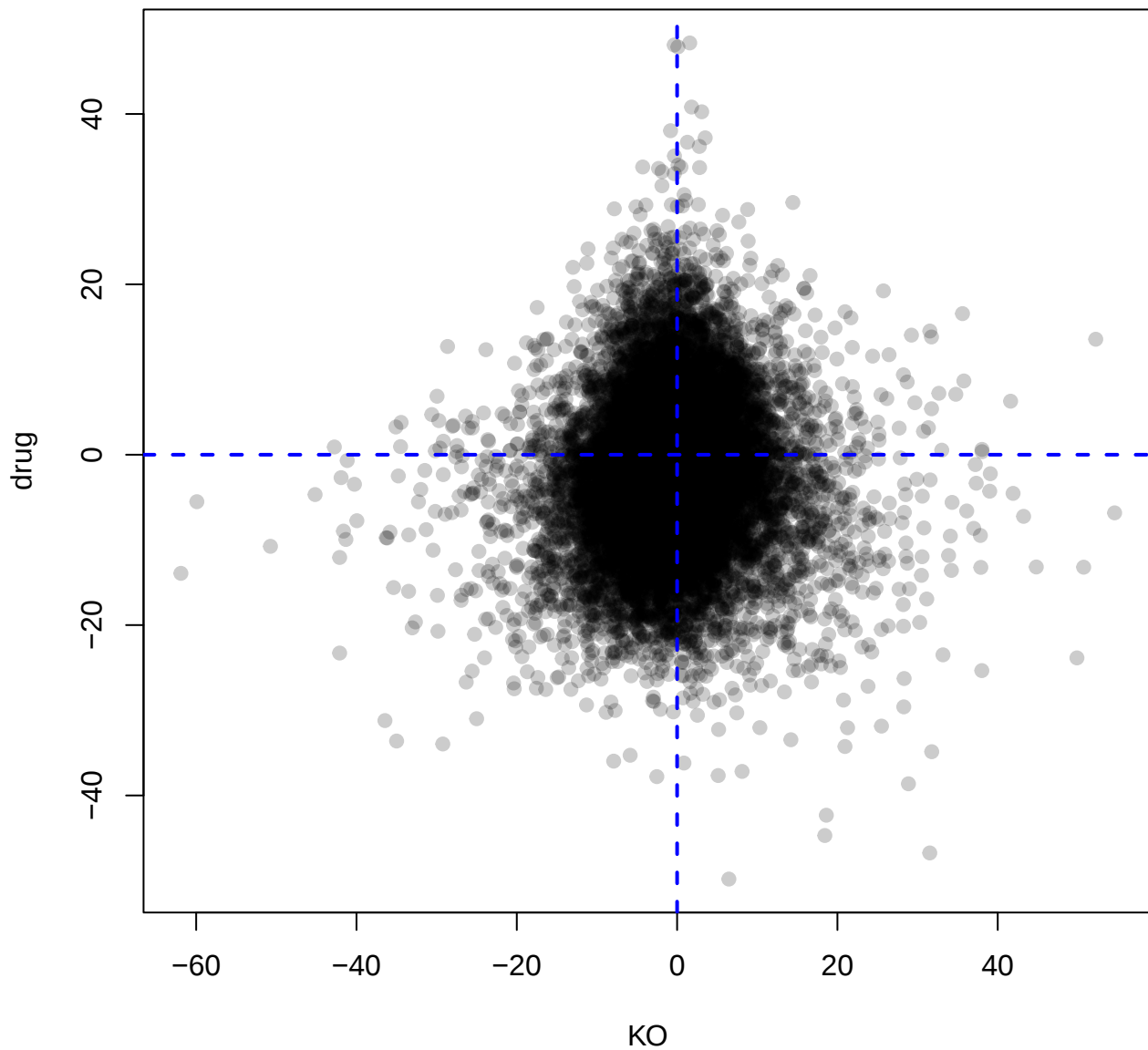
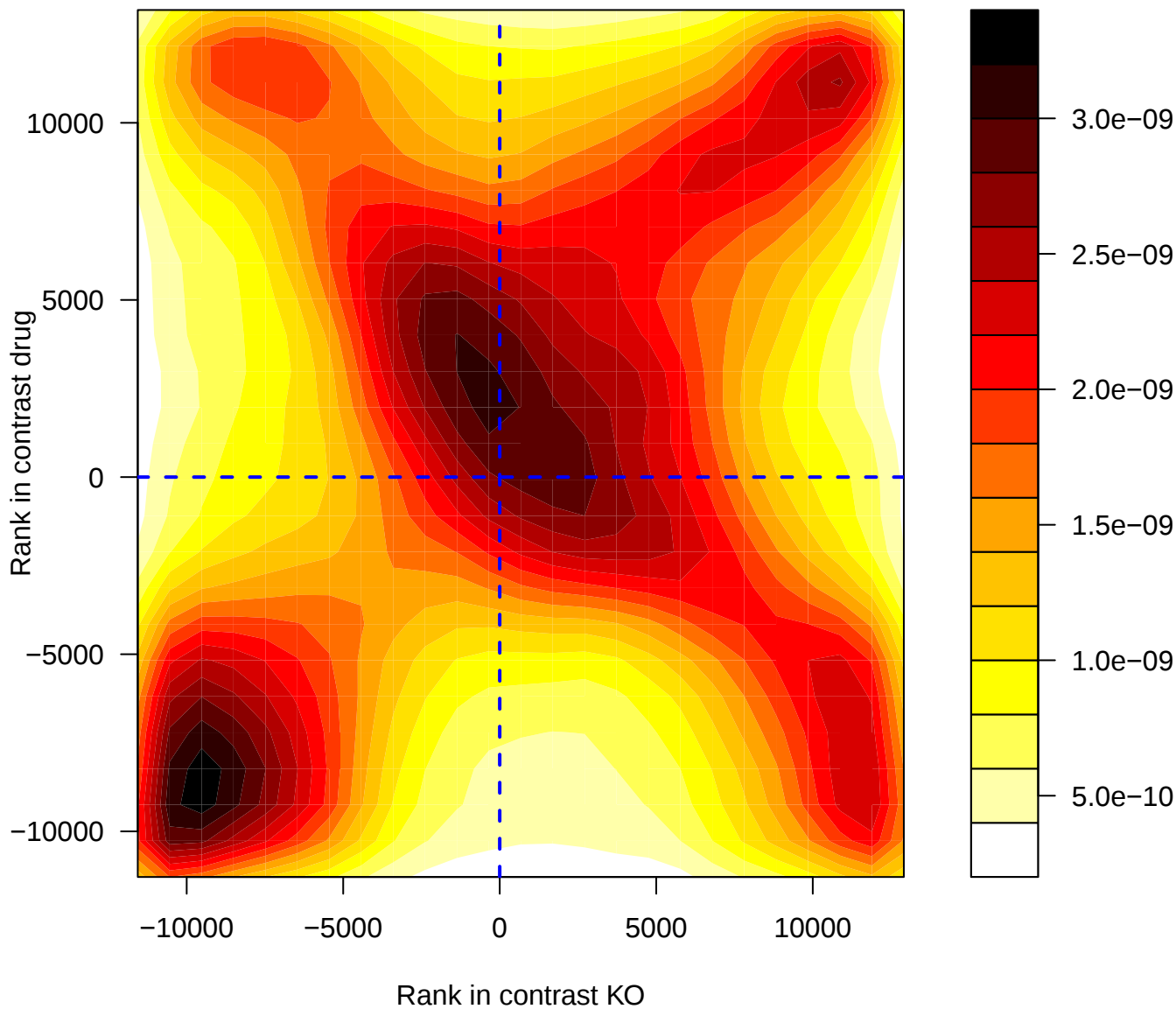


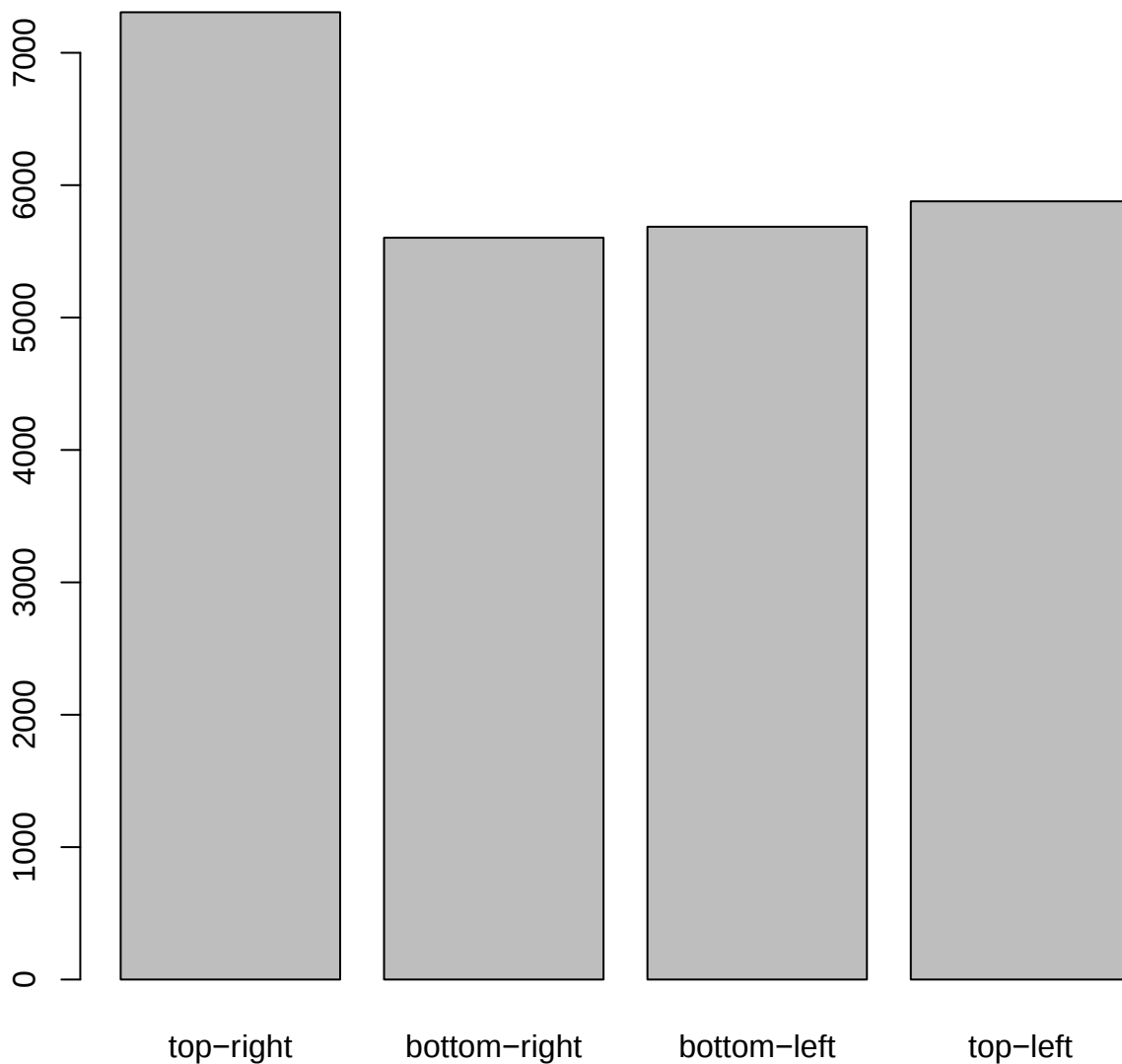
Scatterplot of all genes



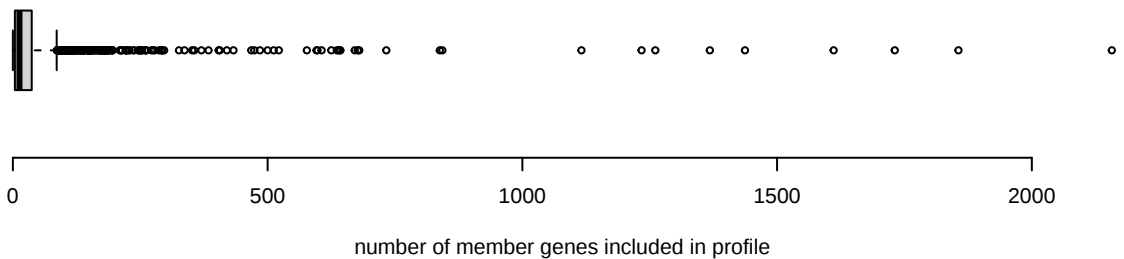
Rank-rank plot of all genes



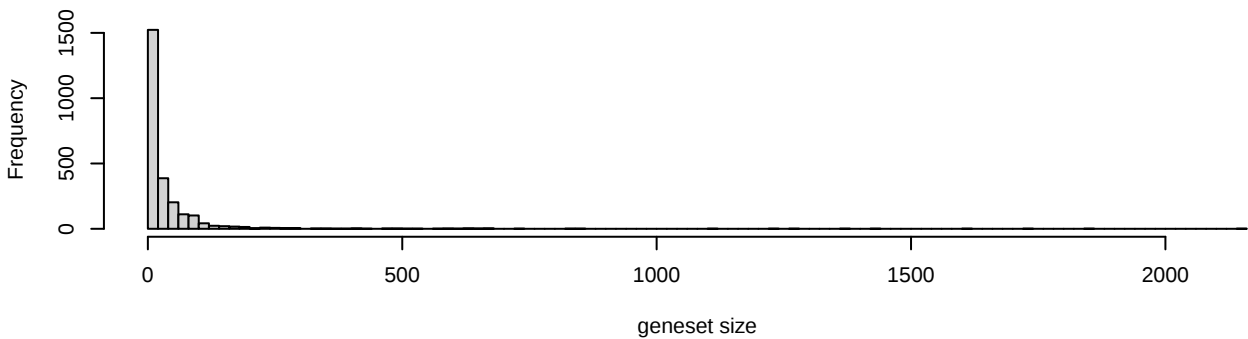
number of genes in each quadrant



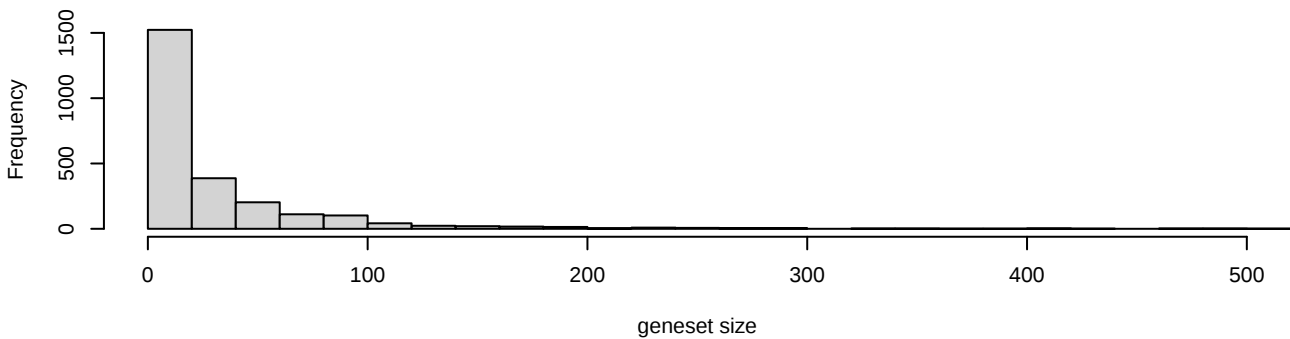
Gene set size



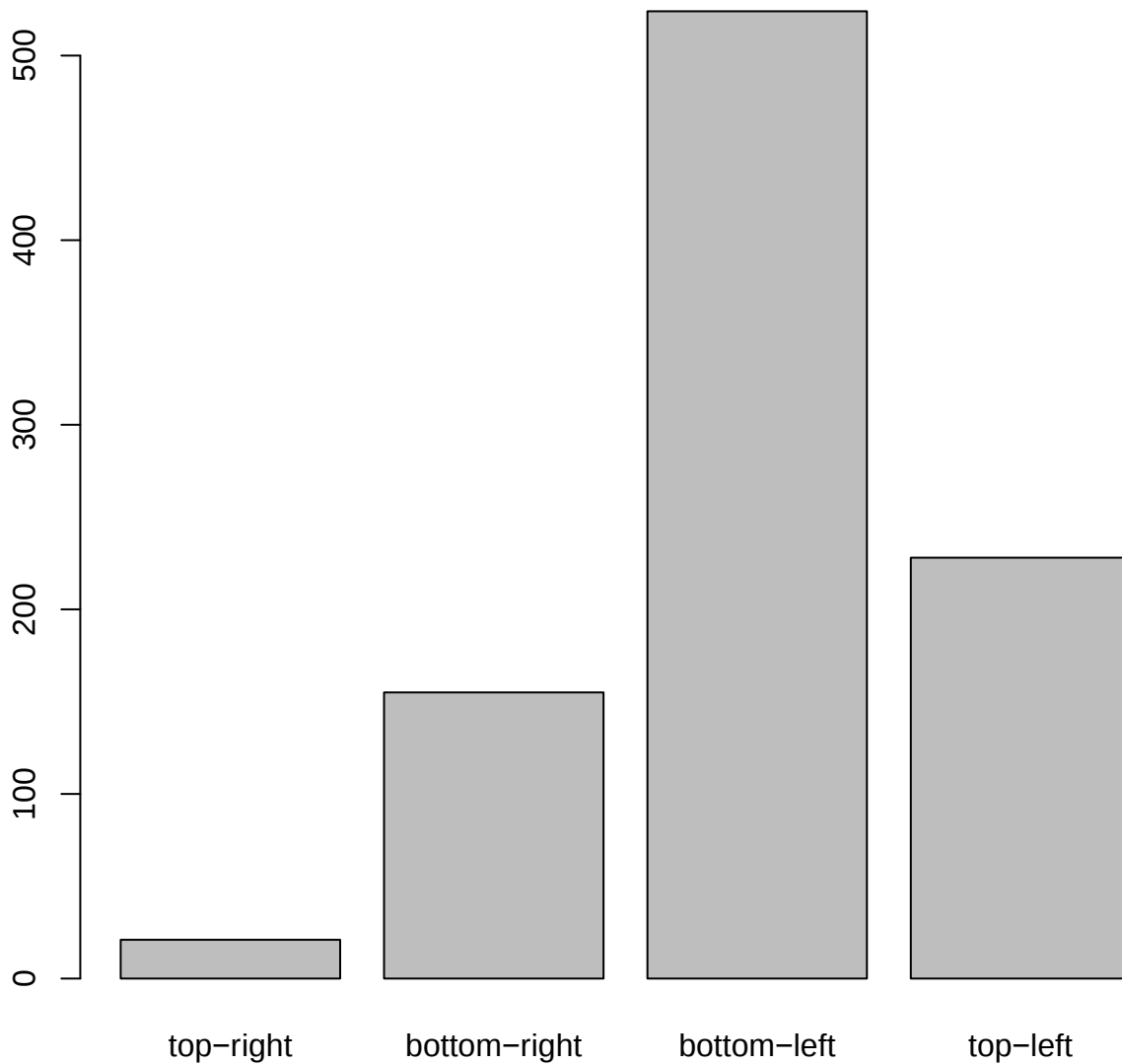
Histogram of geneset size



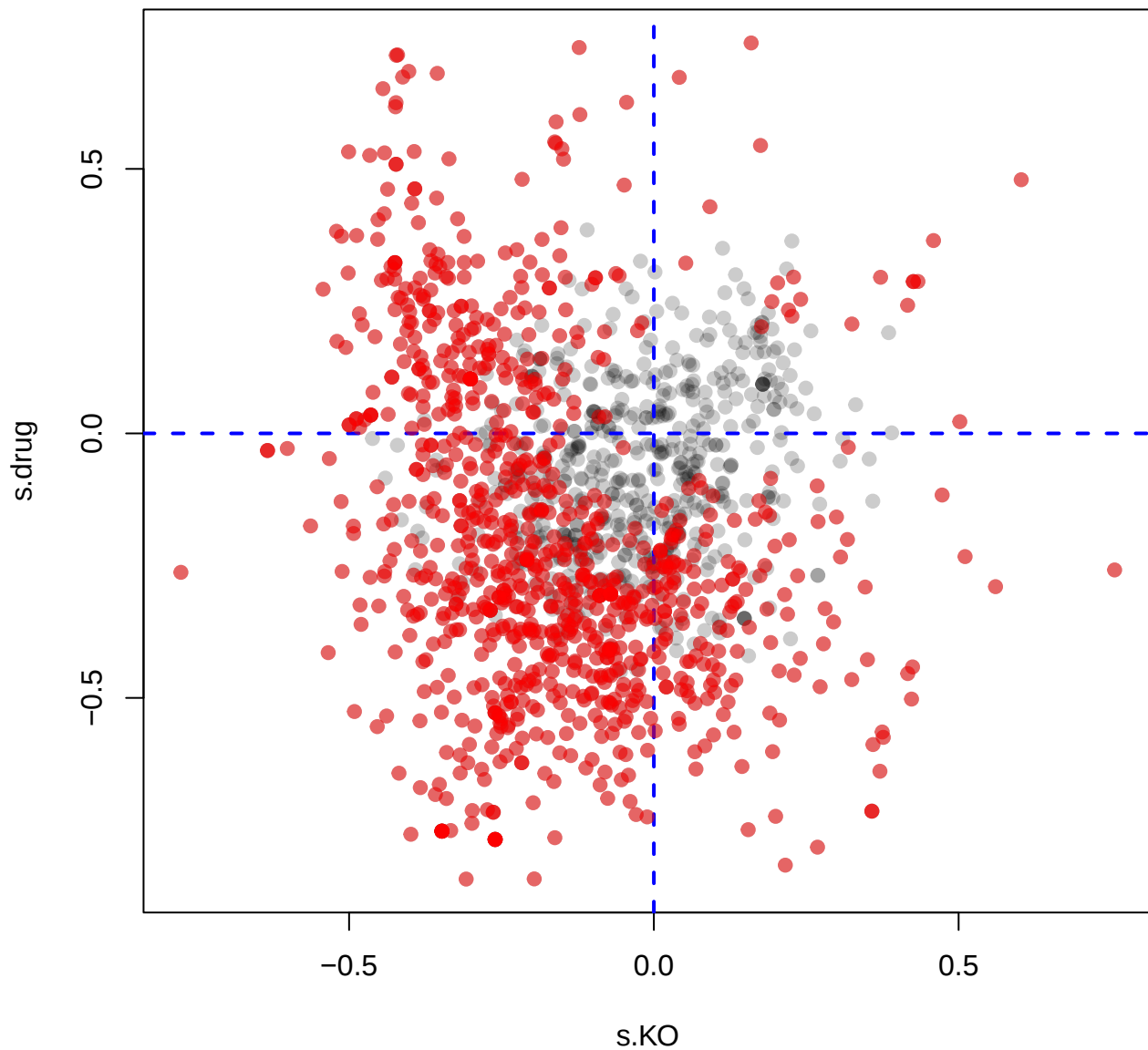
Trimmed histogram of geneset size



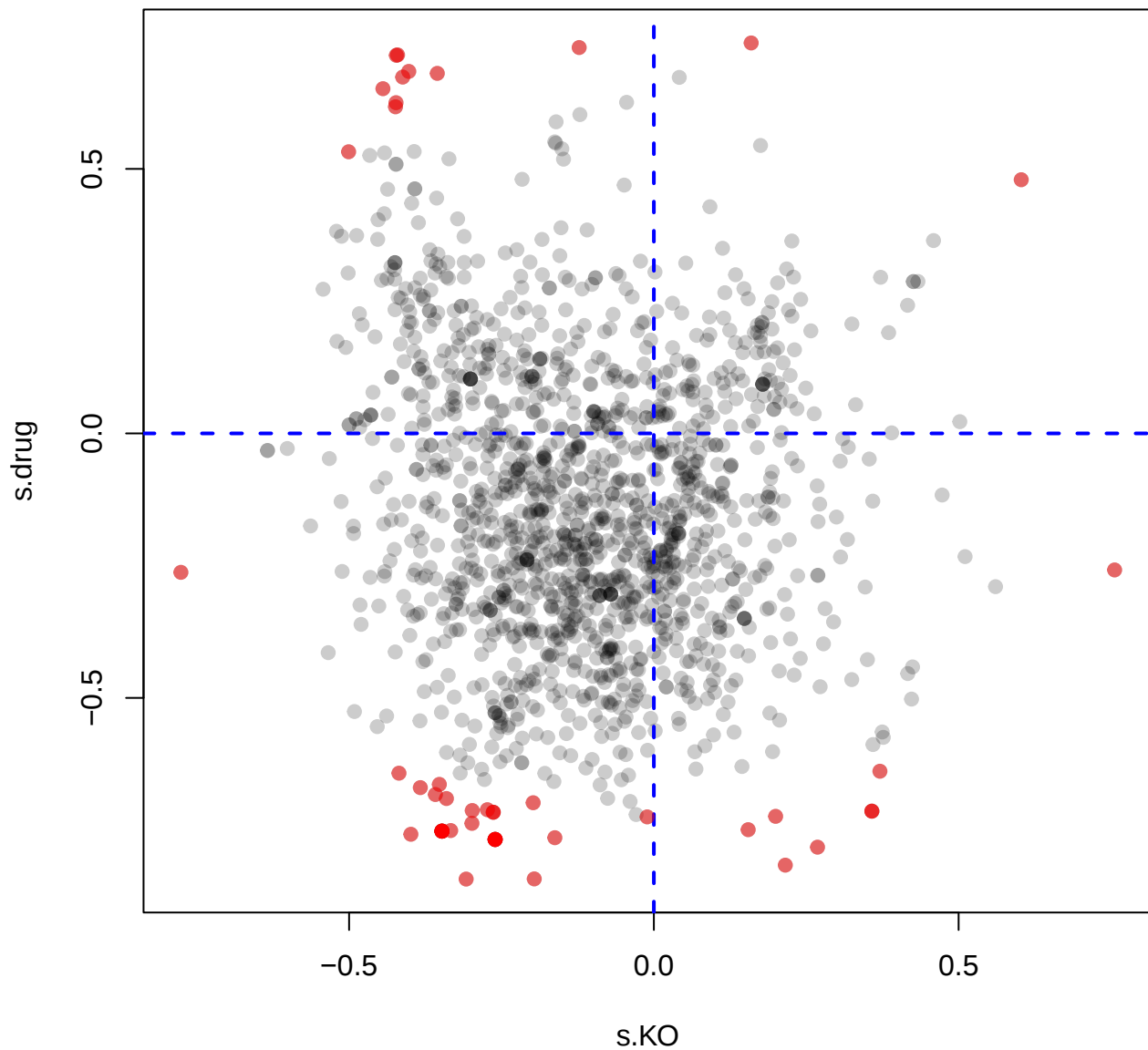
number of genesets FDR<0.05



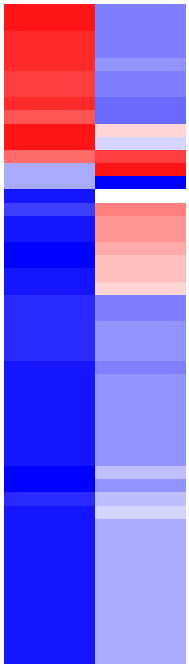
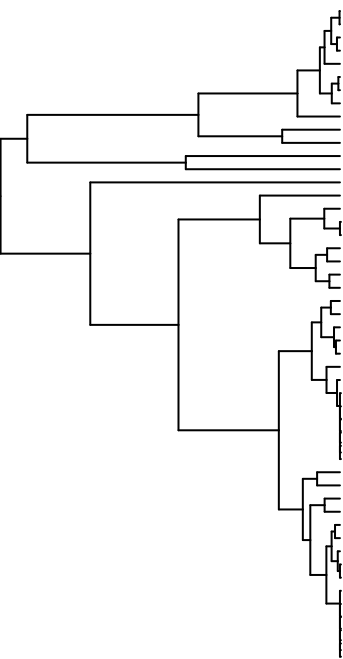
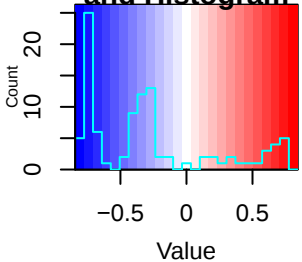
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 50 in red



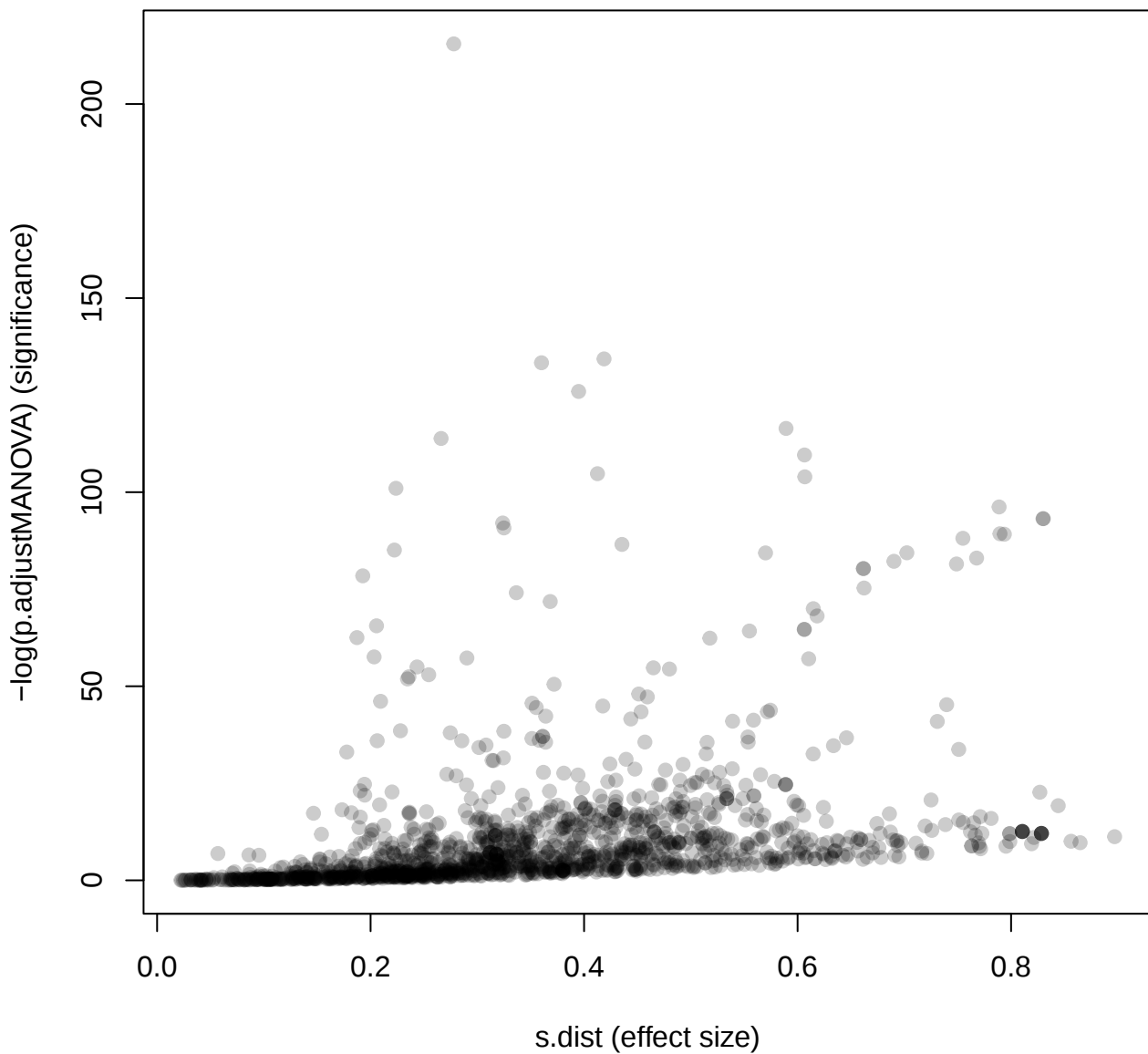
Color Key
and Histogram



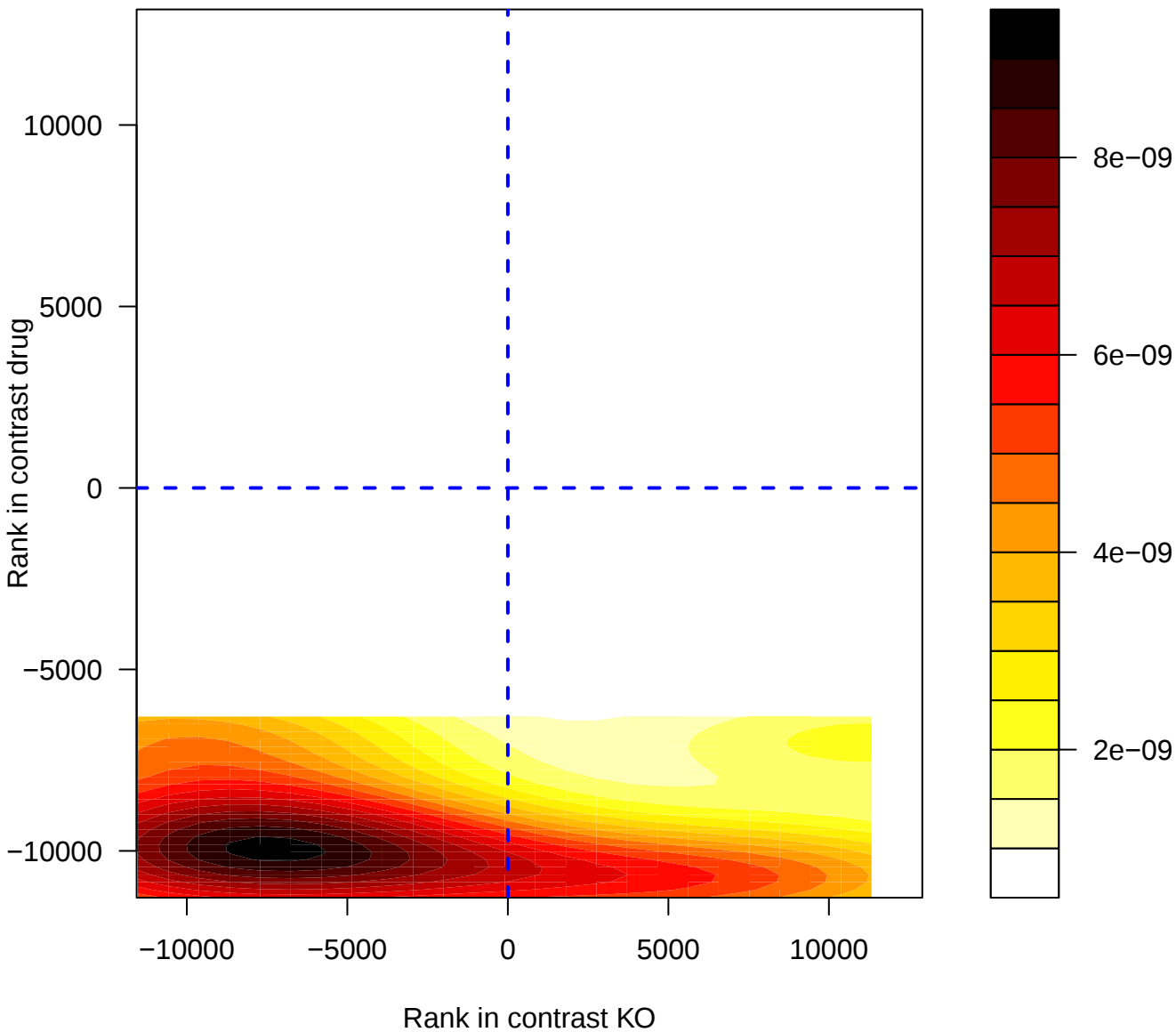
drug
KO

- Peptide chain elongation
- Eukaryotic Translation Elongation
- Response of EIF2AK4 (GCN2) to amino acid deficiency
- Formation of a pool of free 40S subunits
- tRNA processing in the mitochondrion
- Unwinding of DNA
- Receptor Mediated Mitophagy
- Defective B4GALT7 causes EDS, progeroid type
- Defective EXT1 causes exostoses 1, TRPS2 and CHDS
- Syndecan interactions
- MET activates PTK2 signaling
- Cell-extracellular matrix interactions
- Activation of RAC1
- MET activates RAP1 and RAC1
- Truncations of AMER1 destabilize the destruction complex
- Signaling by APC mutants
- AXIN missense mutants destabilize the destruction complex
- Cohesin Loading onto Chromatin
- Signaling by PDGFR in disease
- Synthesis of PIPs at the early endosome membrane
- Beta-catenin phosphorylation cascade
- Signaling by PDGFRA extracellular domain mutants
- Signaling by GSK3beta mutants
- S45 mutants of beta-catenin aren't phosphorylated
- S33 mutants of beta-catenin aren't phosphorylated

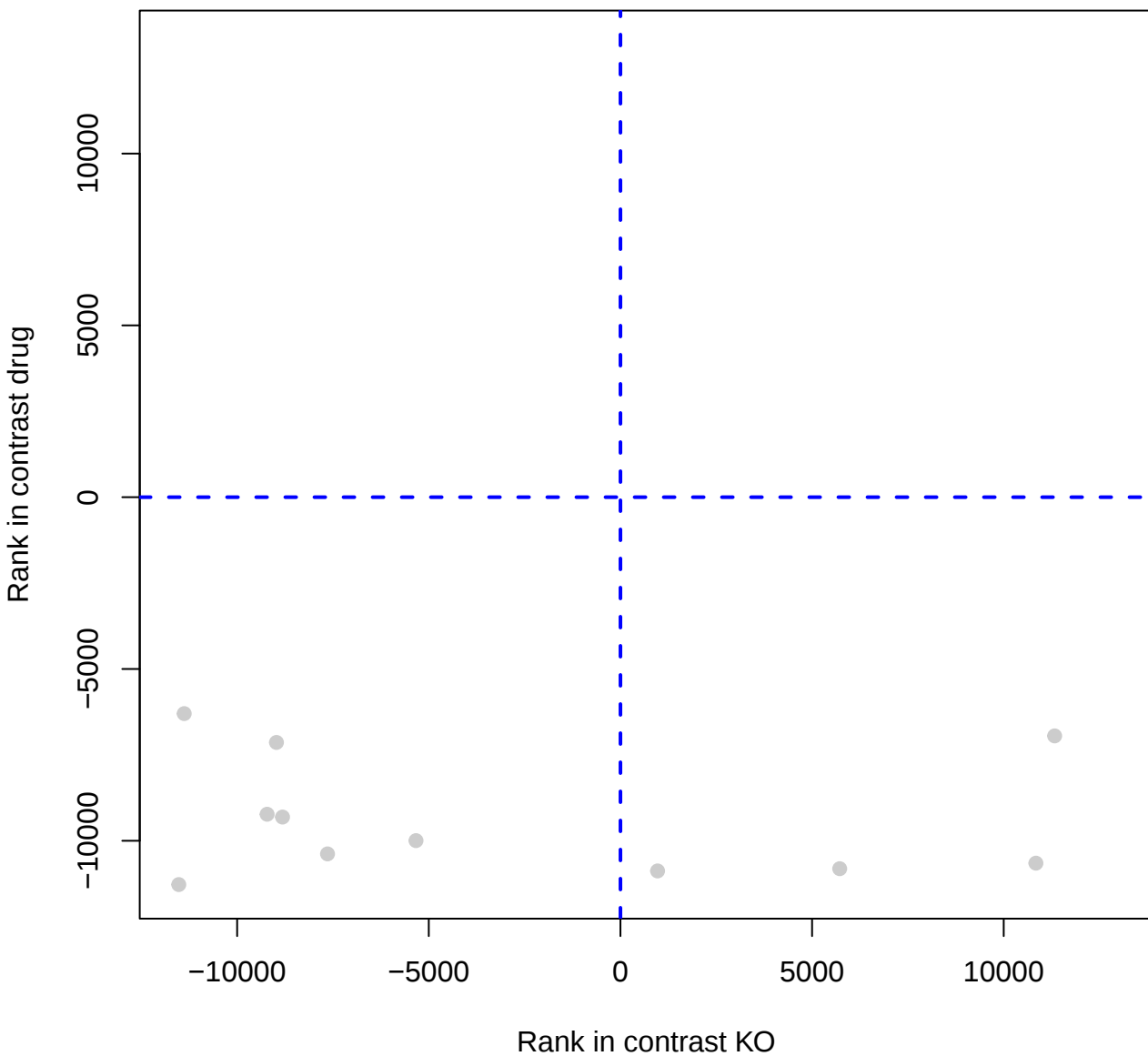
effect size versus statistical significance



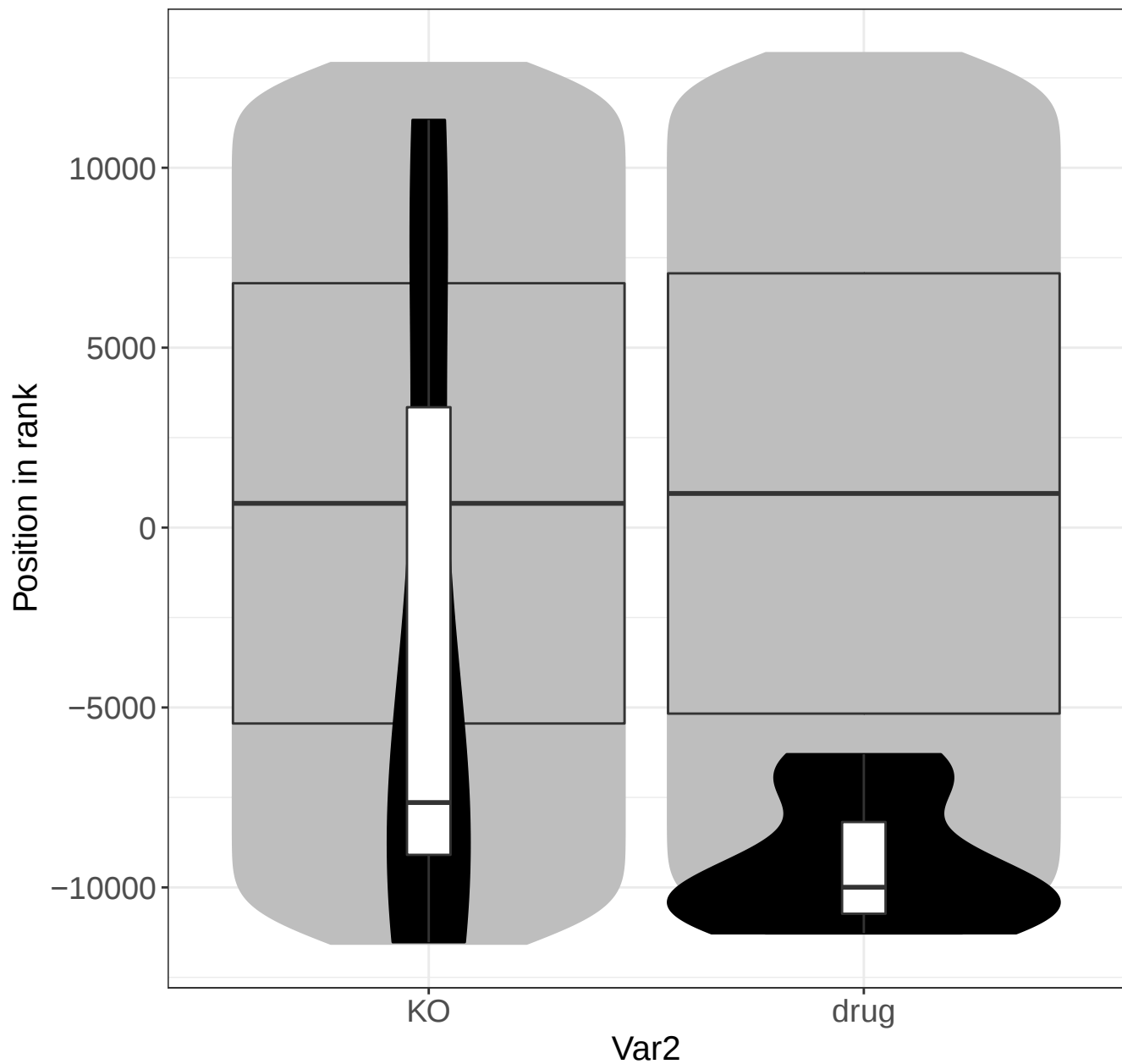
CLEC7A (Dectin-1) induces NFAT activation



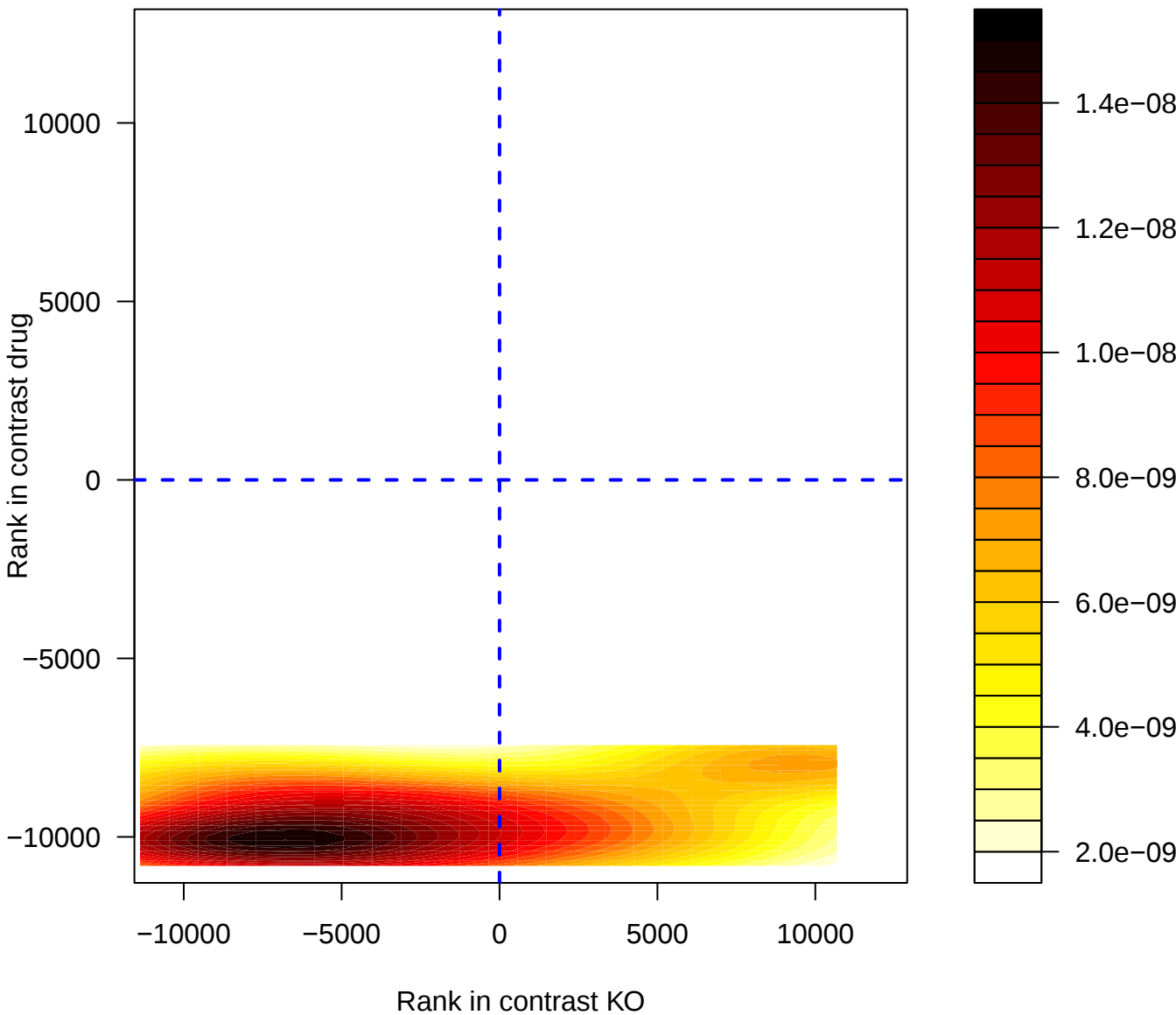
CLEC7A (Dectin-1) induces NFAT activation



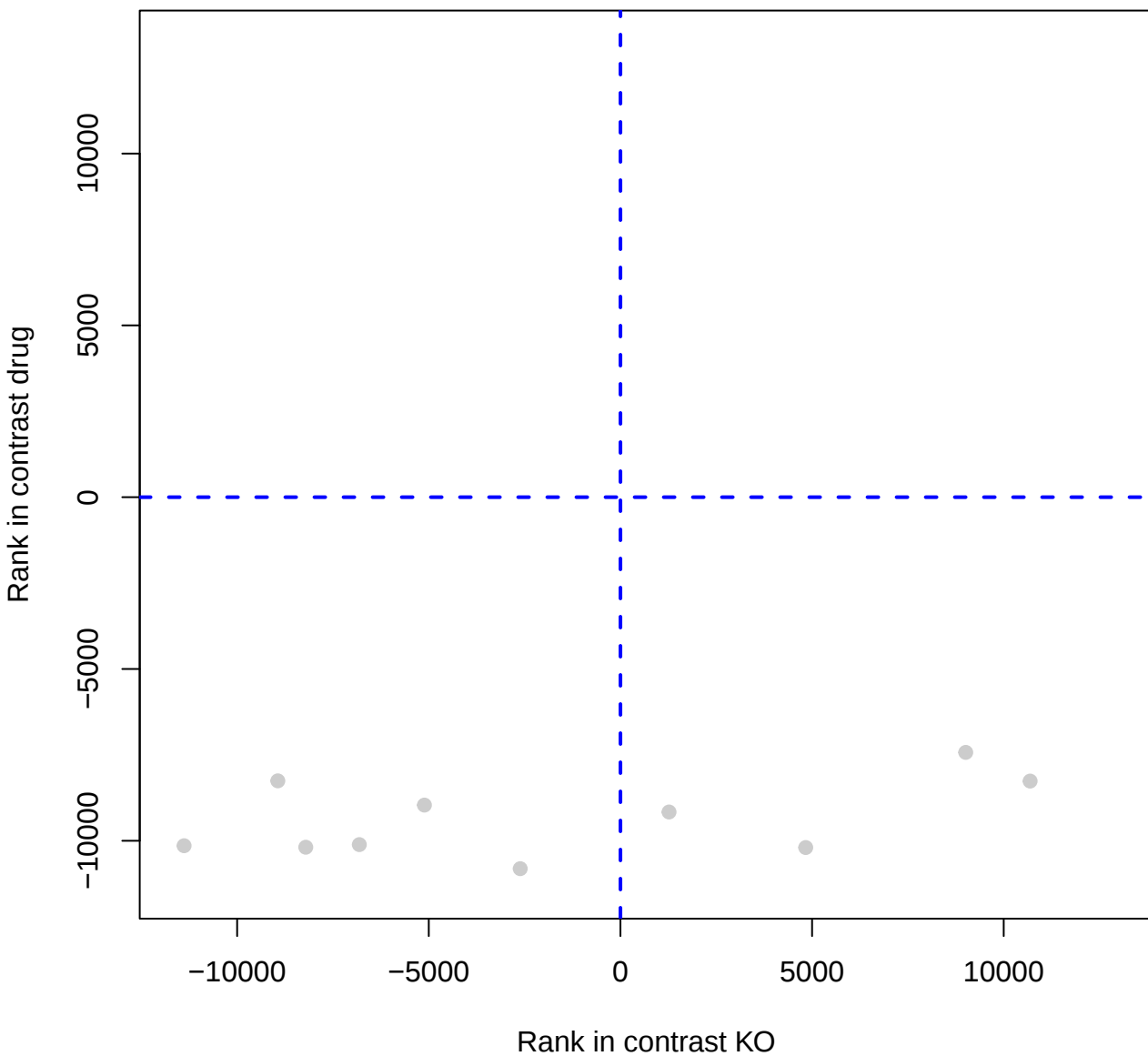
CLEC7A (Dectin-1) induces NFAT activation



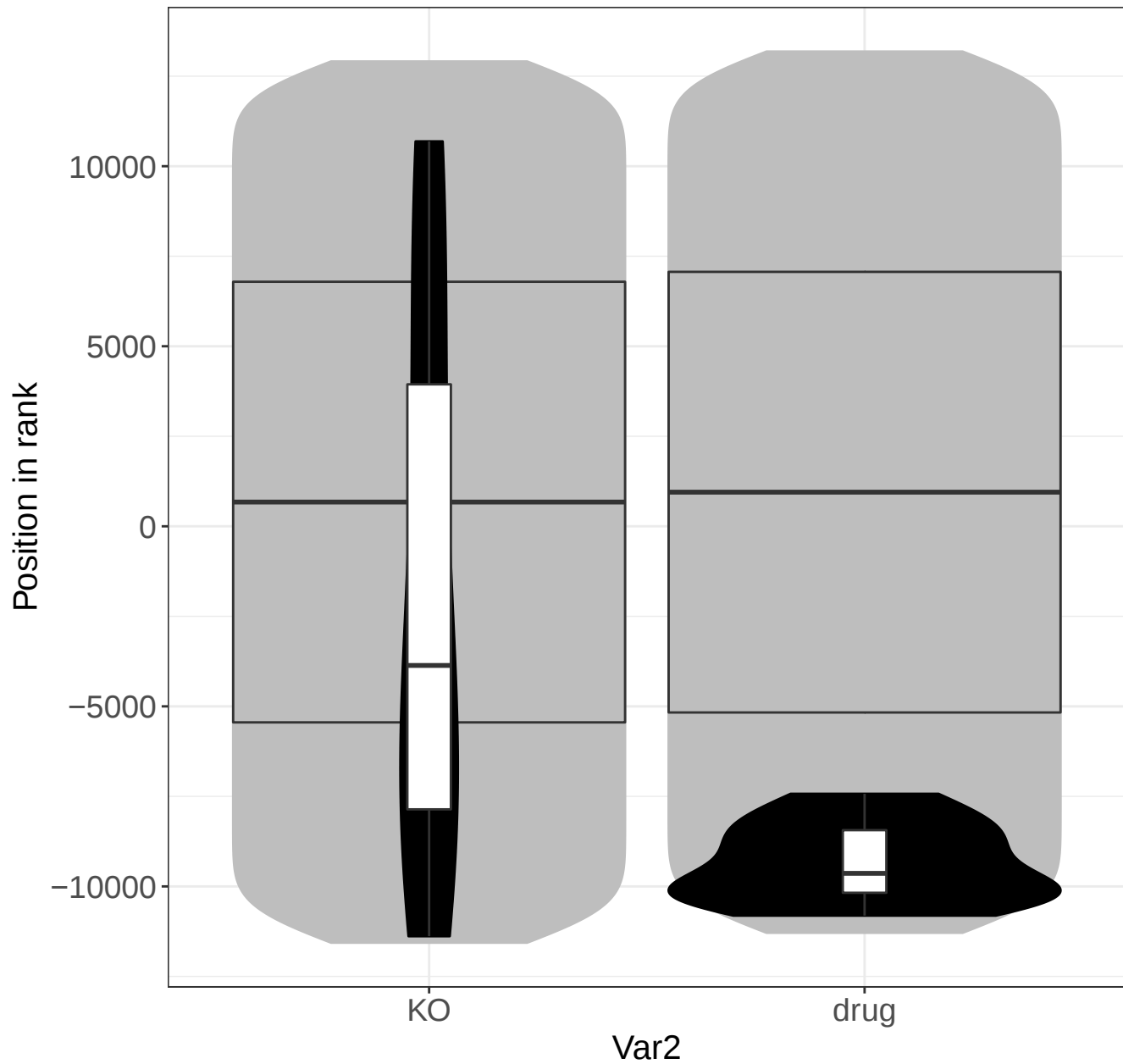
Cohesin Loading onto Chromatin



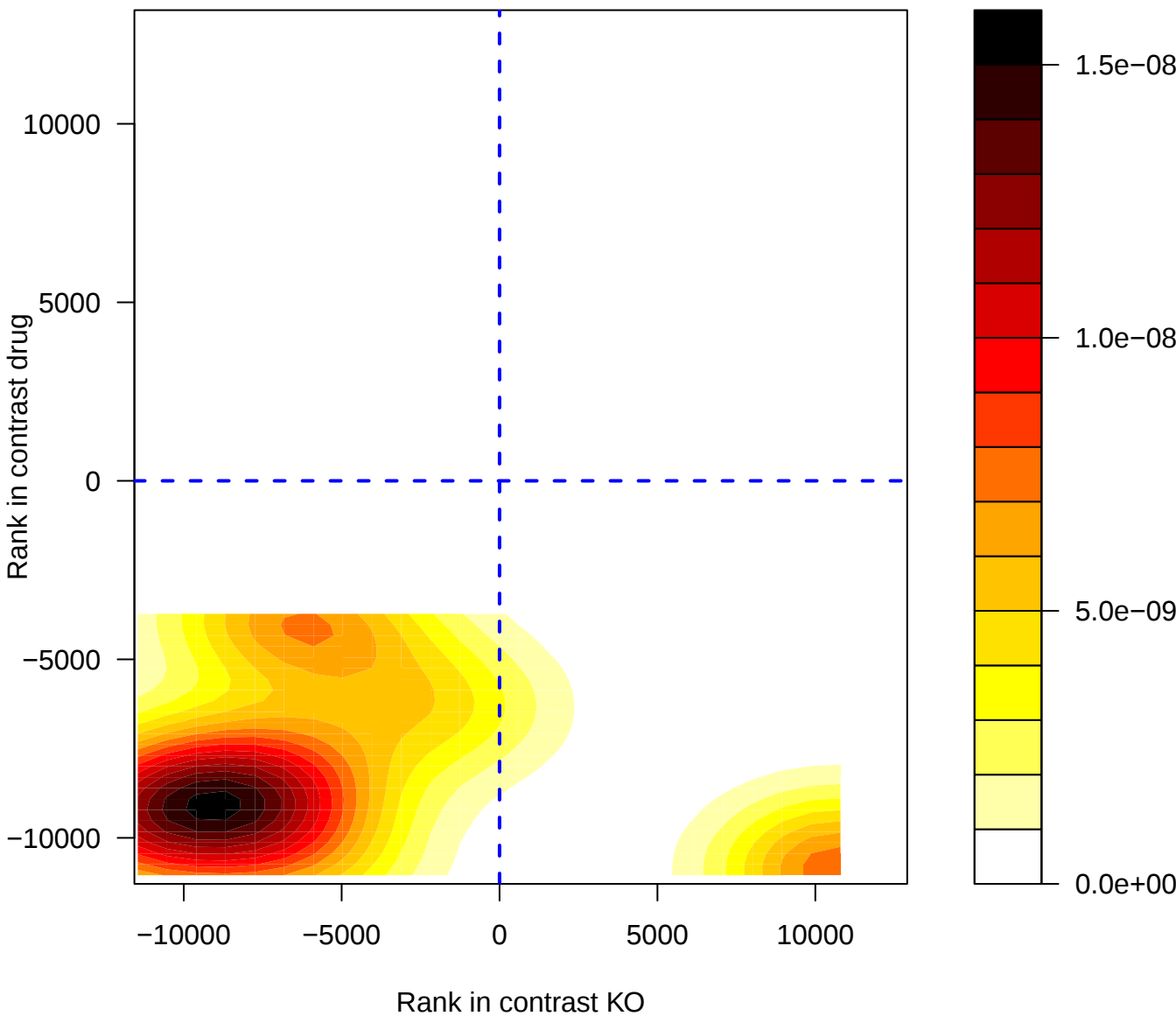
Cohesin Loading onto Chromatin



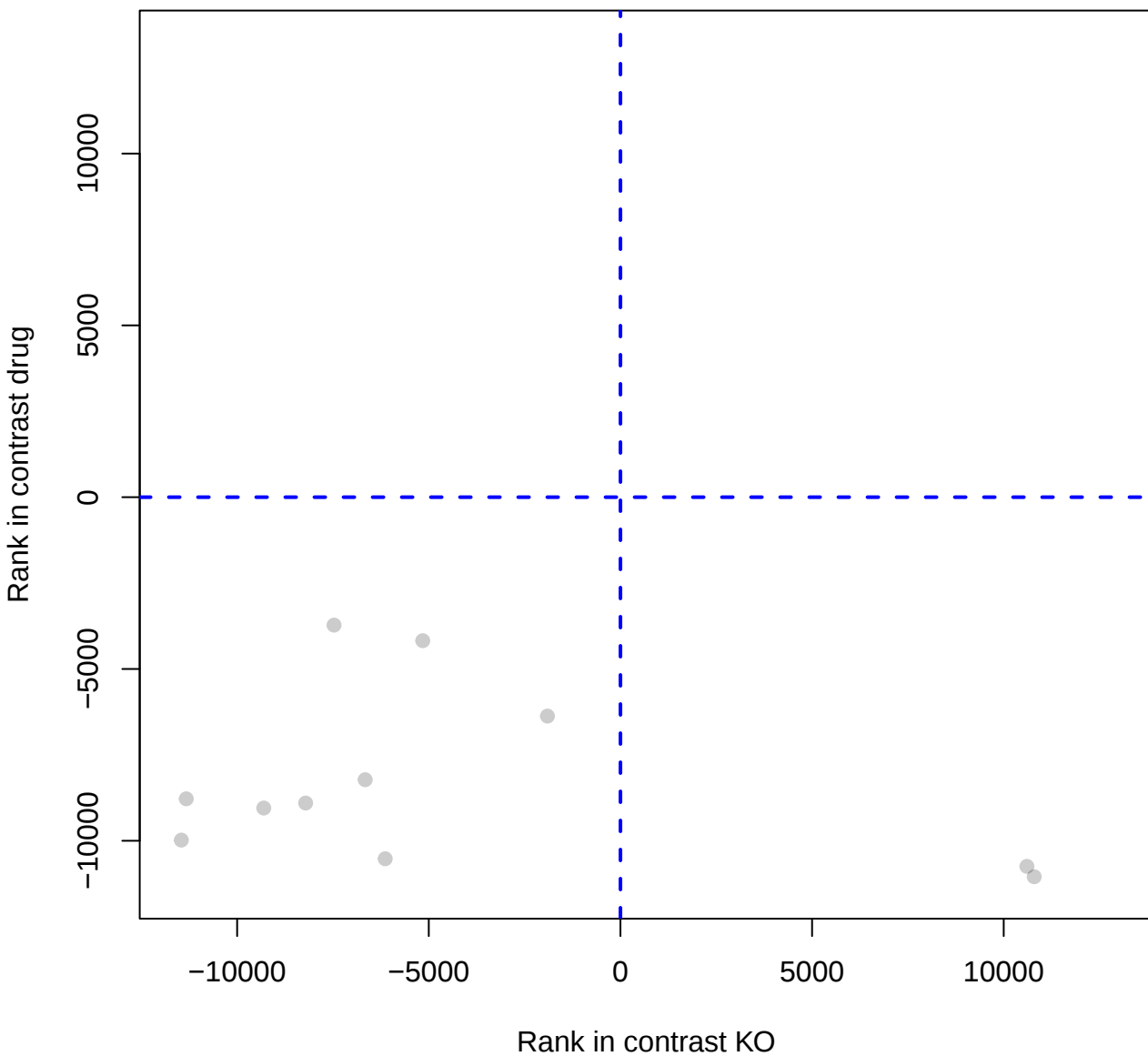
Cohesin Loading onto Chromatin



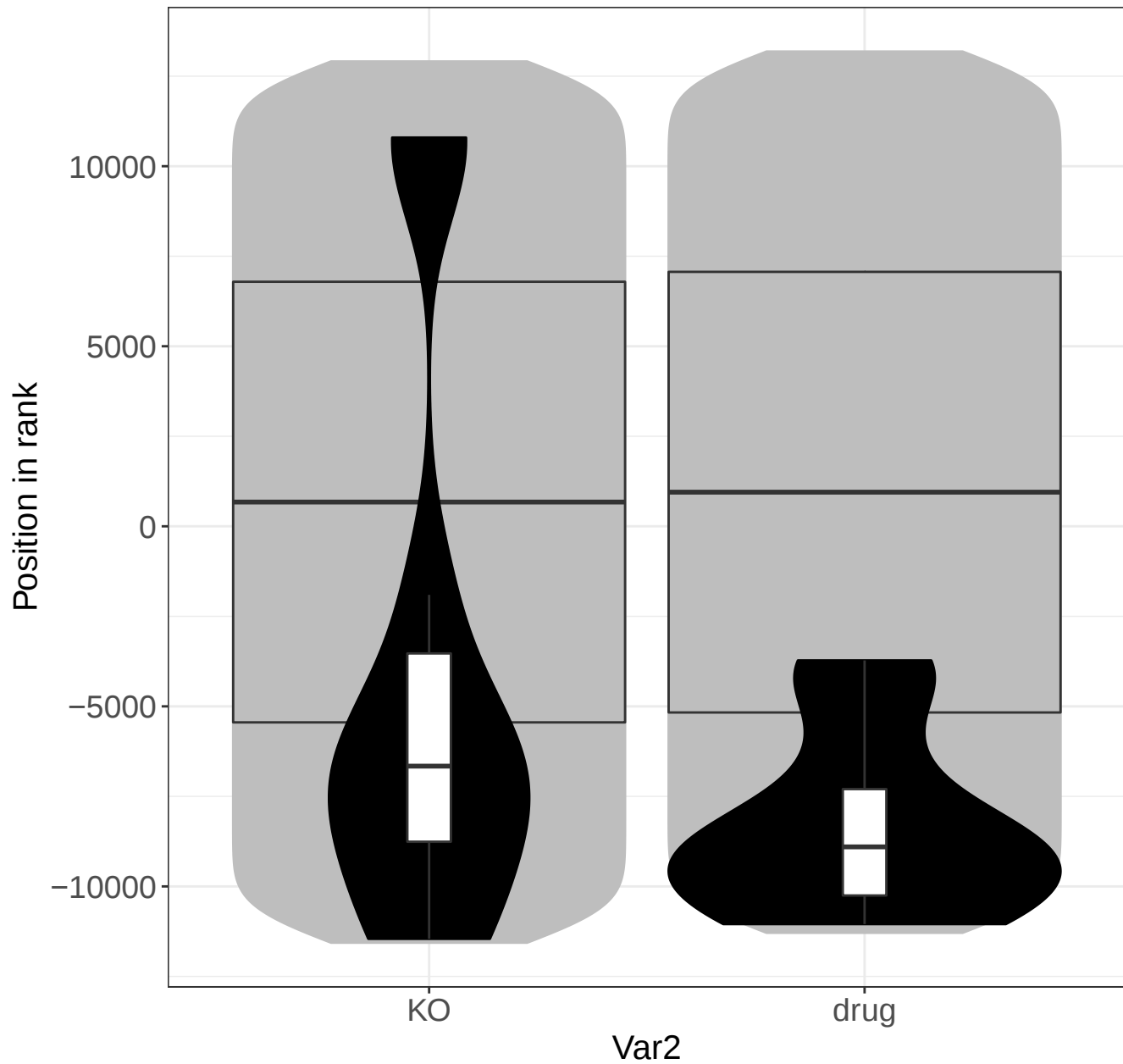
MET activates RAP1 and RAC1



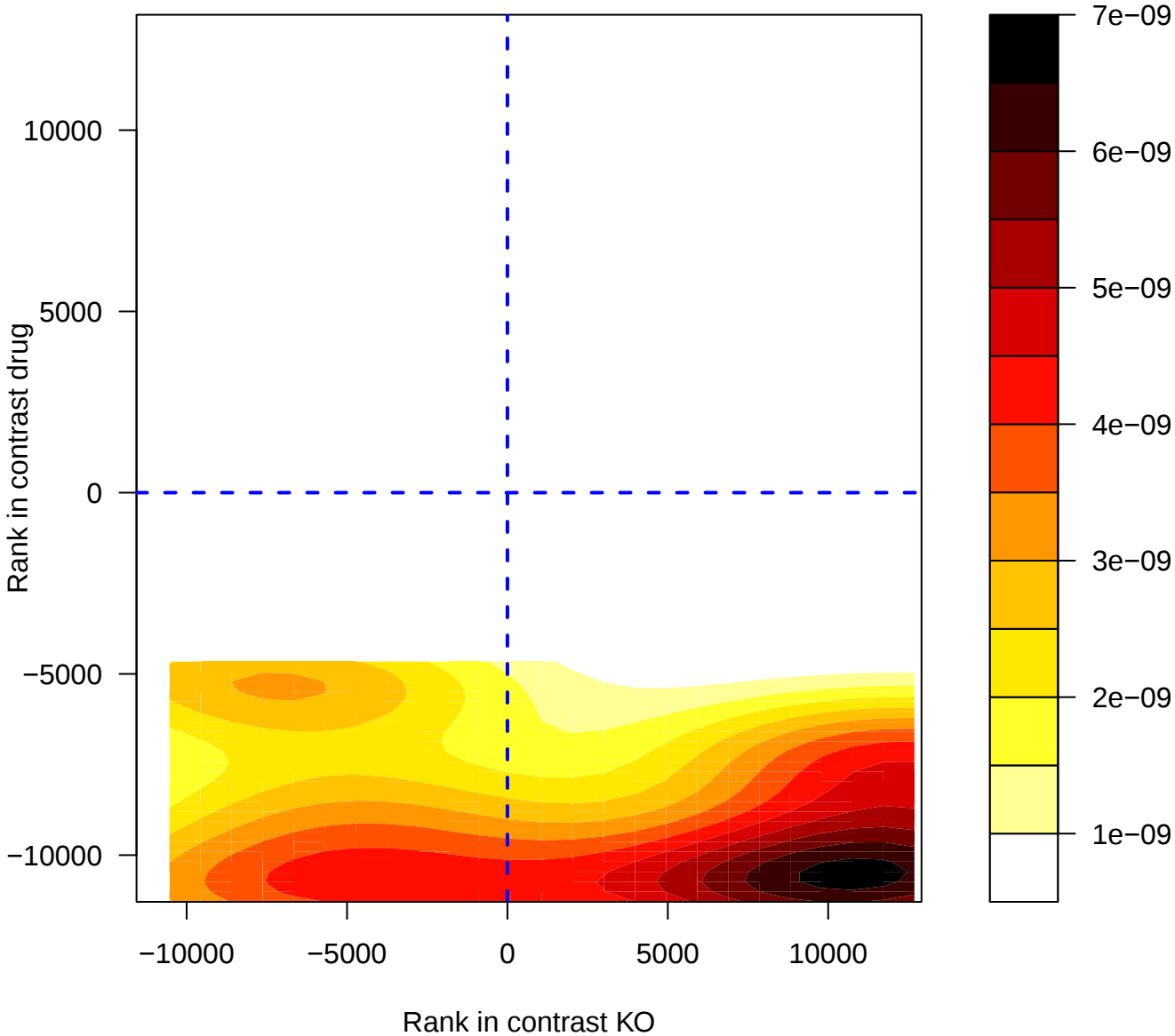
MET activates RAP1 and RAC1



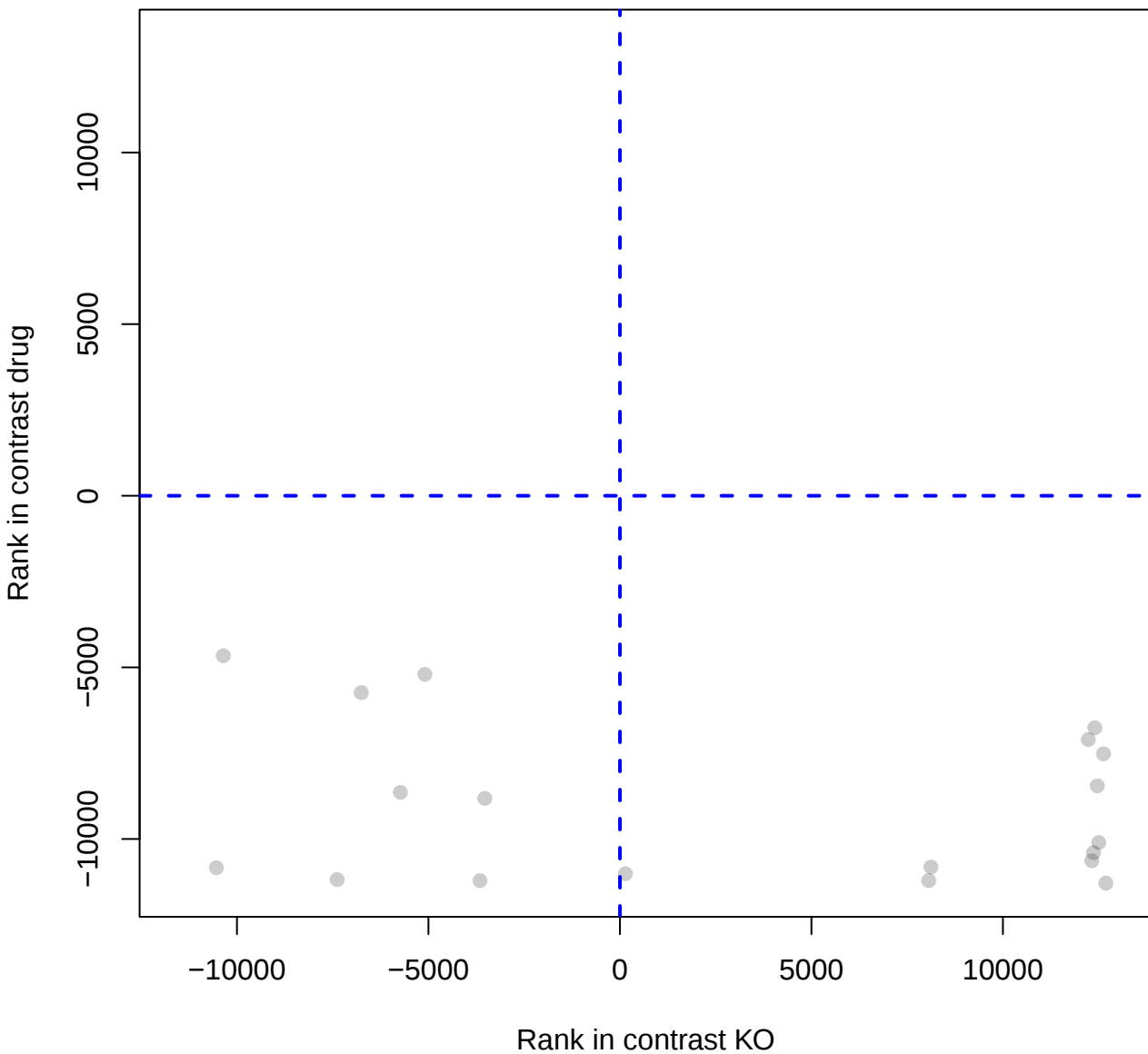
MET activates RAP1 and RAC1



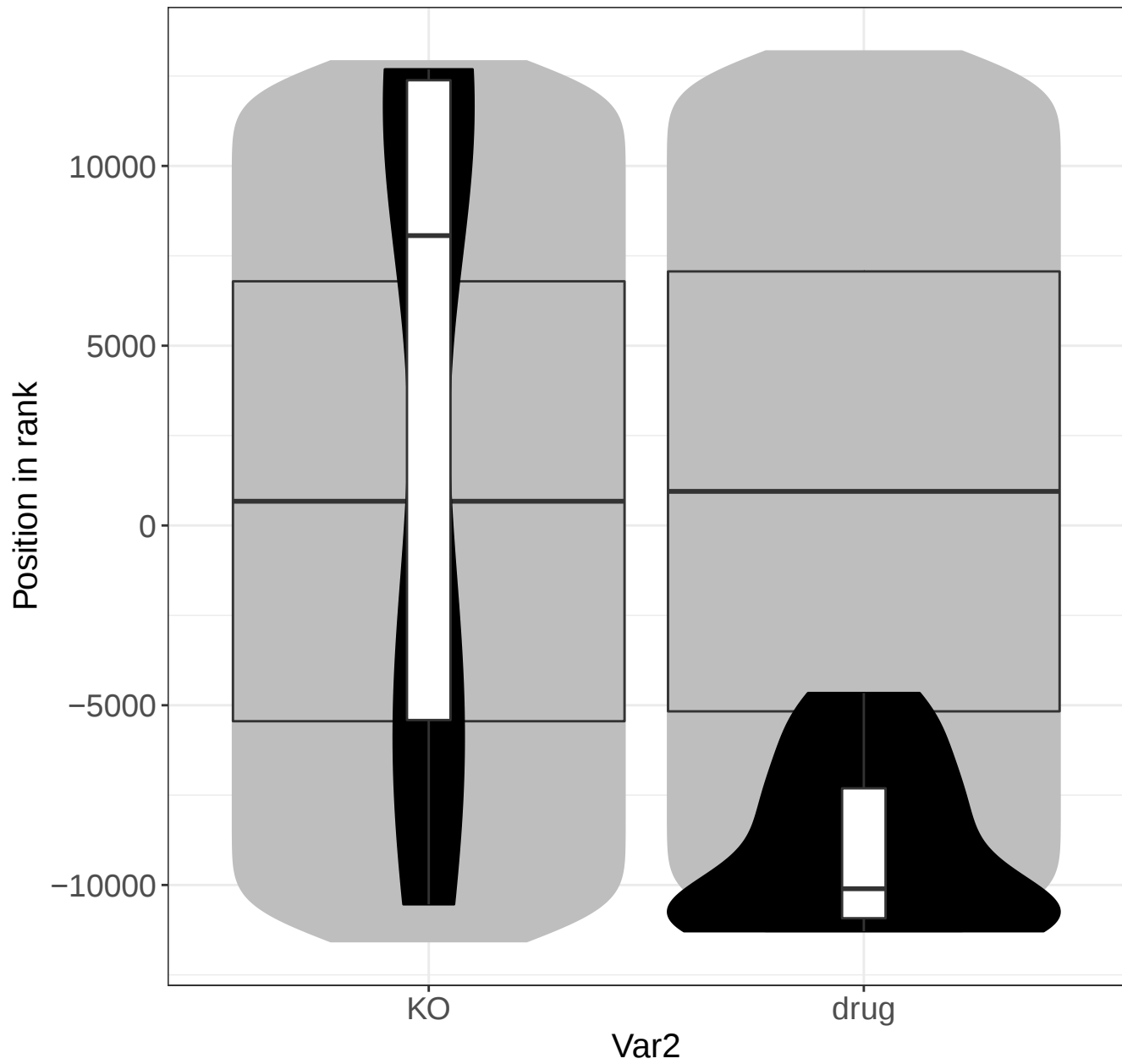
Syndecan interactions



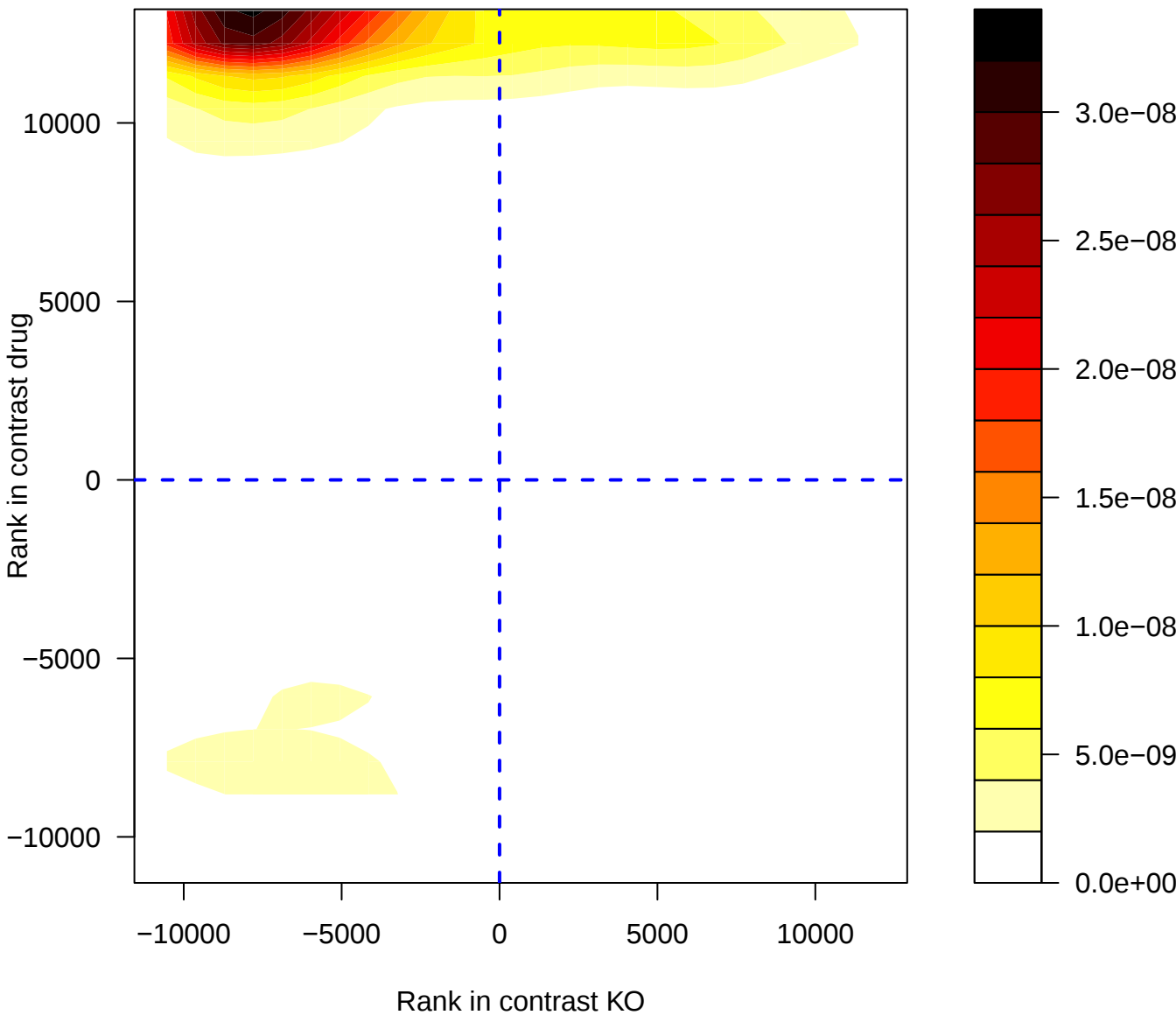
Syndecan interactions



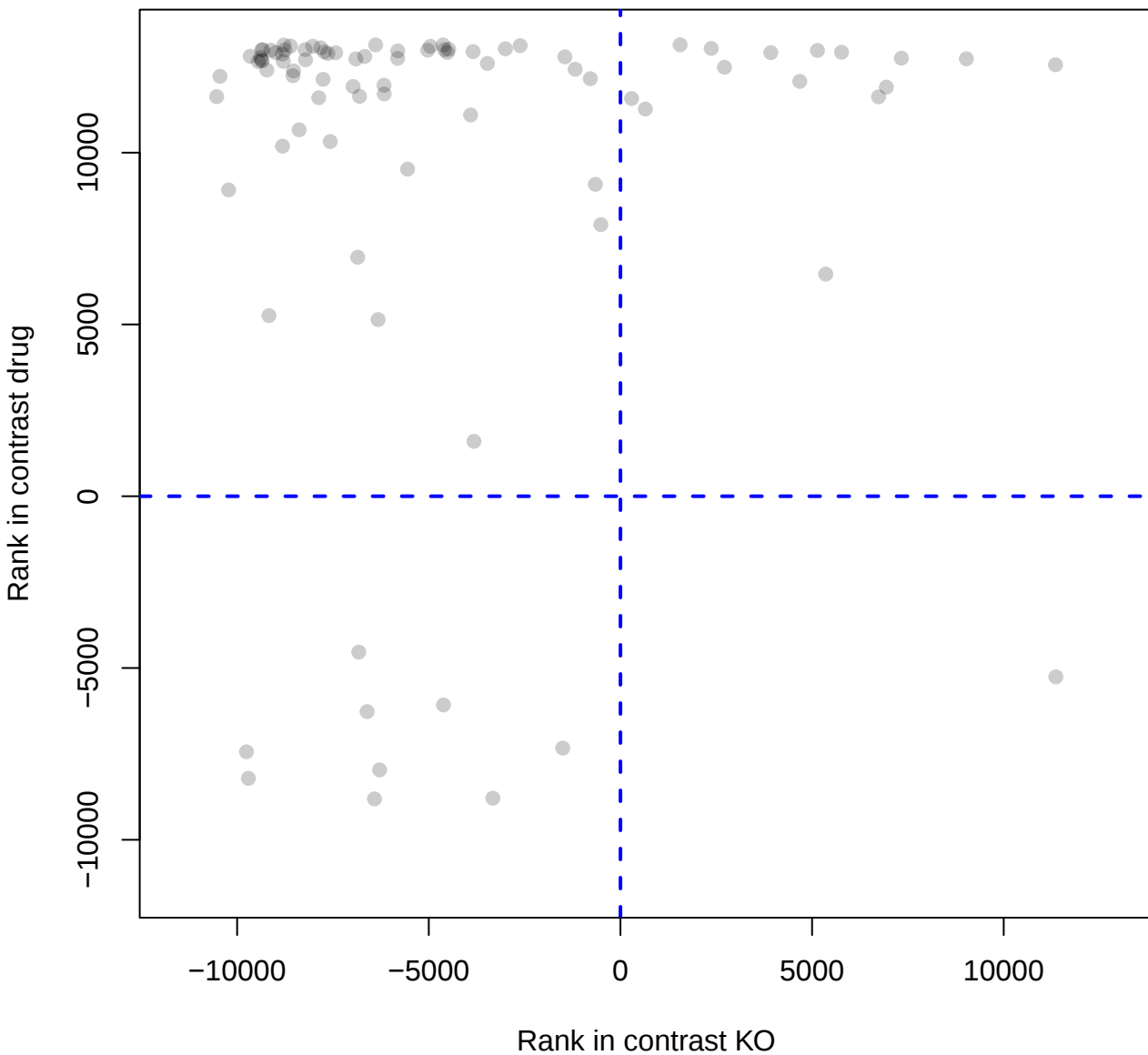
Syndecan interactions



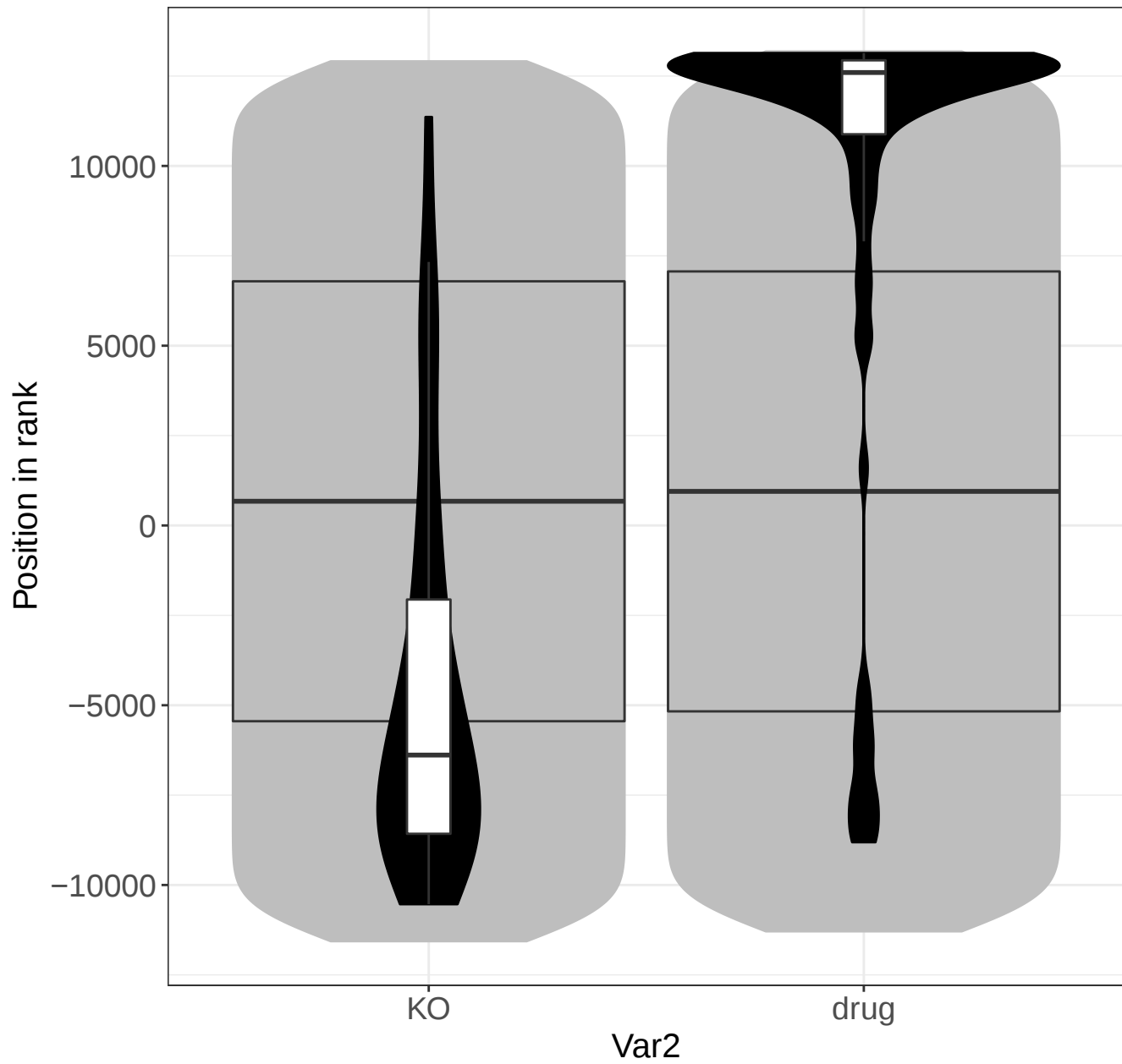
Peptide chain elongation



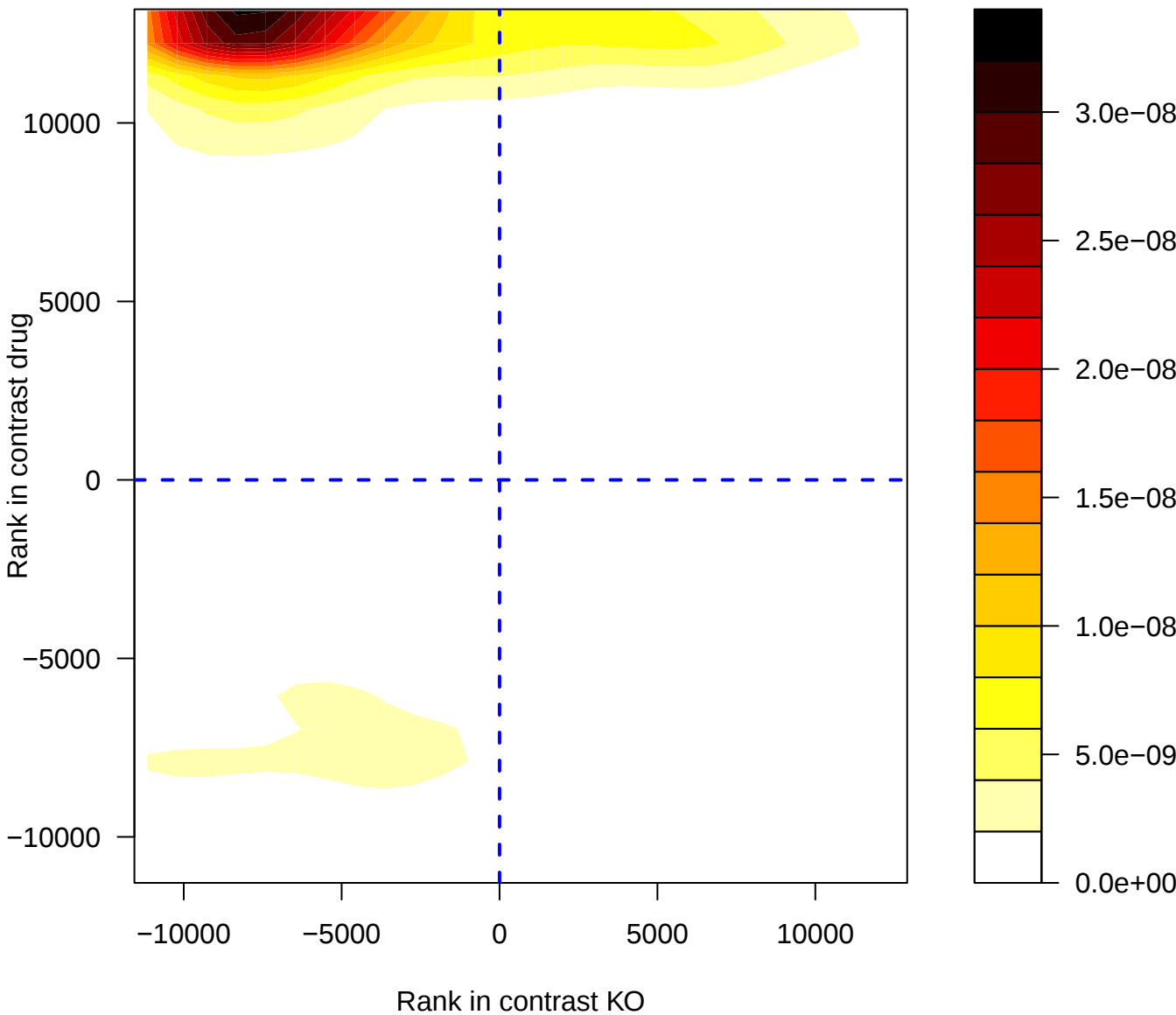
Peptide chain elongation



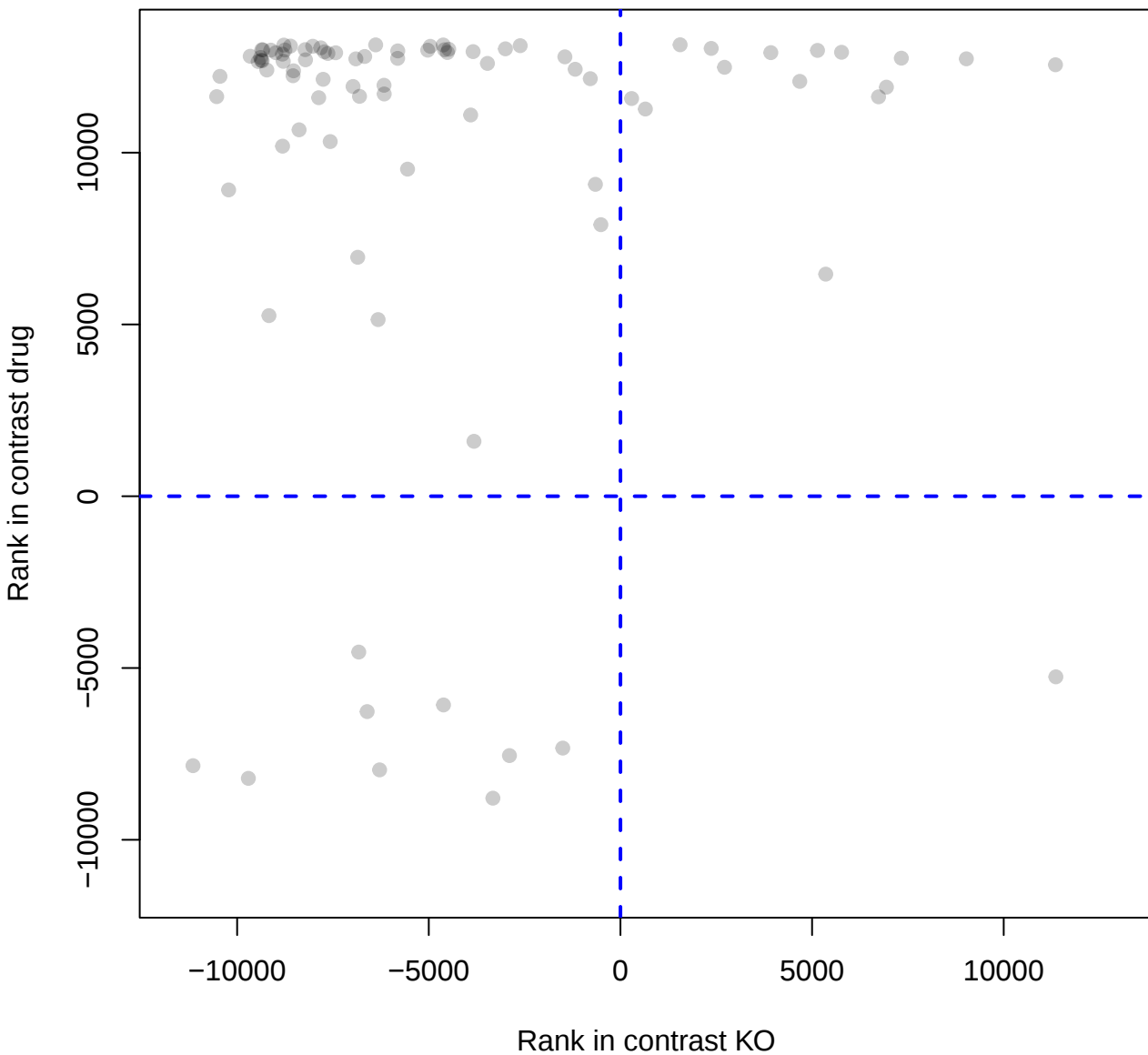
Peptide chain elongation



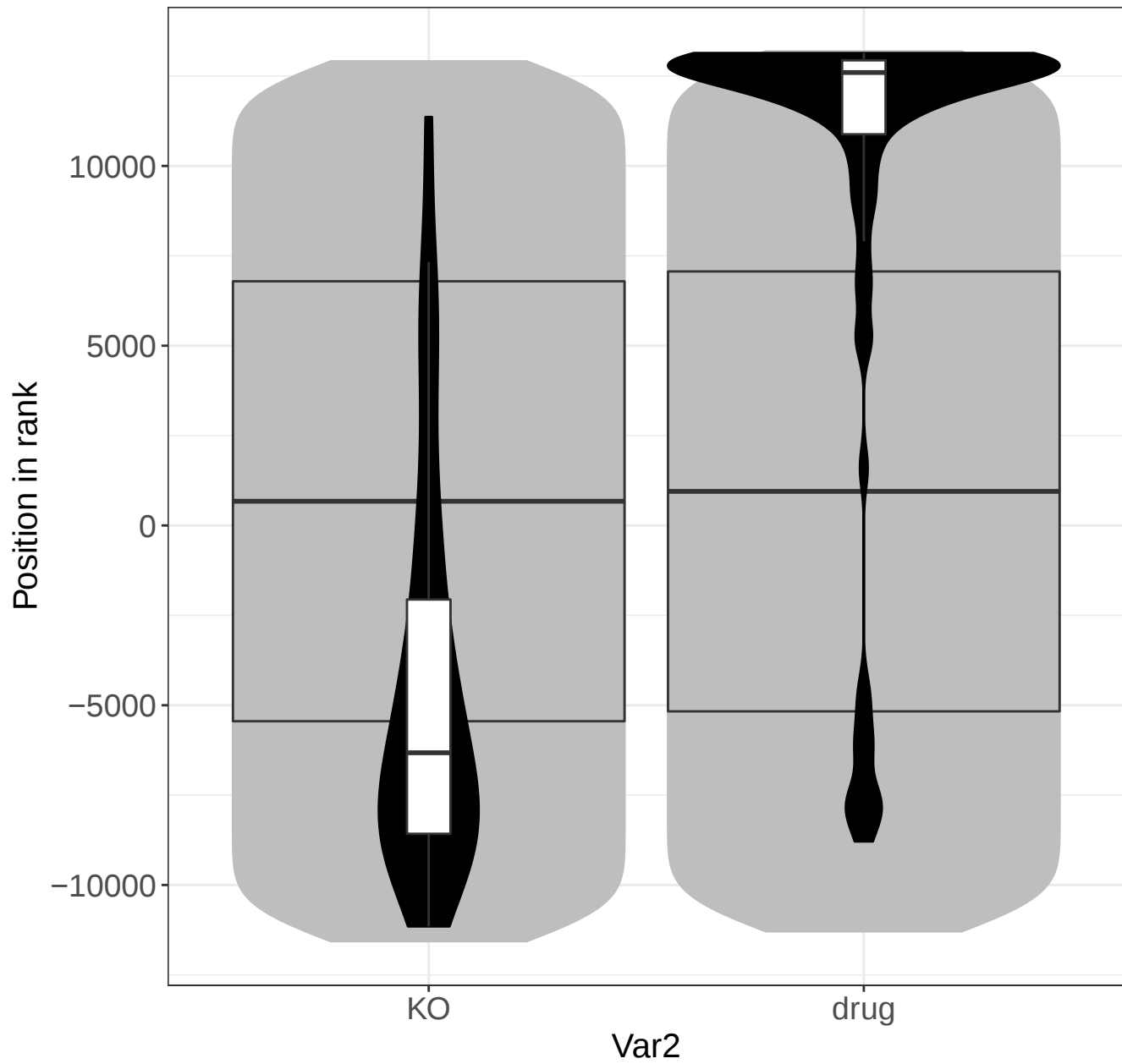
Viral mRNA Translation



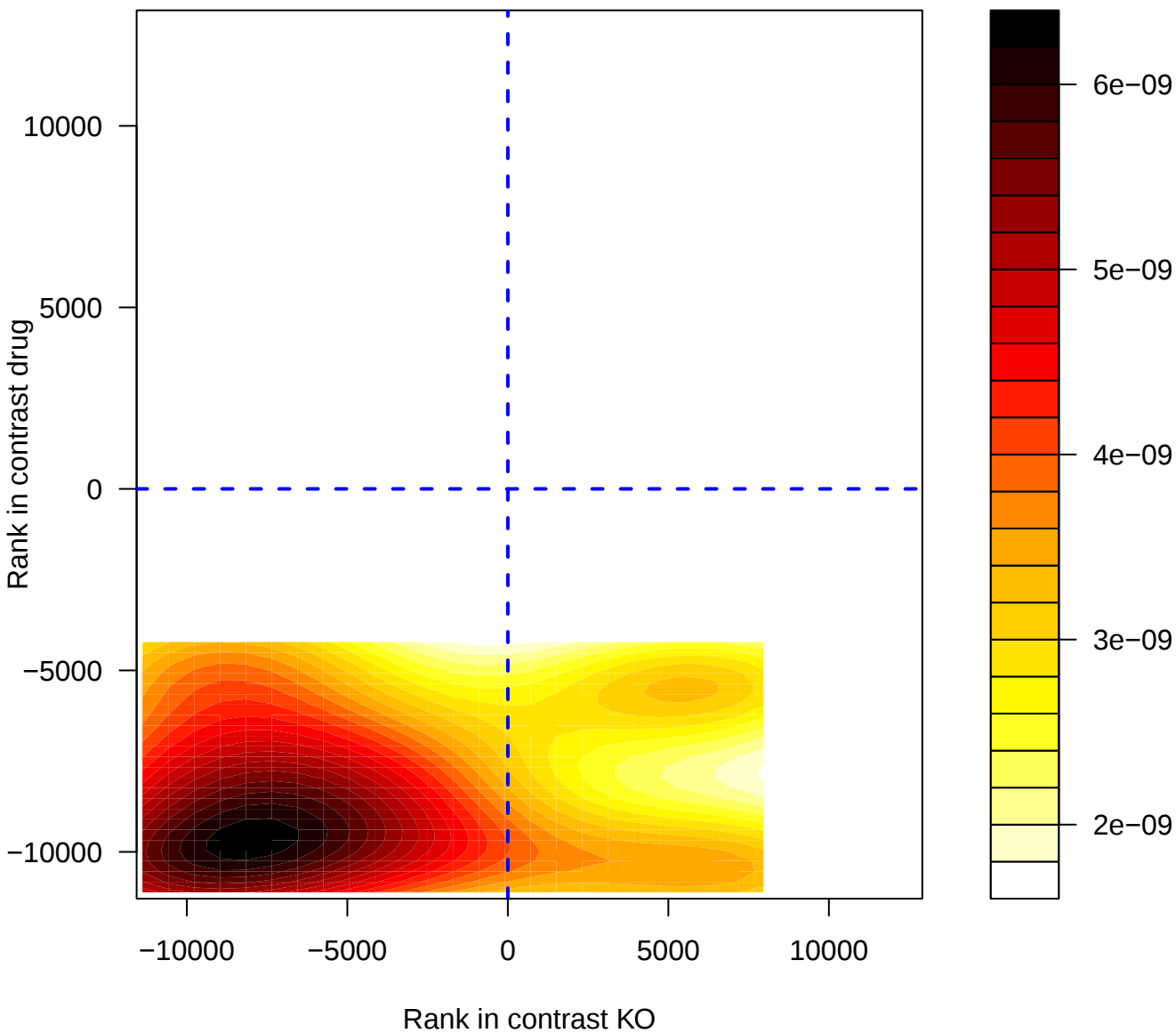
Viral mRNA Translation



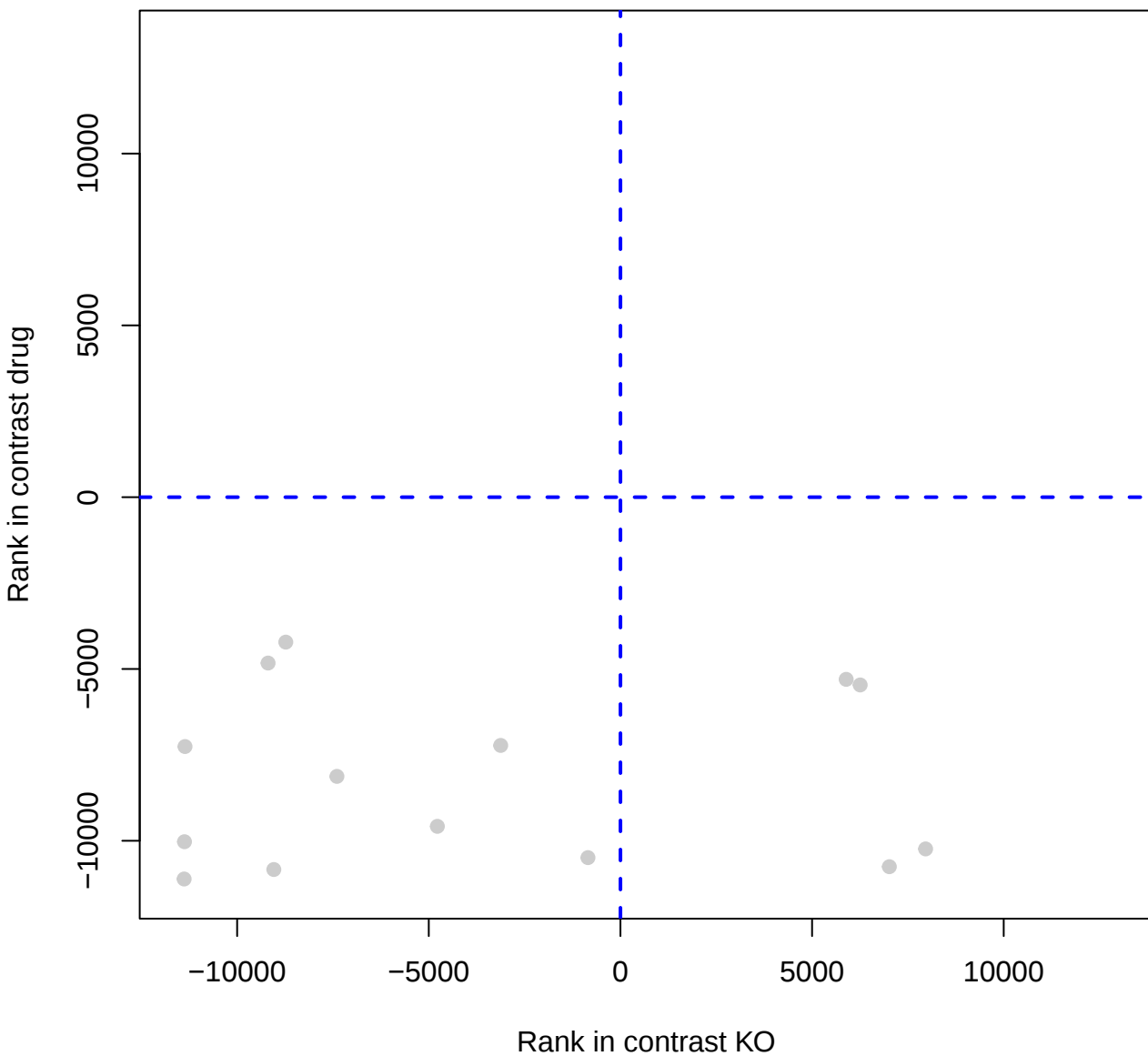
Viral mRNA Translation



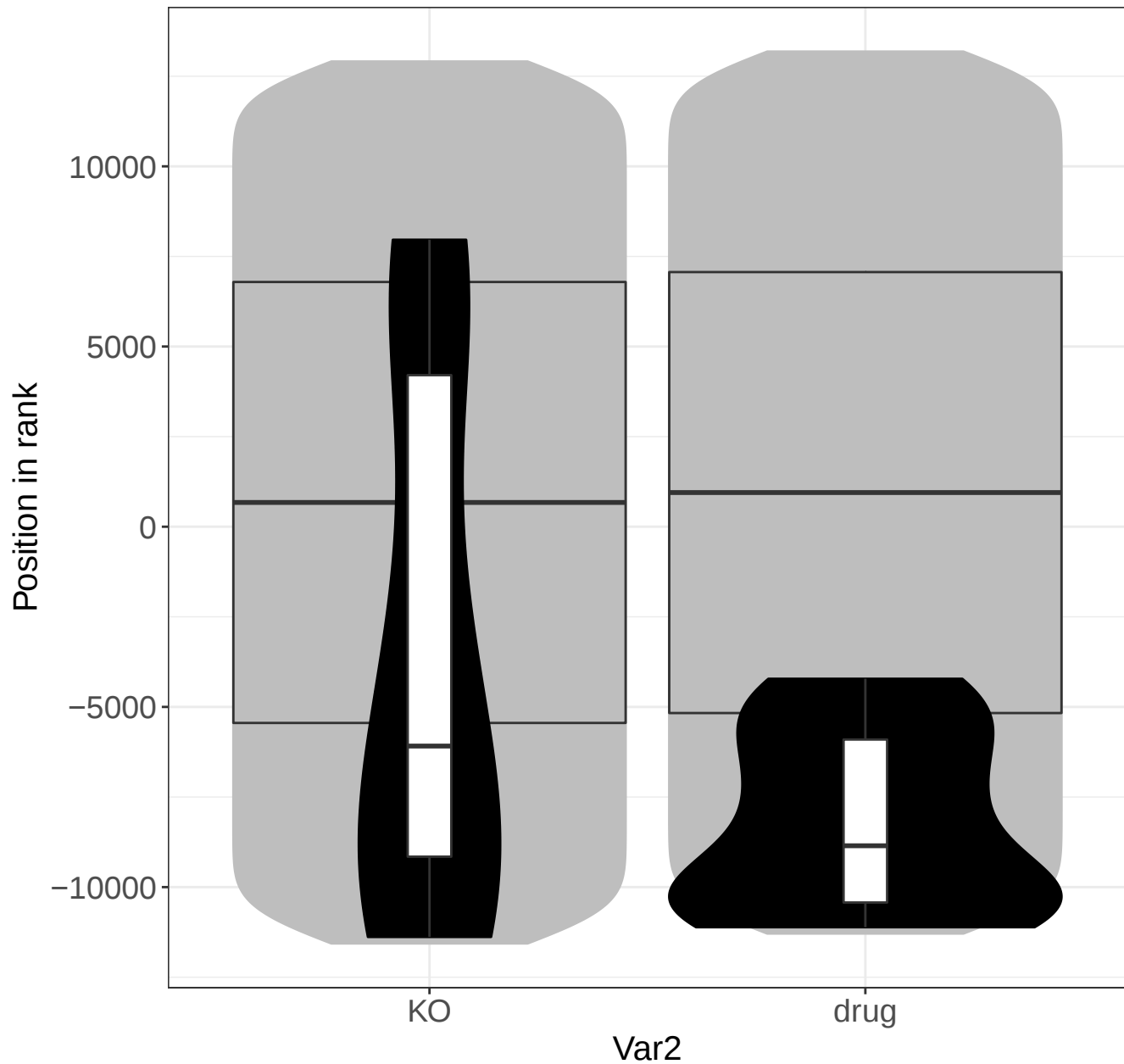
APC truncation mutants have impaired AXIN binding



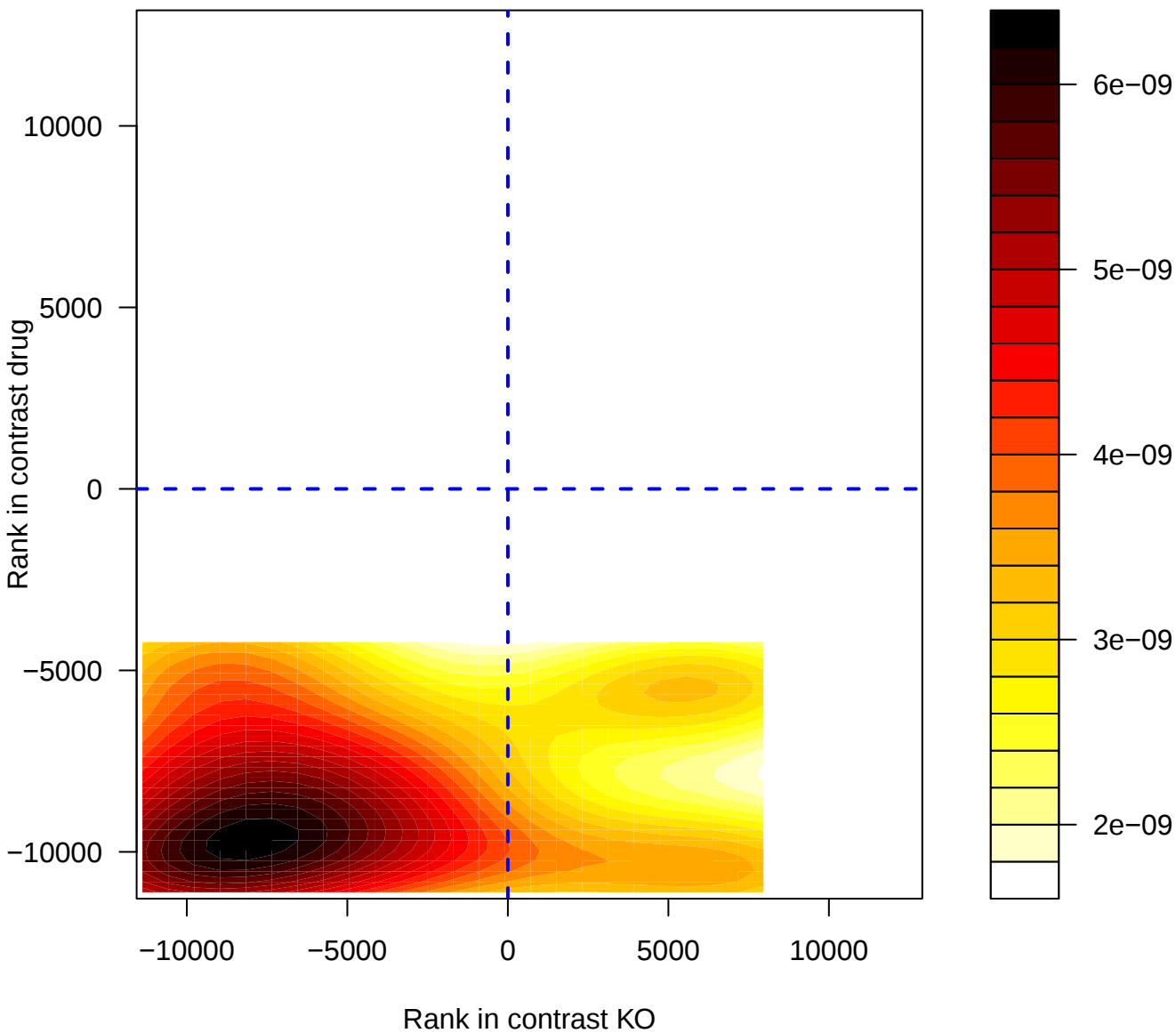
APC truncation mutants have impaired AXIN binding



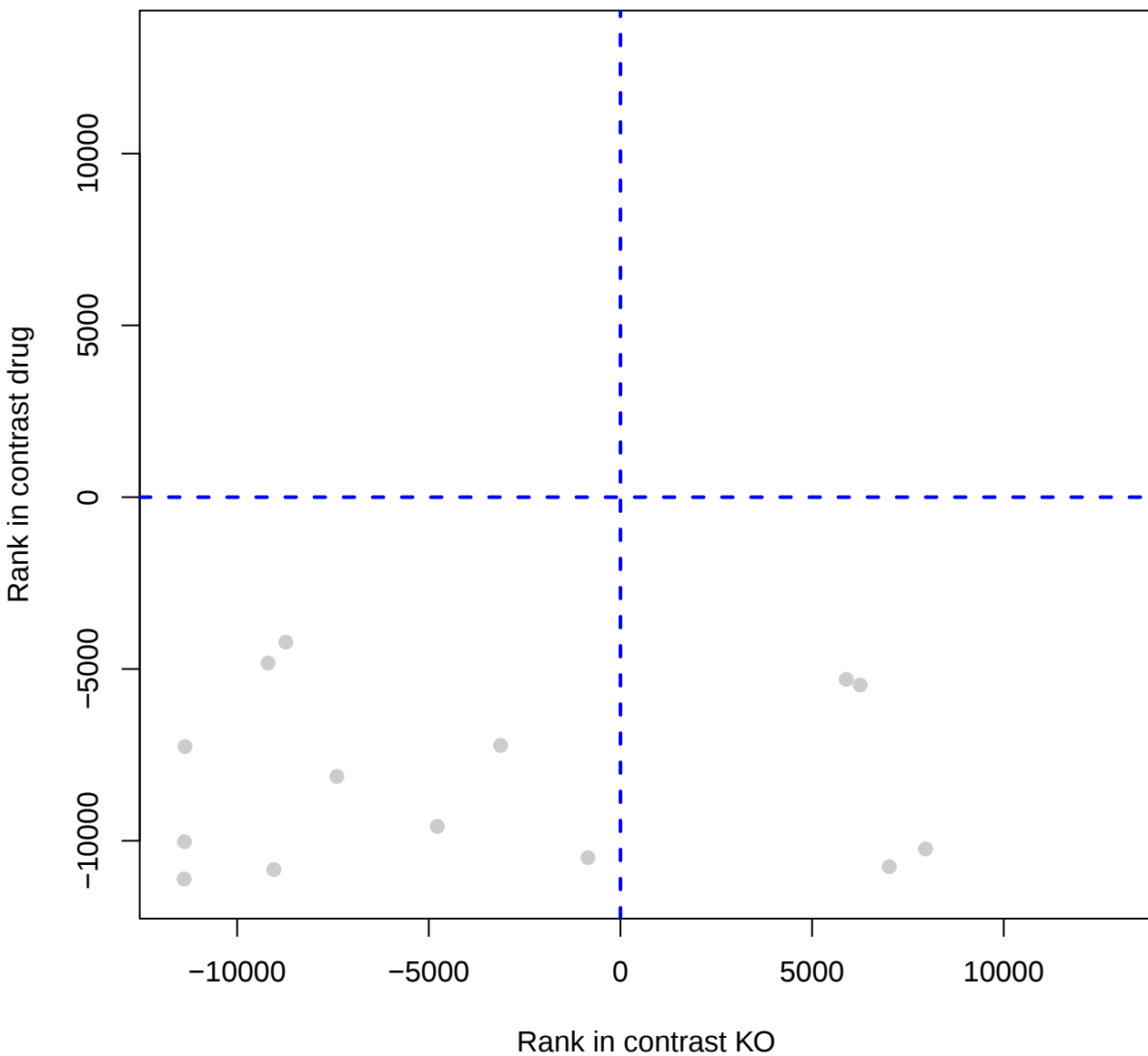
APC truncation mutants have impaired AXIN binding



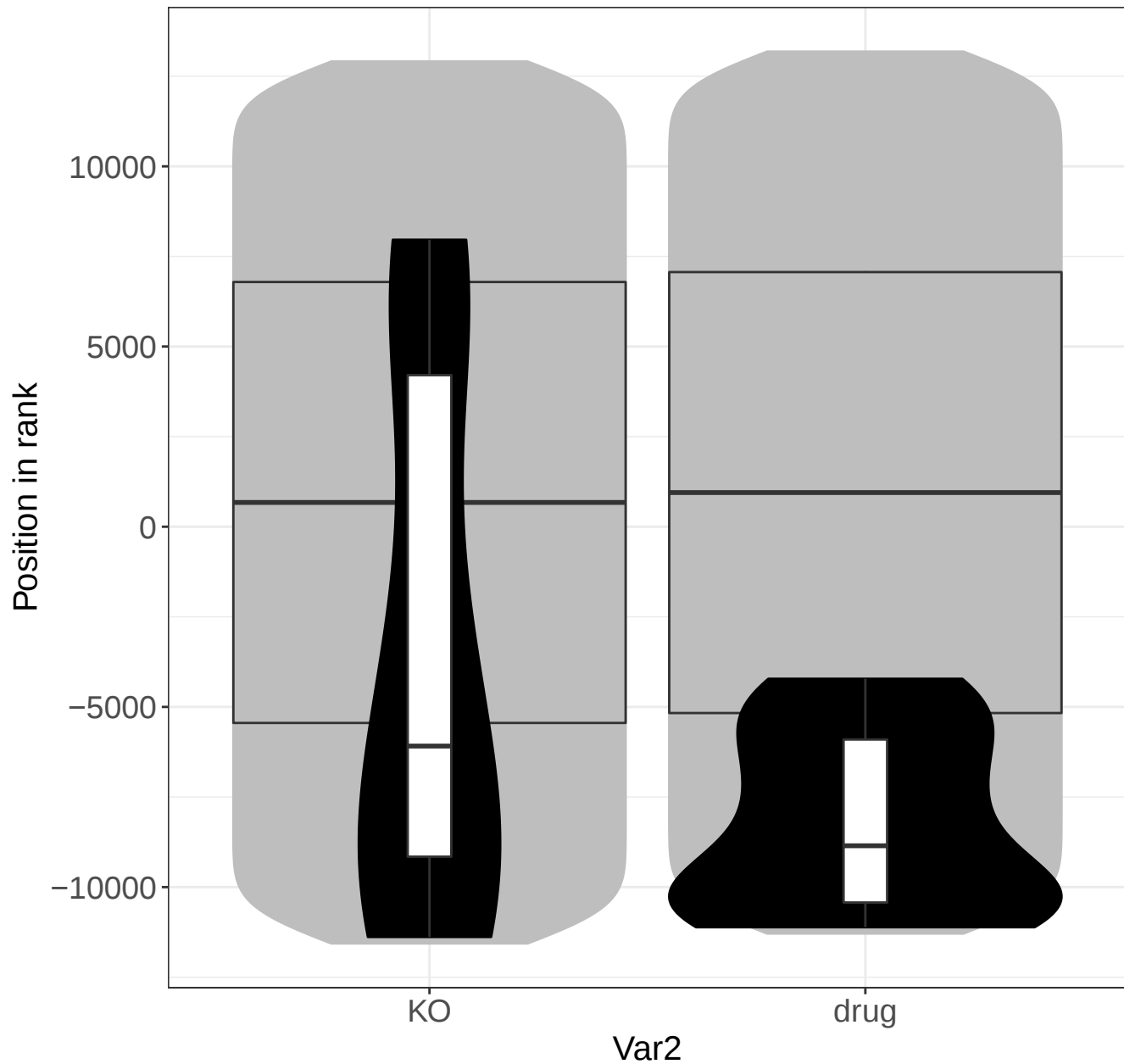
AXIN missense mutants destabilize the destruction comp



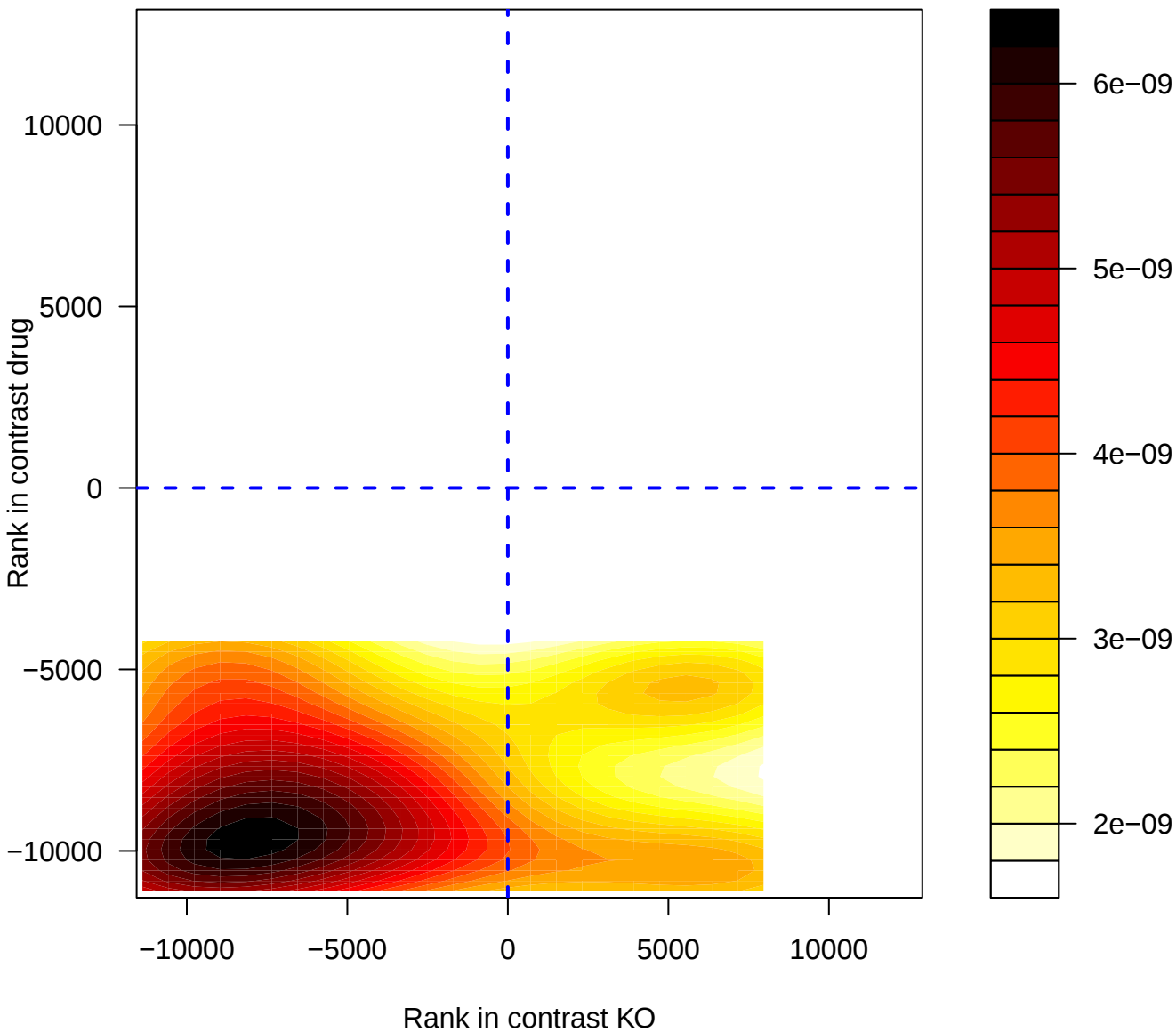
AXIN missense mutants destabilize the destruction complex



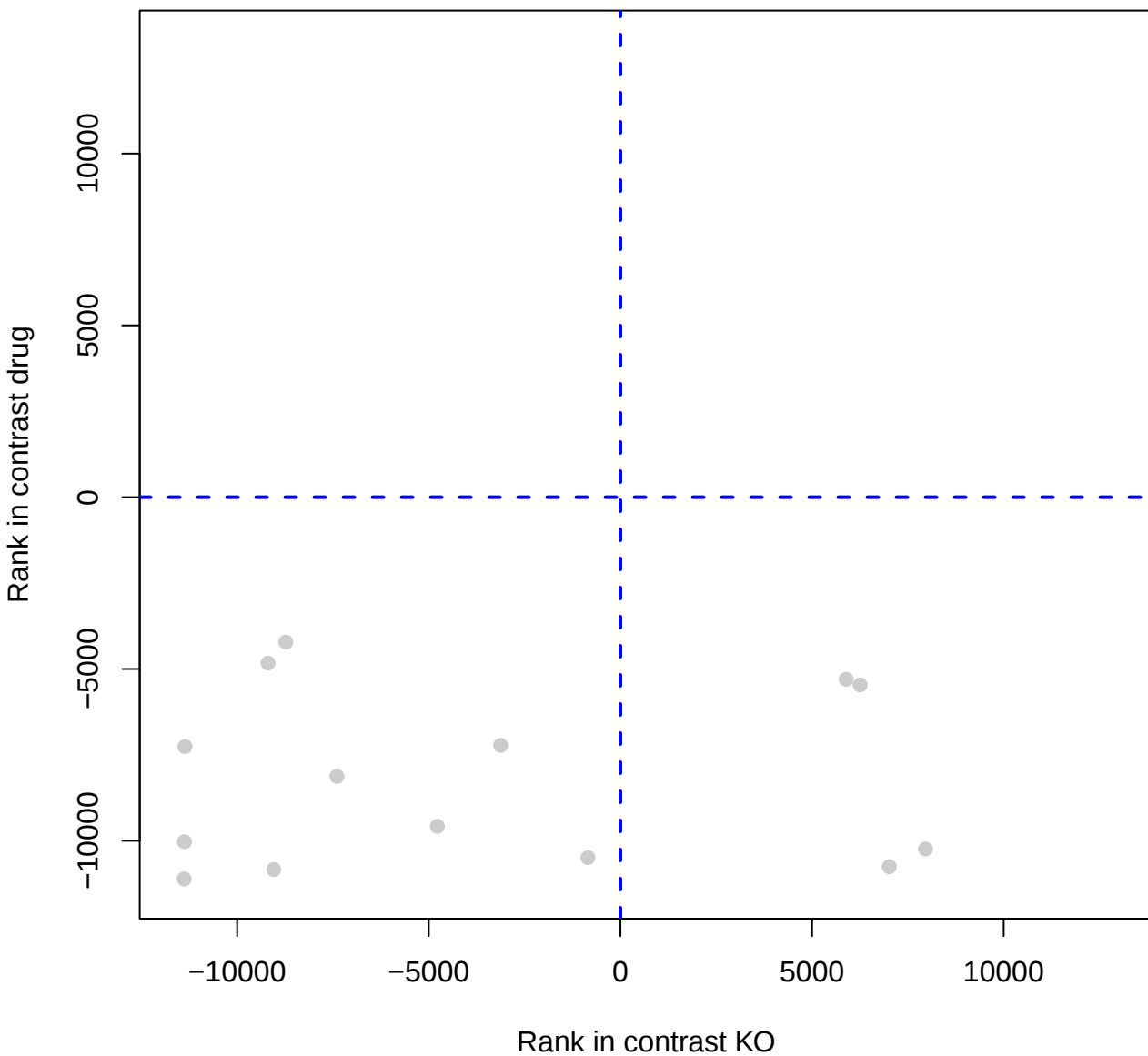
AXIN missense mutants destabilize the destruction



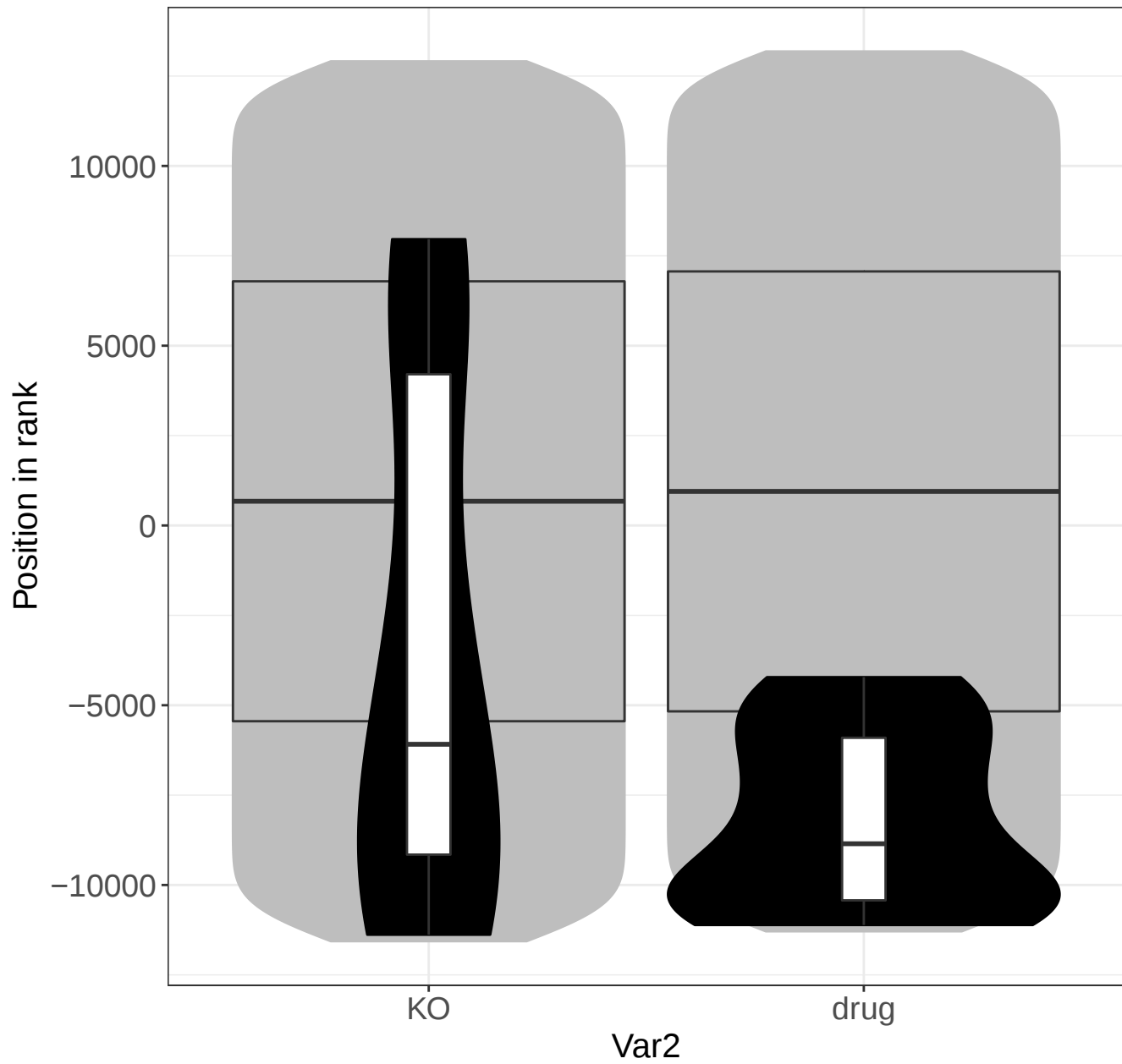
Signaling by AMER1 mutants



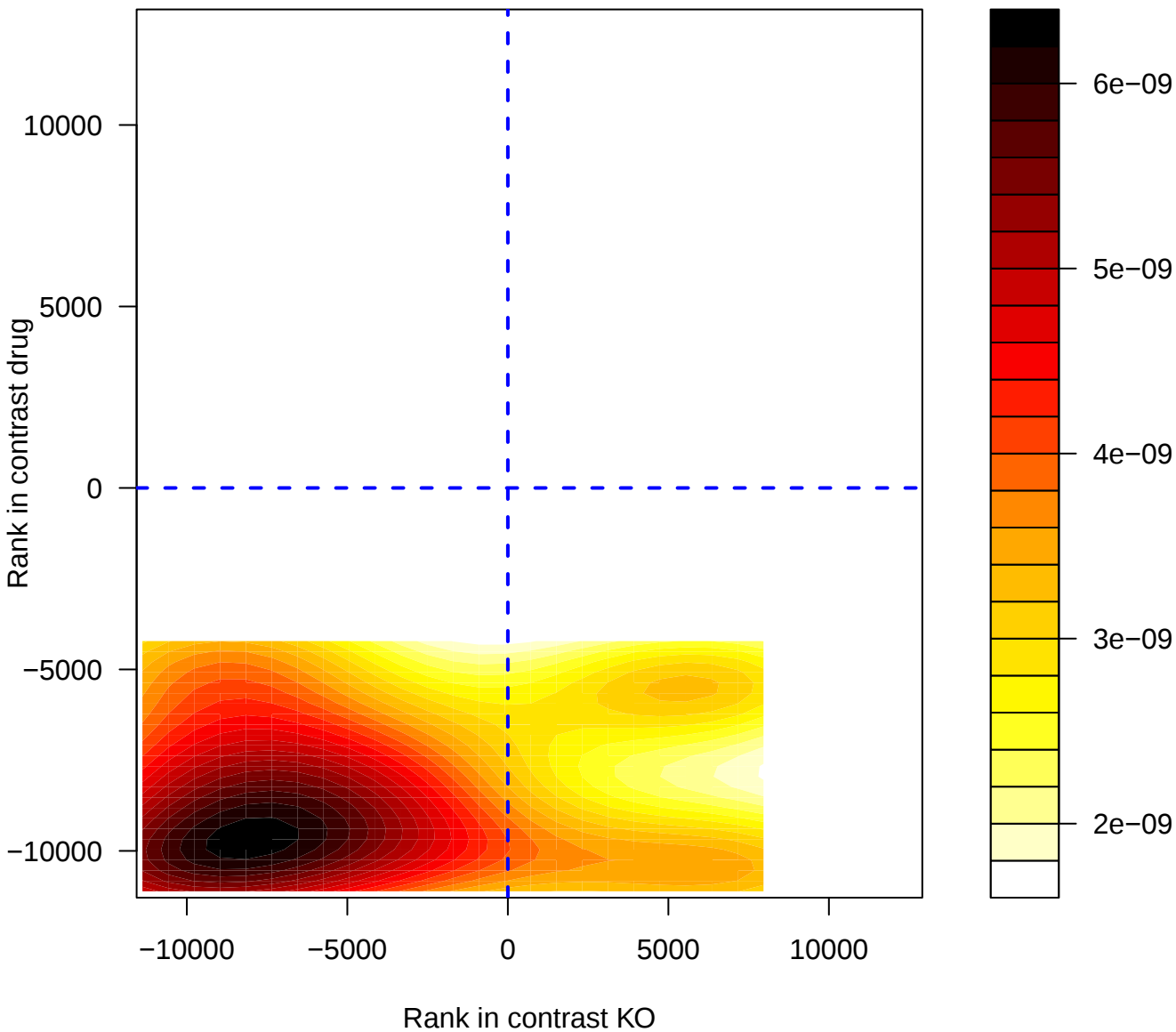
Signaling by AMER1 mutants



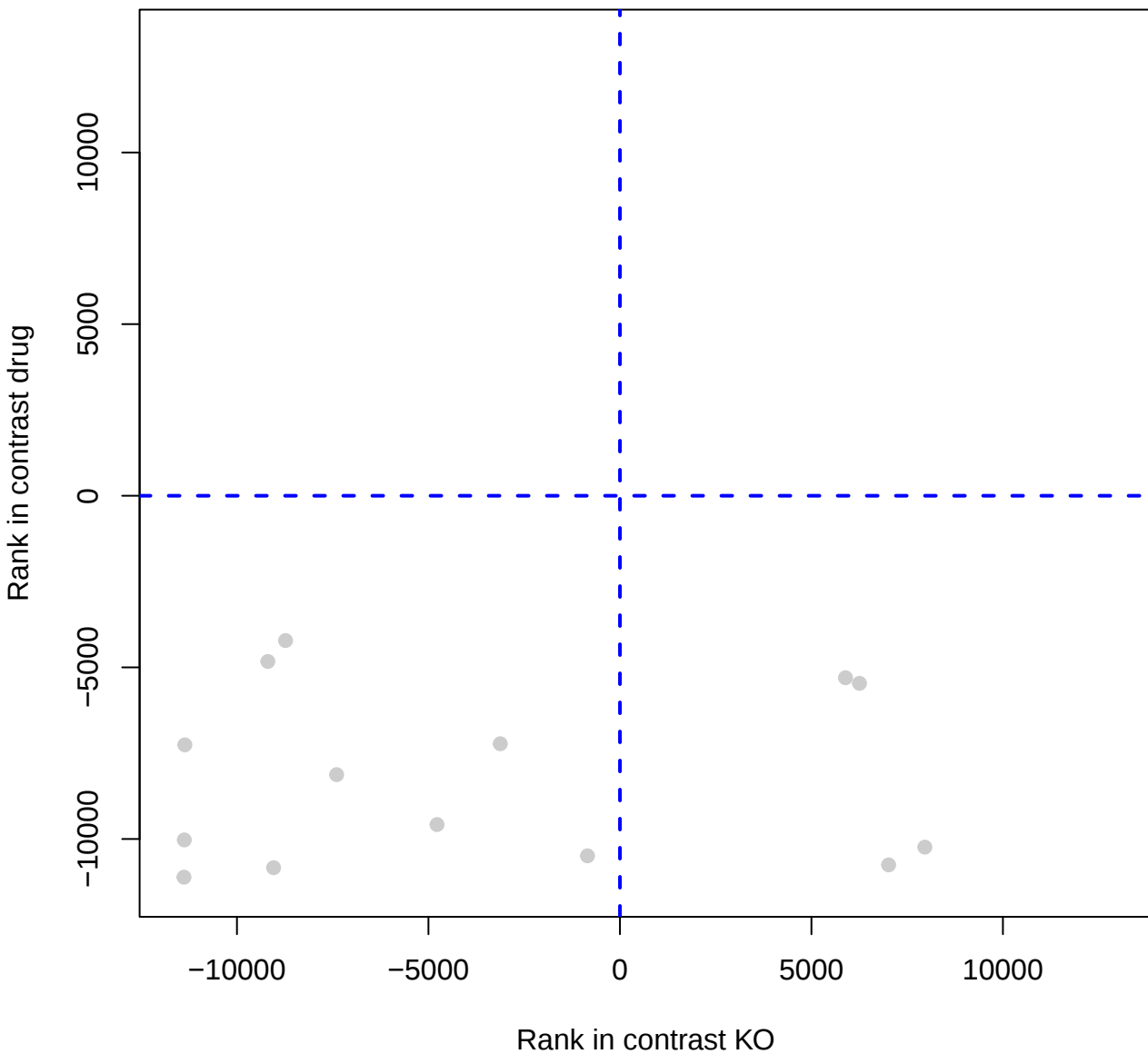
Signaling by AMER1 mutants



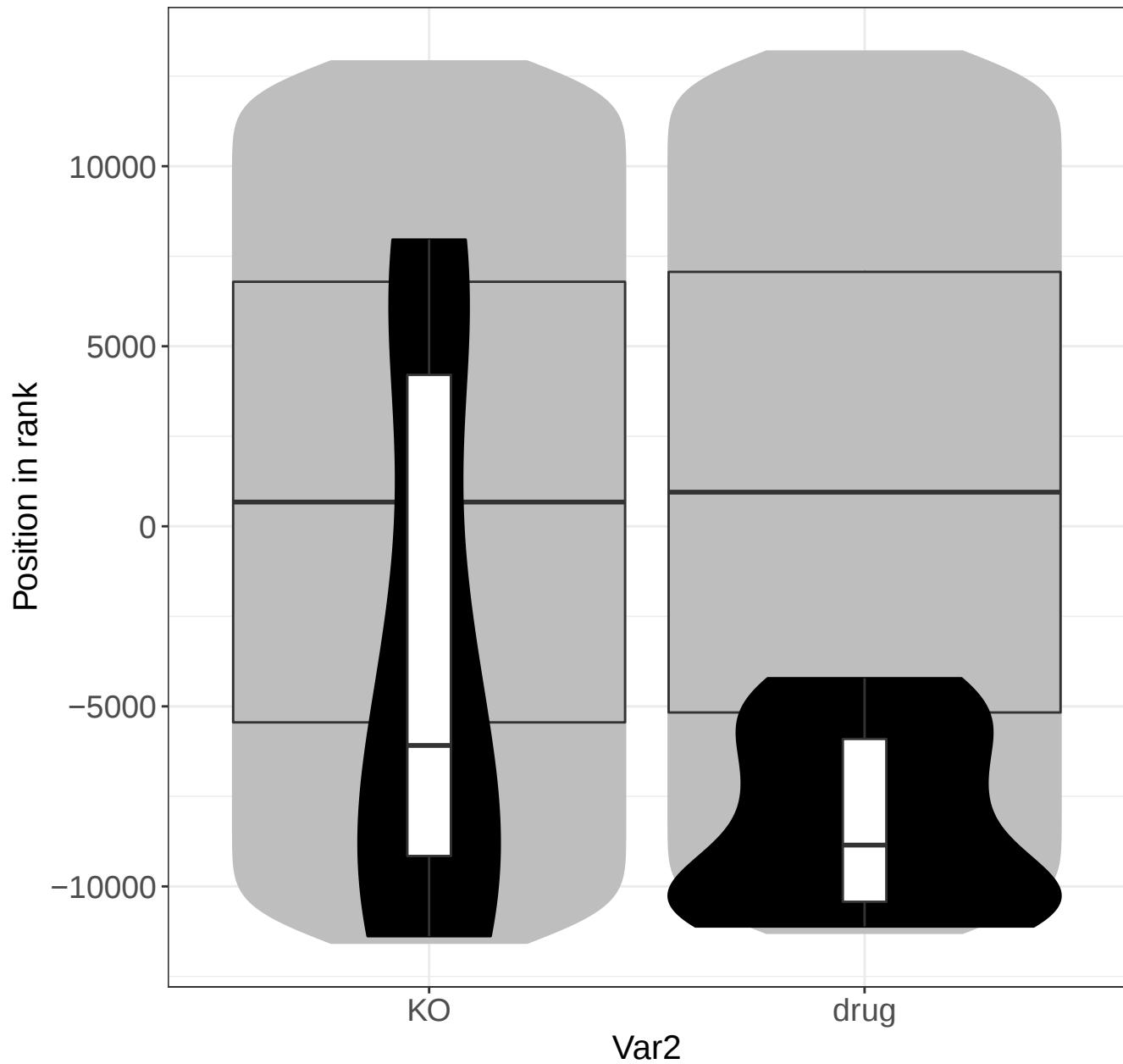
Signaling by APC mutants



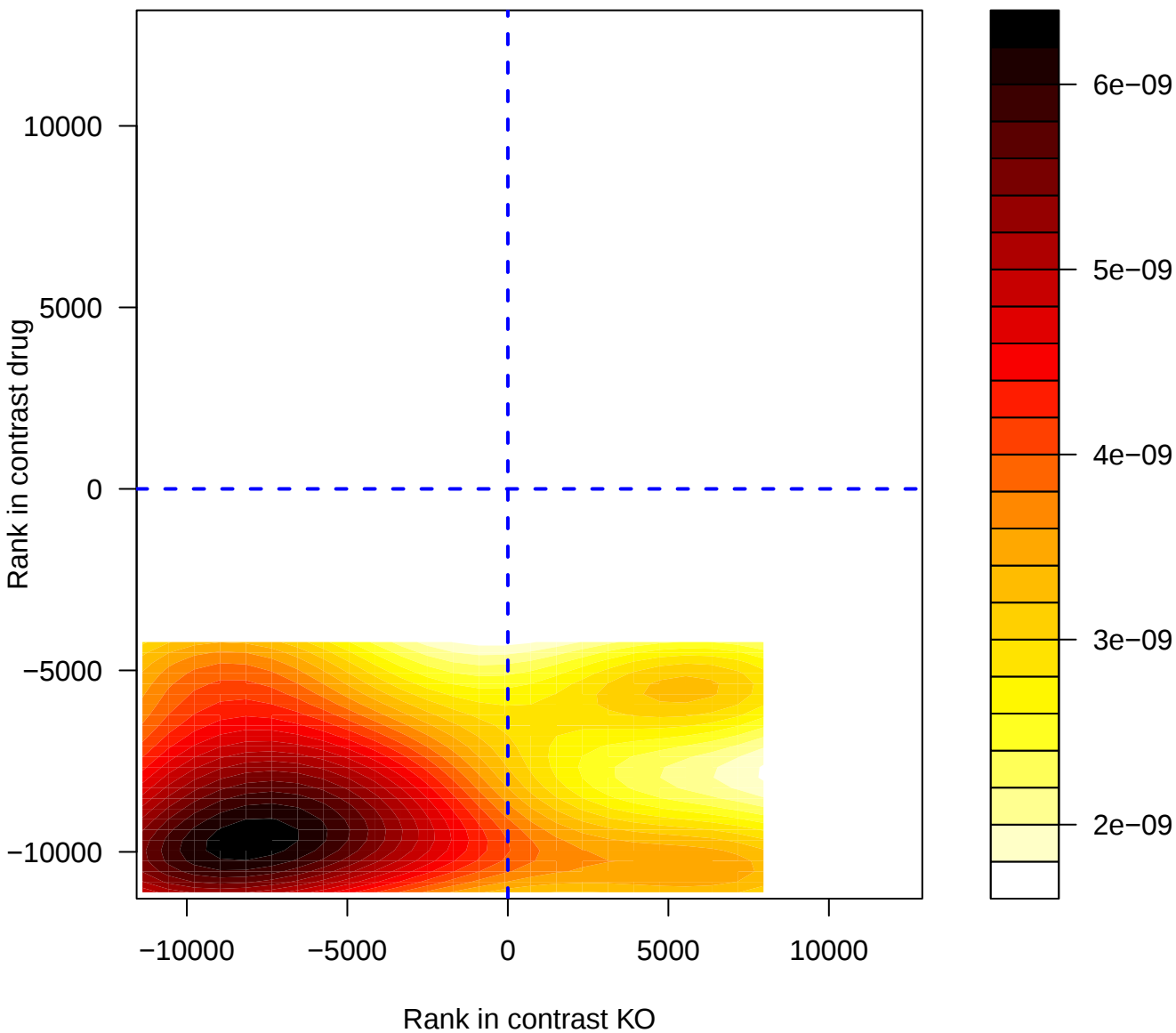
Signaling by APC mutants



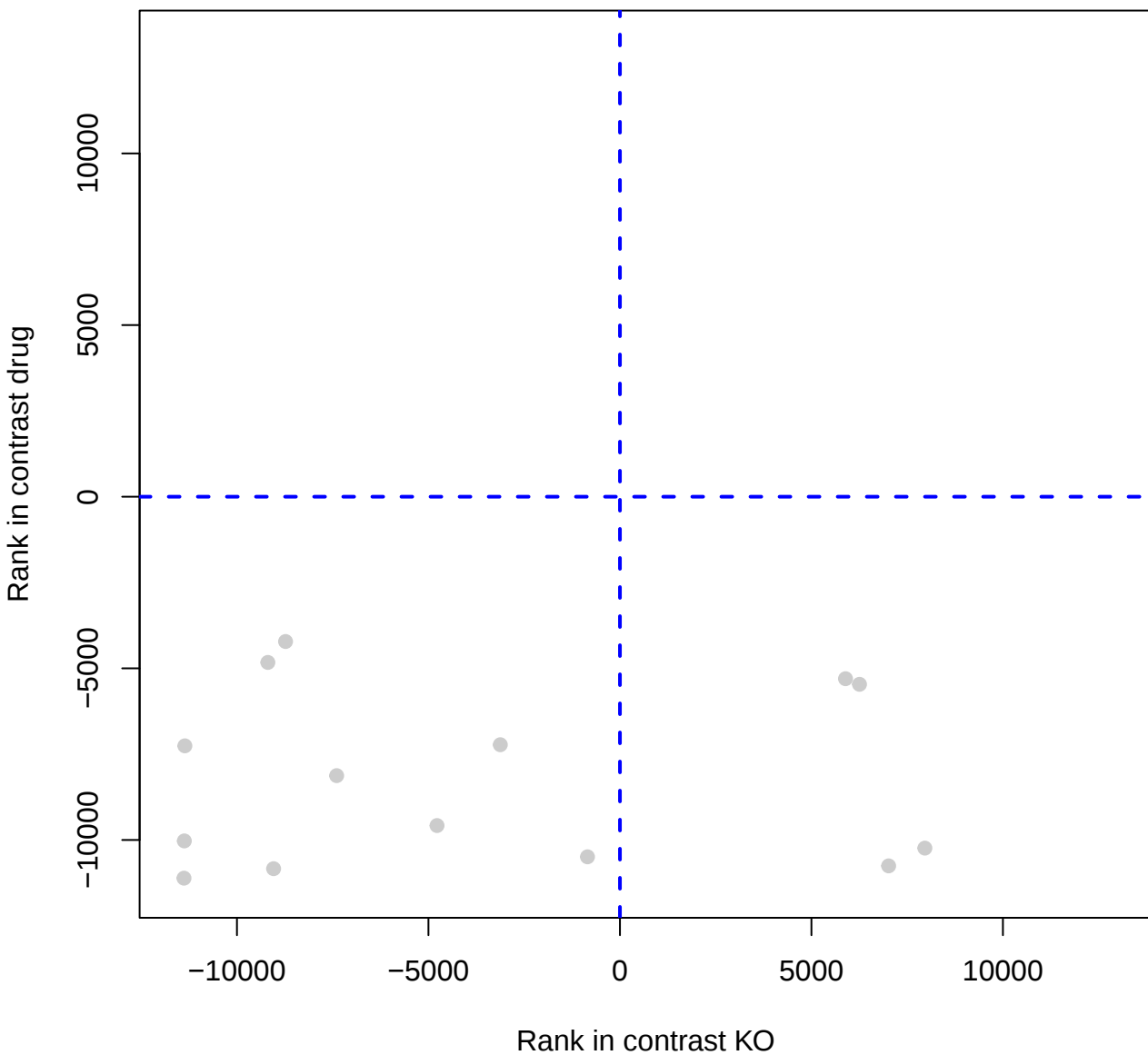
Signaling by APC mutants



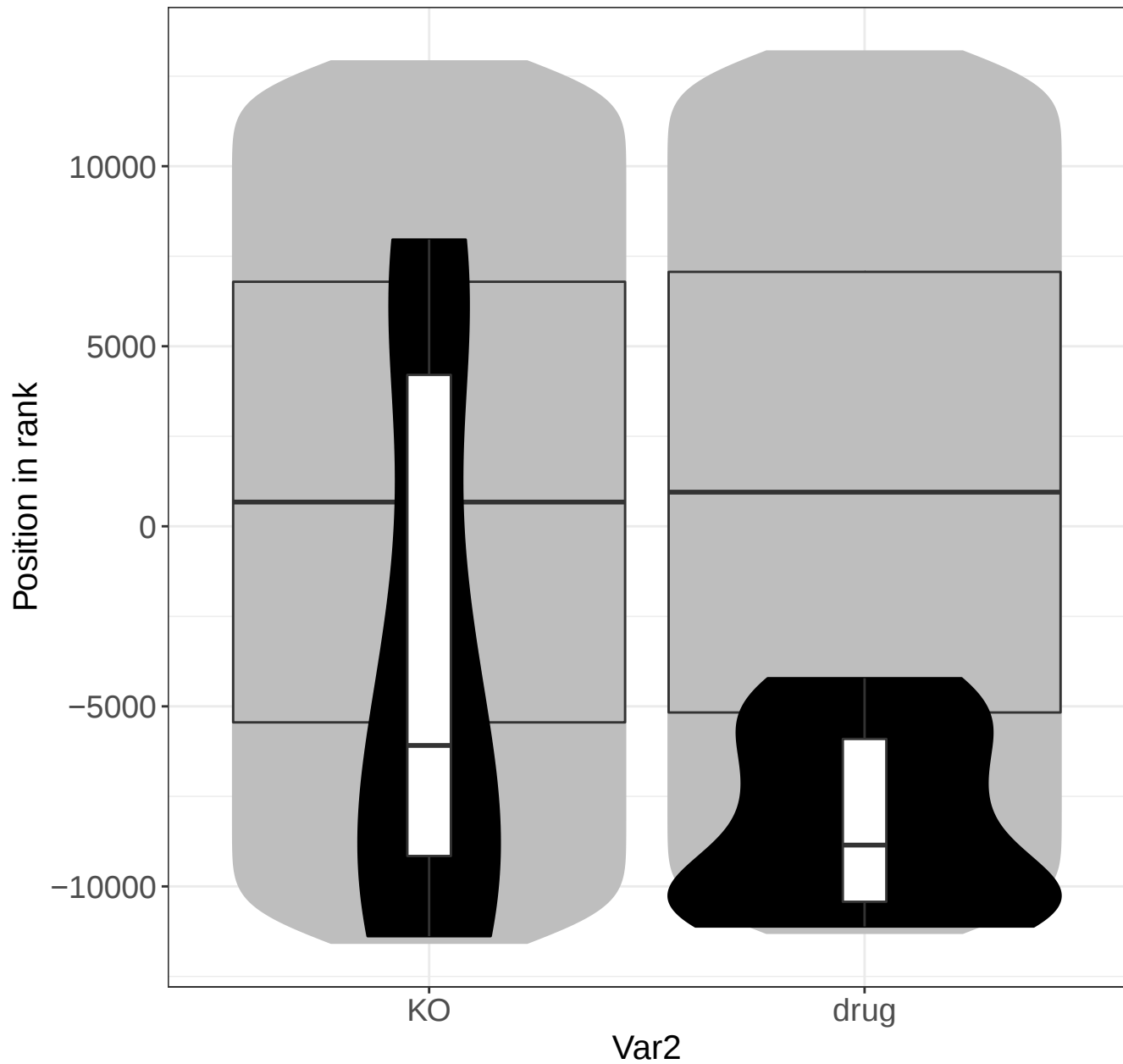
Signaling by AXIN mutants



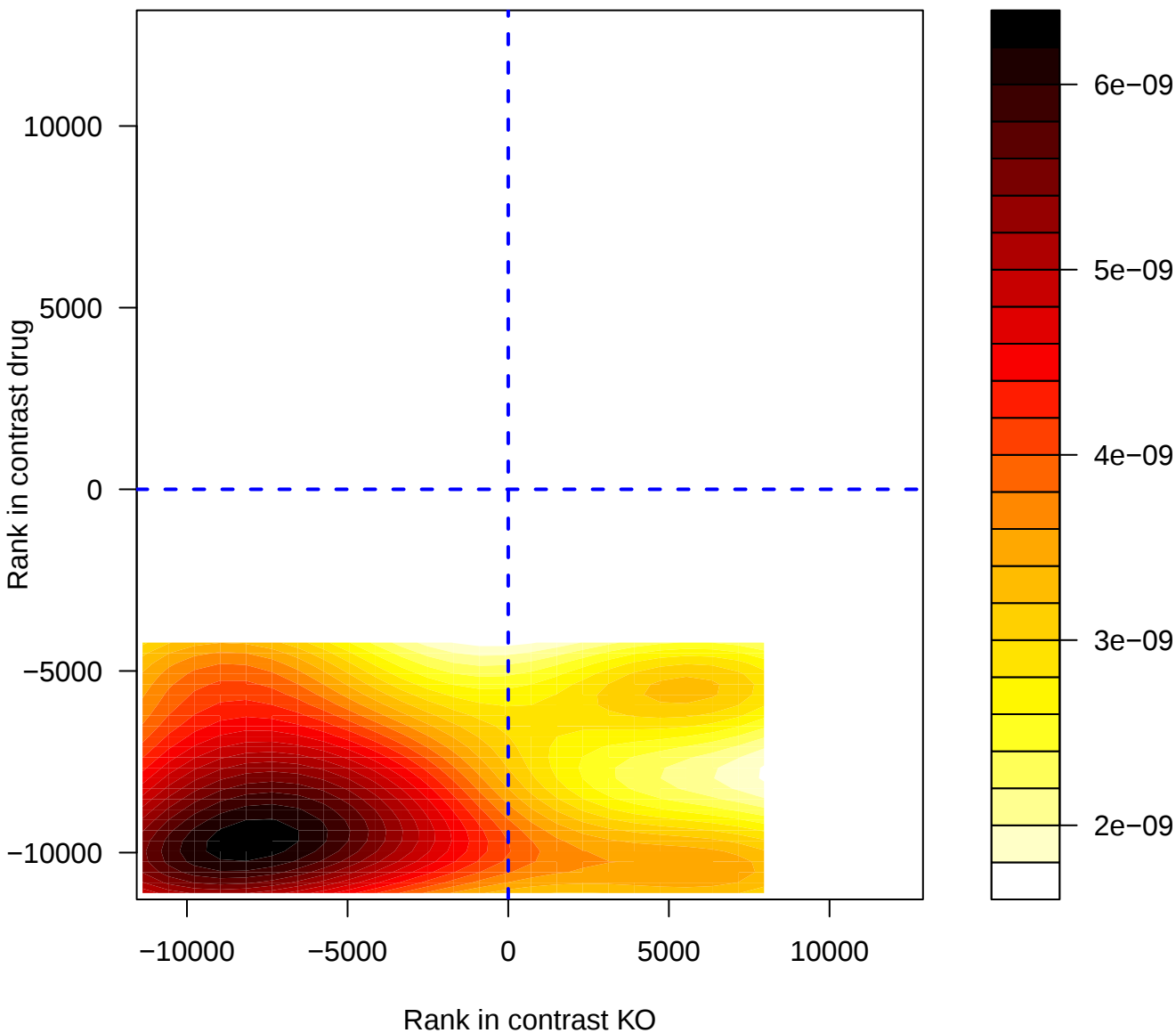
Signaling by AXIN mutants



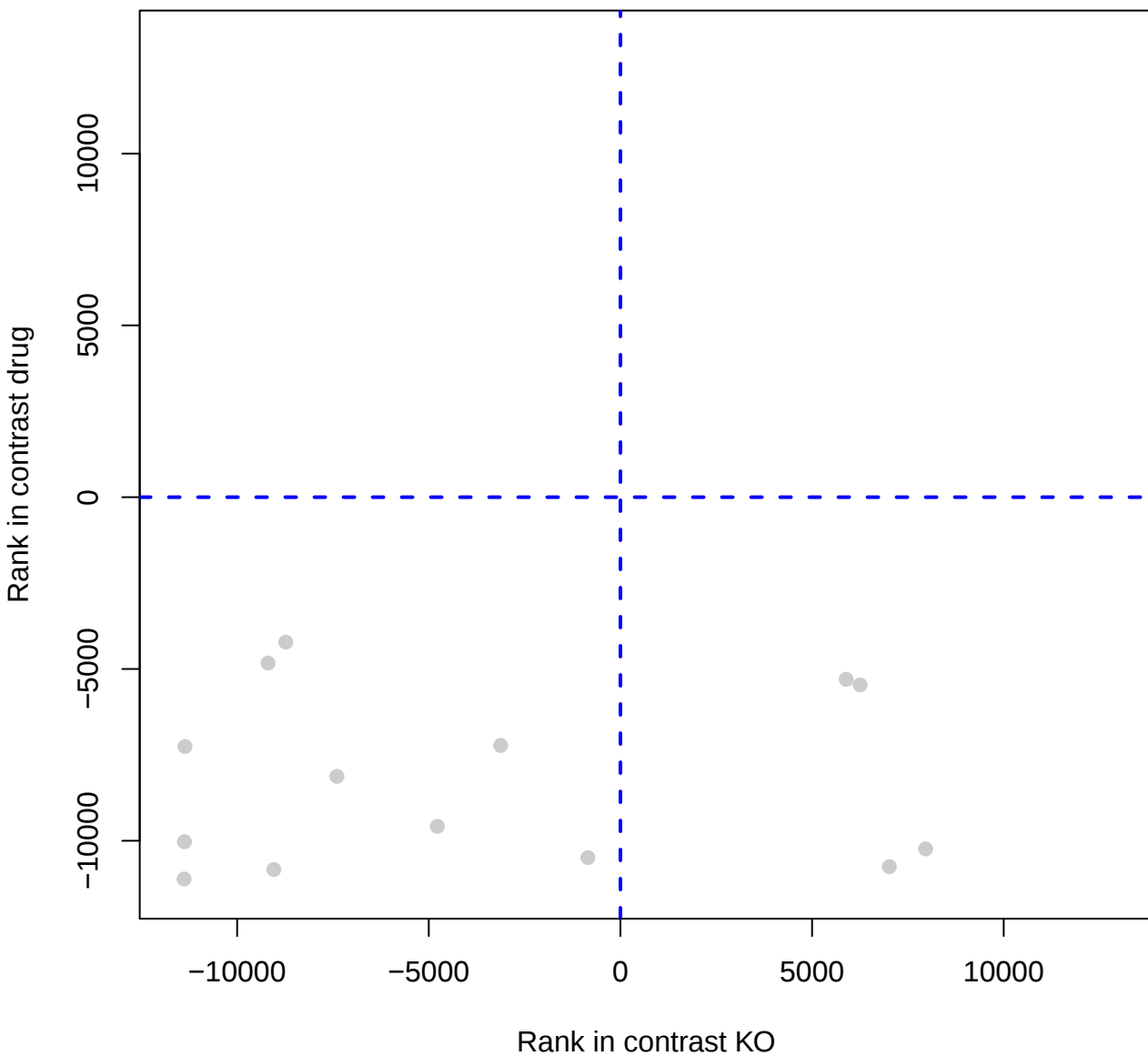
Signaling by AXIN mutants



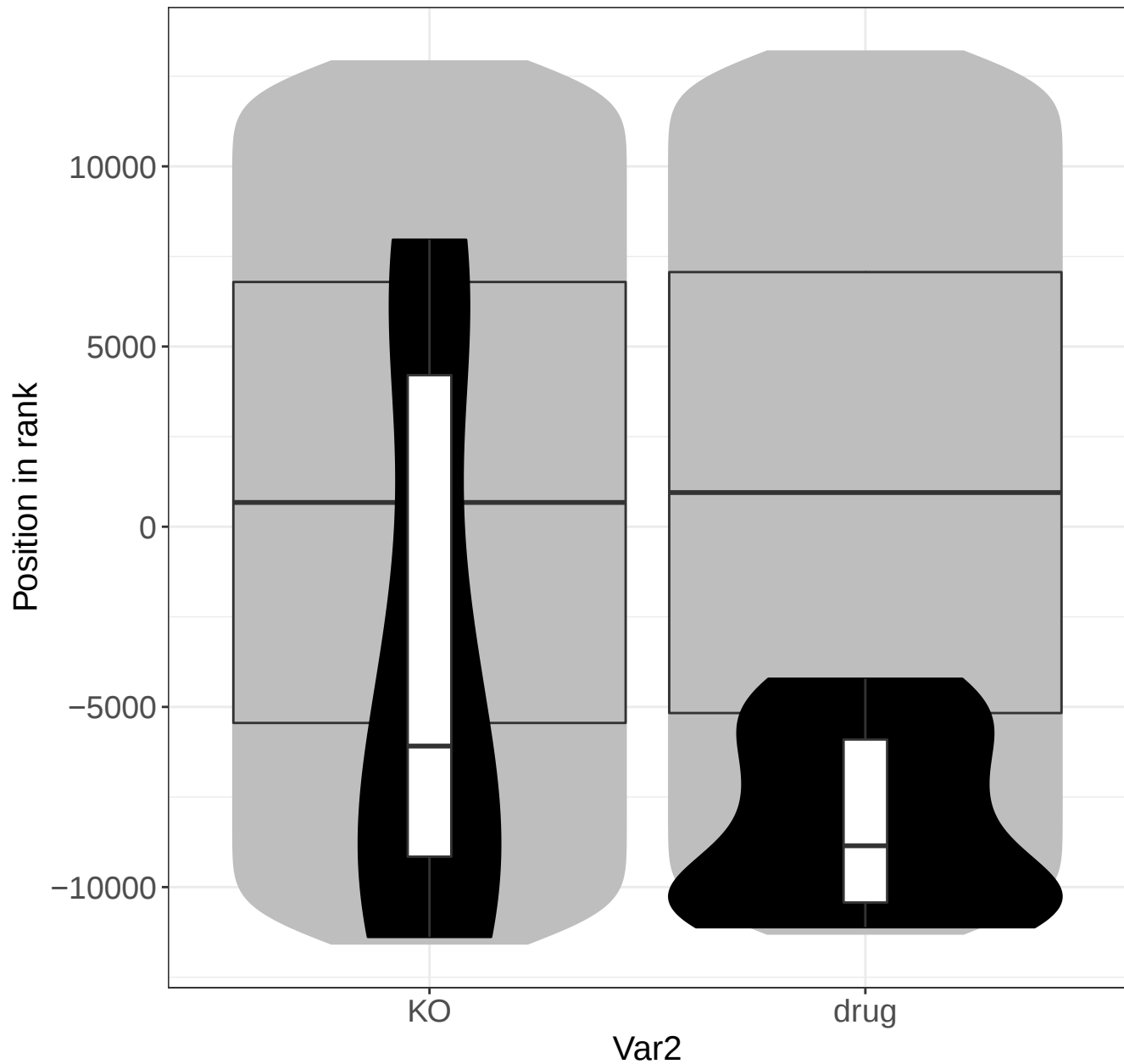
Truncations of AMER1 destabilize the destruction compl



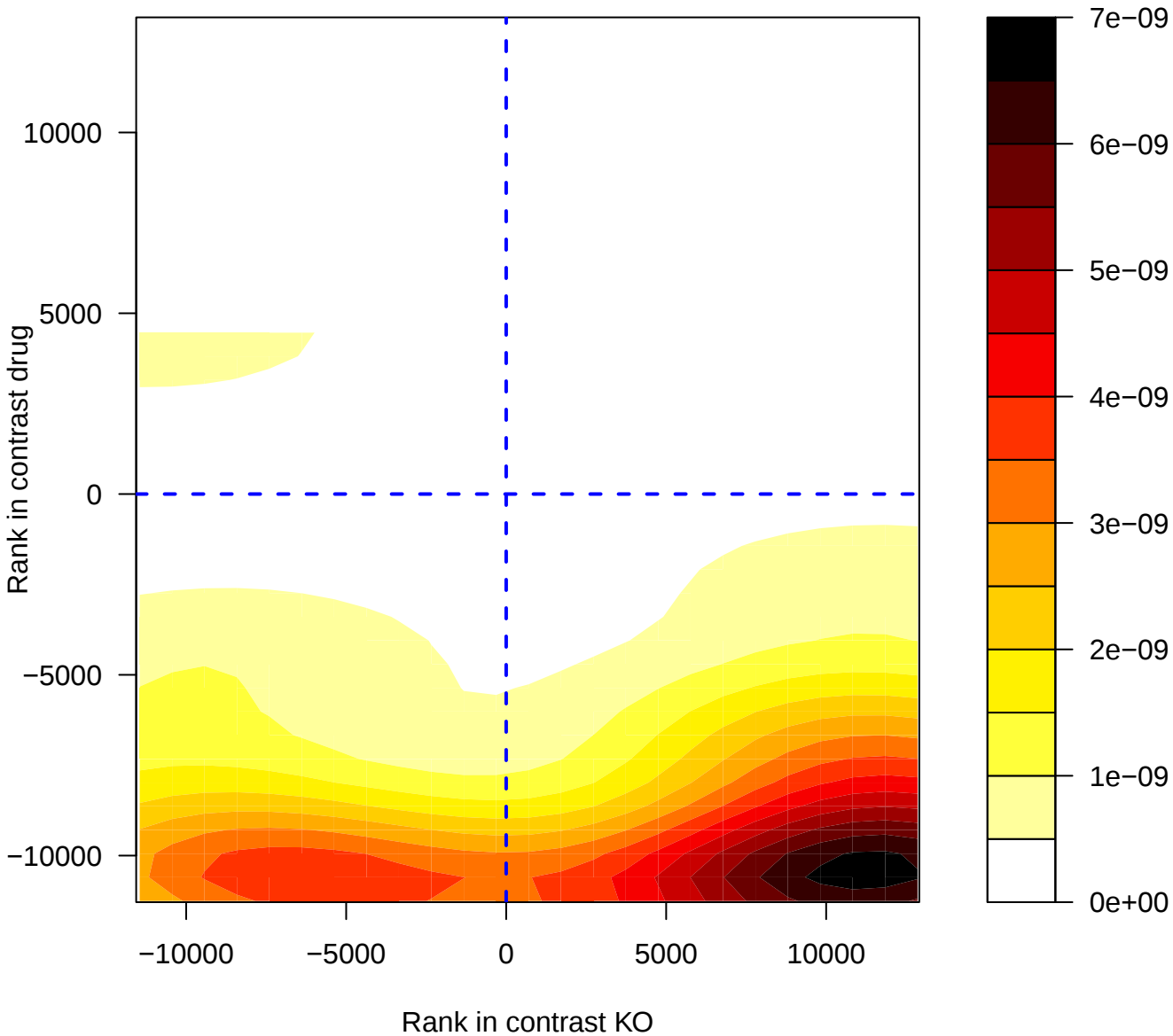
Truncations of AMER1 destabilize the destruction complex



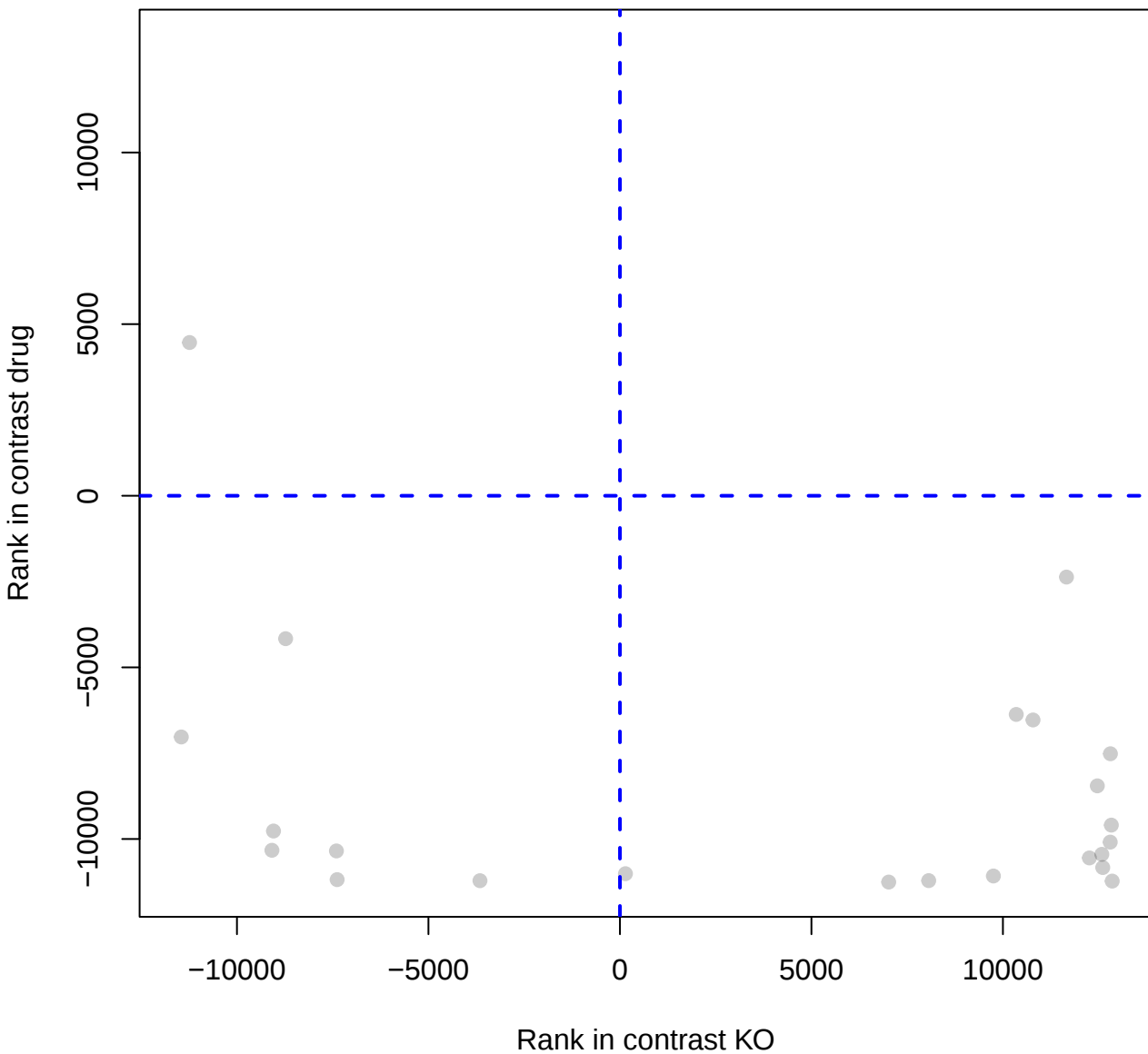
Truncations of AMER1 destabilize the destruction



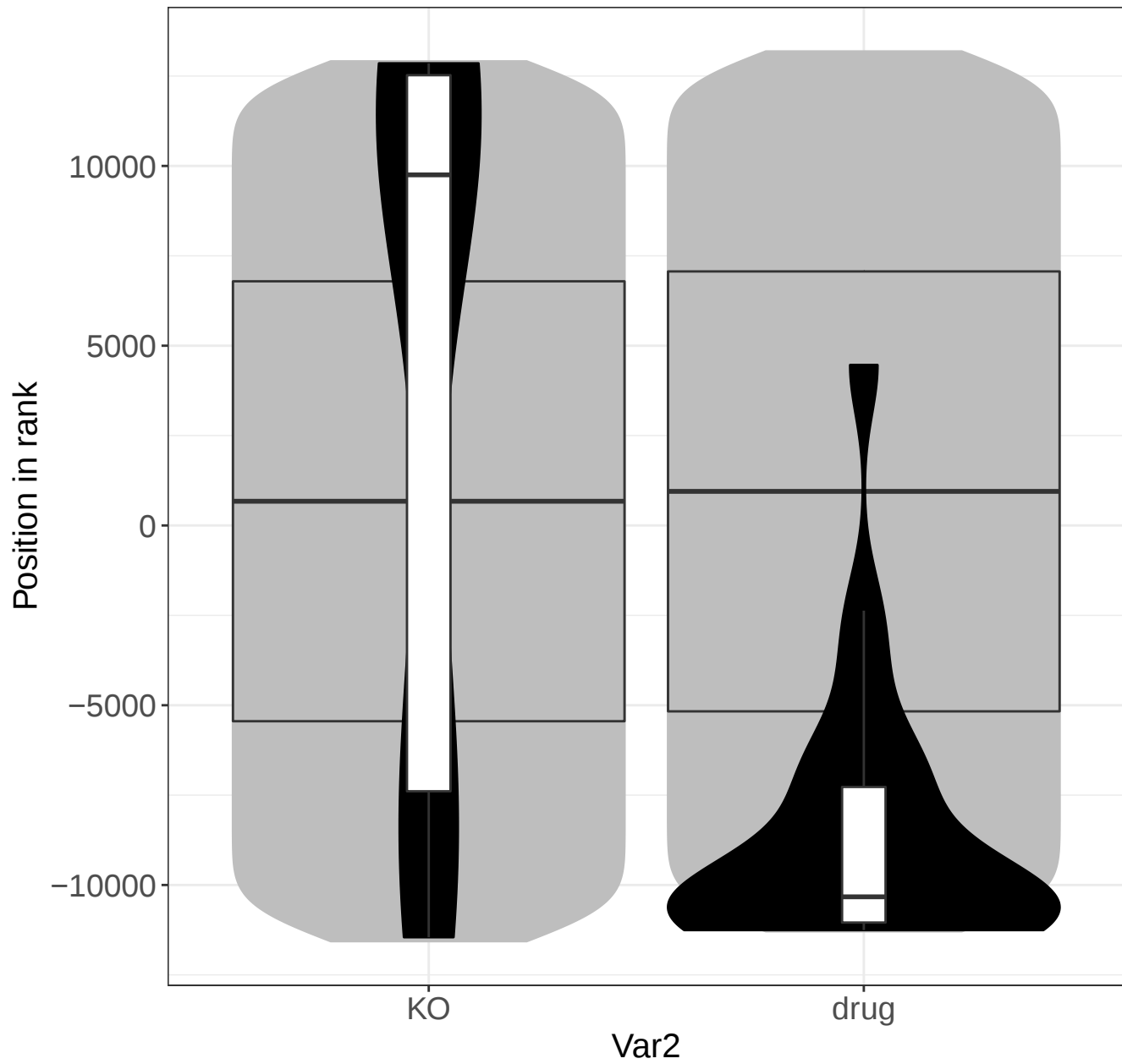
Laminin interactions



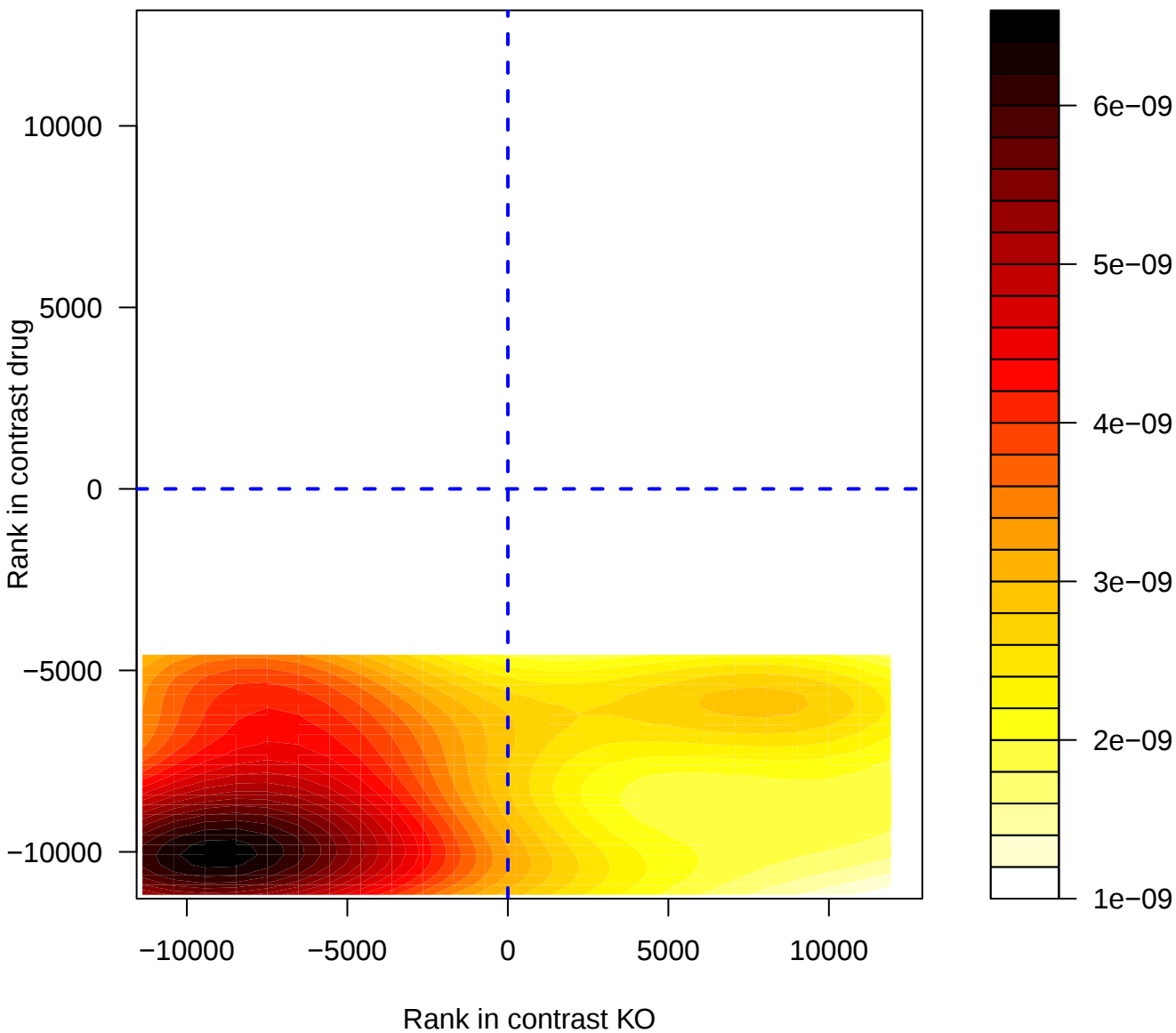
Laminin interactions



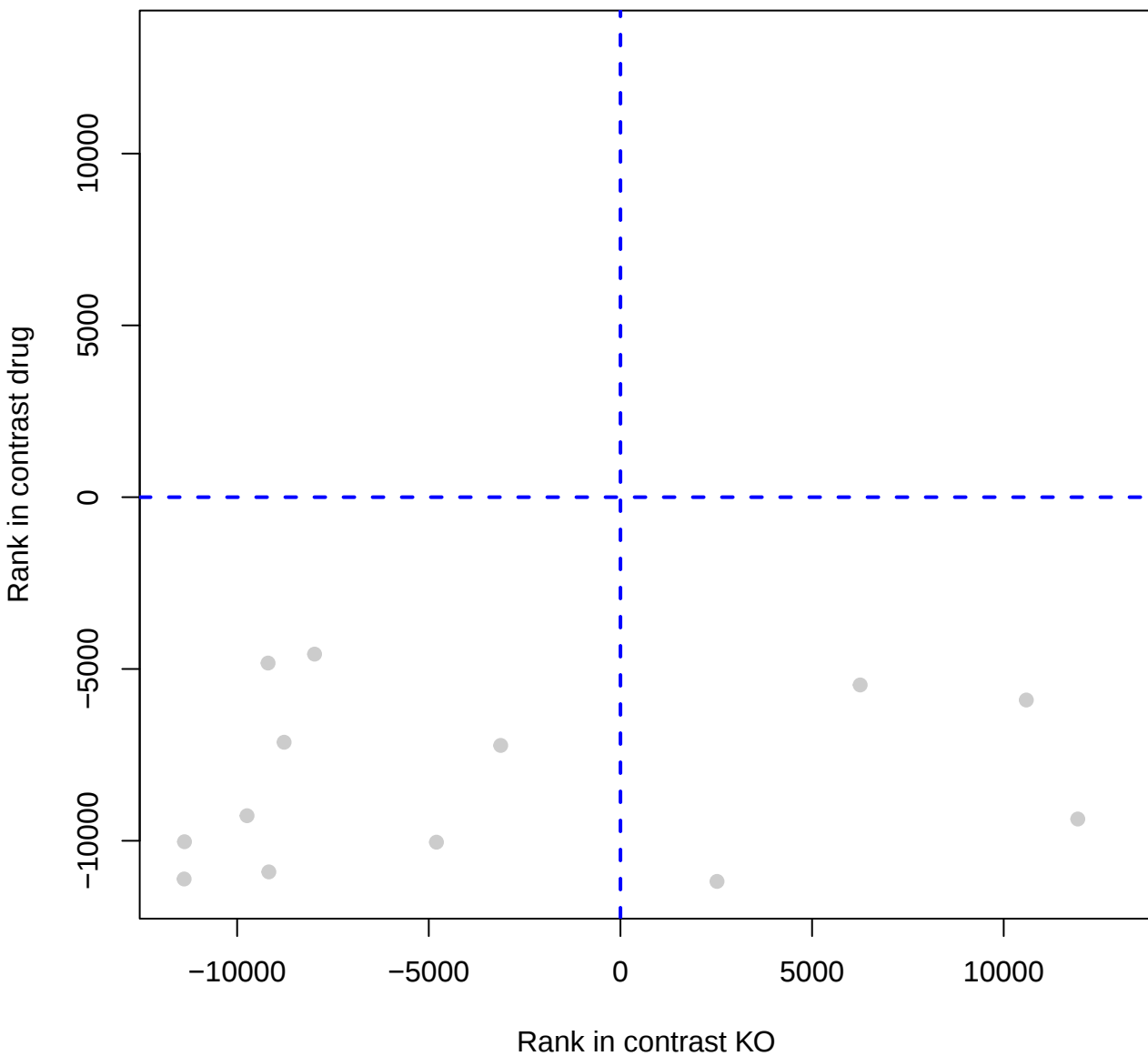
Laminin interactions



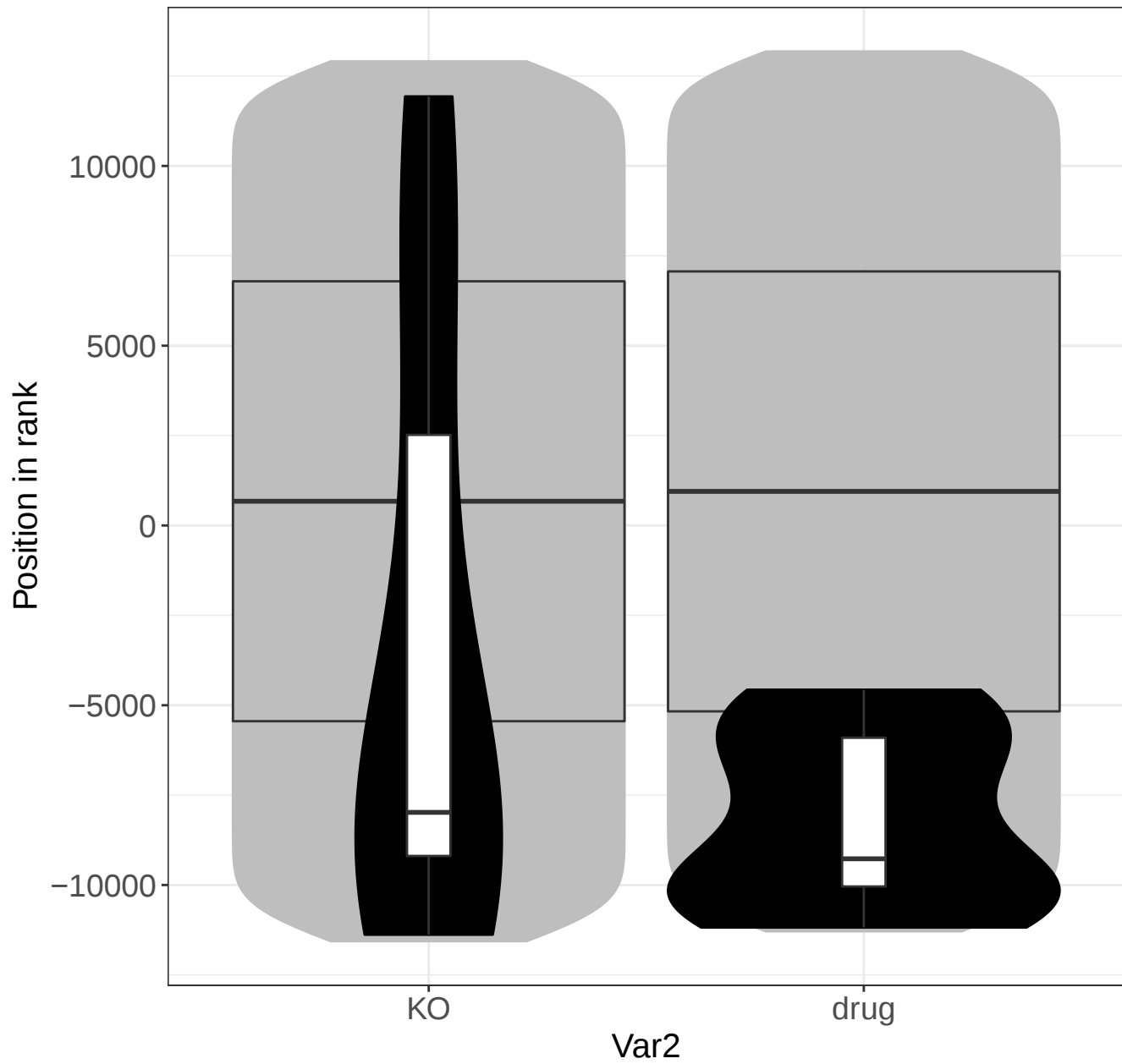
ERKs are inactivated



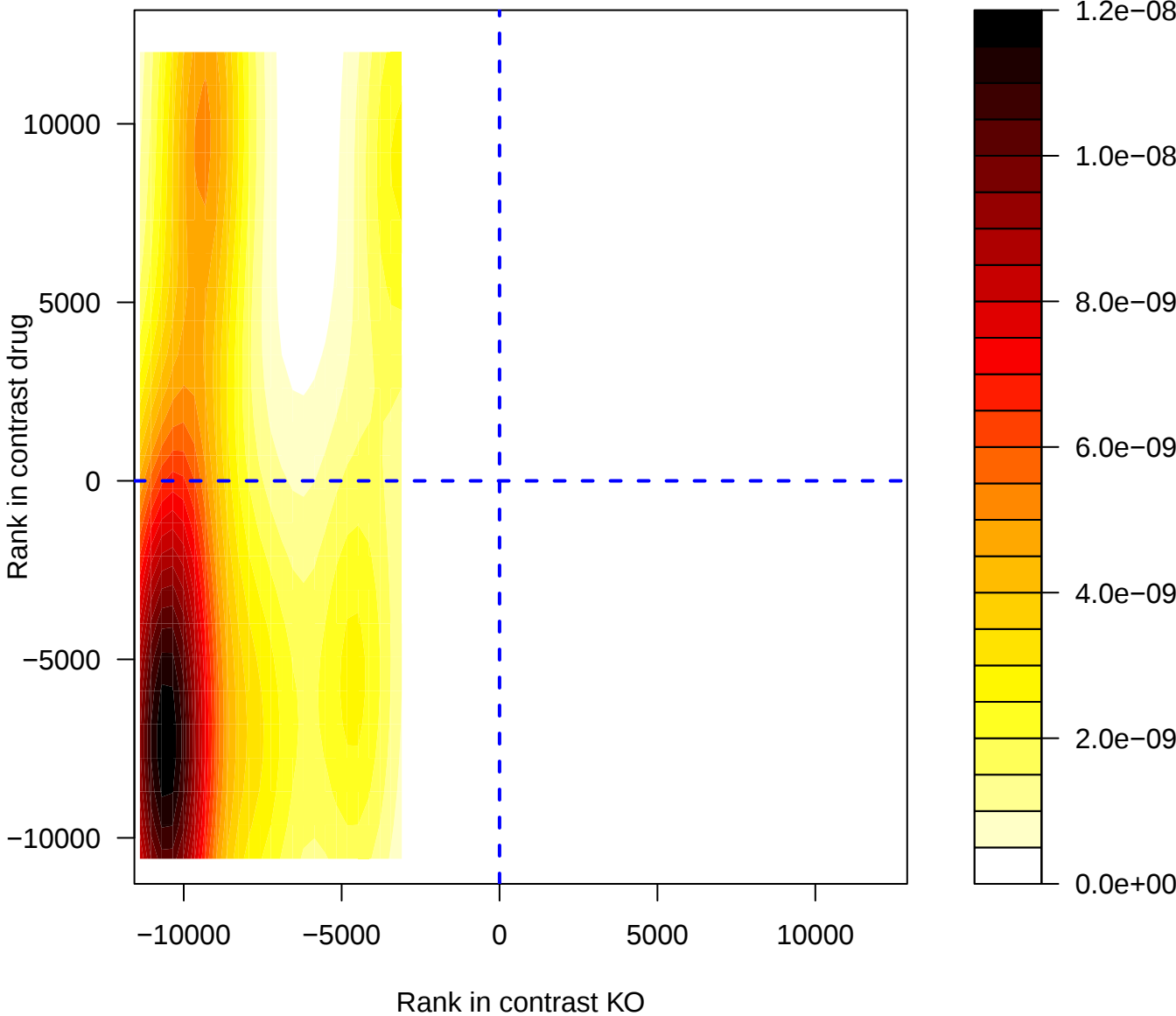
ERKs are inactivated



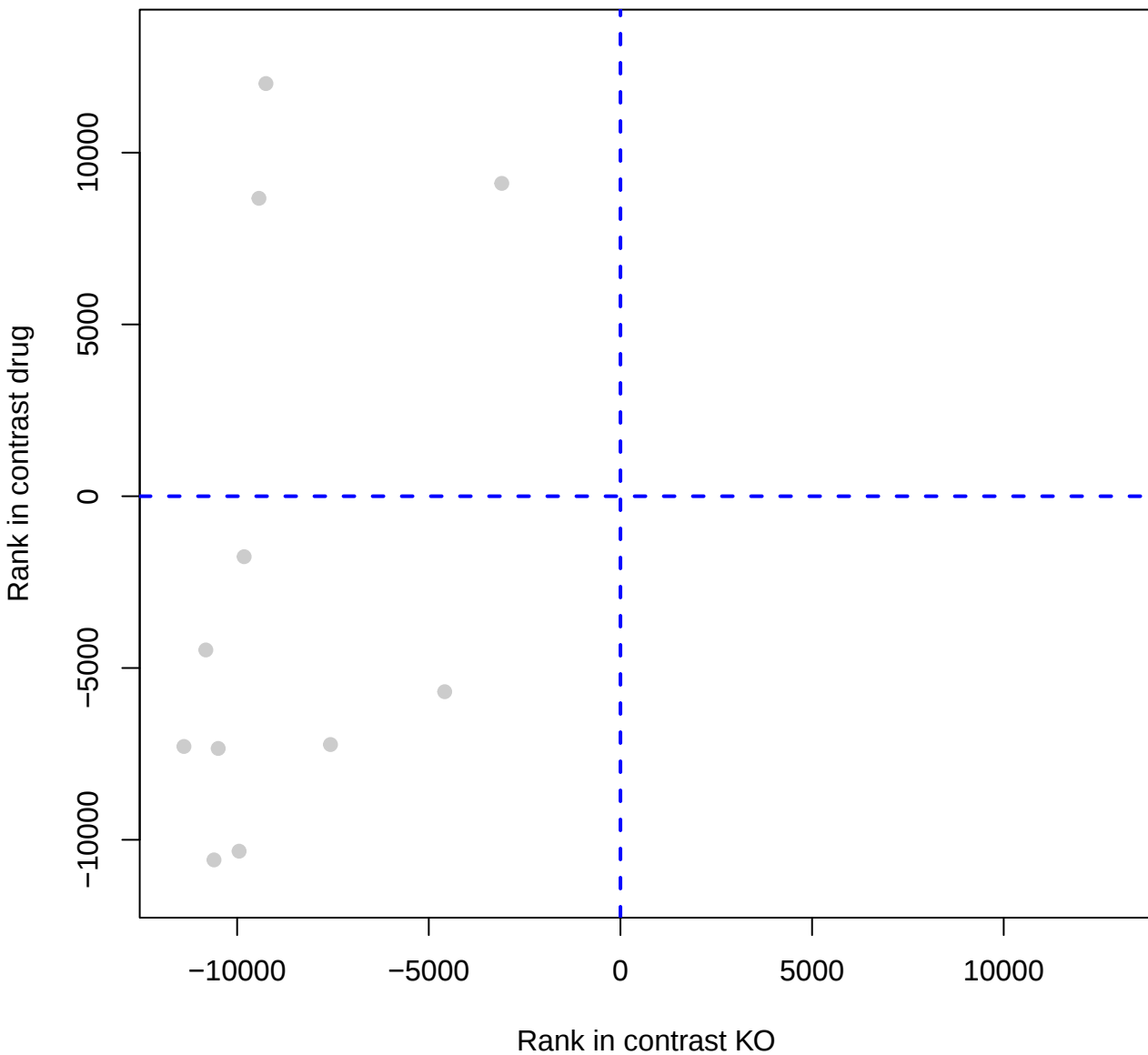
ERKs are inactivated



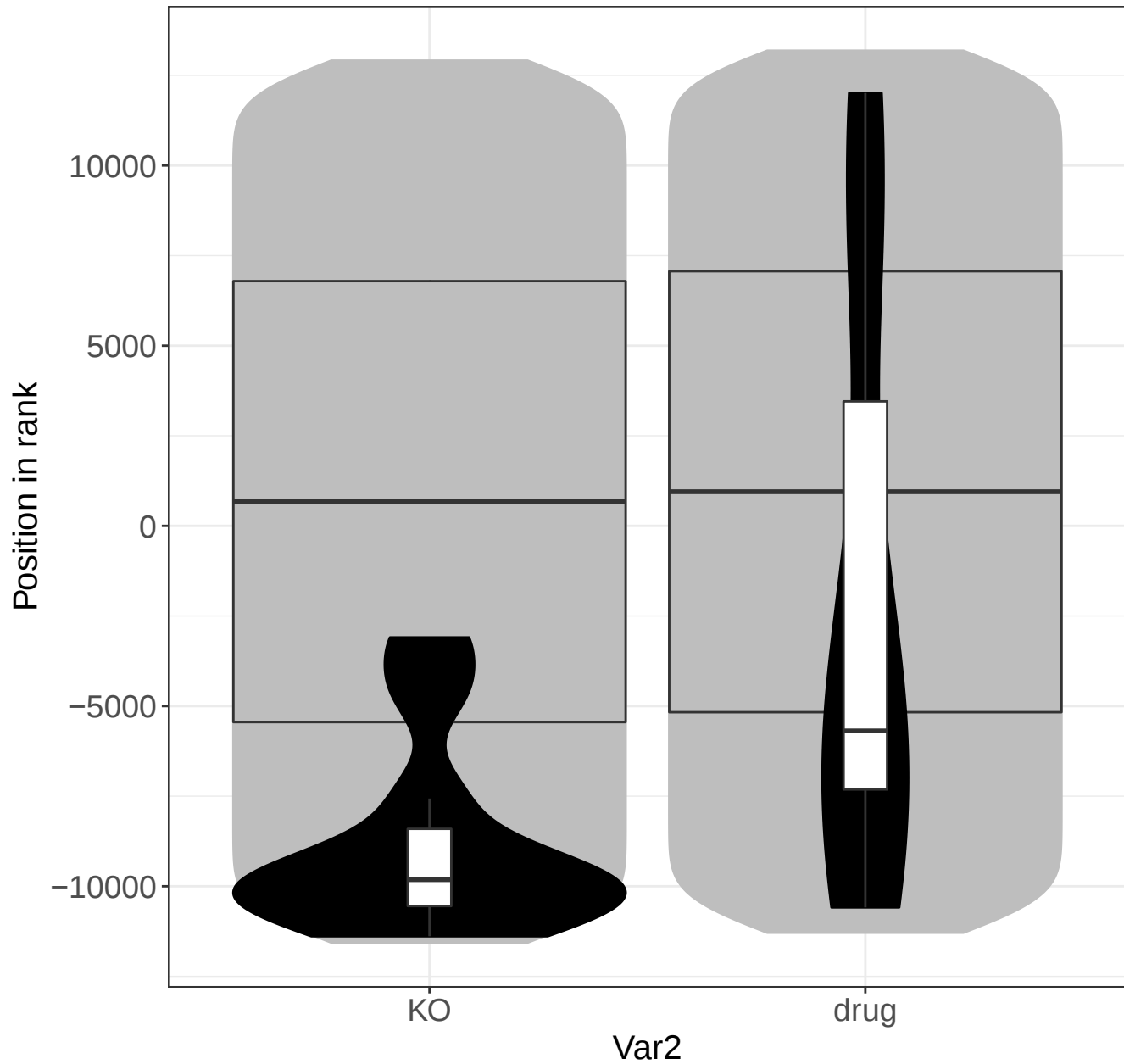
Receptor Mediated Mitophagy



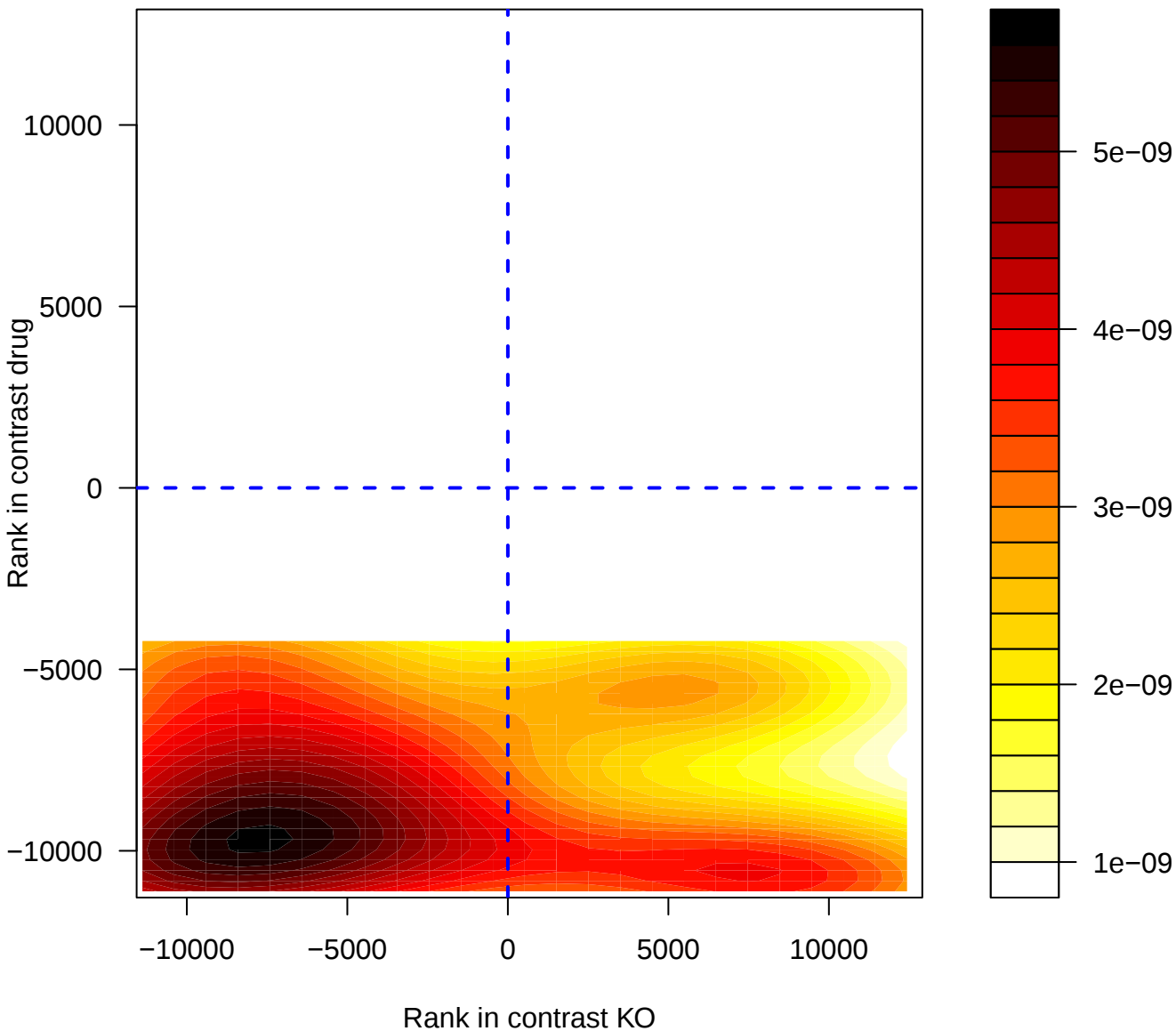
Receptor Mediated Mitophagy



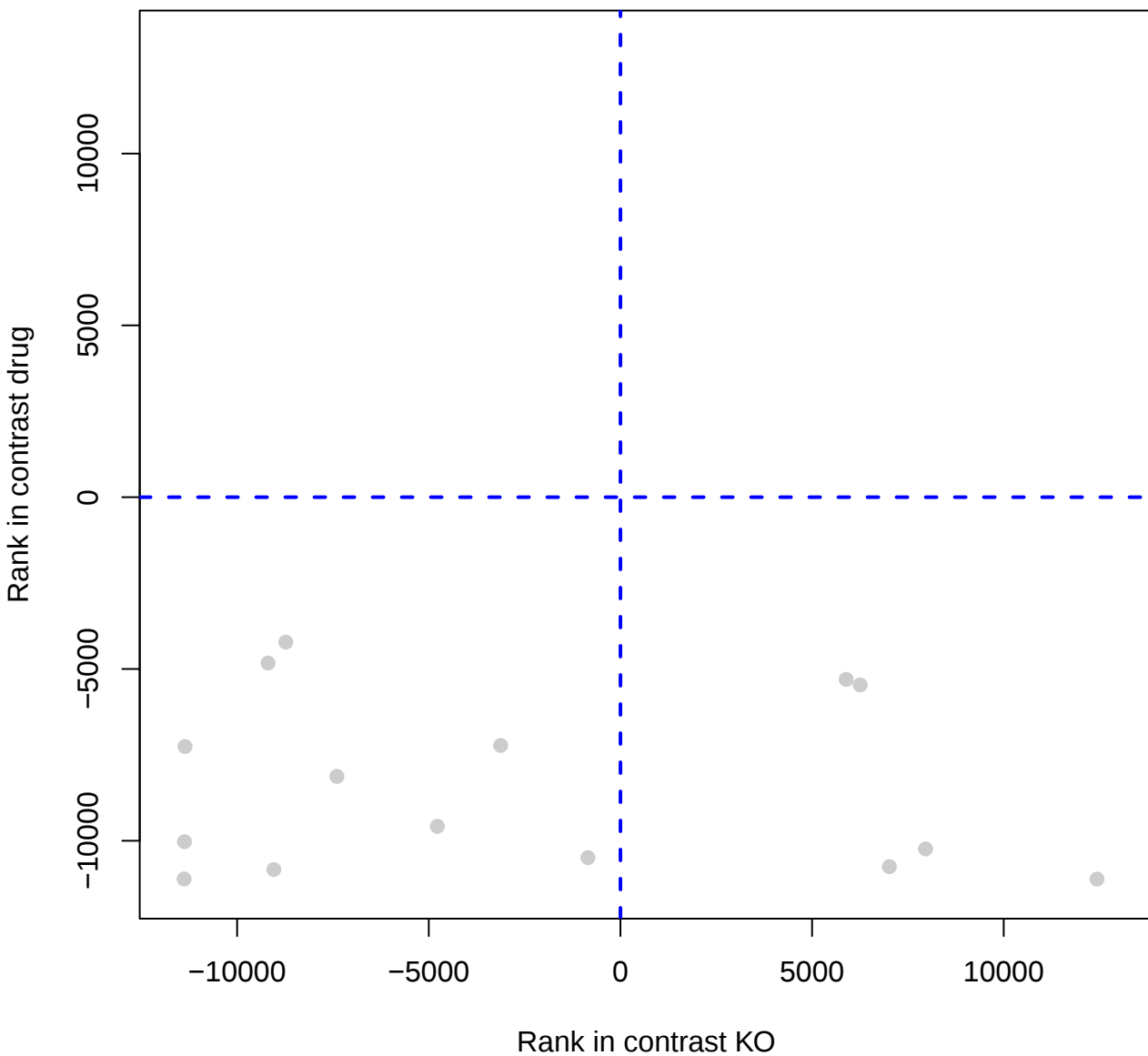
Receptor Mediated Mitophagy



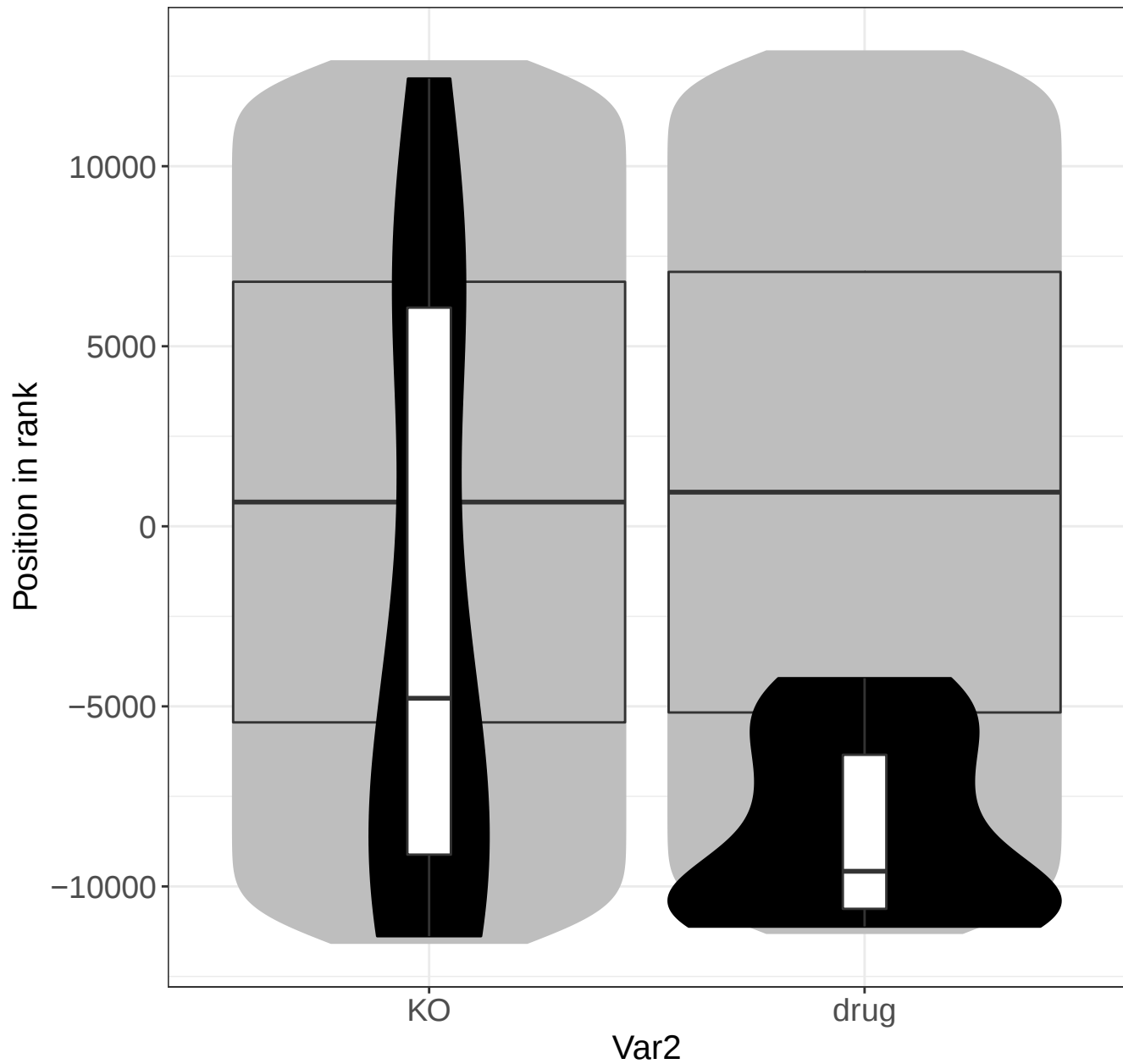
S33 mutants of beta-catenin aren't phosphorylated



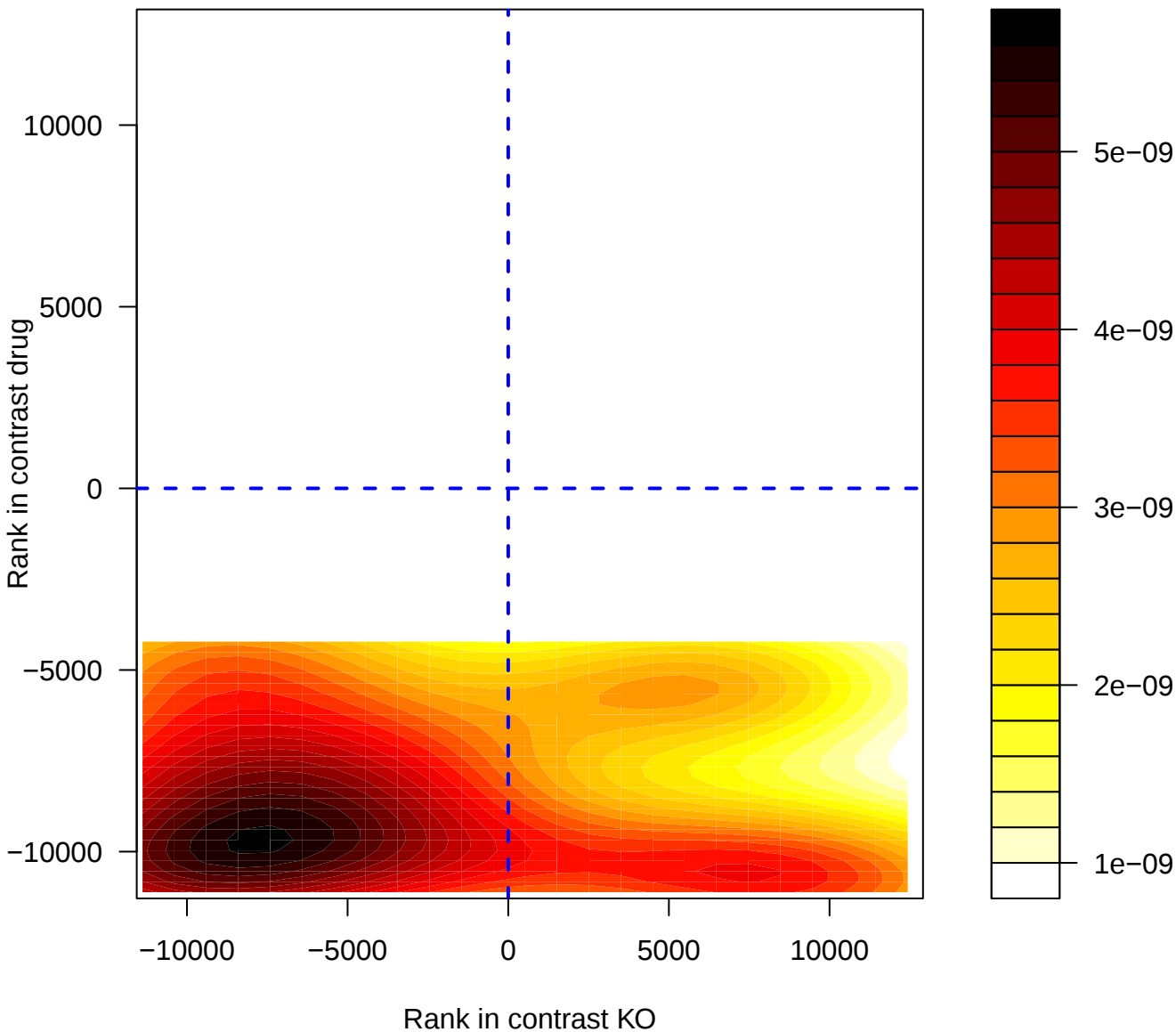
S33 mutants of beta-catenin aren't phosphorylated



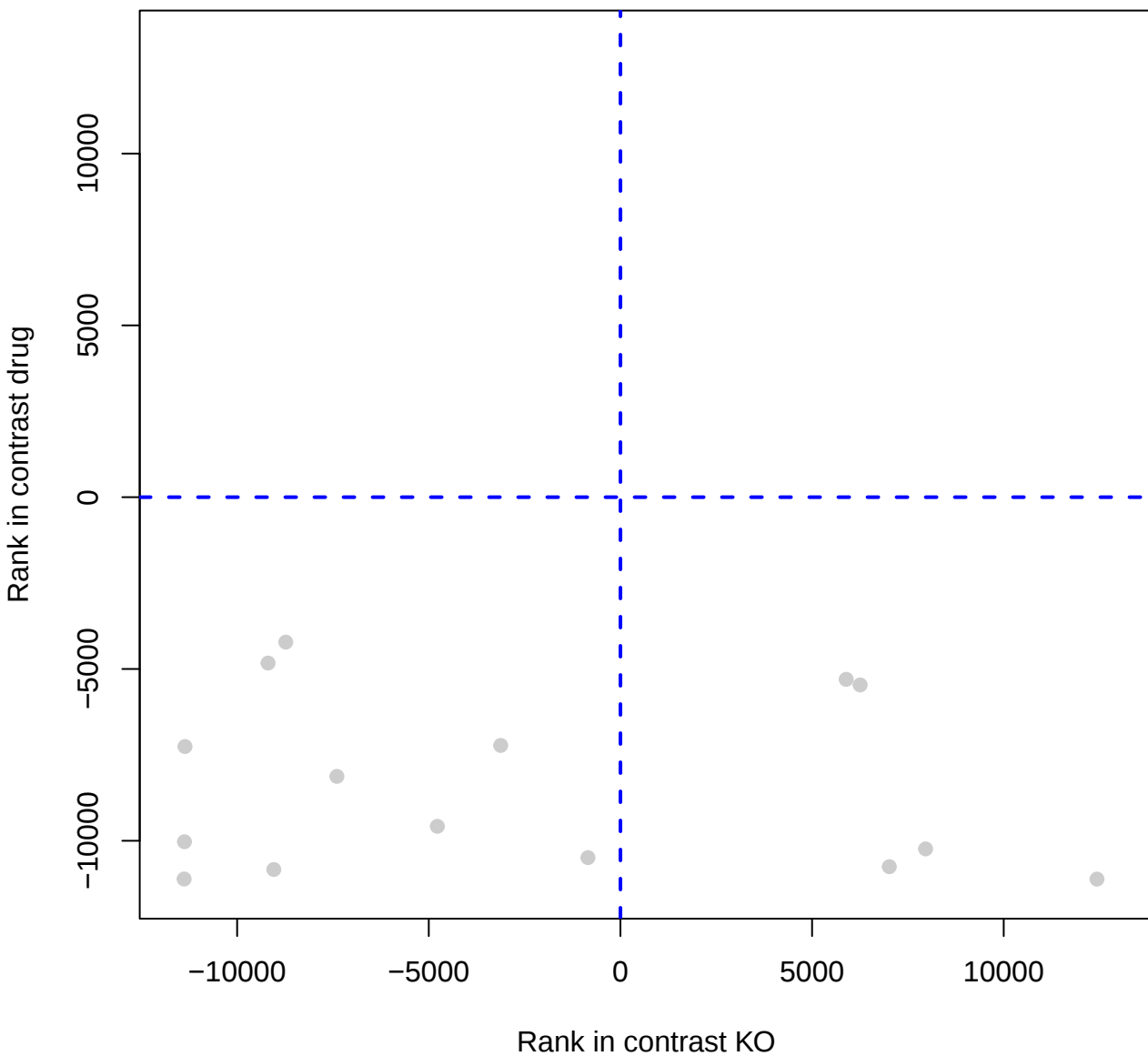
S33 mutants of beta-catenin aren't phosphorylat



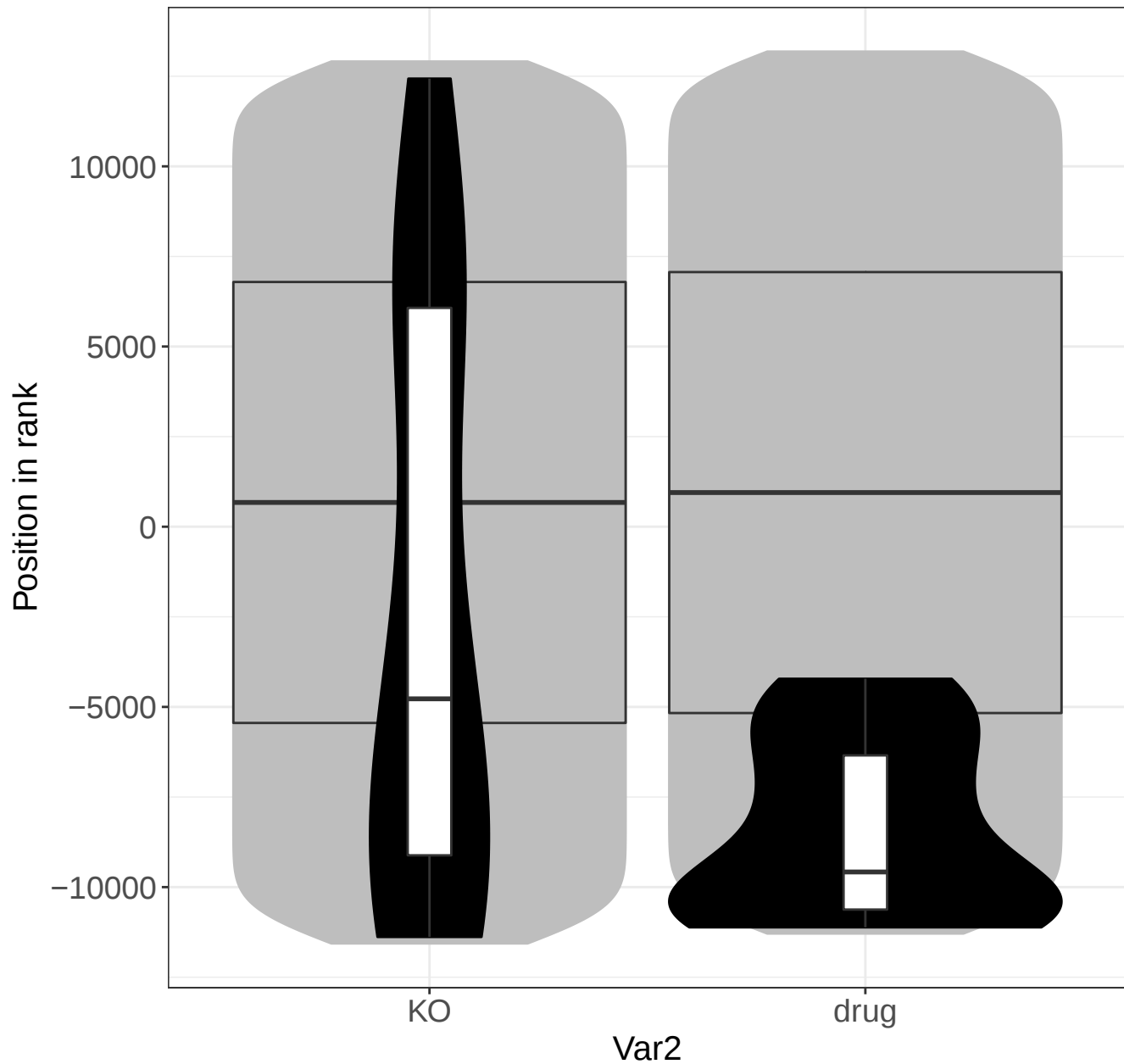
S37 mutants of beta-catenin aren't phosphorylated



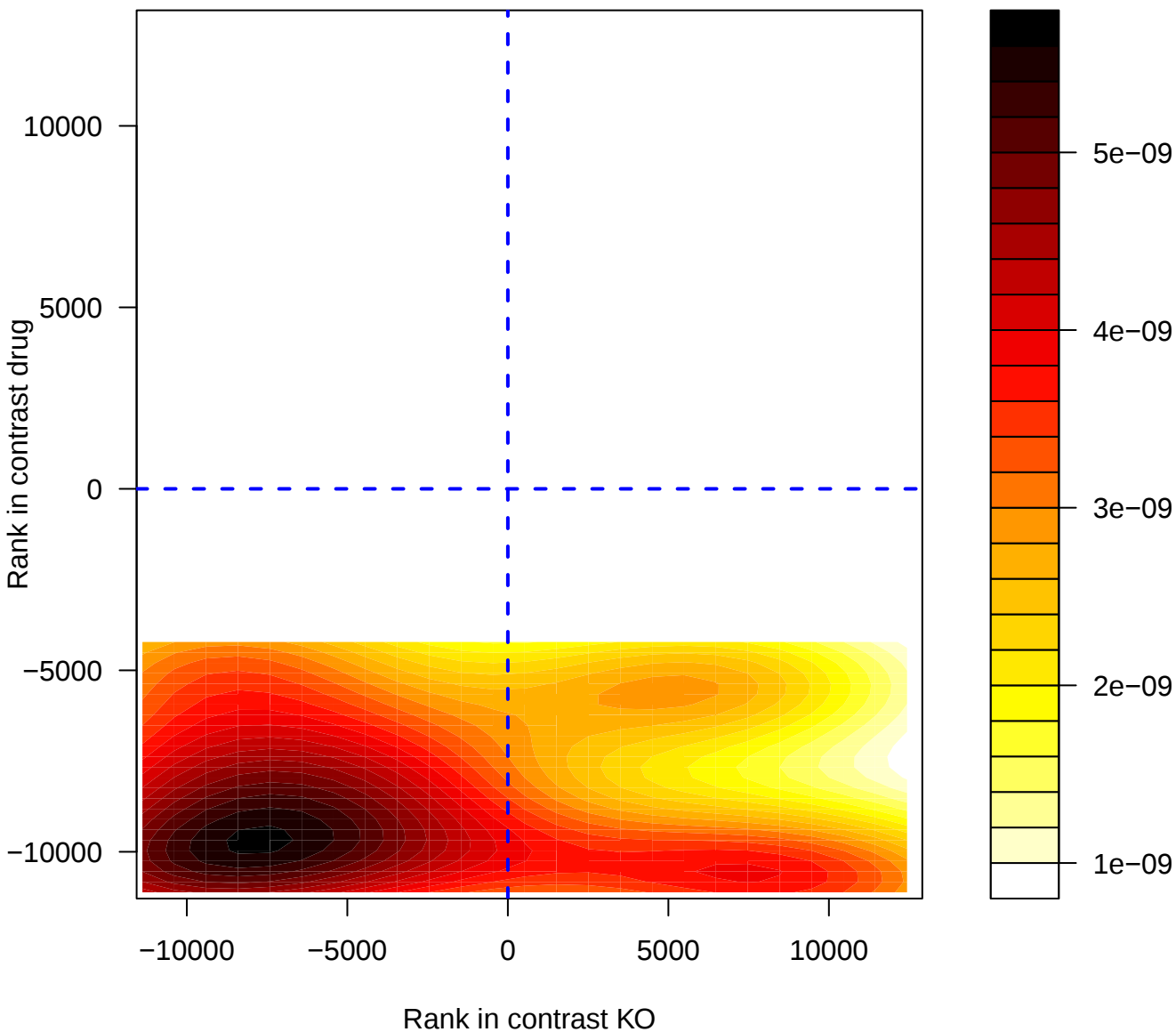
S37 mutants of beta-catenin aren't phosphorylated



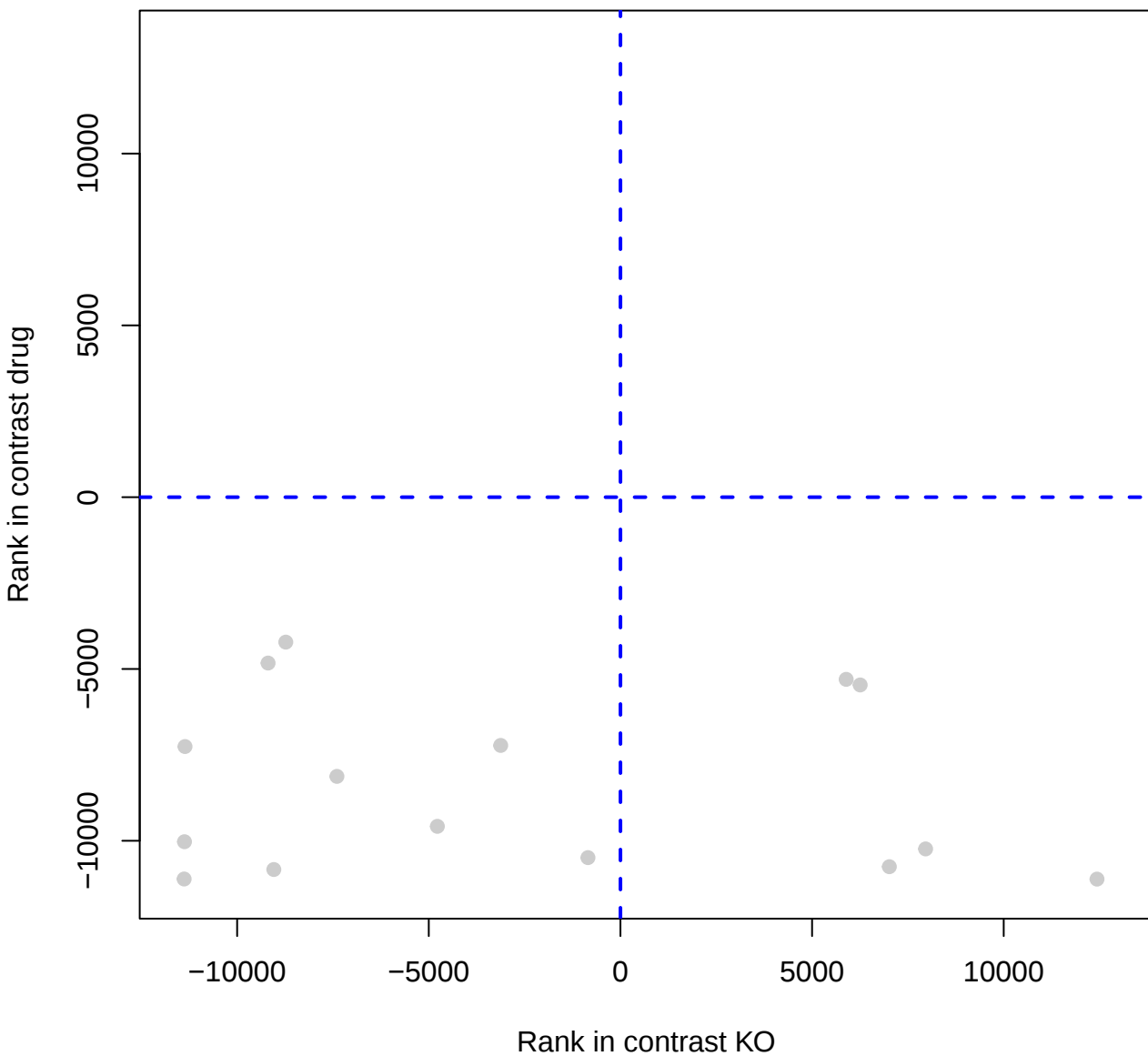
S37 mutants of beta-catenin aren't phosphorylat



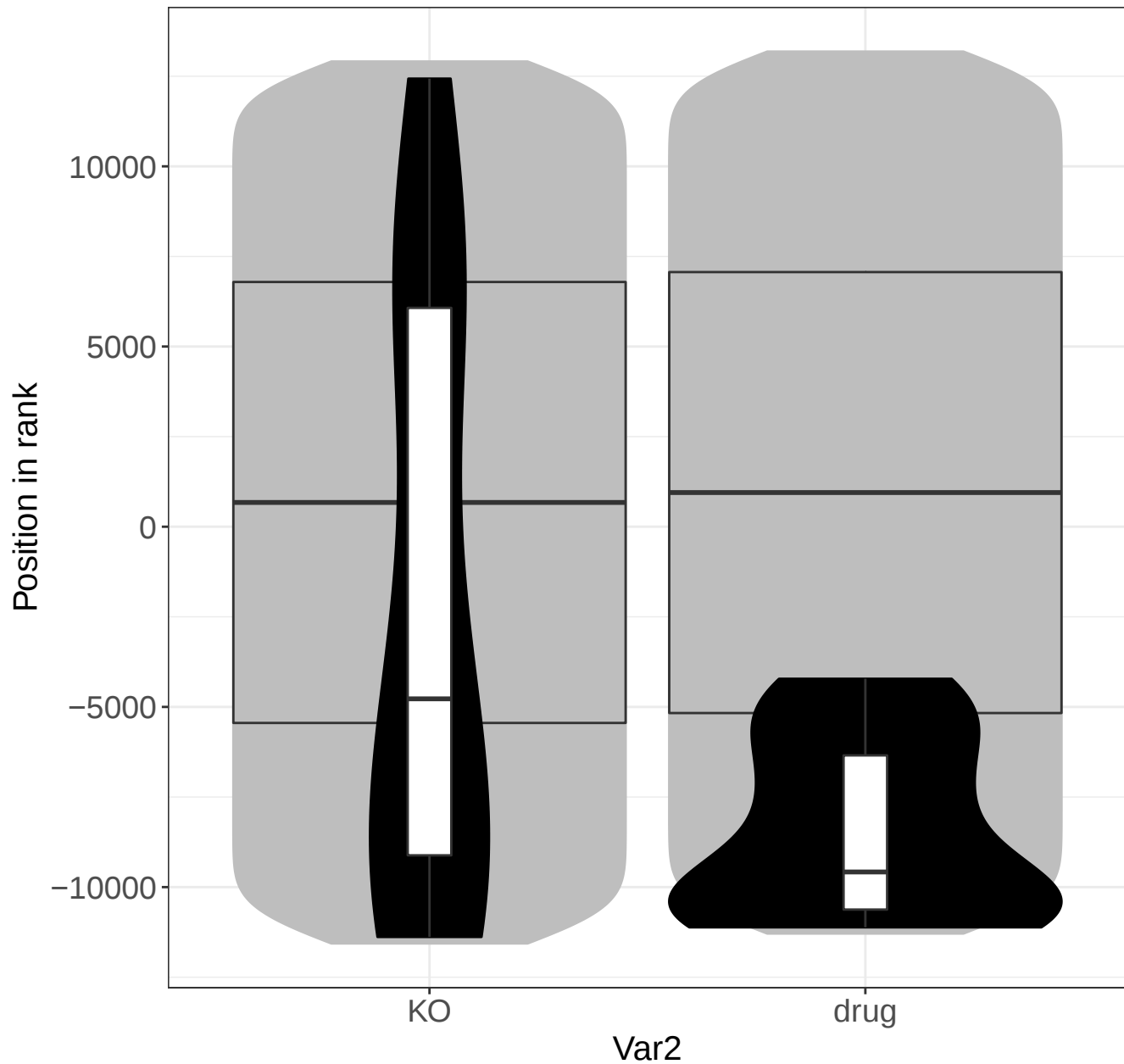
S45 mutants of beta-catenin aren't phosphorylated



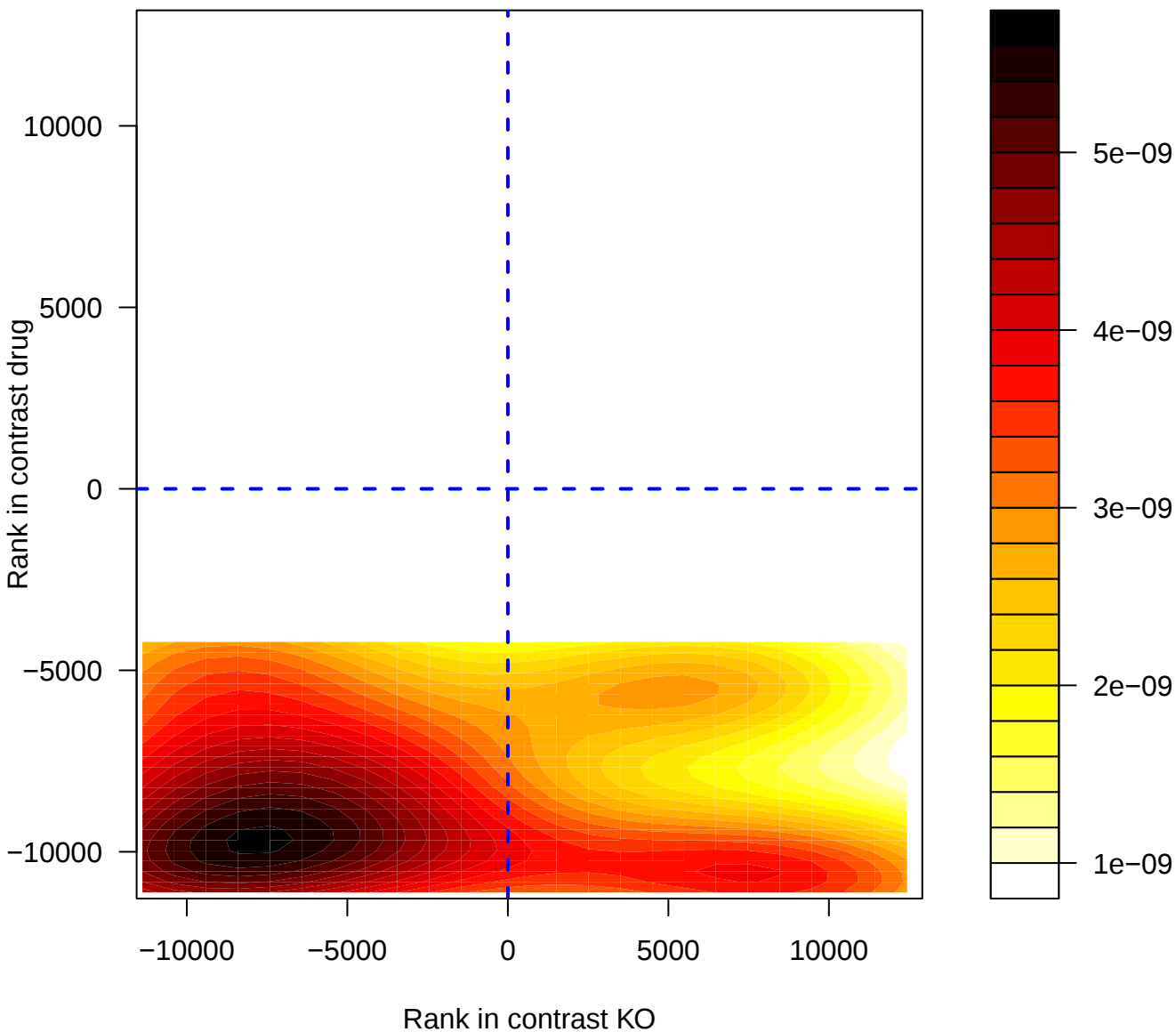
S45 mutants of beta-catenin aren't phosphorylated



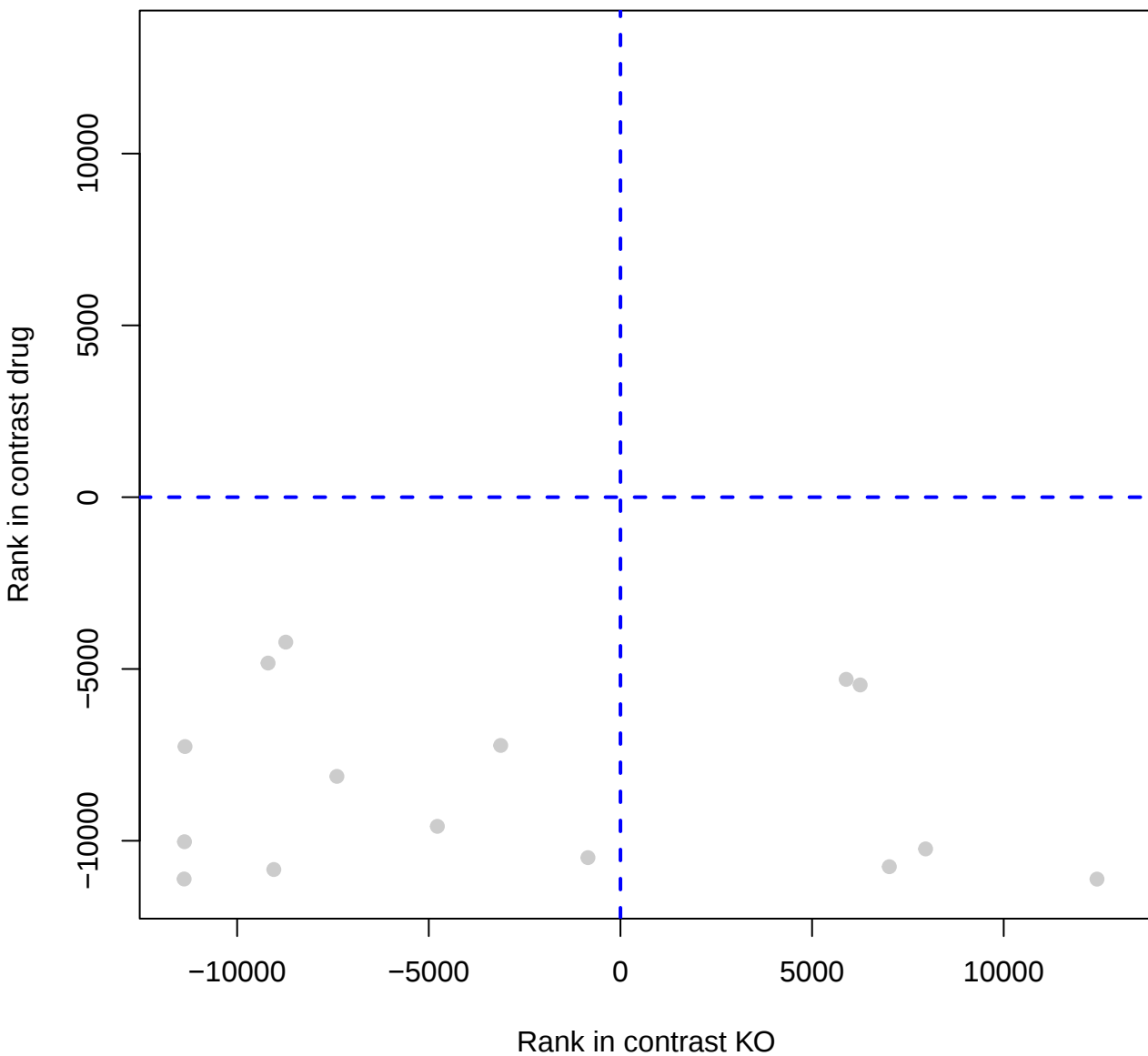
S45 mutants of beta-catenin aren't phosphorylat



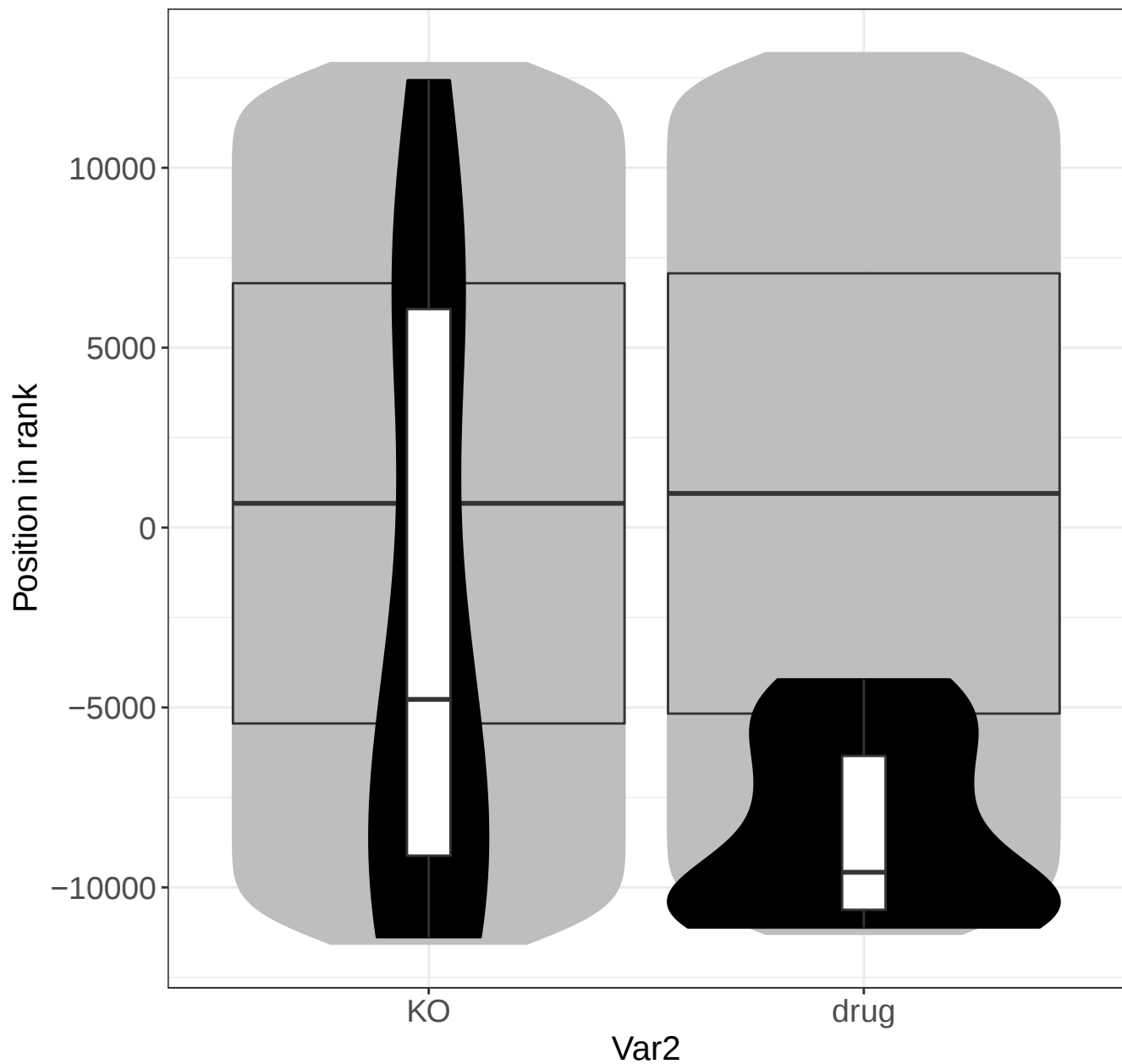
Signaling by CTNNB1 phospho-site mutants



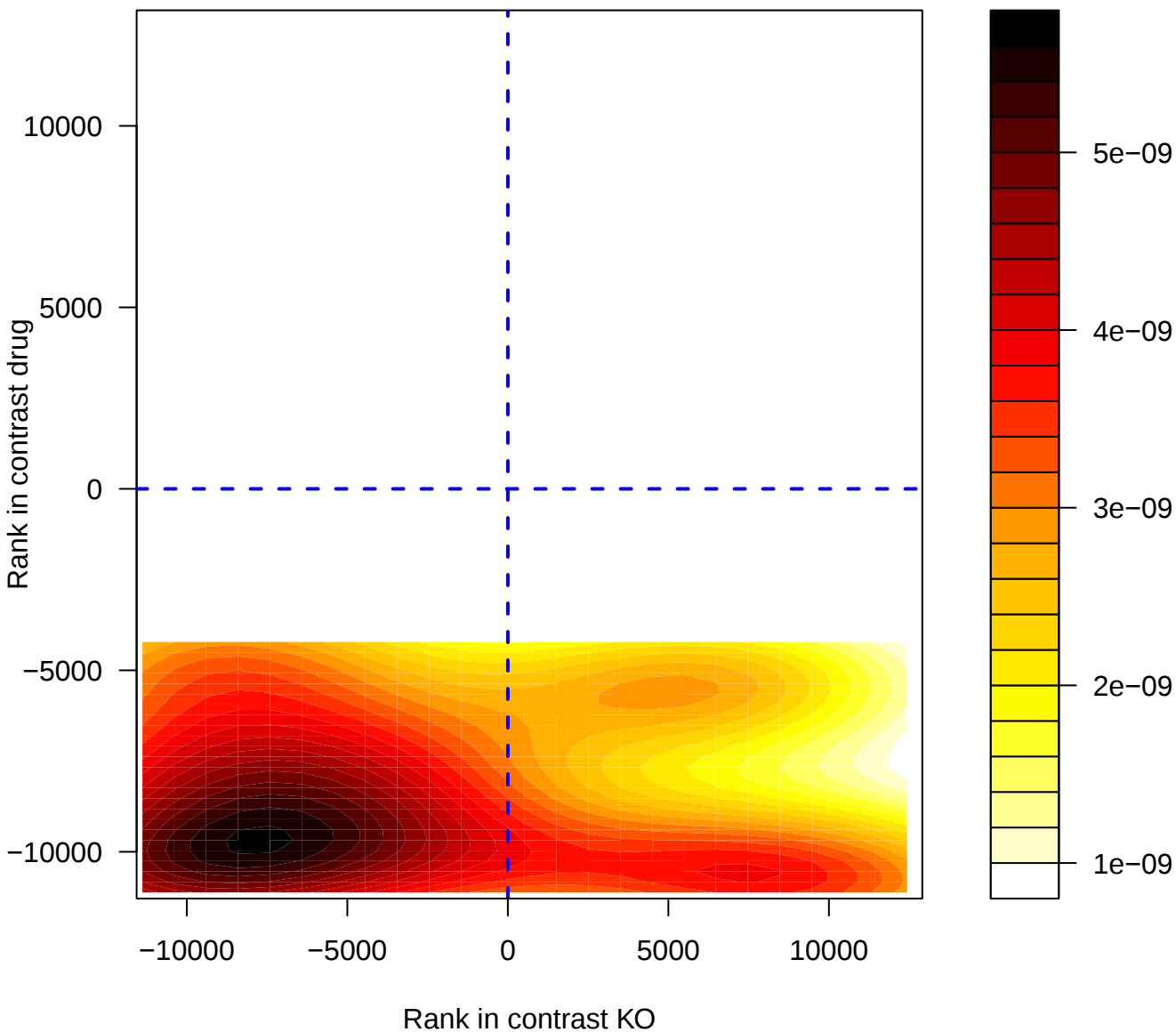
Signaling by CTNNB1 phospho-site mutants



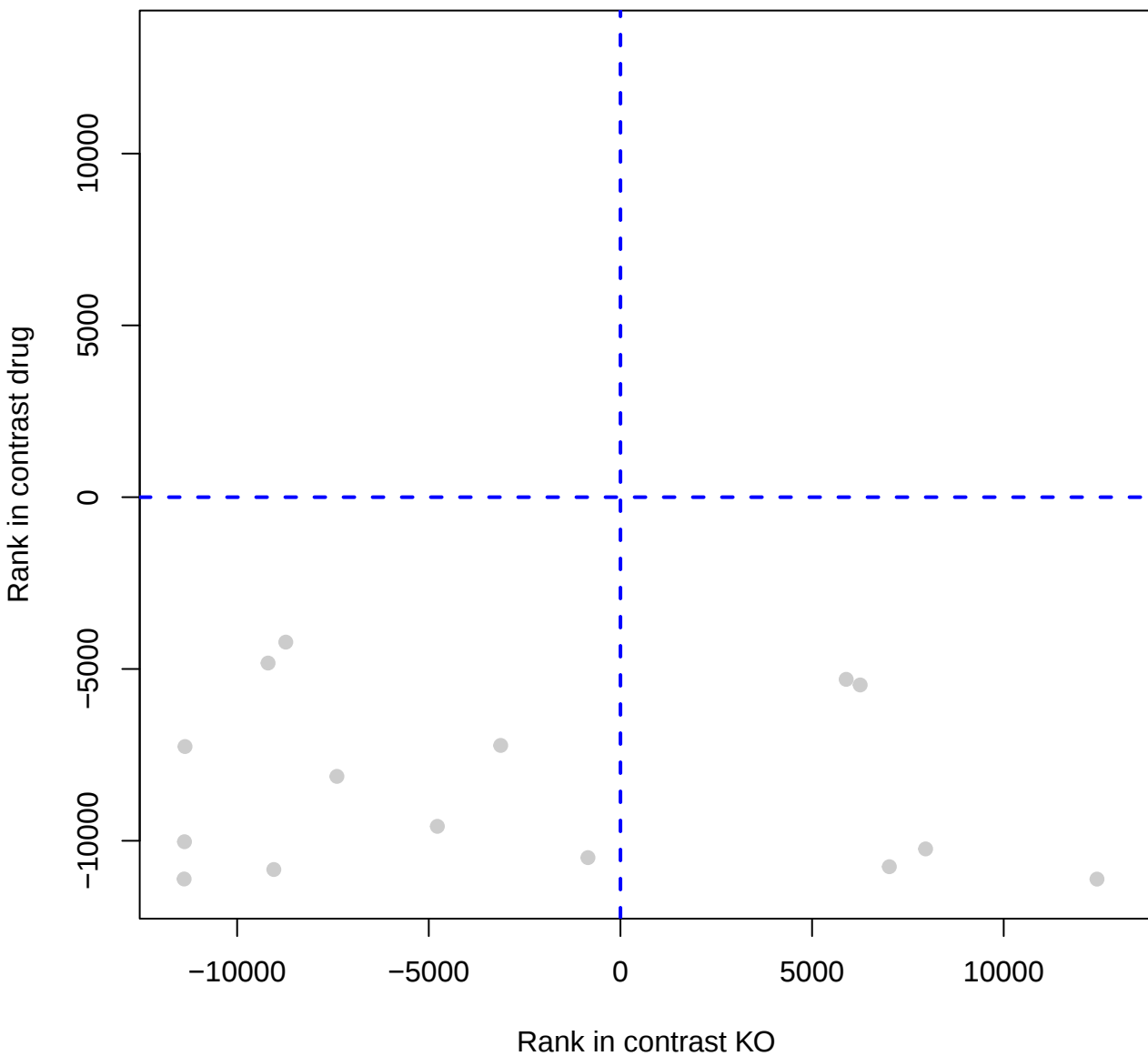
Signaling by CTNNB1 phospho-site mutants



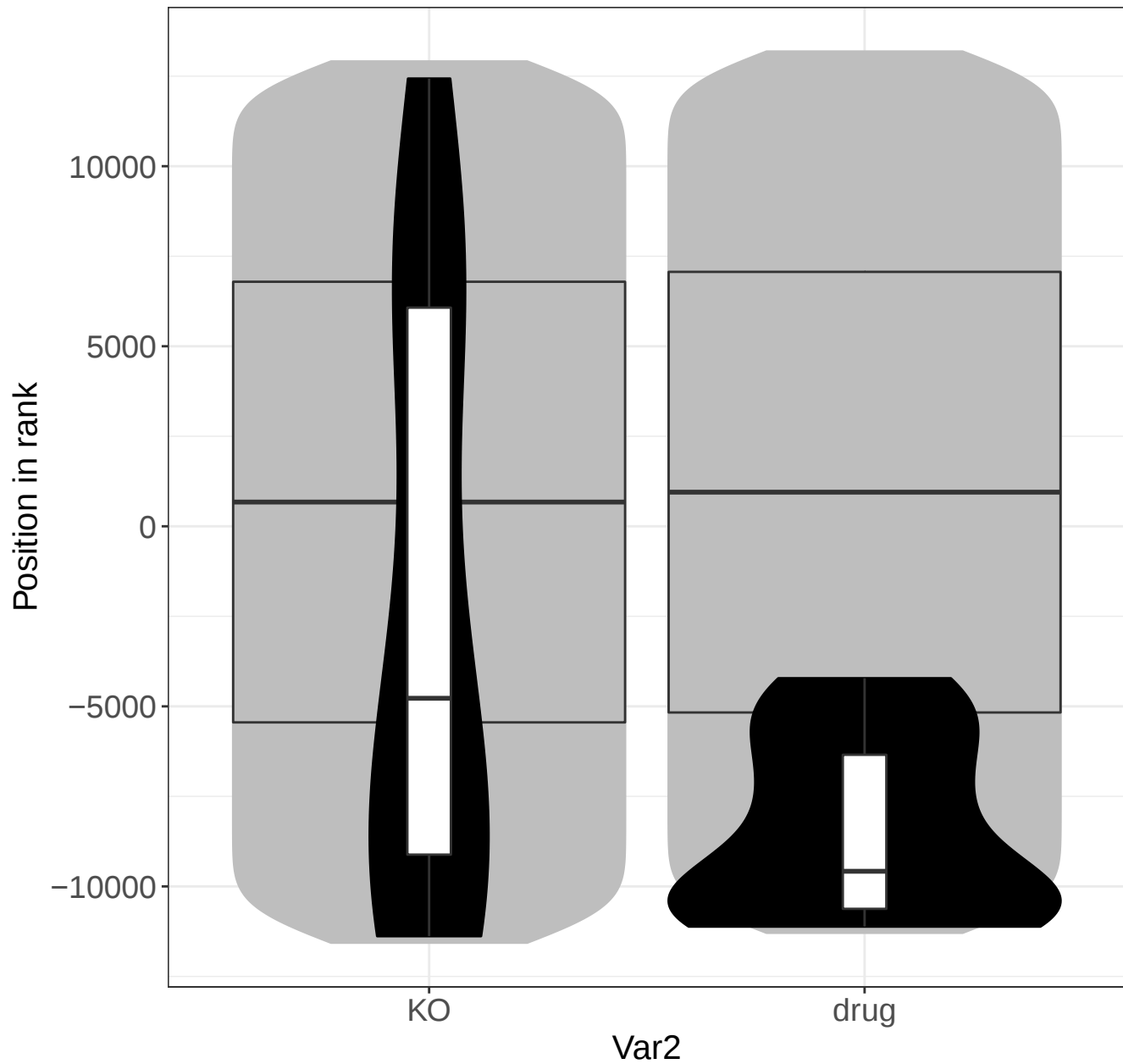
Signaling by GSK3beta mutants



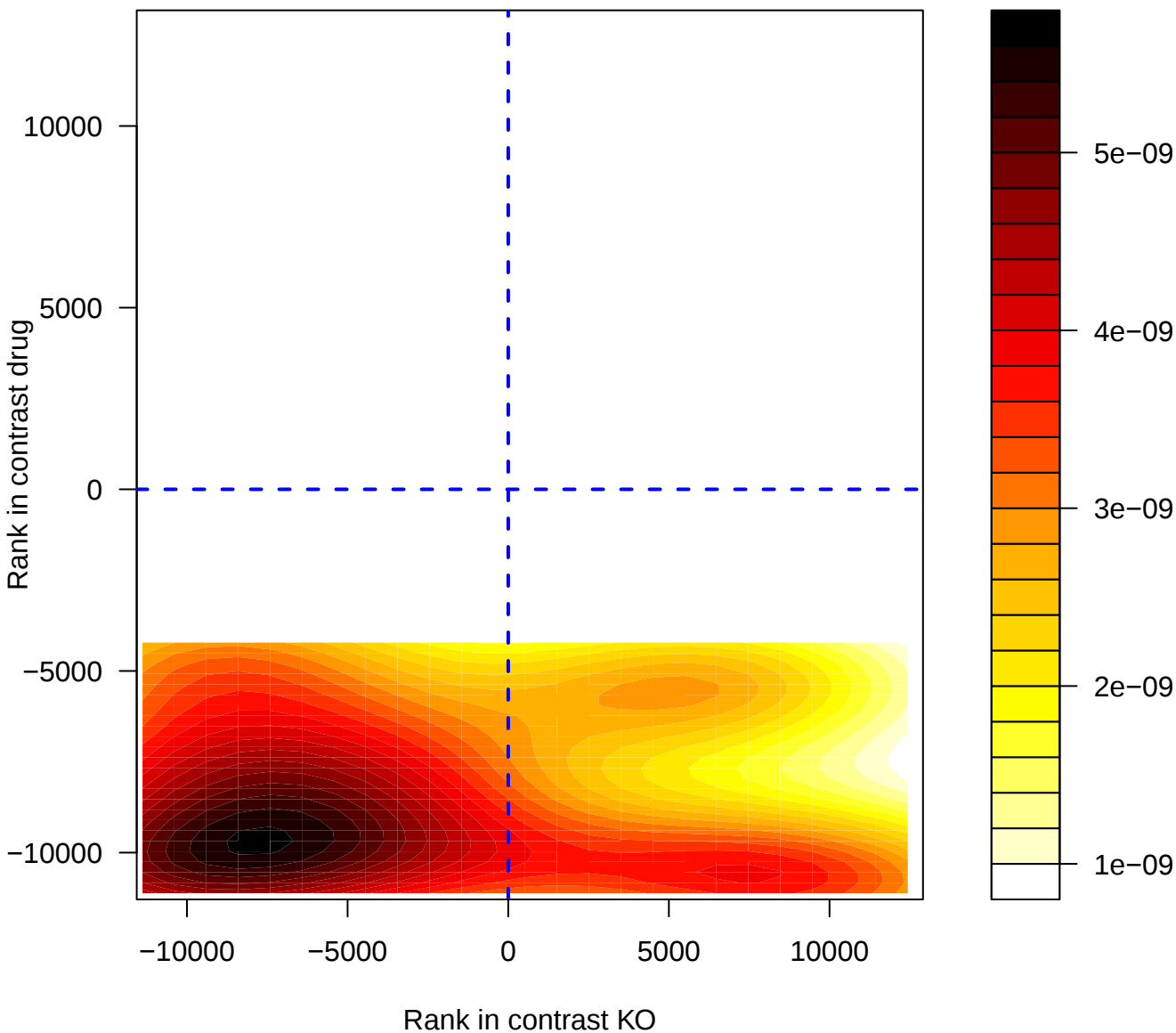
Signaling by GSK3beta mutants



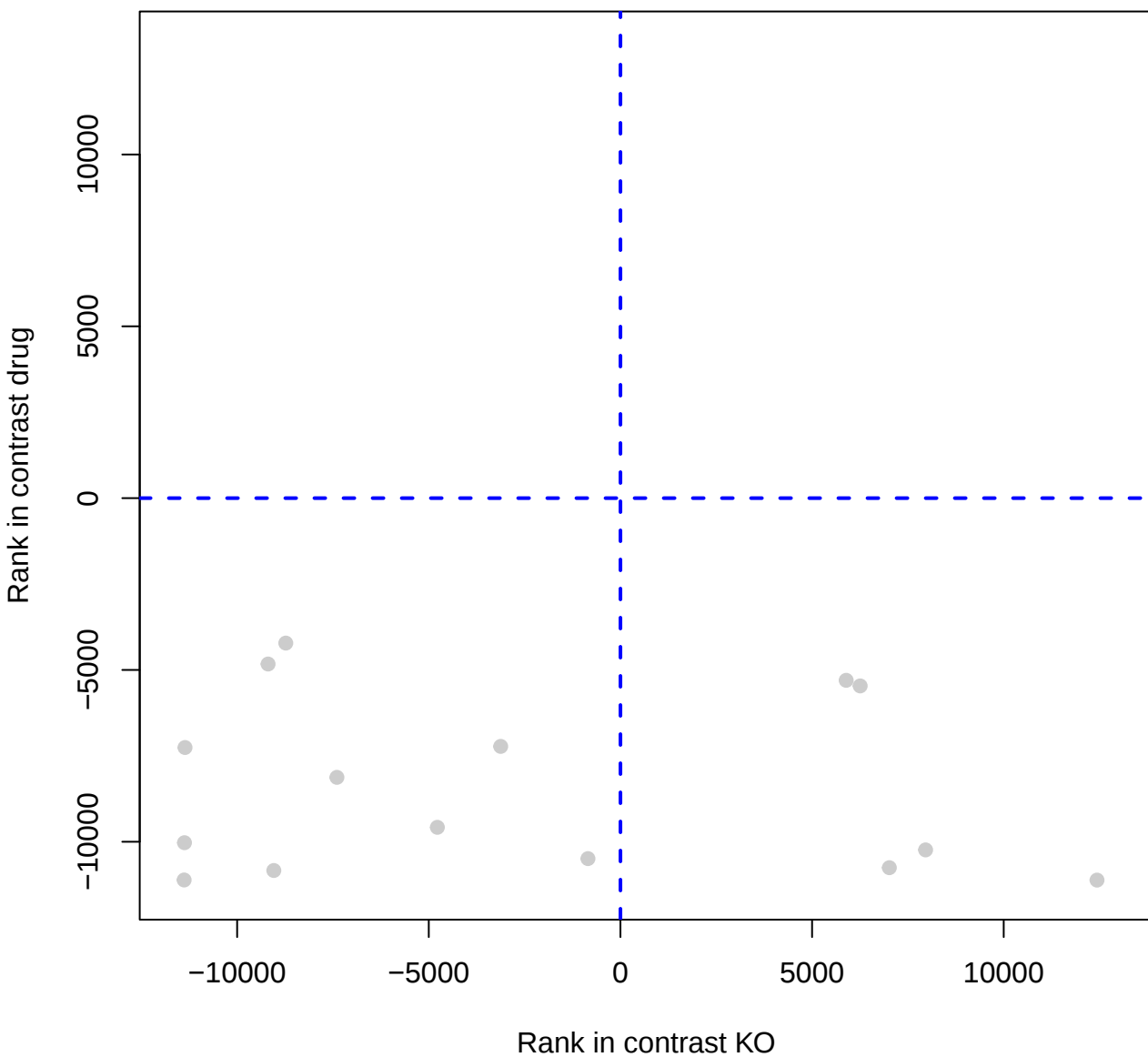
Signaling by GSK3beta mutants



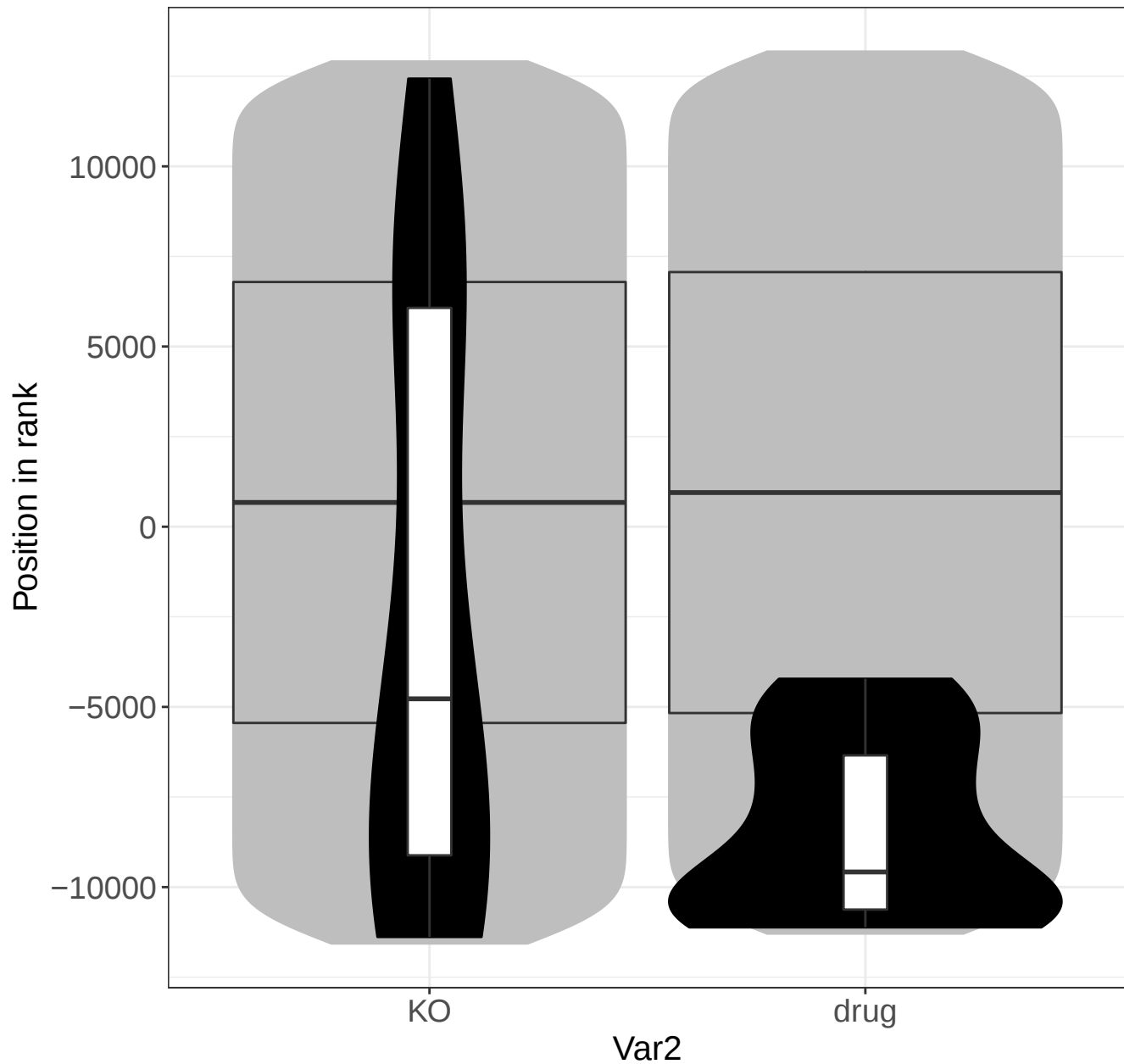
T41 mutants of beta-catenin aren't phosphorylated



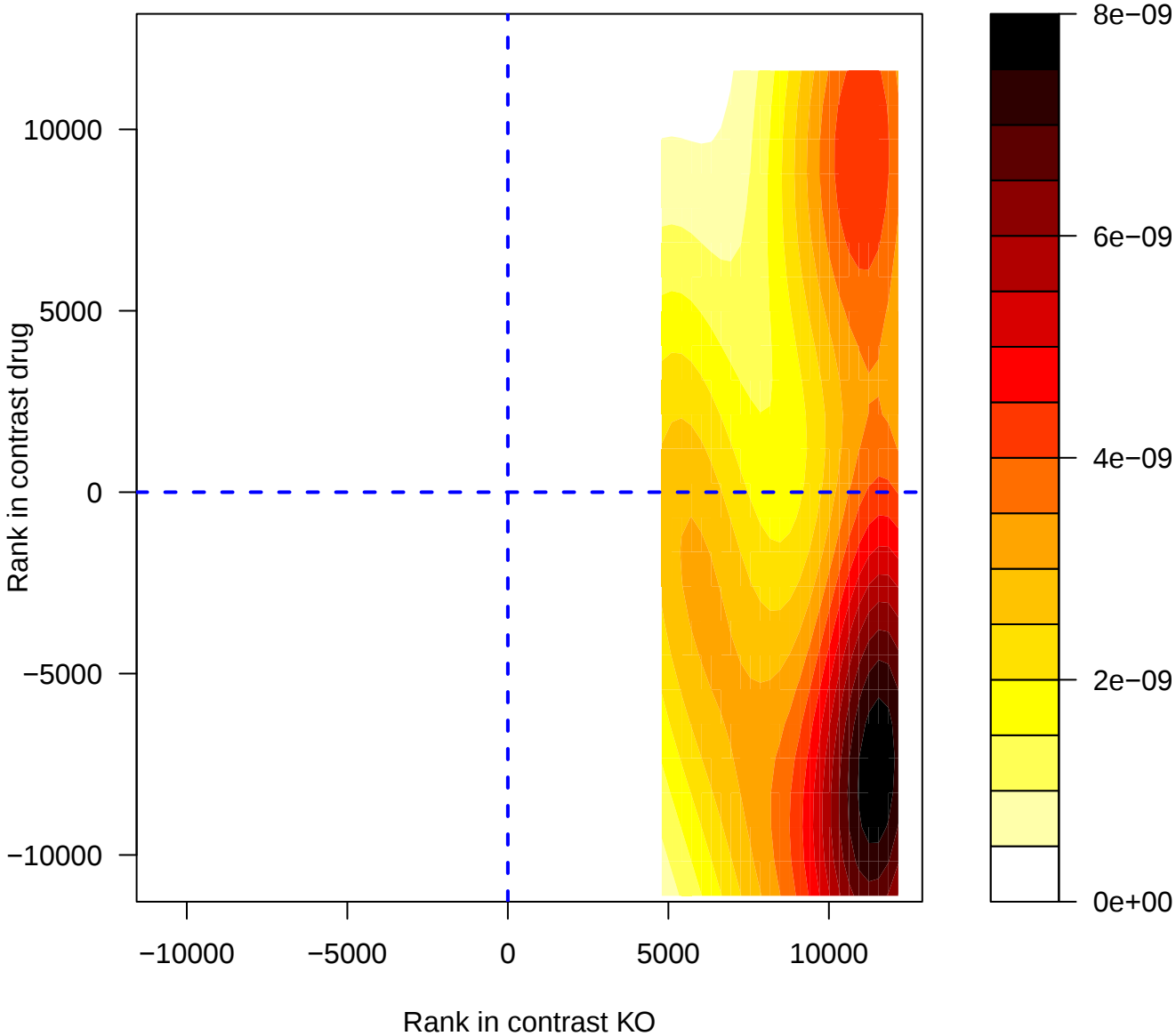
T41 mutants of beta-catenin aren't phosphorylated



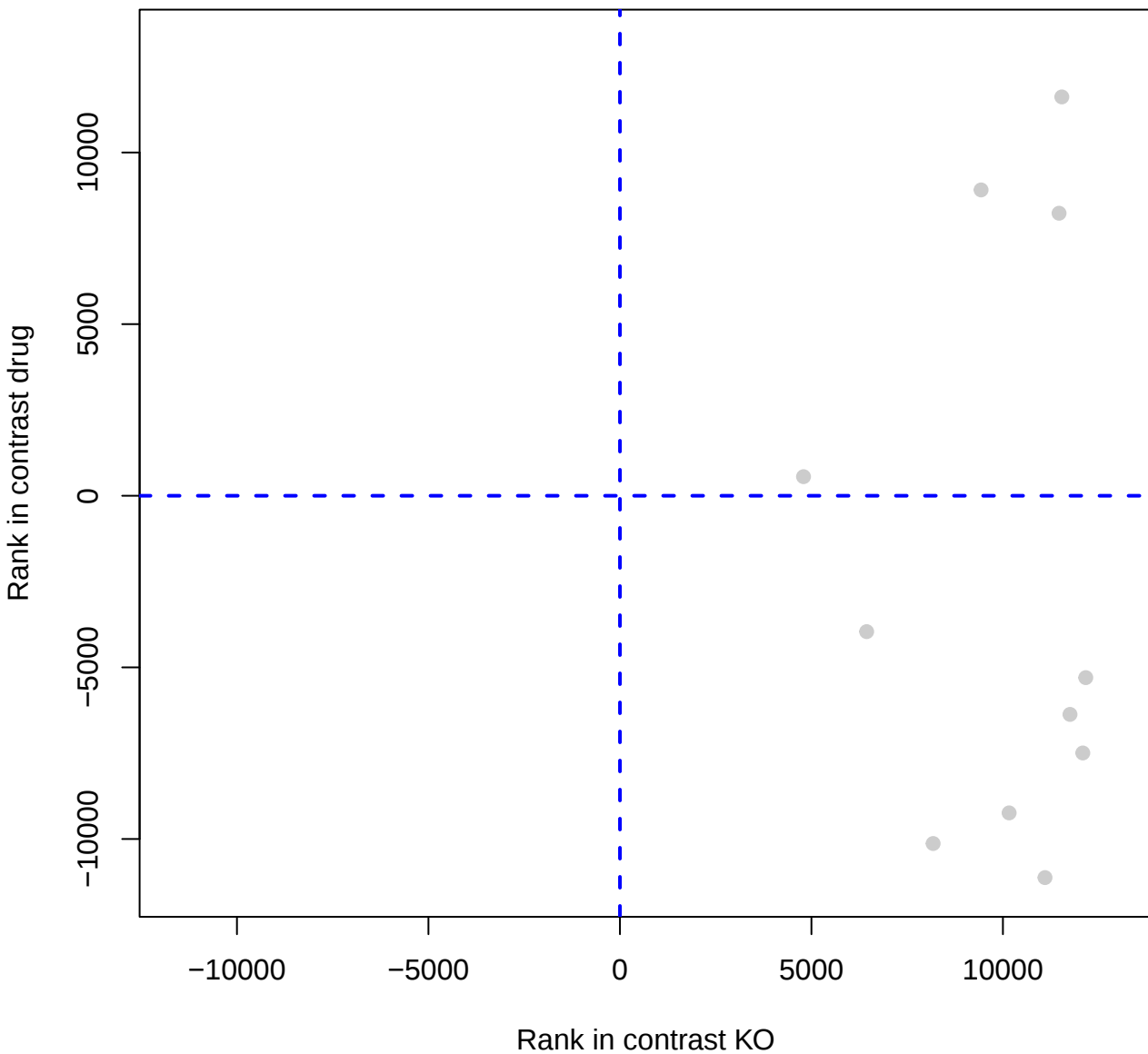
T41 mutants of beta-catenin aren't phosphorylat



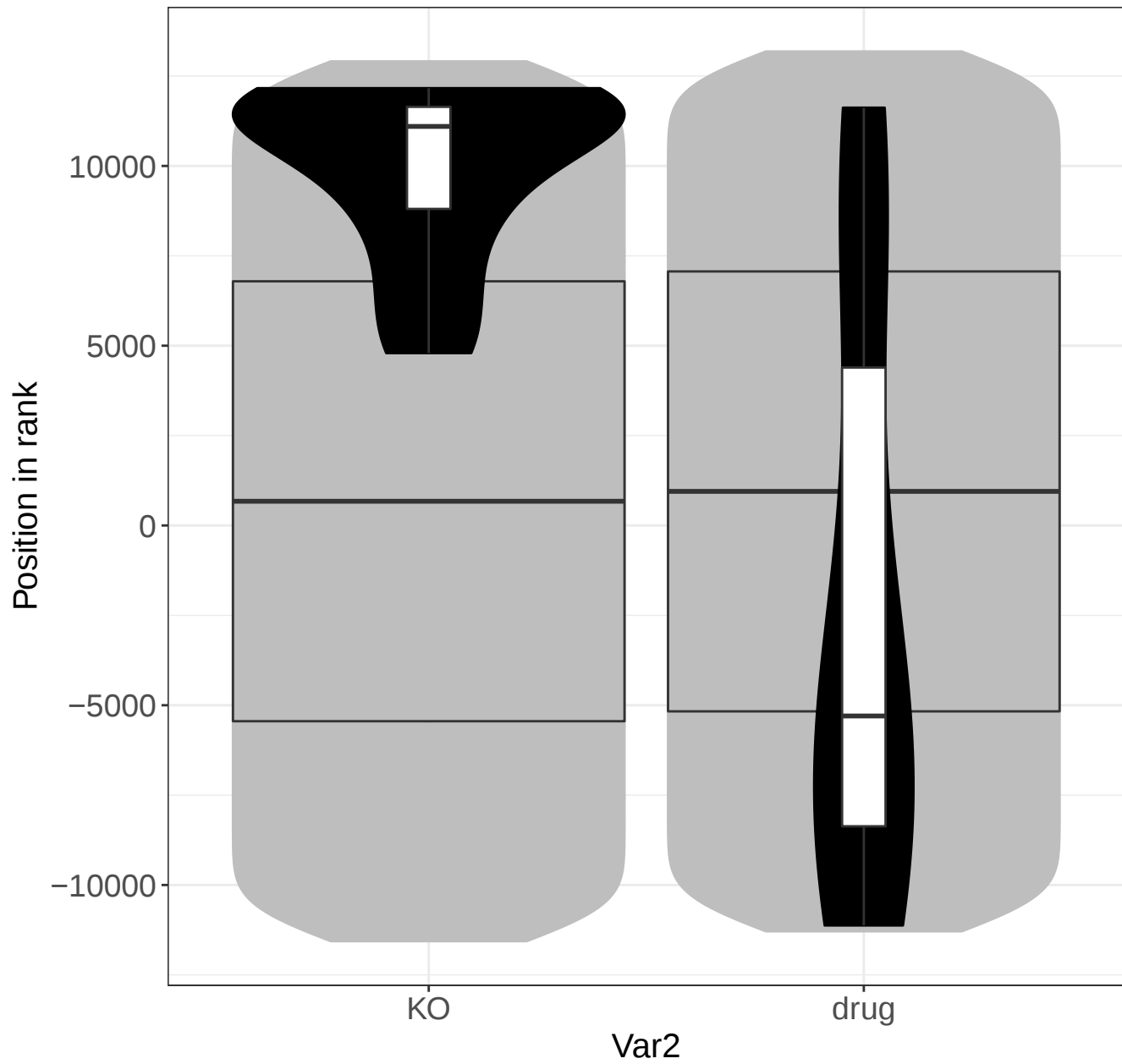
Mucopolysaccharidoses



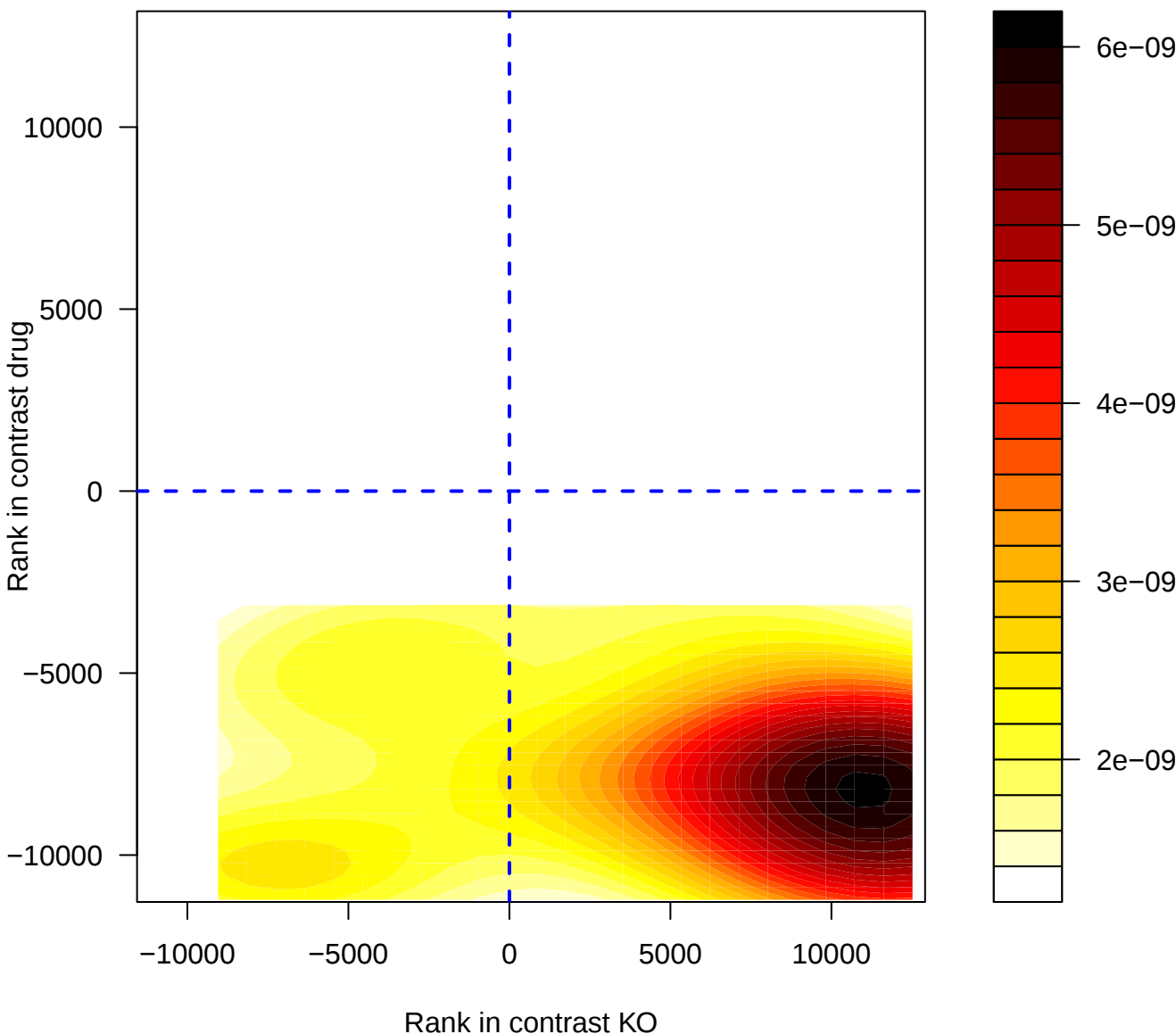
Mucopolysaccharidoses



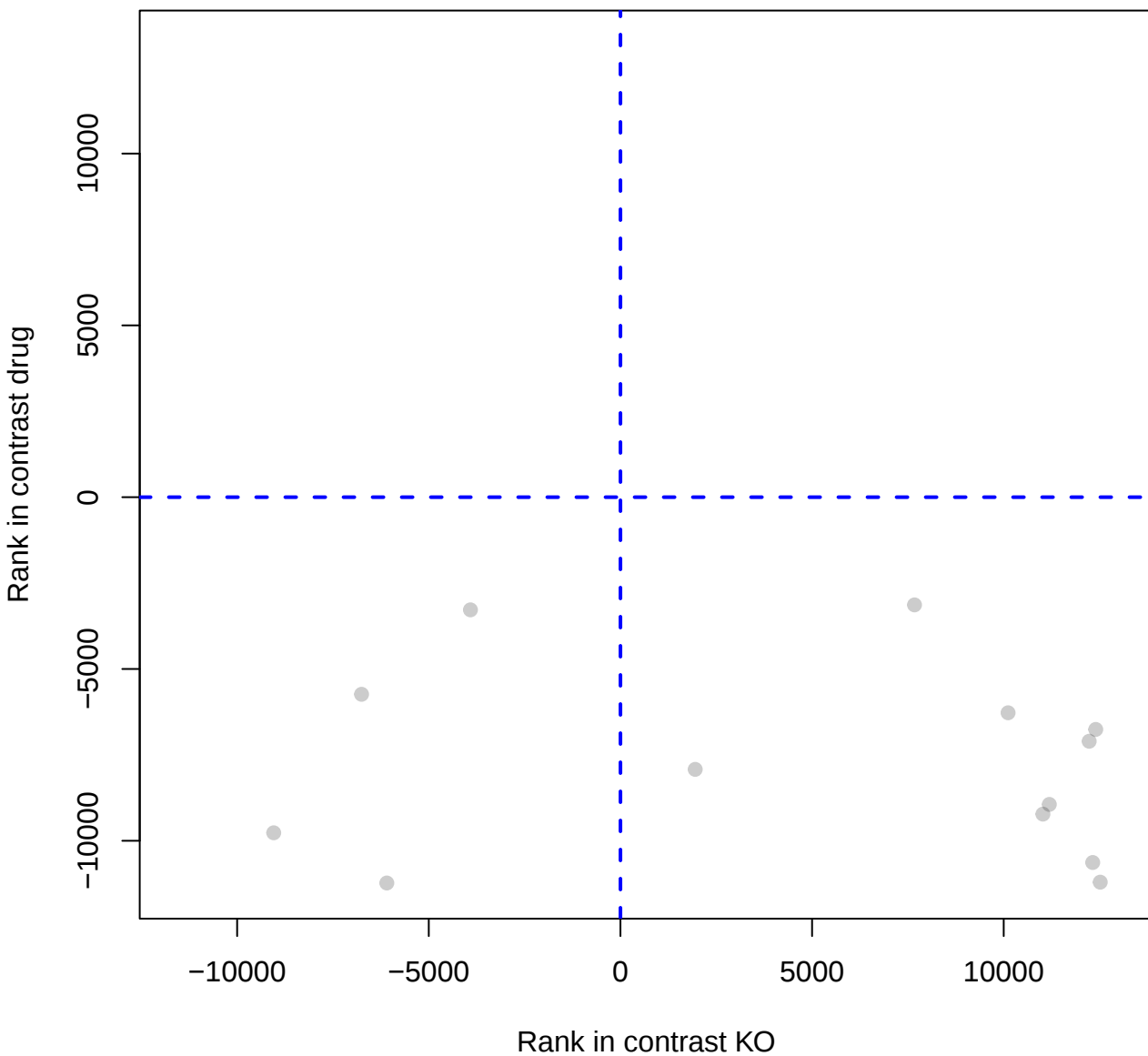
Mucopolysaccharidoses



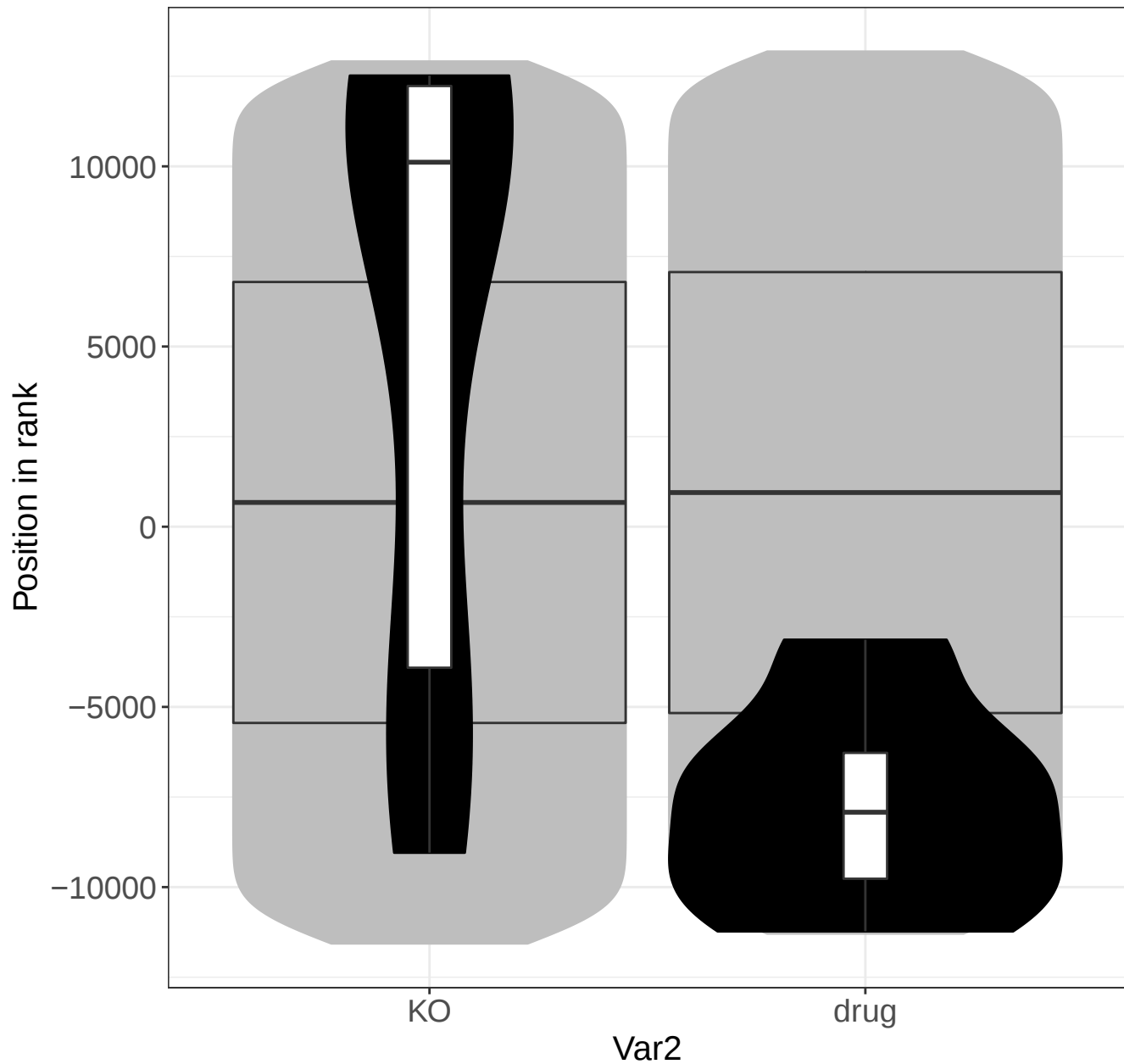
Defective EXT1 causes exostoses 1, TRPS2 and CHDS



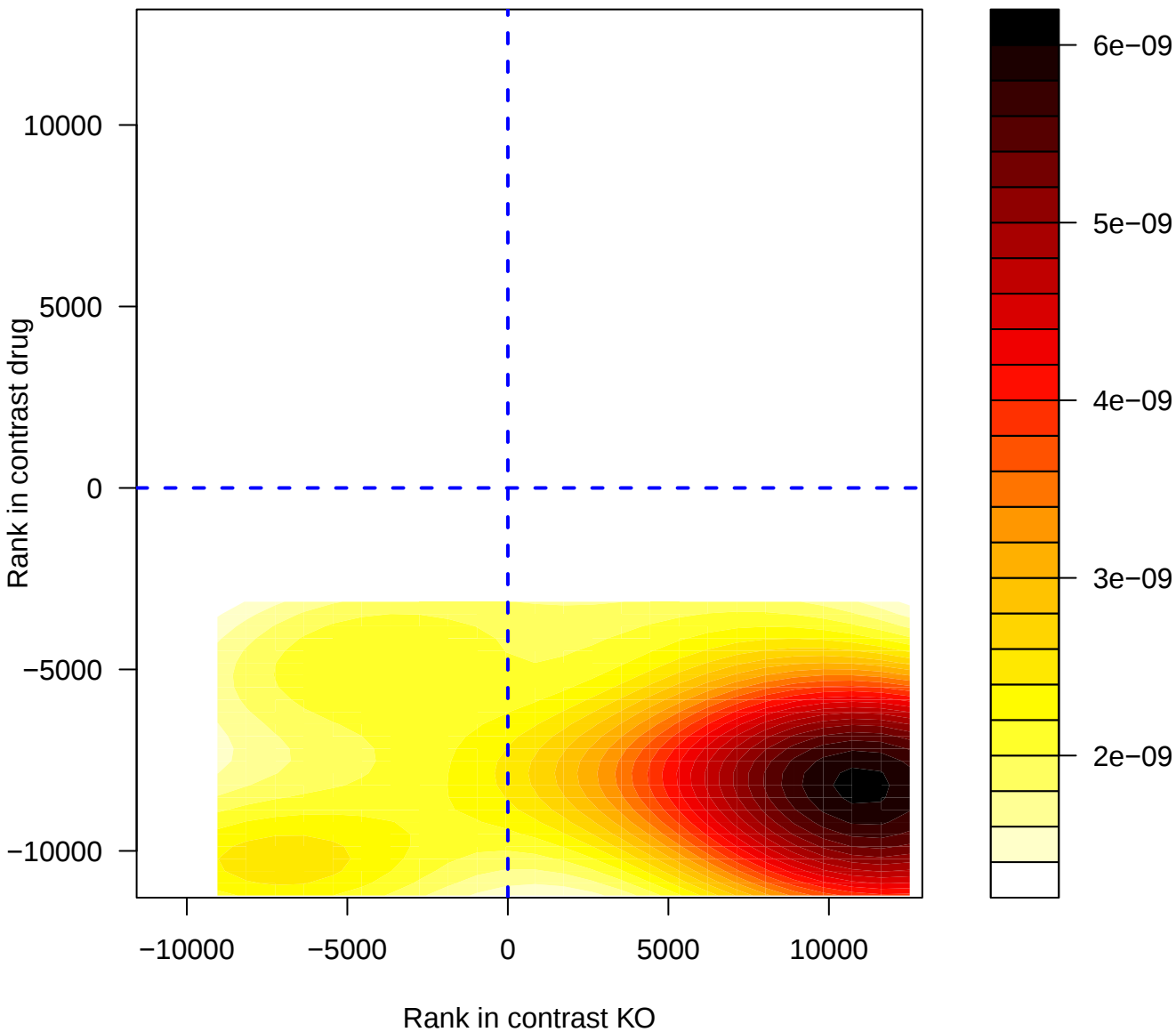
Defective EXT1 causes exostoses 1, TRPS2 and CHDS



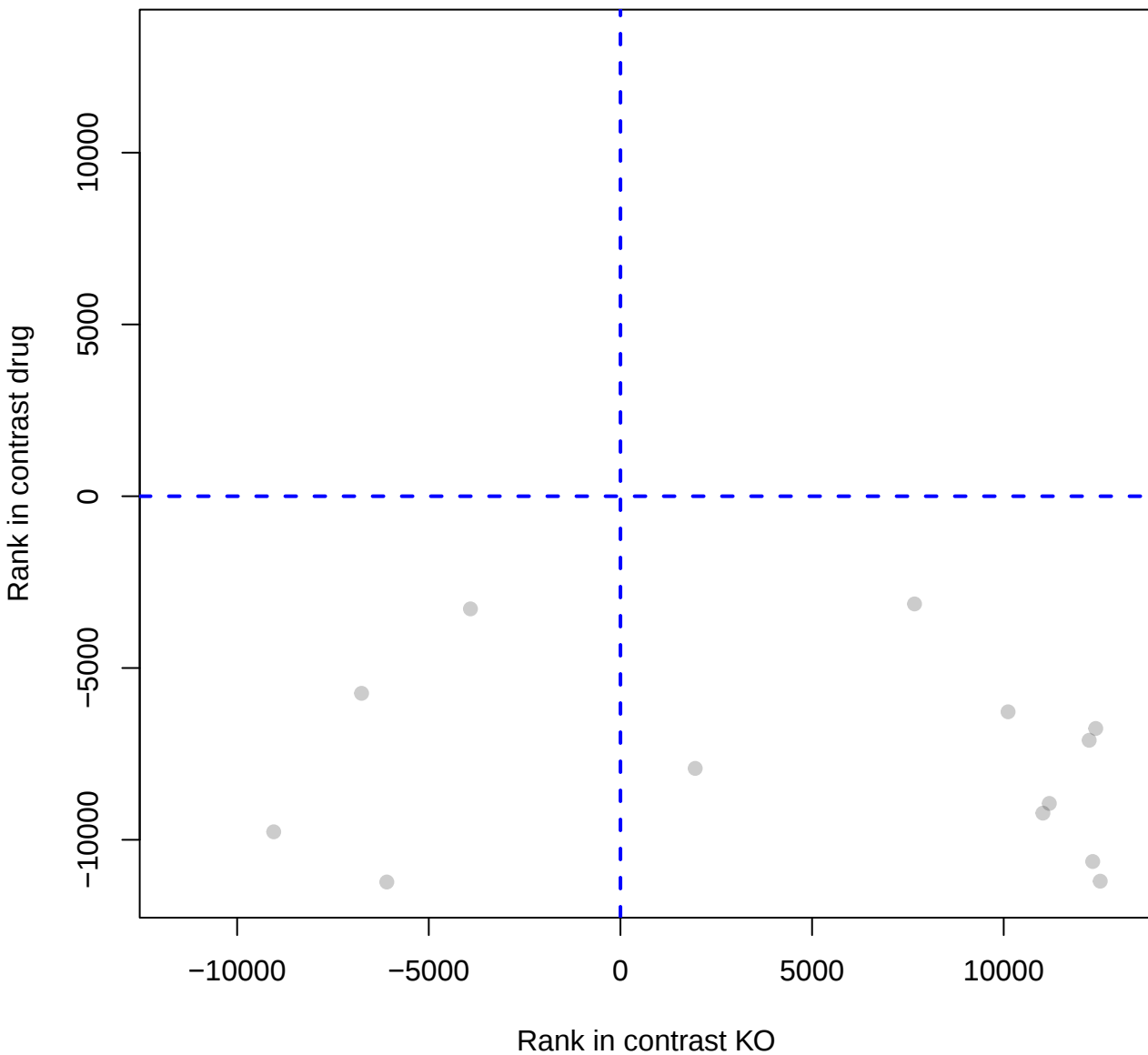
Defective EXT1 causes exostoses 1, TRPS2 and



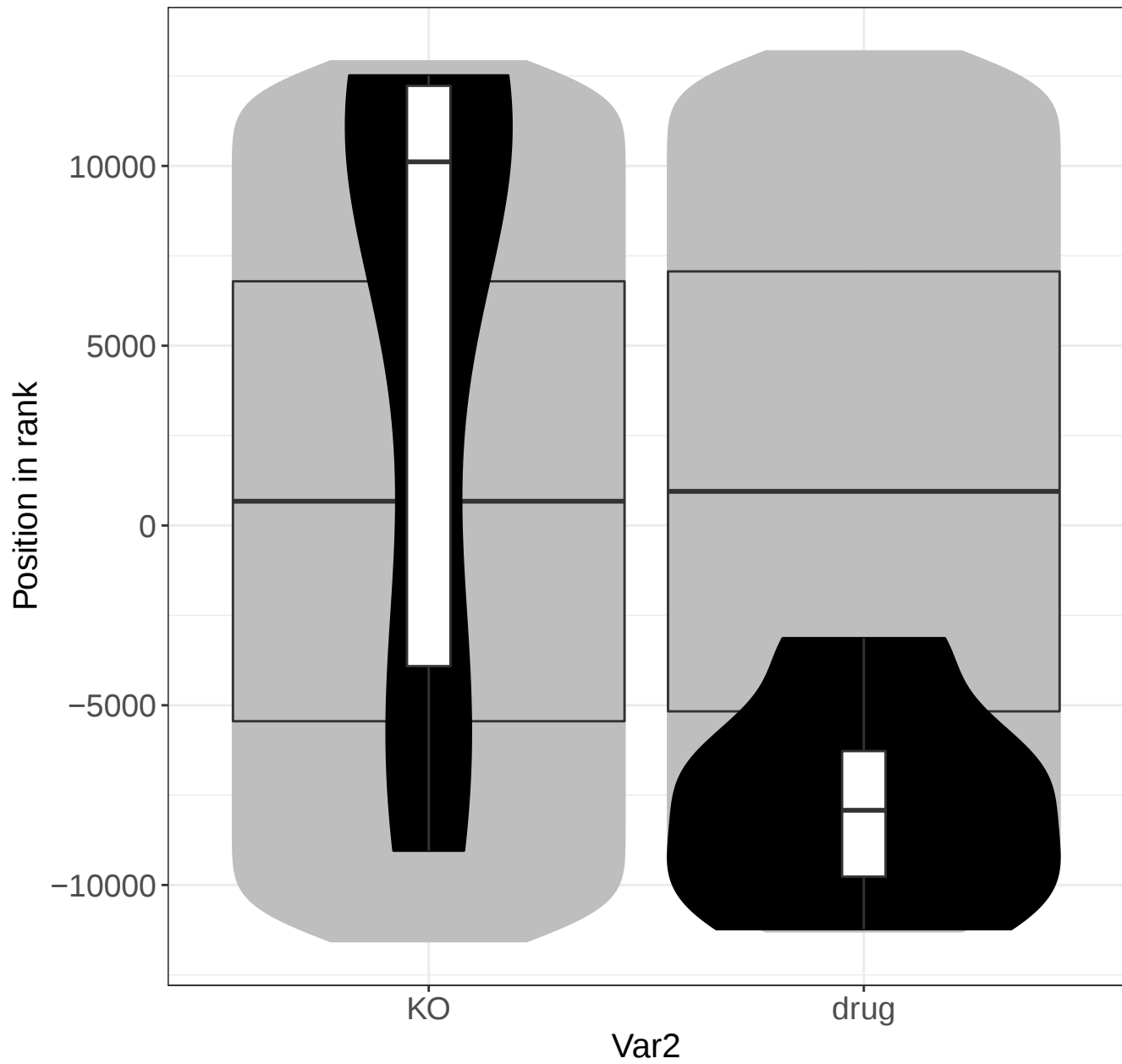
Defective EXT2 causes exostoses 2



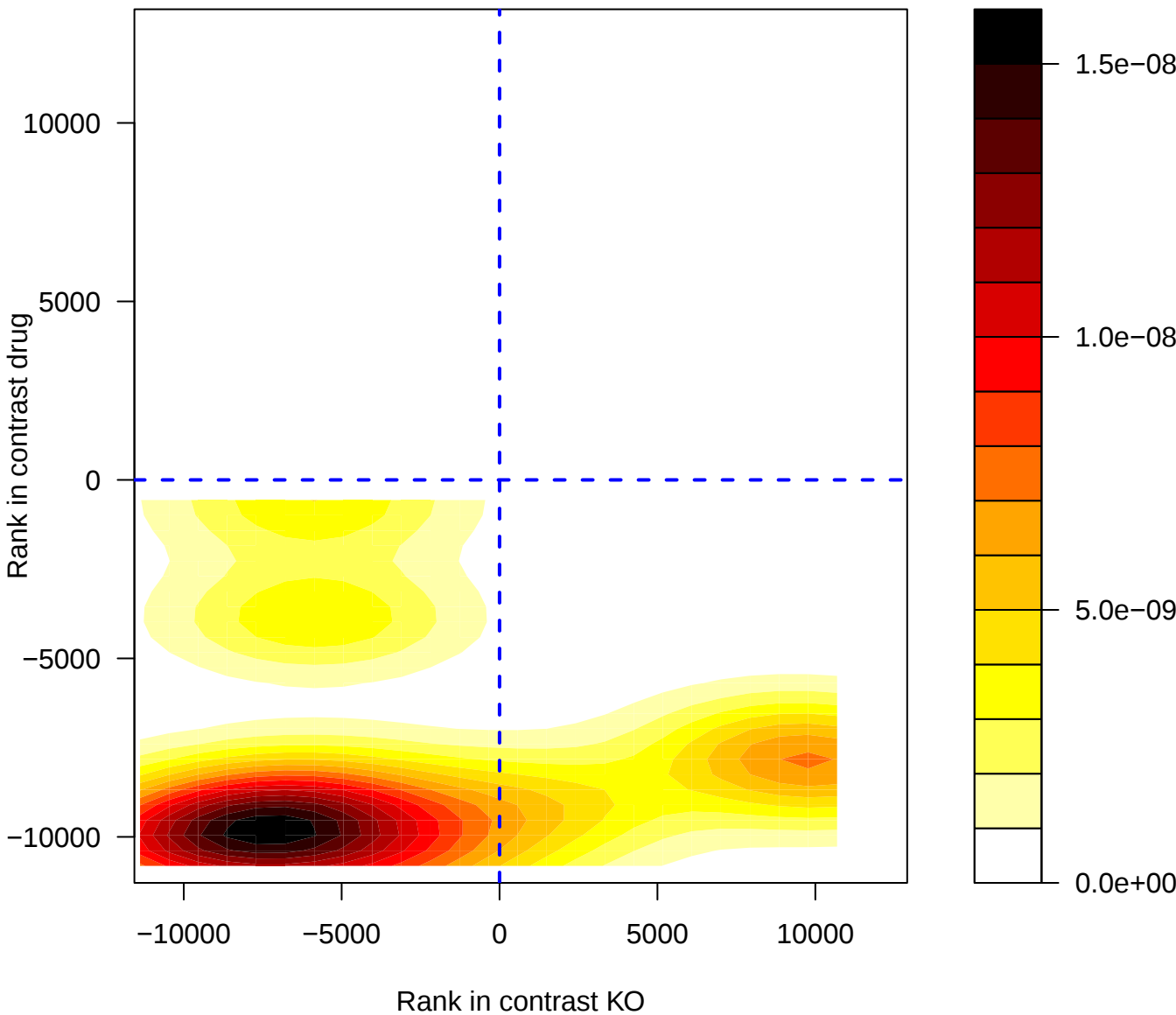
Defective EXT2 causes exostoses 2



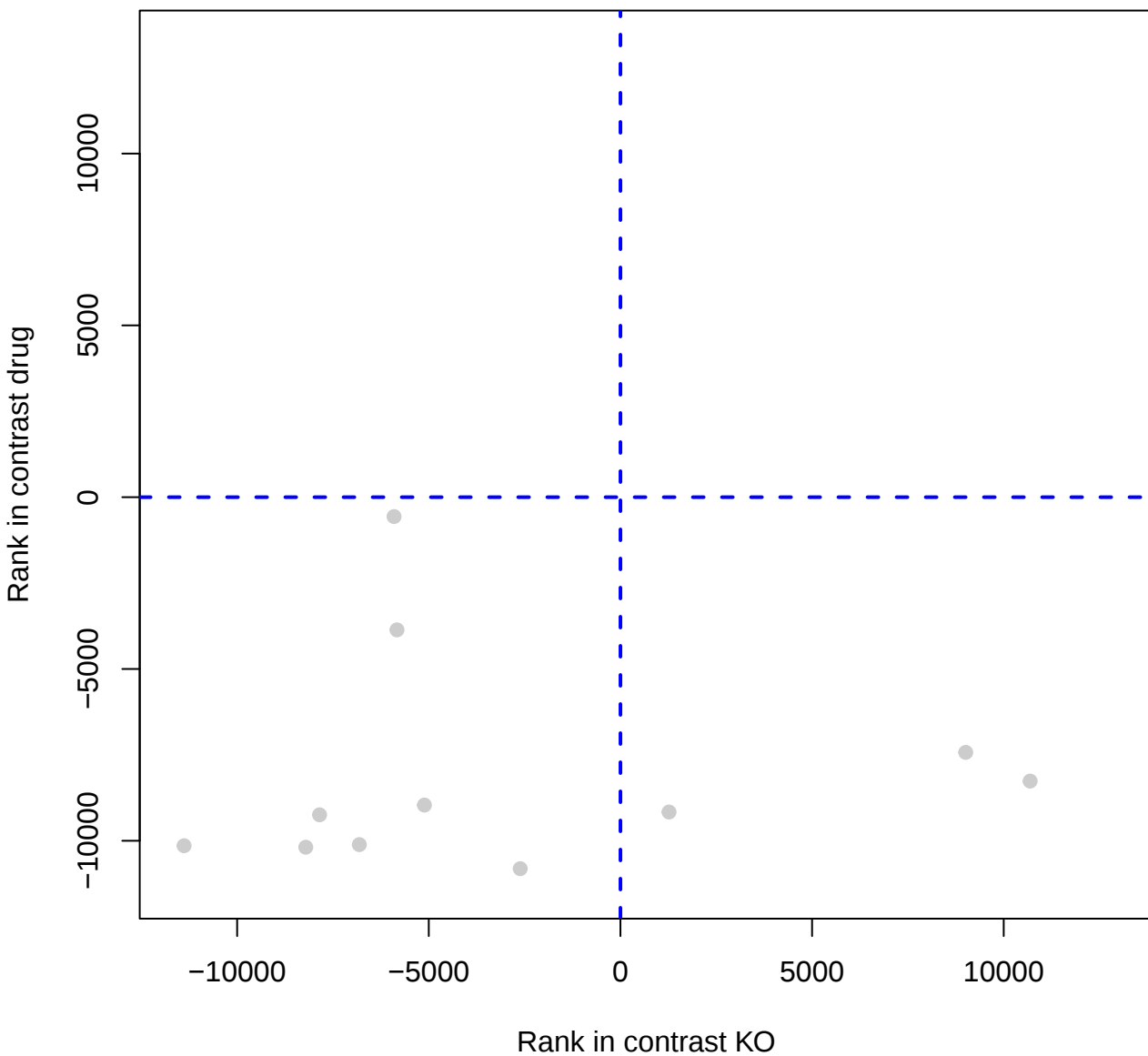
Defective EXT2 causes exostoses 2



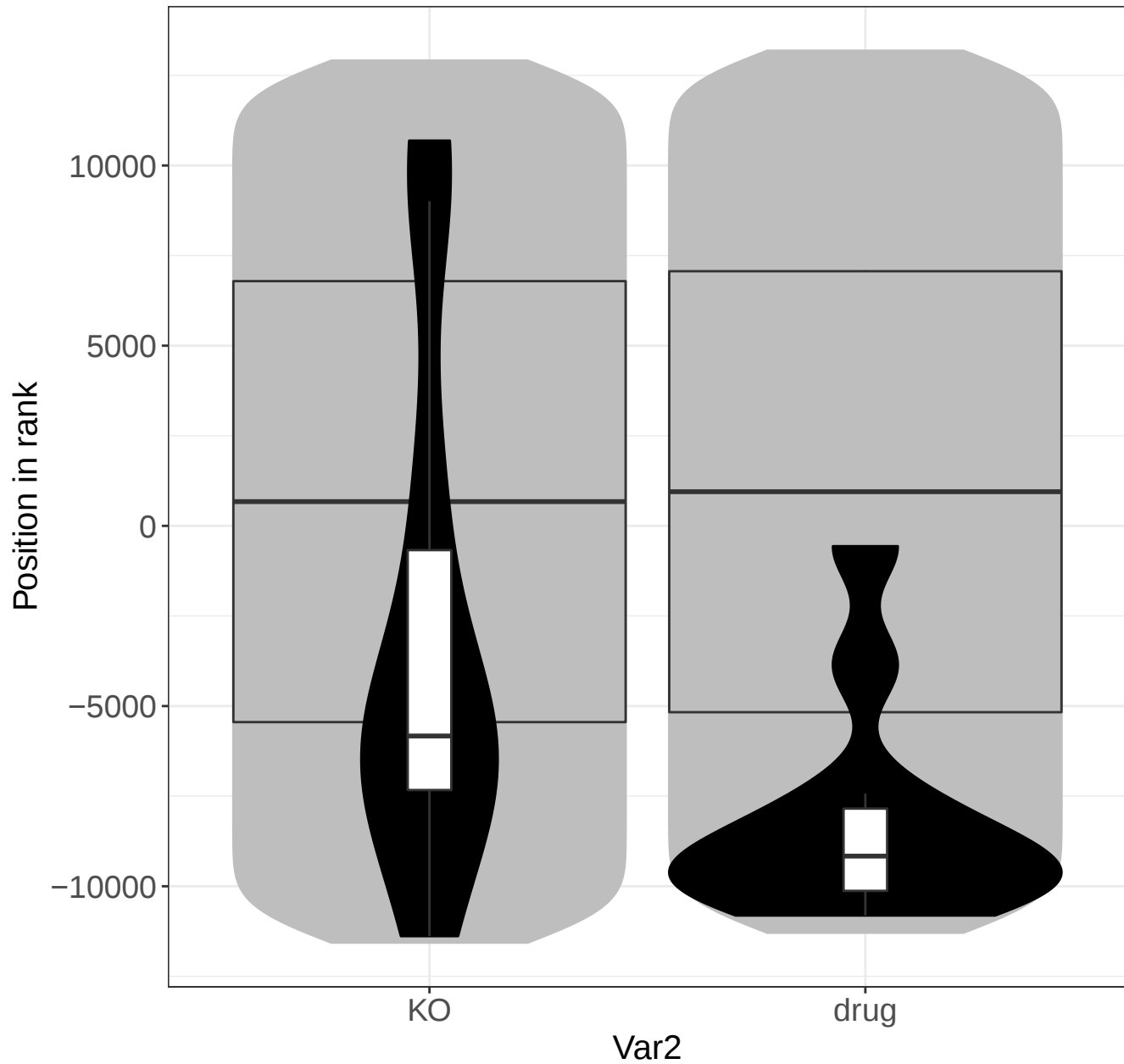
Establishment of Sister Chromatid Cohesion



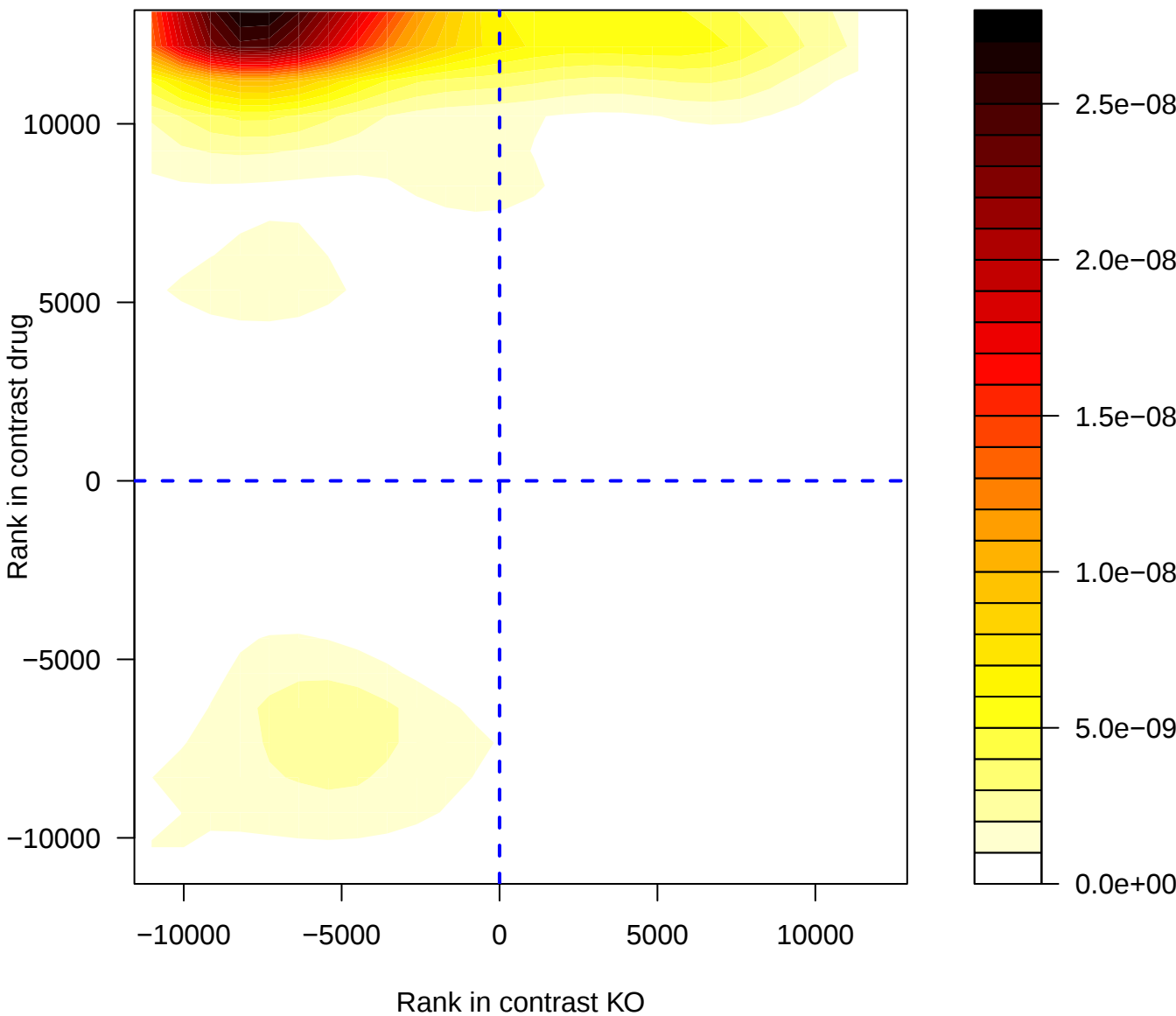
Establishment of Sister Chromatid Cohesion



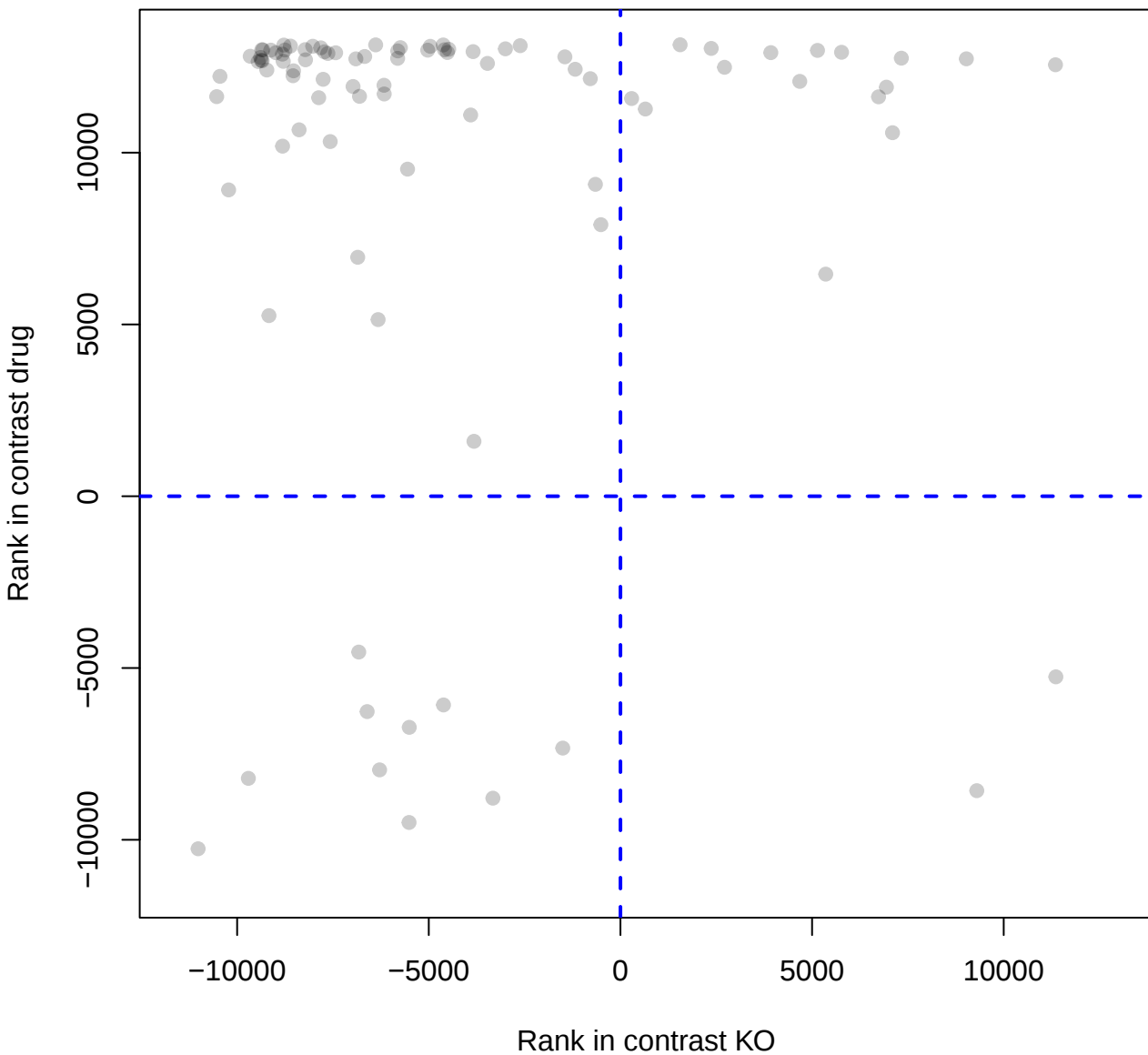
Establishment of Sister Chromatid Cohesion



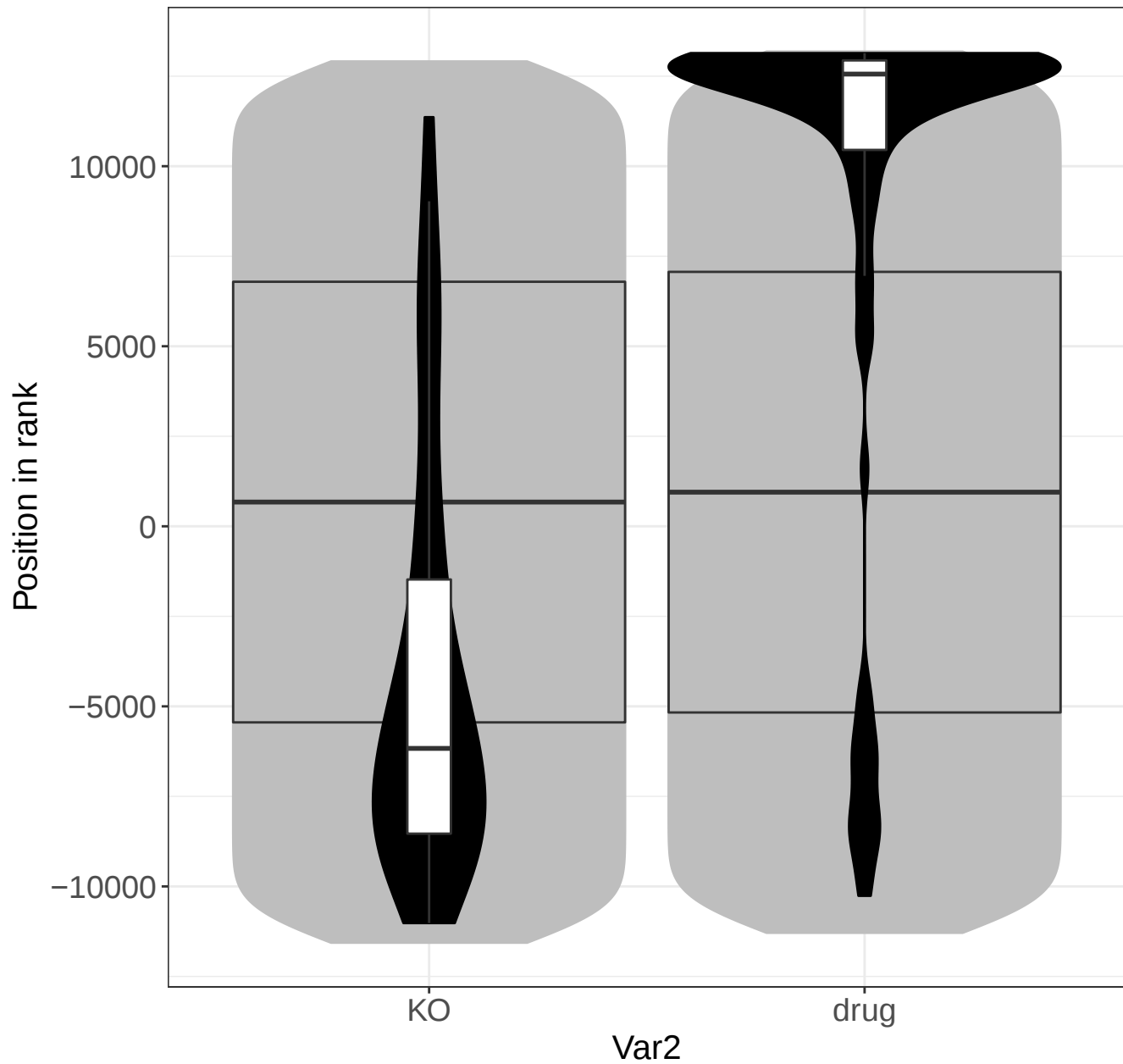
Eukaryotic Translation Termination



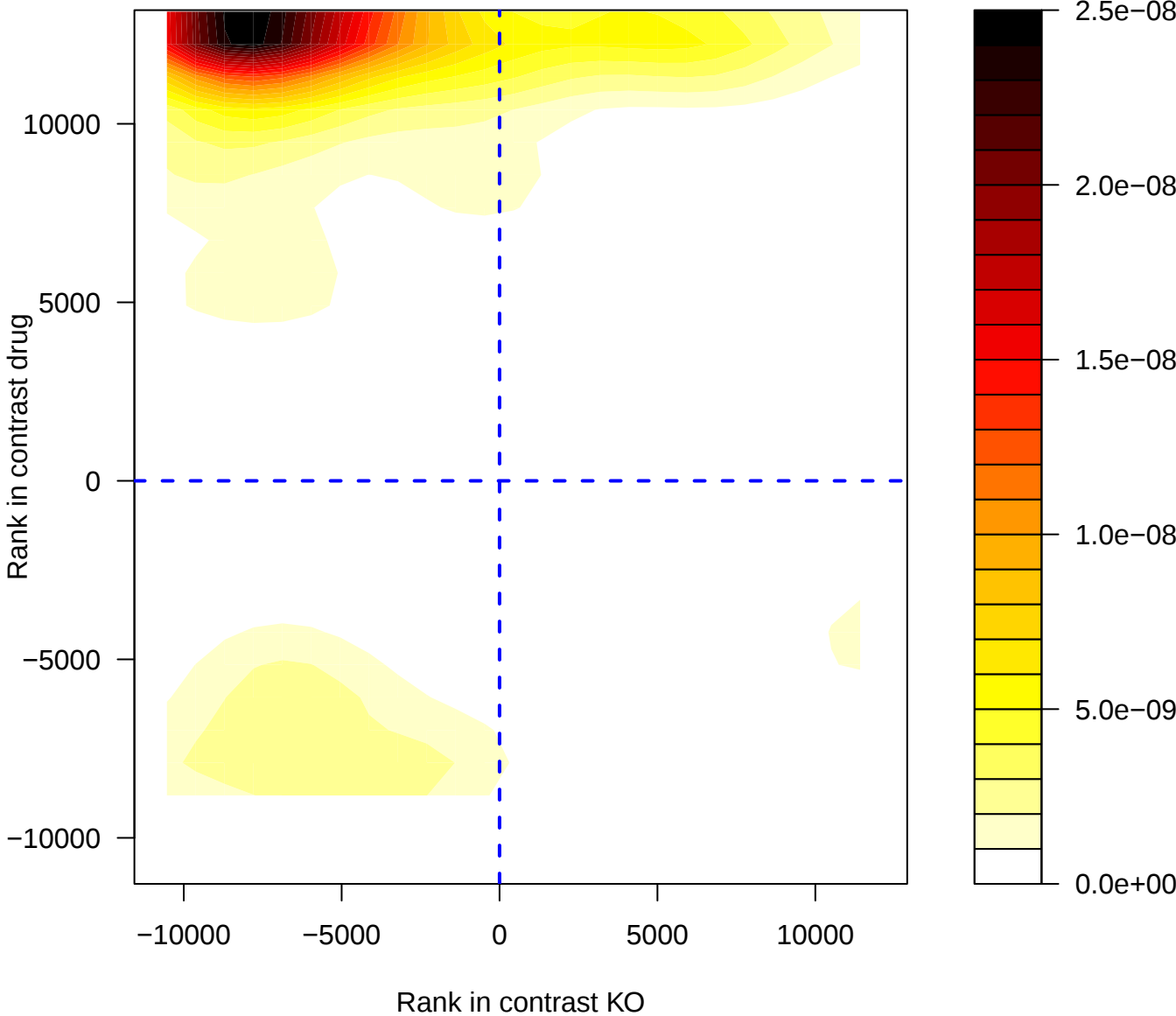
Eukaryotic Translation Termination



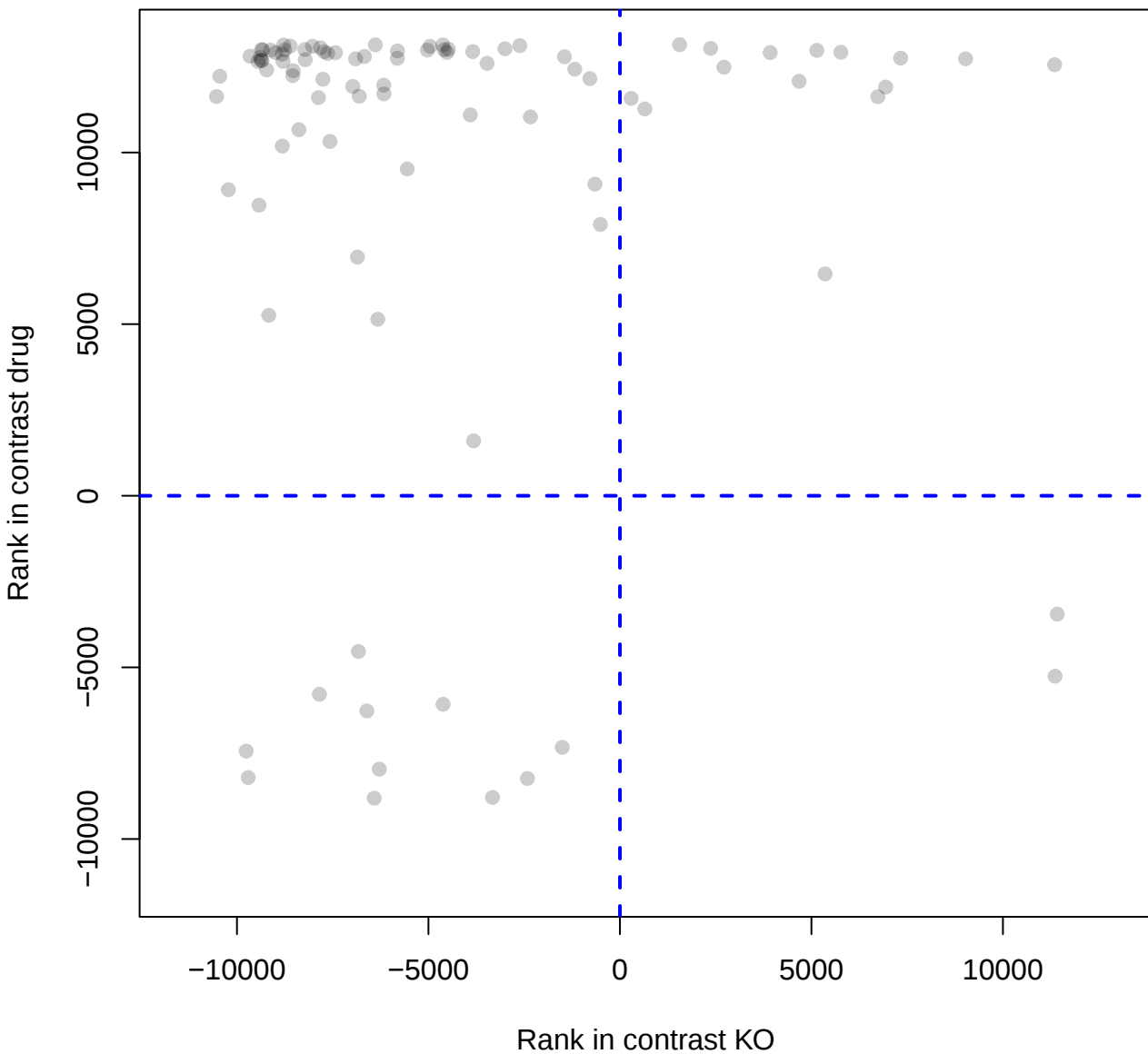
Eukaryotic Translation Termination



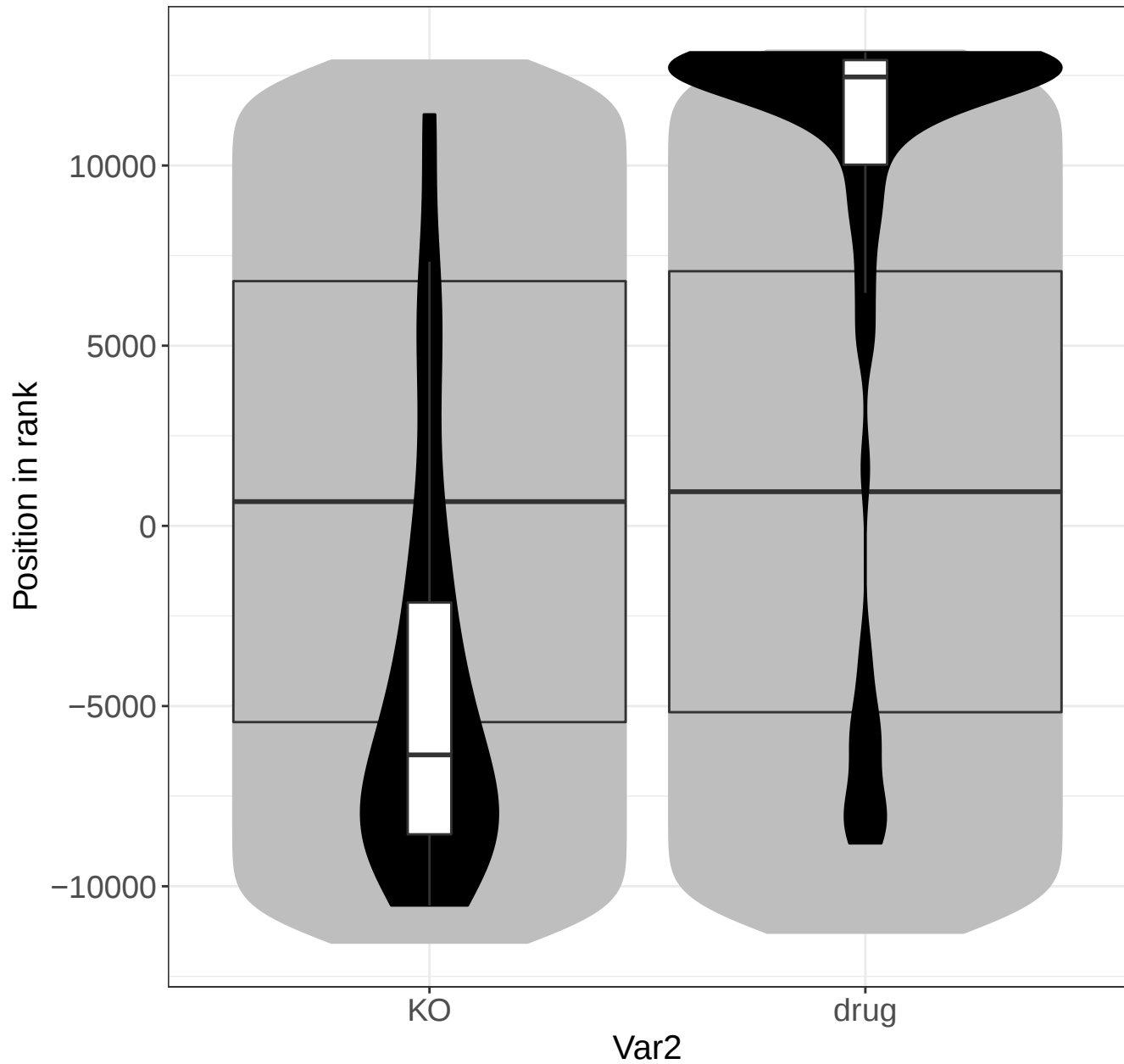
Eukaryotic Translation Elongation



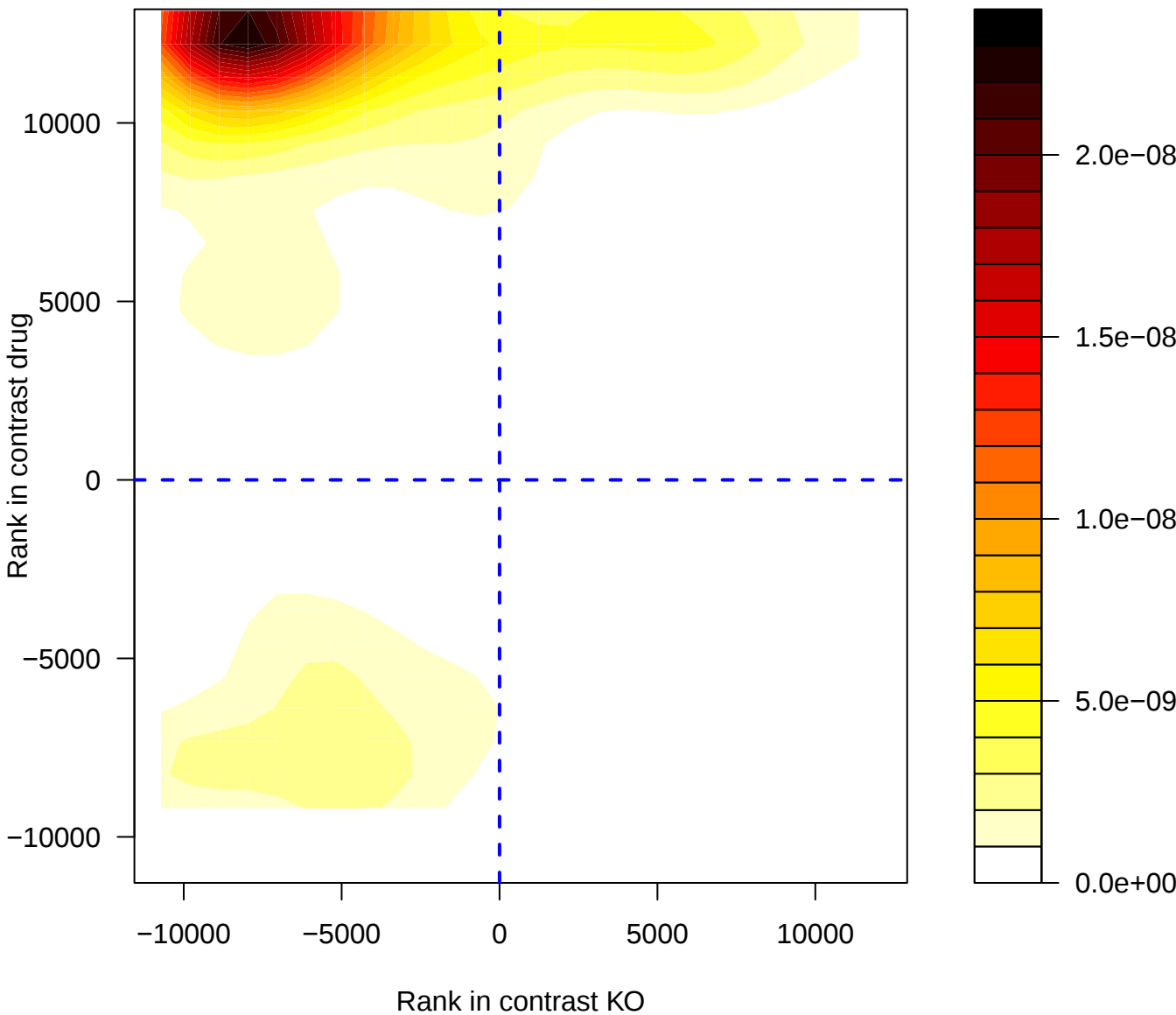
Eukaryotic Translation Elongation



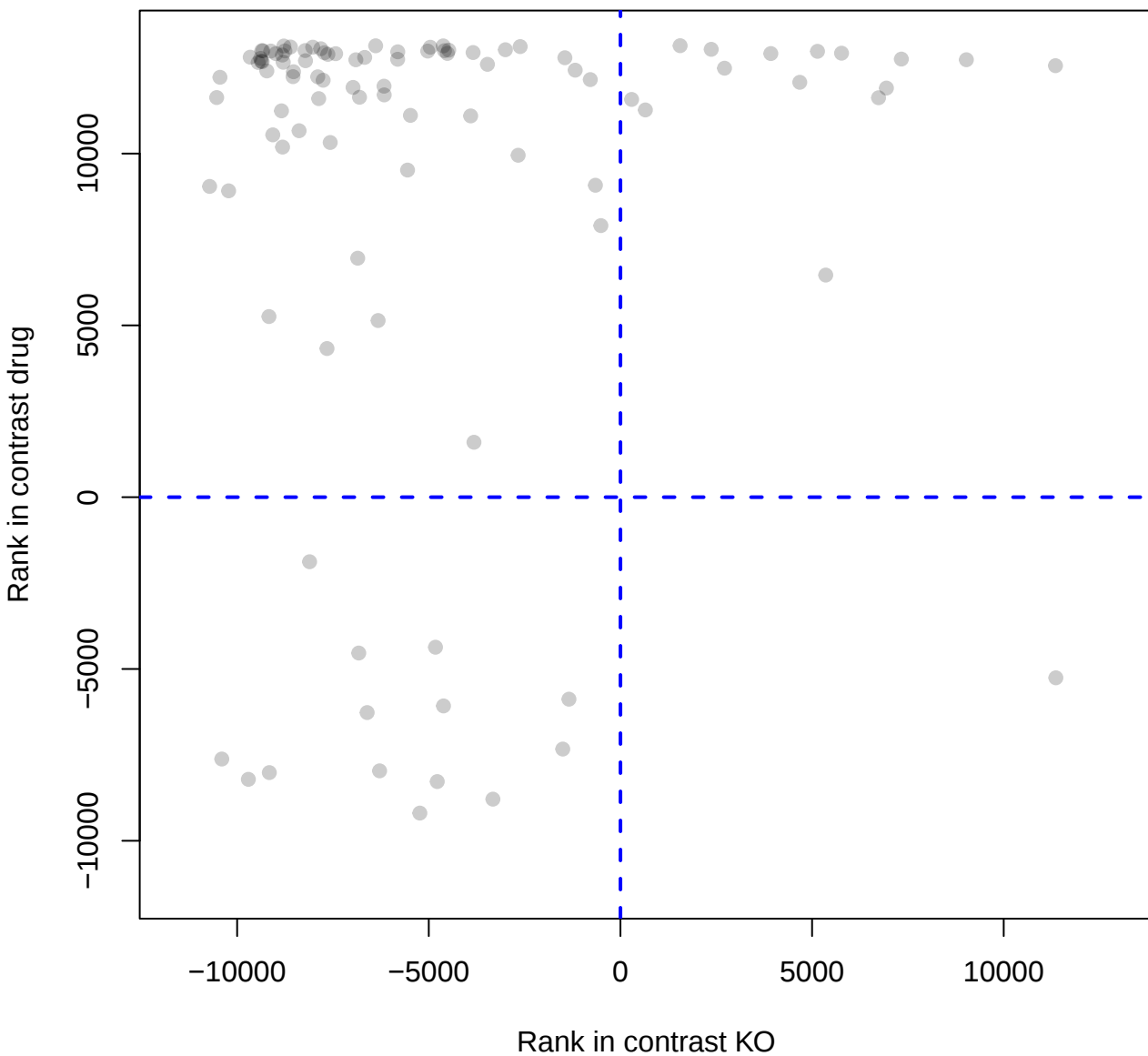
Eukaryotic Translation Elongation



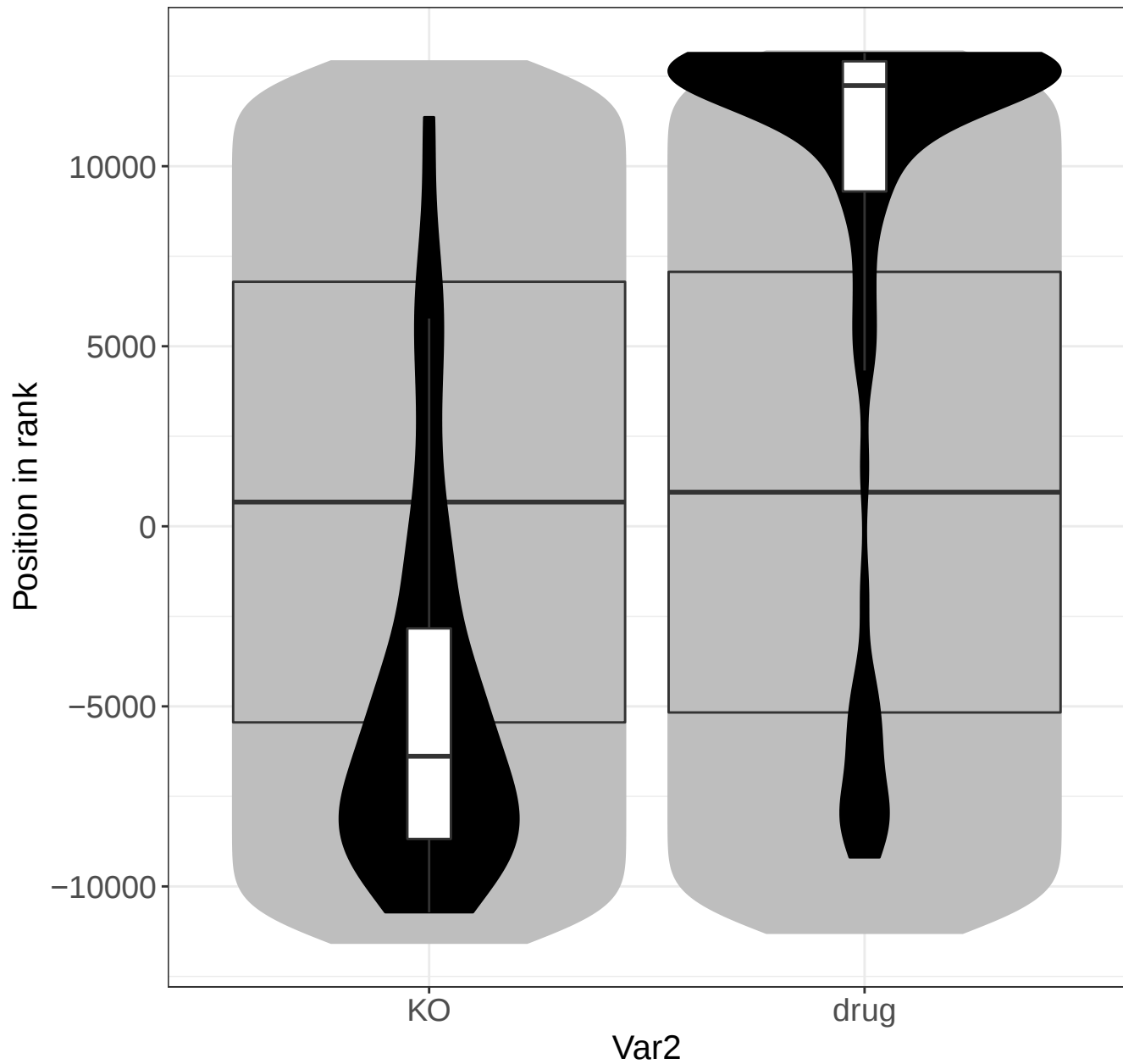
Formation of a pool of free 40S subunits



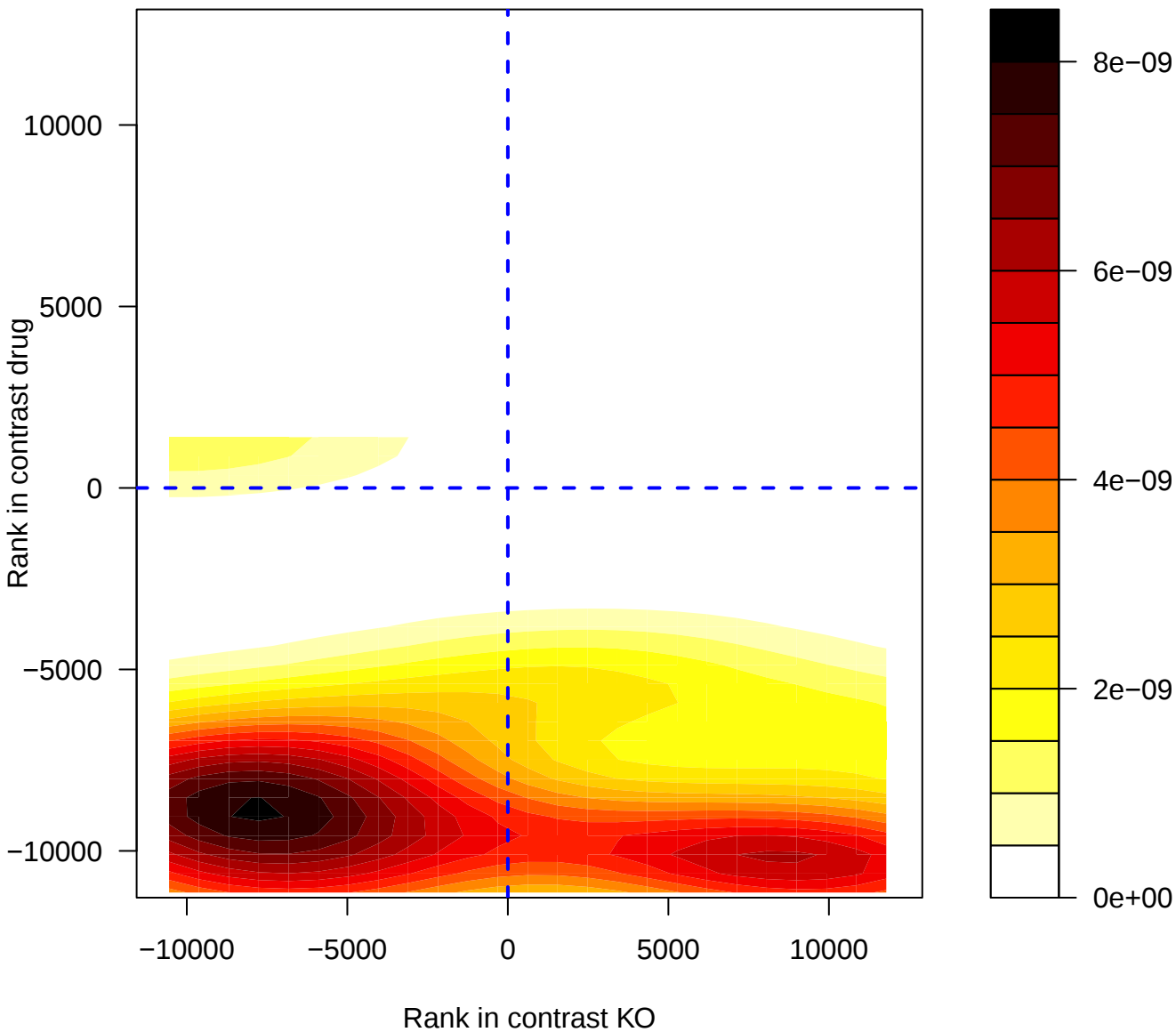
Formation of a pool of free 40S subunits



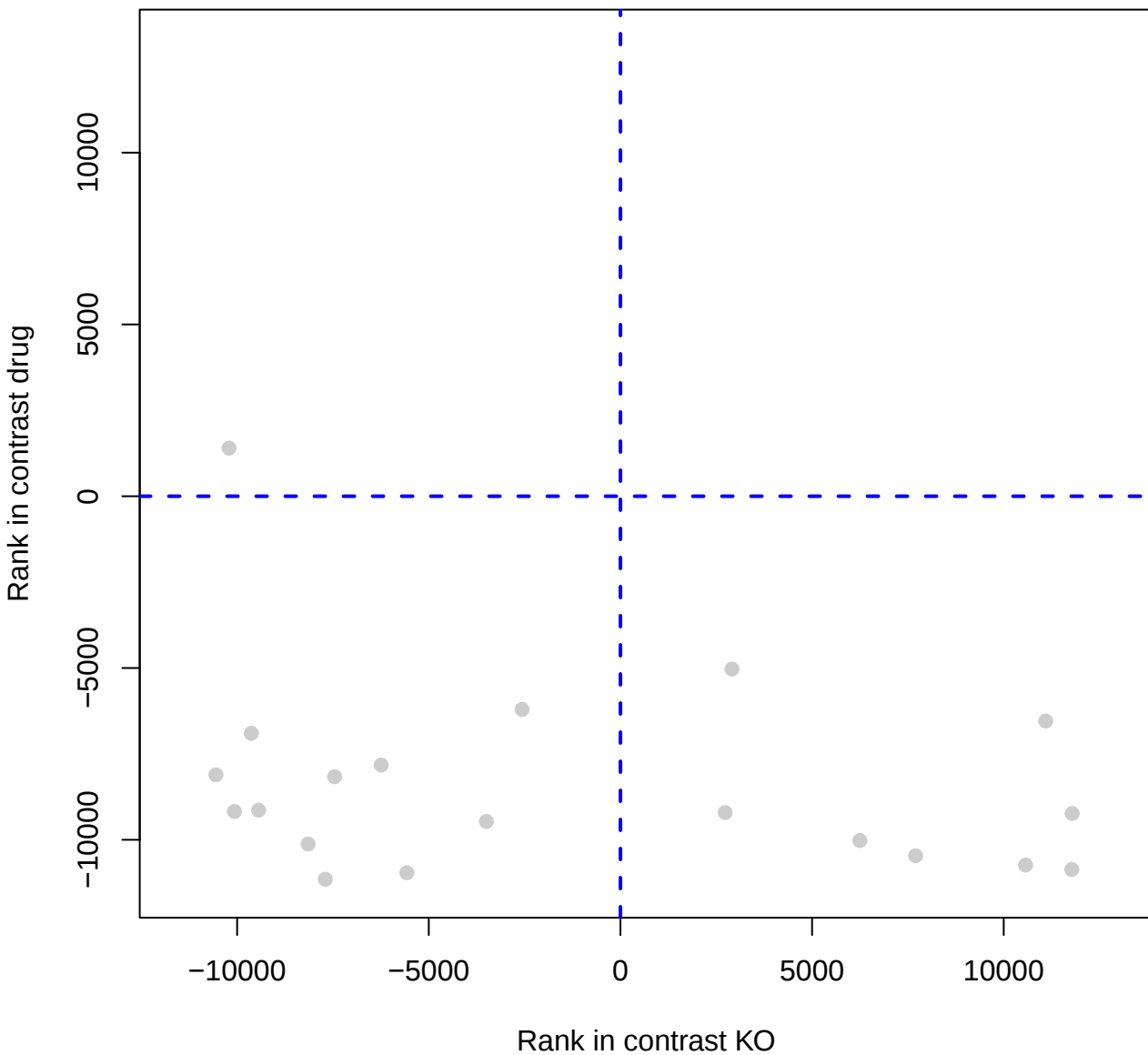
Formation of a pool of free 40S subunits



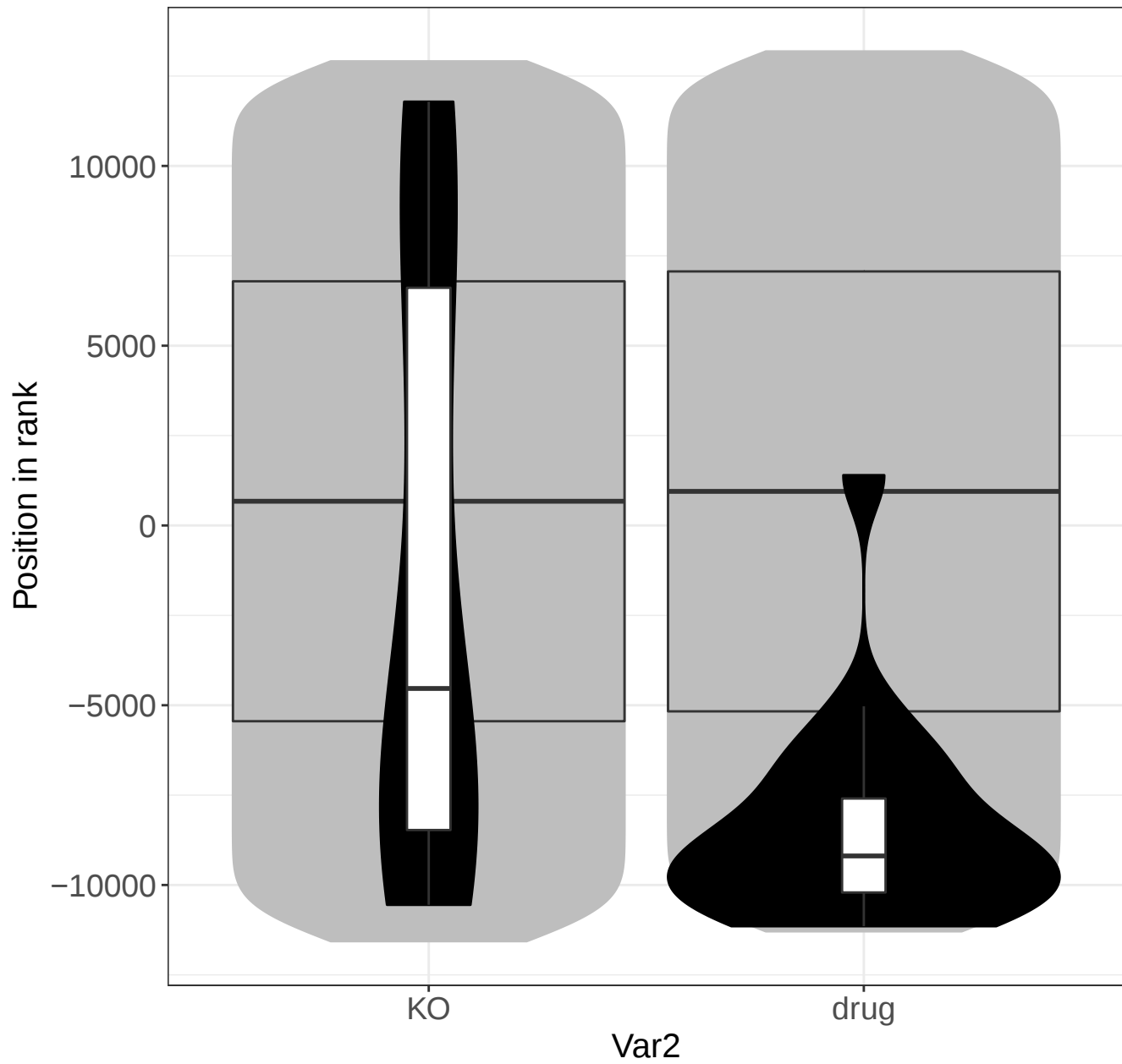
Signaling by Hippo



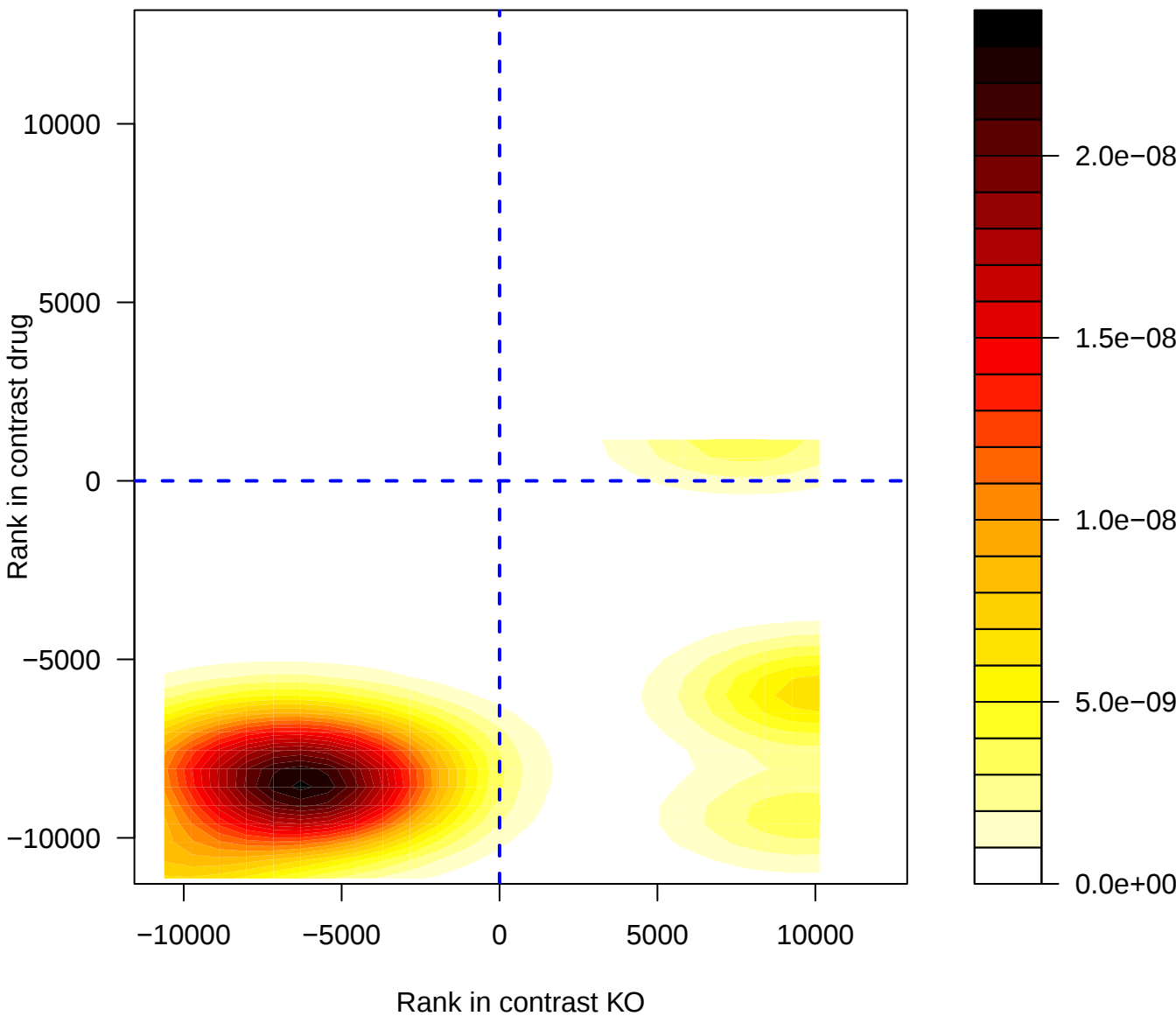
Signaling by Hippo



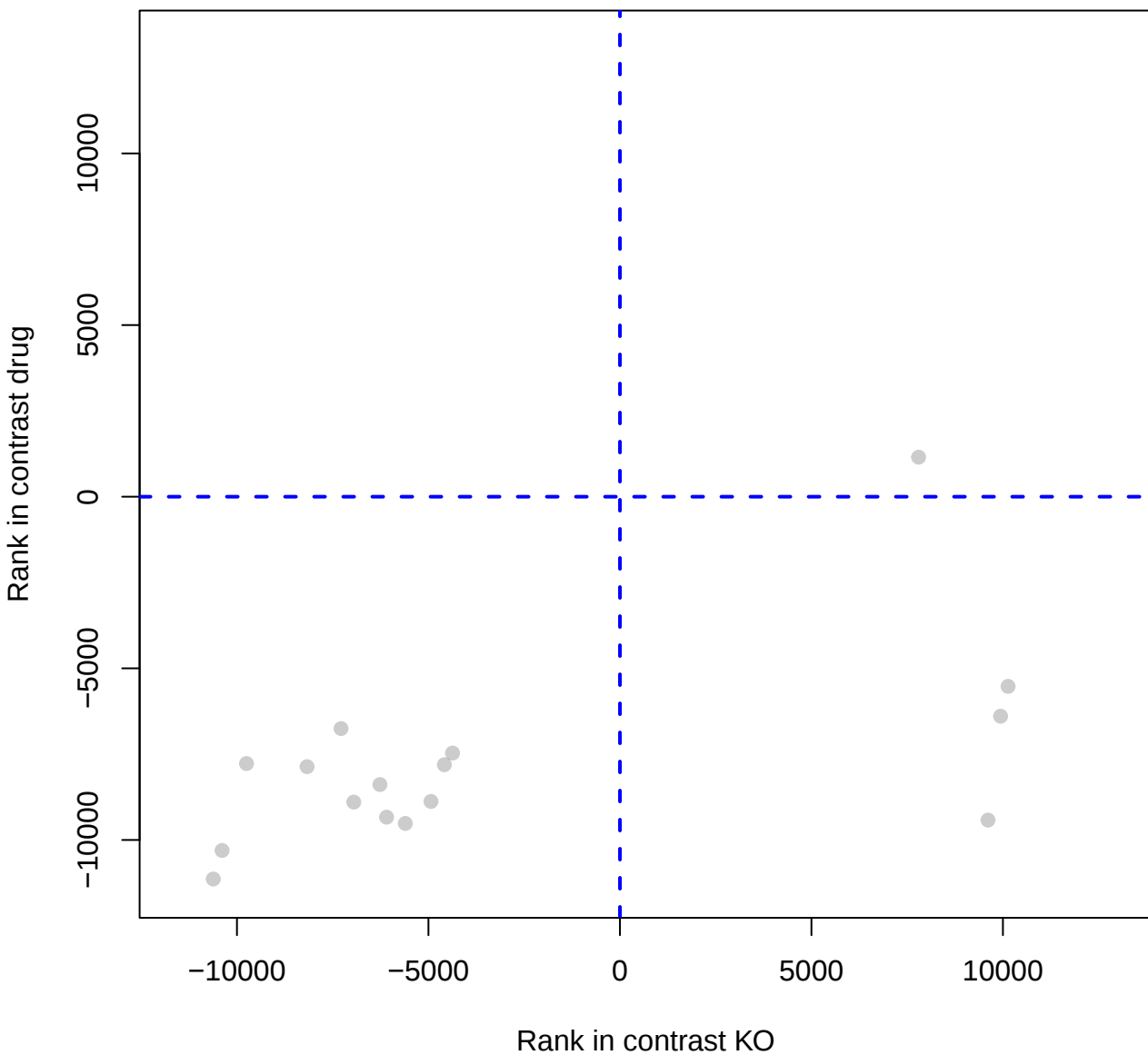
Signaling by Hippo



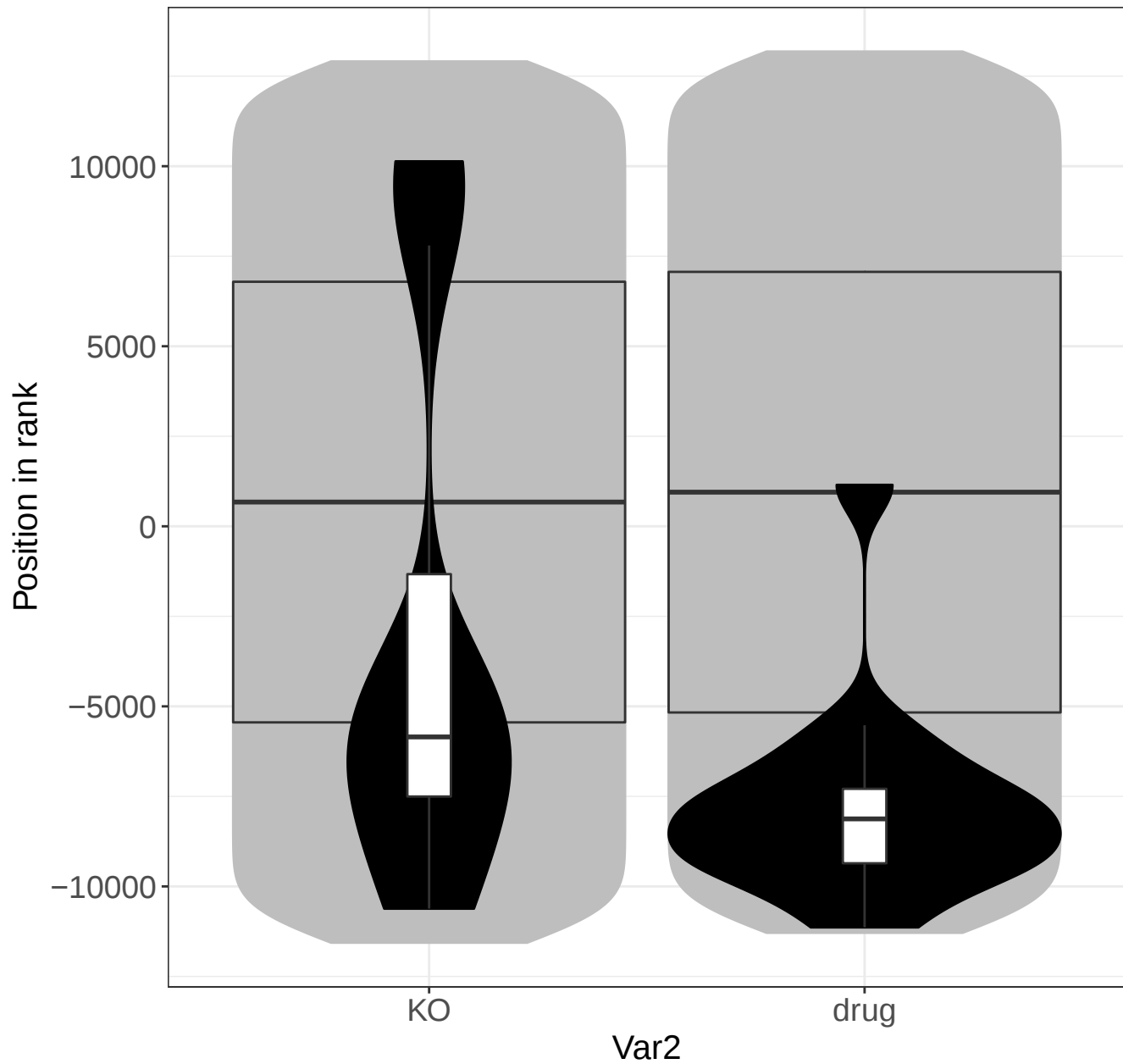
Synthesis of PIPs at the early endosome membrane



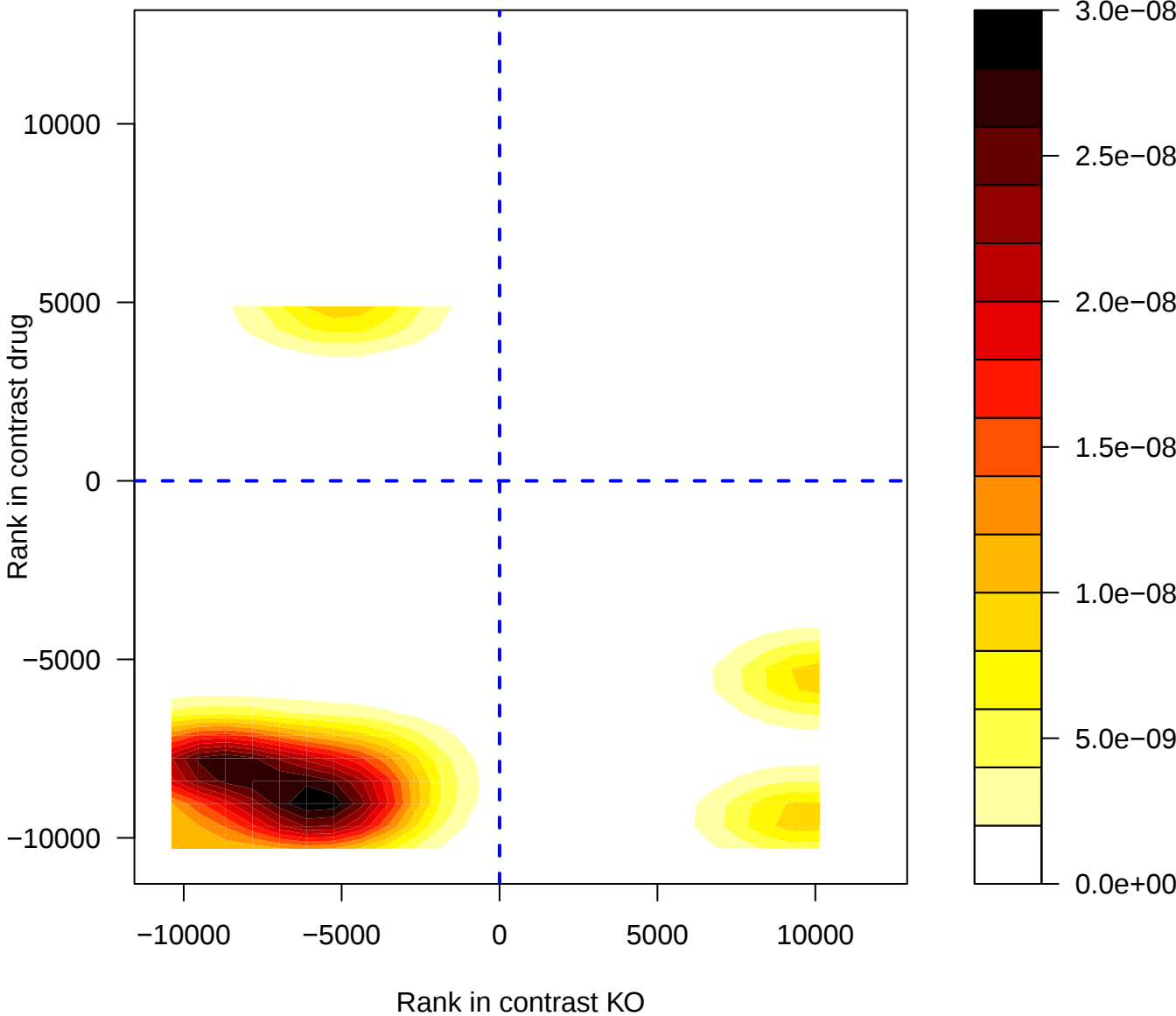
Synthesis of PIPs at the early endosome membrane



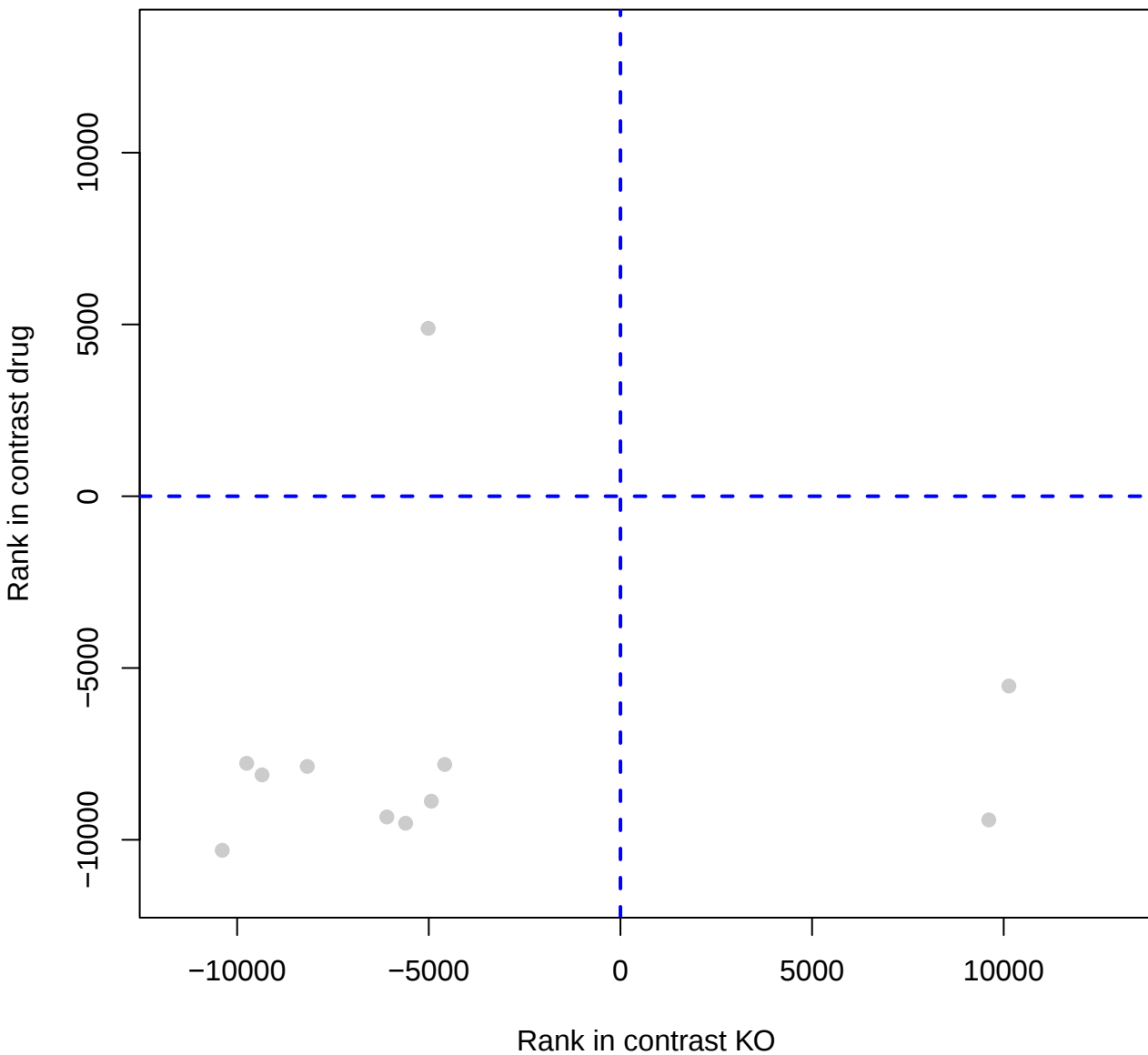
Synthesis of PIPs at the early endosome membrane



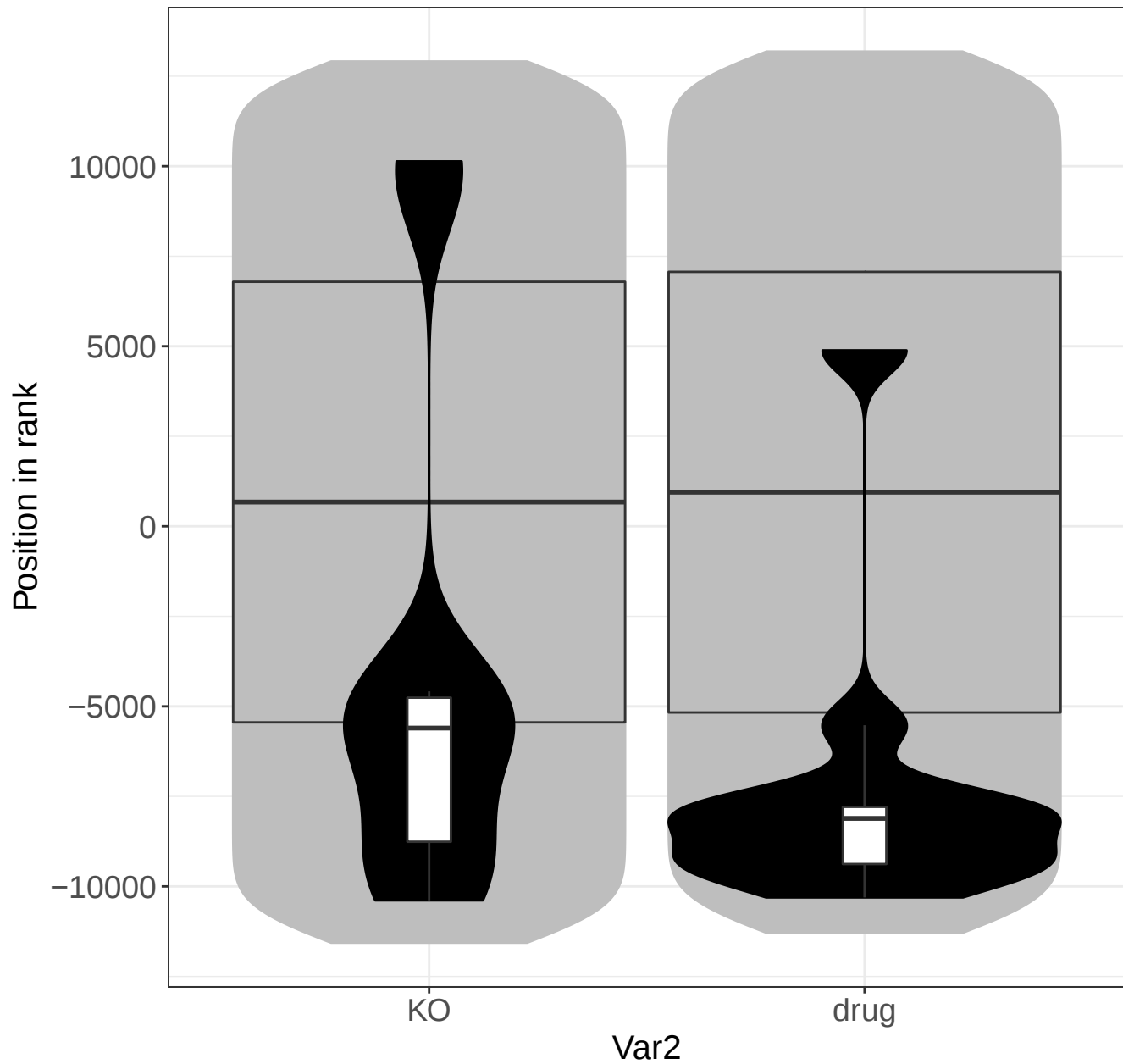
Synthesis of PIPs at the late endosome membrane



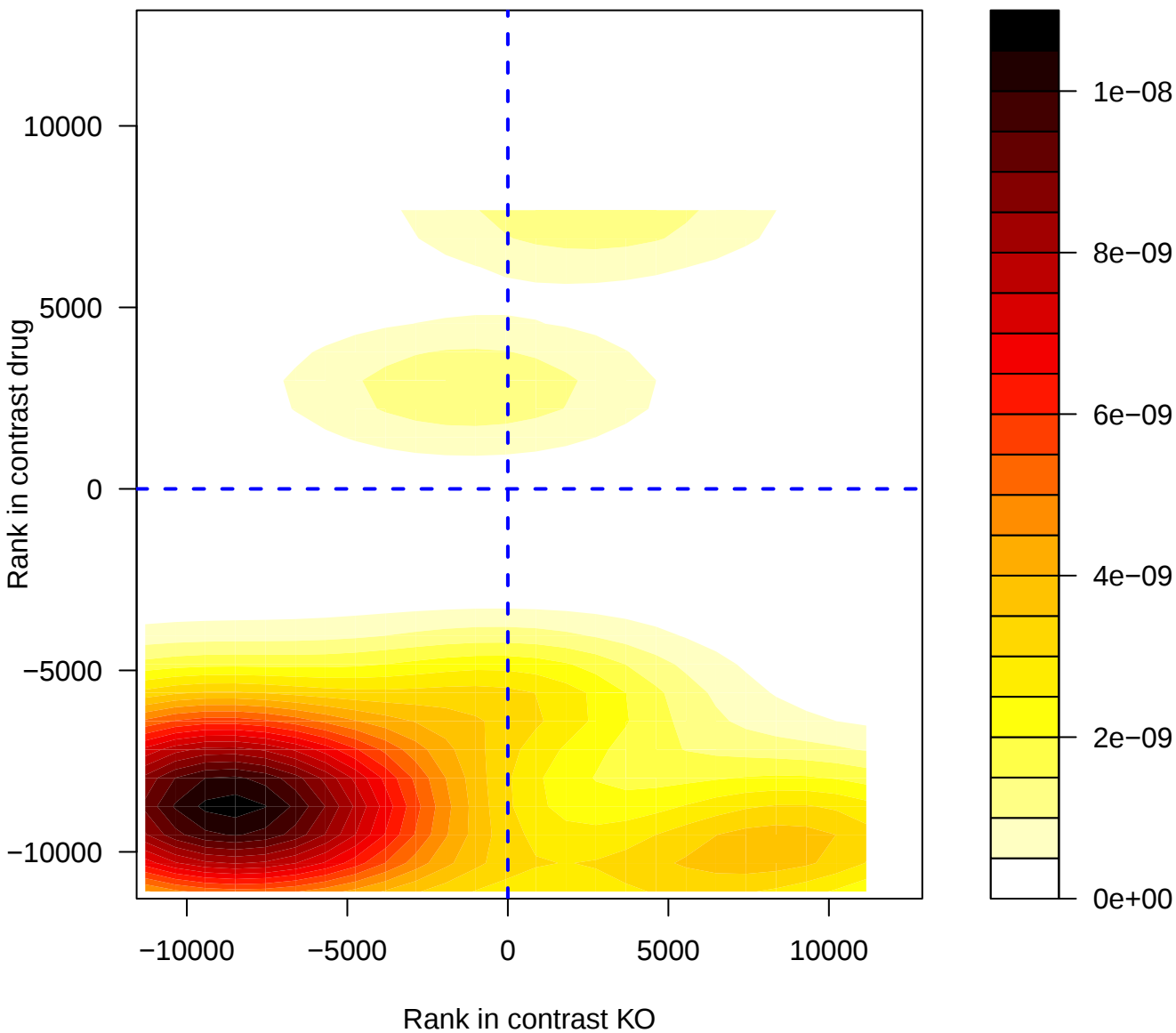
Synthesis of PIPs at the late endosome membrane



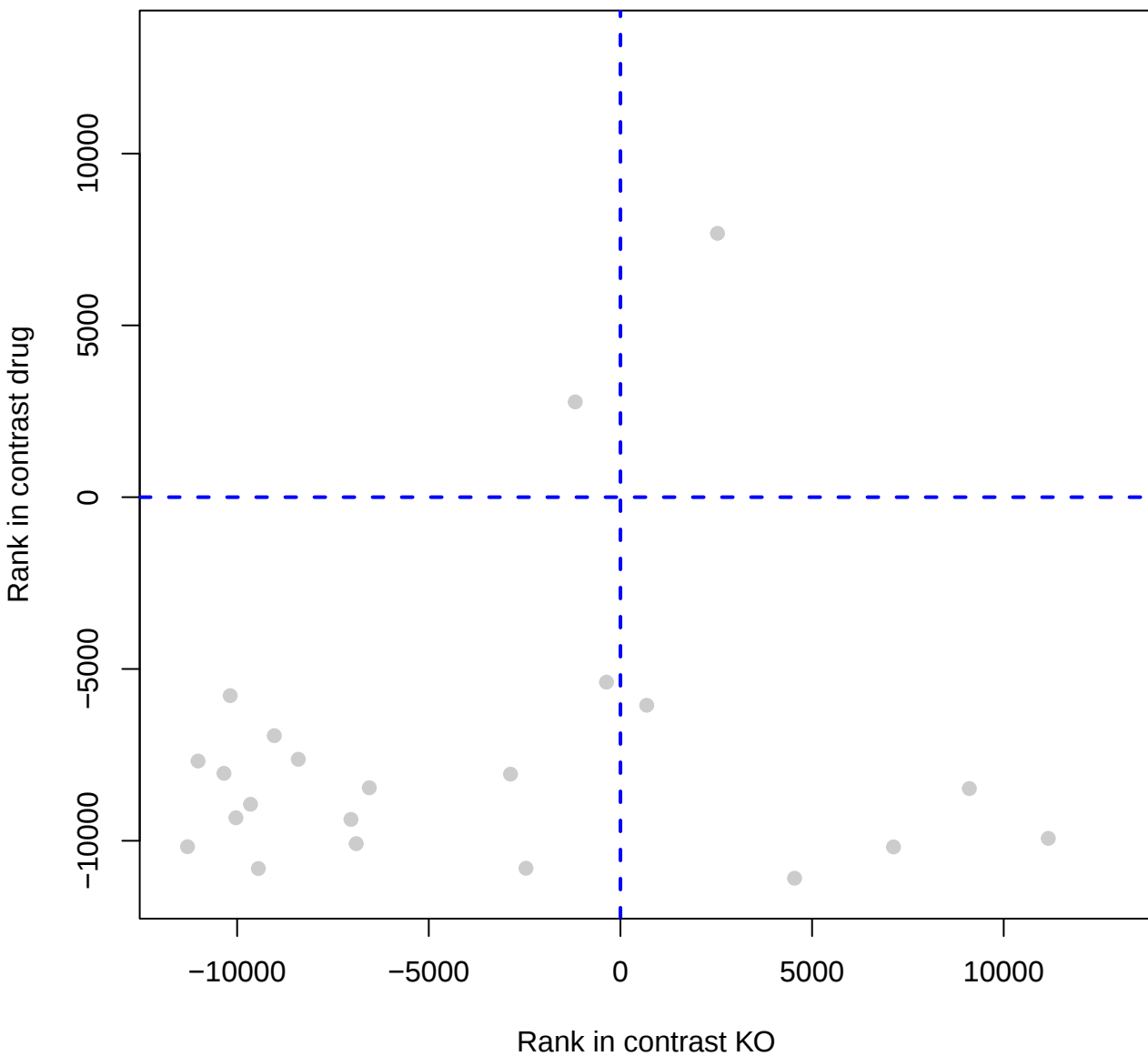
Synthesis of PIPs at the late endosome membrane



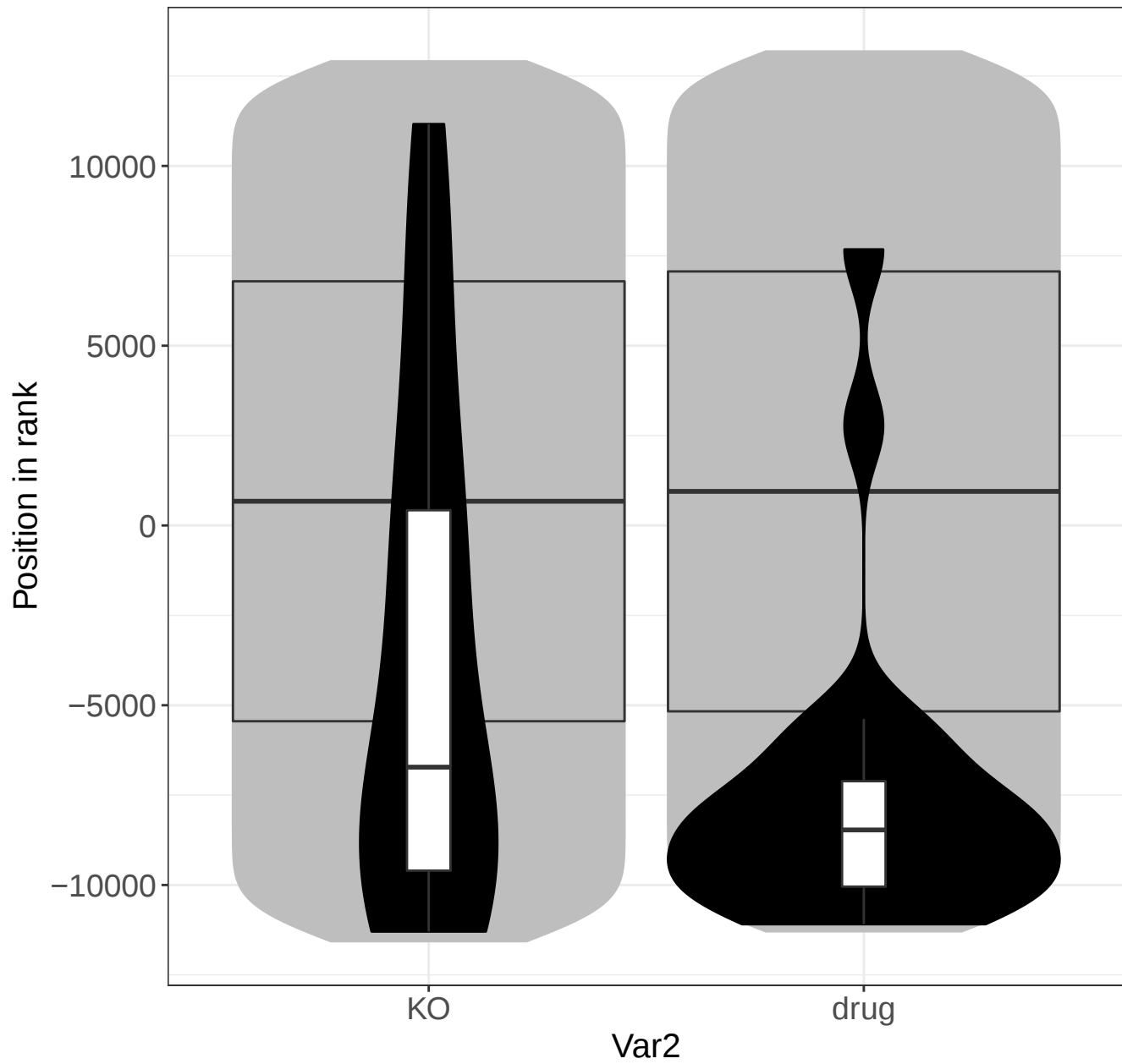
HDMs demethylate histones



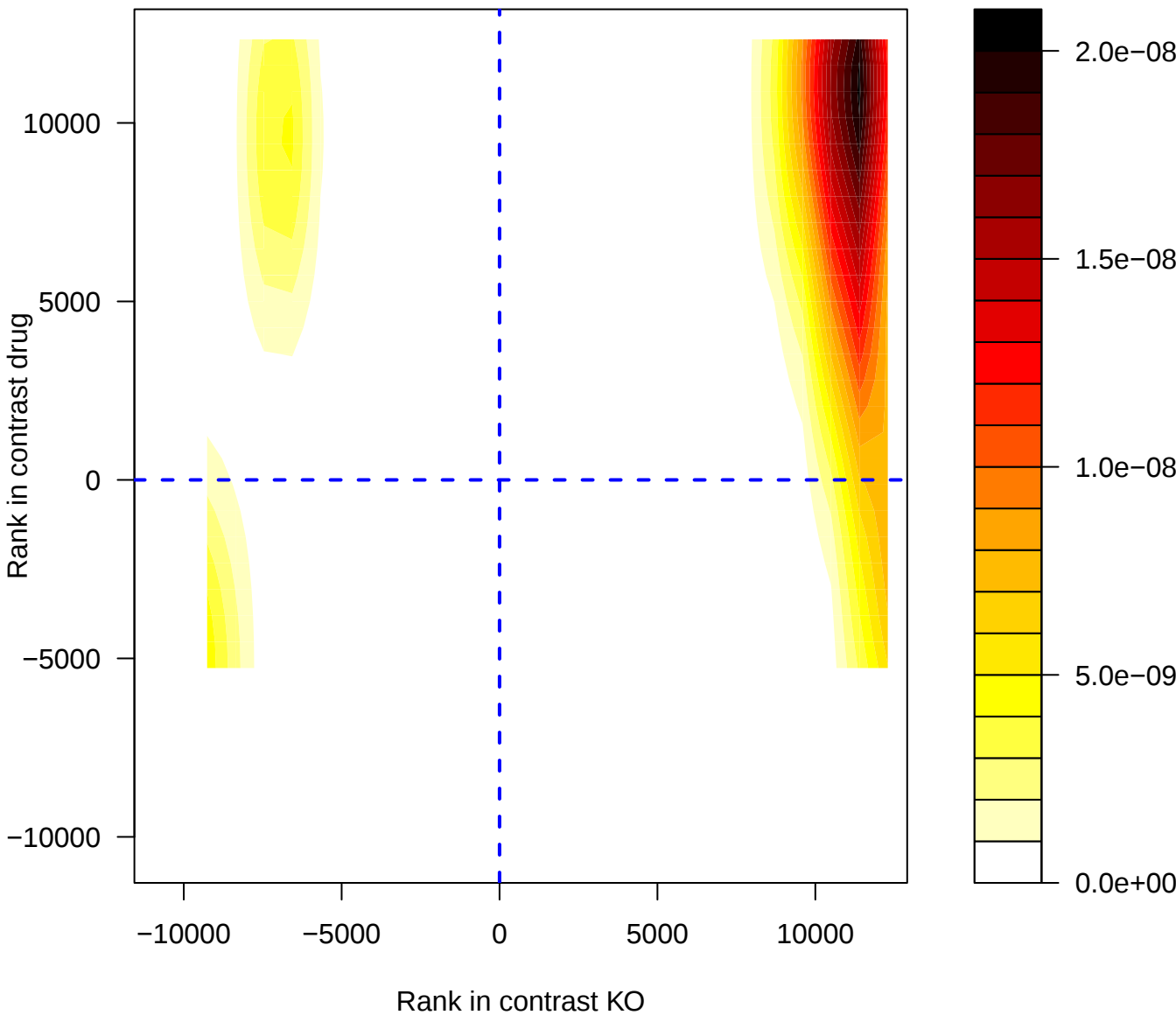
HDMs demethylate histones



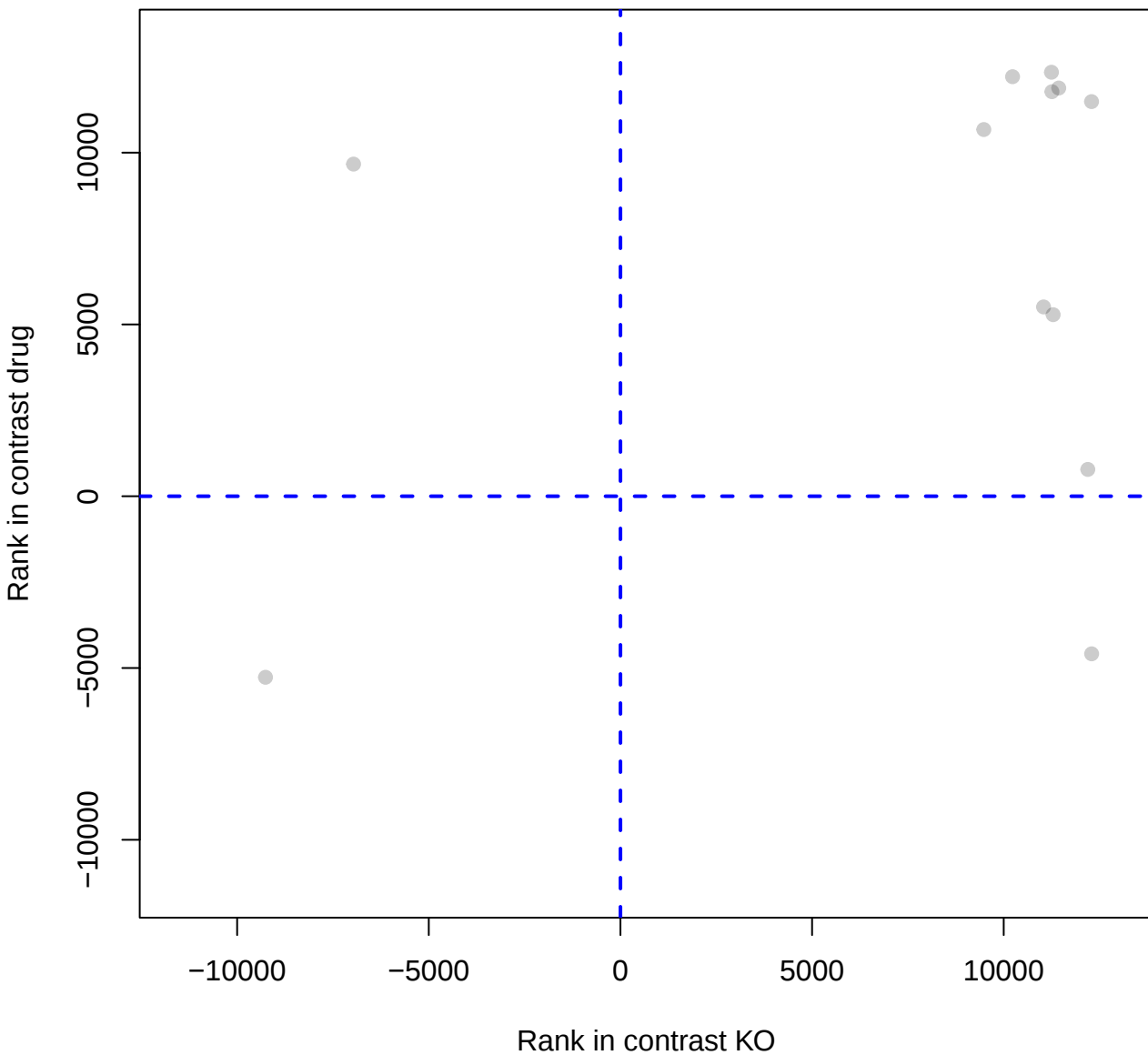
HDMs demethylate histones



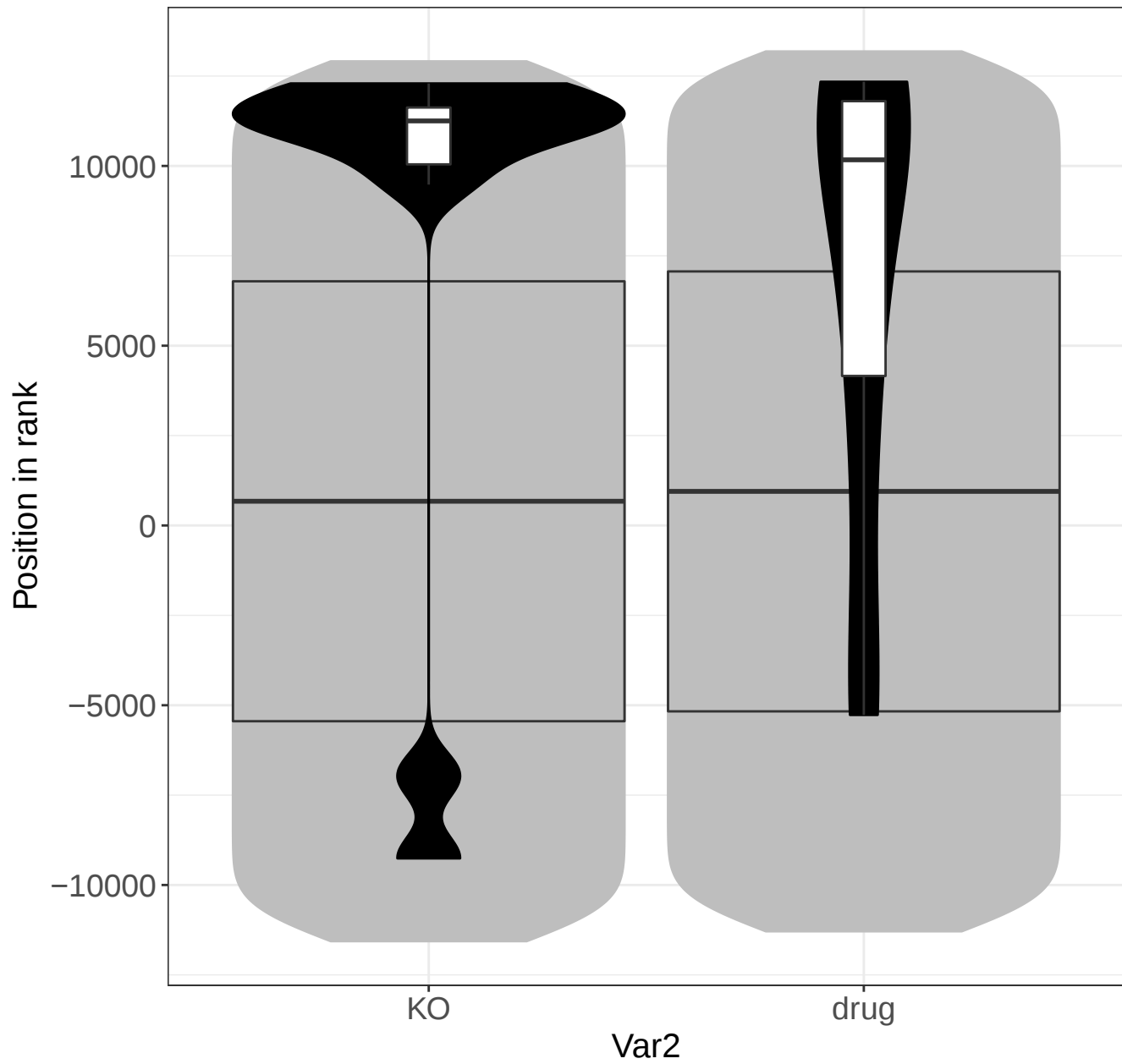
Unwinding of DNA



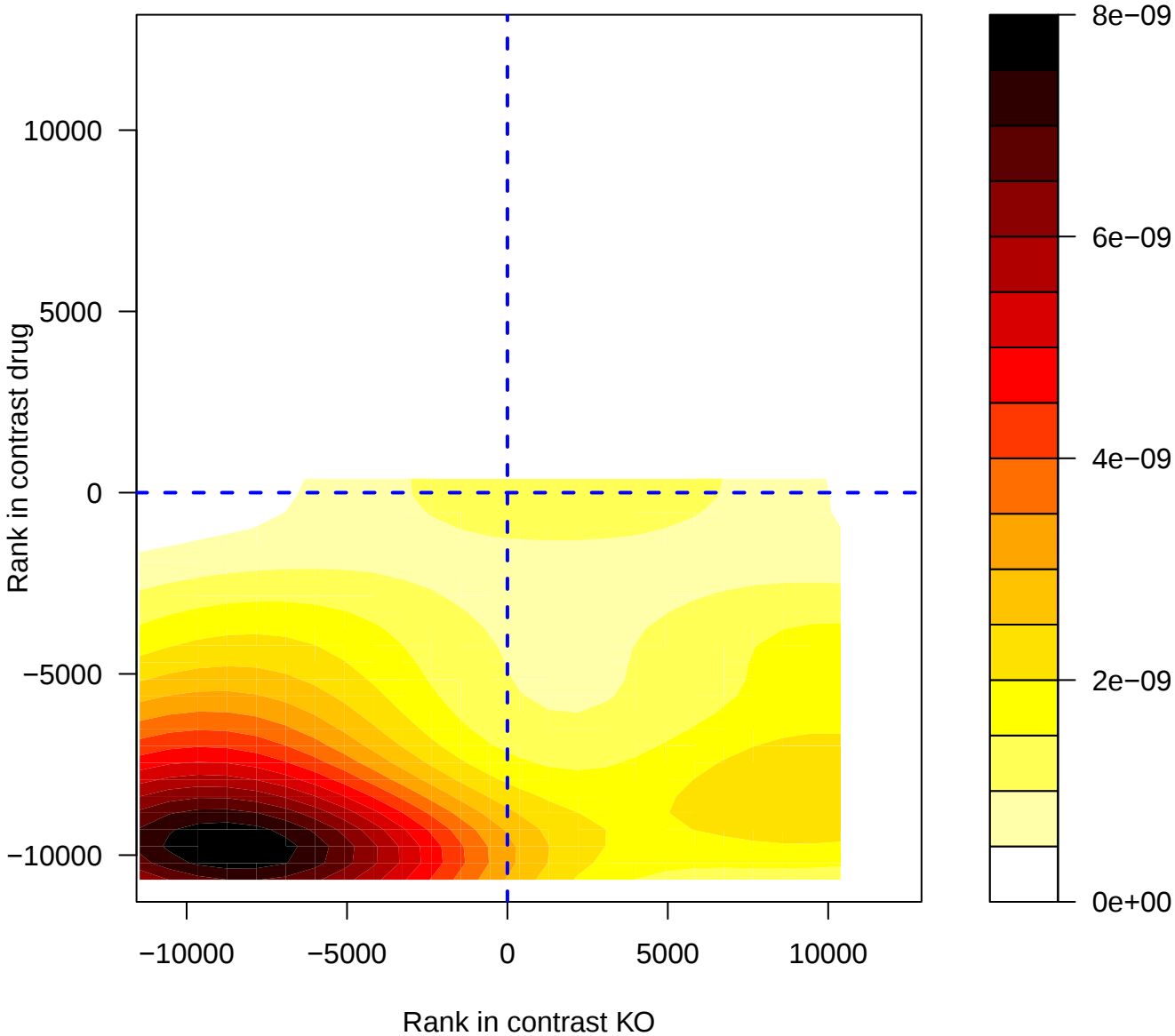
Unwinding of DNA



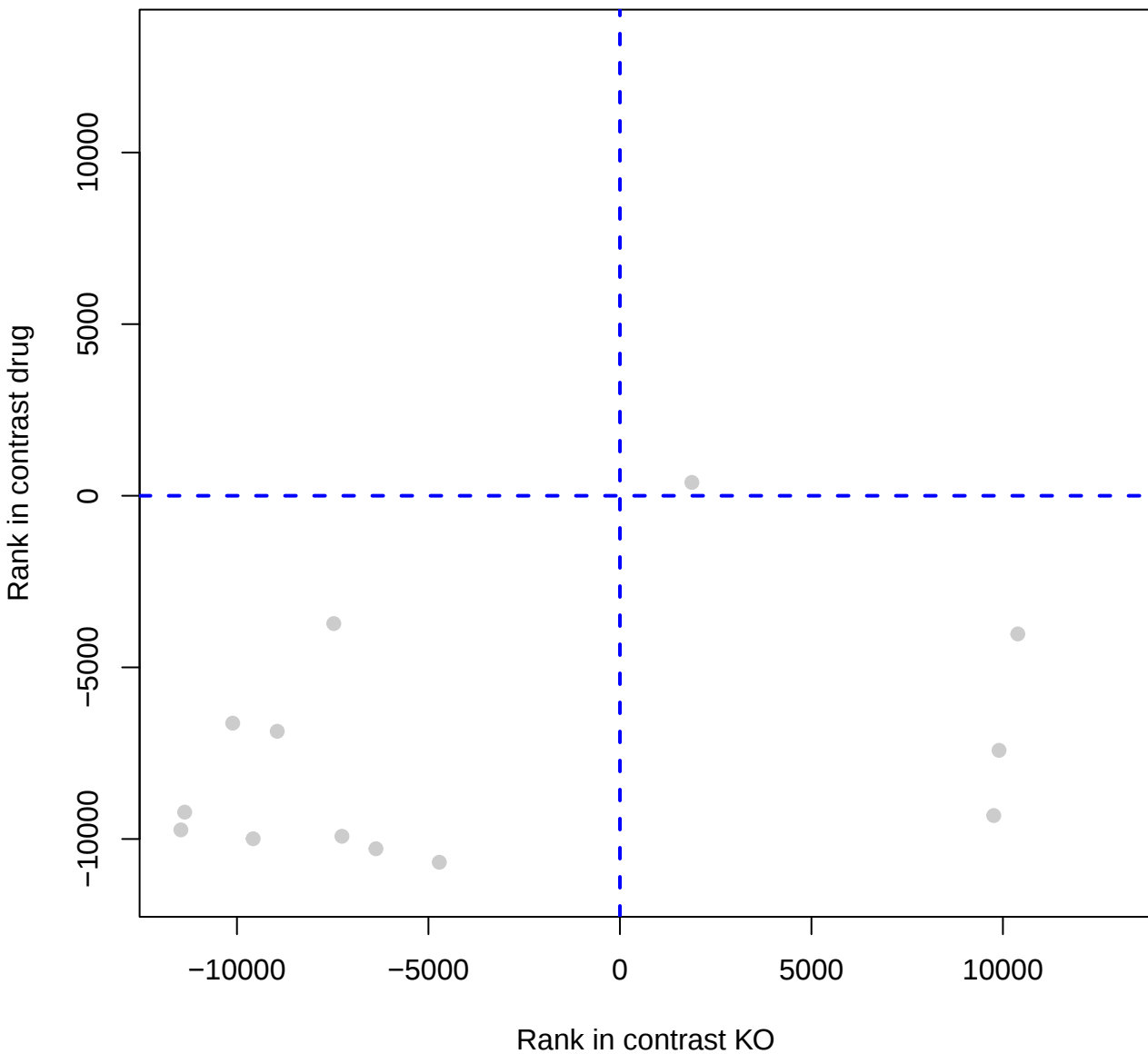
Unwinding of DNA



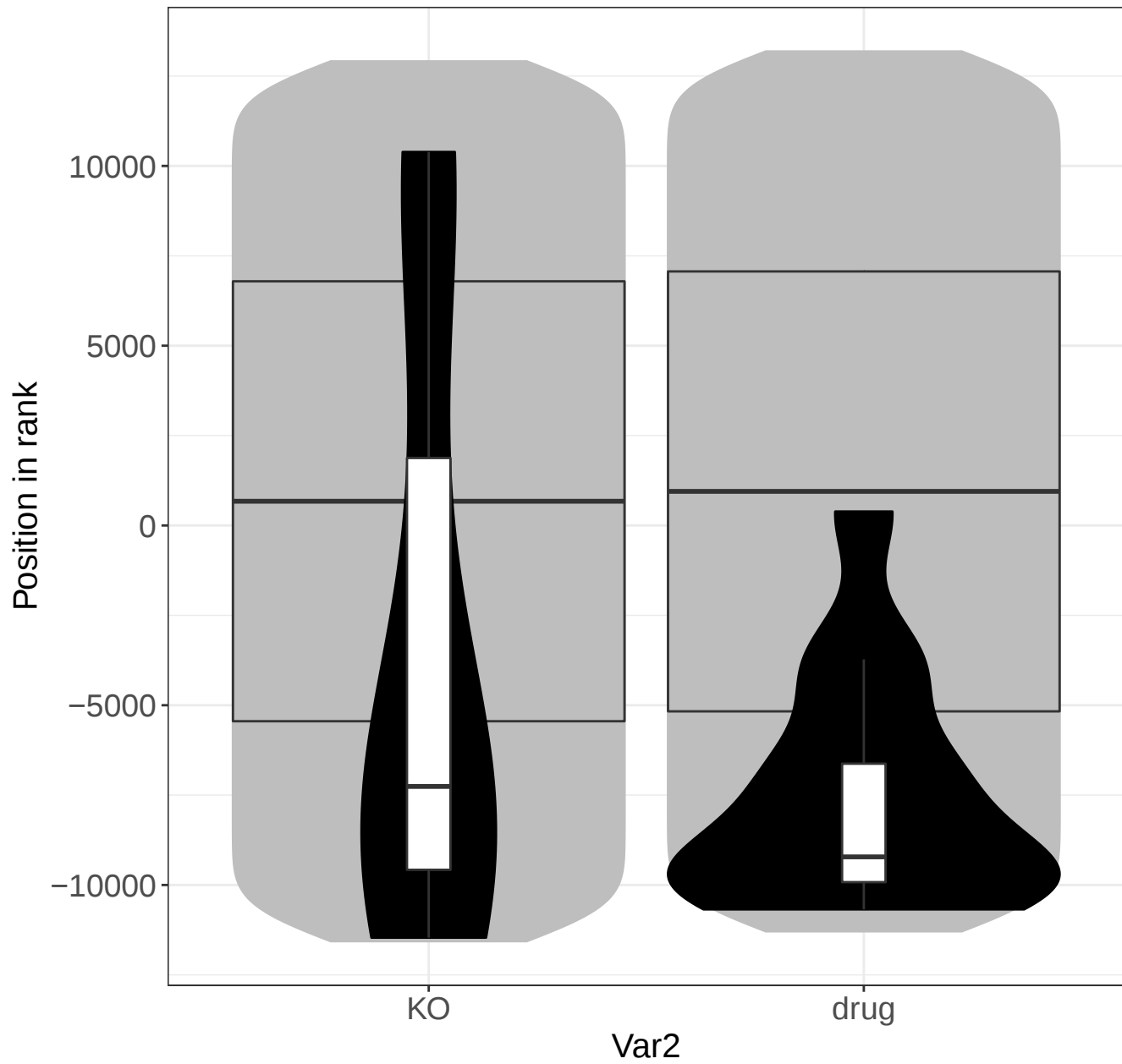
Activation of RAC1



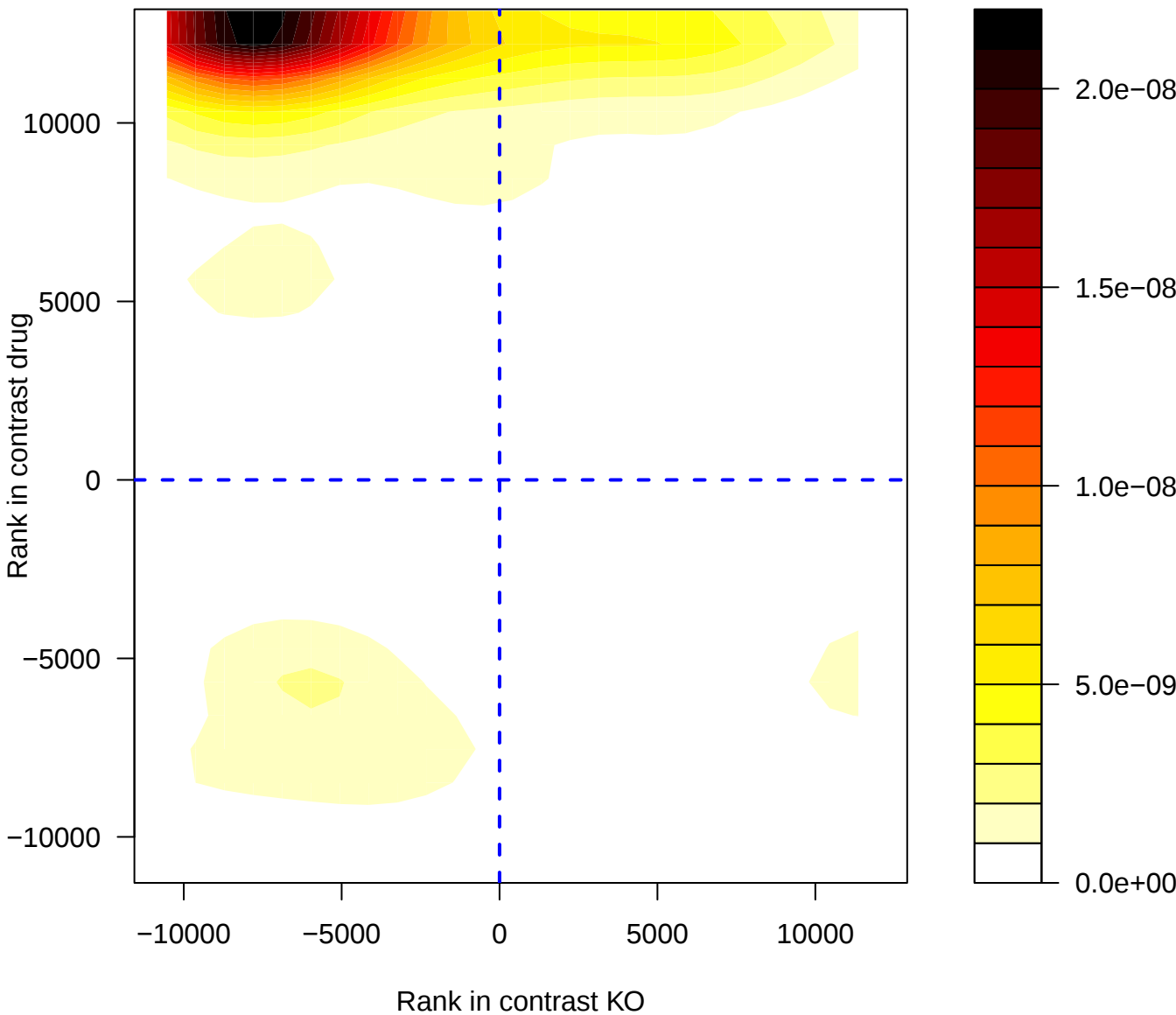
Activation of RAC1



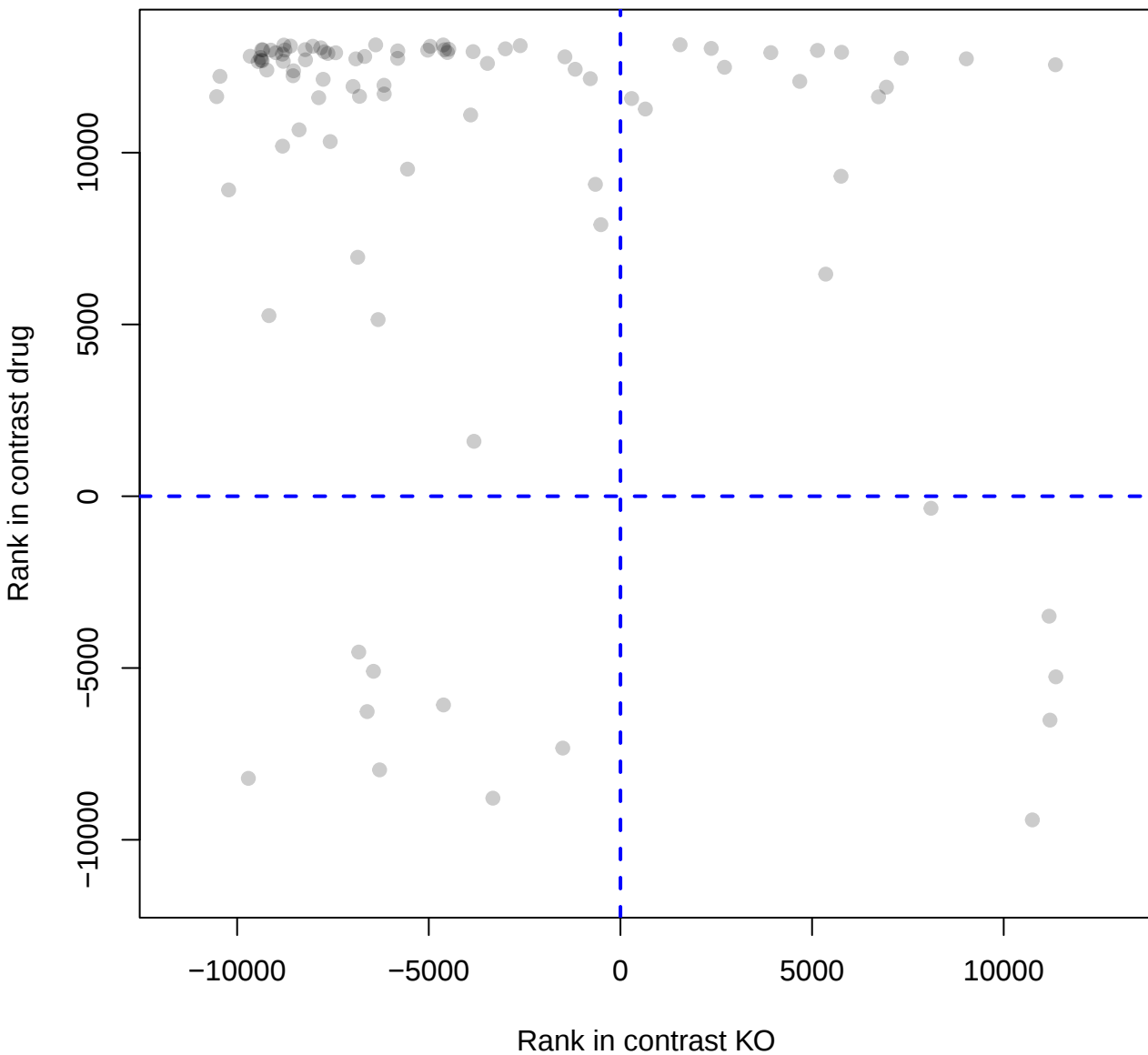
Activation of RAC1



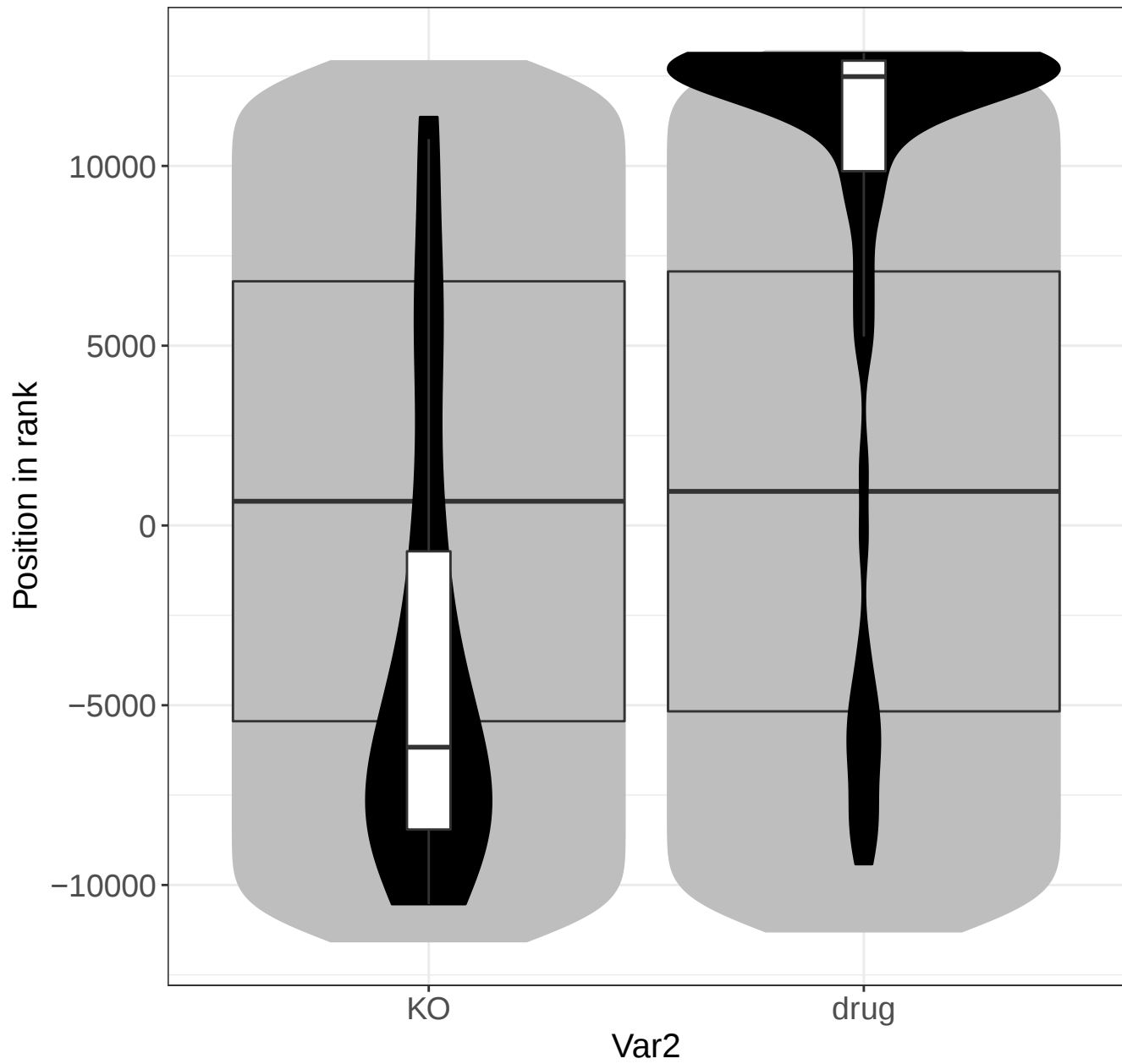
Selenocysteine synthesis



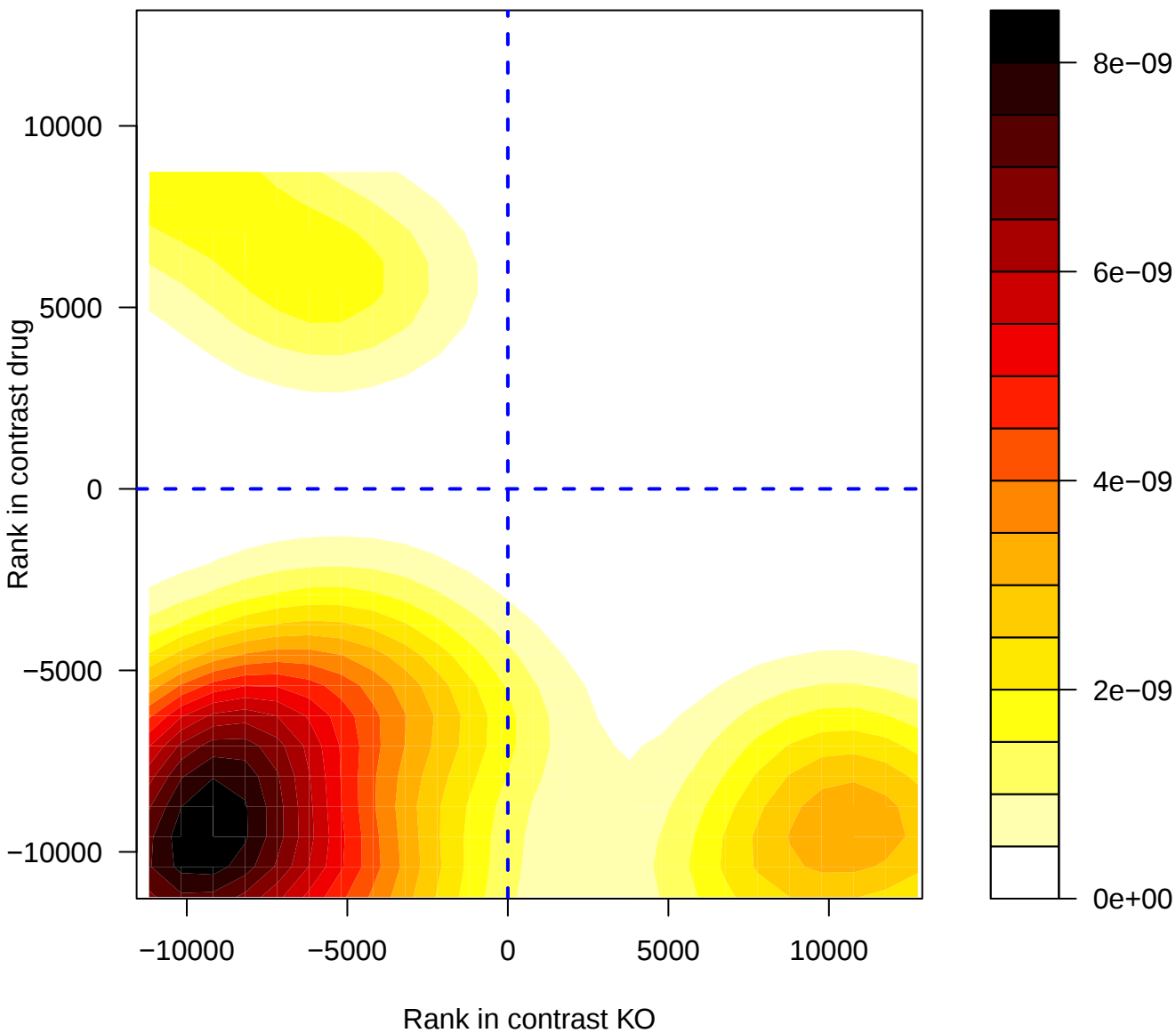
Selenocysteine synthesis



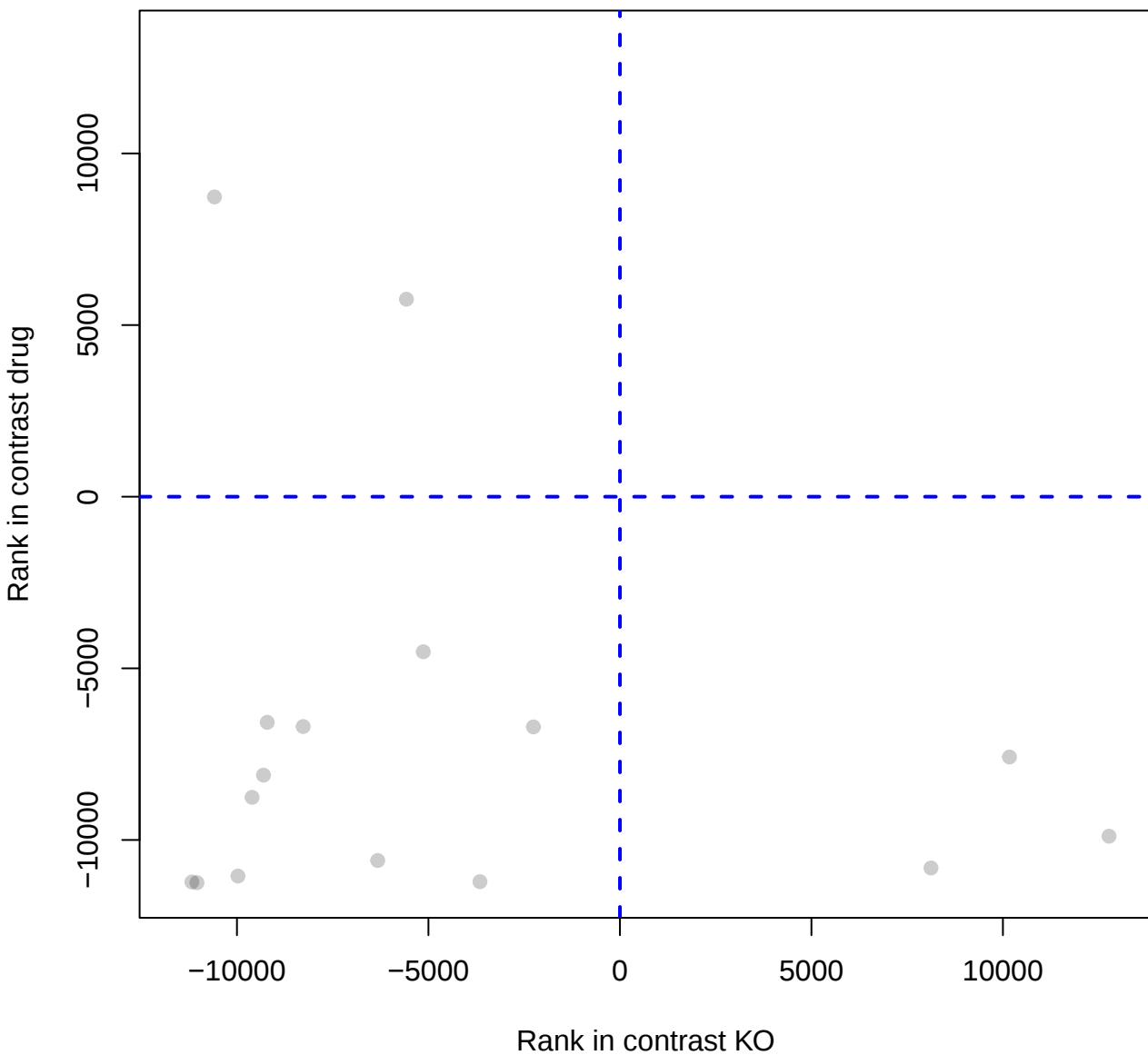
Selenocysteine synthesis



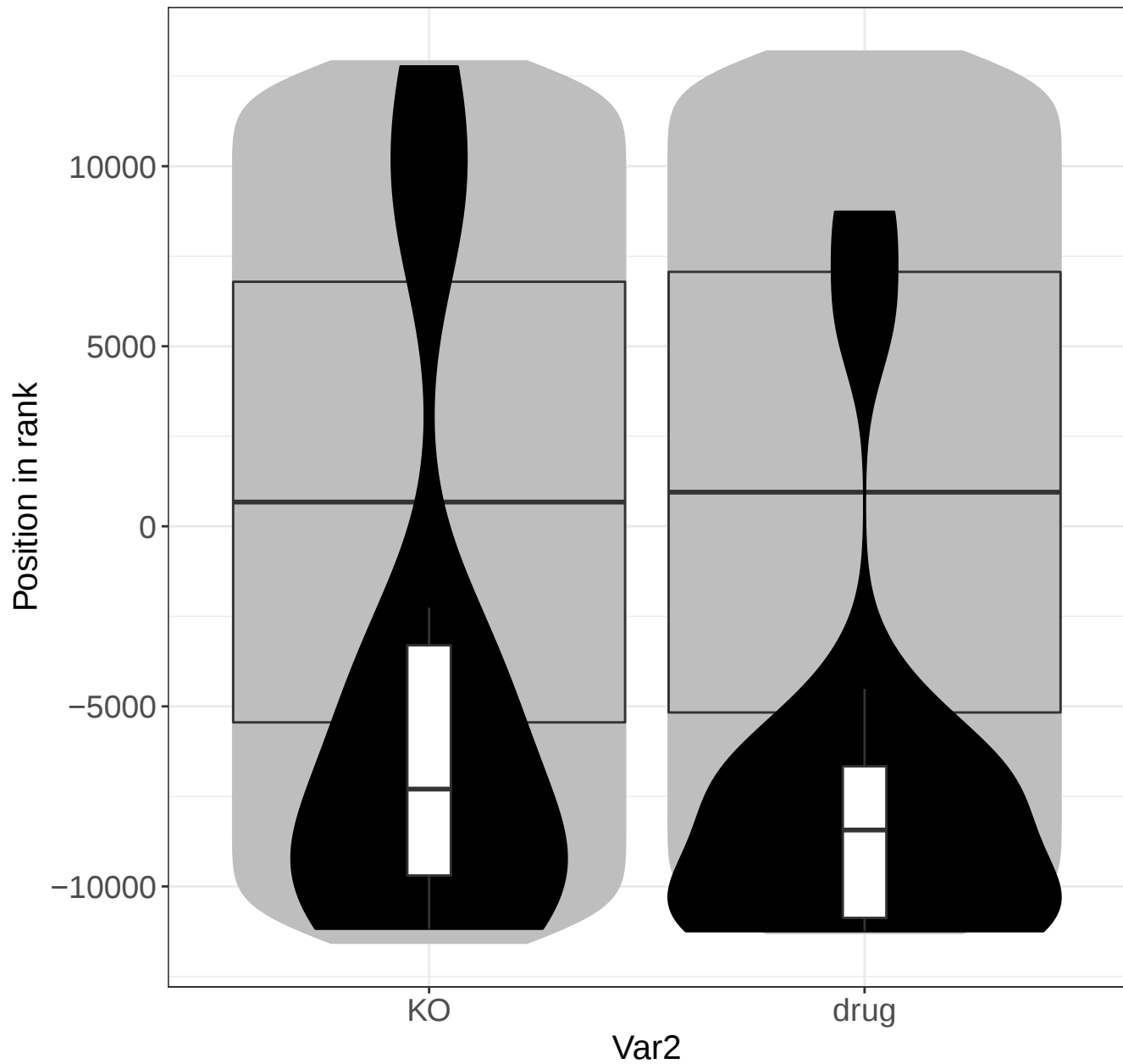
Cell-extracellular matrix interactions



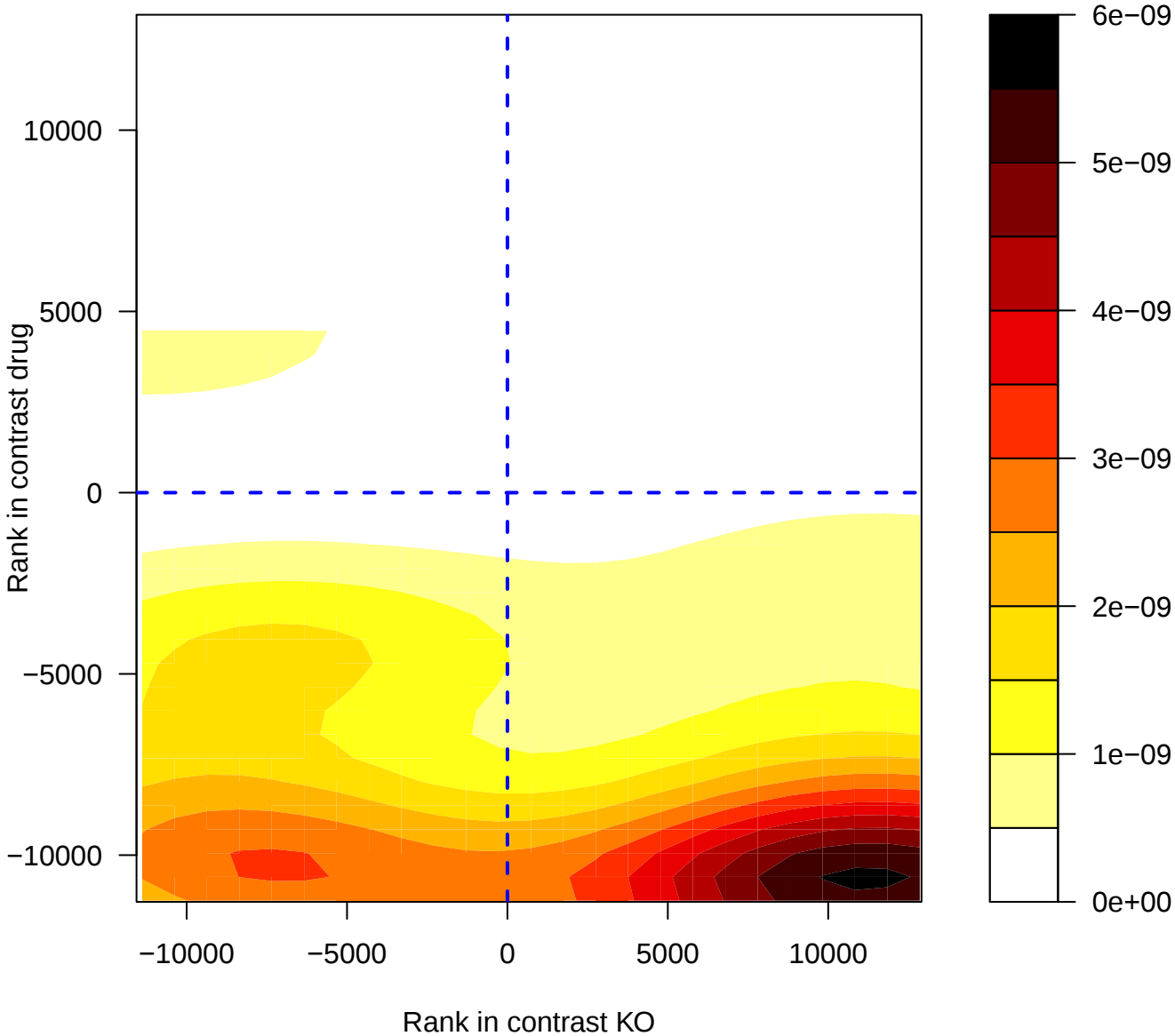
Cell-extracellular matrix interactions



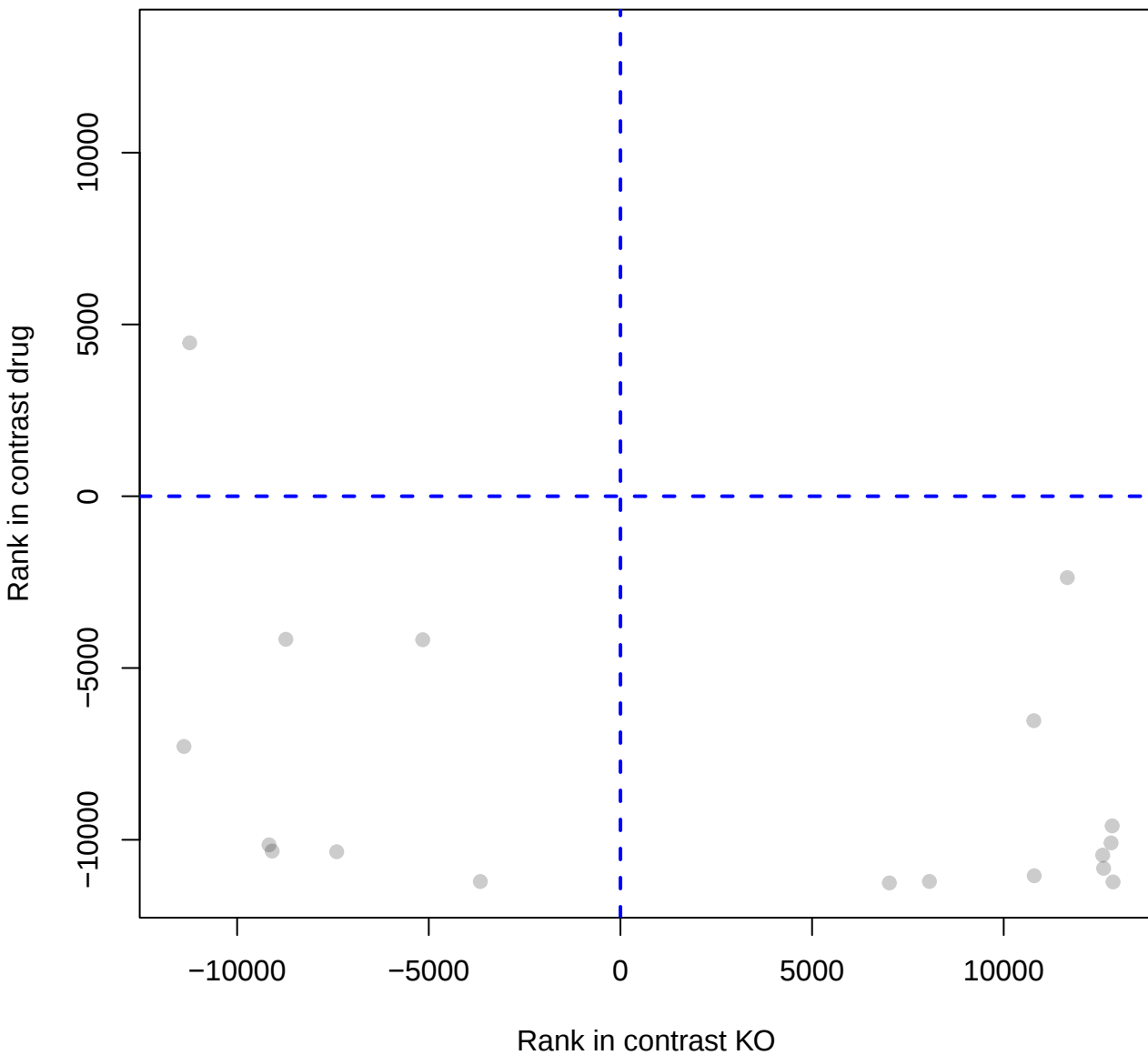
Cell-extracellular matrix interactions



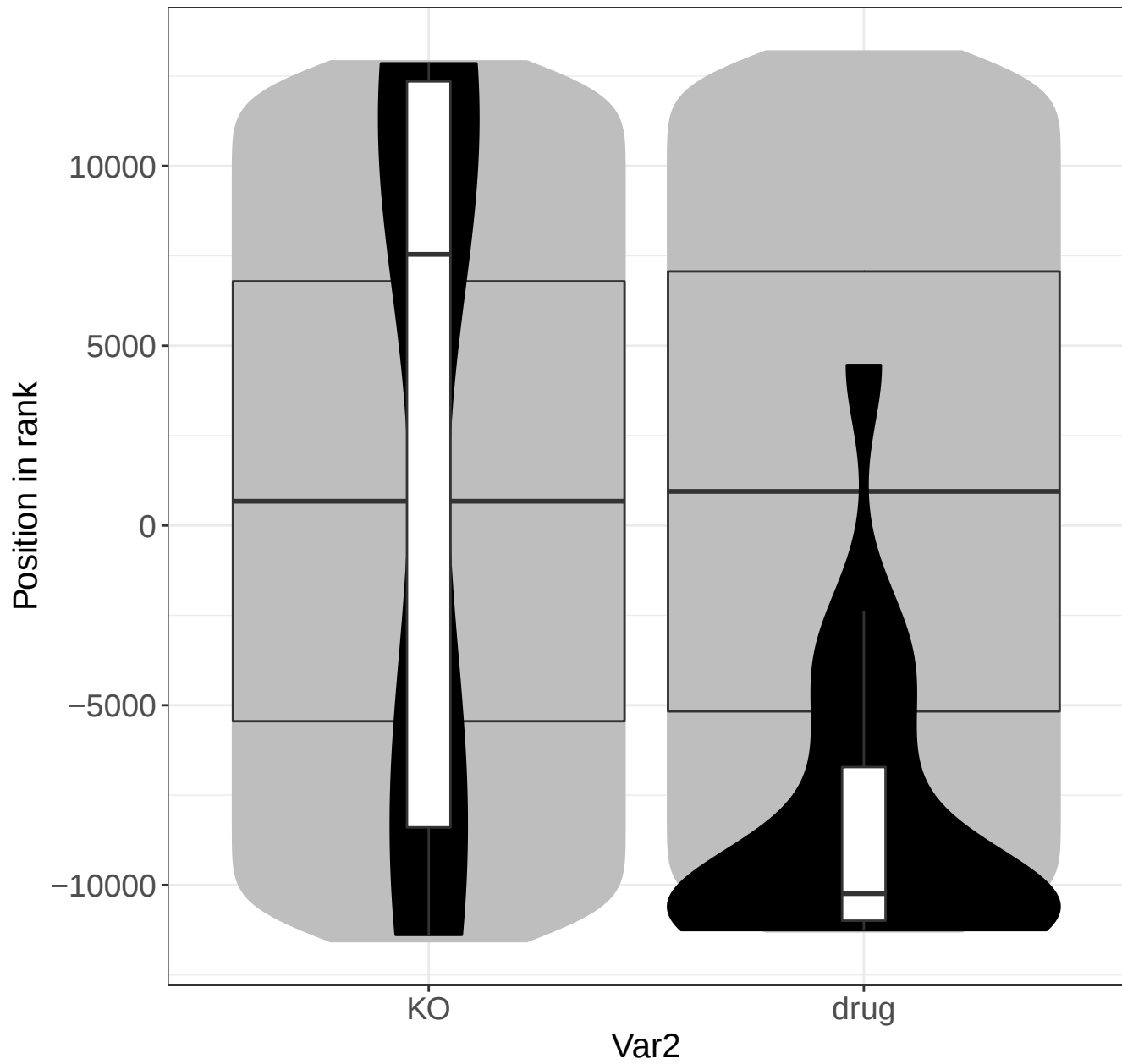
MET activates PTK2 signaling



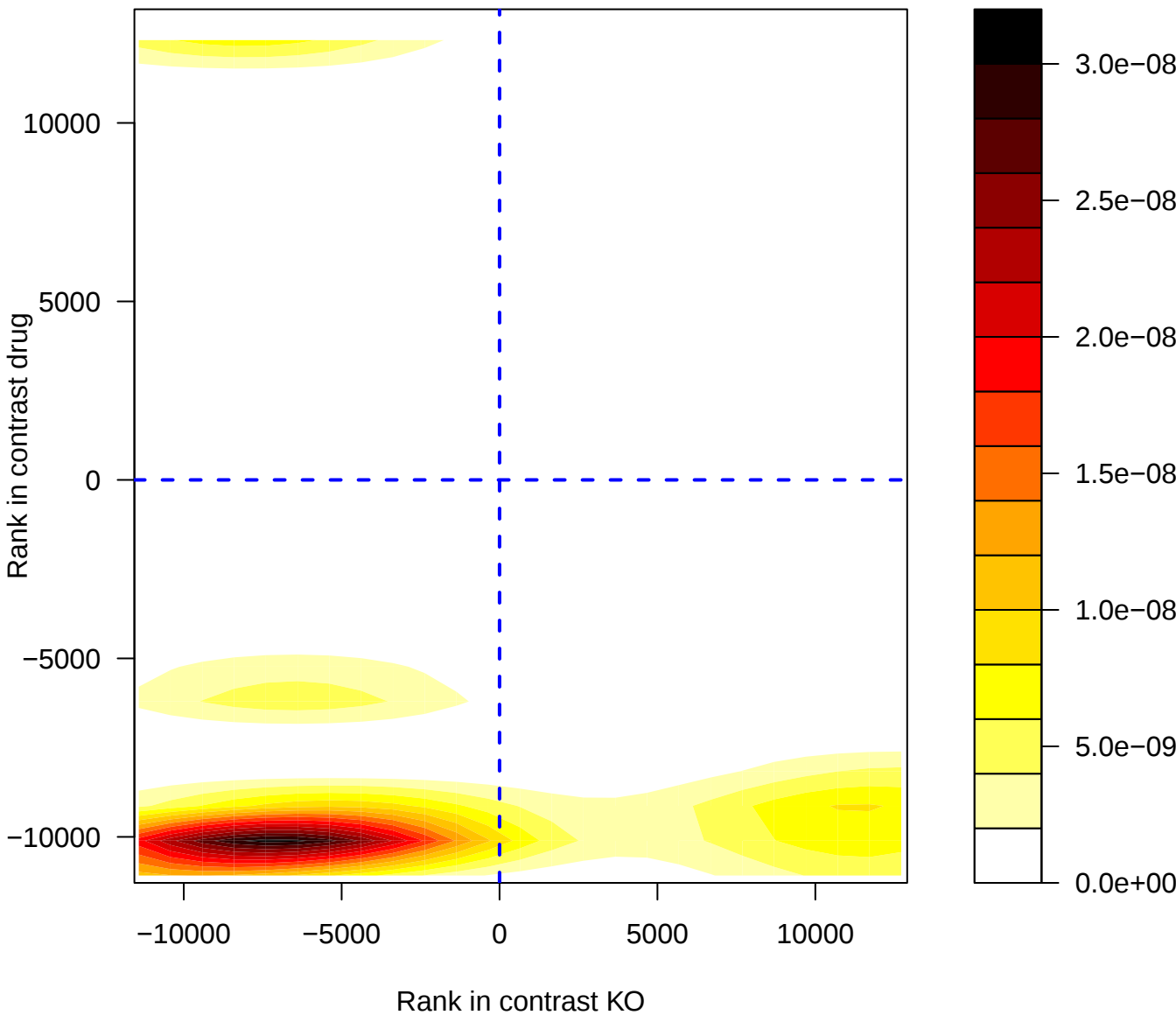
MET activates PTK2 signaling



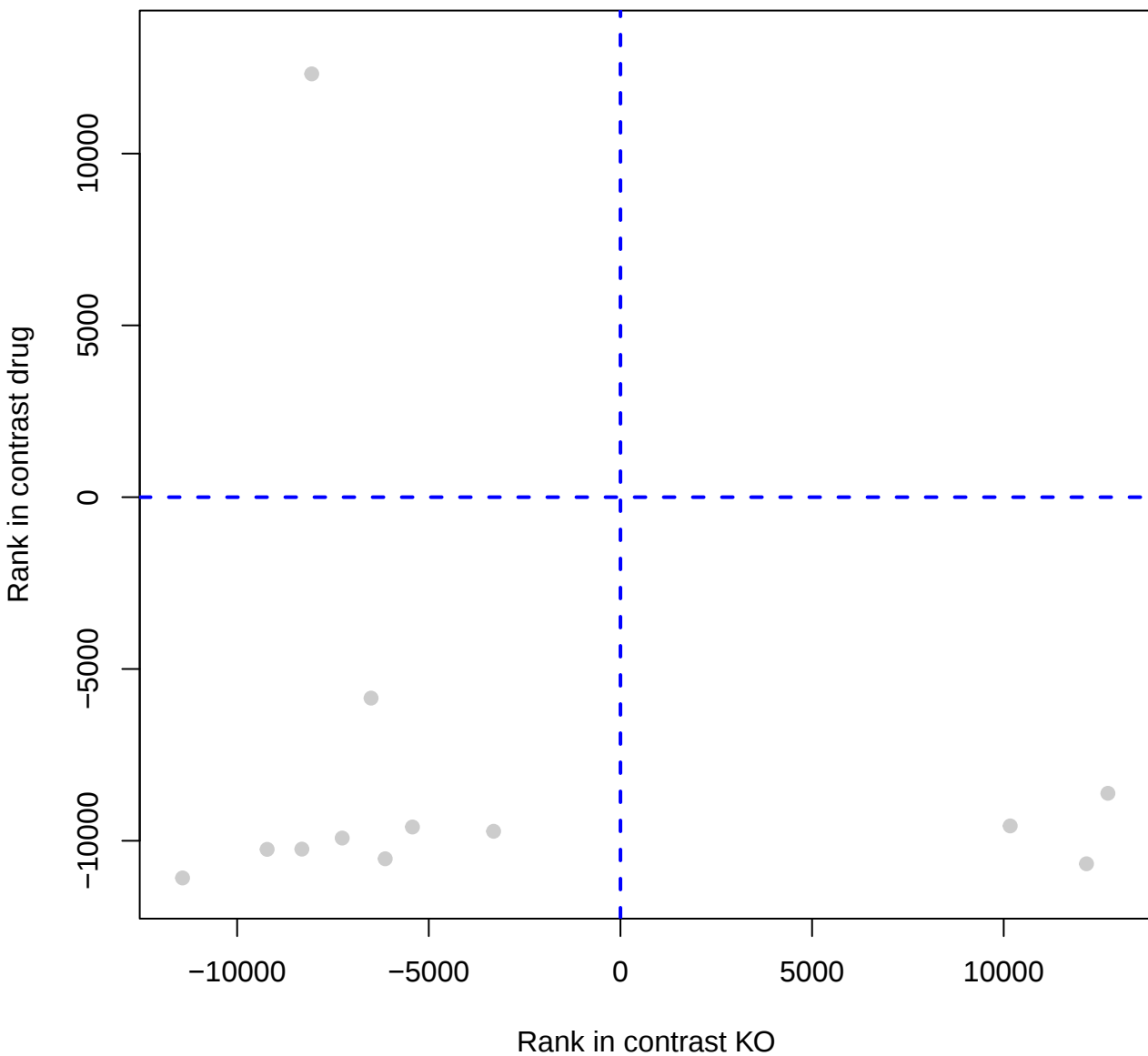
MET activates PTK2 signaling



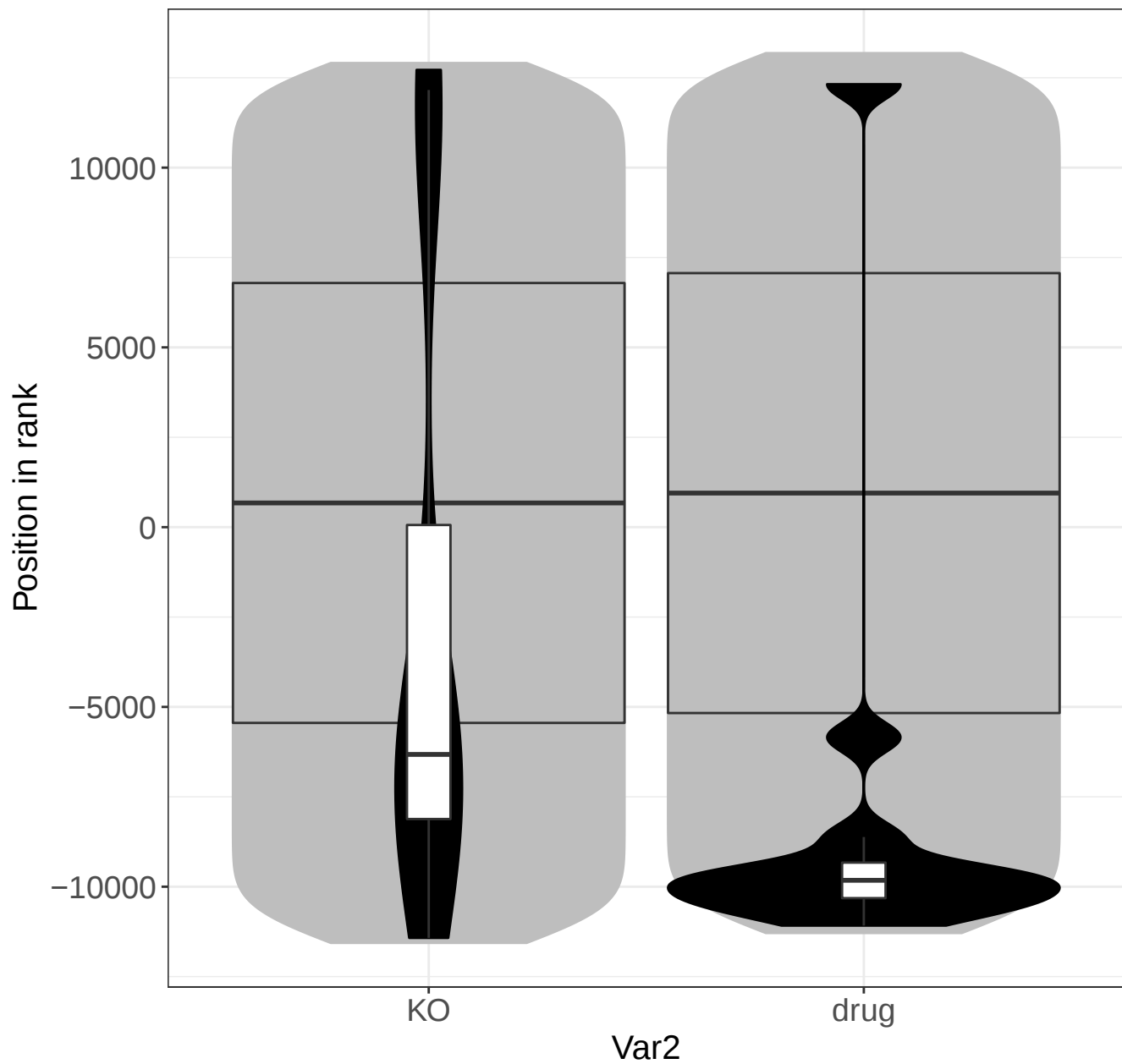
Signaling by PDGFRA extracellular domain mutants



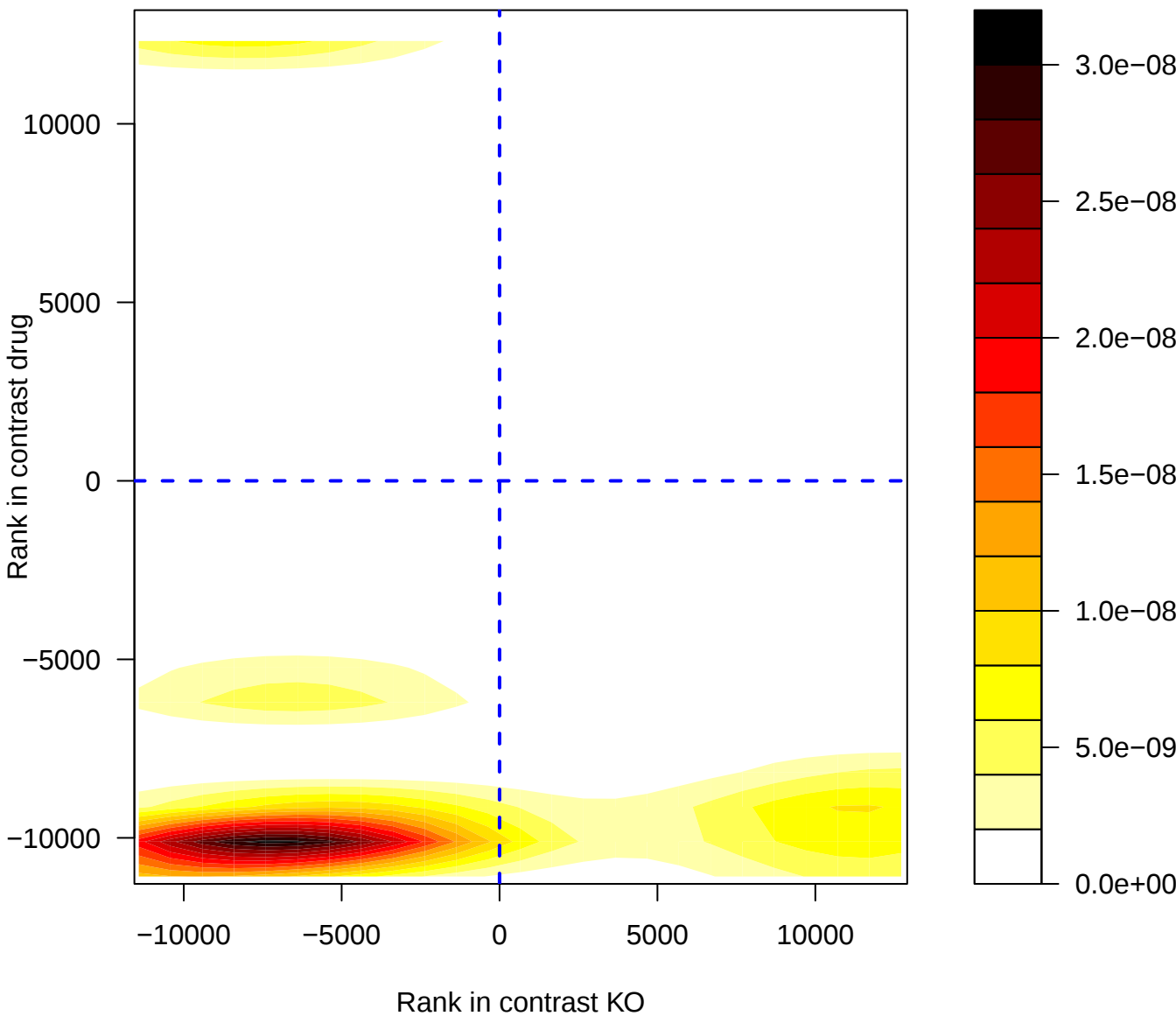
Signaling by PDGFRA extracellular domain mutants



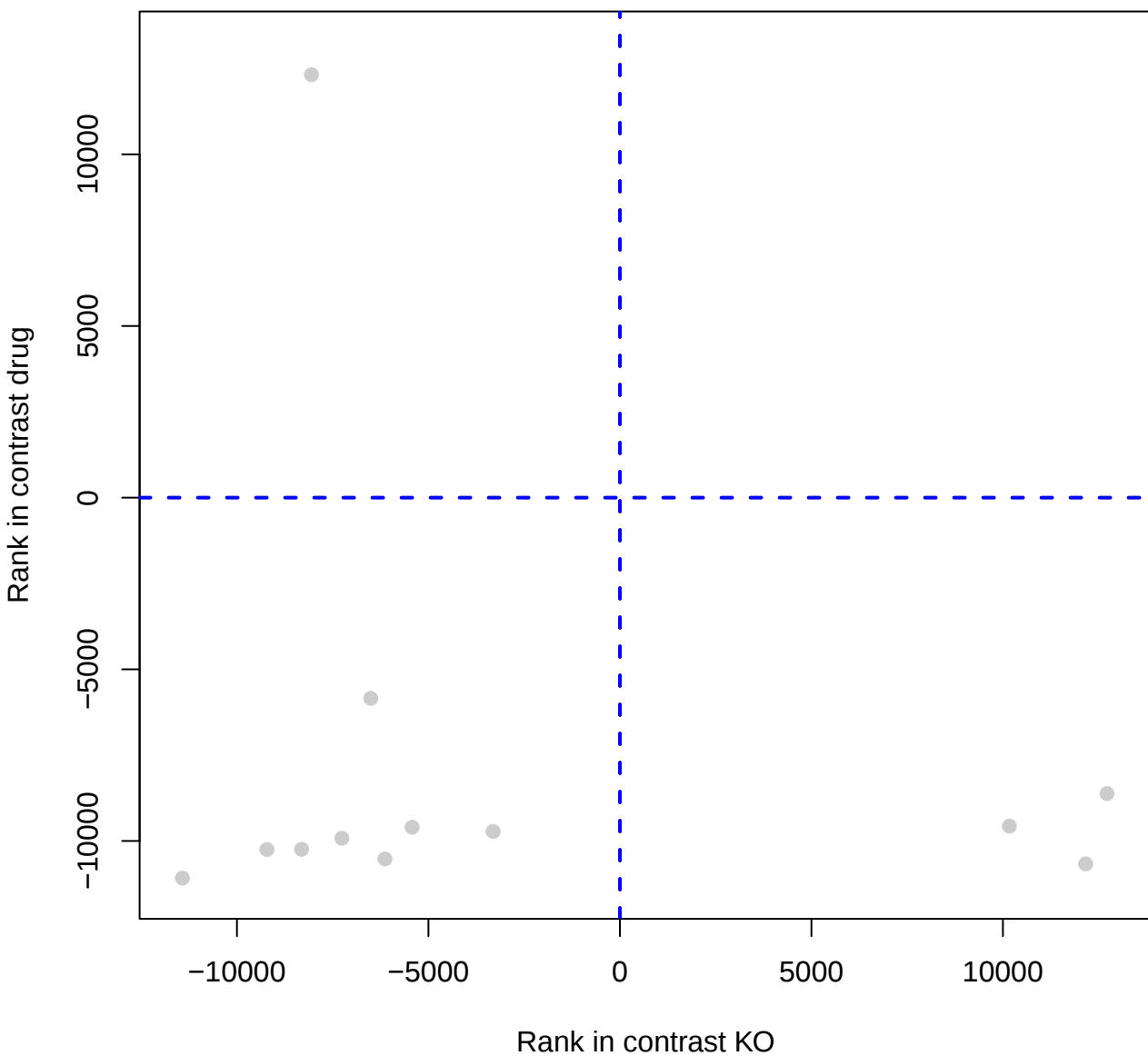
Signaling by PDGFRA extracellular domain muta



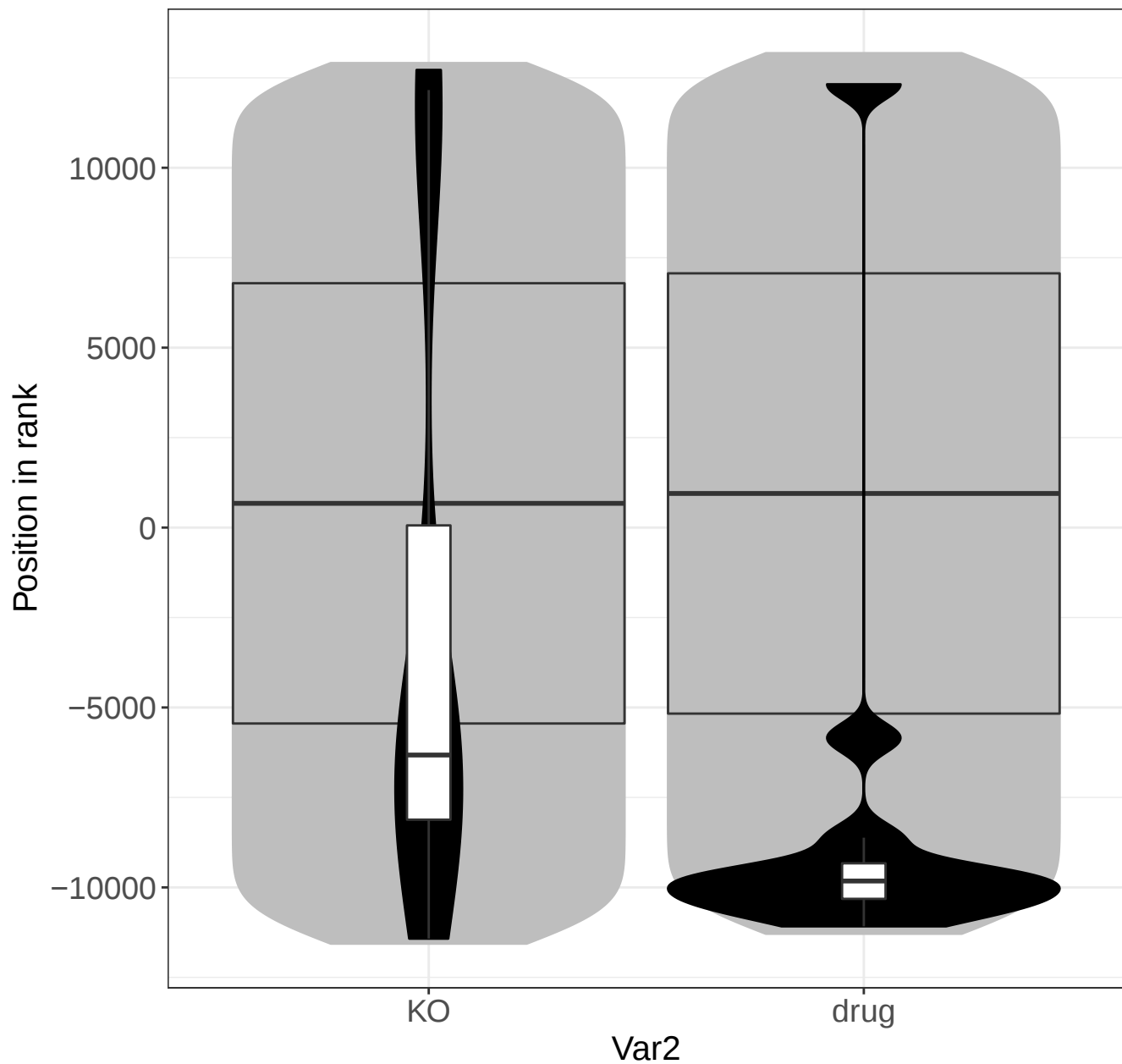
g by PDGFRA transmembrane, juxtamembrane and kinase d



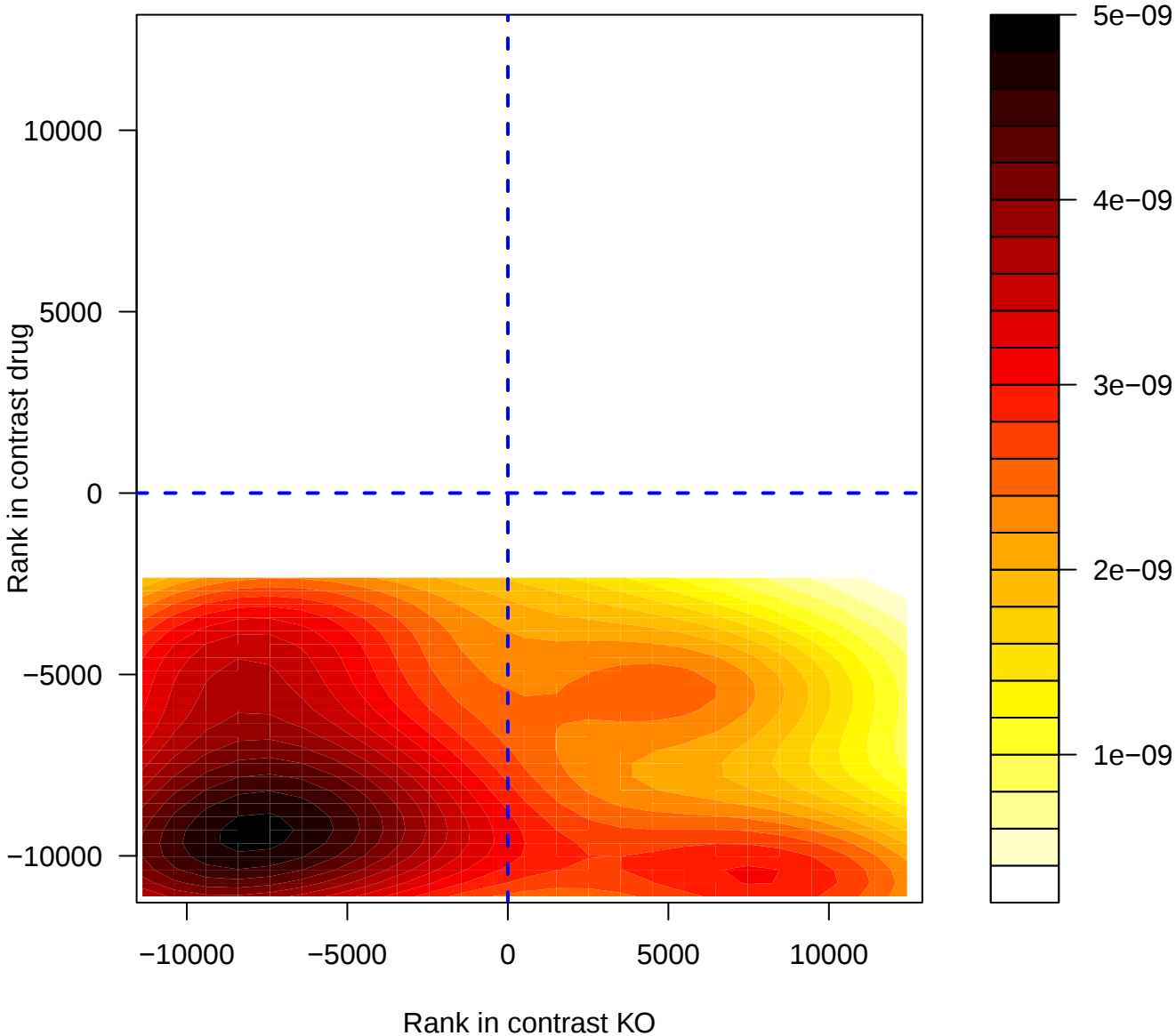
signaling by PDGFRA transmembrane, juxtamembrane and kinase domain mo



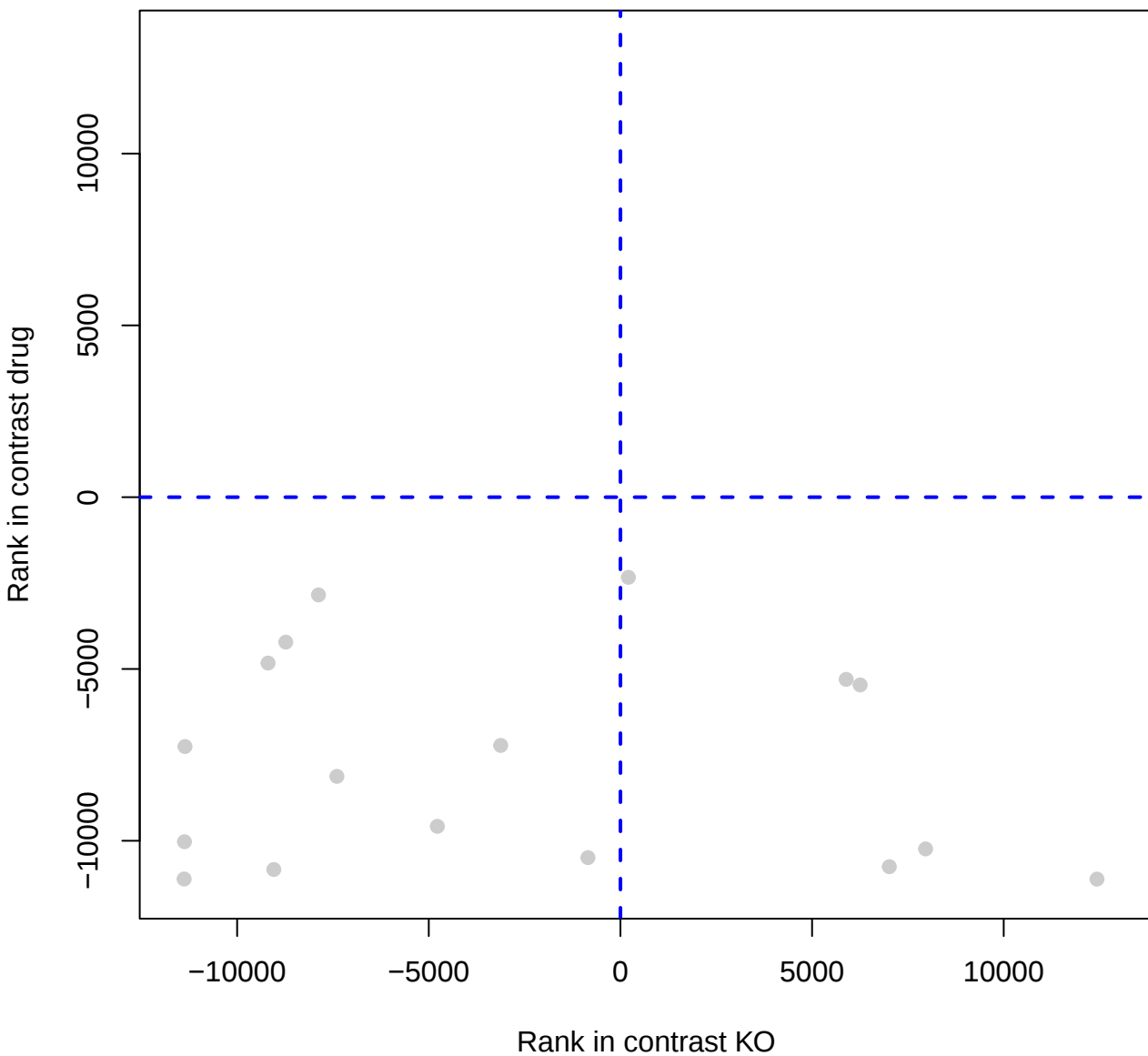
Signaling by PDGFRA transmembrane, juxtamembrane



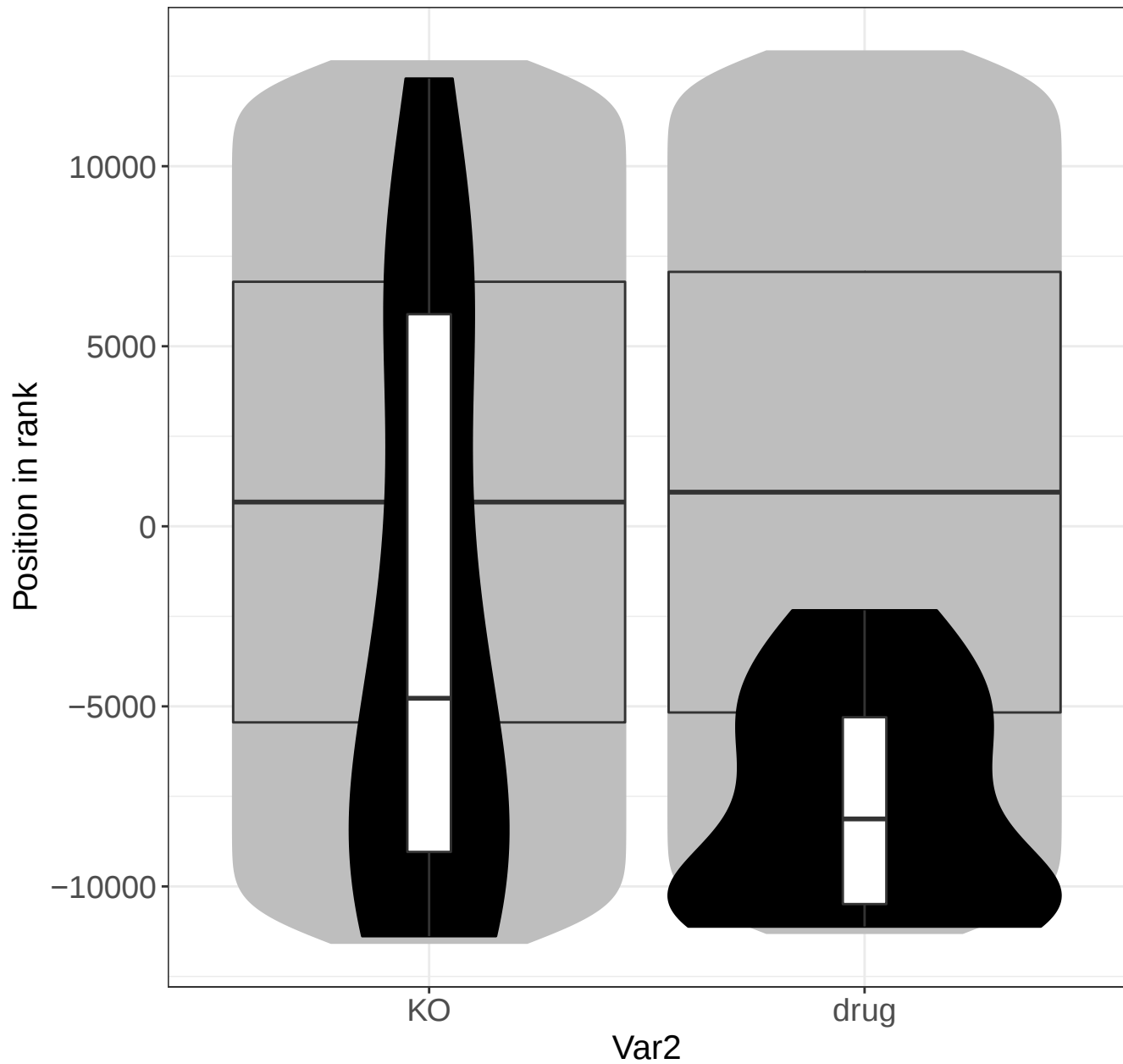
Beta-catenin phosphorylation cascade



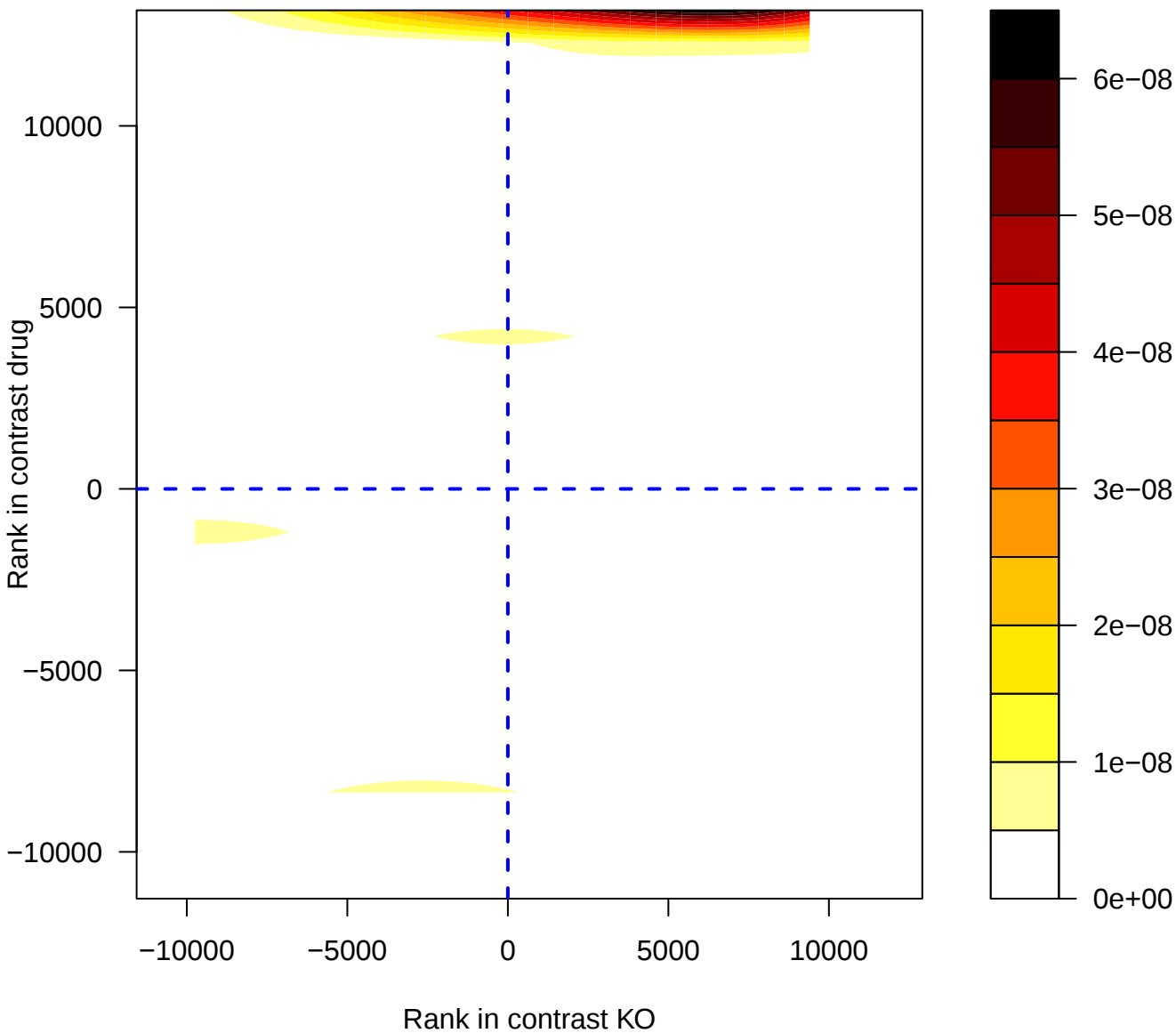
Beta-catenin phosphorylation cascade



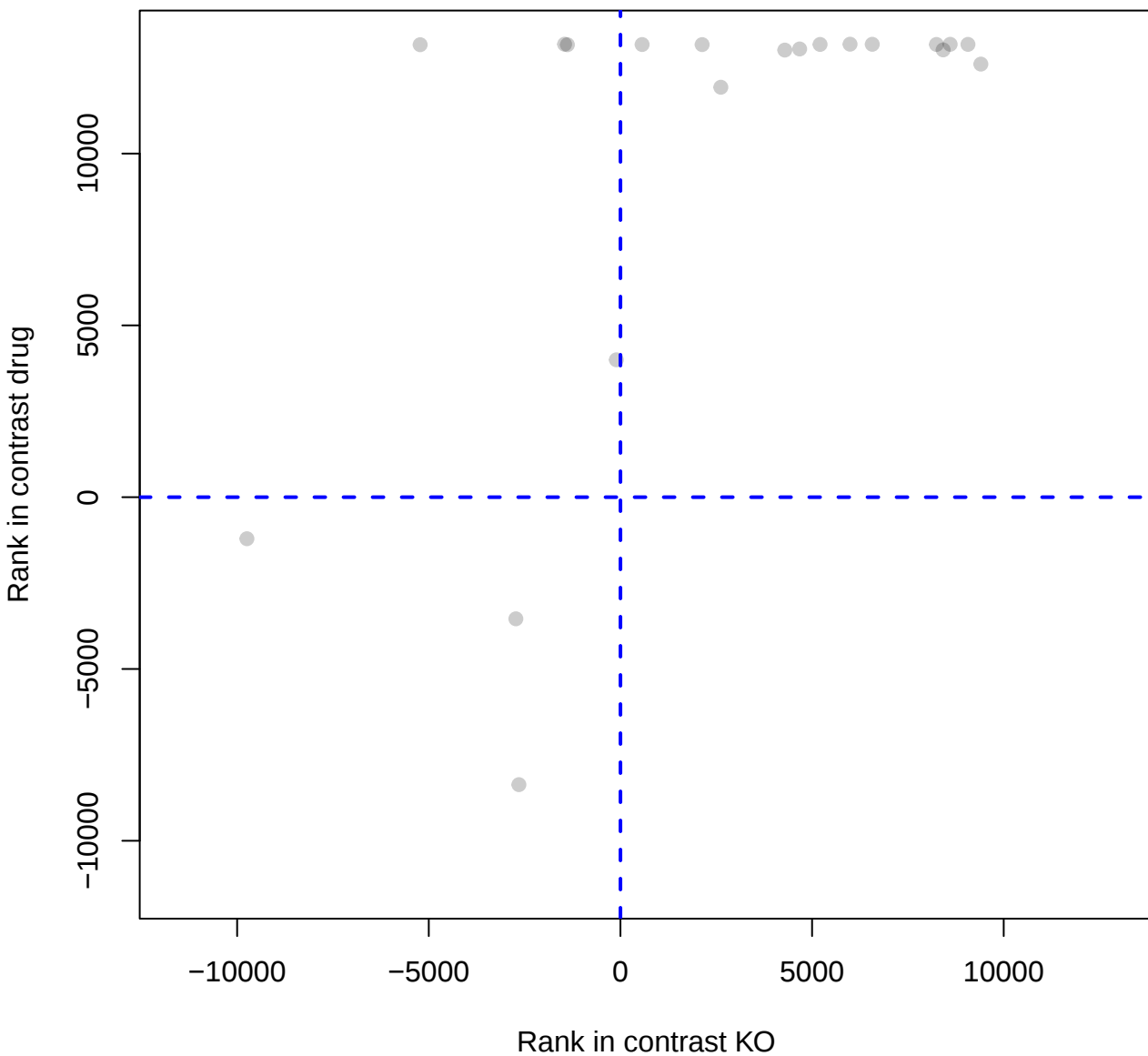
Beta-catenin phosphorylation cascade



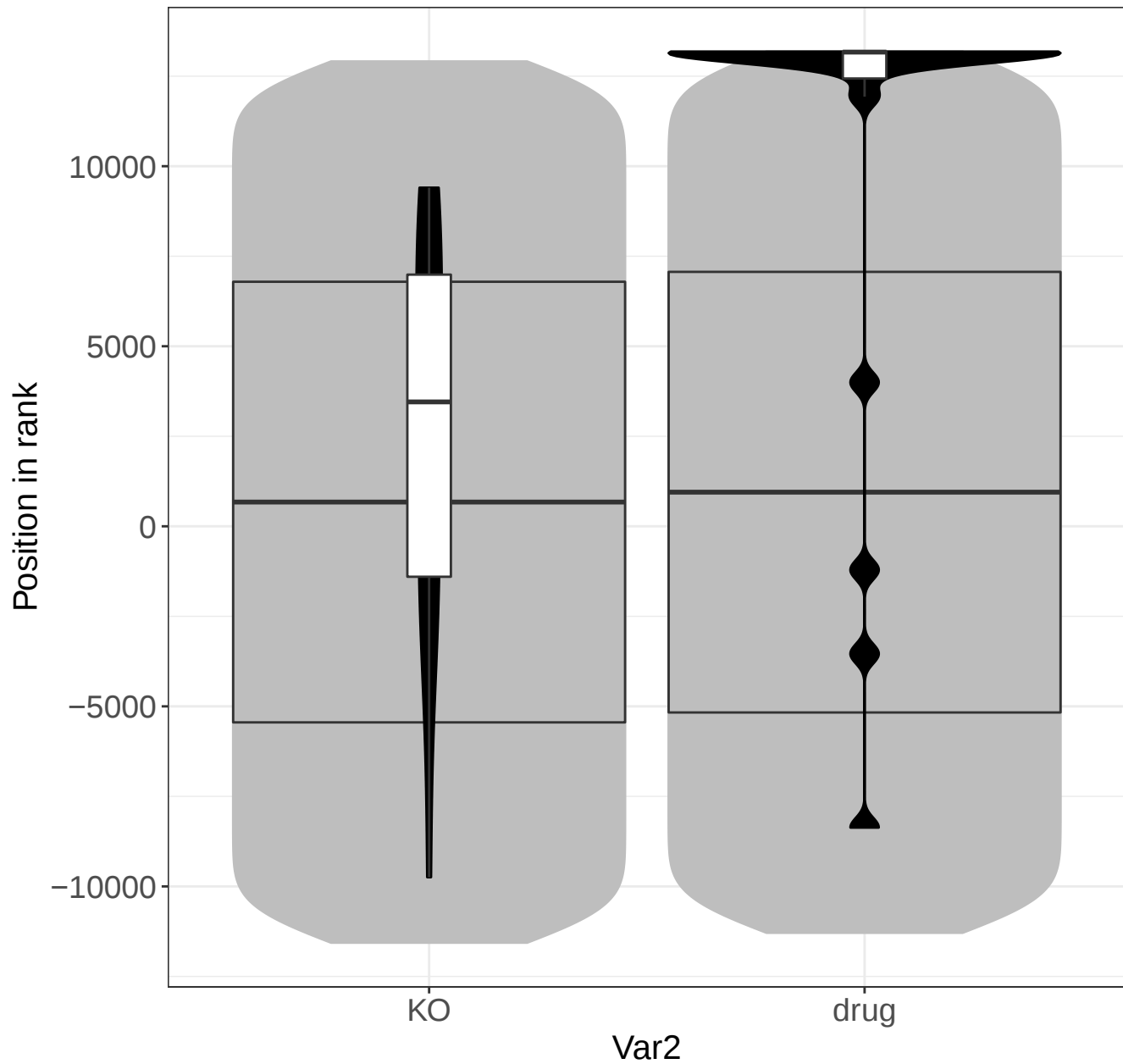
tRNA processing in the mitochondrion



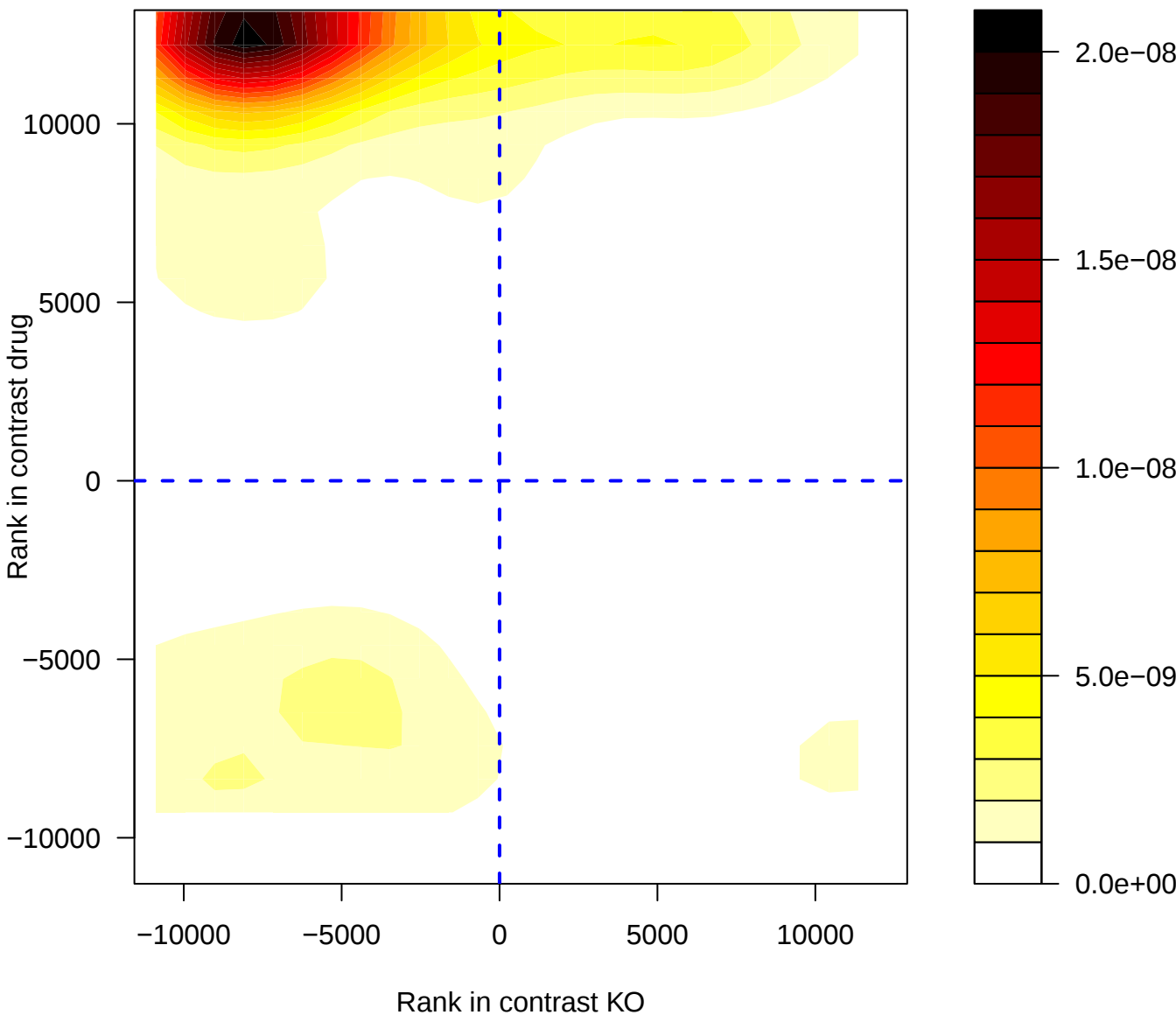
tRNA processing in the mitochondrion



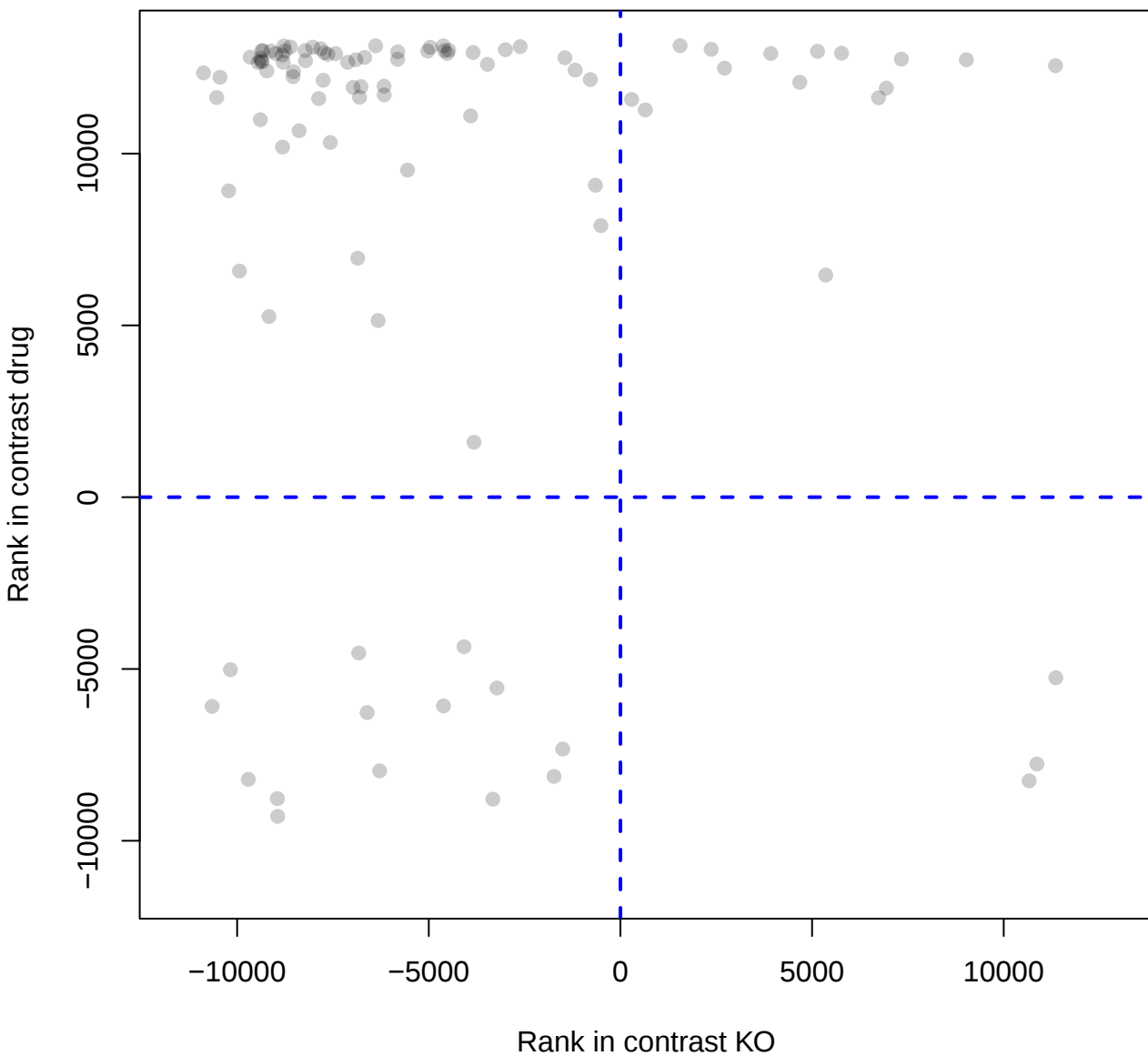
tRNA processing in the mitochondrion



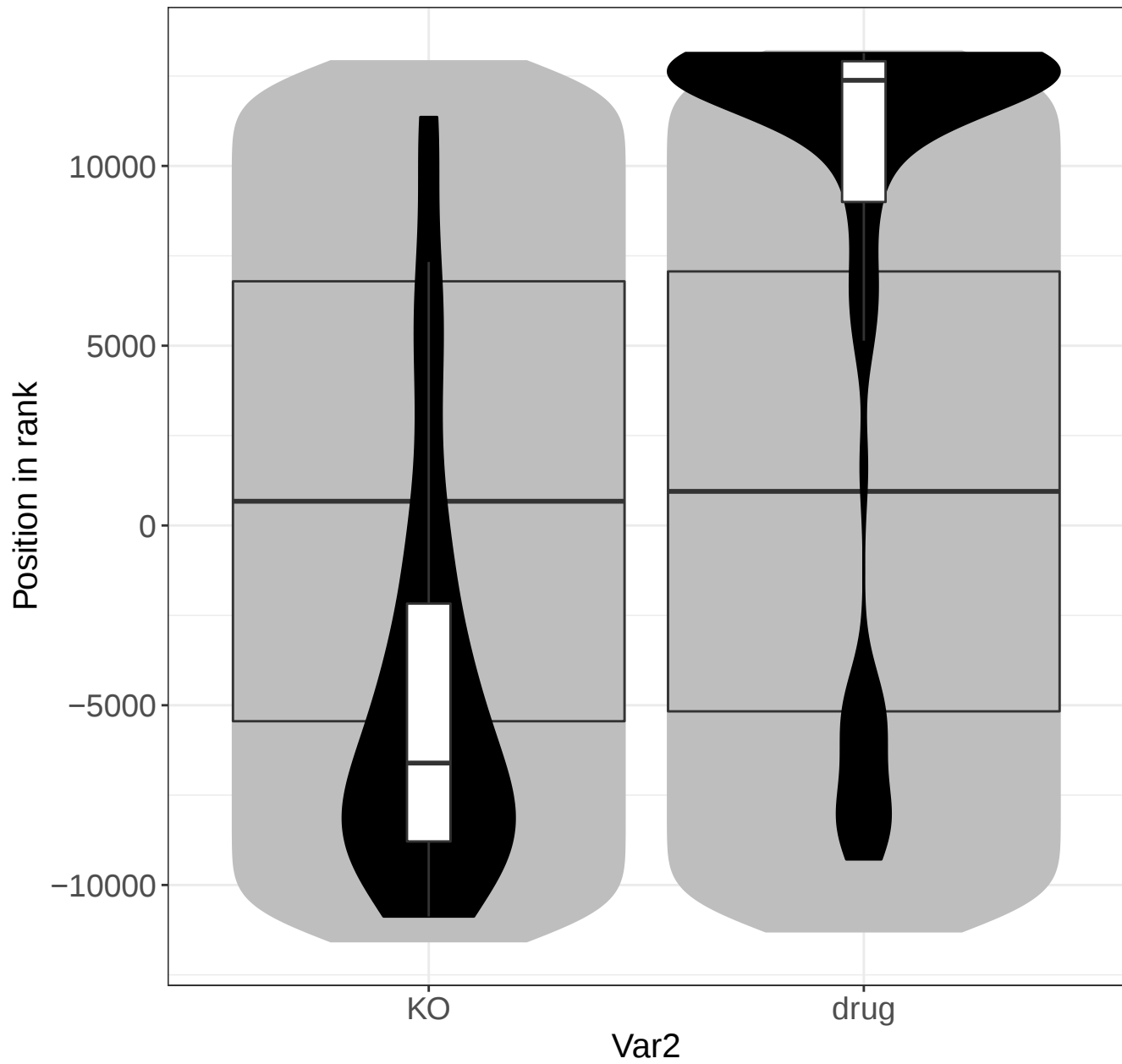
Response of EIF2AK4 (GCN2) to amino acid deficiency



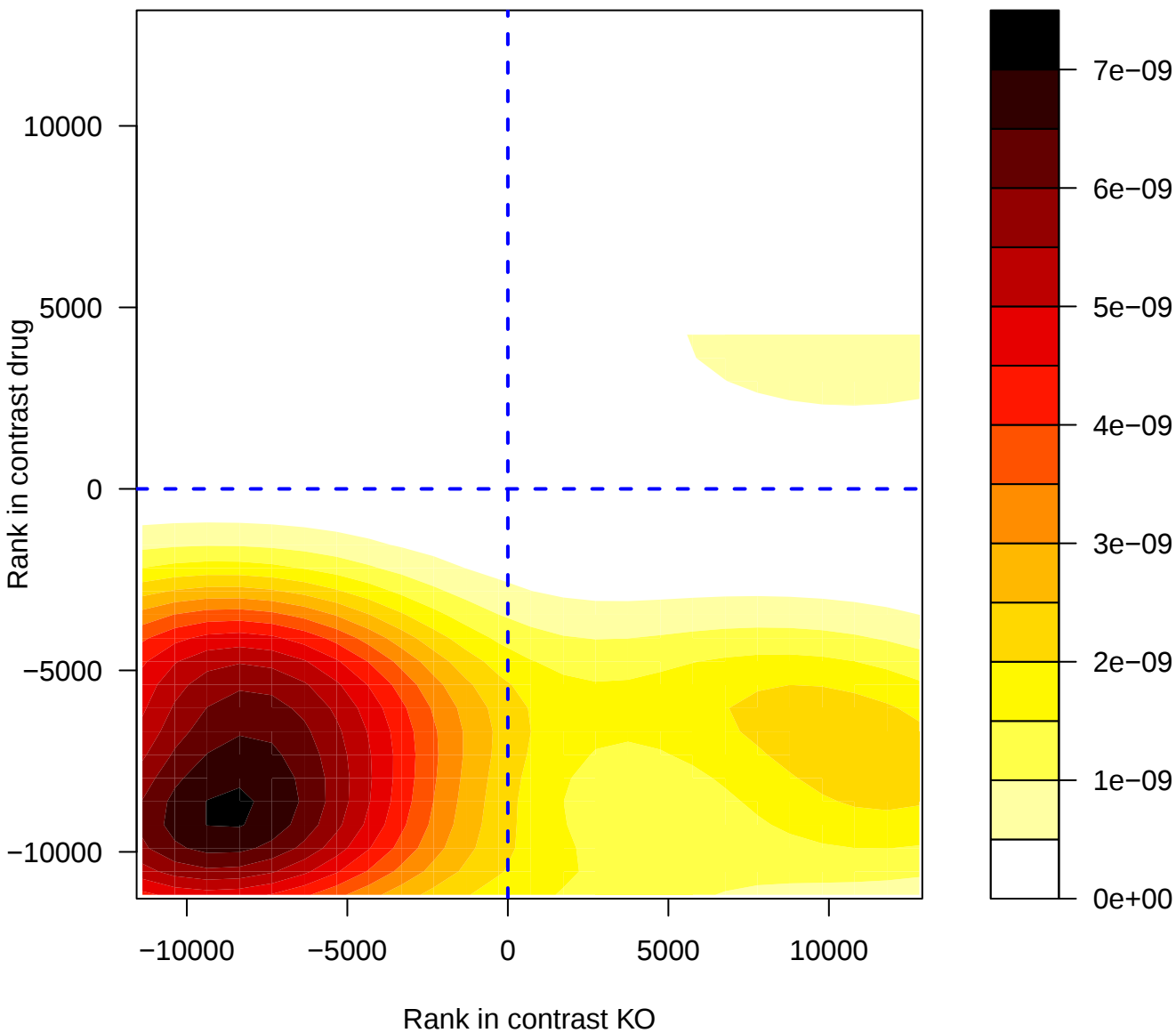
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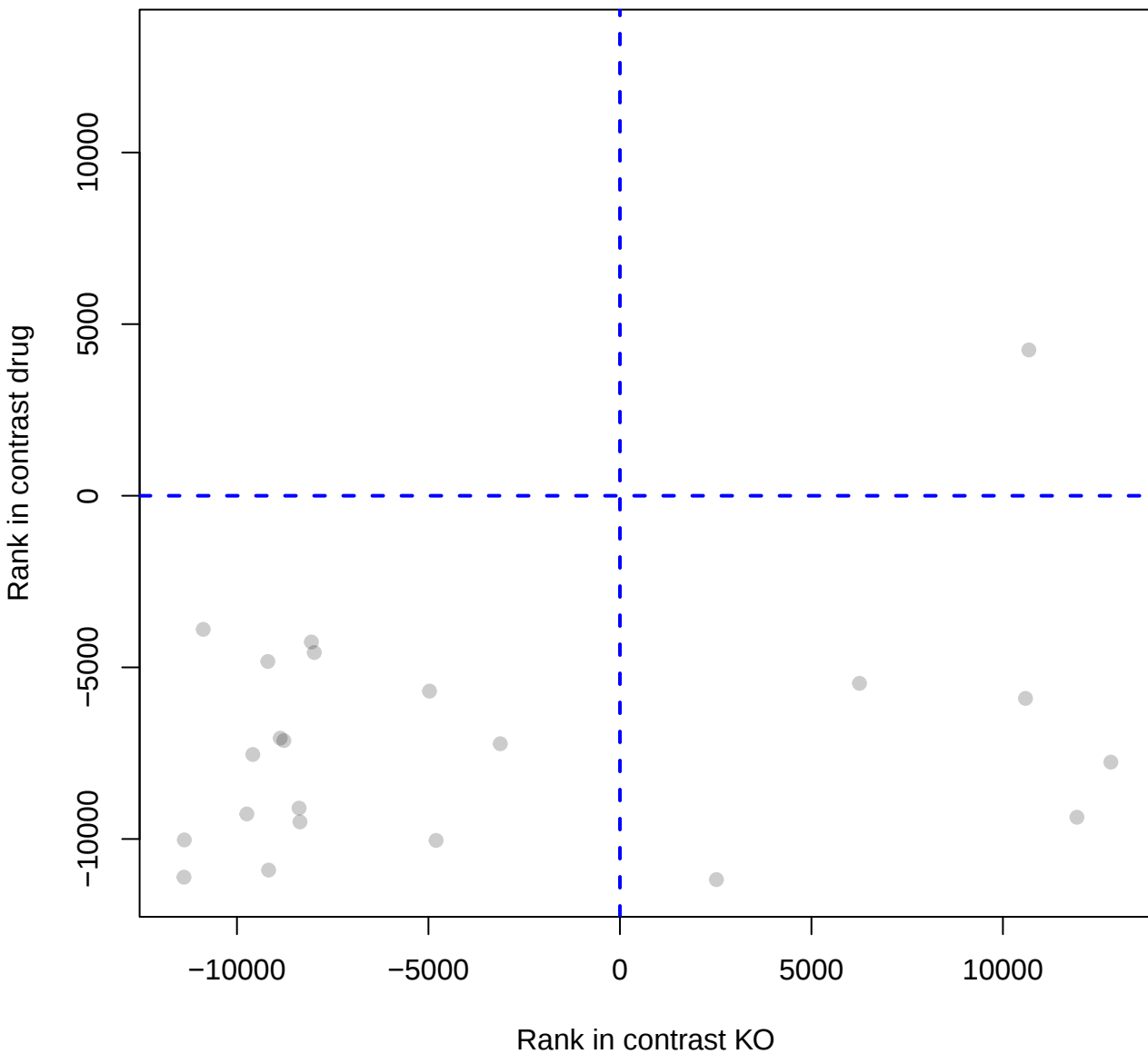
Response of EIF2AK4 (GCN2) to amino acid def



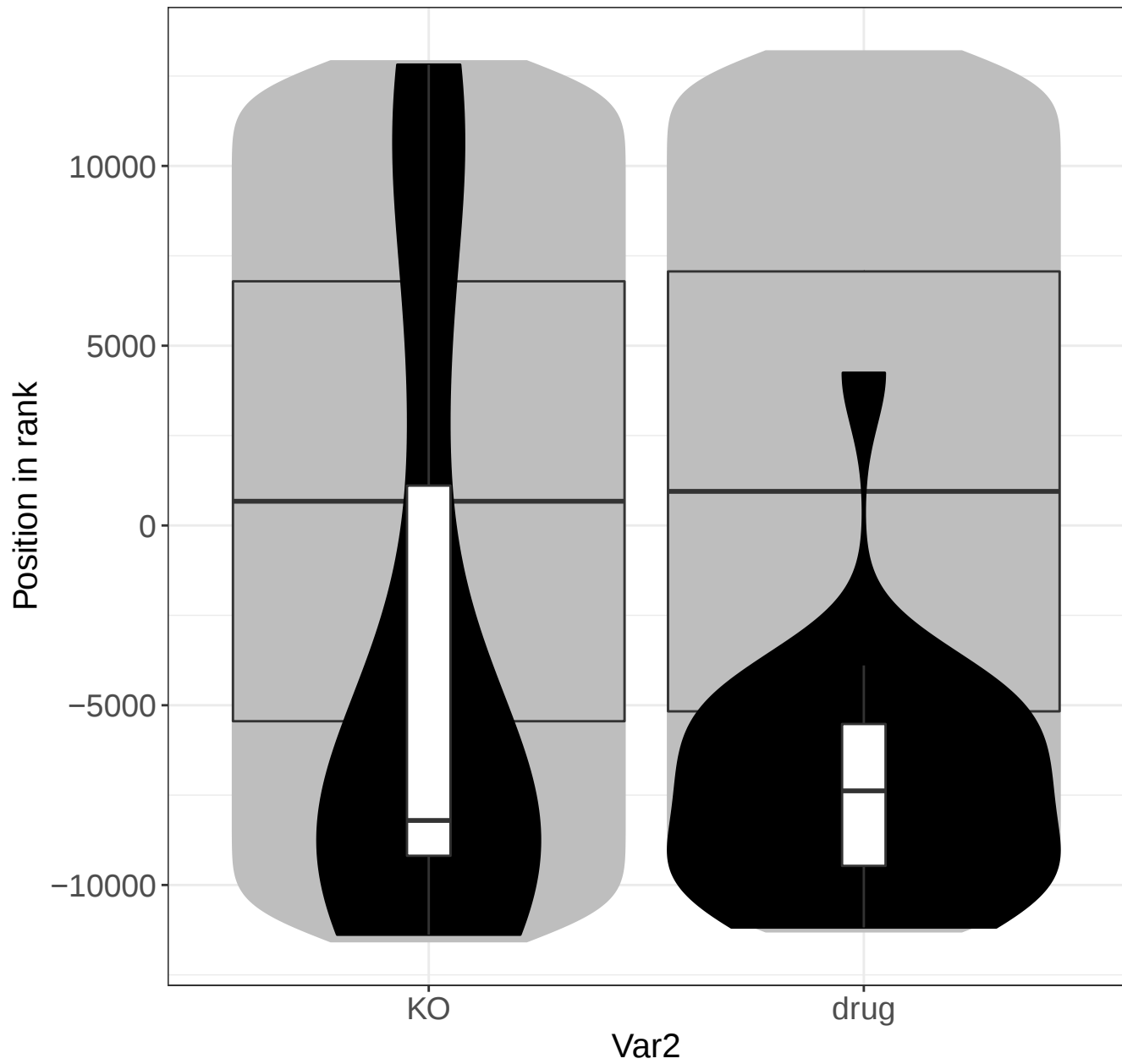
ERK/MAPK targets



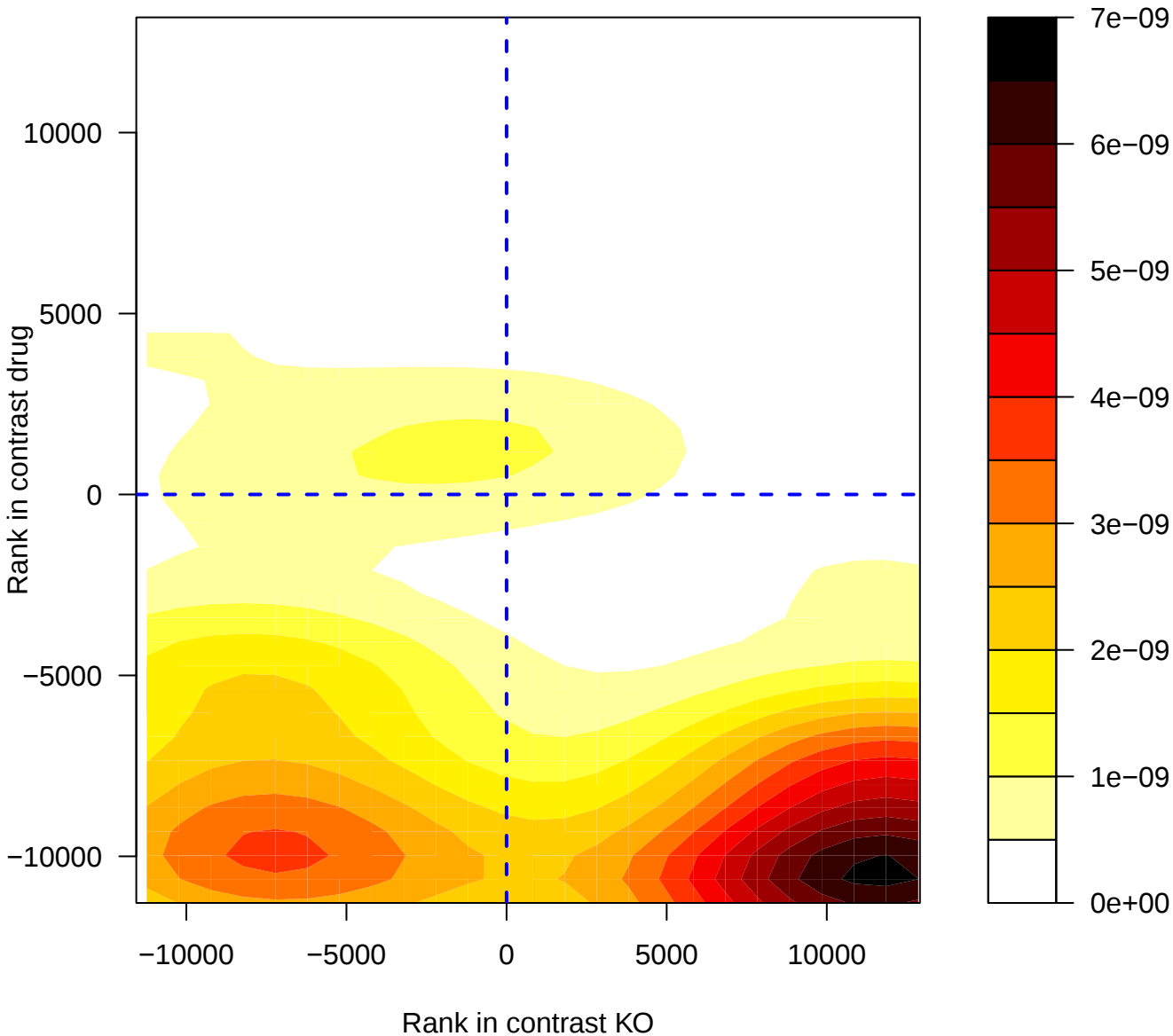
ERK/MAPK targets



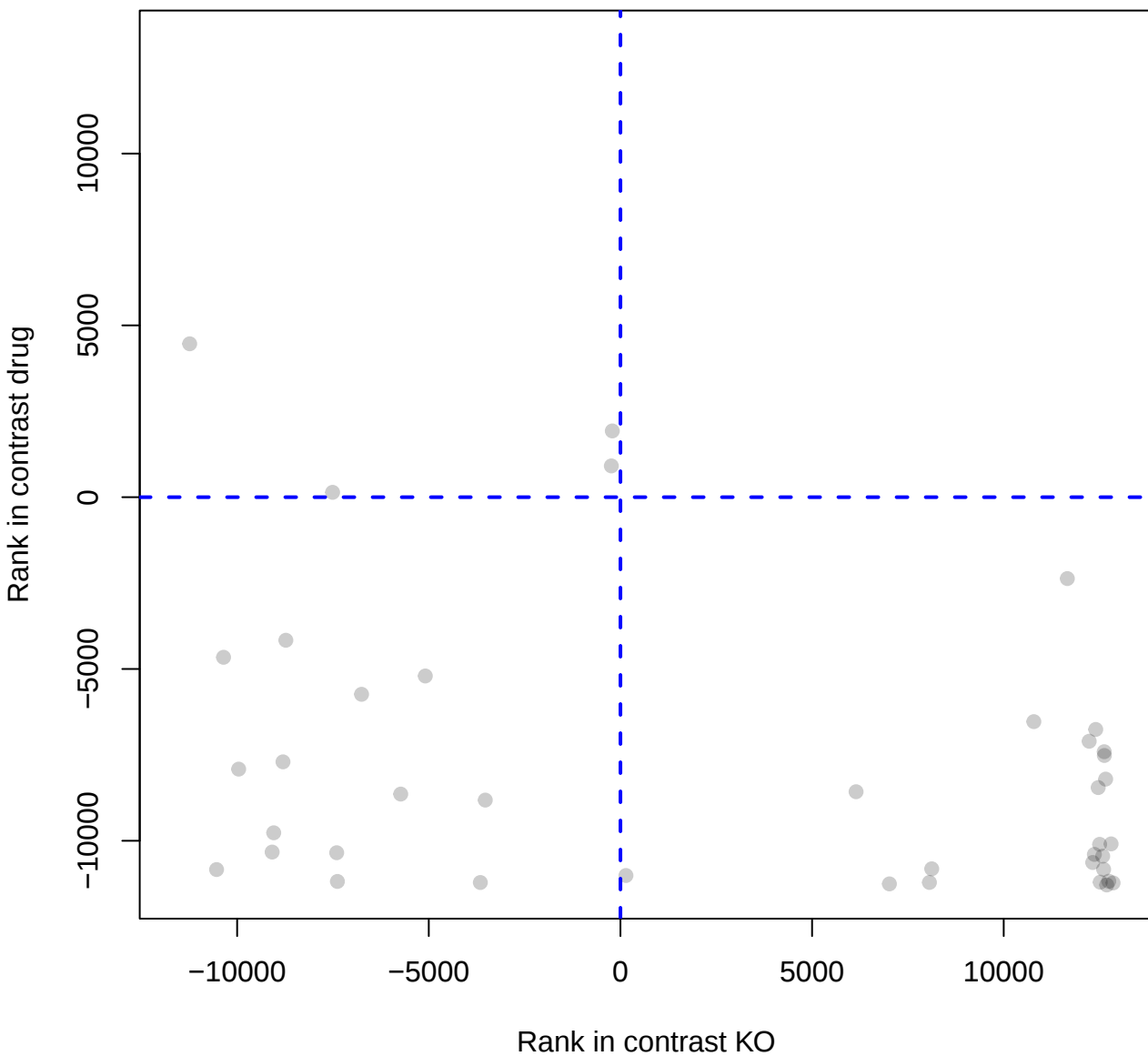
ERK/MAPK targets



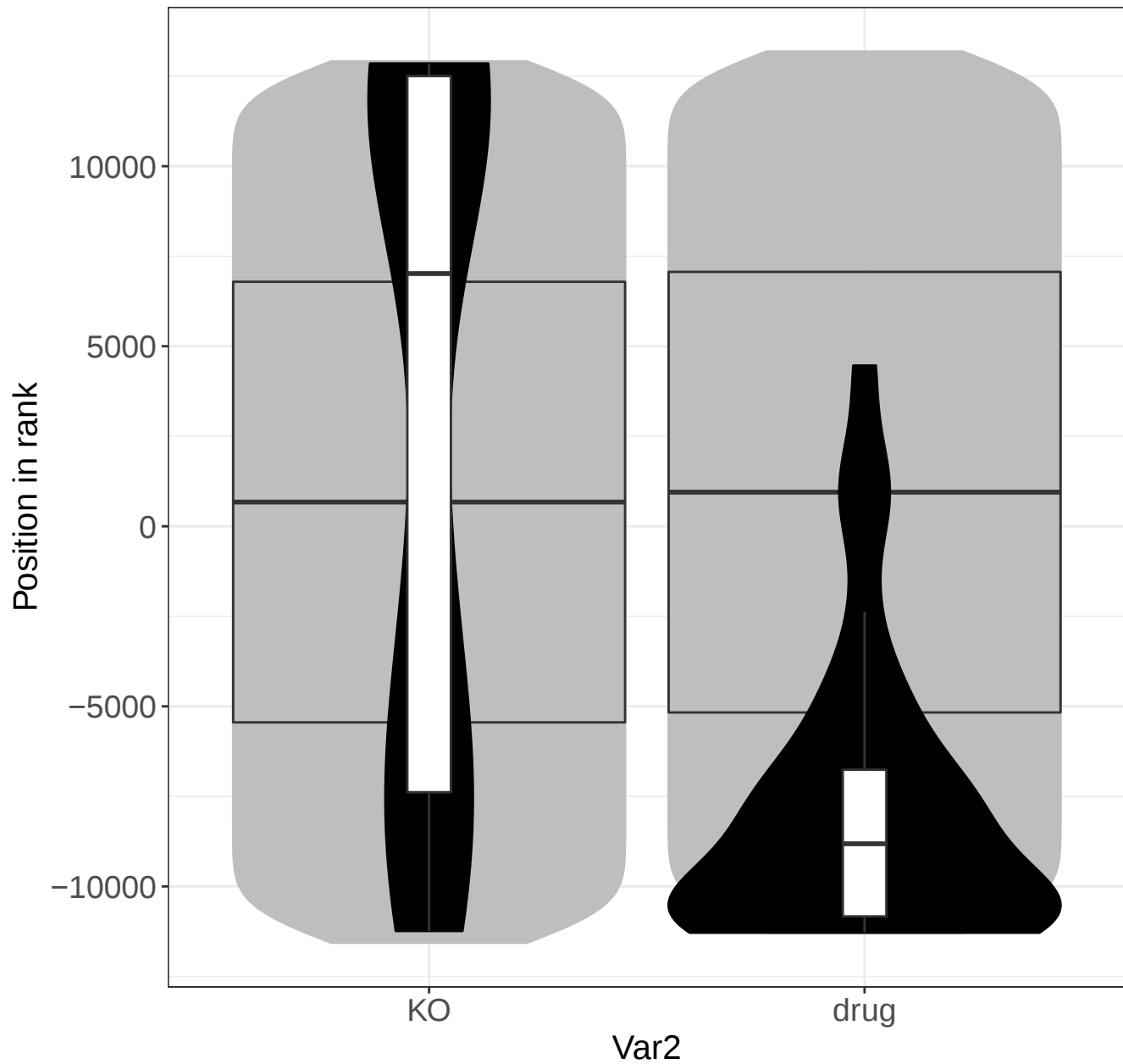
Non-integrin membrane-ECM interactions



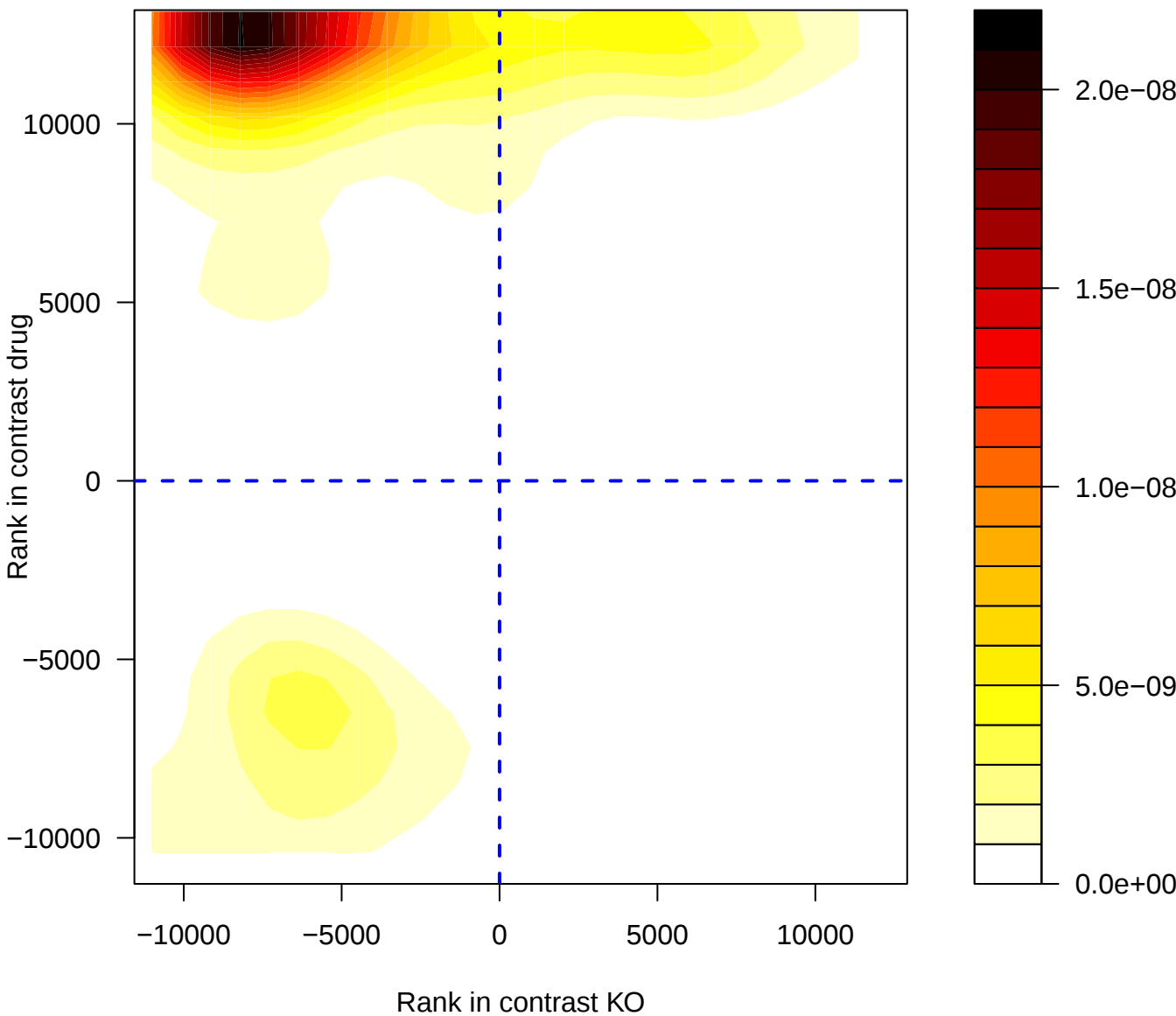
Non-integrin membrane-ECM interactions



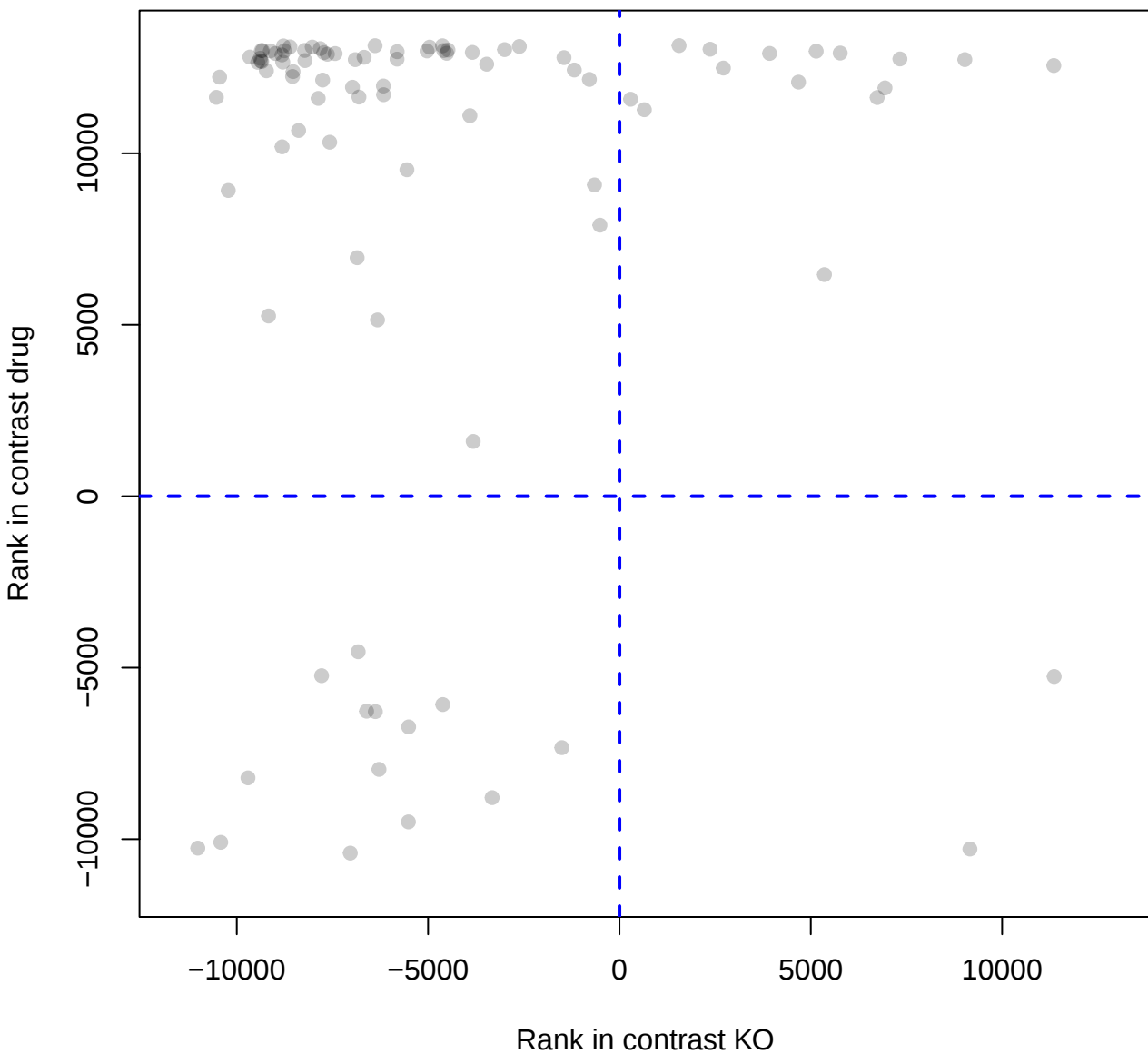
Non-integrin membrane-ECM interactions



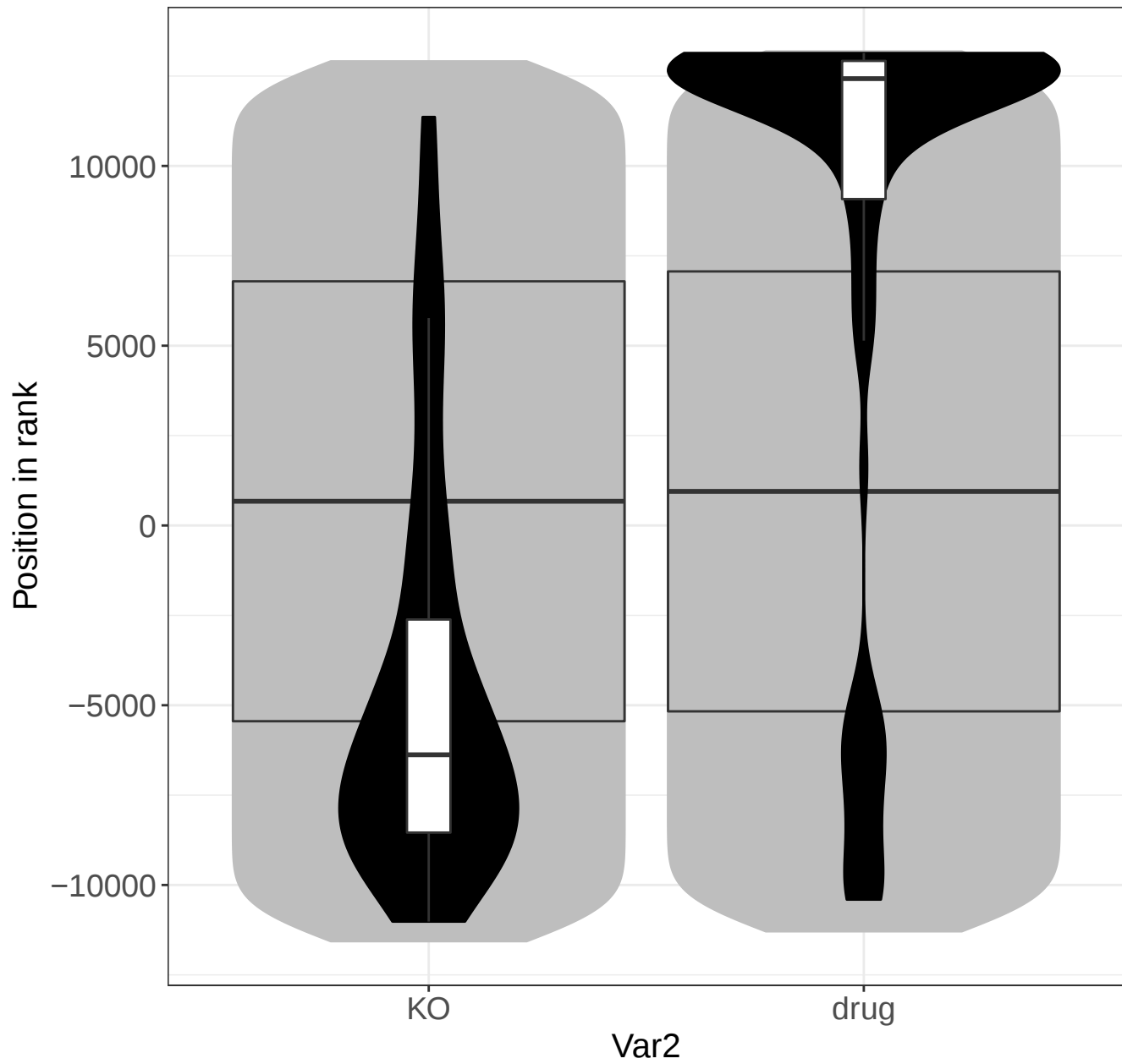
se Mediated Decay (NMD) independent of the Exon Junction (



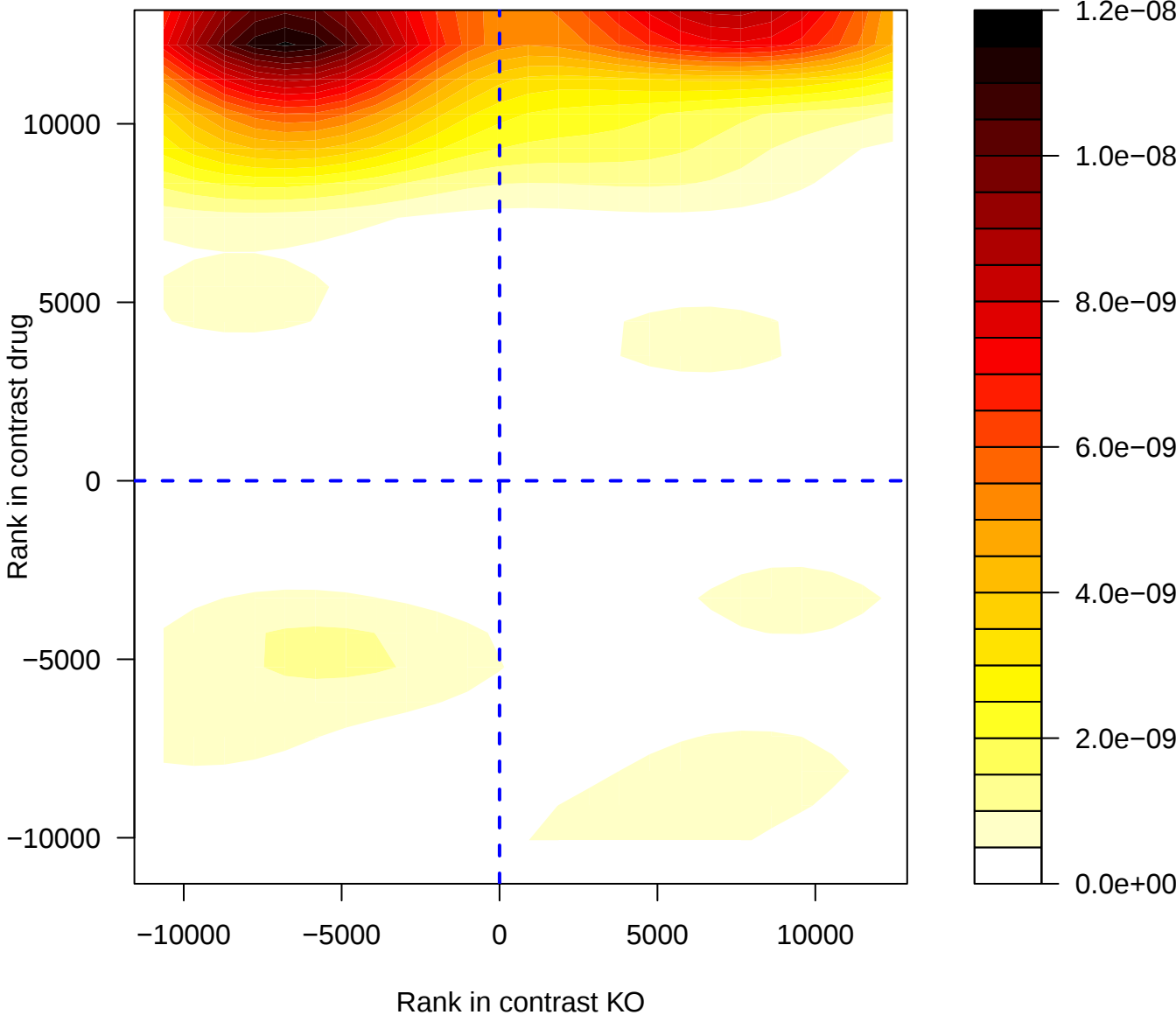
Sense Mediated Decay (NMD) independent of the Exon Junction Complex



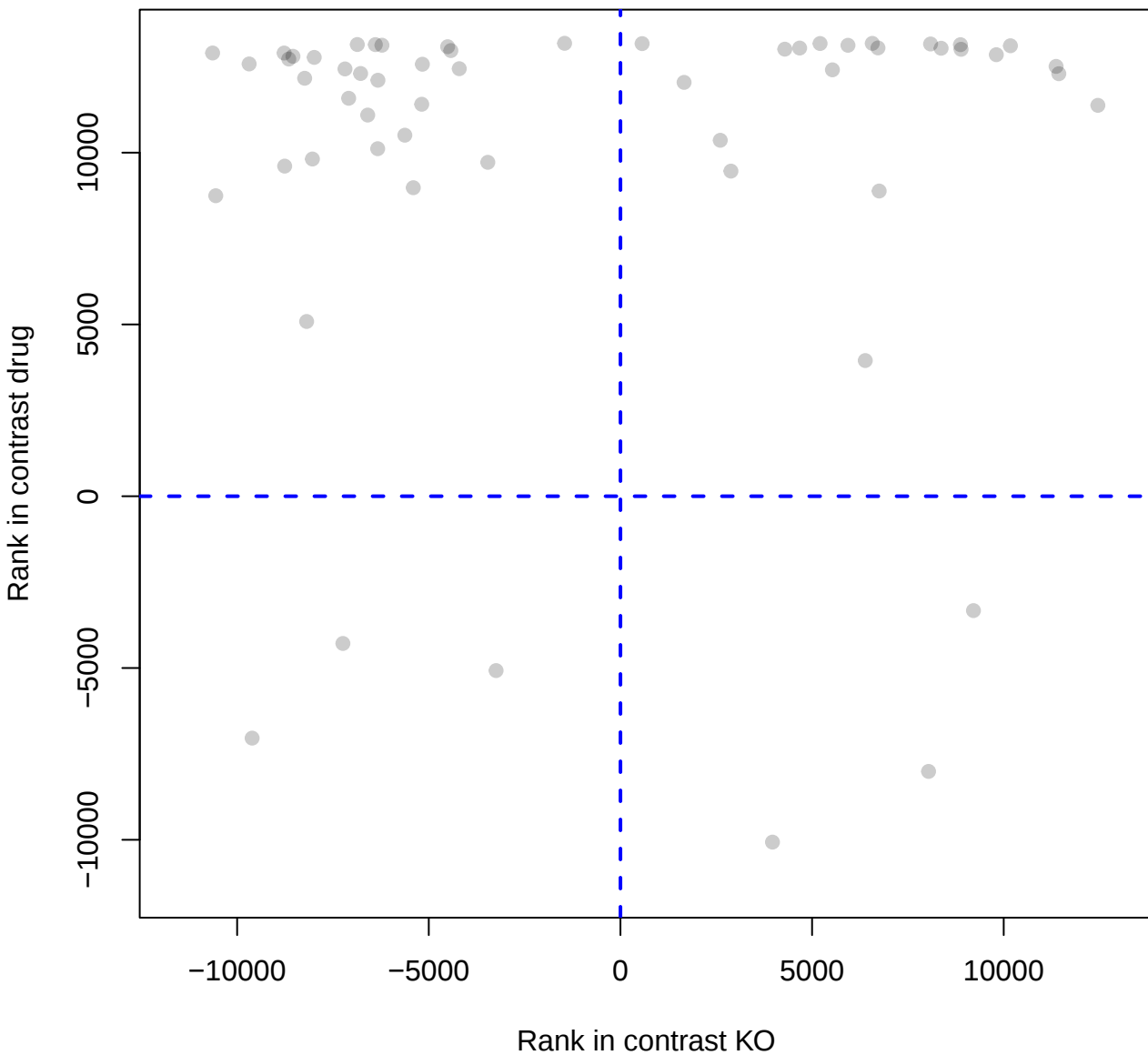
Nonsense Mediated Decay (NMD) independent of



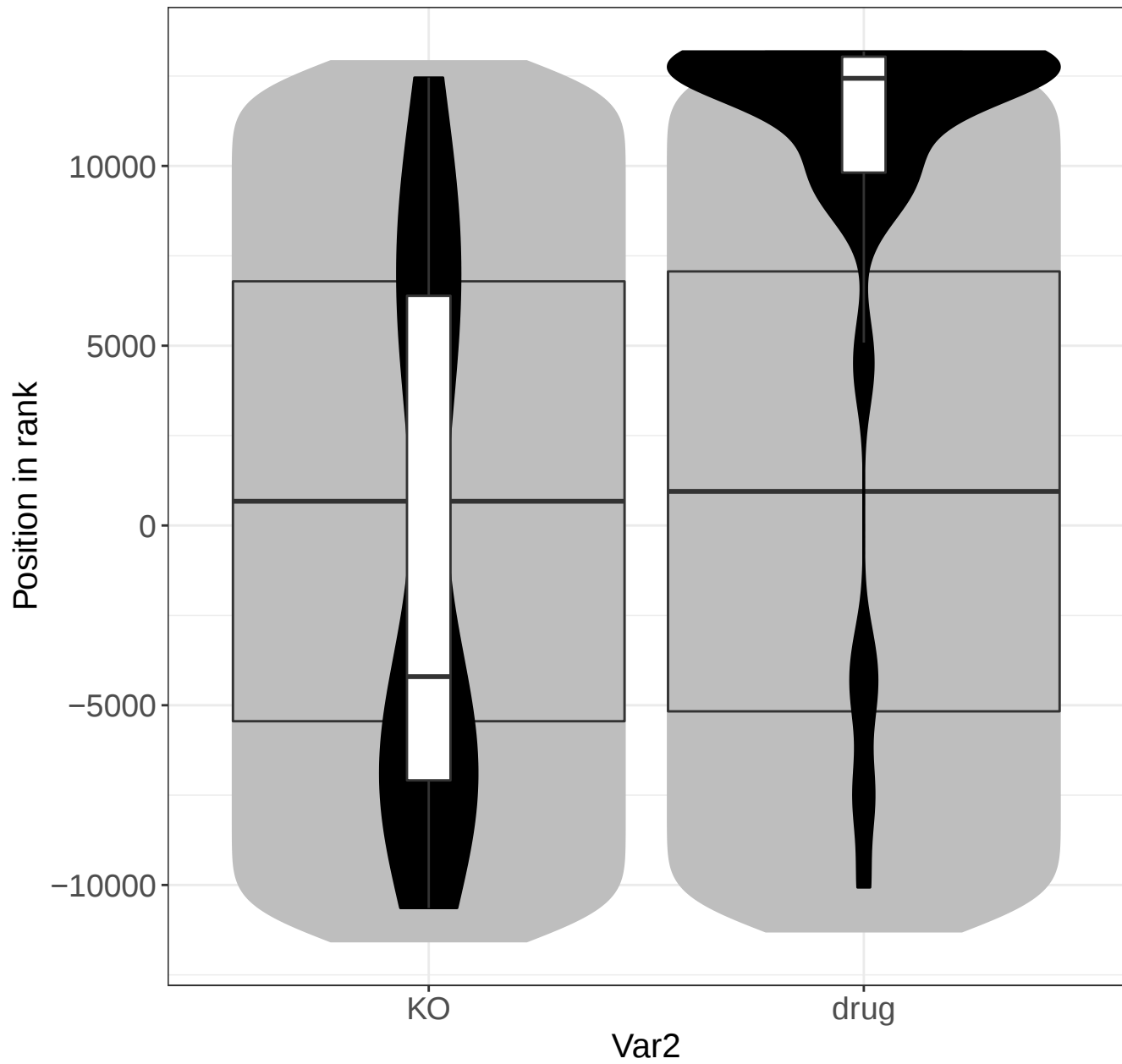
Complex I biogenesis



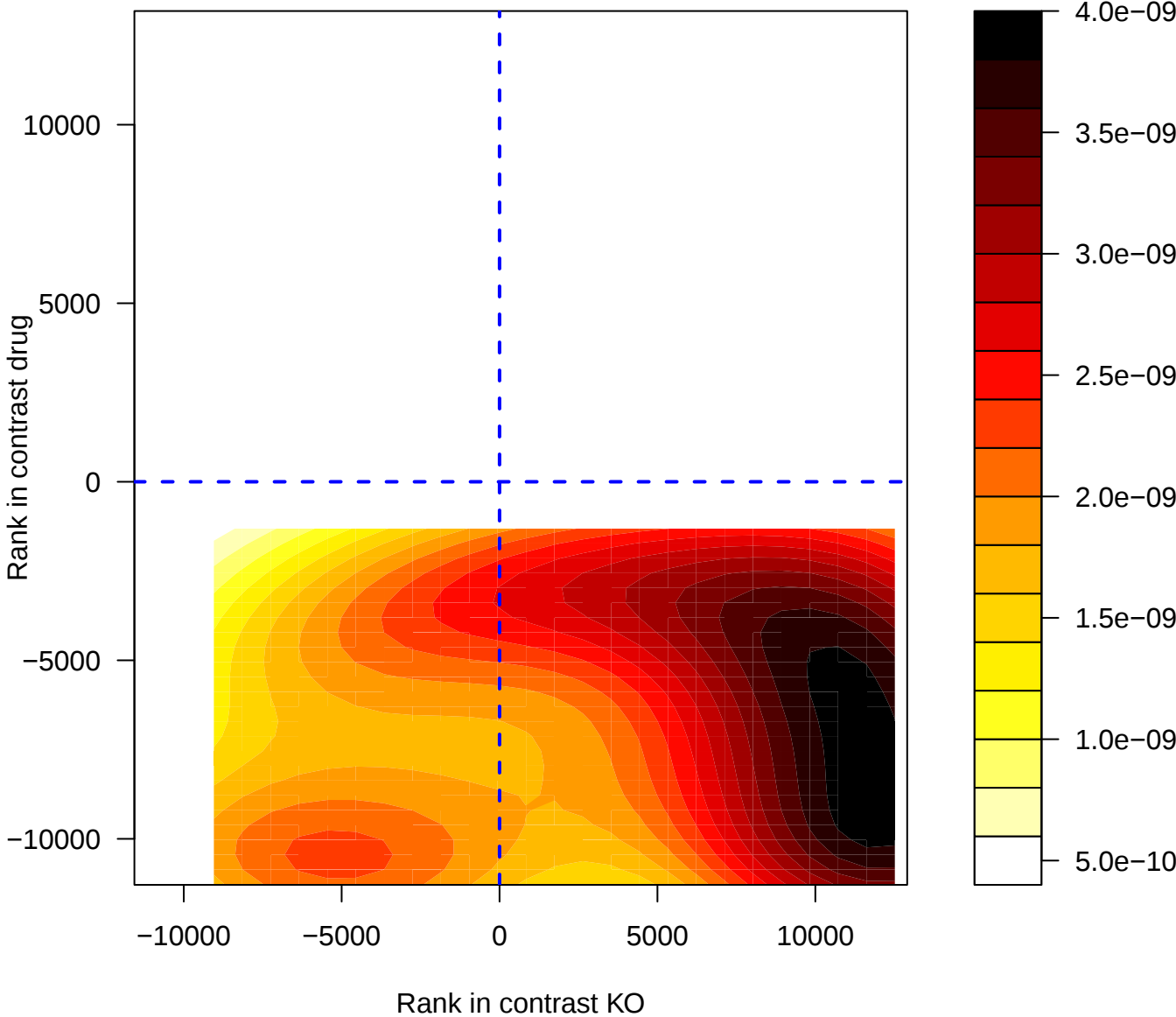
Complex I biogenesis



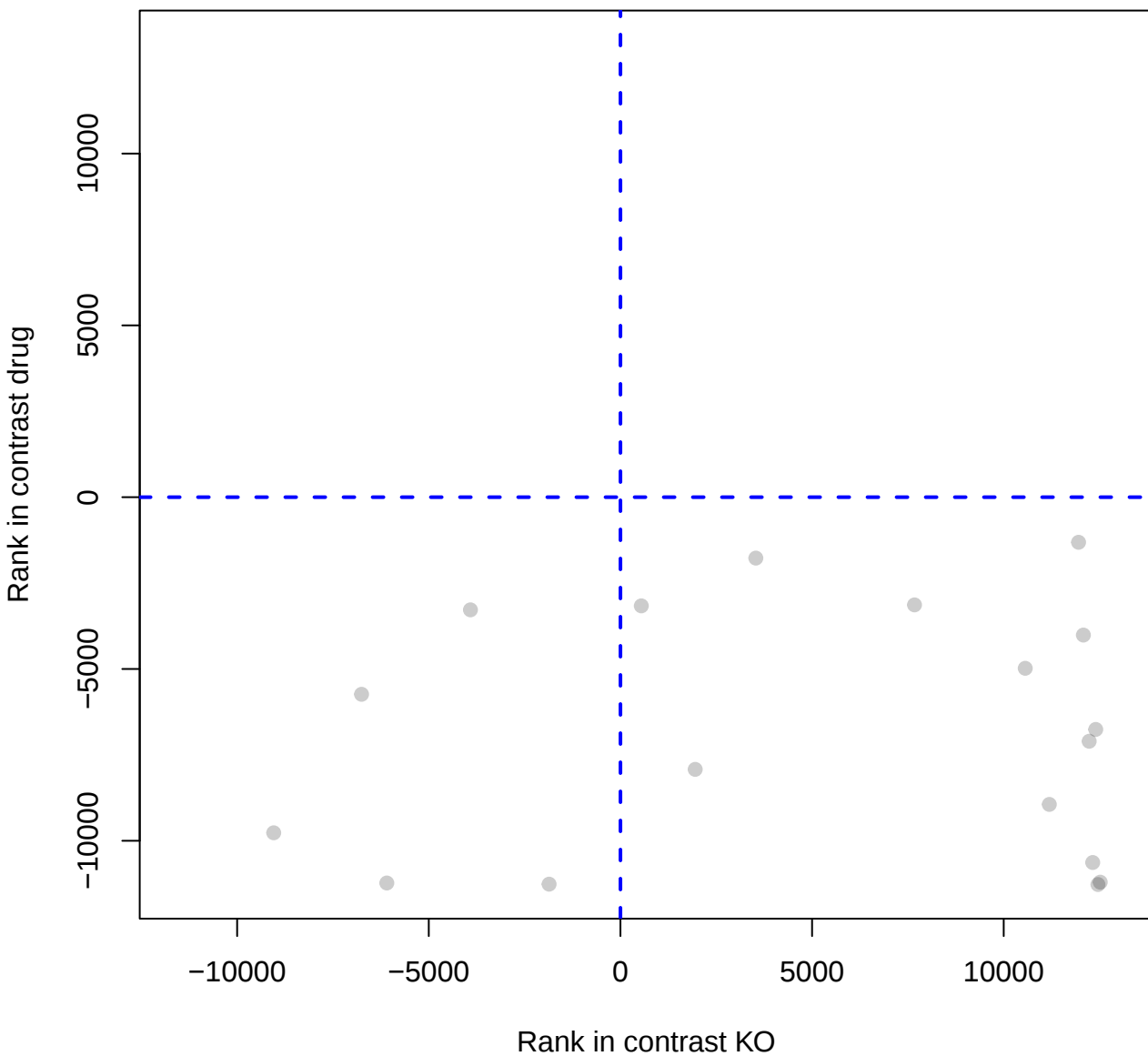
Complex I biogenesis



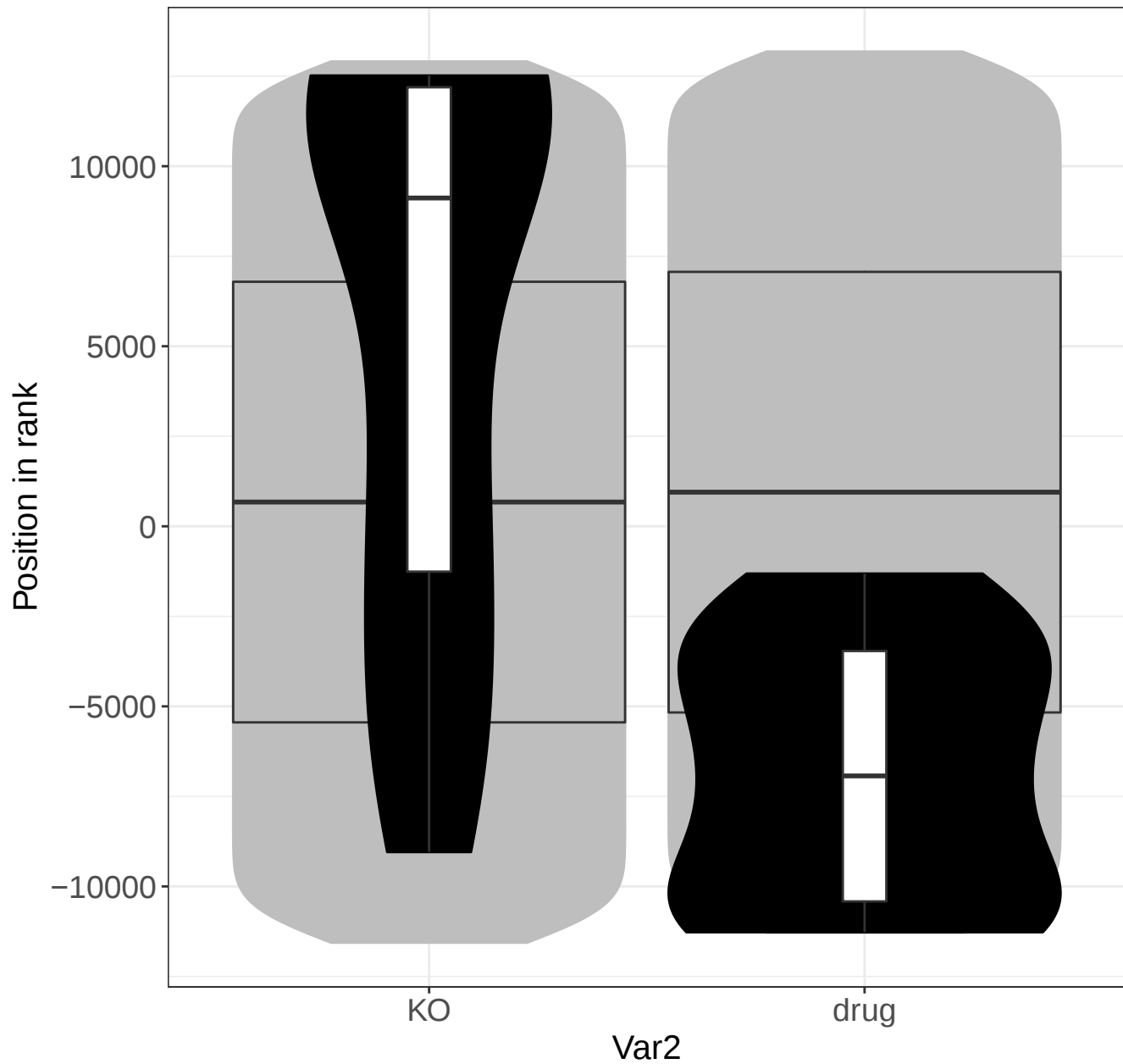
Defective B4GALT7 causes EDS, progeroid type



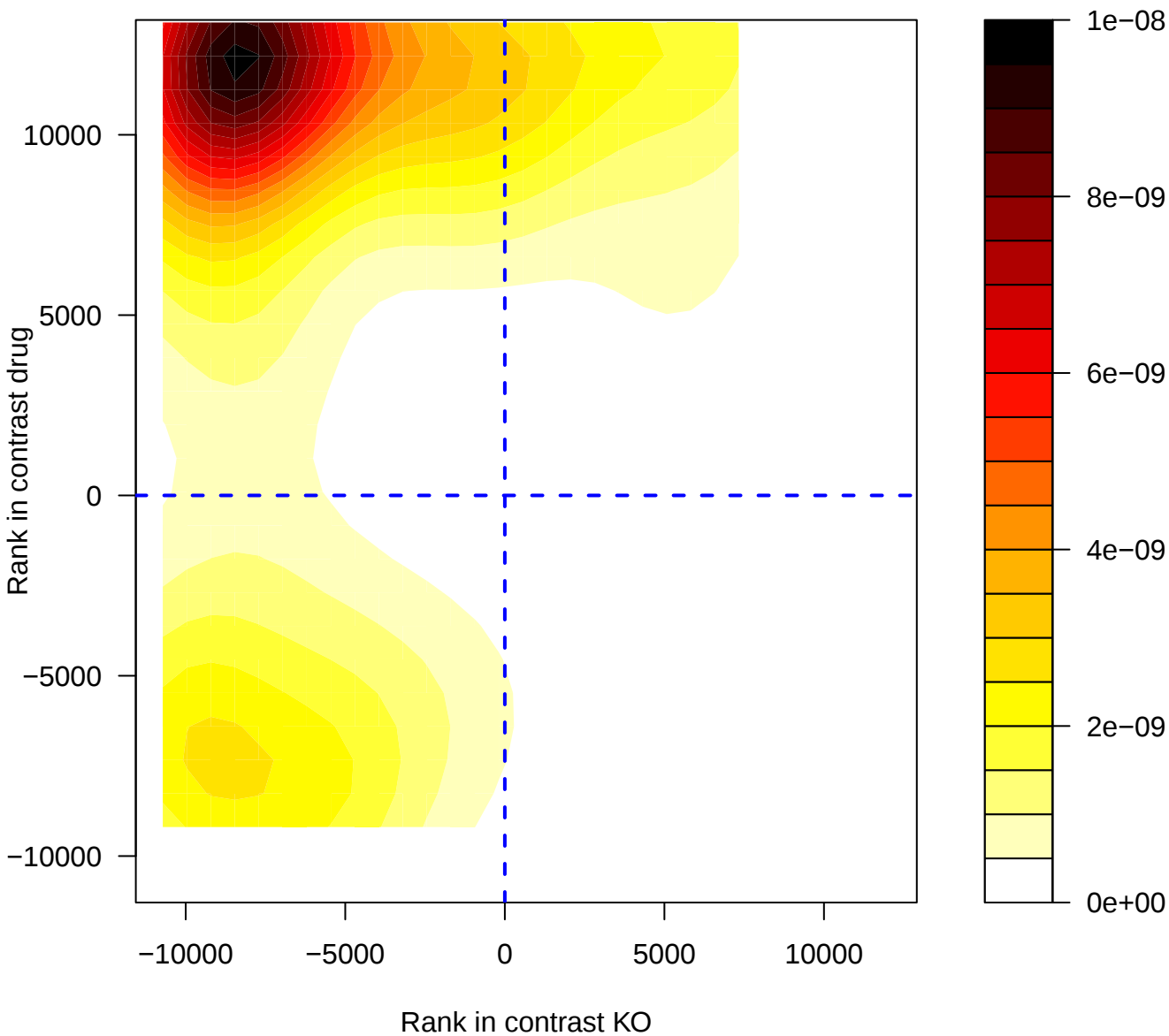
Defective B4GALT7 causes EDS, progeroid type



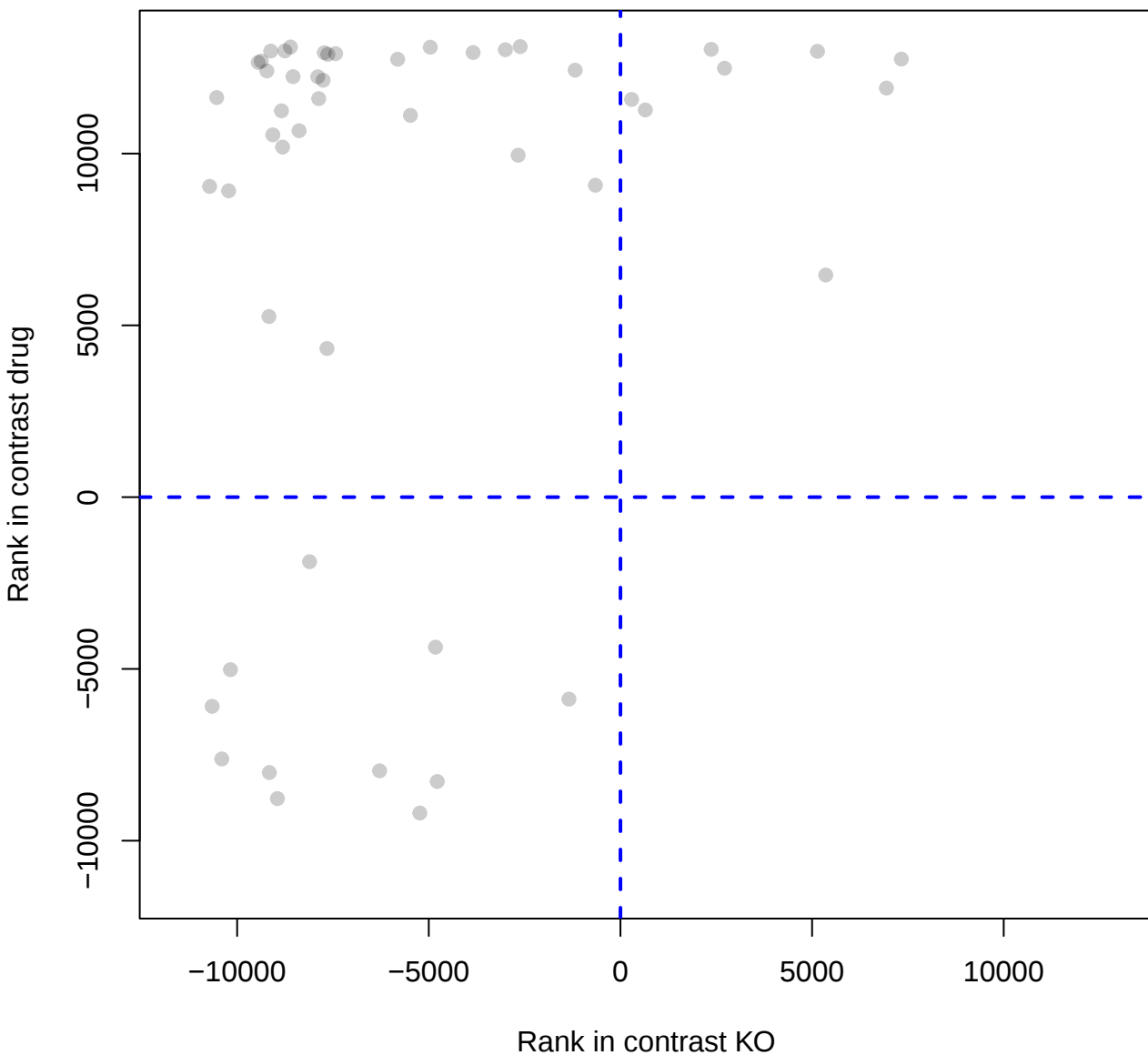
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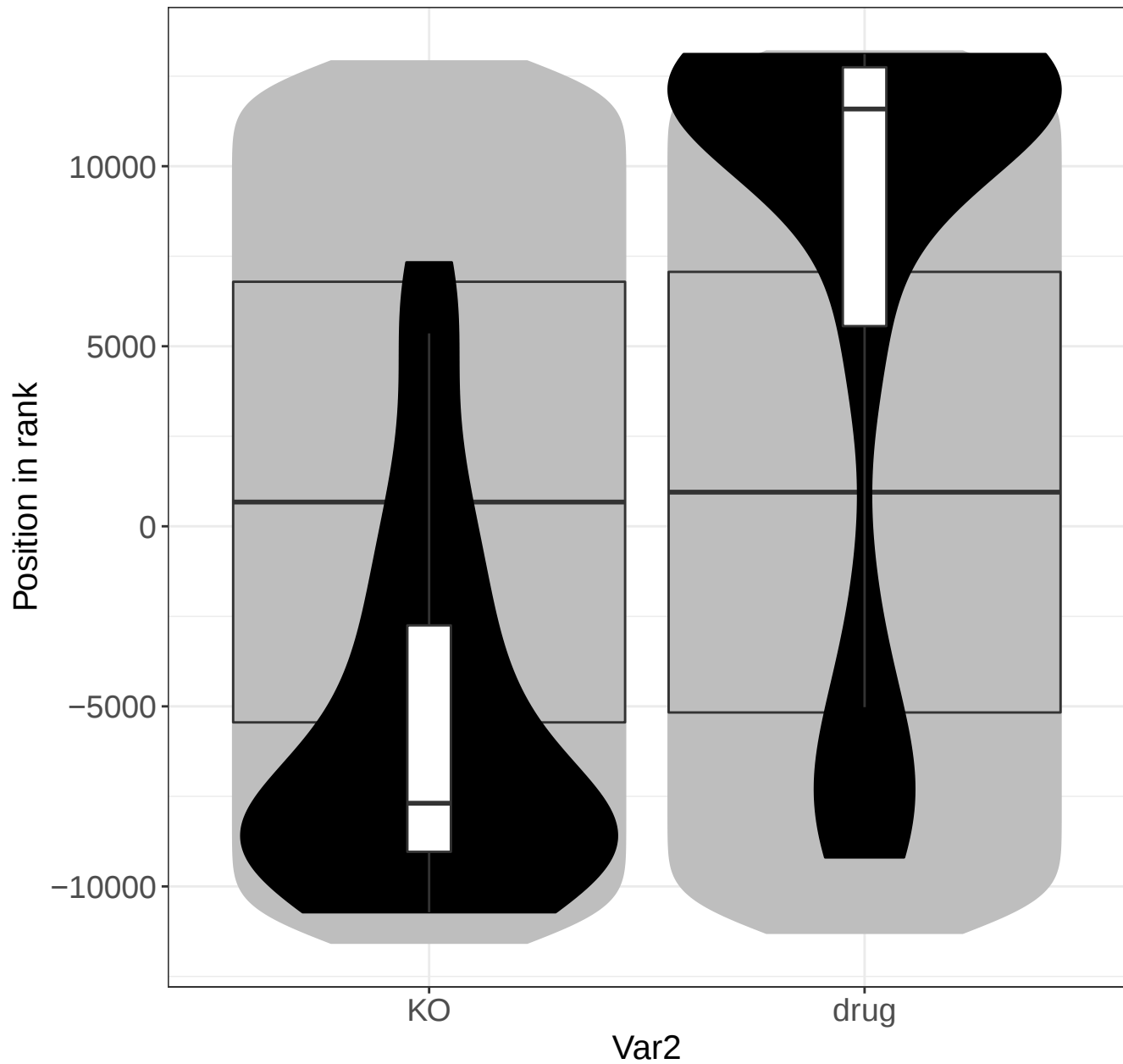
ormation of the ternary complex, and subsequently, the 43S c



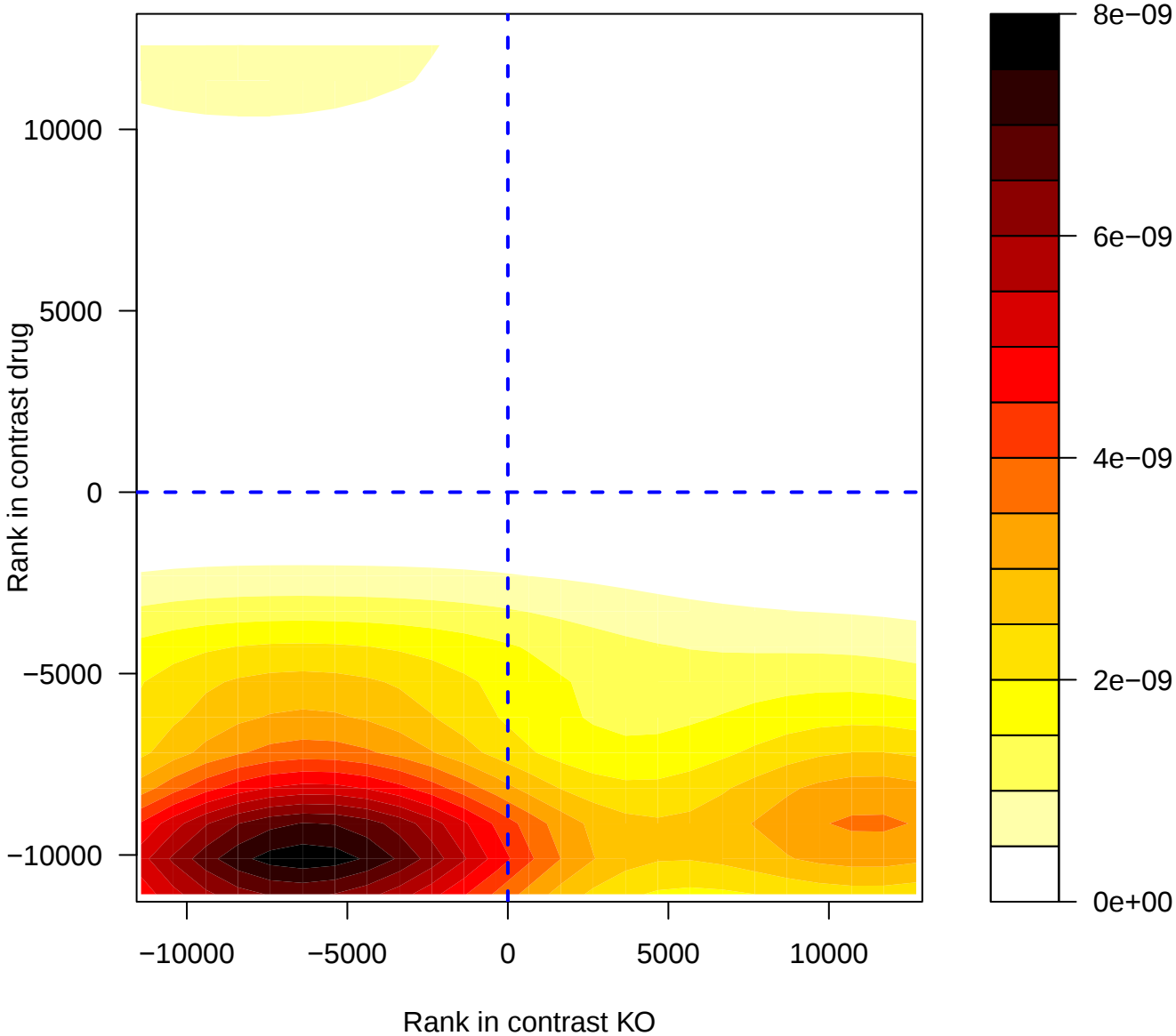
Formation of the ternary complex, and subsequently, the 43S complex



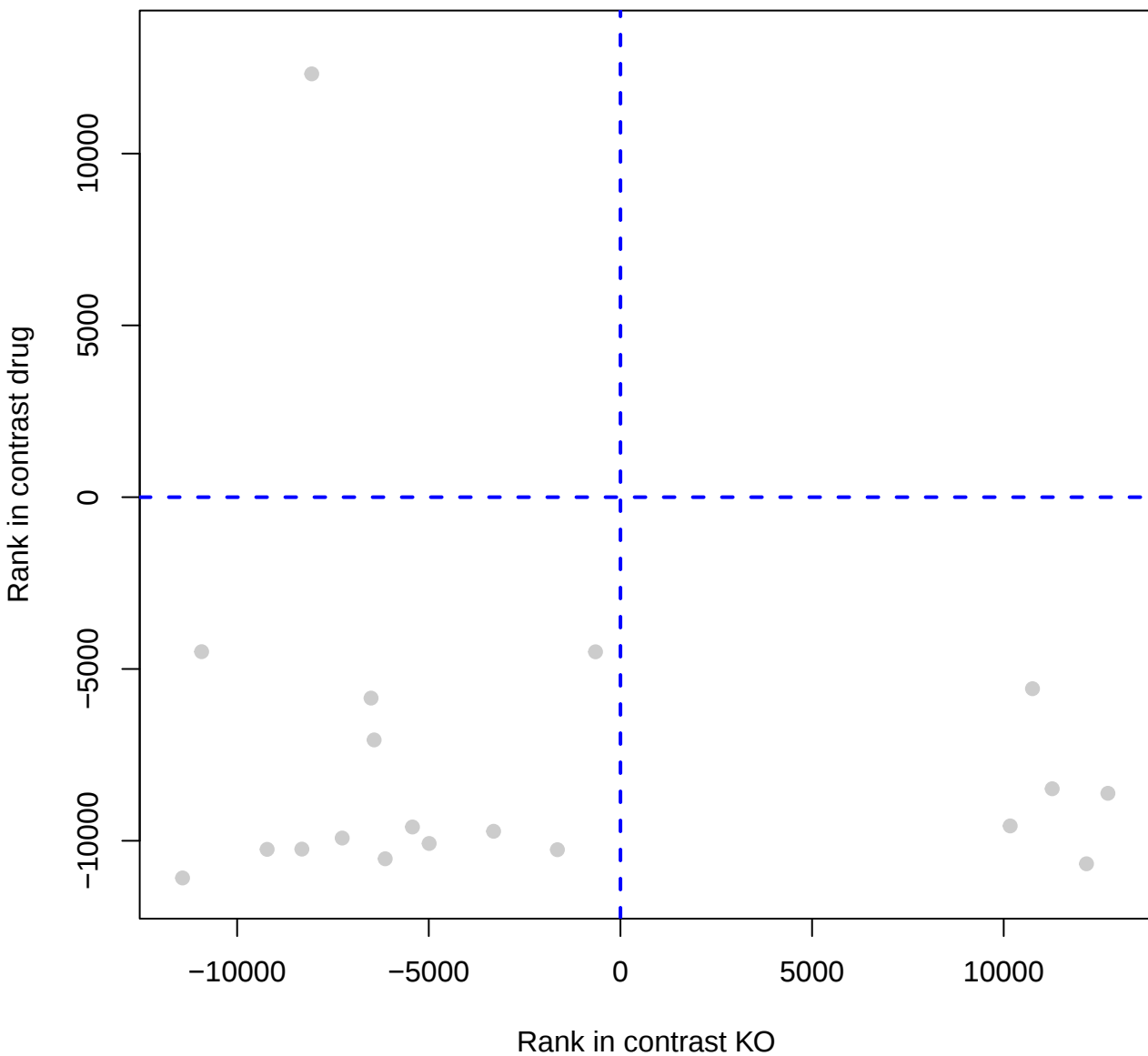
Formation of the ternary complex, and subsequent



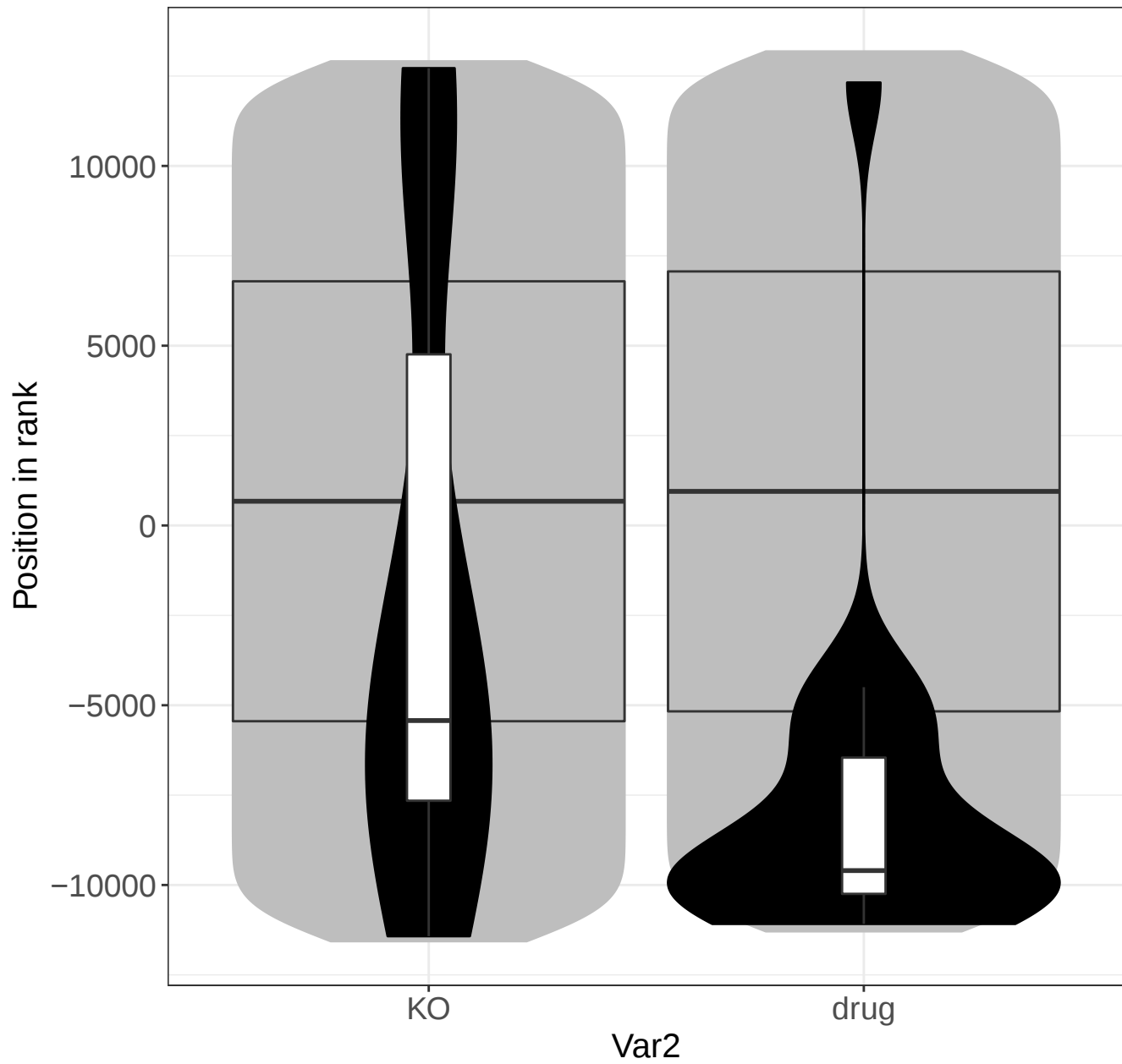
Signaling by PDGFR in disease



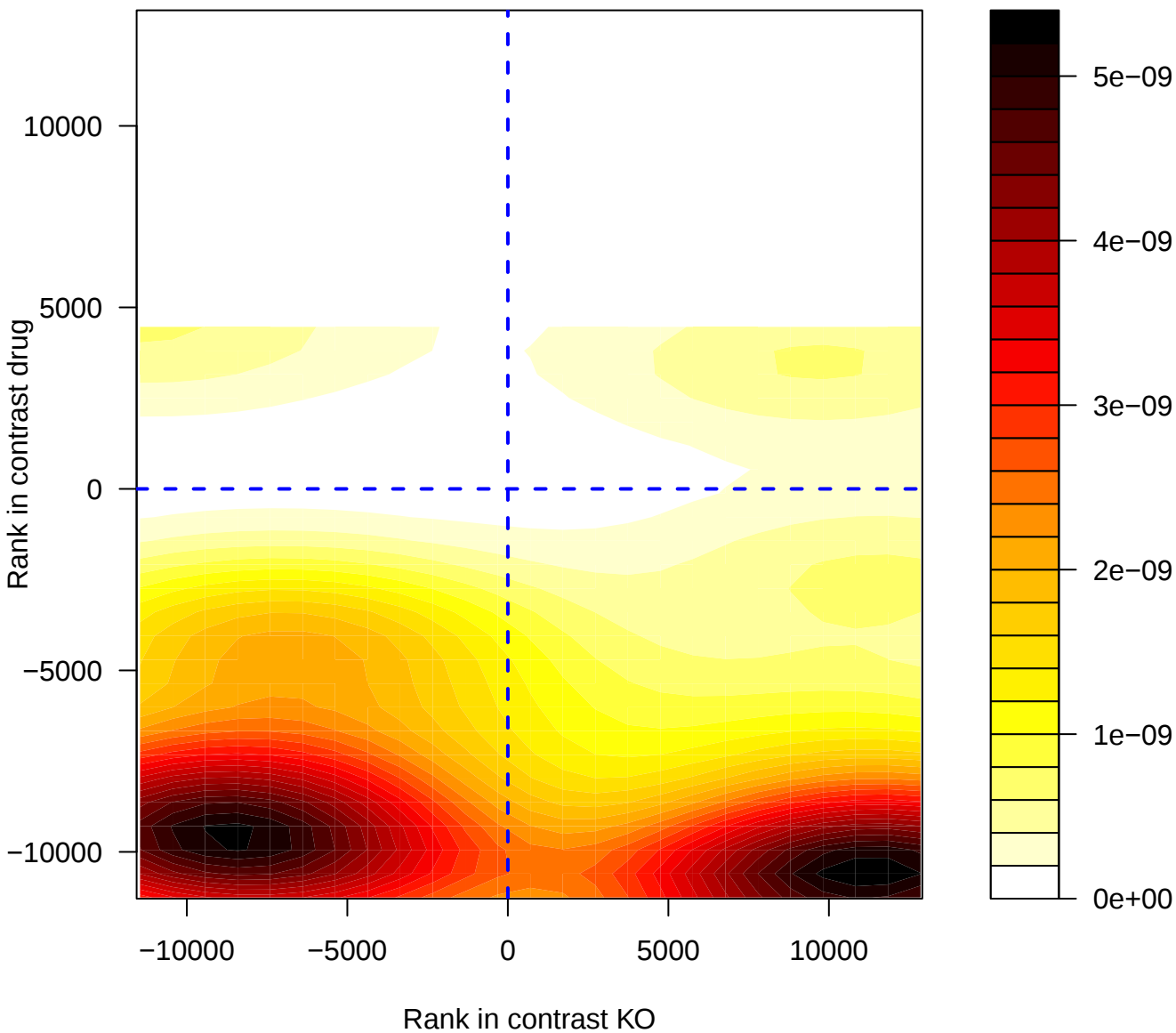
Signaling by PDGFR in disease



Signaling by PDGFR in disease



MET promotes cell motility



MET promotes cell motility

