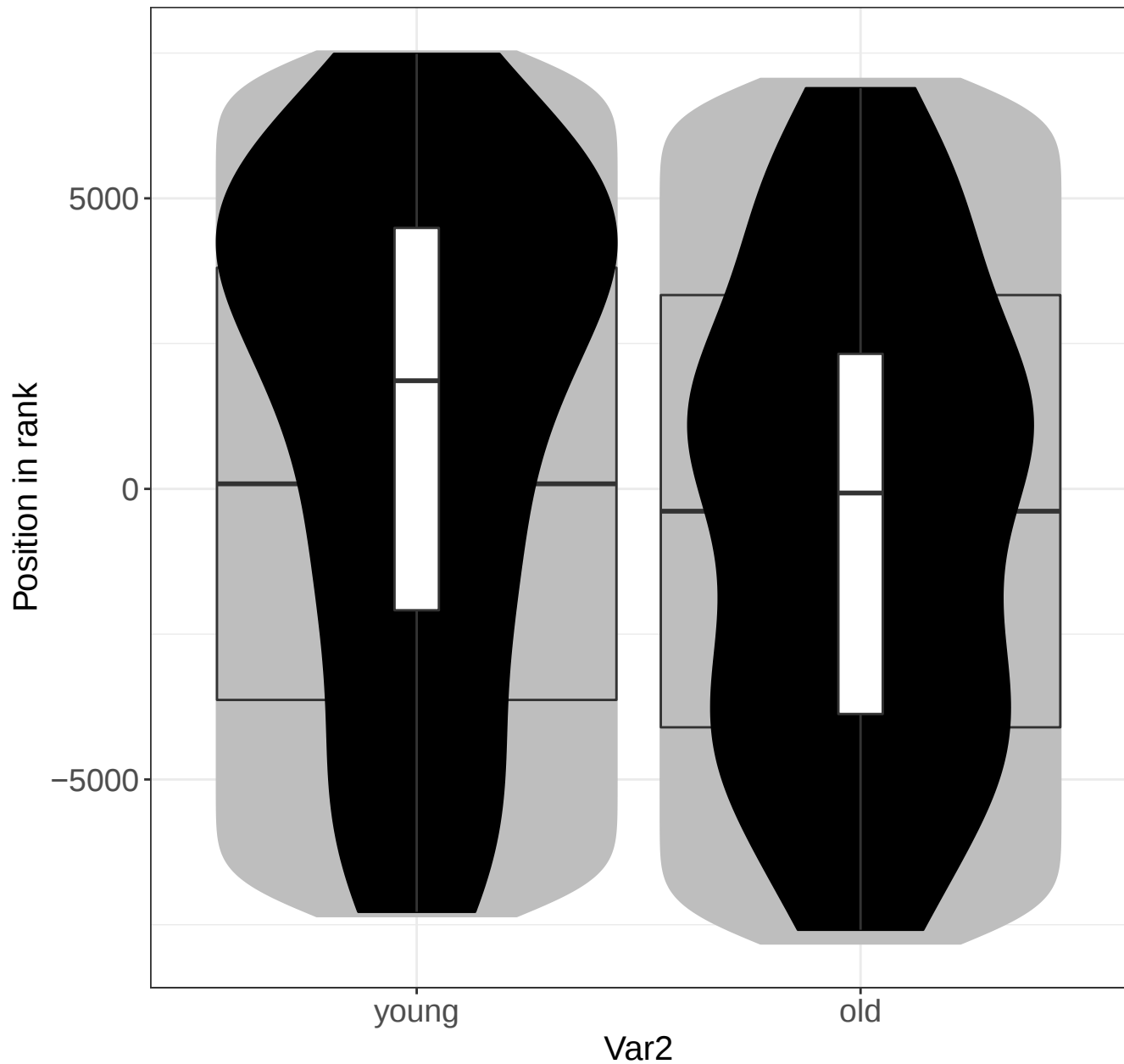
an-precursor-(dolichol-lipid-linked-oligosaccharide,-LLO)-



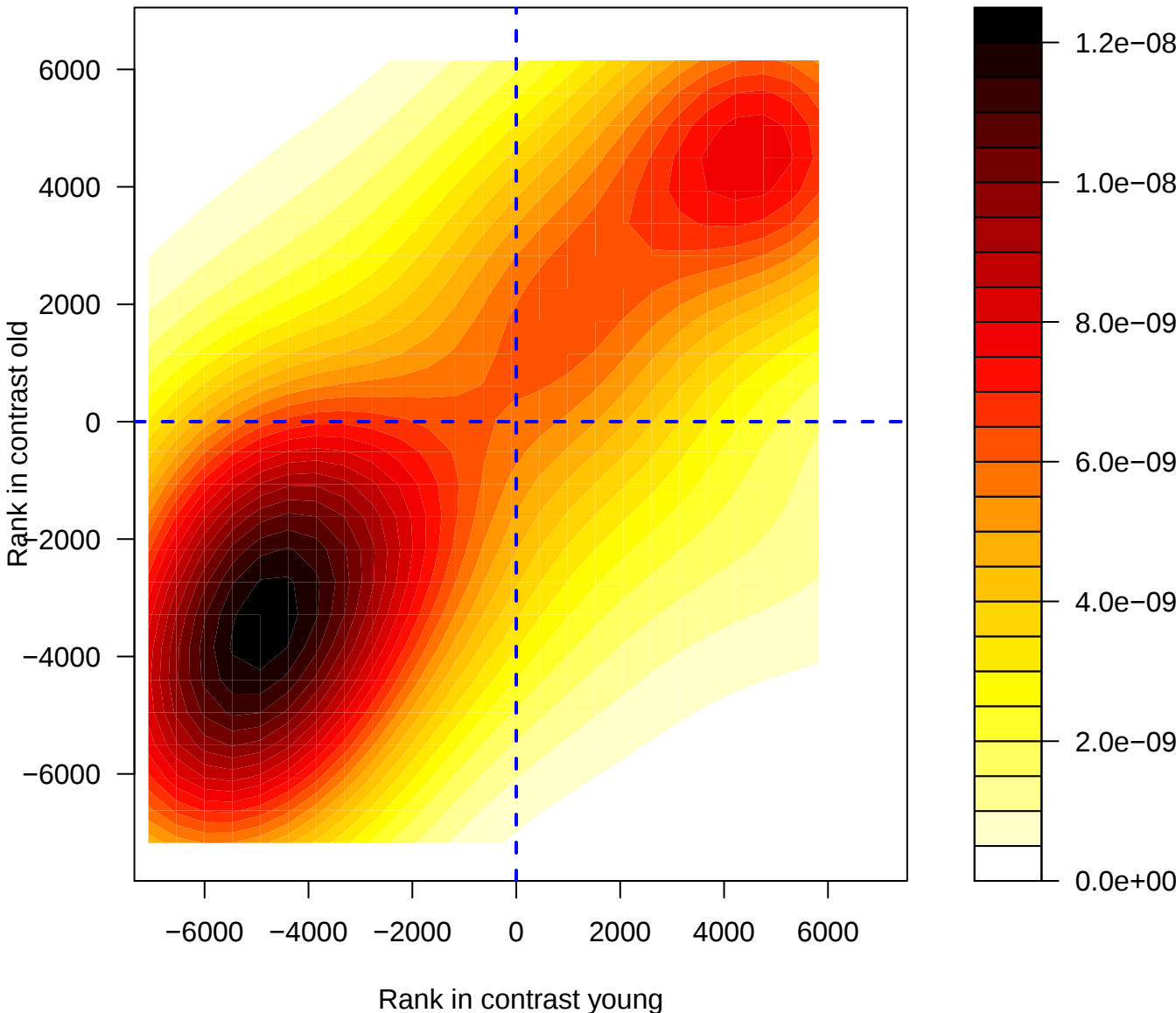
l-glycan-precursor-(dolichol-lipid-linked-oligosaccharide,-LLO)-and-tran



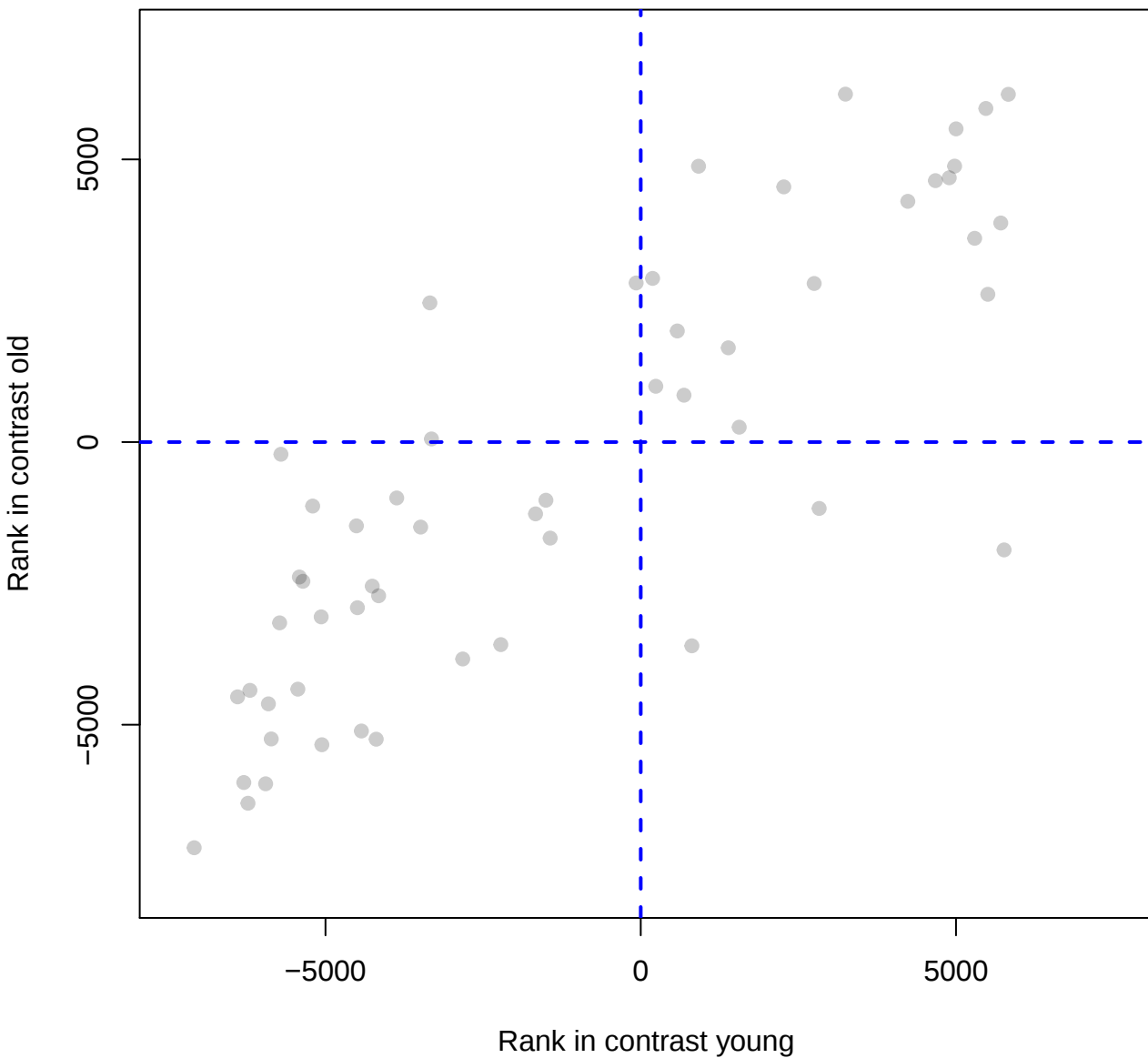
Biosynthesis-of-the-N-glycan-precursor-(dolich



The-role-of-GTSE1-in-G2/M-progression-after-G2-check



The-role-of-GTSE1-in-G2/M-progression-after-G2-checkpoint



The-role-of-GTSE1-in-G2/M-progression-after

