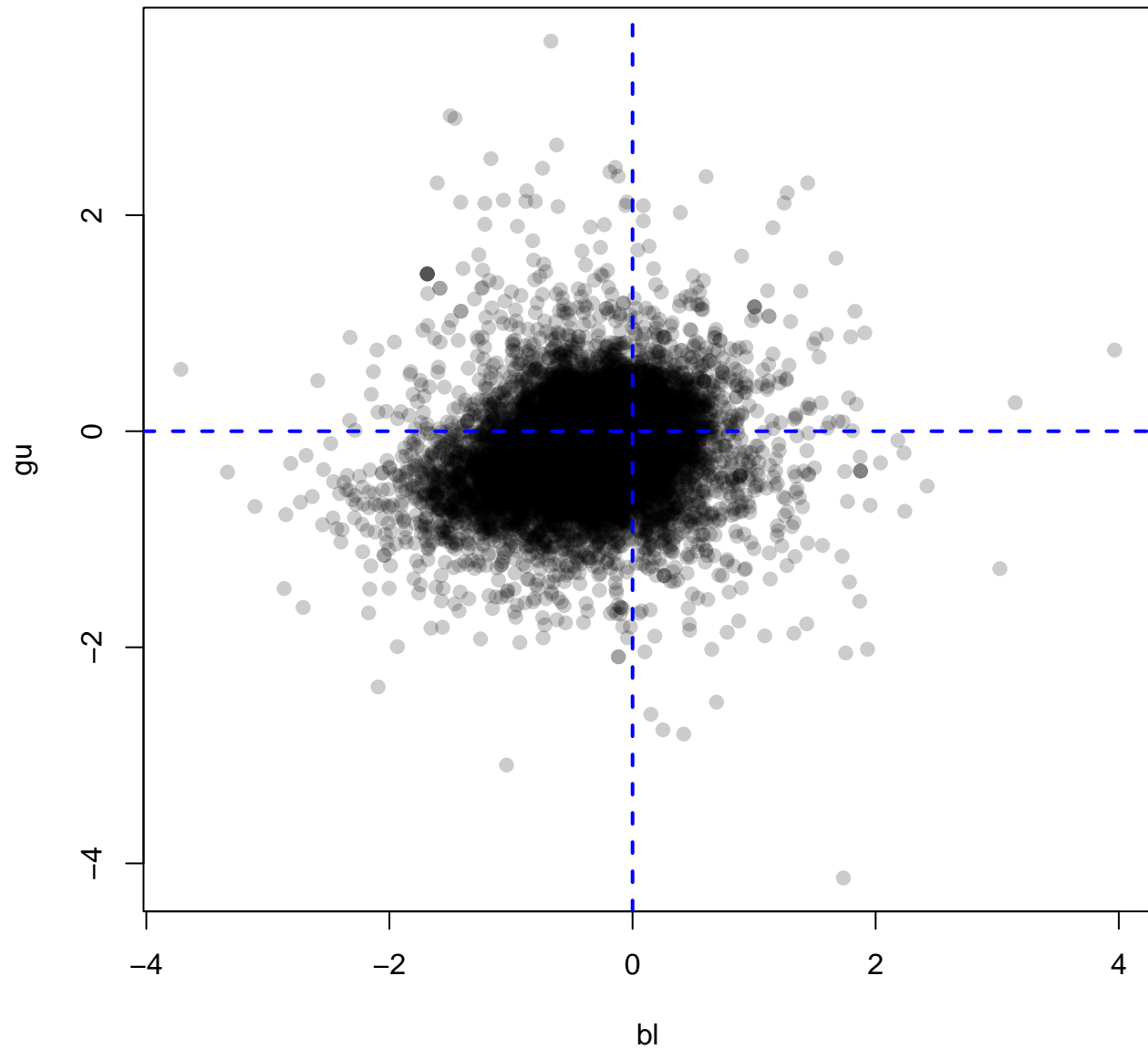
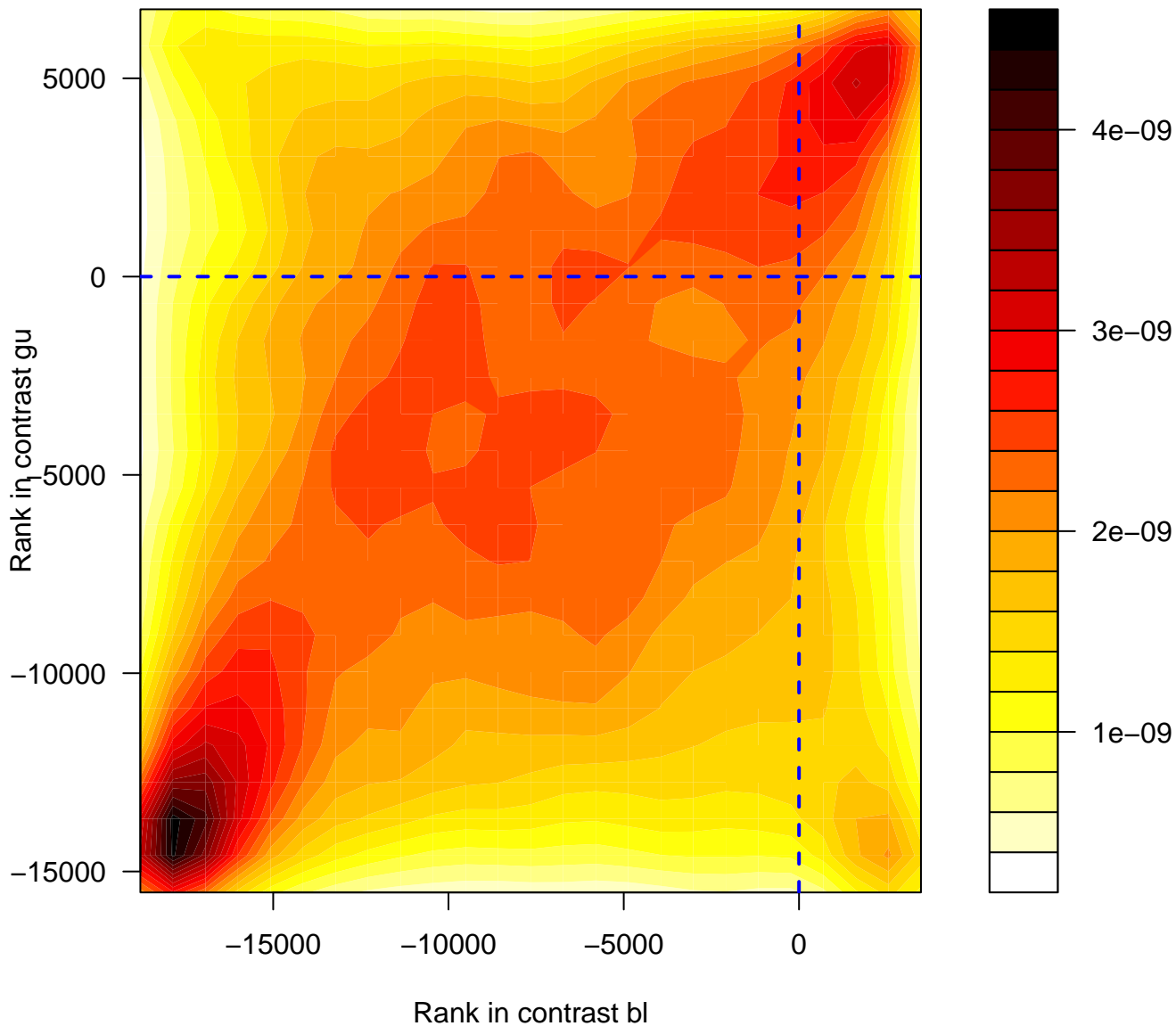


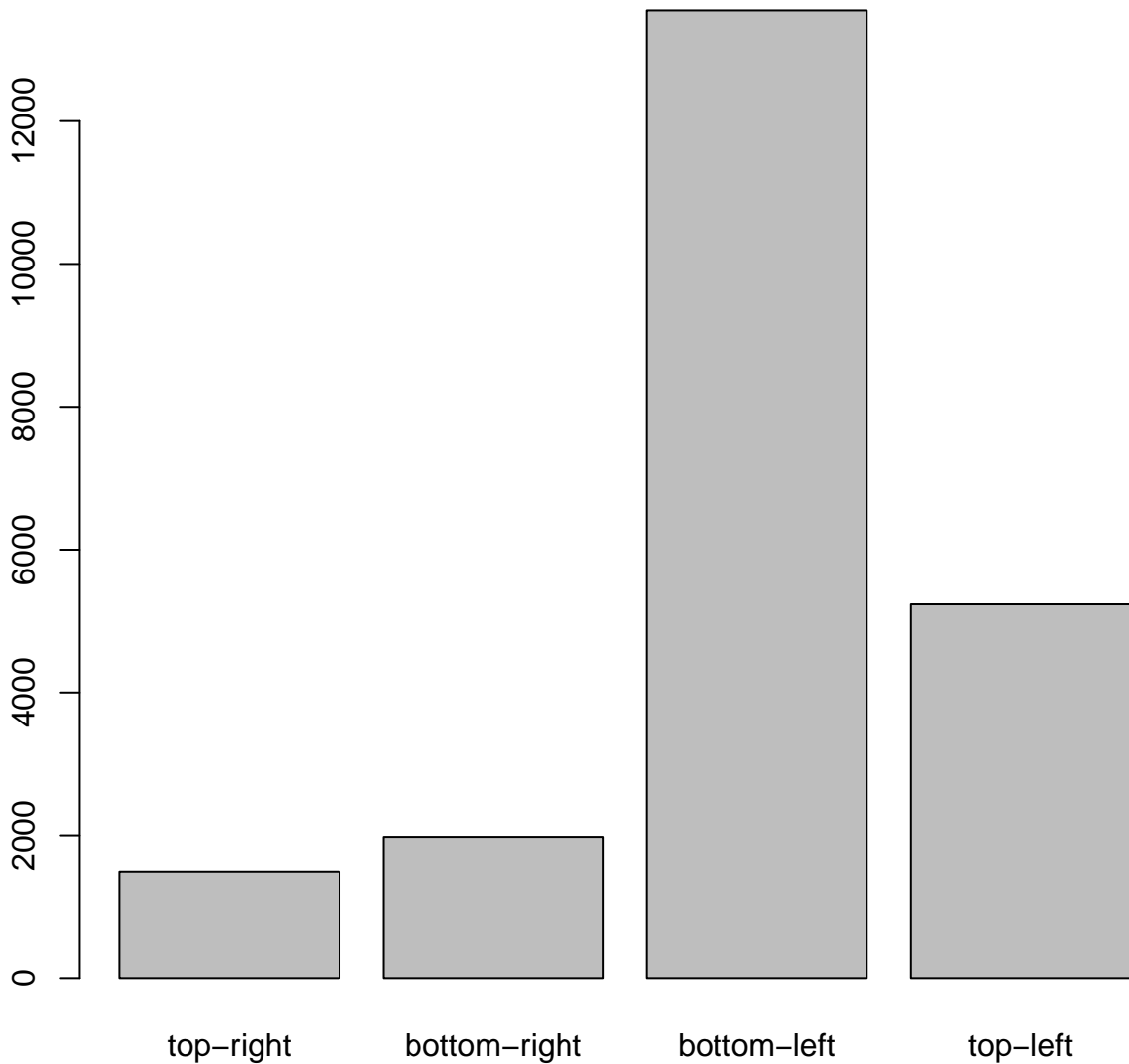
Scatterplot of all genes



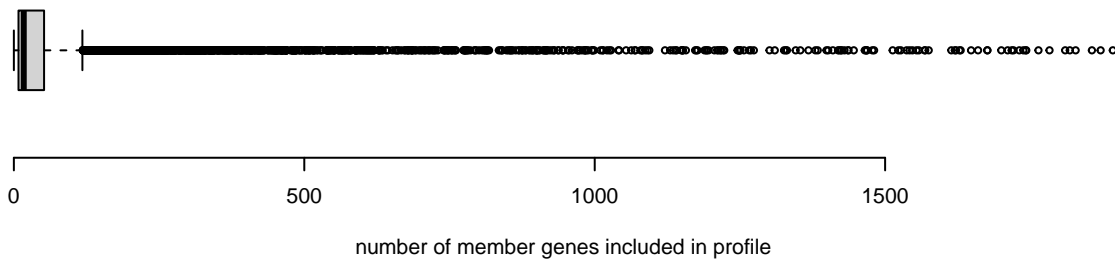
Rank-rank plot of all genes



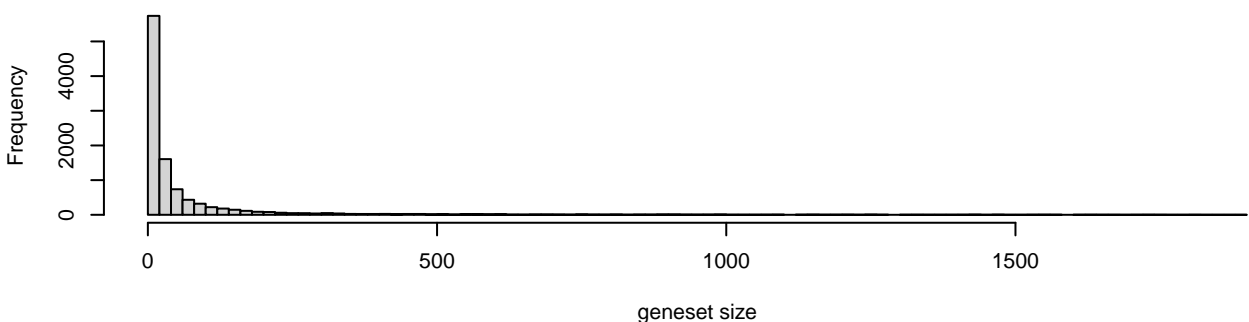
number of genes in each quadrant



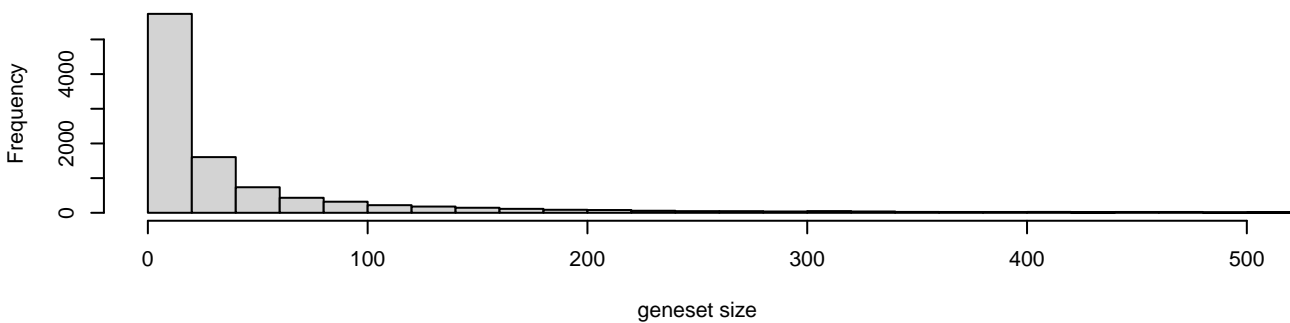
Gene set size



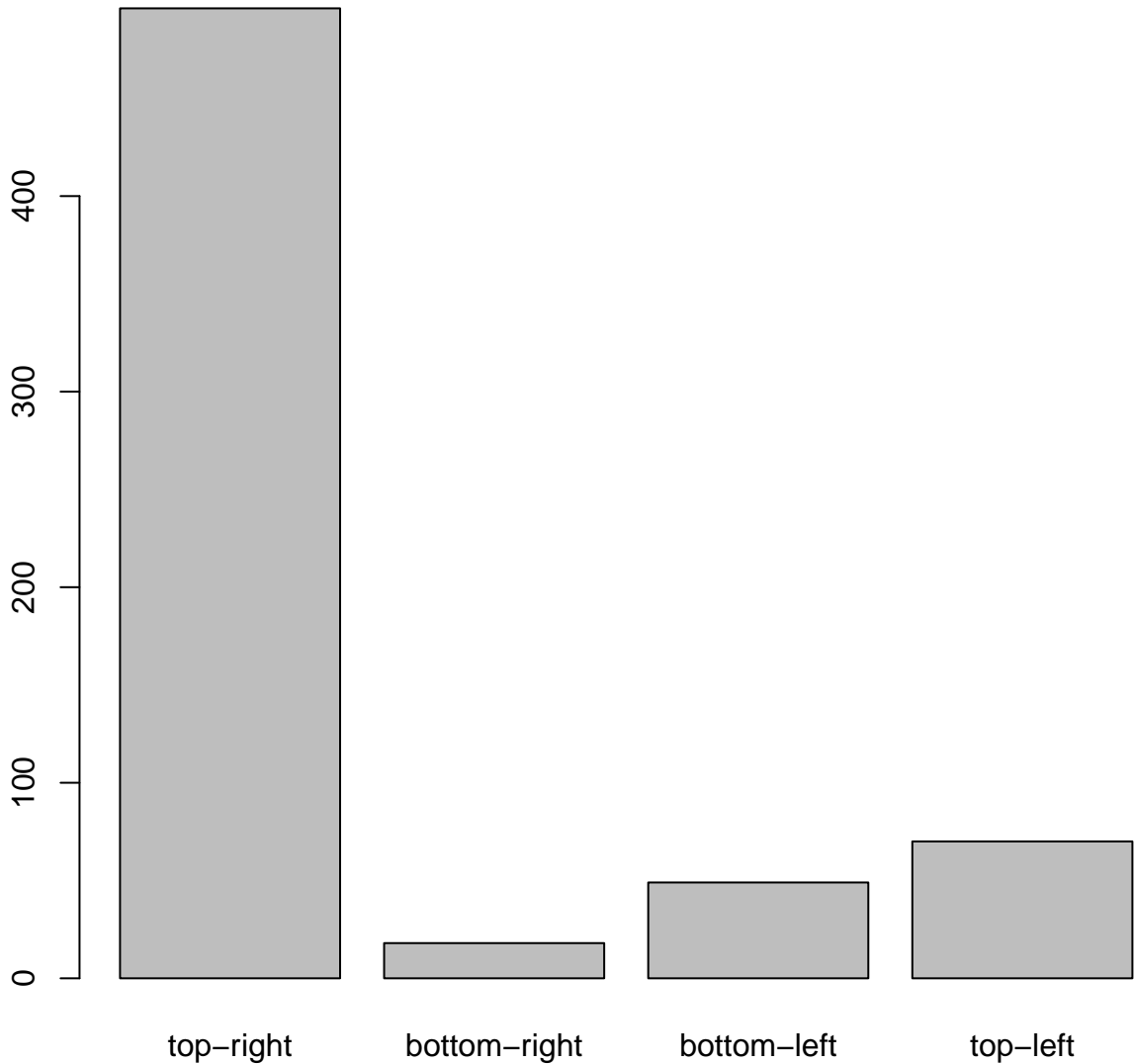
Histogram of geneset size



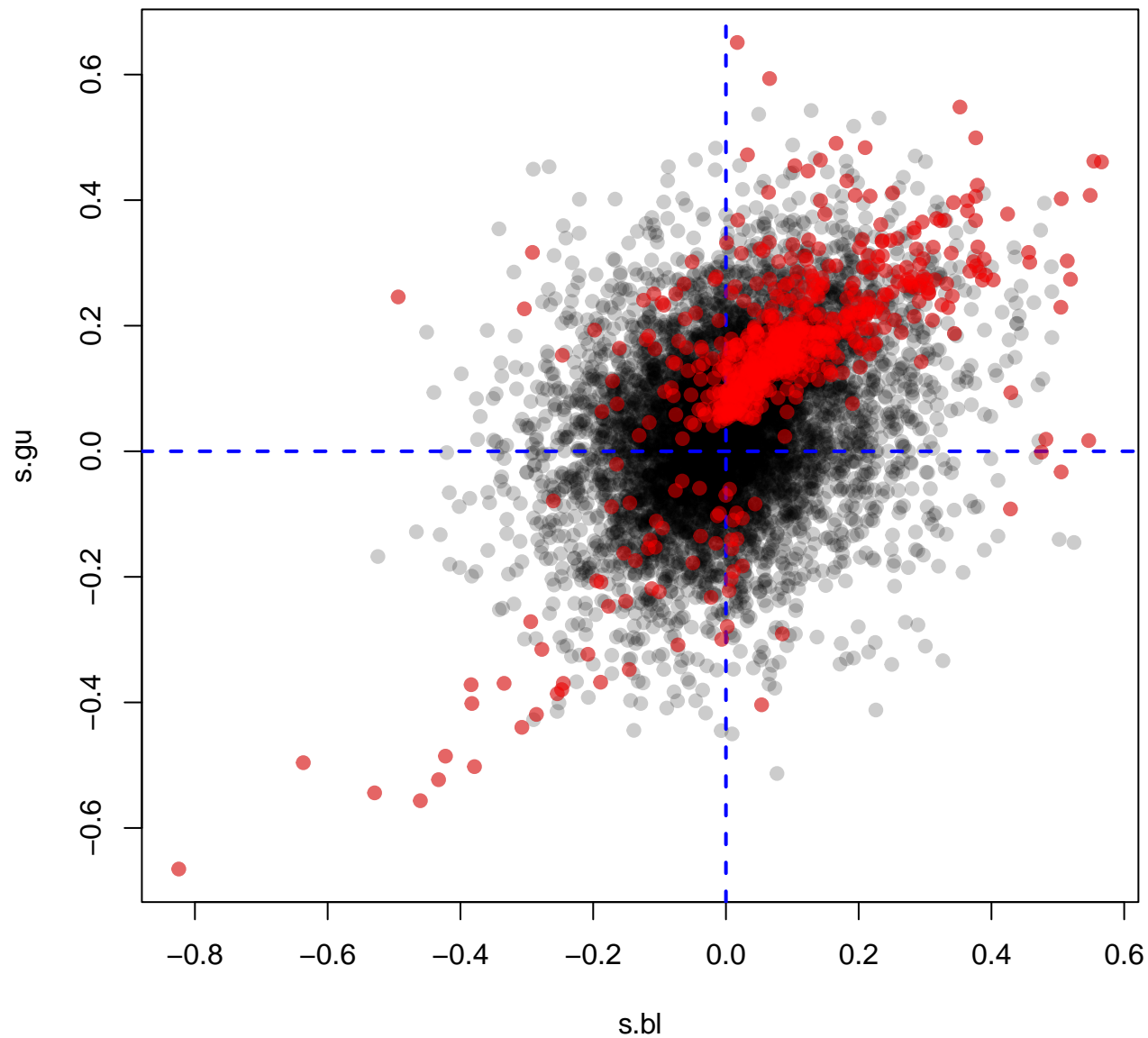
Trimmed histogram of geneset size



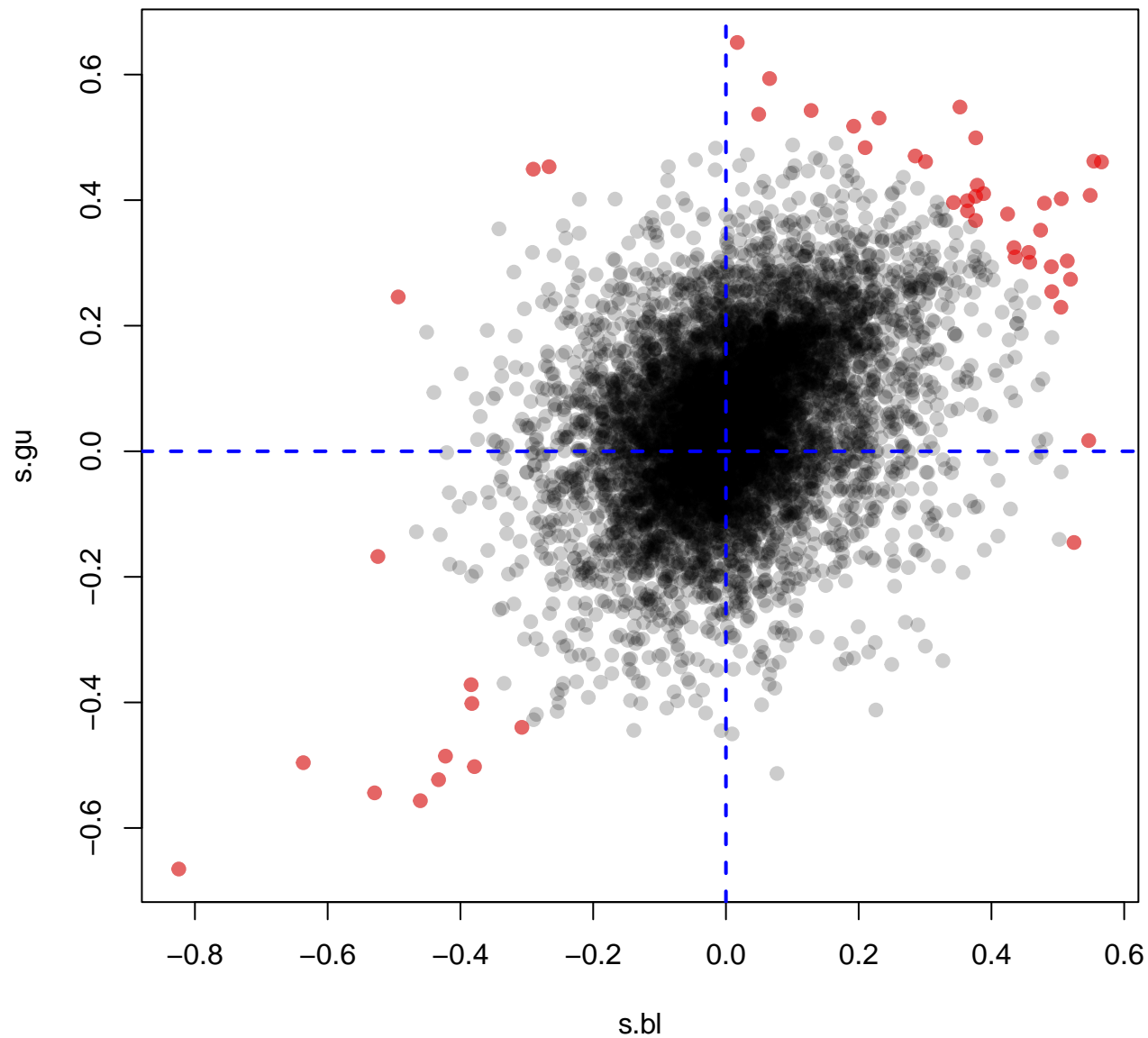
number of genesets FDR<0.05



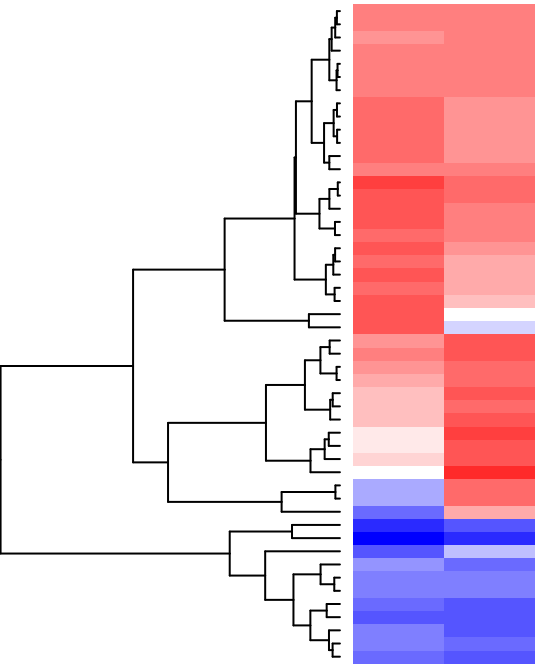
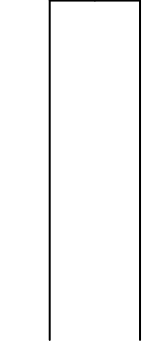
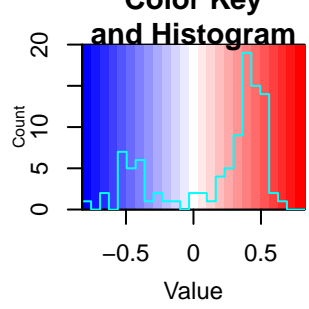
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 50 in red



Color Key and Histogram

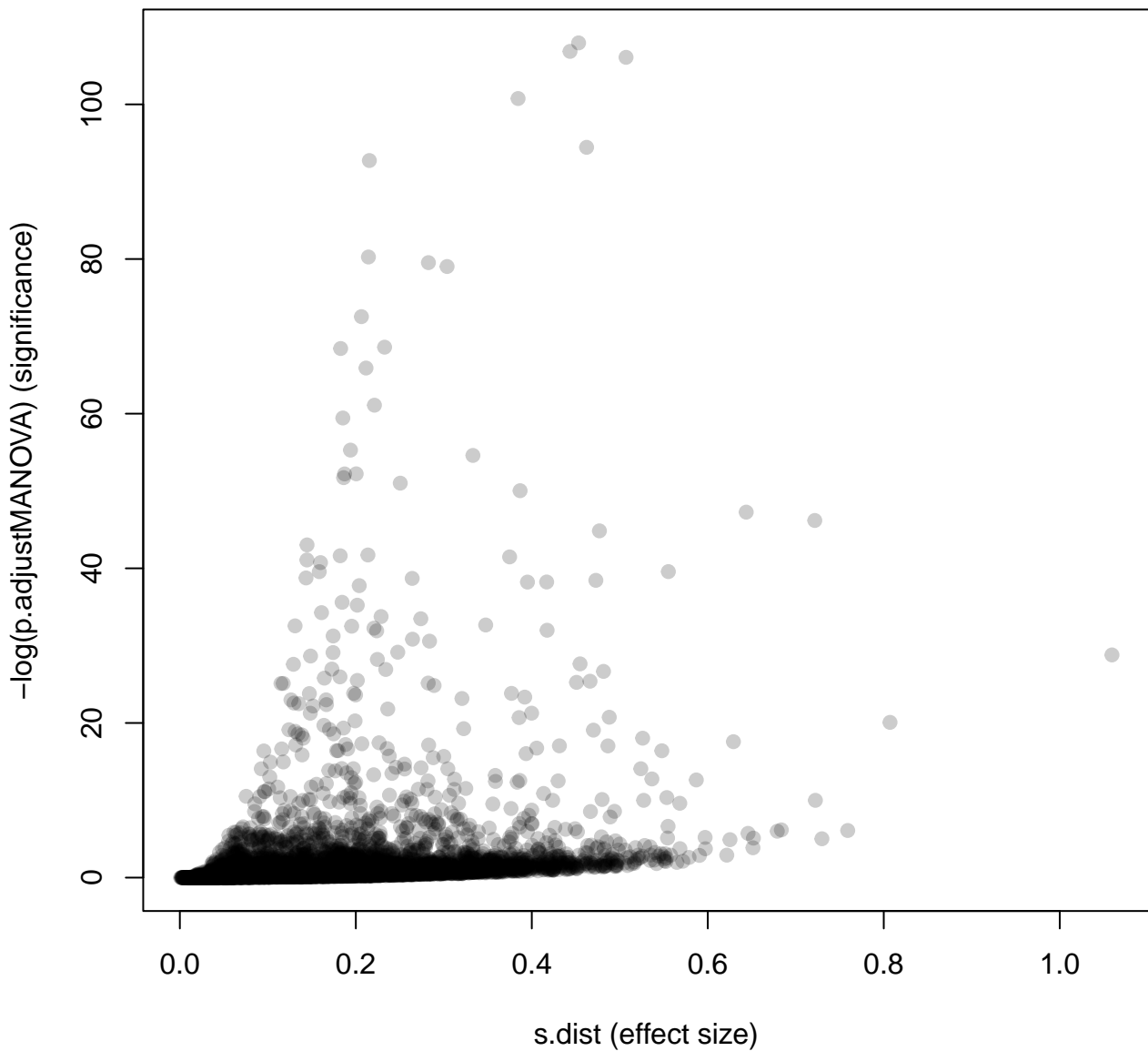


- GOCC PROTON TRANSPORTING ATP SYNTHASE COMPLEX
- GOBP PROTON MOTIVE FORCE DRIVEN ATP SYNTHESIS
- GOMF NAD P H DEHYDROGENASE QUINONE ACTIVITY
- GOCC NUCLEOSOME
- GOBP GROWTH PLATE CARTILAGE CHONDROCYTE DIFFERENTIATION
- GOMF HISTONE CHAPERONE ACTIVITY
- GOBP MITOCHONDRIAL ELECTRON TRANSPORT UBIQUINOL TO CYTOCHROME C
- GOBP PROTEIN LOCALIZATION TO CENP A CONTAINING CHROMATIN
- GOCC MITOCHONDRIAL RESPIRATORY CHAIN COMPLEX III
- GOCC RIBONUCLEASE MRP COMPLEX
- GOMF RIBONUCLEASE P ACTIVITY
- GOCC NUCLEAR EXOSOME RNASE COMPLEX
- GOBP TRANSLATIONAL TERMINATION
- GOBP PANCREATIC A CELL DIFFERENTIATION
- GOCC BCL 2 FAMILY PROTEIN COMPLEX
- GOBP RESPONSE TO OXYGEN GLUCOSE DEPRIVATION
- GOMF FK506 BINDING
- GOBP ROSTROCAUDAL NEURAL TUBE PATTERNING
- GOBP RESPONSE TO BACTERIAL LIPOPROTEIN
- GOMF TASTE RECEPTOR ACTIVITY
- GOBP ANTRAL OVARIAN FOLLICLE GROWTH
- GOMF EXTRACELLULAR MATRIX STRUCTURAL CONSTITUENT CONFERRING TENSILE STRENGTH
- GOBP CELLULAR GLUCURONIDATION
- GOBP SENSORY PERCEPTION OF BITTER TASTE
- GOBP POSITIVE REGULATION OF PEPTIDYL SERINE PHOSPHORYLATION

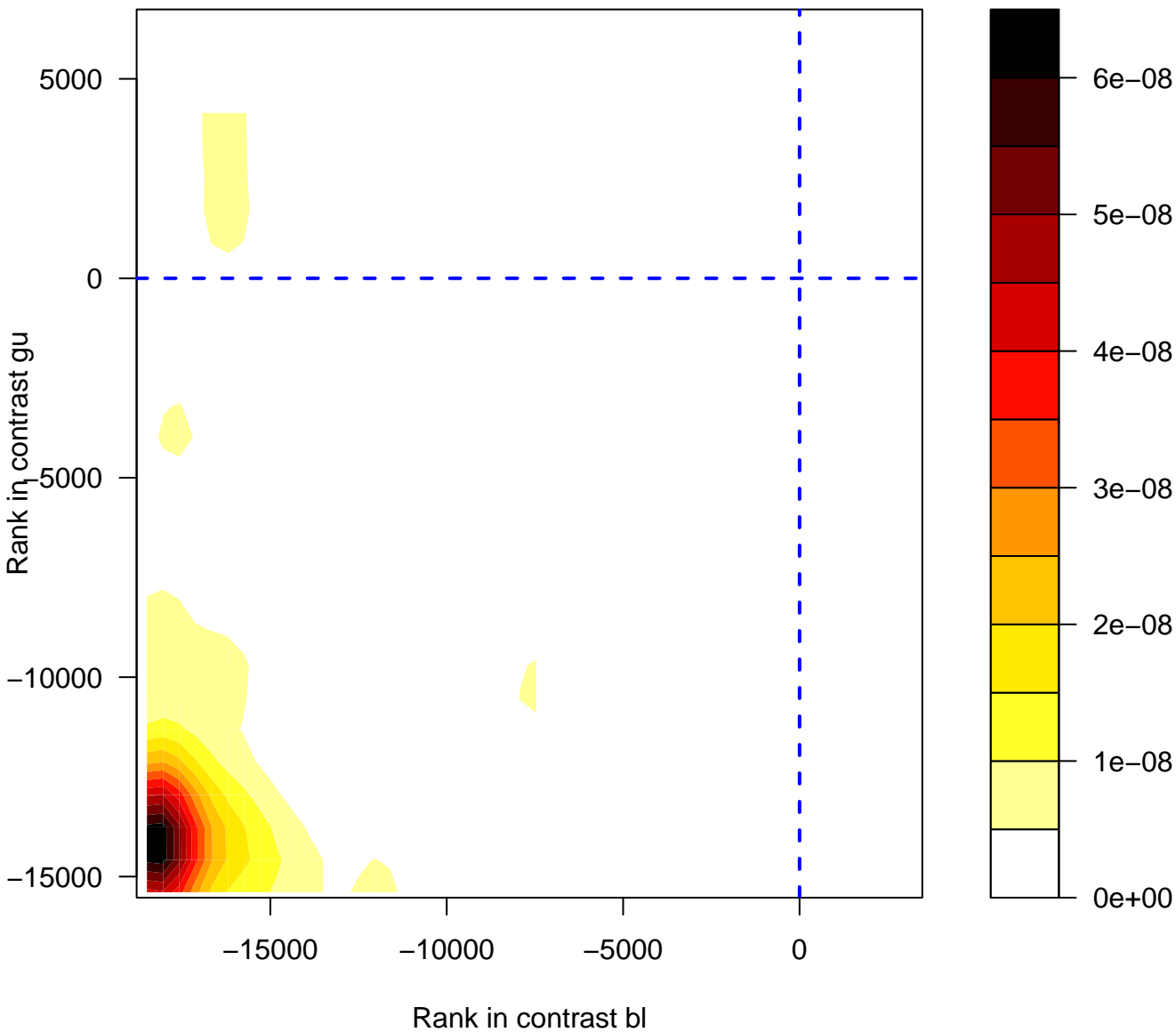
bi

nu

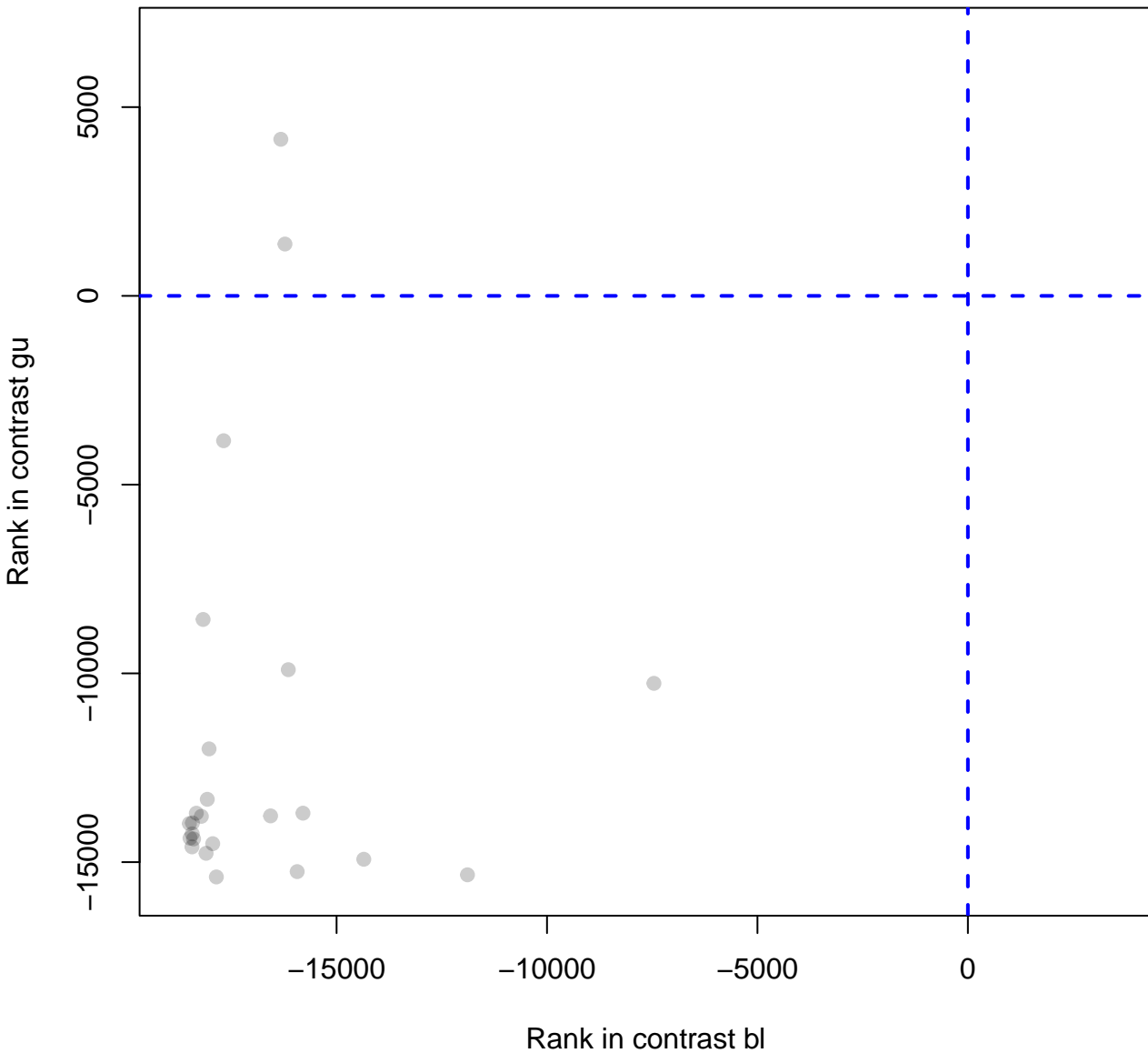
effect size versus statistical significance



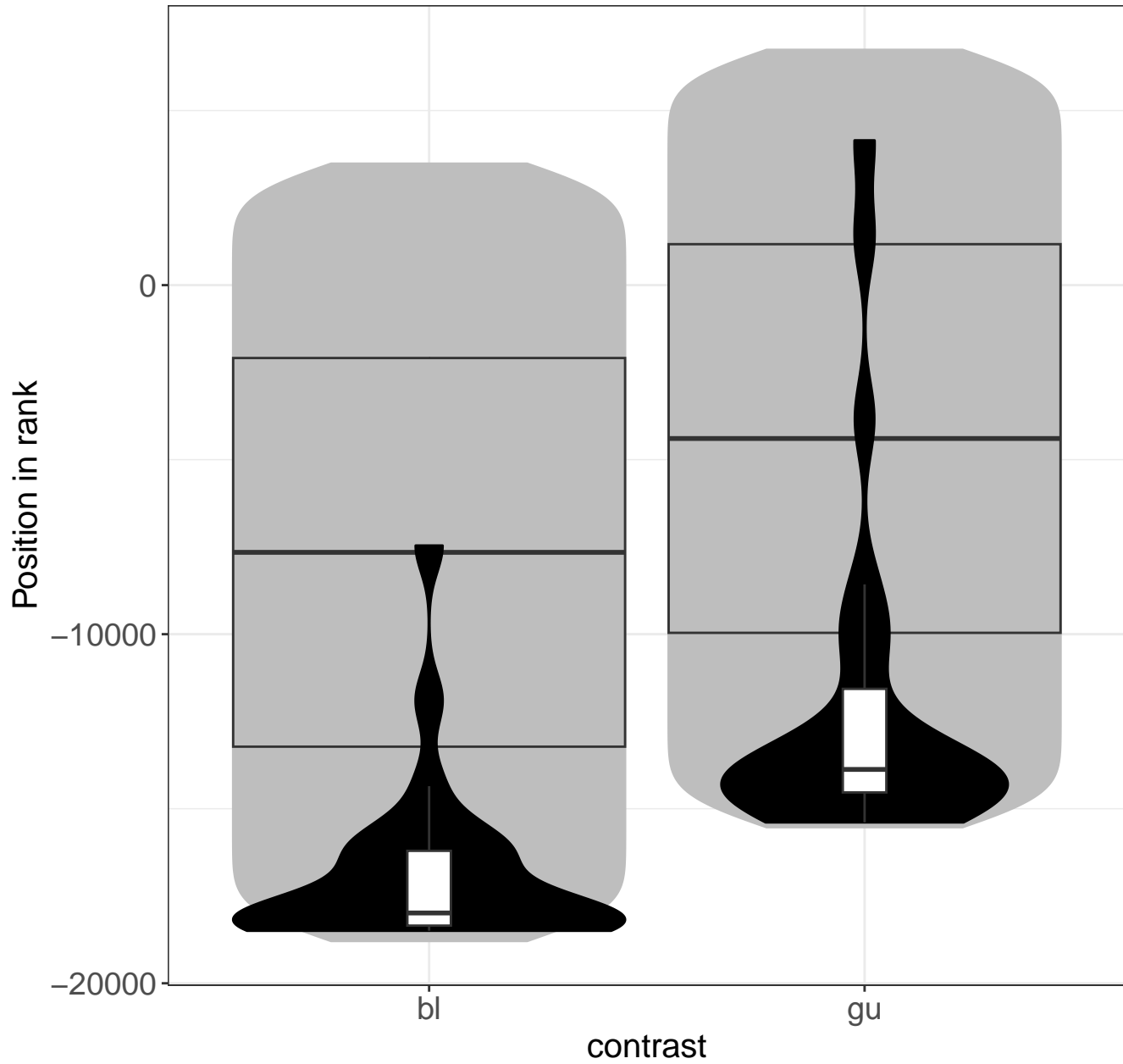
GOMF BITTER TASTE RECEPTOR ACTIVITY



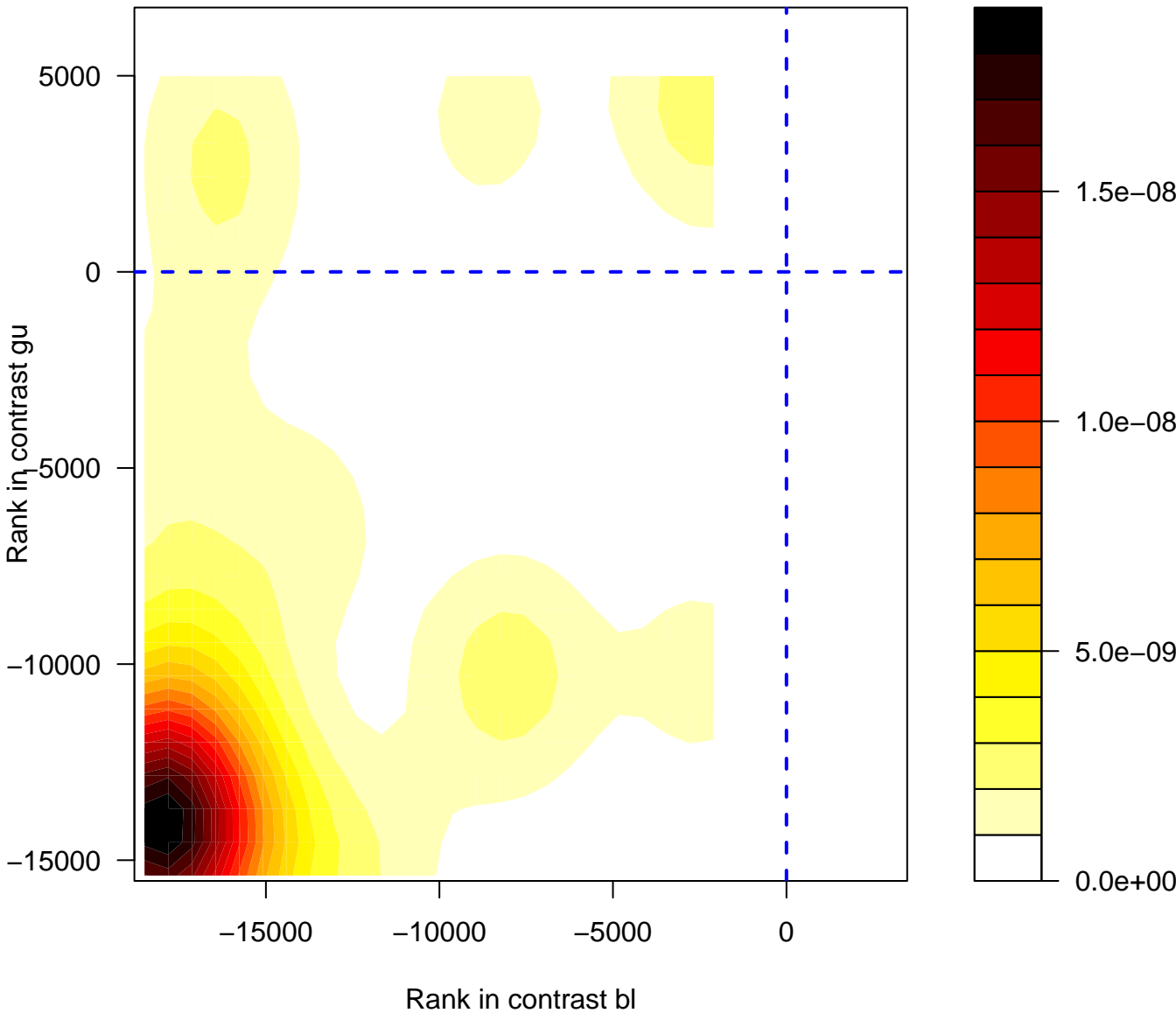
GOMF BITTER TASTE RECEPTOR ACTIVITY



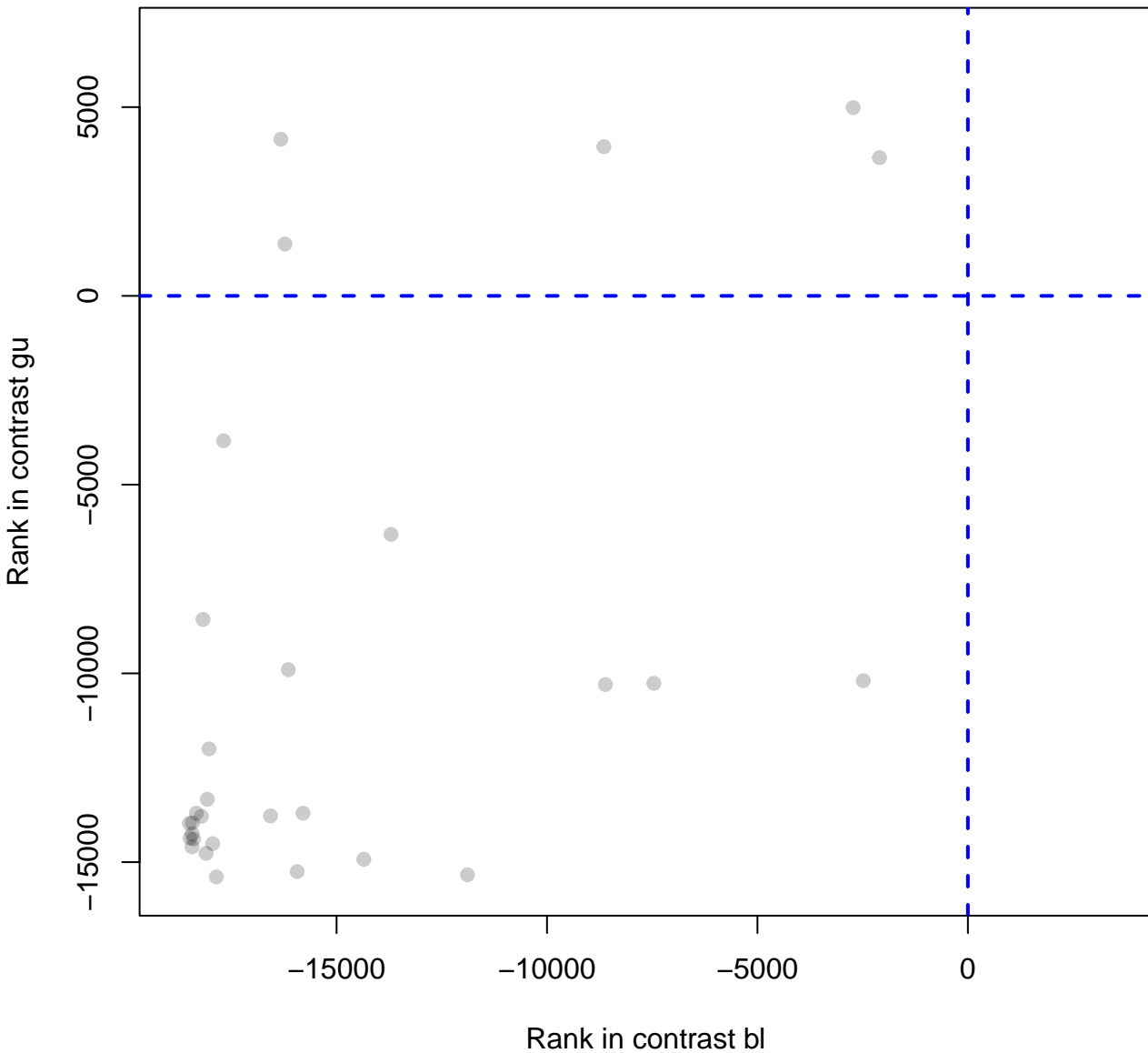
GOMF BITTER TASTE RECEPTOR ACTIVITY



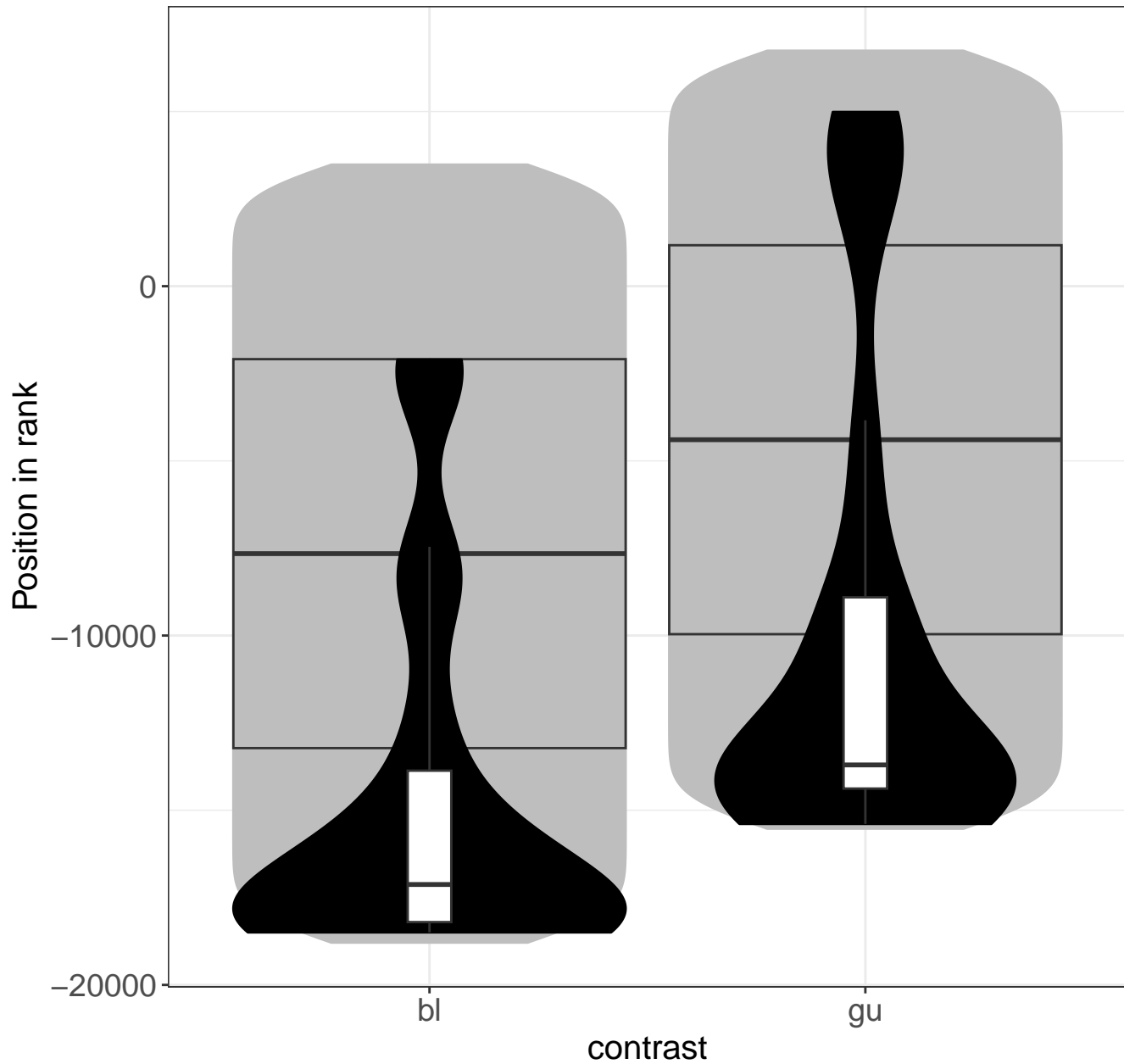
GOMF TASTE RECEPTOR ACTIVITY



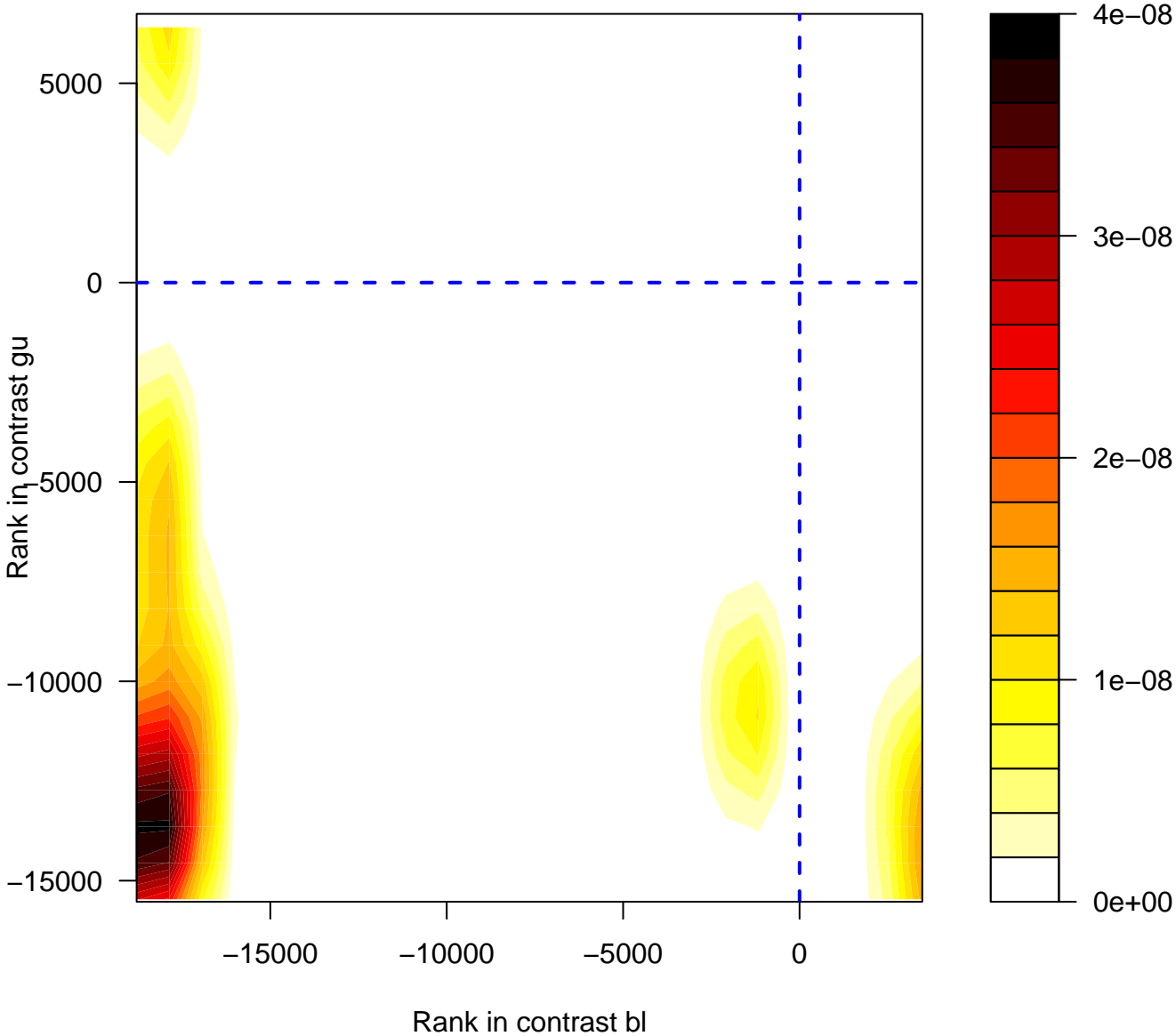
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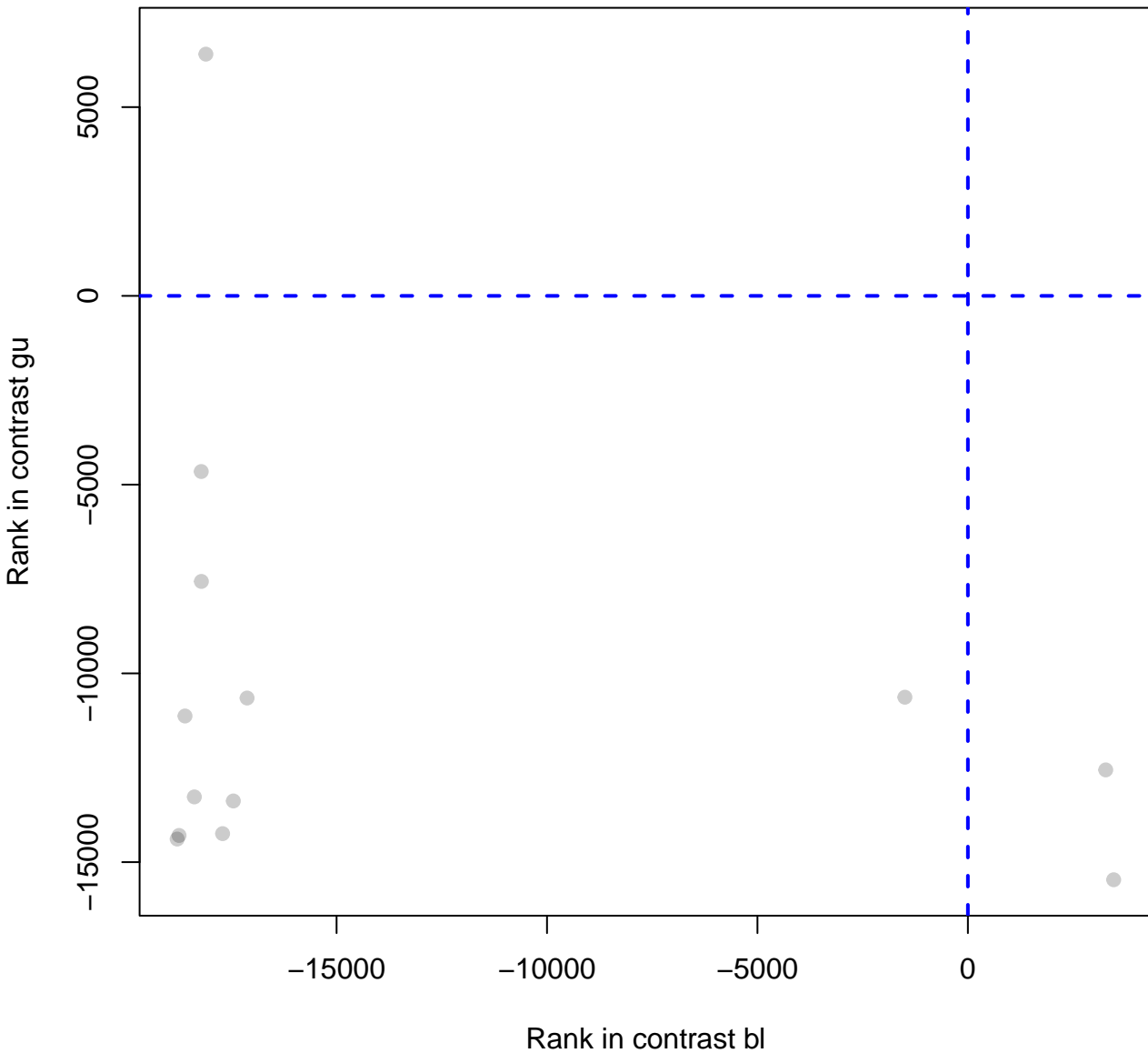
GOMF TASTE RECEPTOR ACTIVITY



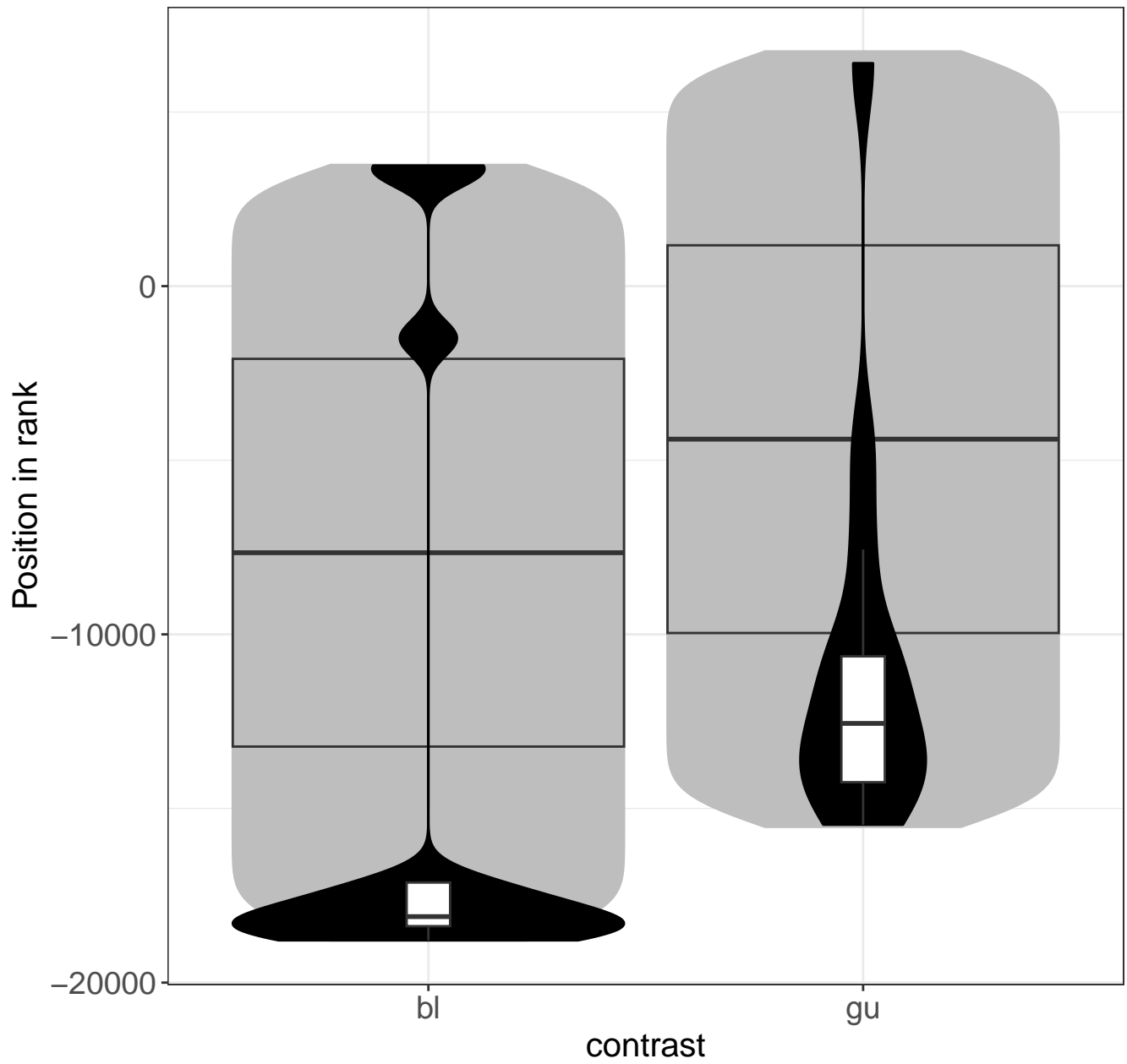
GOMF TYPE I INTERFERON RECEPTOR BINDING



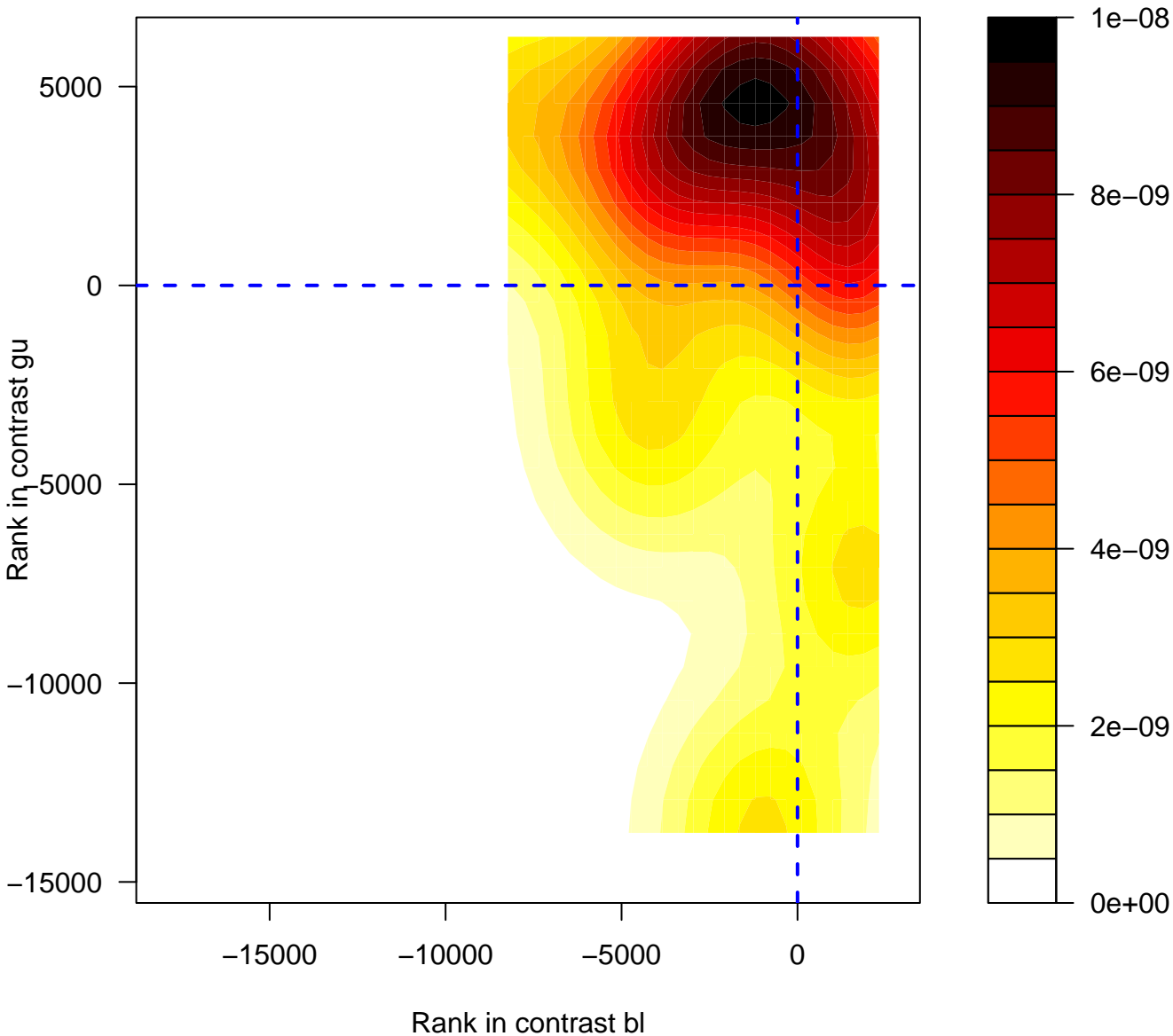
GOMF TYPE I INTERFERON RECEPTOR BINDING



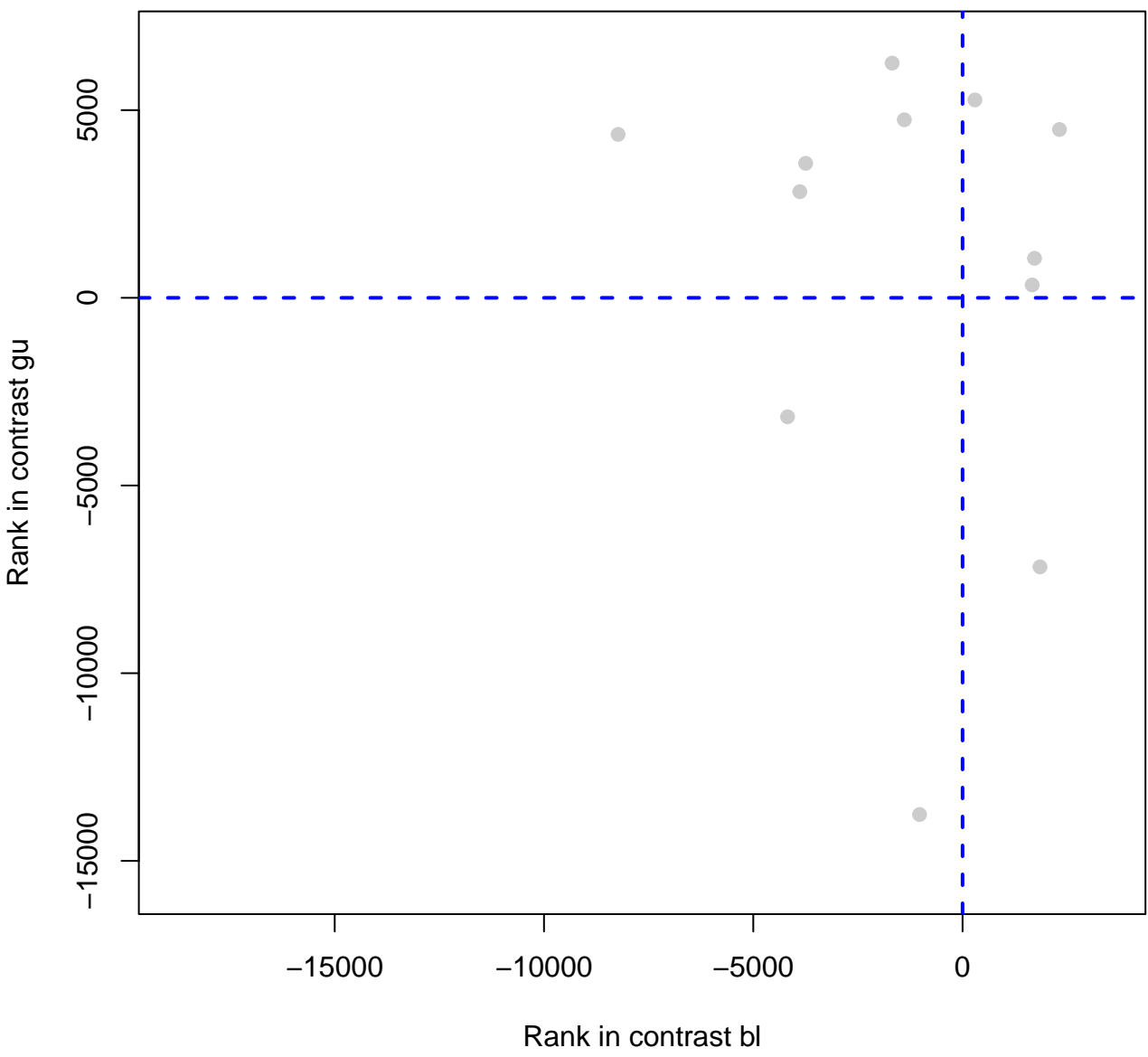
GOMF TYPE I INTERFERON RECEPTOR BIND



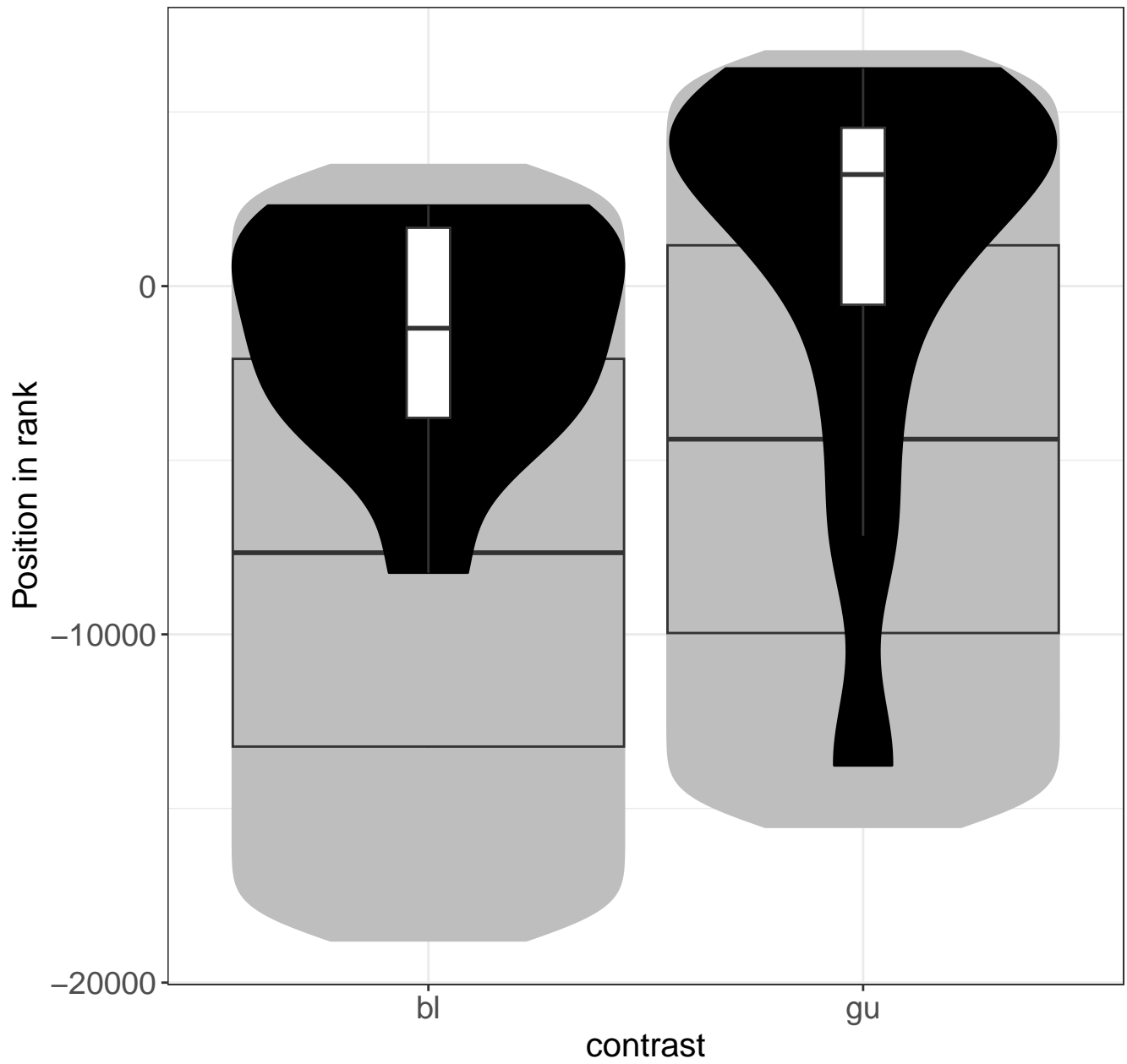
MITOCHONDRIAL ELECTRON TRANSPORT UBIQUINOL TO CY



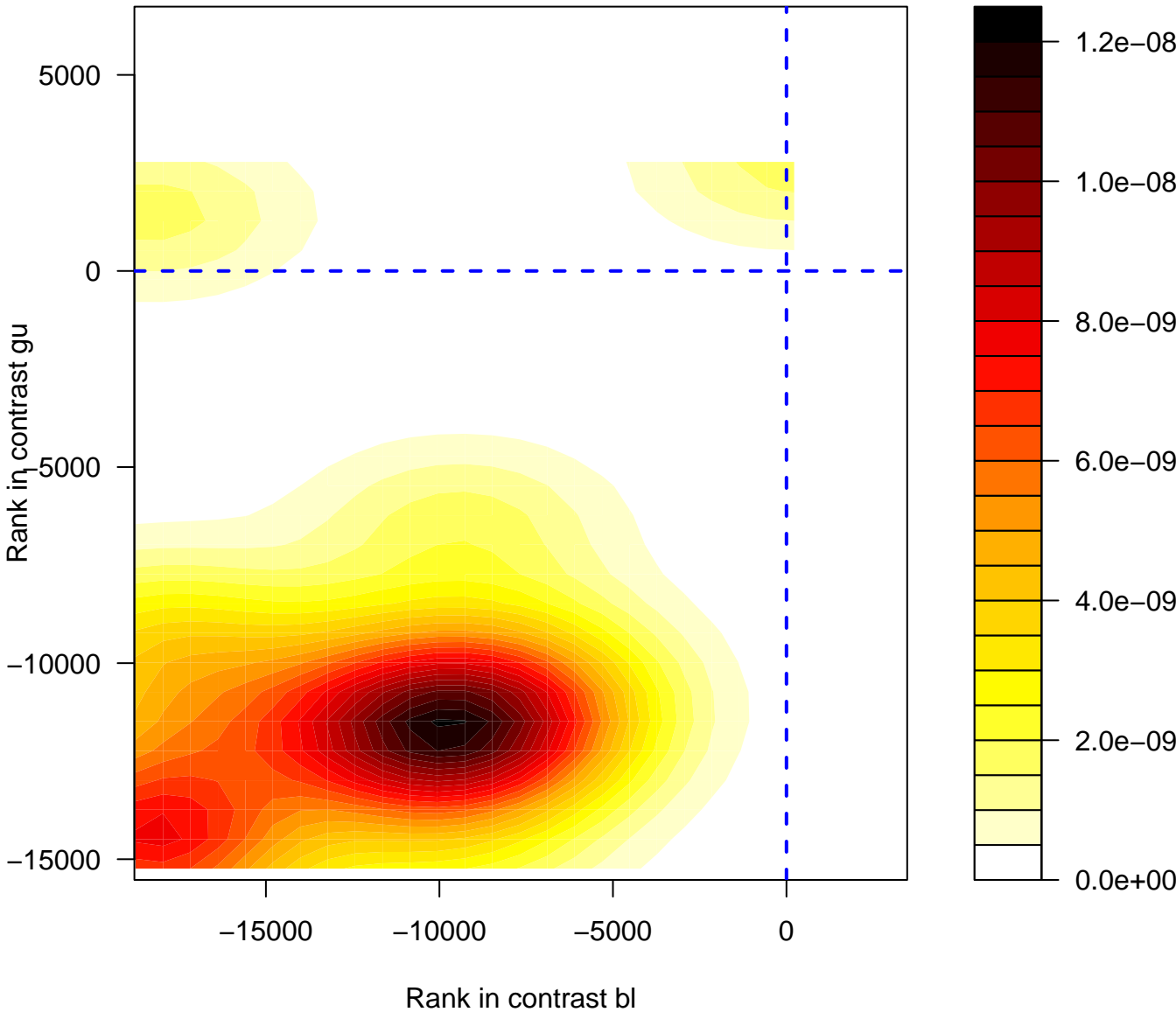
OBP MITOCHONDRIAL ELECTRON TRANSPORT UBIQUINOL TO CYTOCHRO



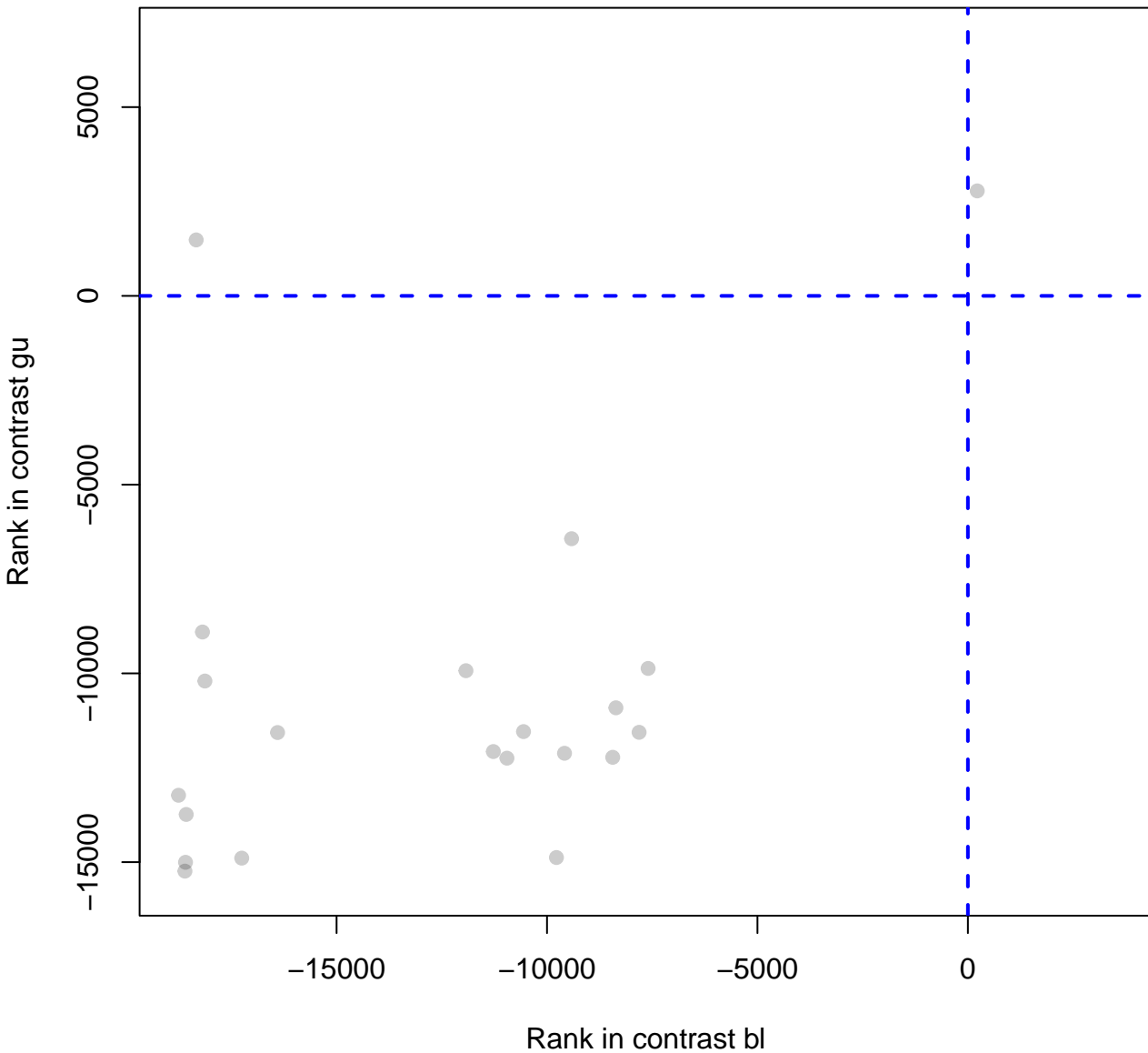
GOBP MITOCHONDRIAL ELECTRON TRANSP



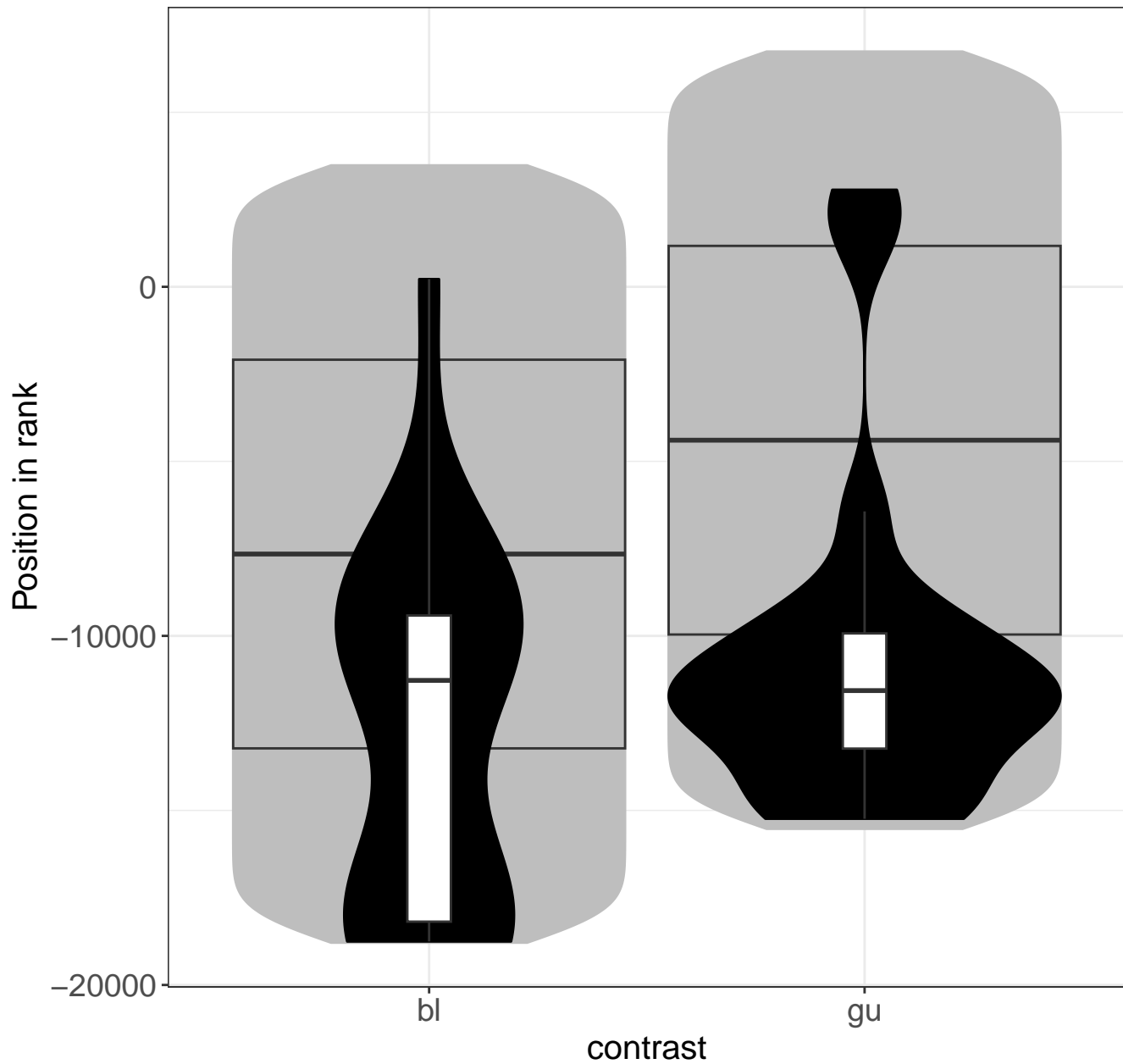
GOBP CELLULAR GLUCURONIDATION



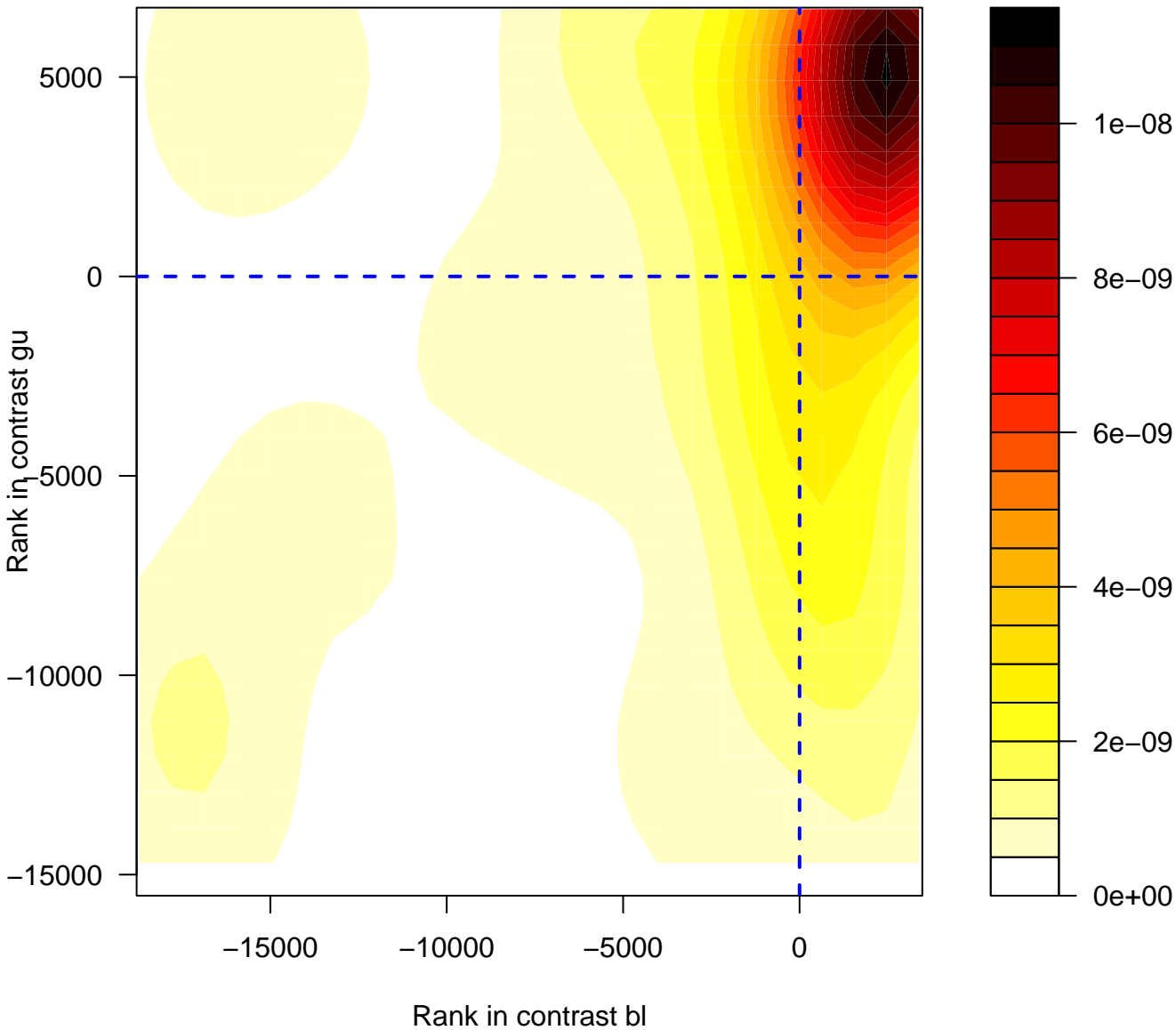
GOBP CELLULAR GLUCURONIDATION



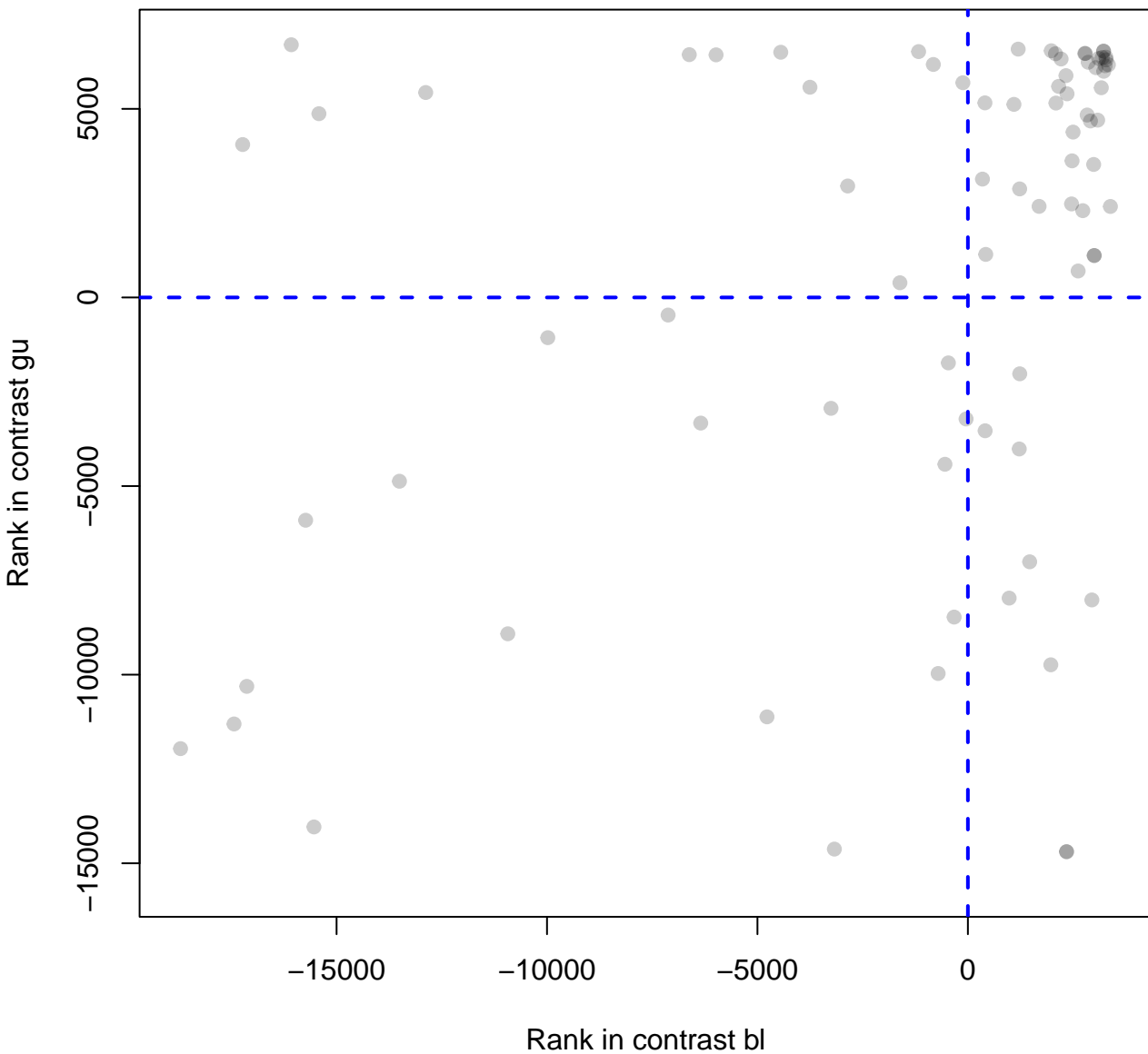
GOBP CELLULAR GLUCURONIDATION



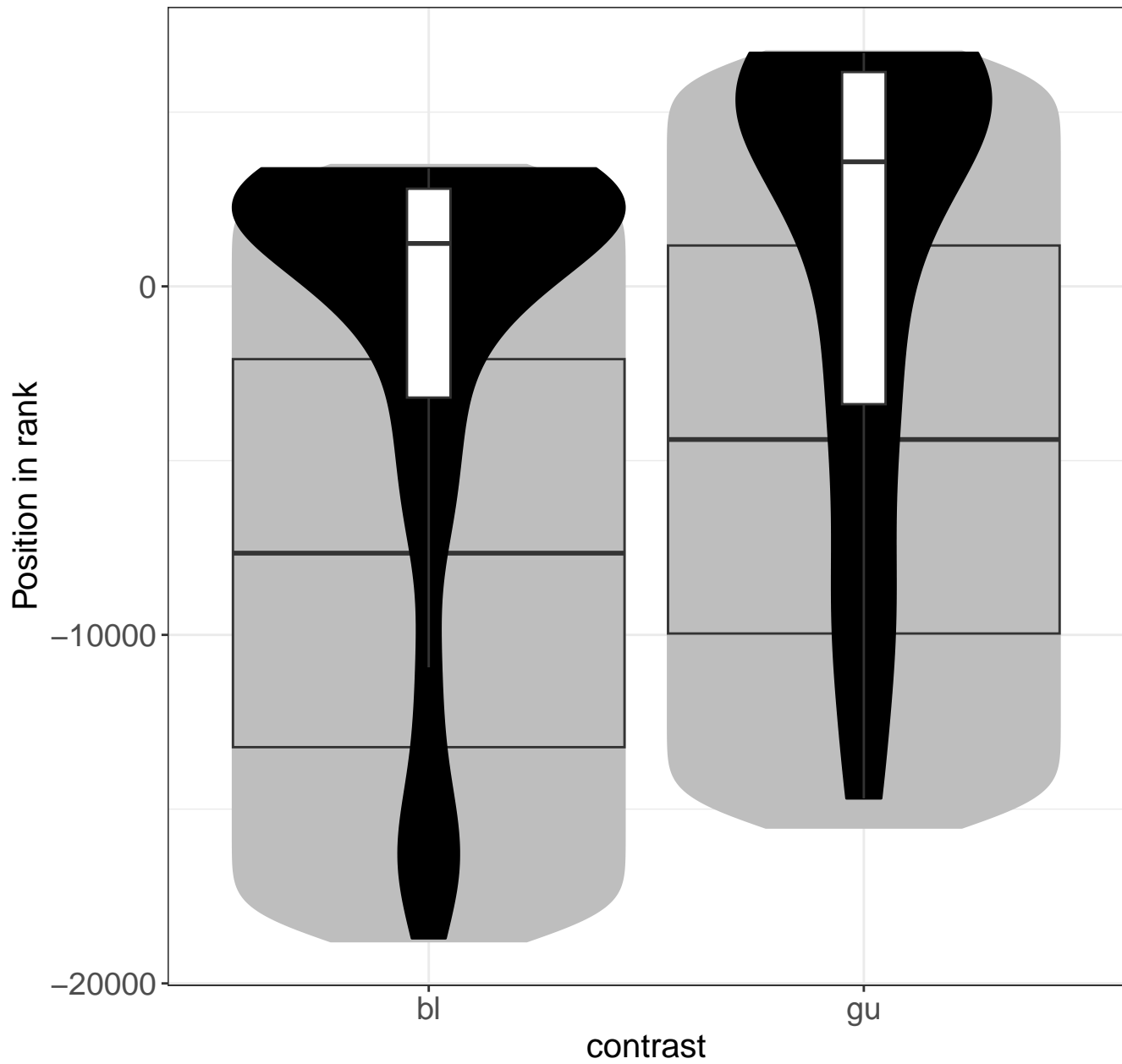
GOMF STRUCTURAL CONSTITUENT OF CHROMATIN



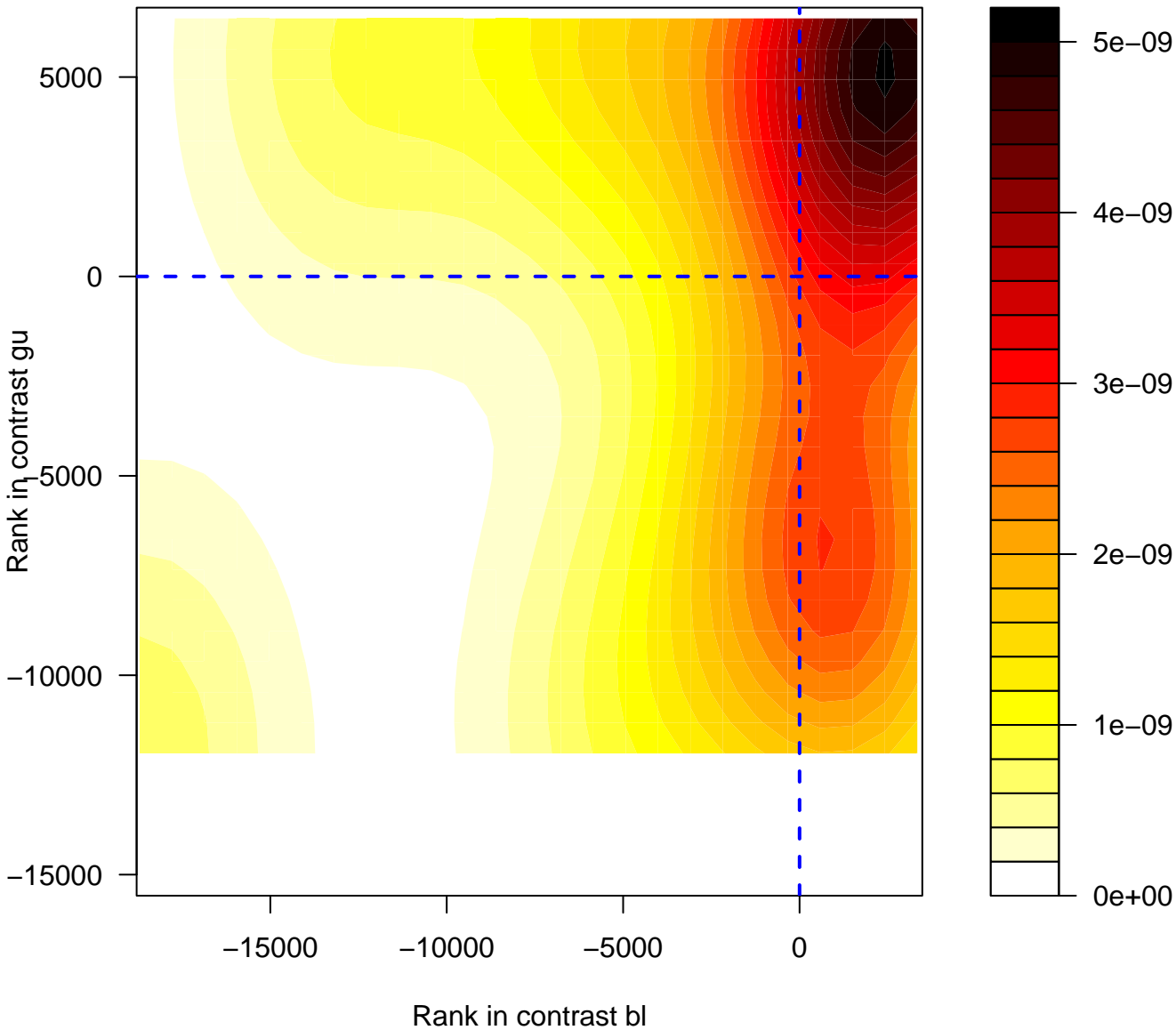
GOMF STRUCTURAL CONSTITUENT OF CHROMATIN



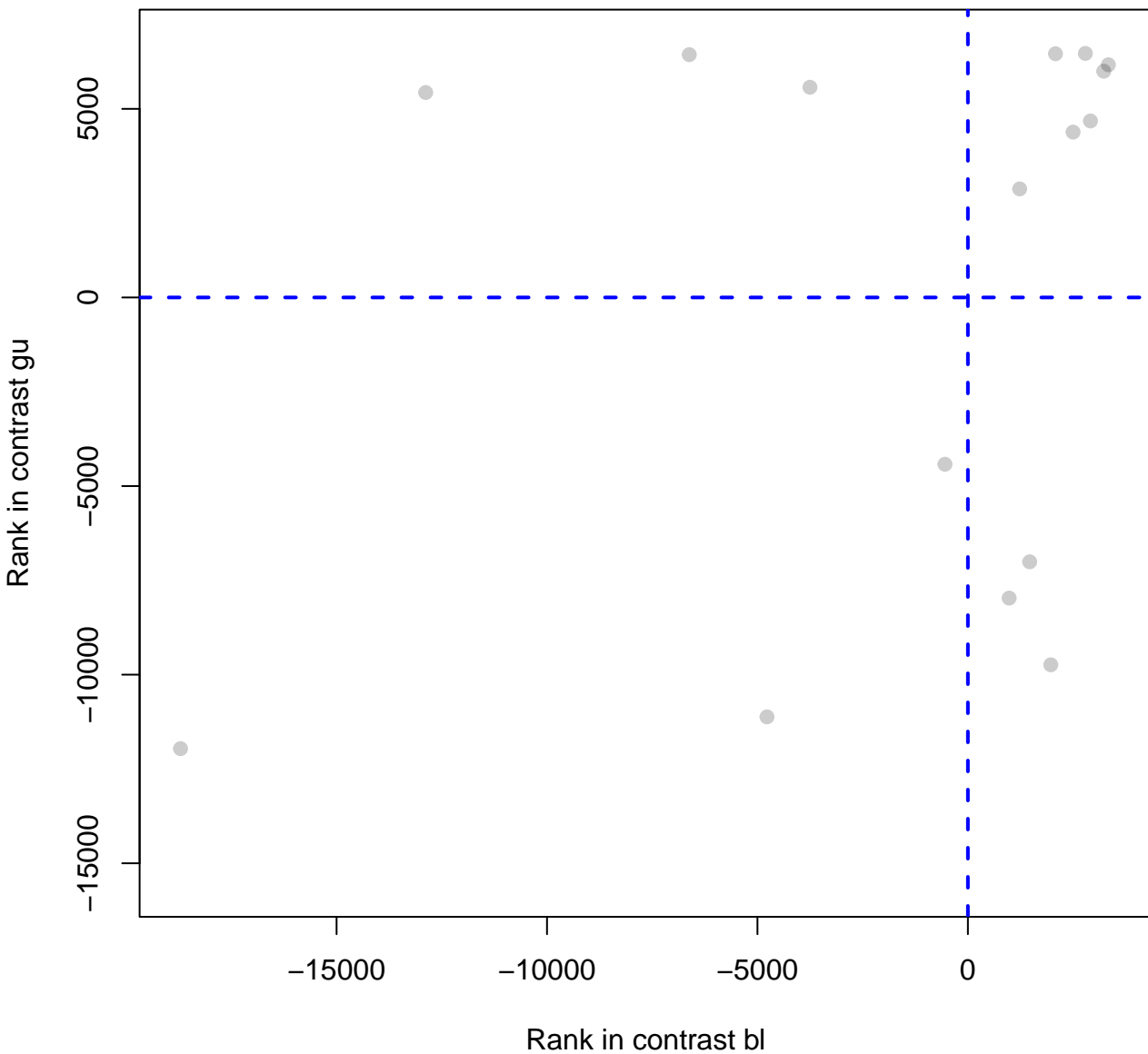
GOMF STRUCTURAL CONSTITUENT OF CHR



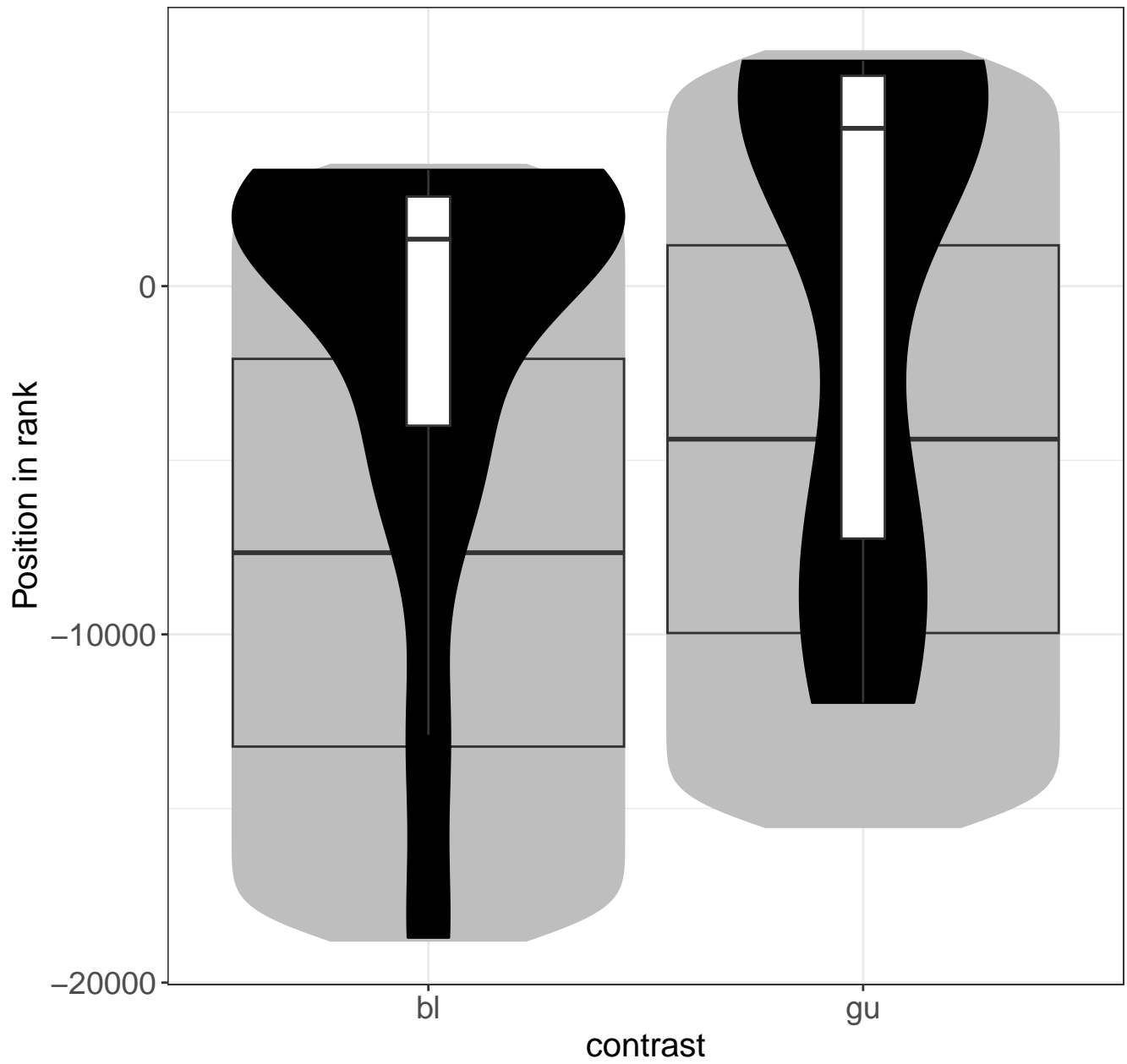
OBP PROTEIN LOCALIZATION TO CENP A CONTAINING CHR



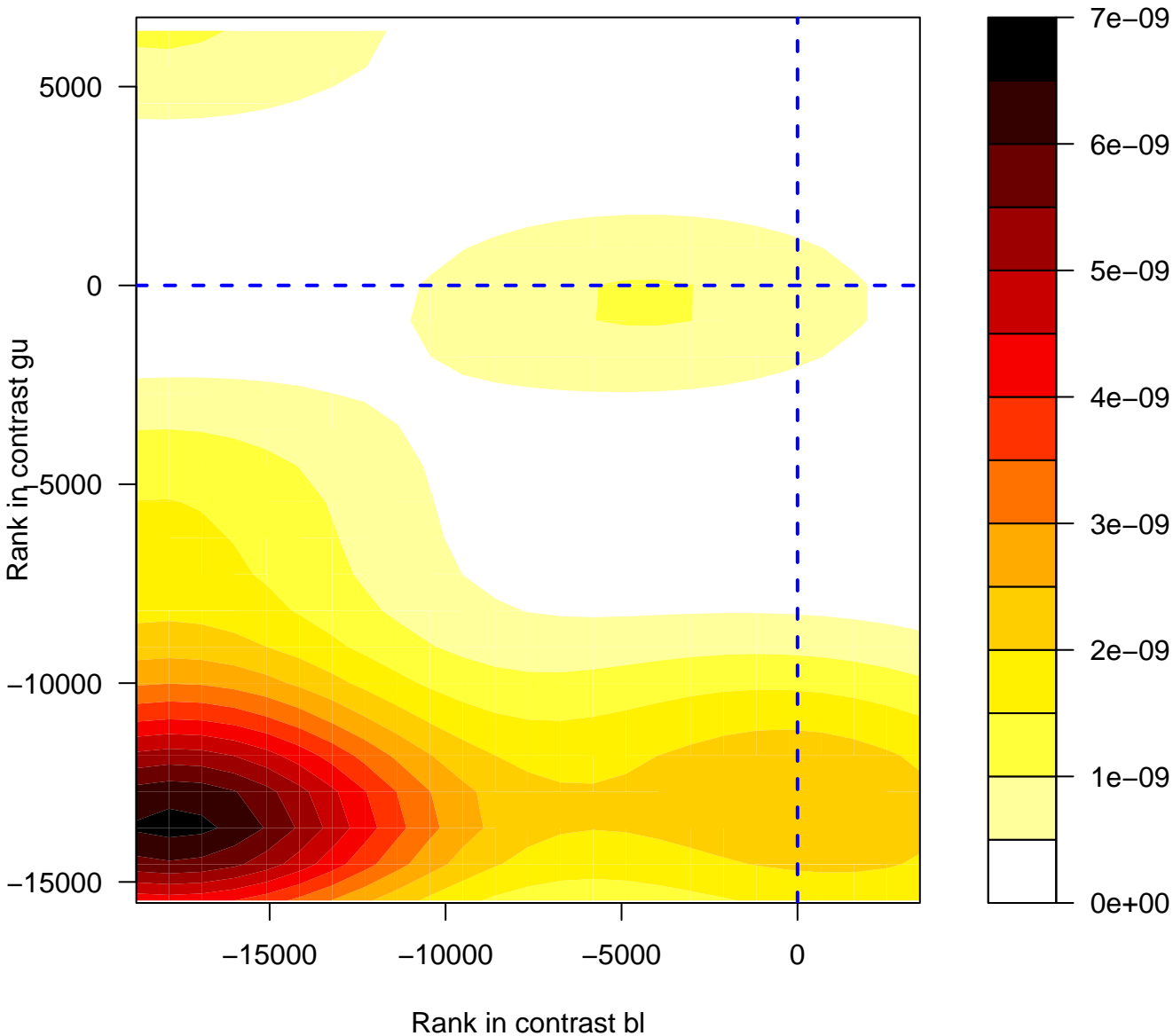
GOBP PROTEIN LOCALIZATION TO CENP A CONTAINING CHROMATIN



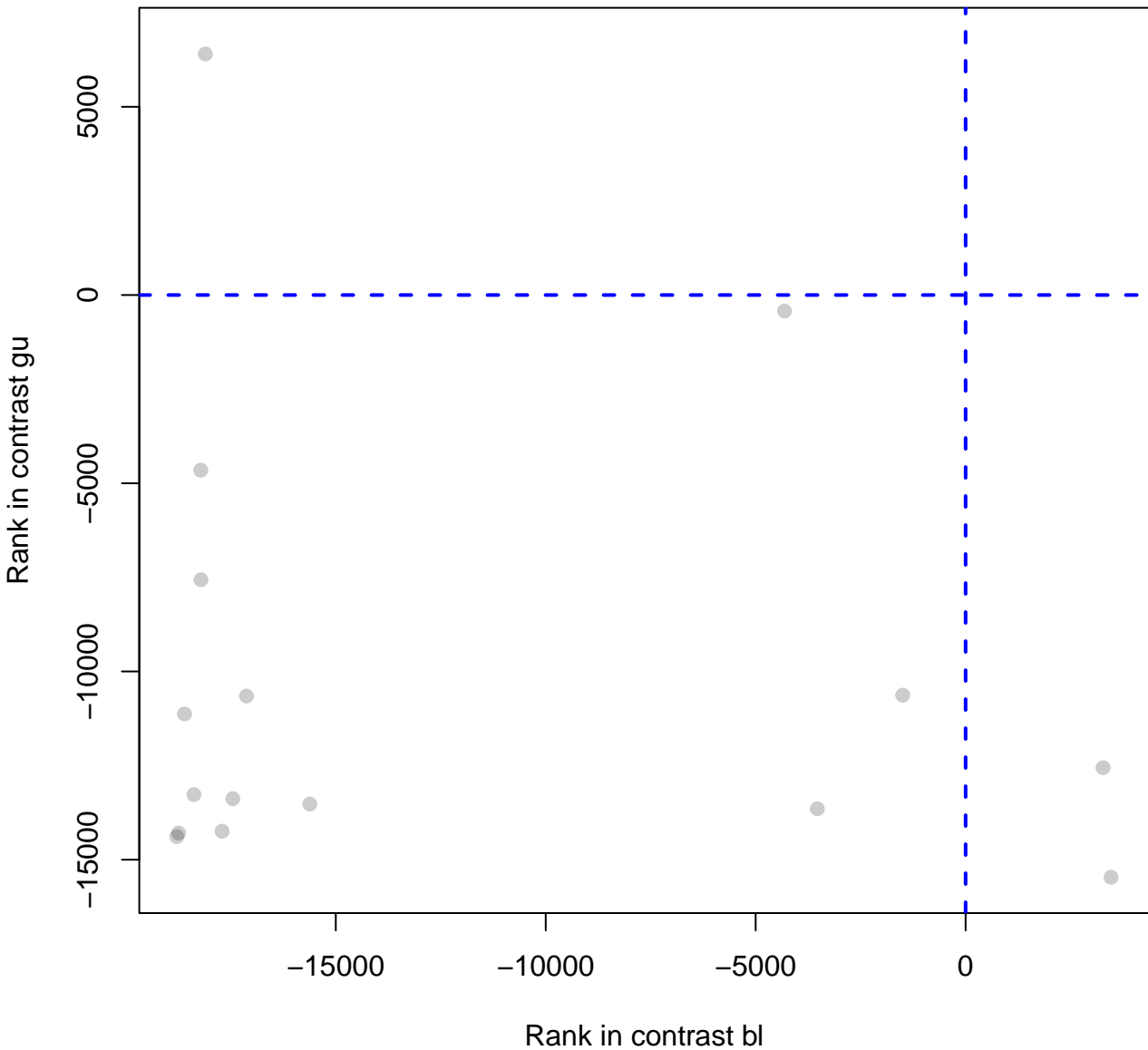
GOBP PROTEIN LOCALIZATION TO CENP A C



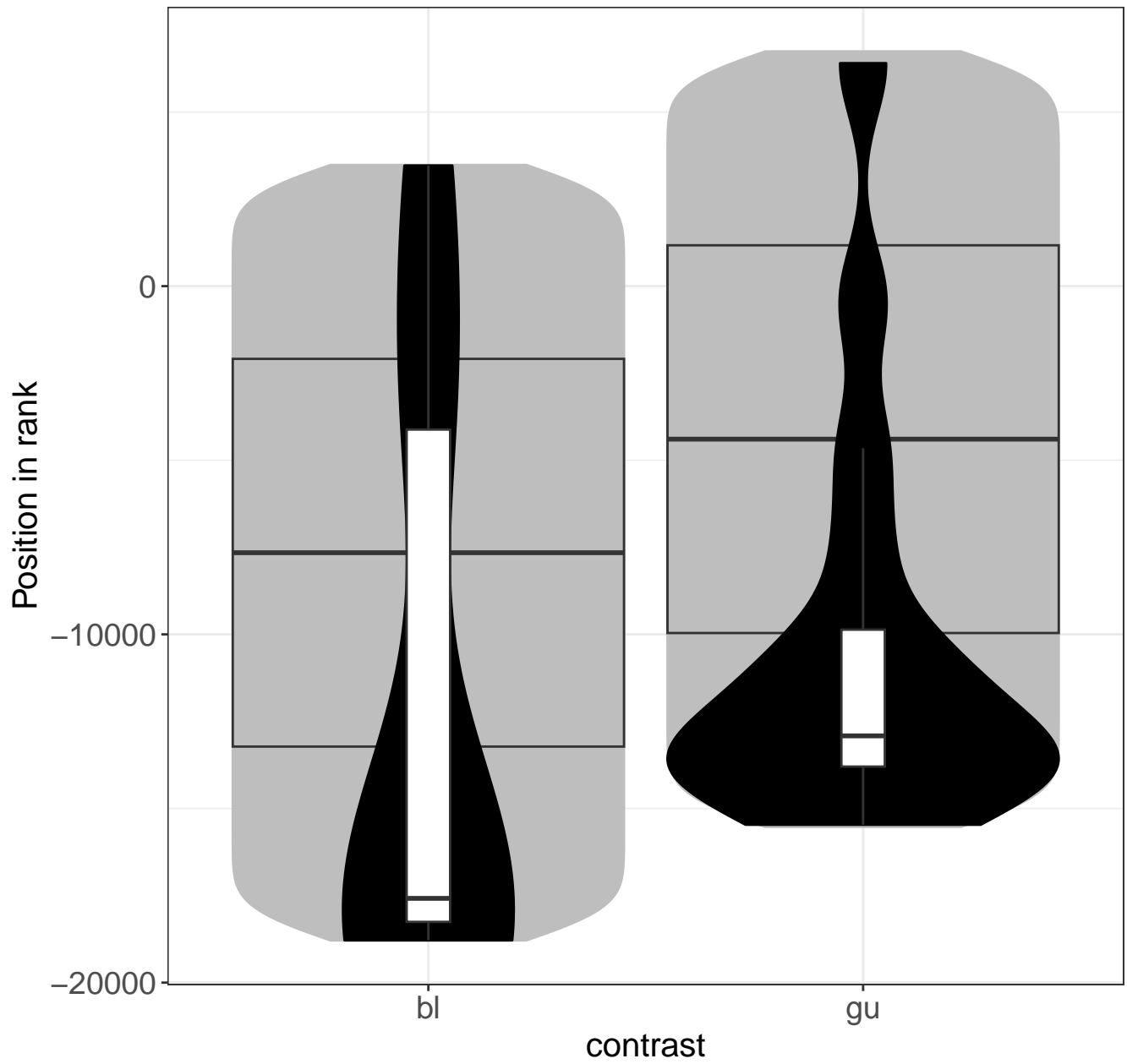
POSITIVE REGULATION OF PEPTIDYL SERINE PHOSPHORYLATION



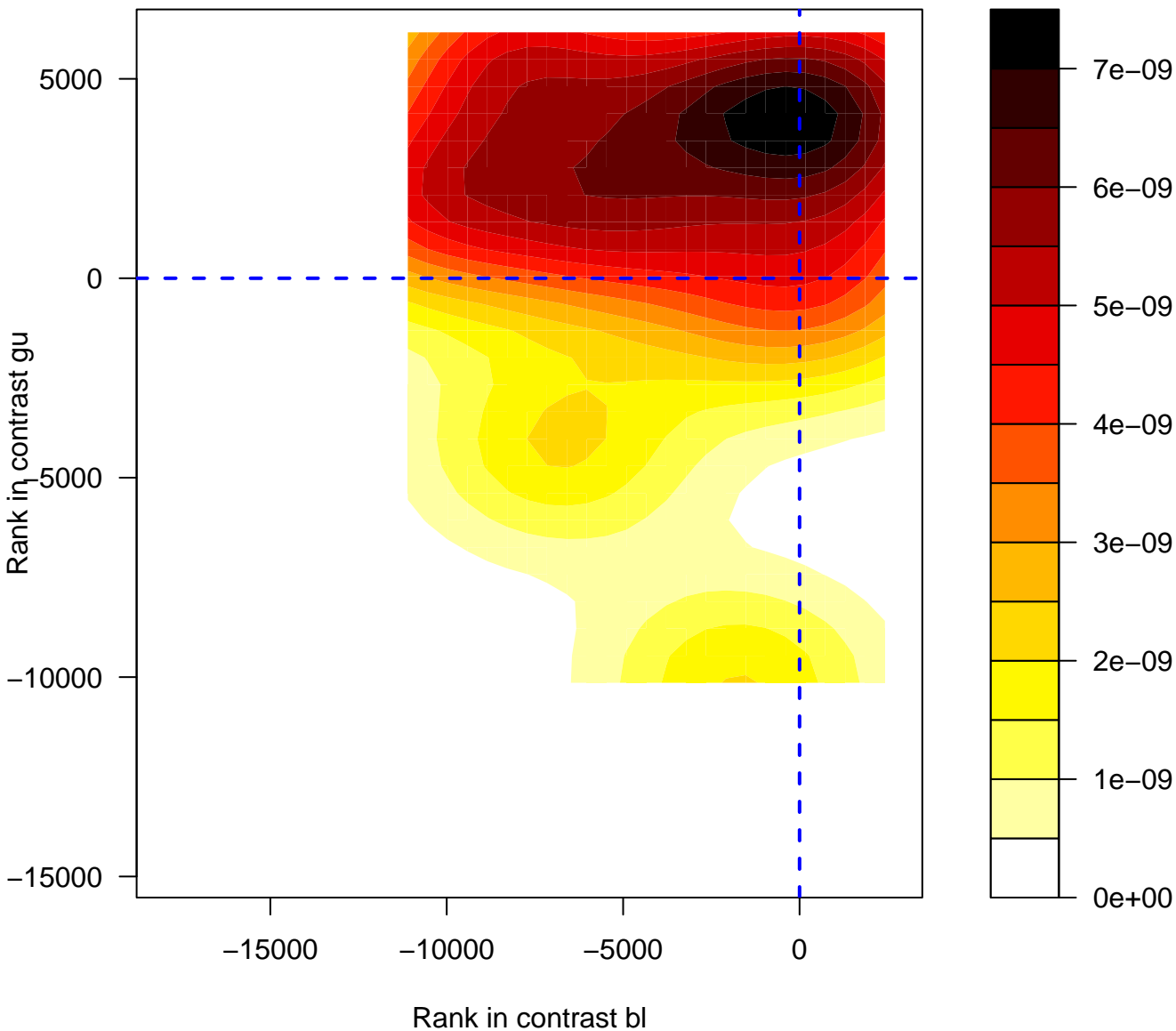
POSITIVE REGULATION OF PEPTIDYL SERINE PHOSPHORYLATION OF STA



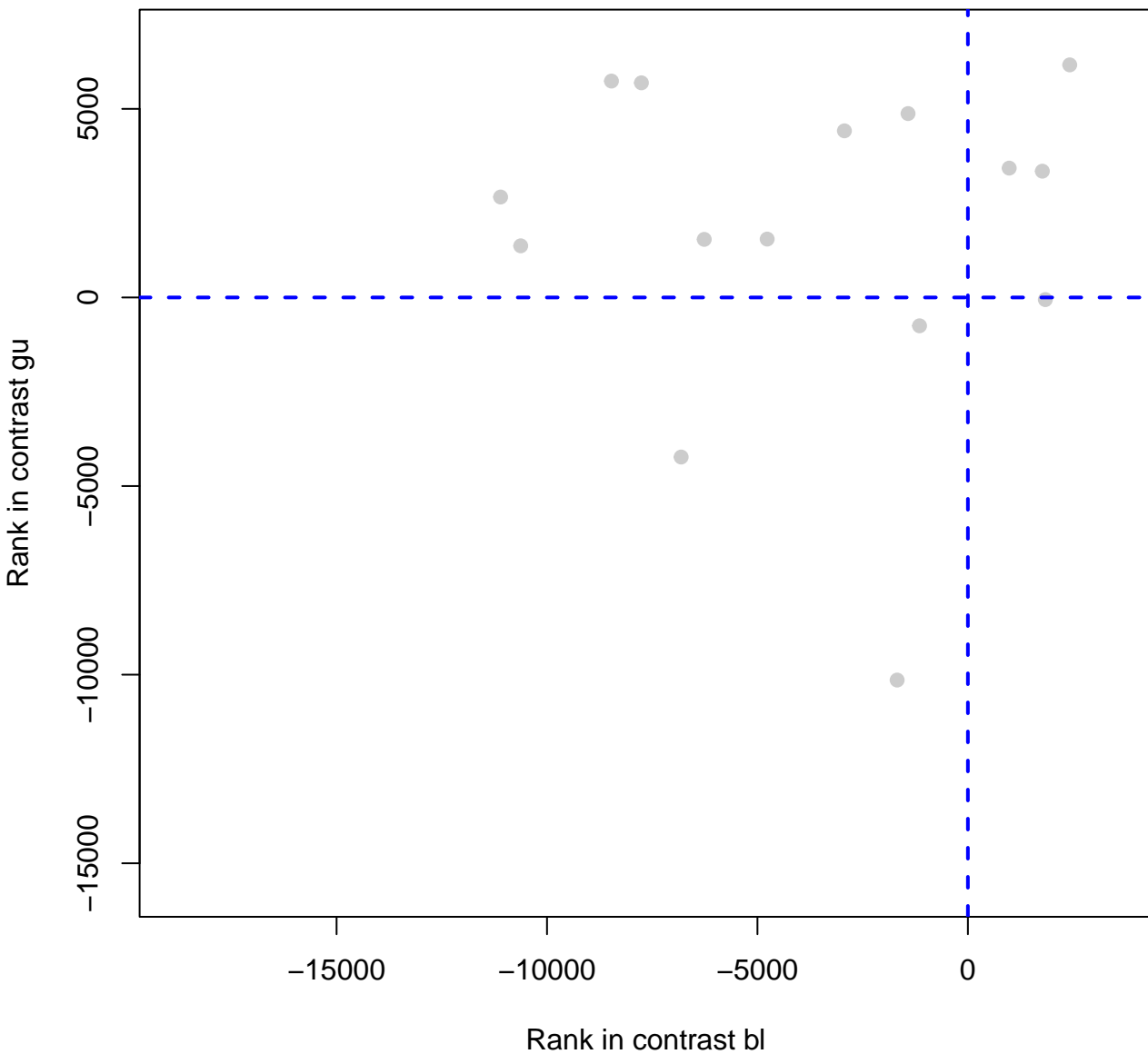
GOBP POSITIVE REGULATION OF PEPTIDYL



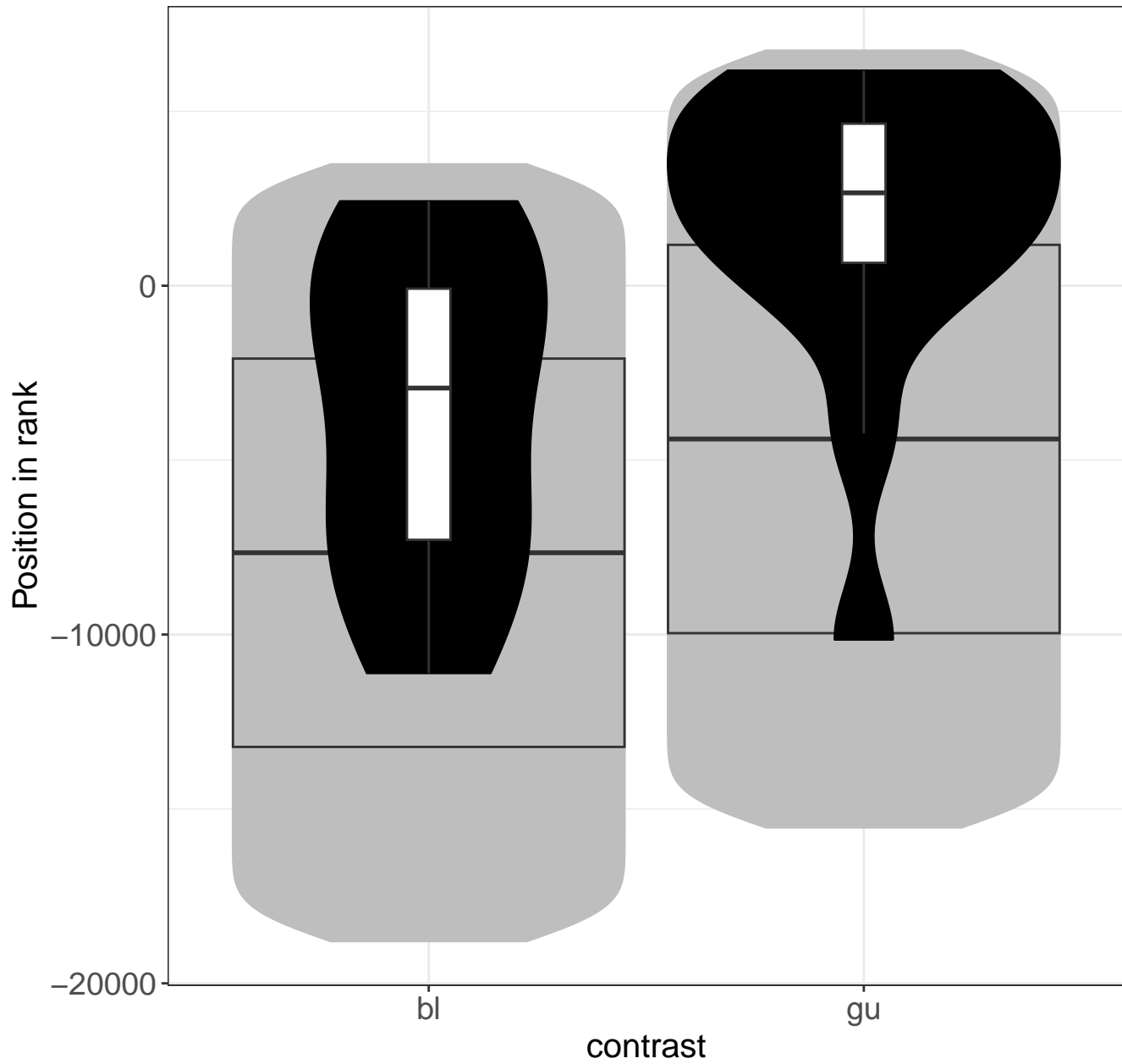
GOBP TRANSLATIONAL TERMINATION



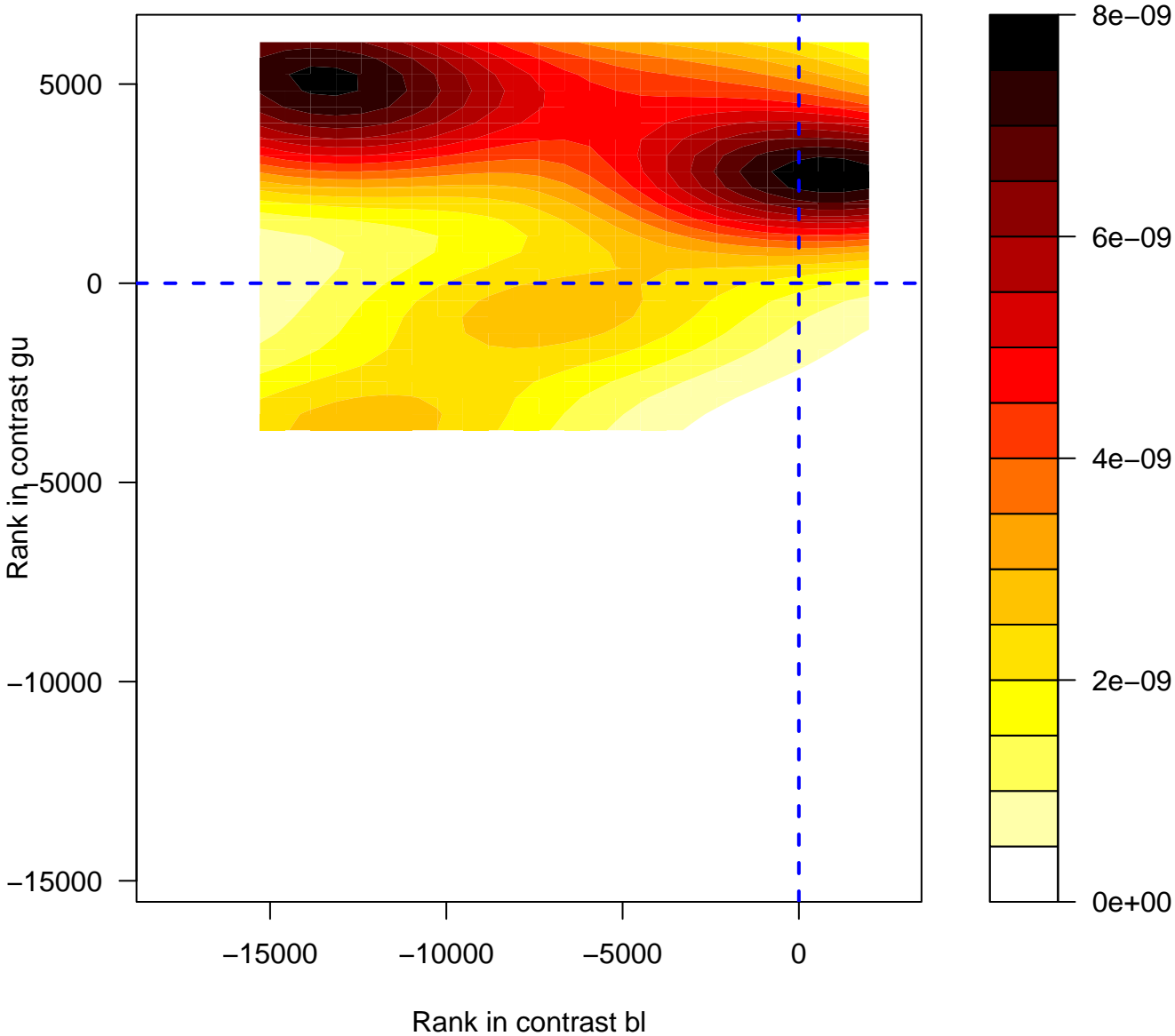
GOBP TRANSLATIONAL TERMINATION



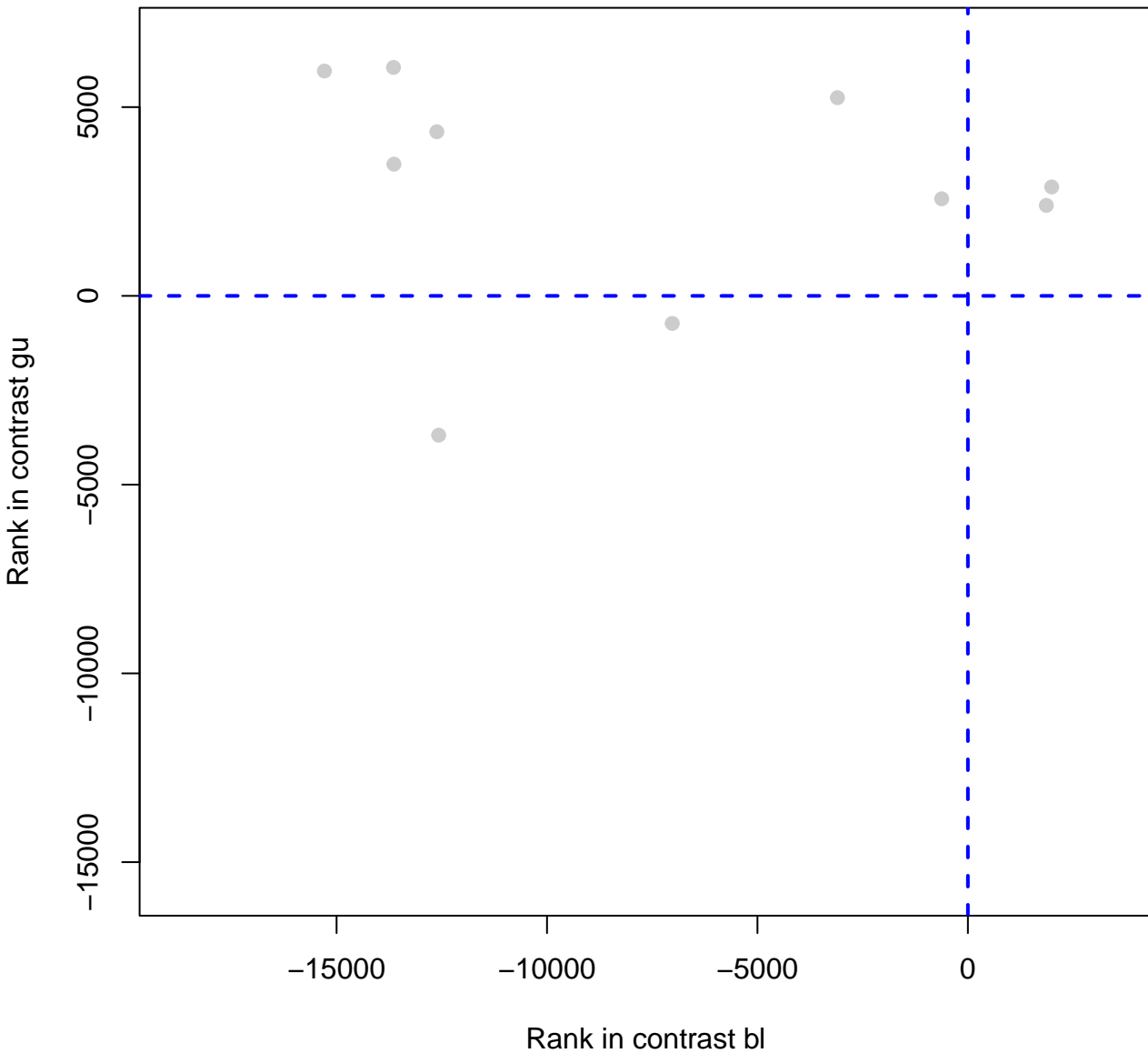
GOBP TRANSLATIONAL TERMINATION



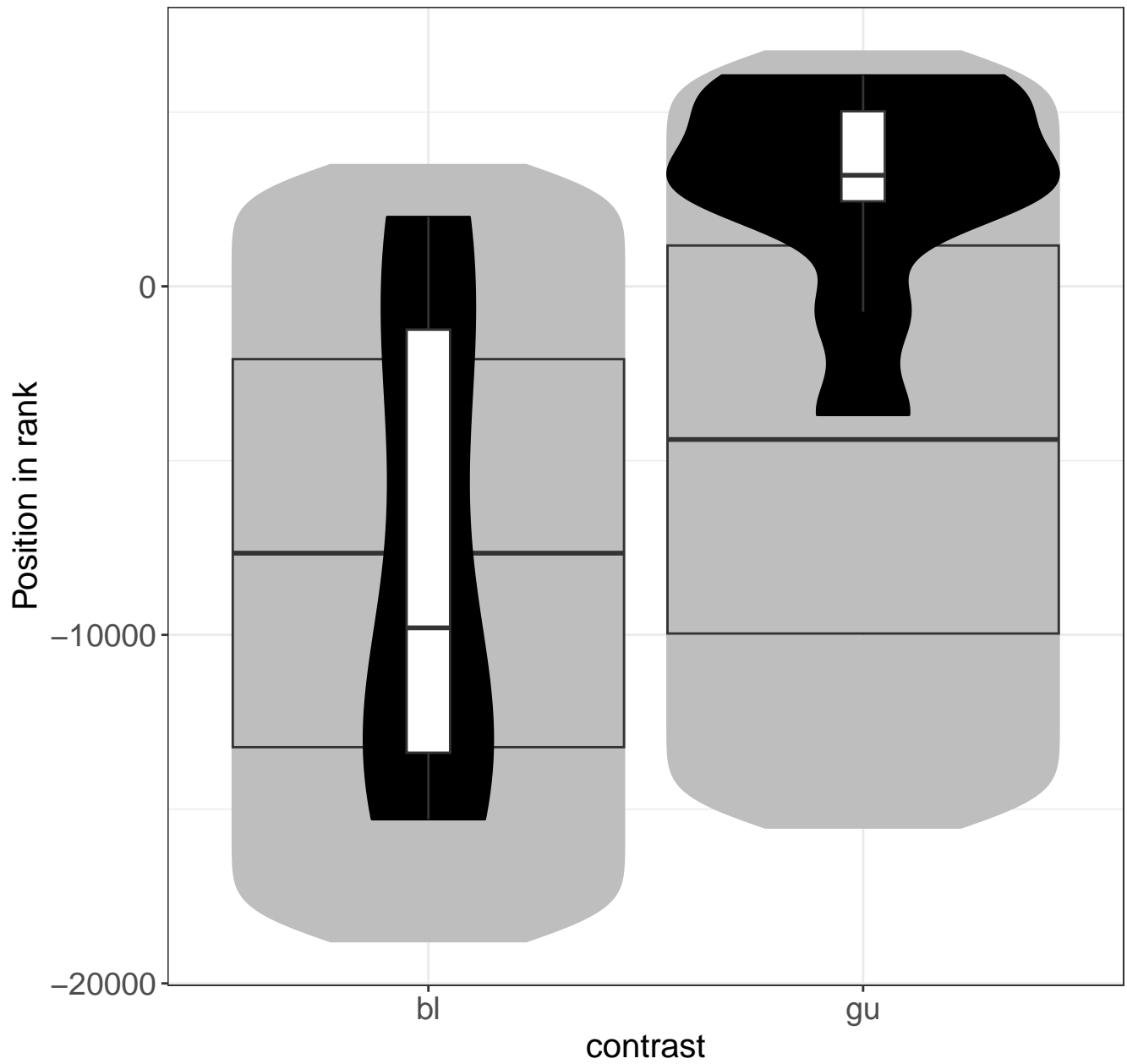
GOBP ROSTROCAUDAL NEURAL TUBE PATTERNING



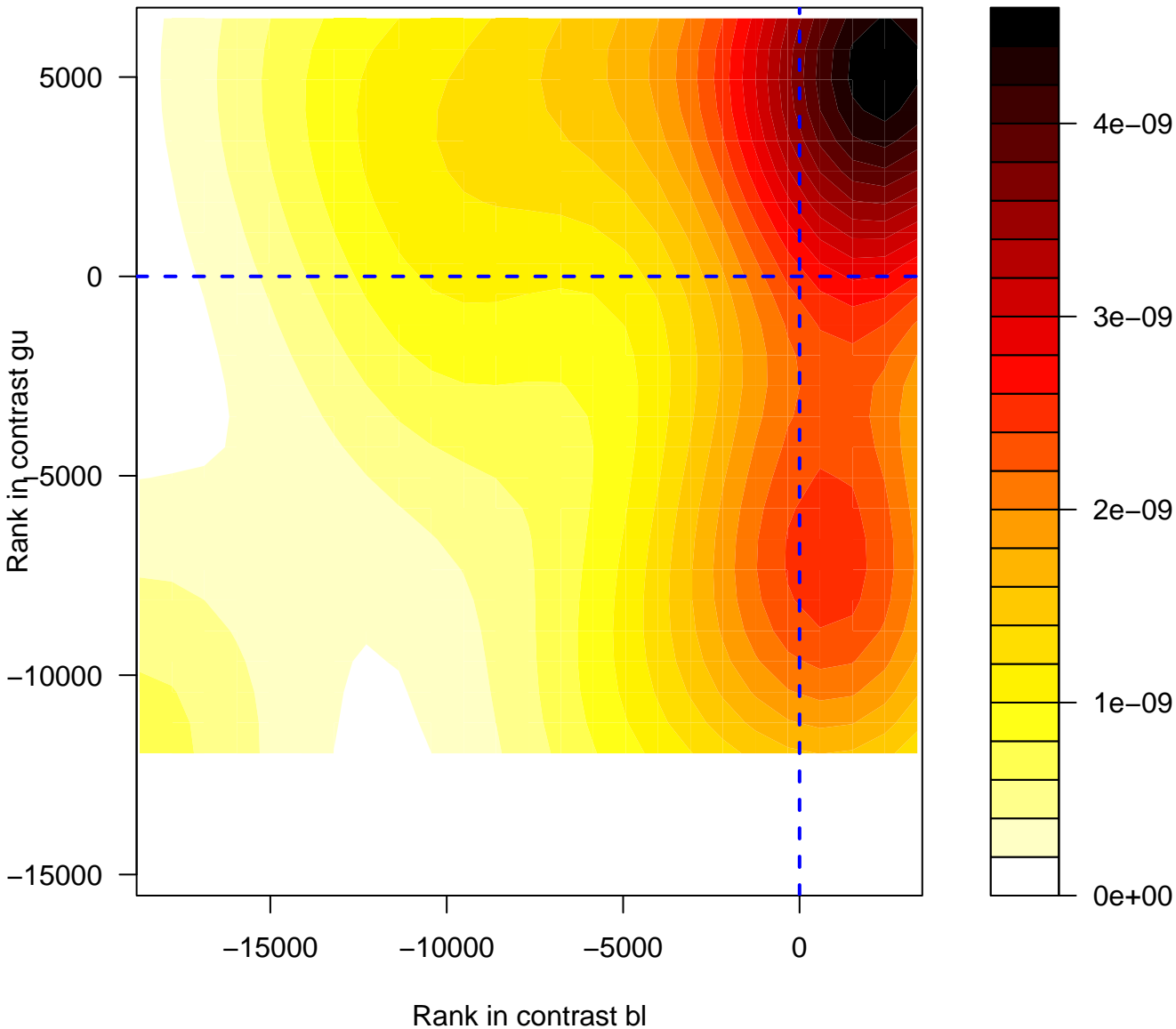
GOBP ROSTROCAUDAL NEURAL TUBE PATTERNING



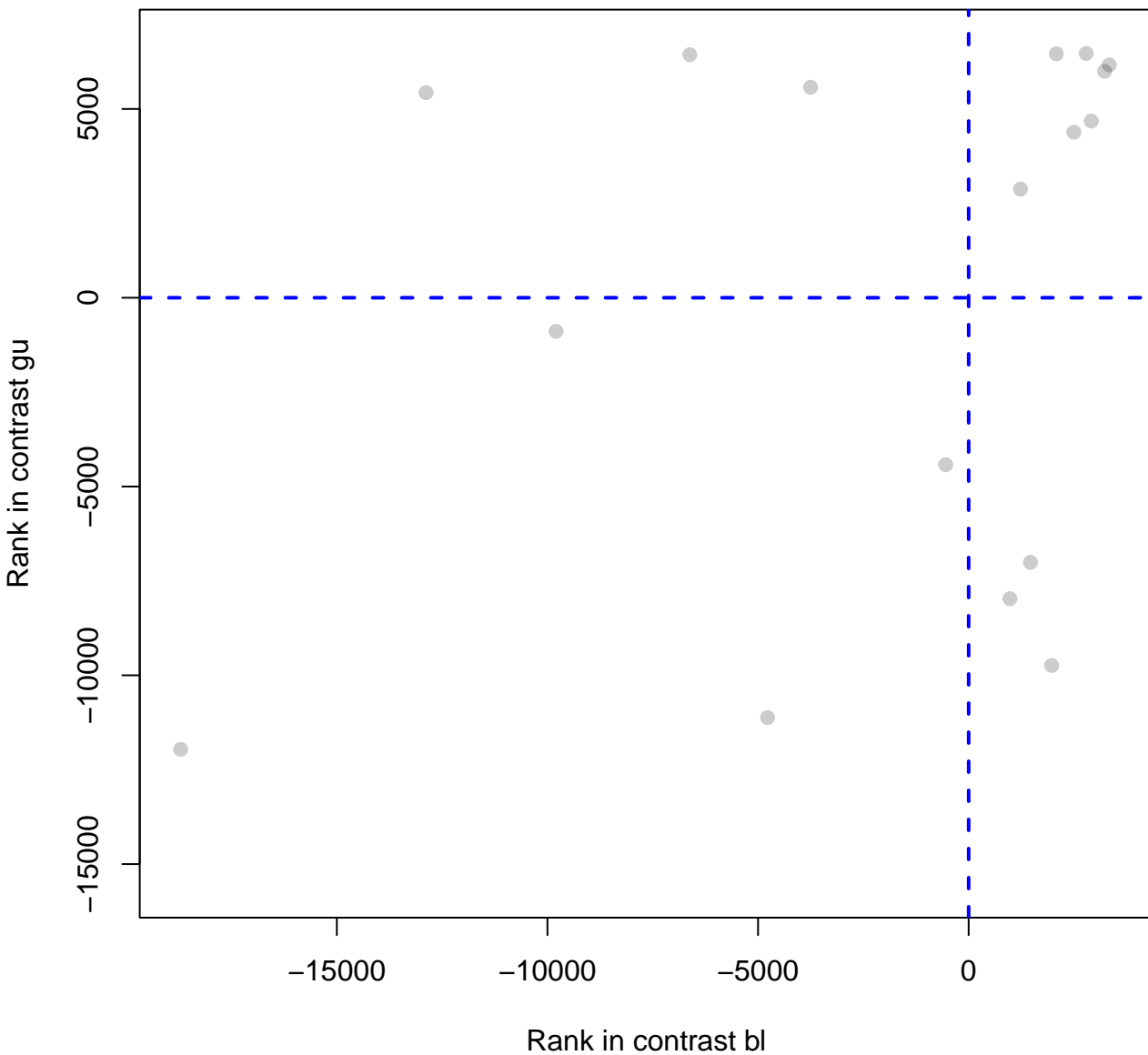
GOBP ROSTROCAUDAL NEURAL TUBE PATTE



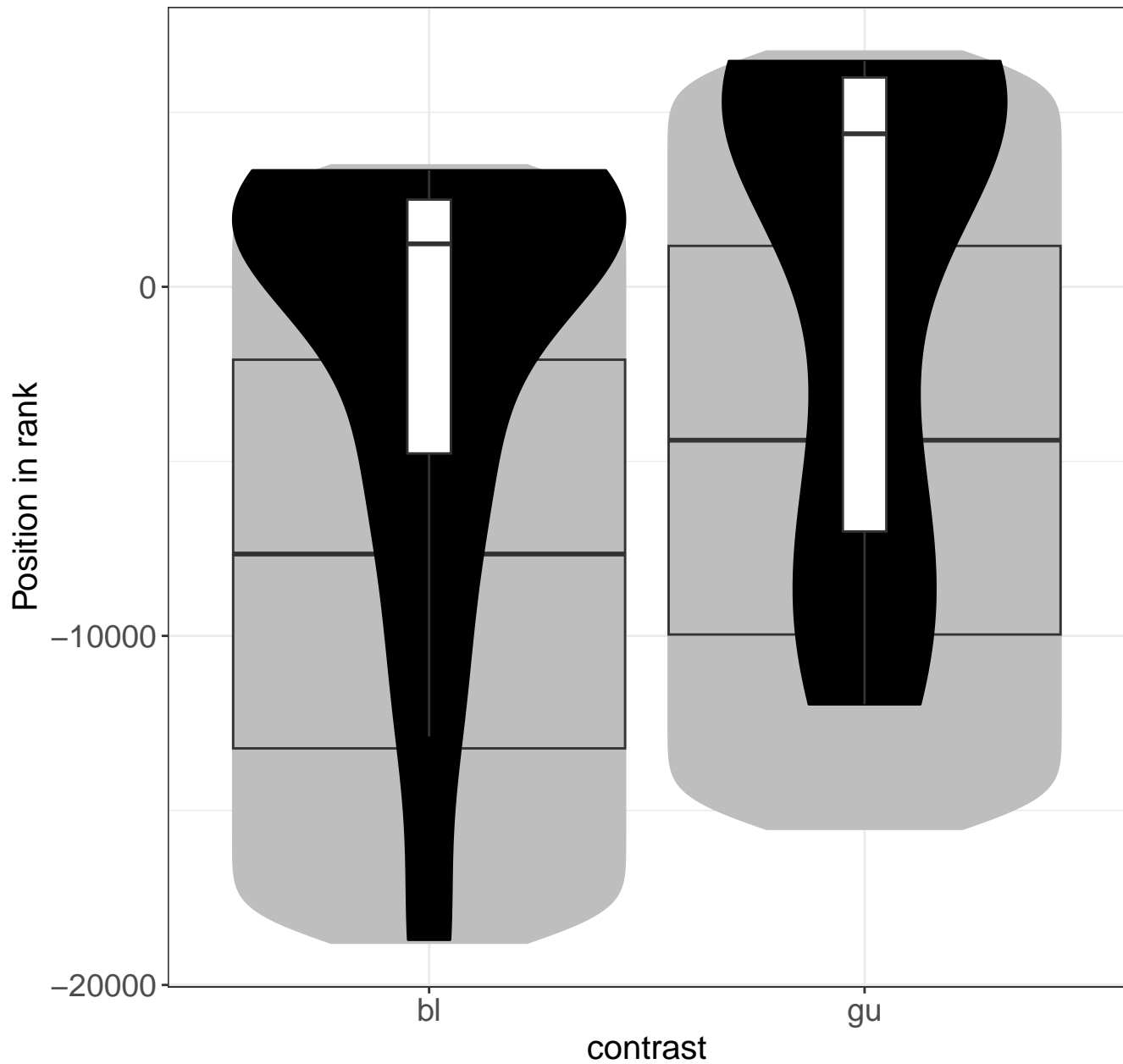
GOCC CHROMOSOME CENTROMERIC CORE DOMAIN



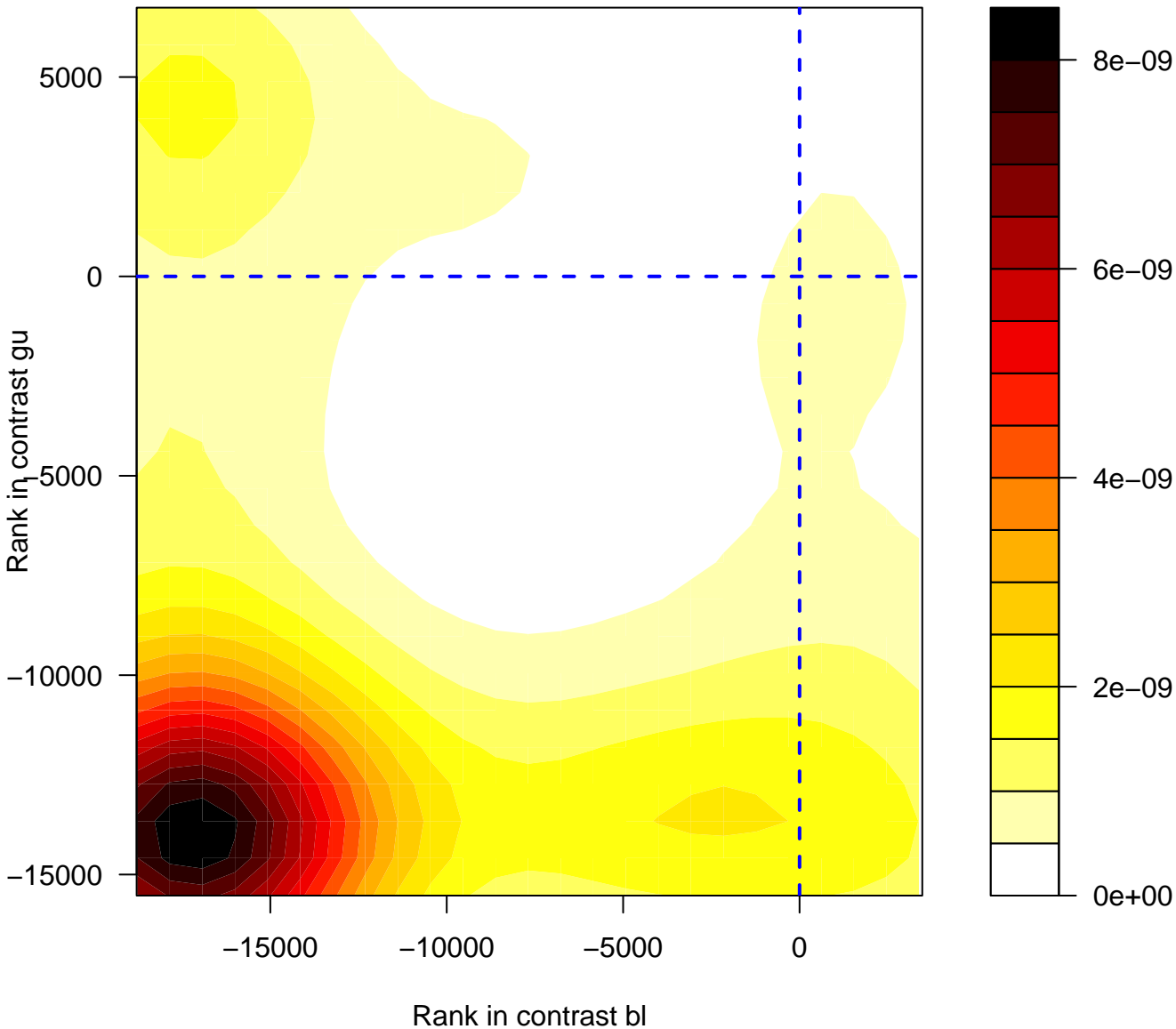
GOCC CHROMOSOME CENTROMERIC CORE DOMAIN



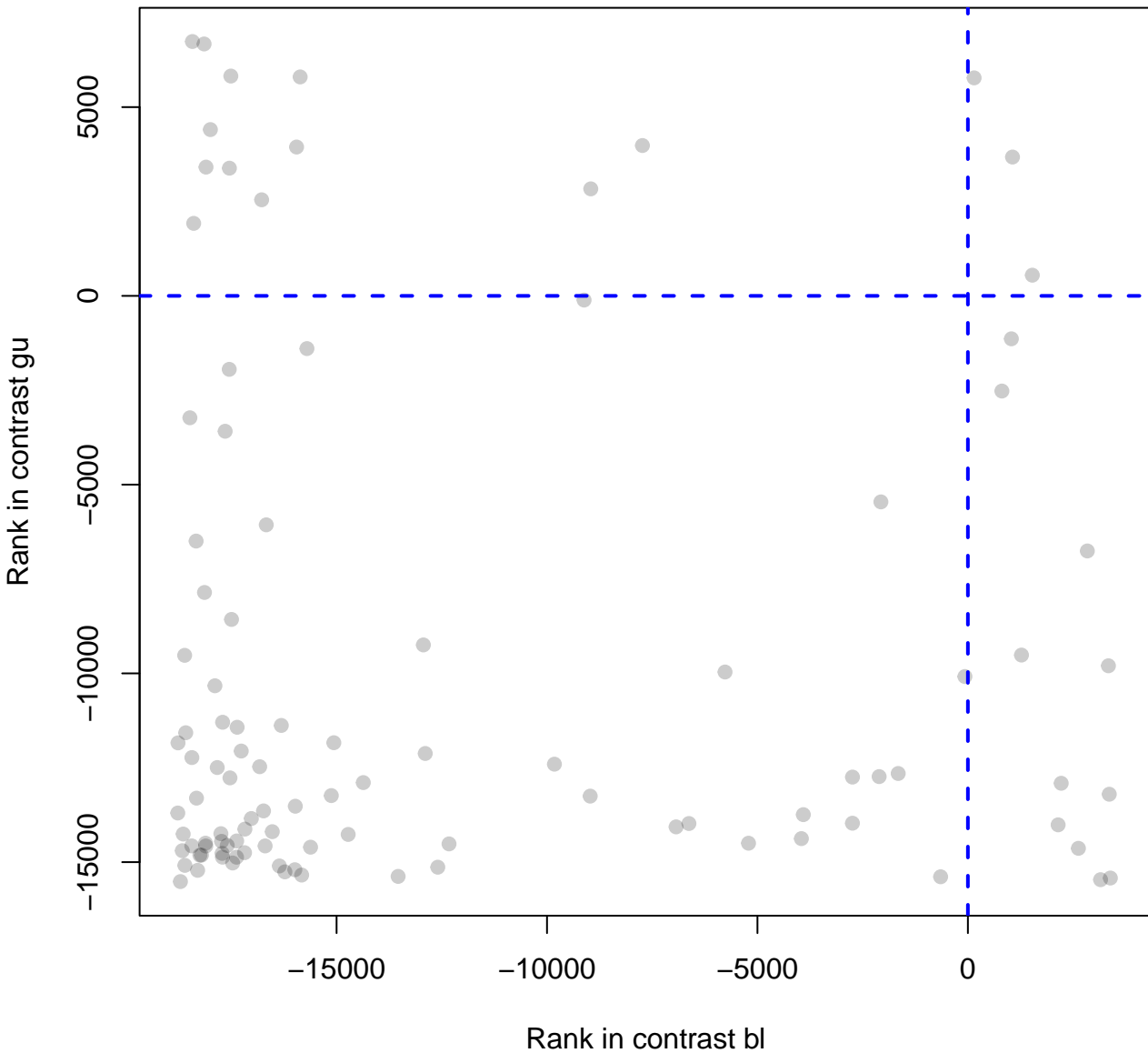
GOCC CHROMOSOME CENTROMERIC CORE



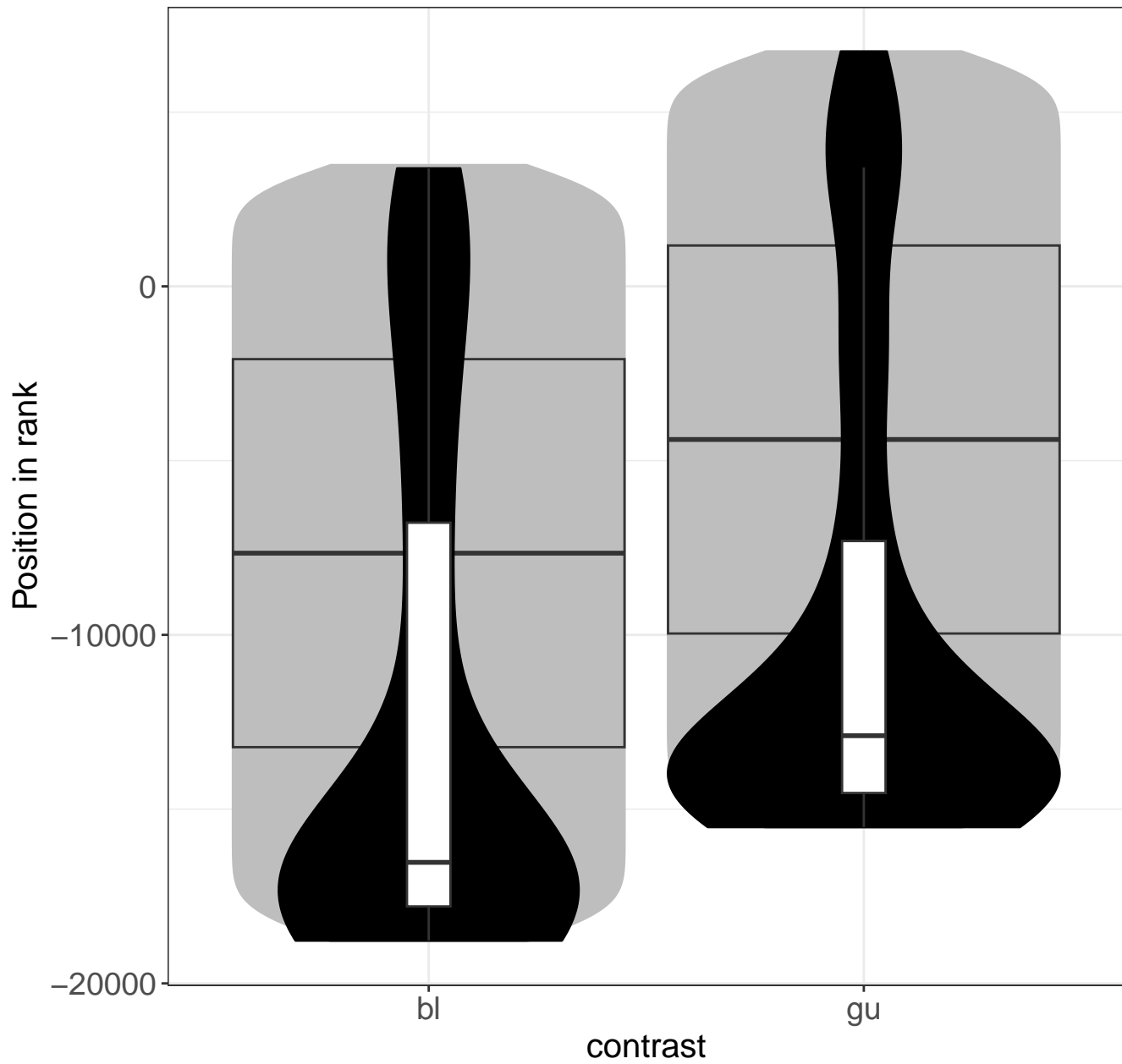
GOMF ODORANT BINDING



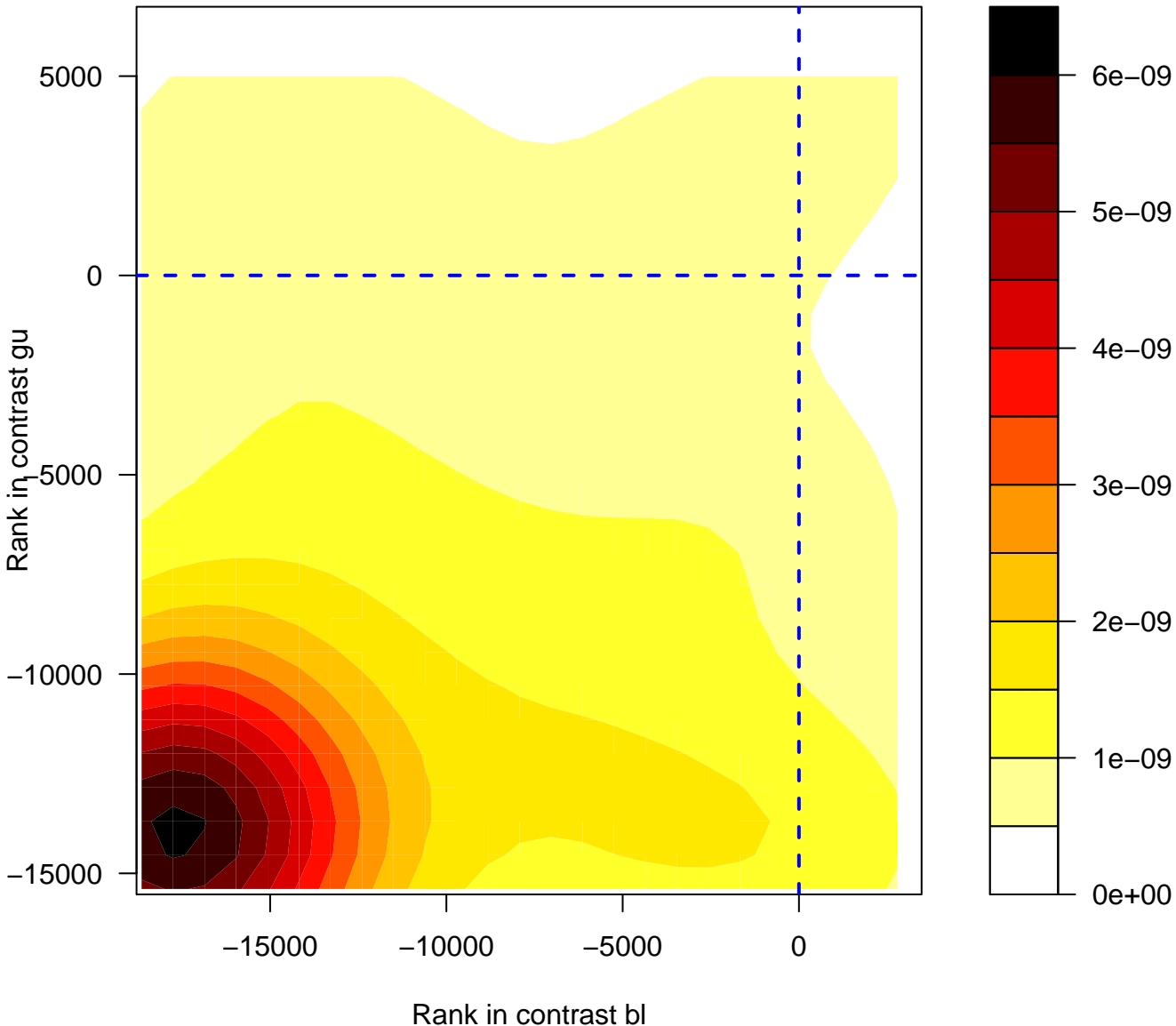
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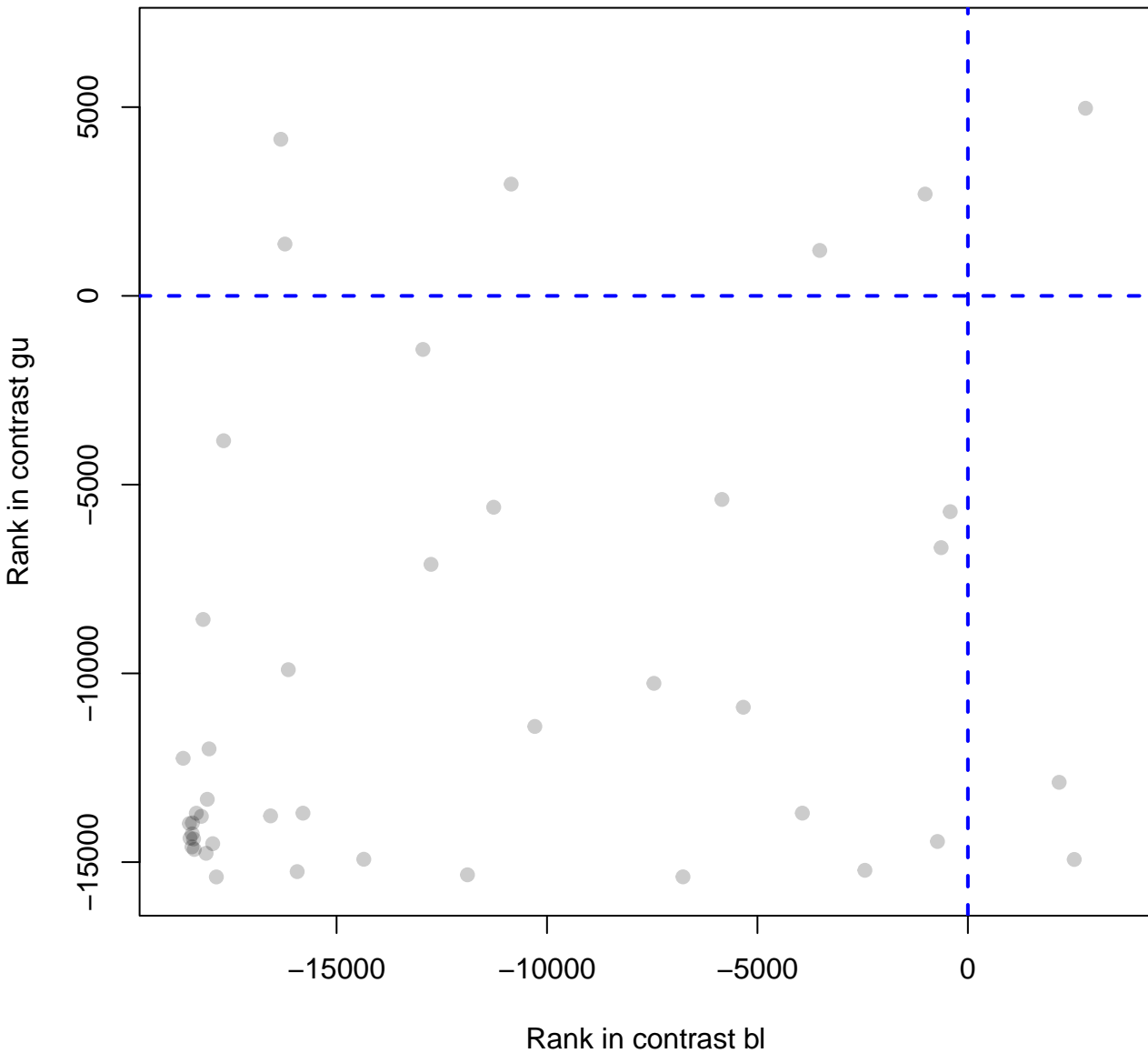
GOMF ODORANT BINDING



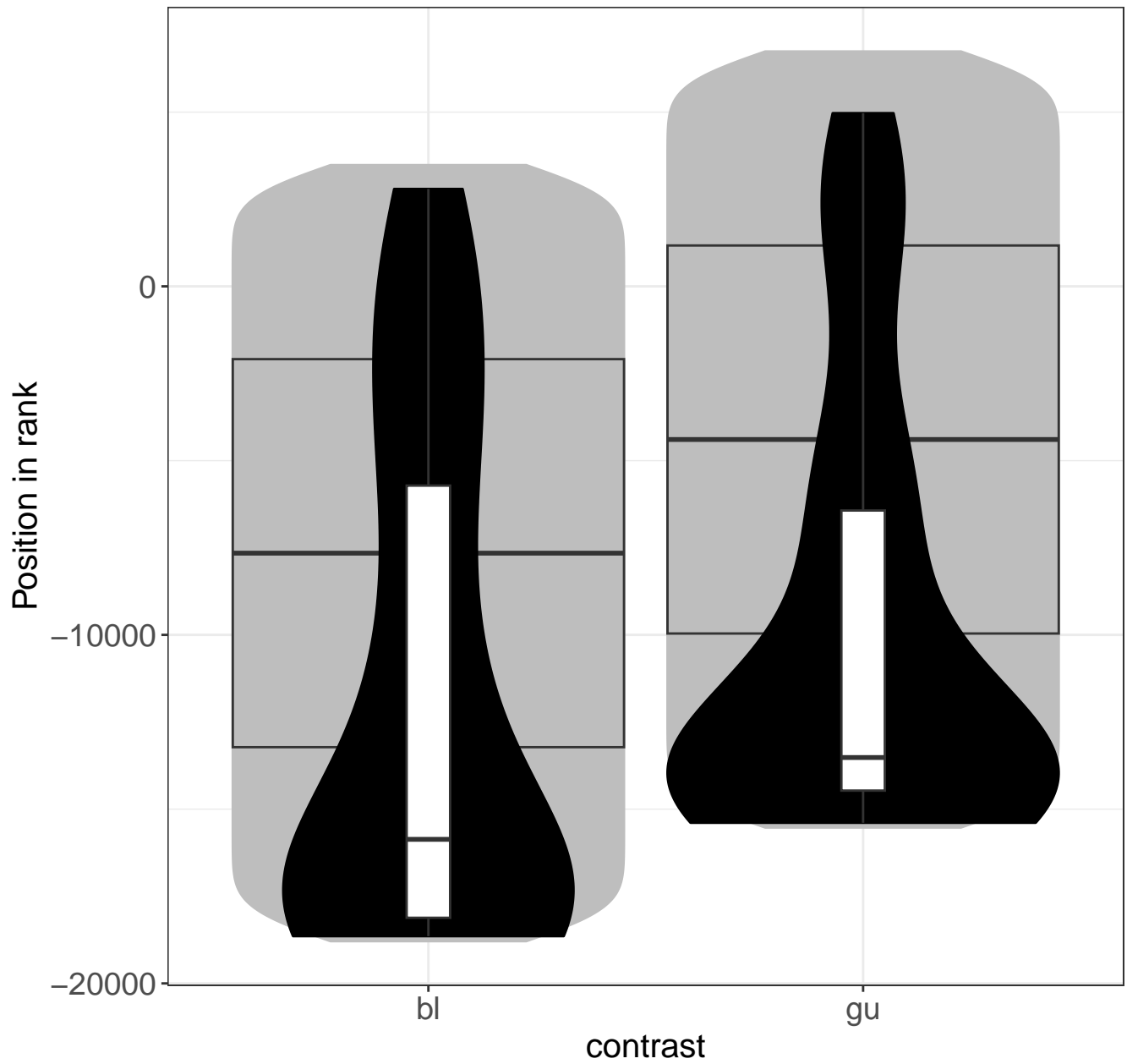
GOBP SENSORY PERCEPTION OF BITTER TASTE



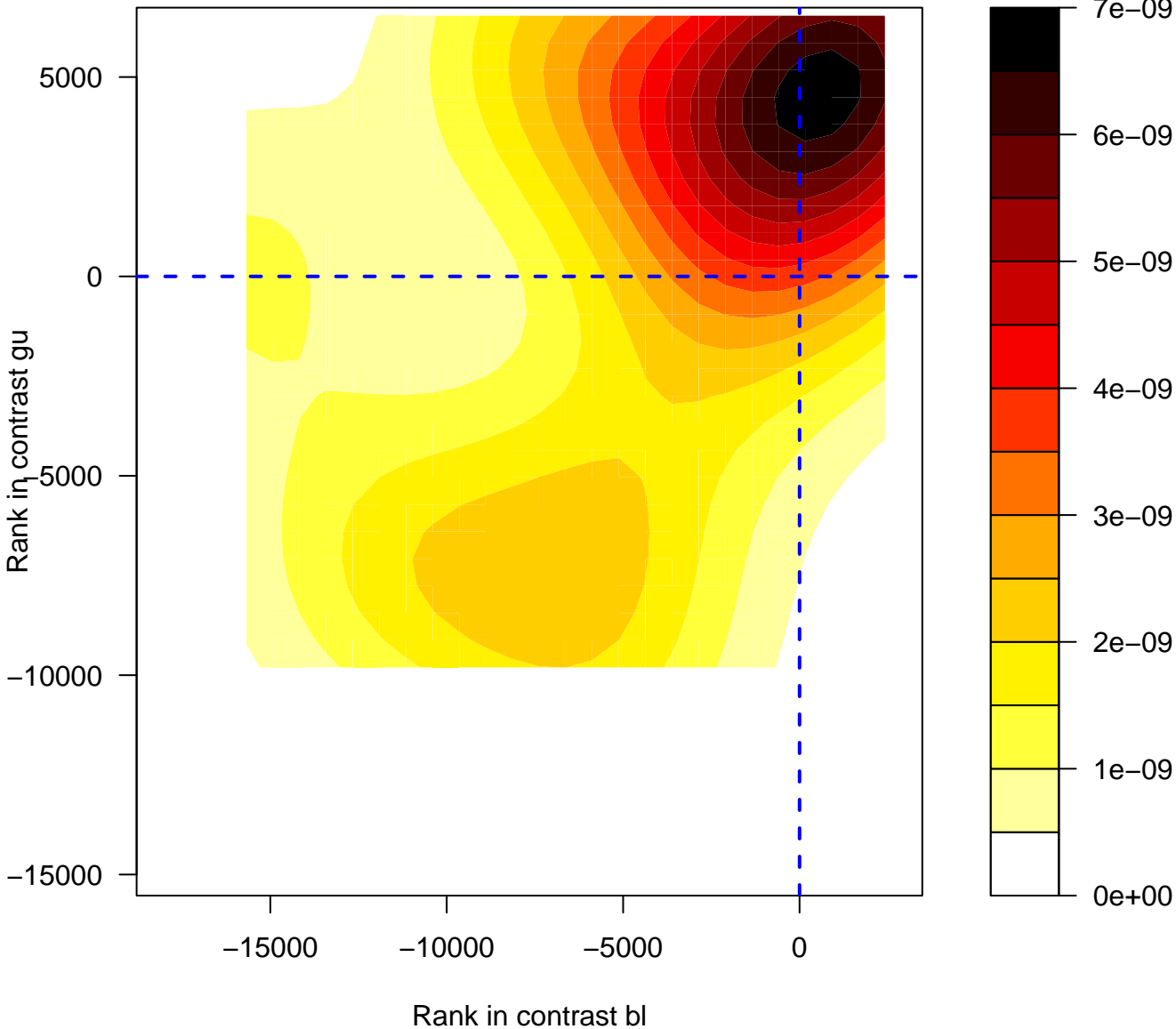
GOBP SENSORY PERCEPTION OF BITTER TASTE



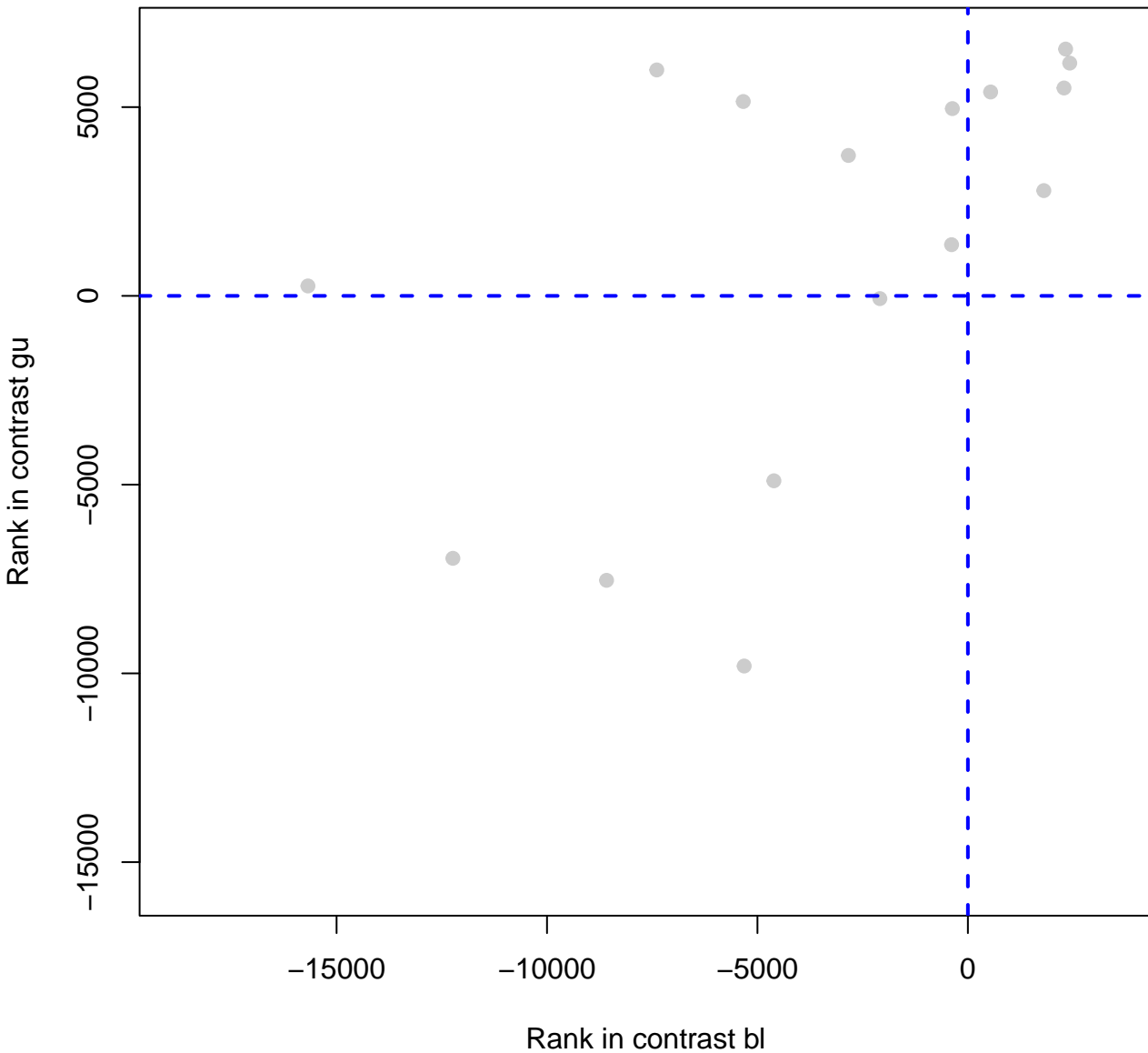
GOBP SENSORY PERCEPTION OF BITTER TA



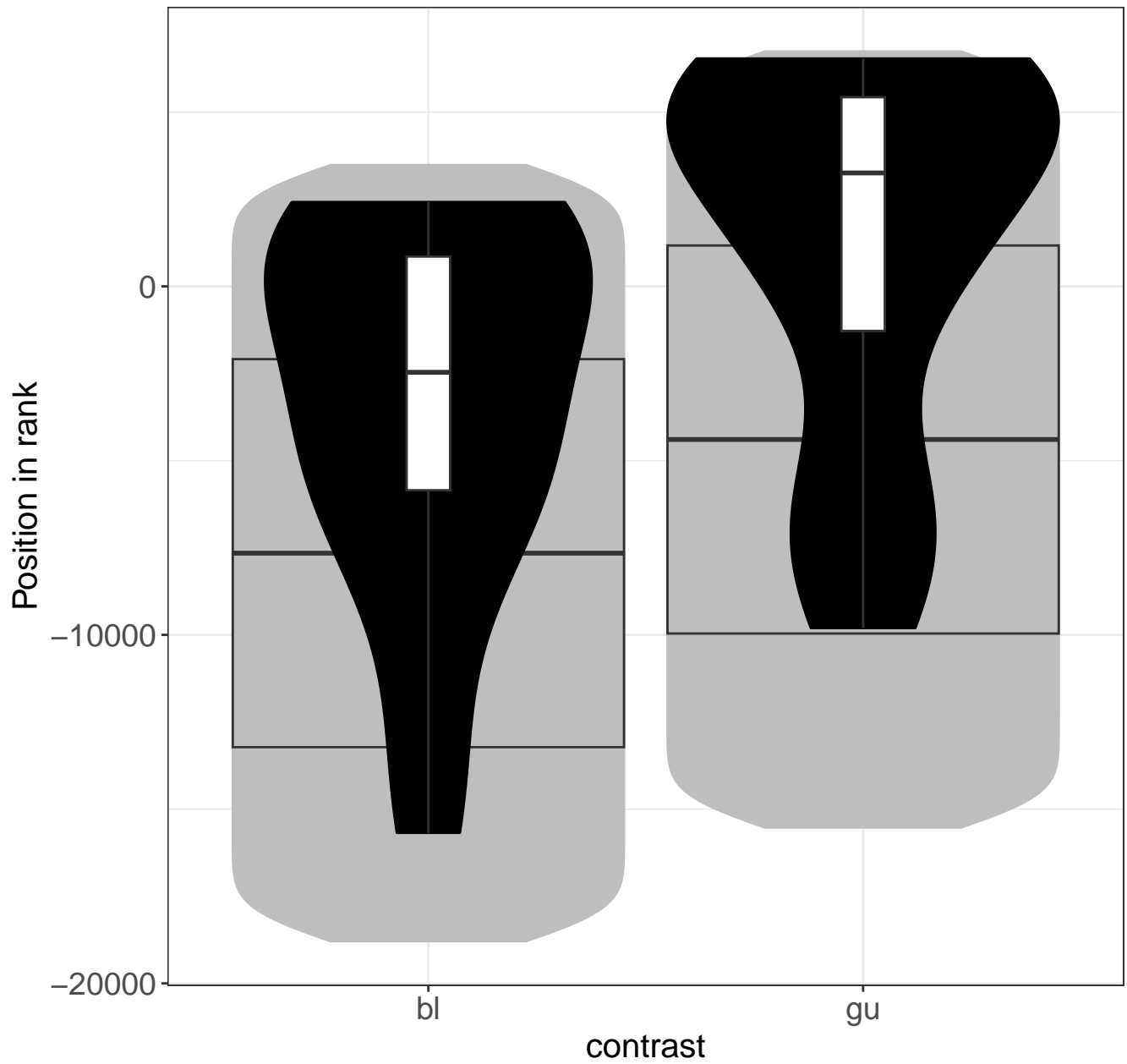
GOMF RIBOSOMAL SMALL SUBUNIT BINDING



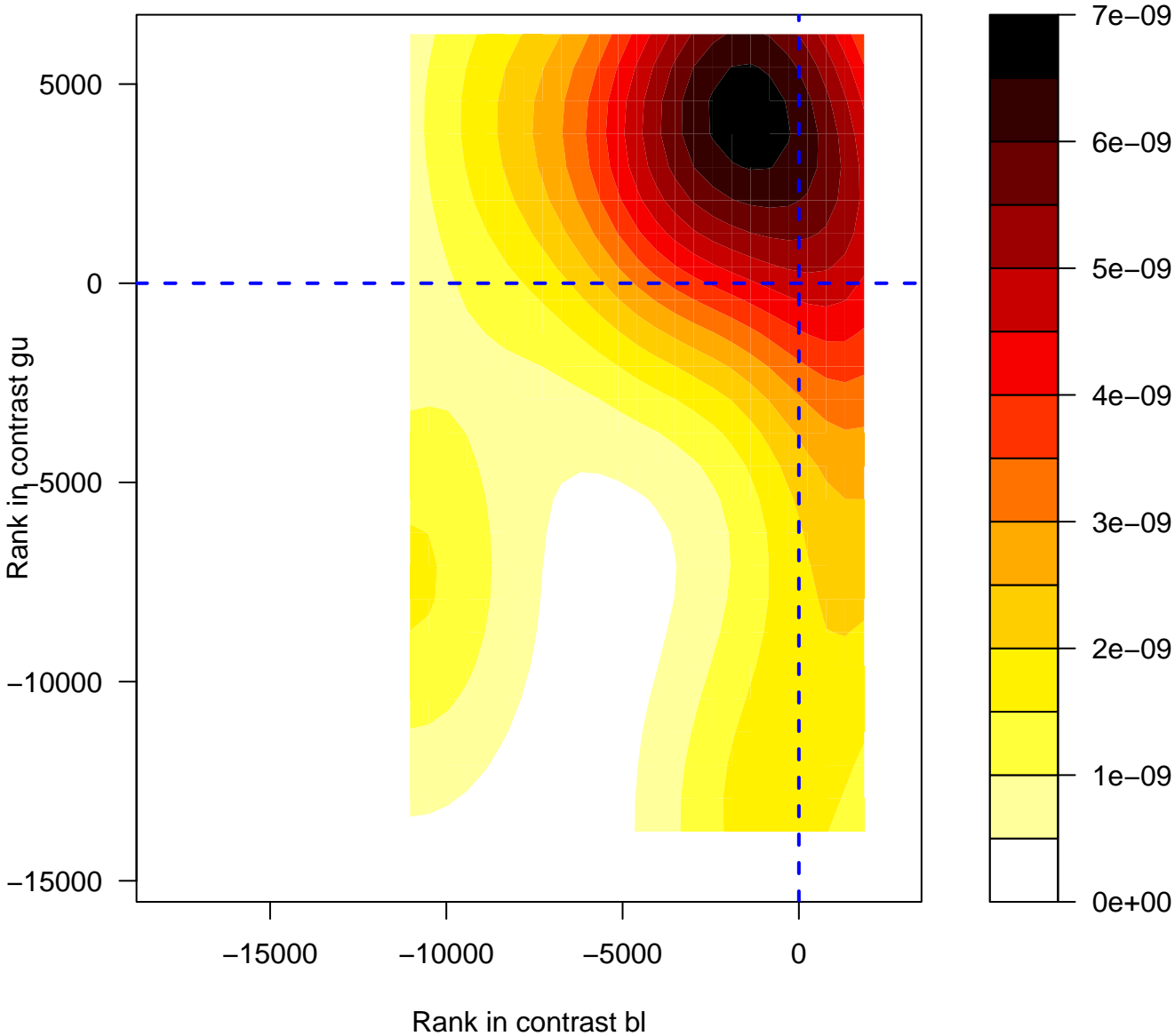
GOMF RIBOSOMAL SMALL SUBUNIT BINDING



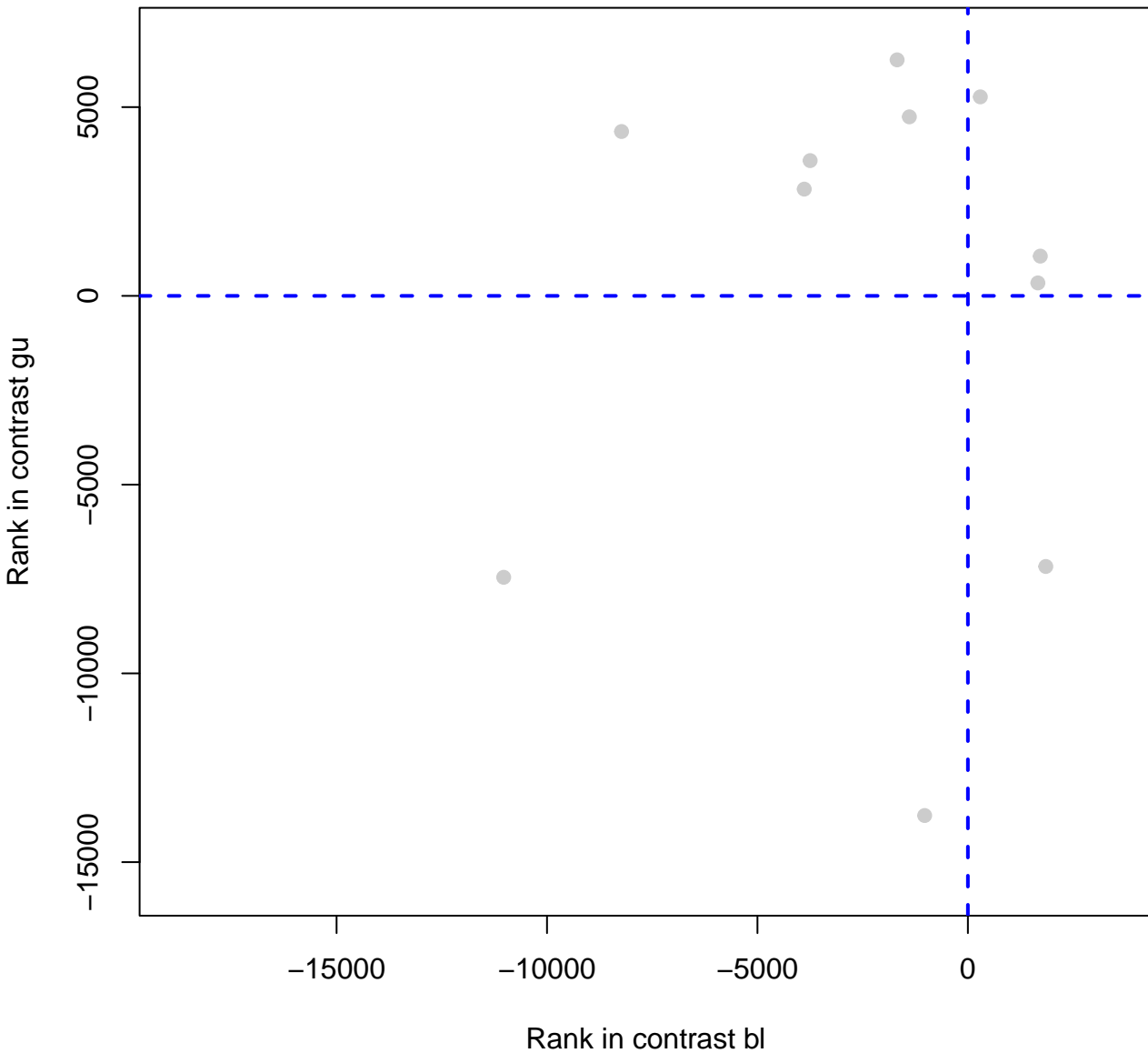
GOMF RIBOSOMAL SMALL SUBUNIT BINDING



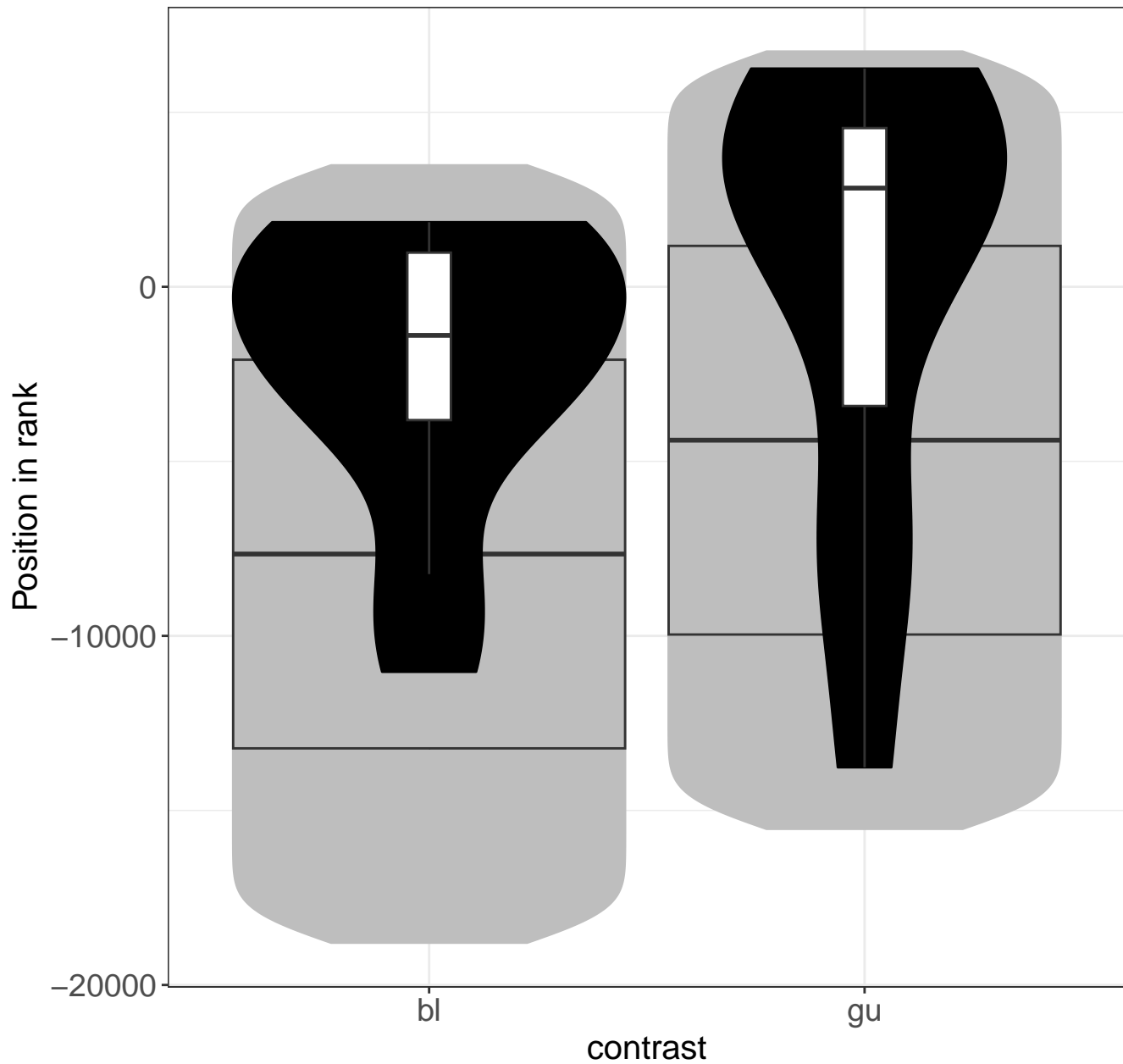
GOCC MITOCHONDRIAL RESPIRATORY CHAIN COMPLE



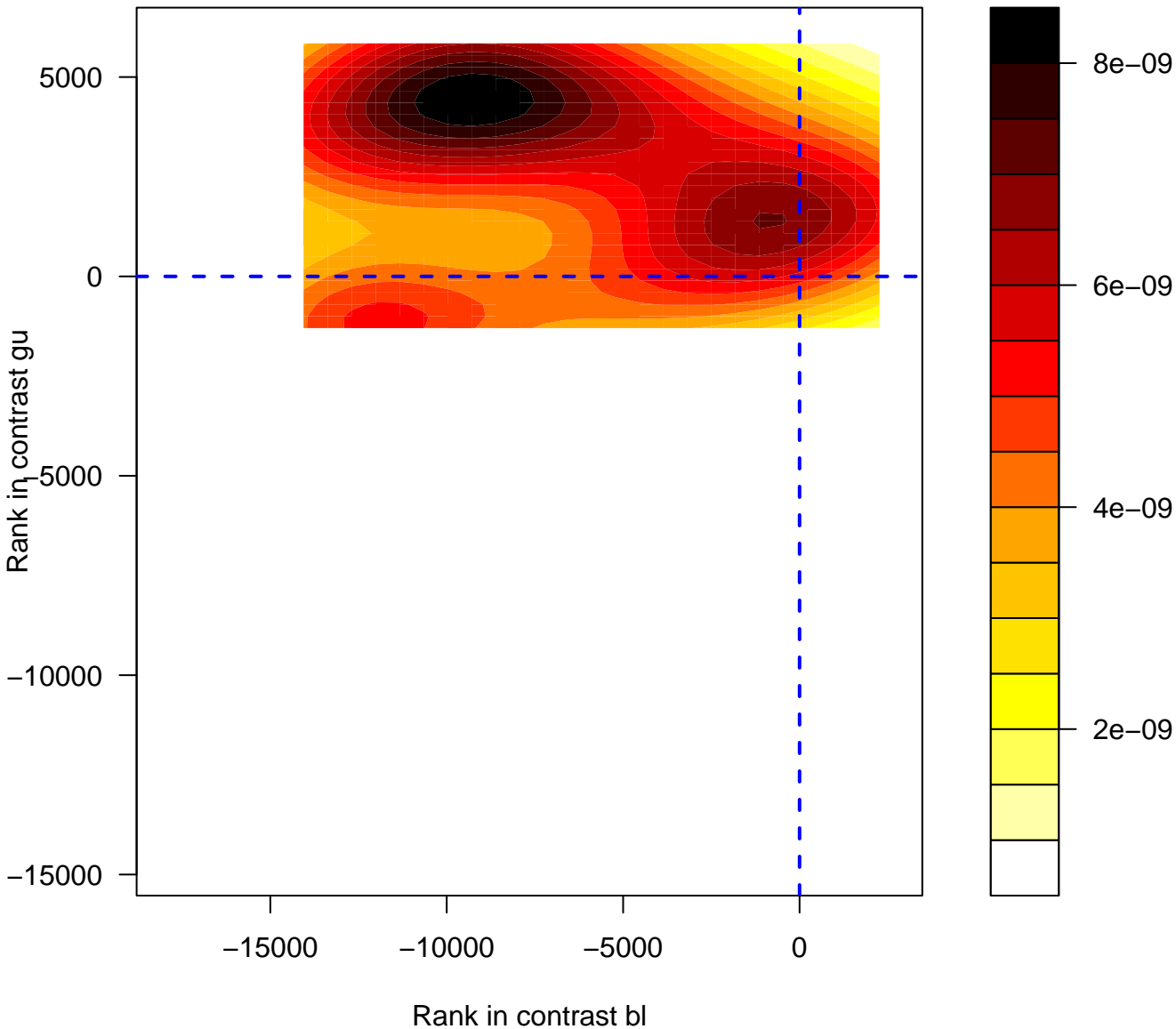
GOCC MITOCHONDRIAL RESPIRATORY CHAIN COMPLEX III



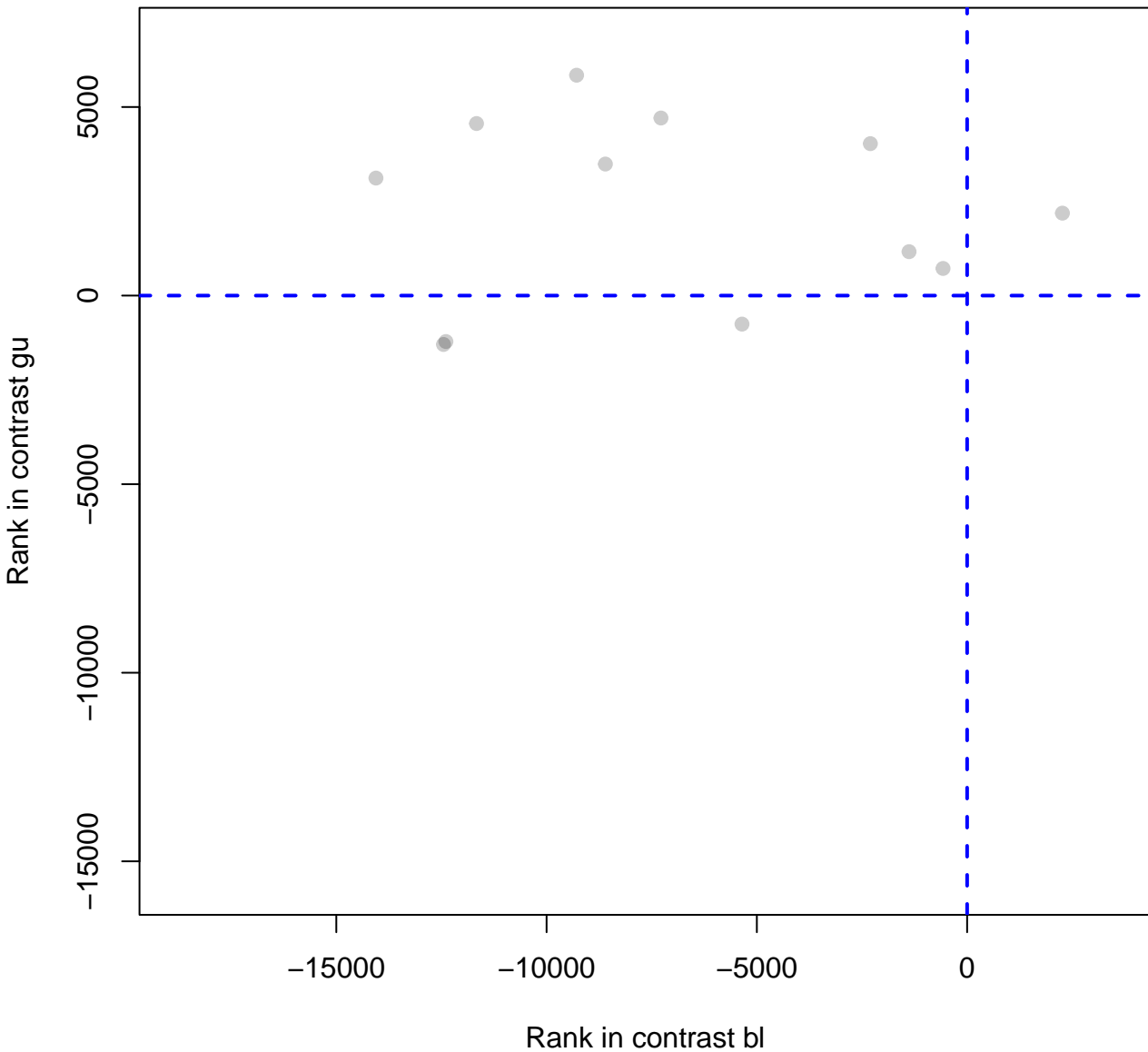
GOCC MITOCHONDRIAL RESPIRATORY CHAIN



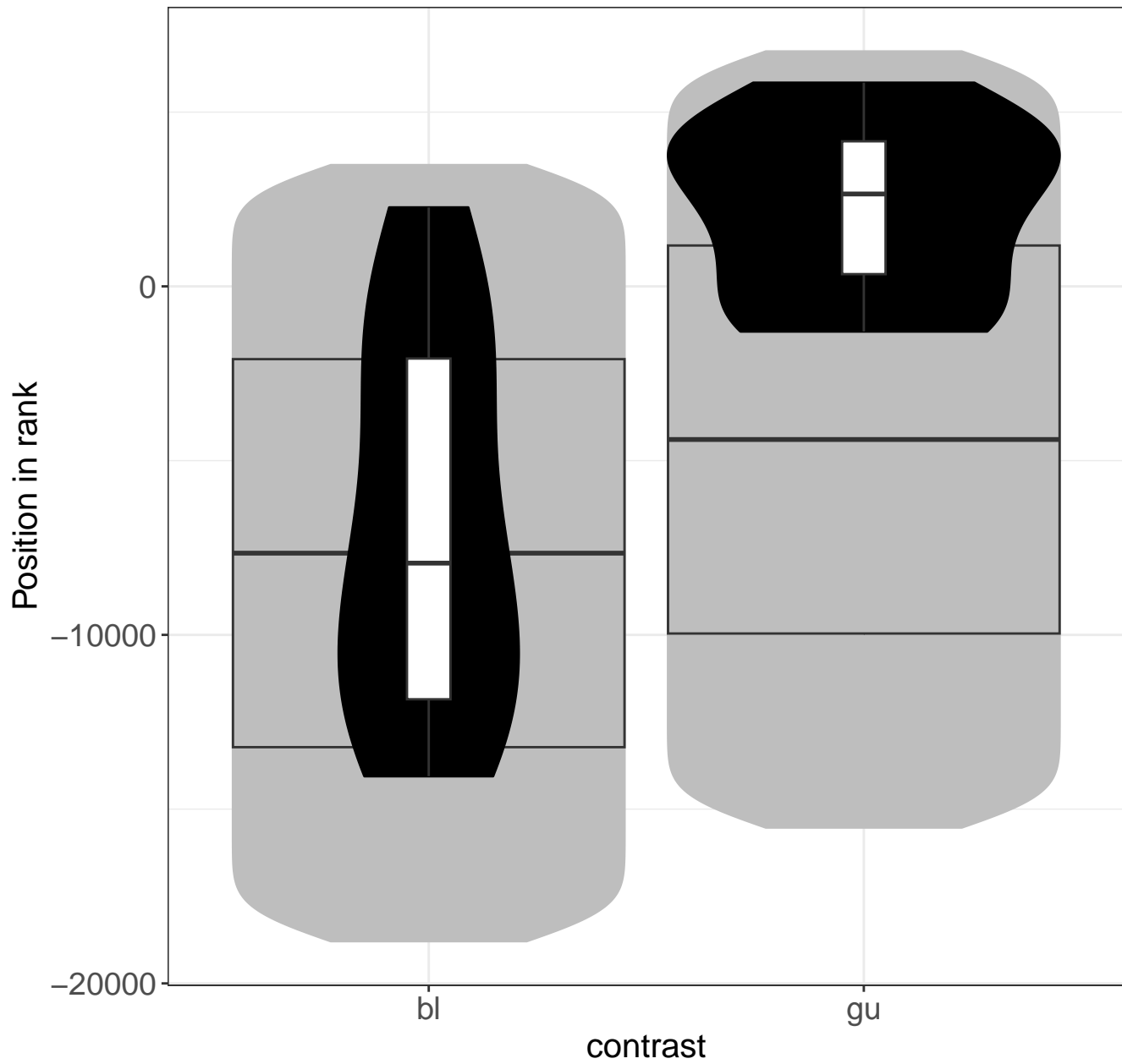
DBP PTERIDINE CONTAINING COMPOUND BIOSYNTHETIC P



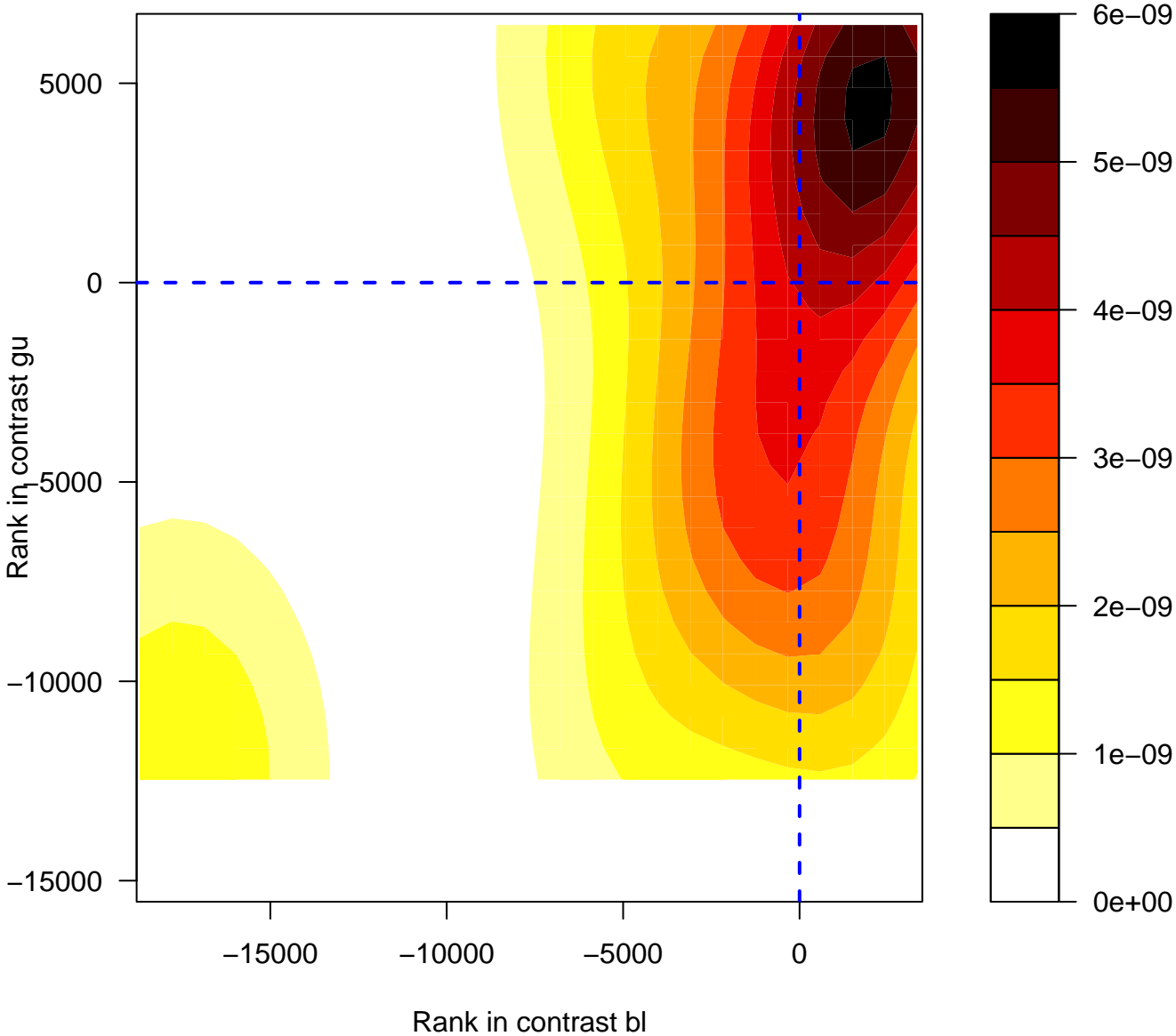
GOBP PTERIDINE CONTAINING COMPOUND BIOSYNTHETIC PROCESS



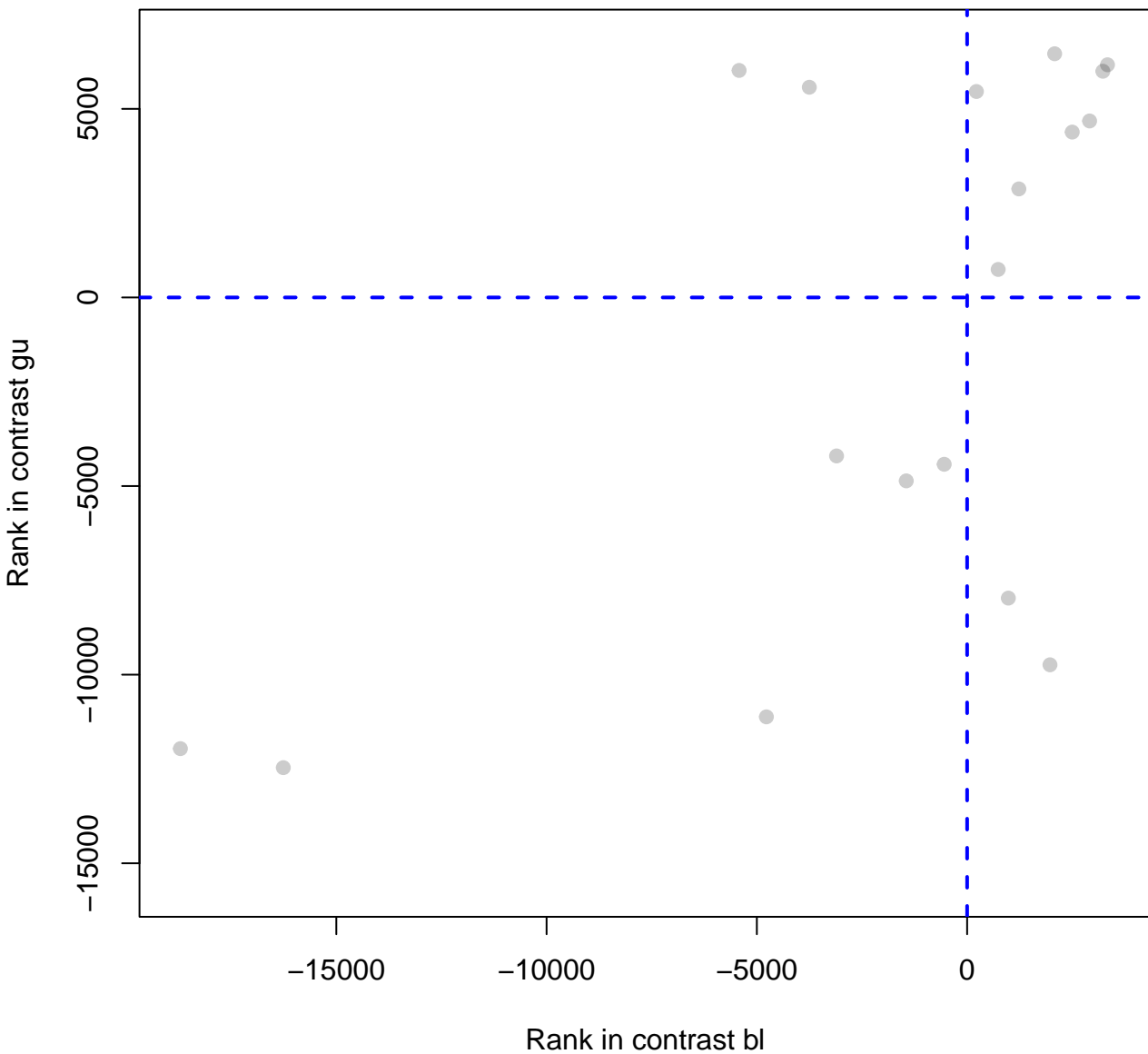
GOBP PTERIDINE CONTAINING COMPOUND



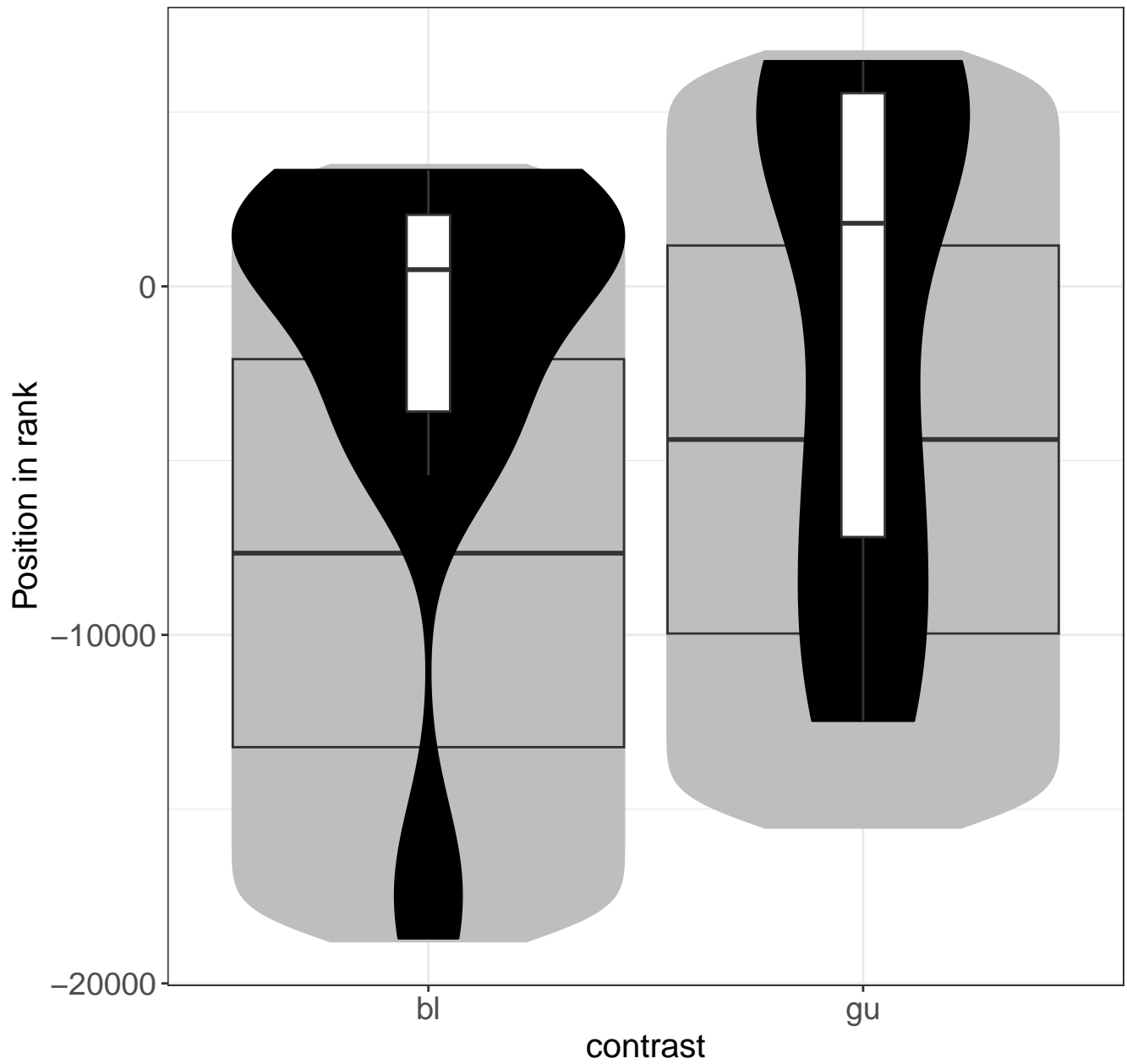
BP NEGATIVE REGULATION OF MEGAKARYOCYTE DIFFERE



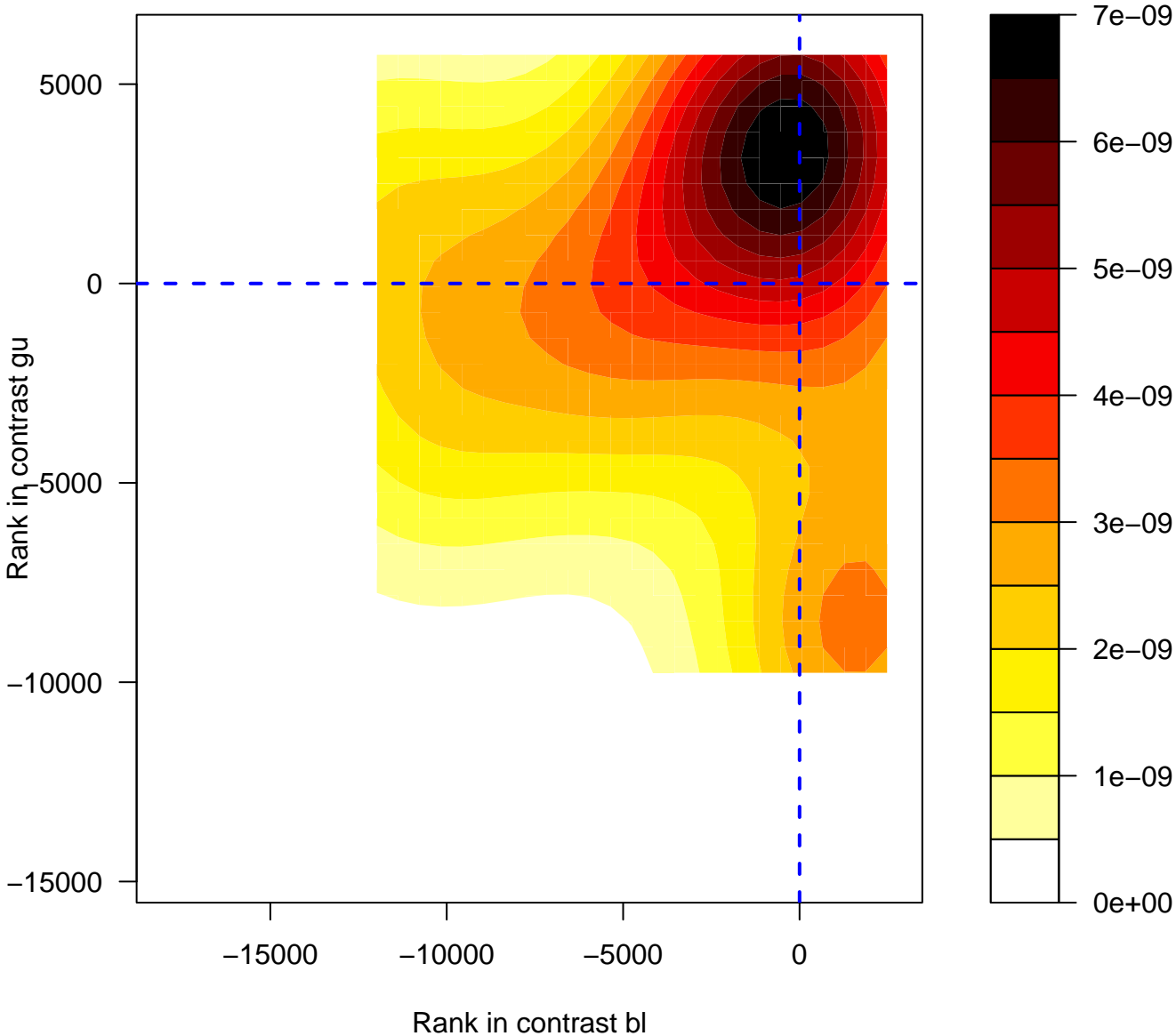
GOBP NEGATIVE REGULATION OF MEGAKARYOCYTE DIFFERENTIATIO



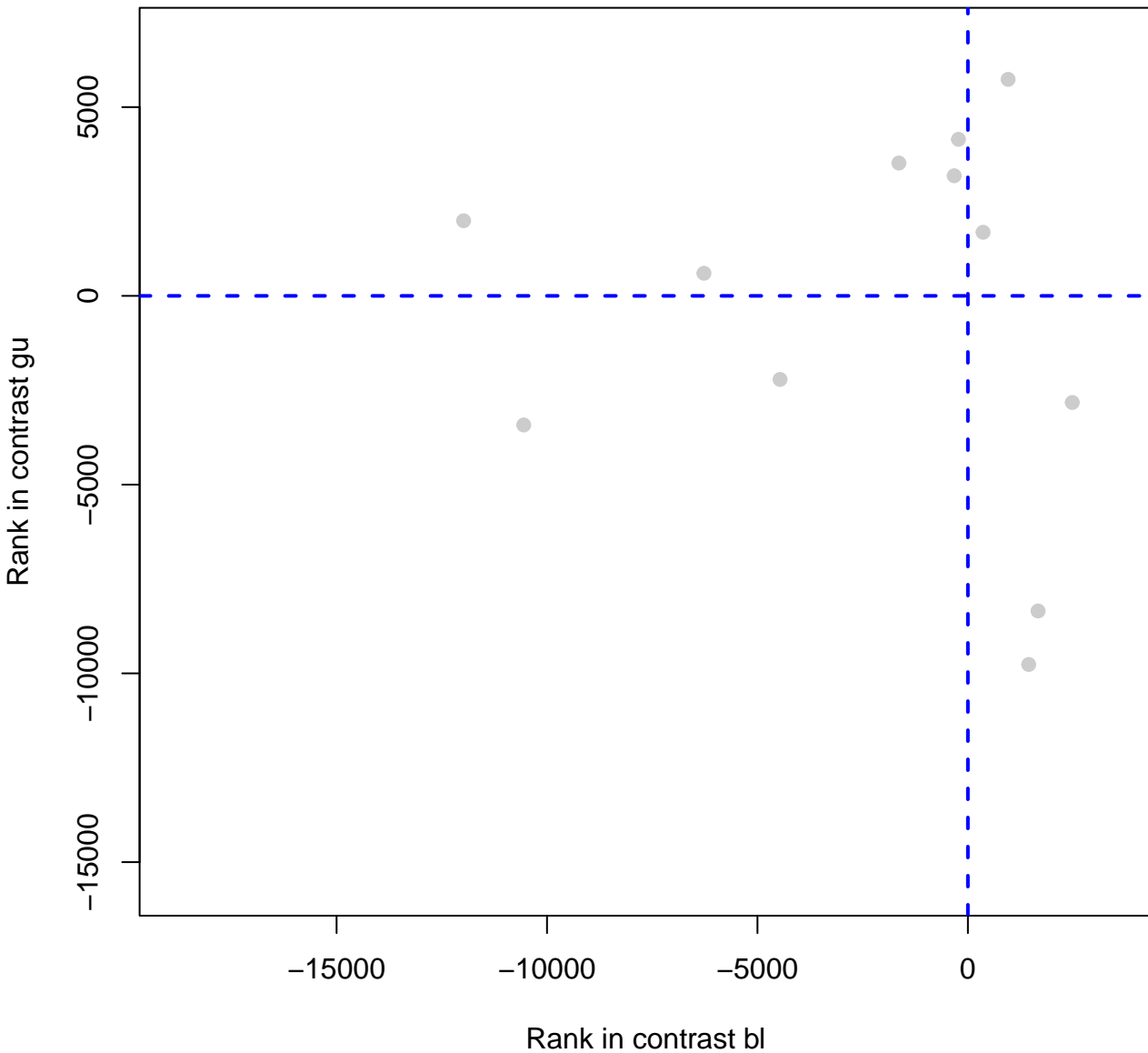
GOBP NEGATIVE REGULATION OF MEGAKAR



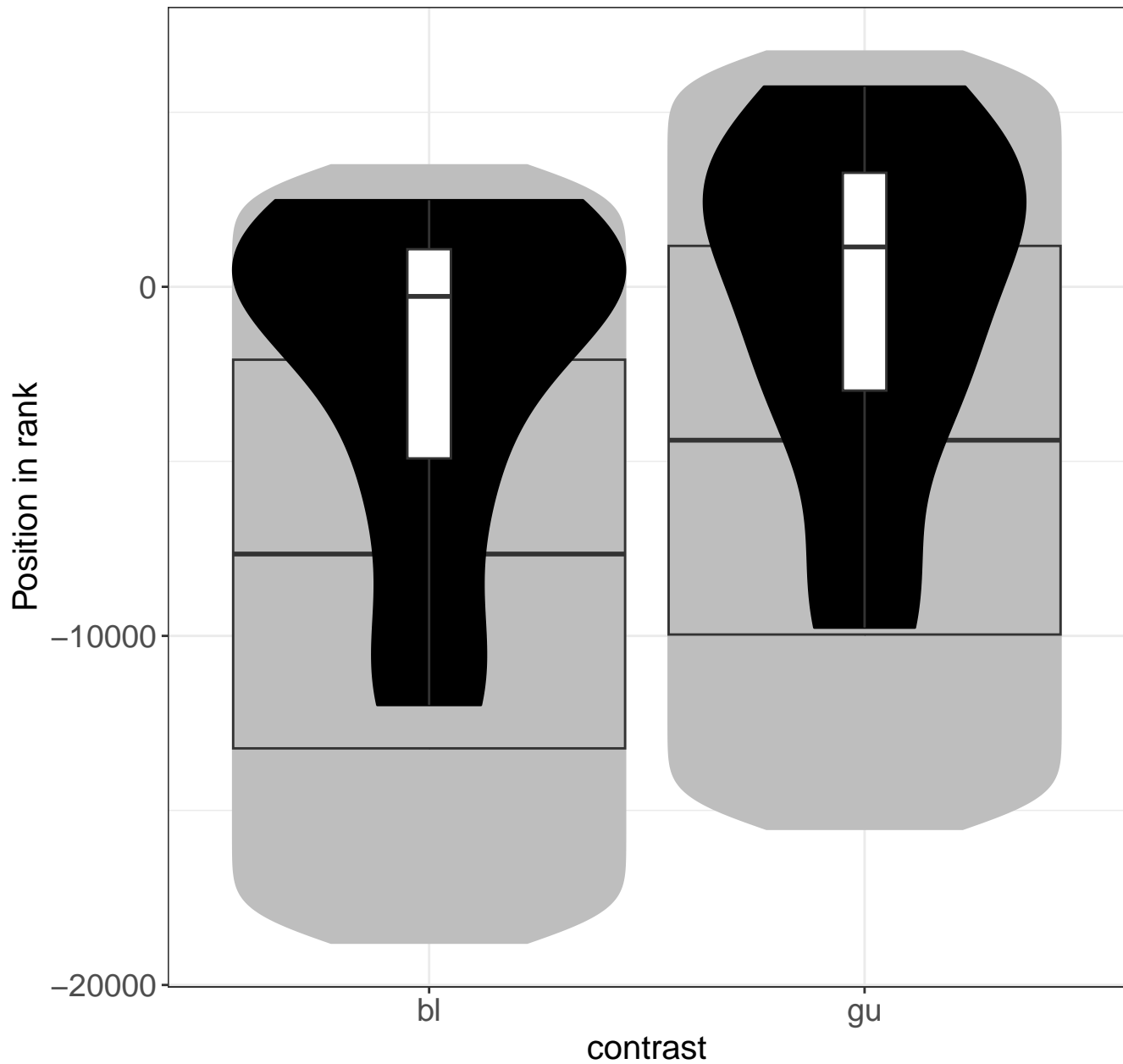
GOMF HISTONE CHAPERONE ACTIVITY



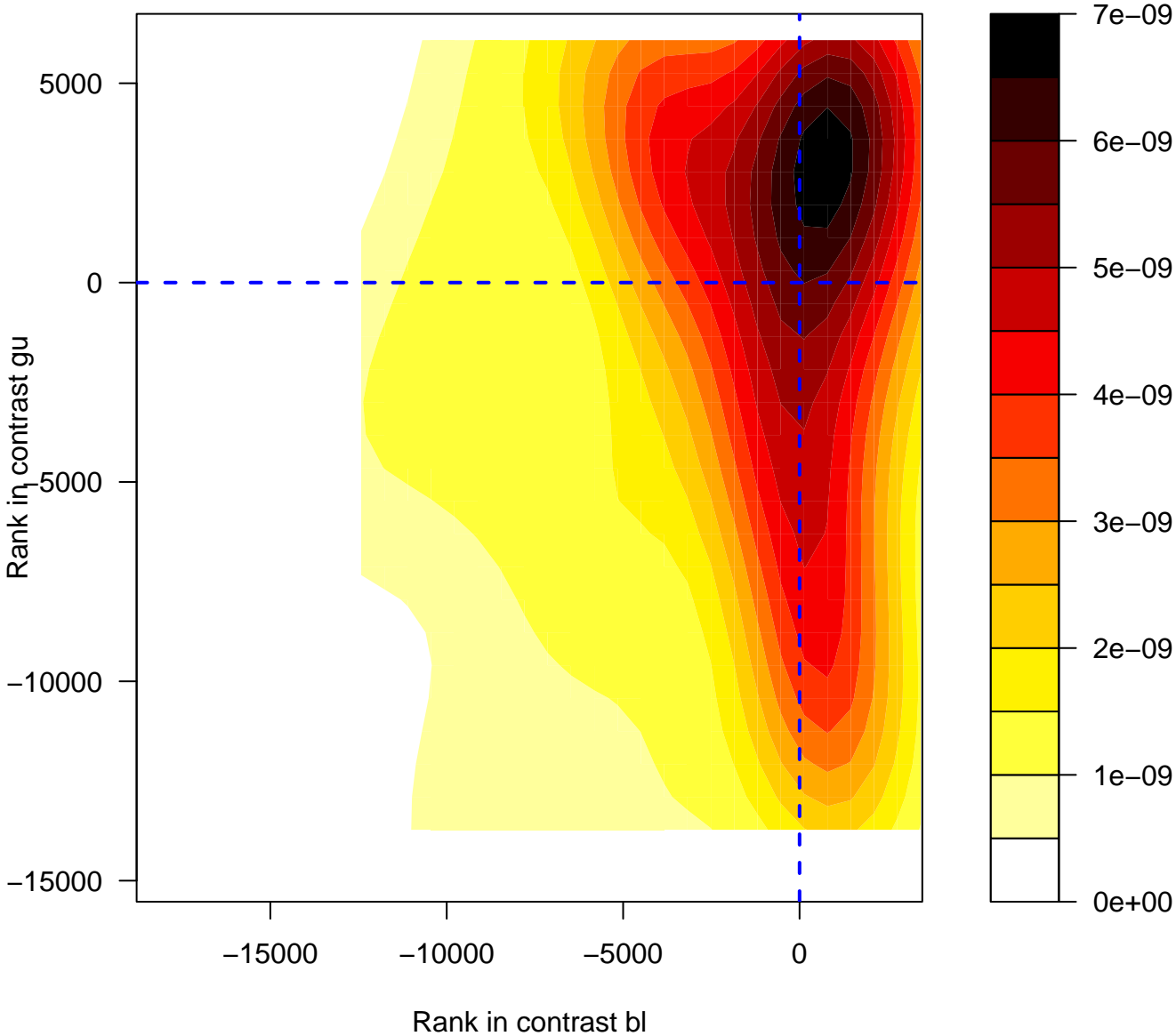
GOMF HISTONE CHAPERONE ACTIVITY



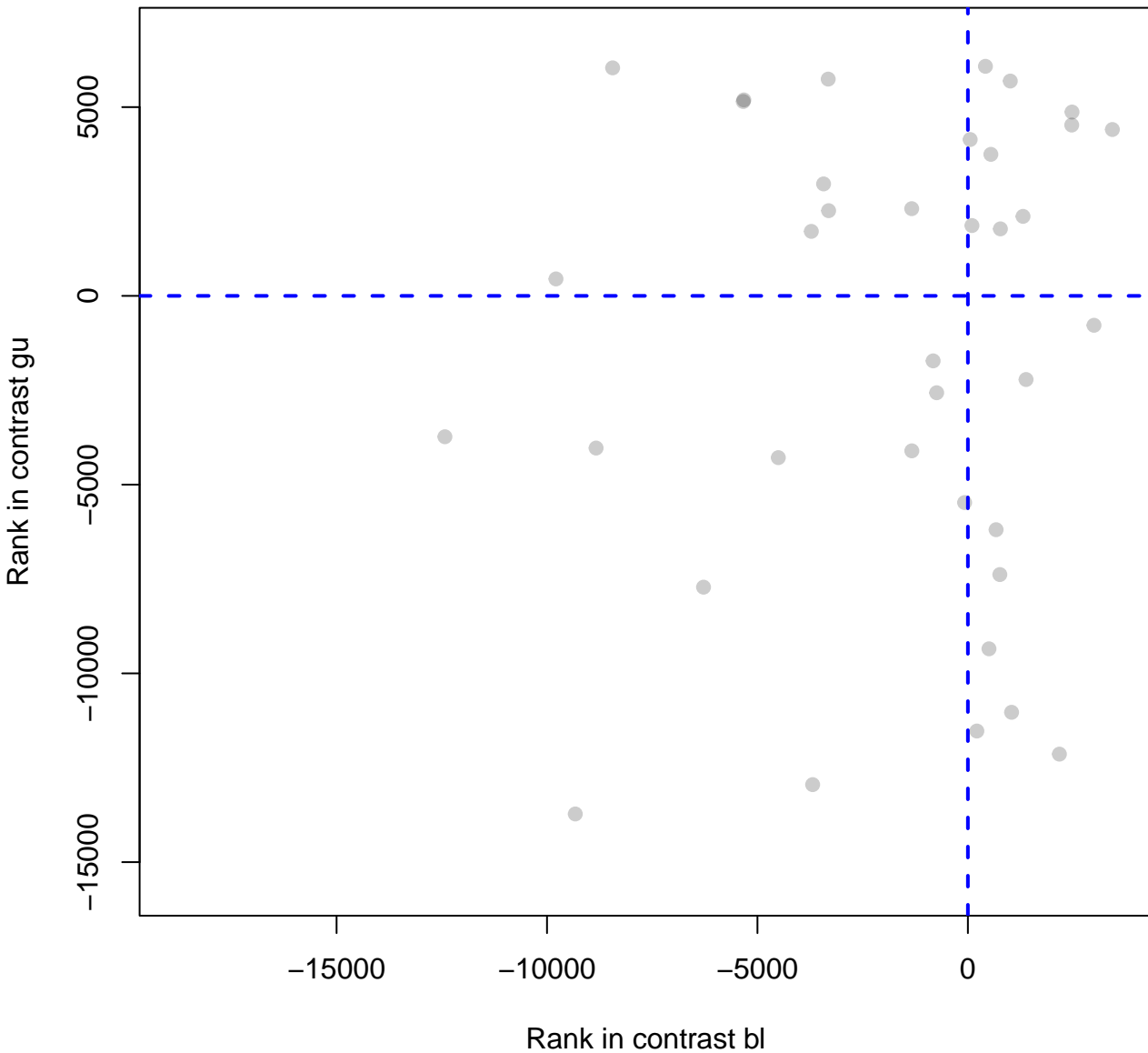
GOMF HISTONE CHAPERONE ACTIVITY



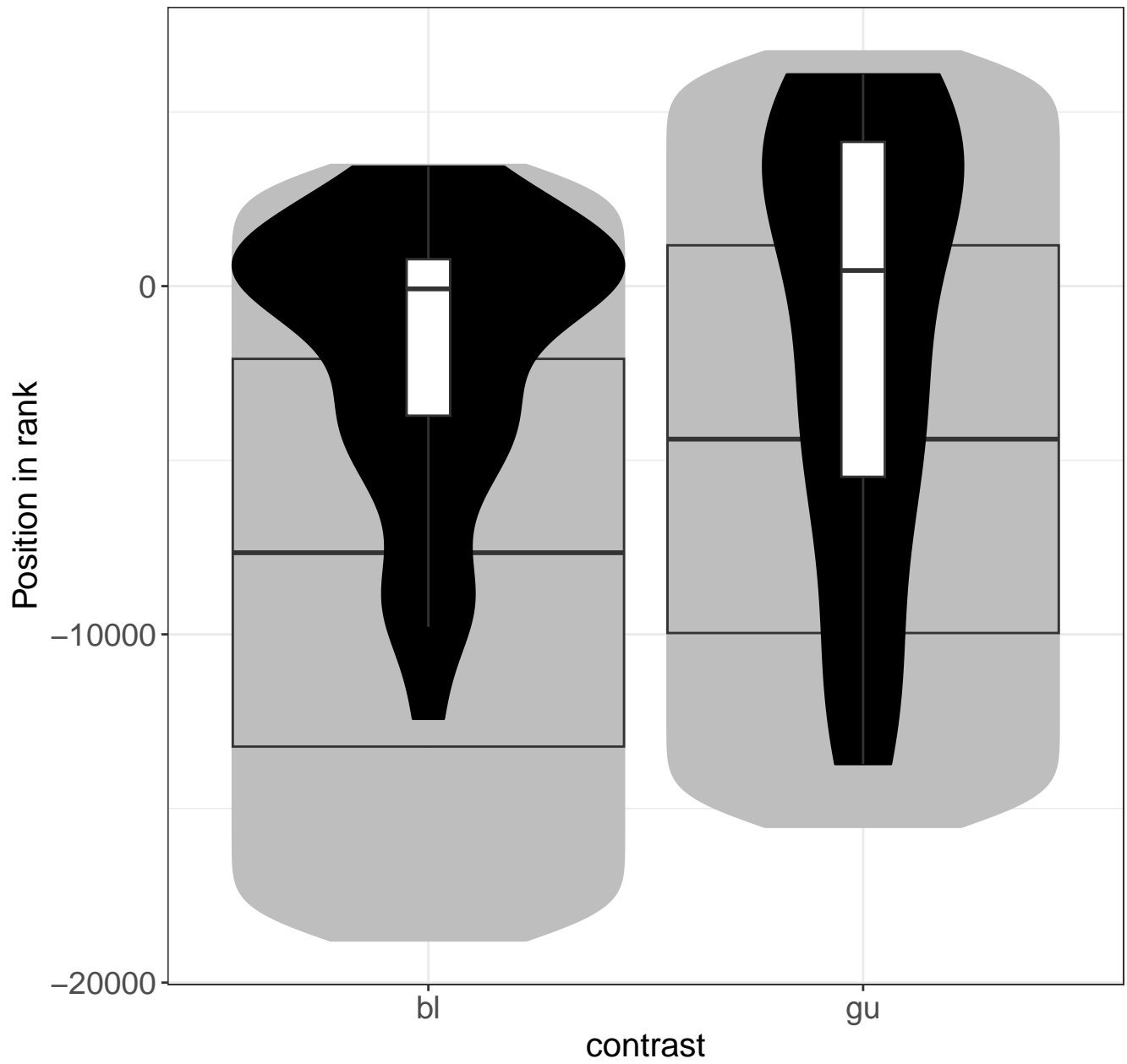
GOCC CYTOSOLIC SMALL RIBOSOMAL SUBUNIT



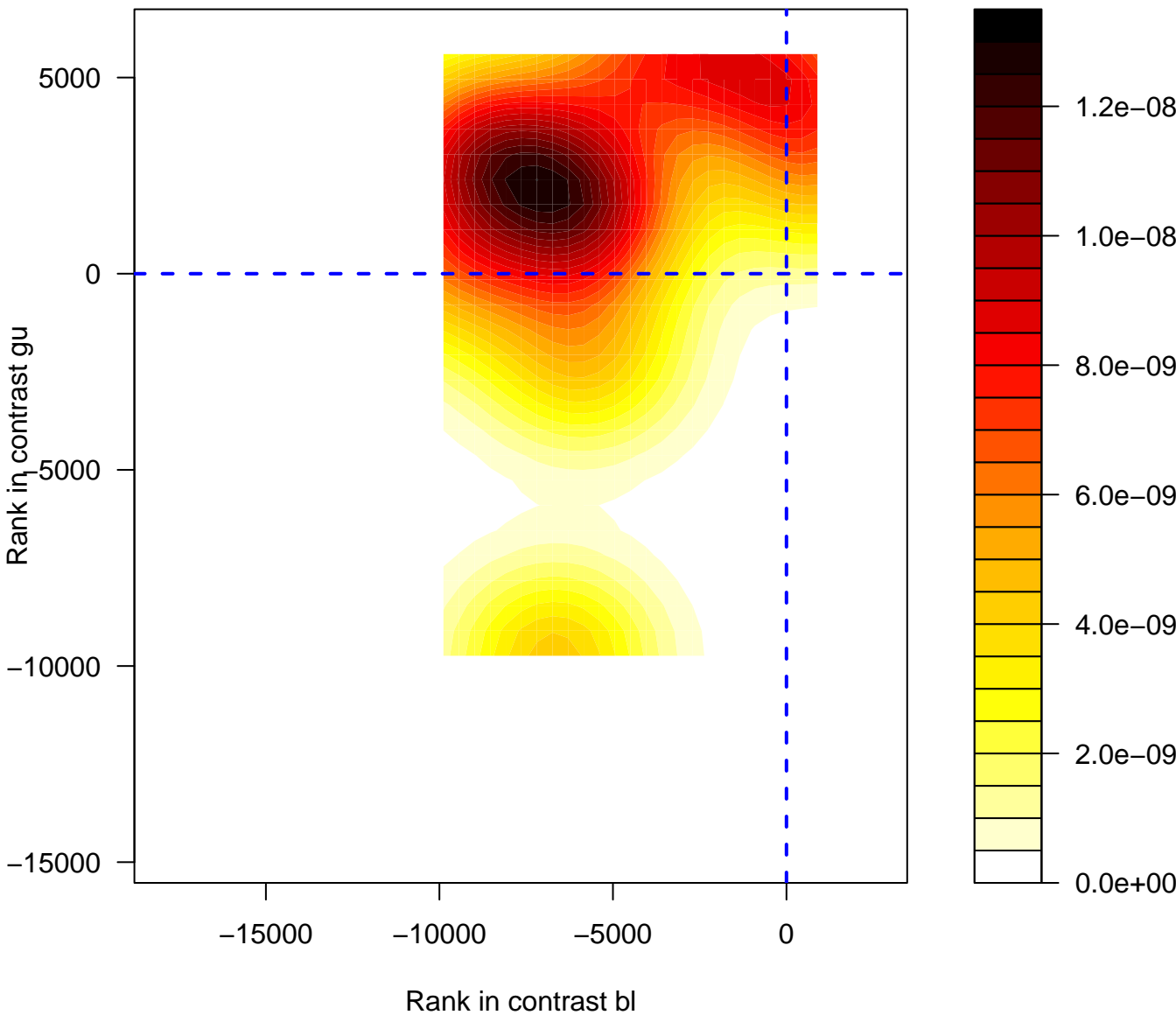
GOCC CYTOSOLIC SMALL RIBOSOMAL SUBUNIT



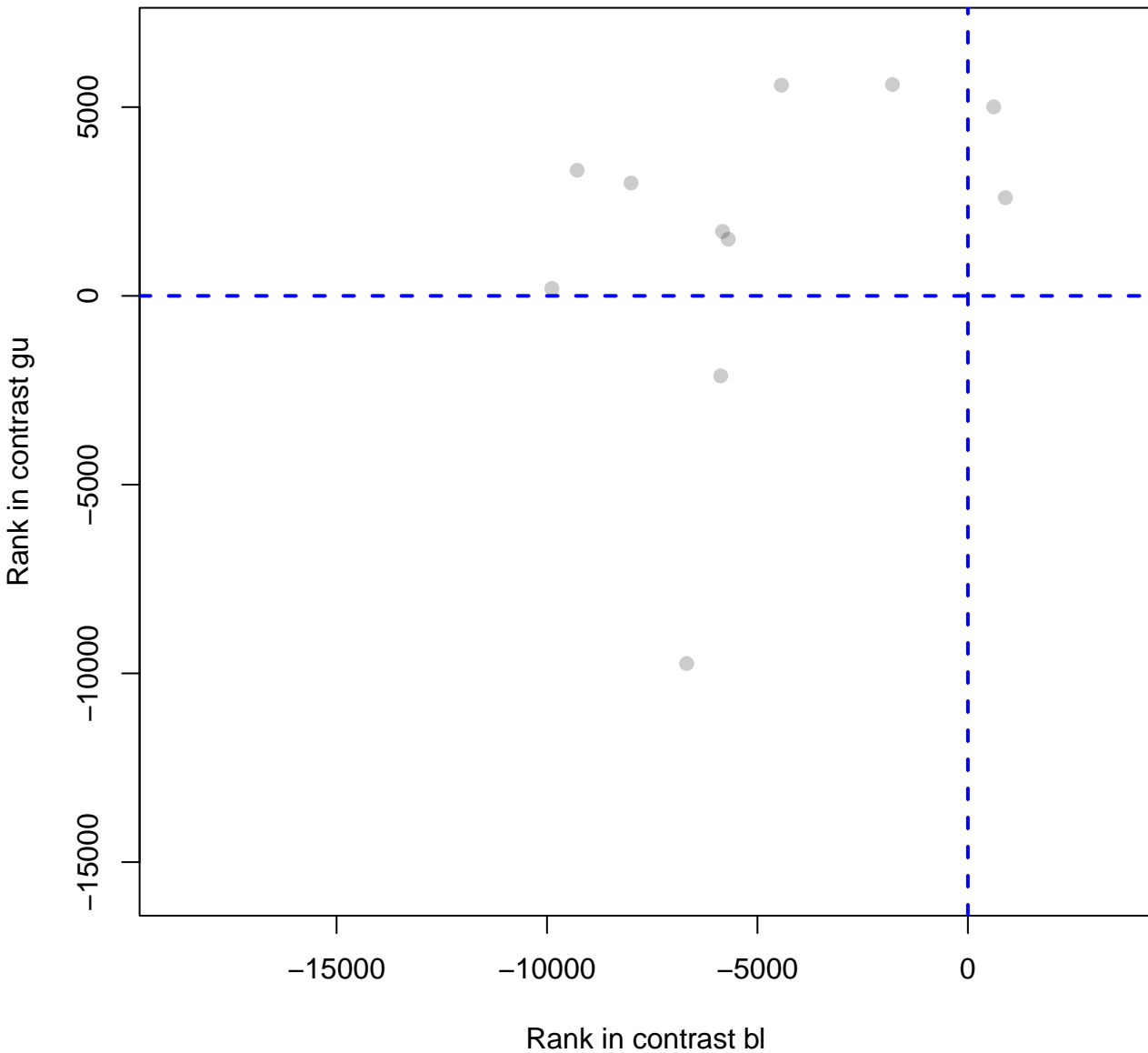
GOCC CYTOSOLIC SMALL RIBOSOMAL SUBU



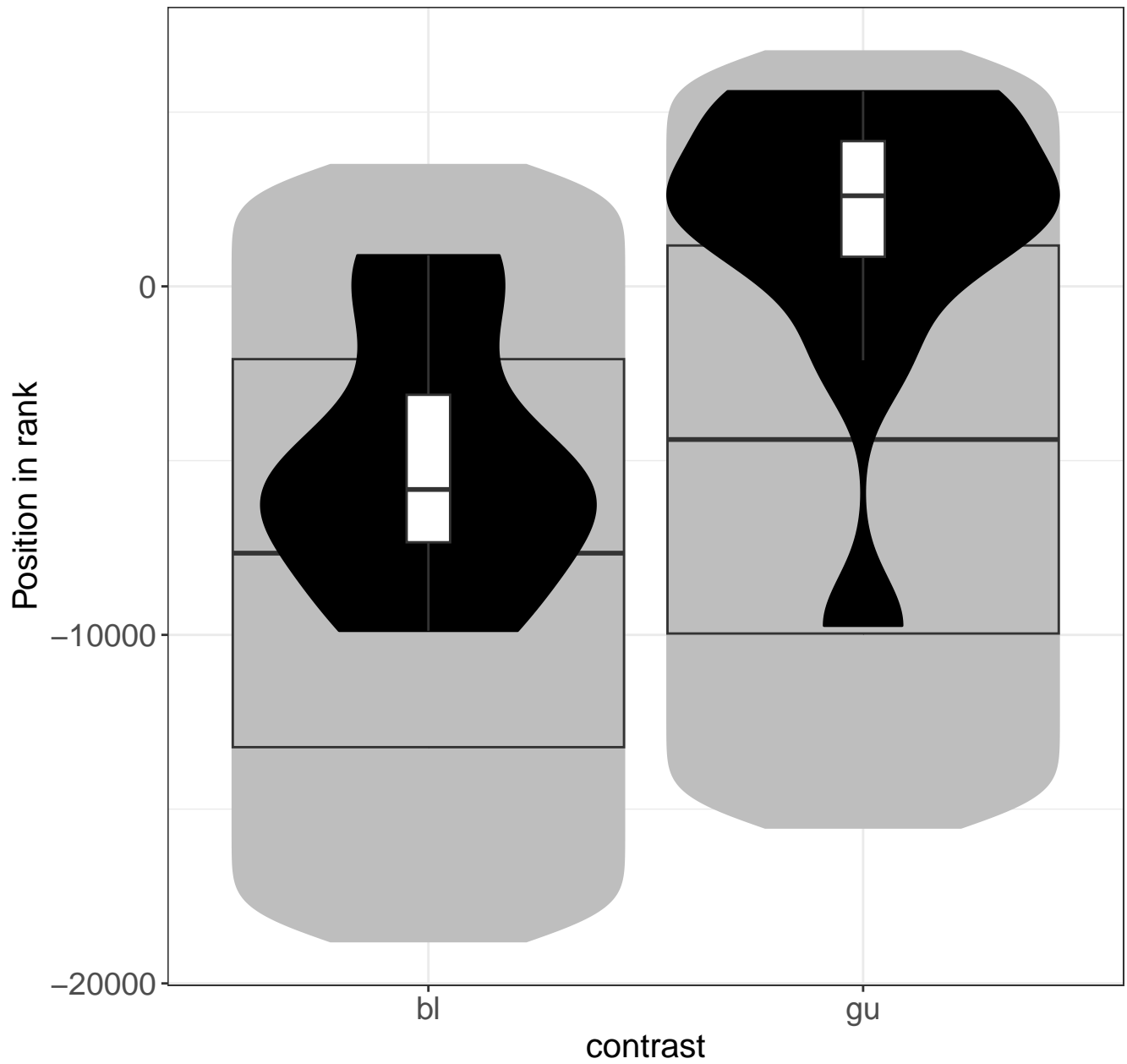
GOBP RESPONSE TO OXYGEN GLUCOSE DEPRIVATIO



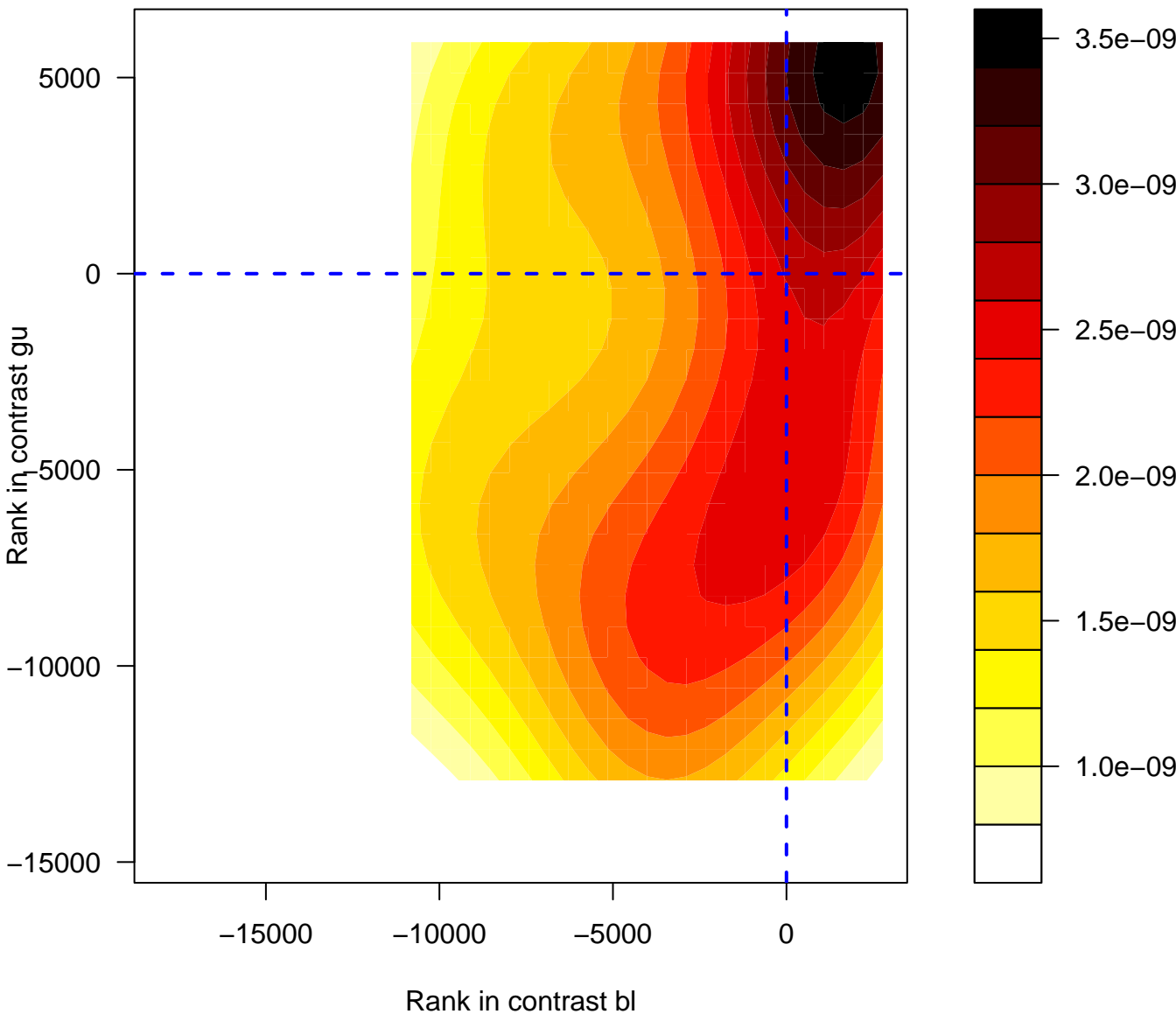
GOBP RESPONSE TO OXYGEN GLUCOSE DEPRIVATION



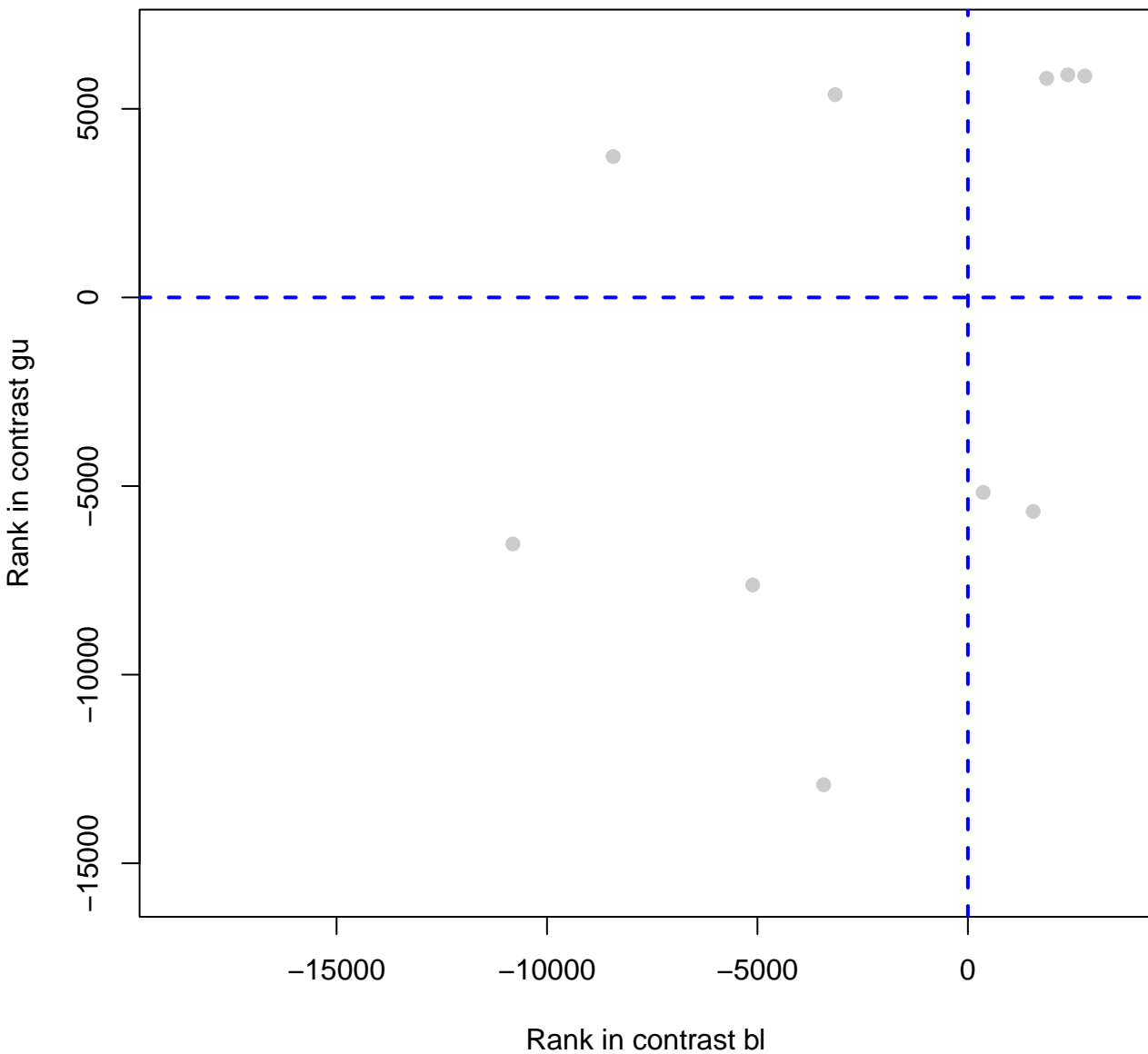
GOBP RESPONSE TO OXYGEN GLUCOSE DE



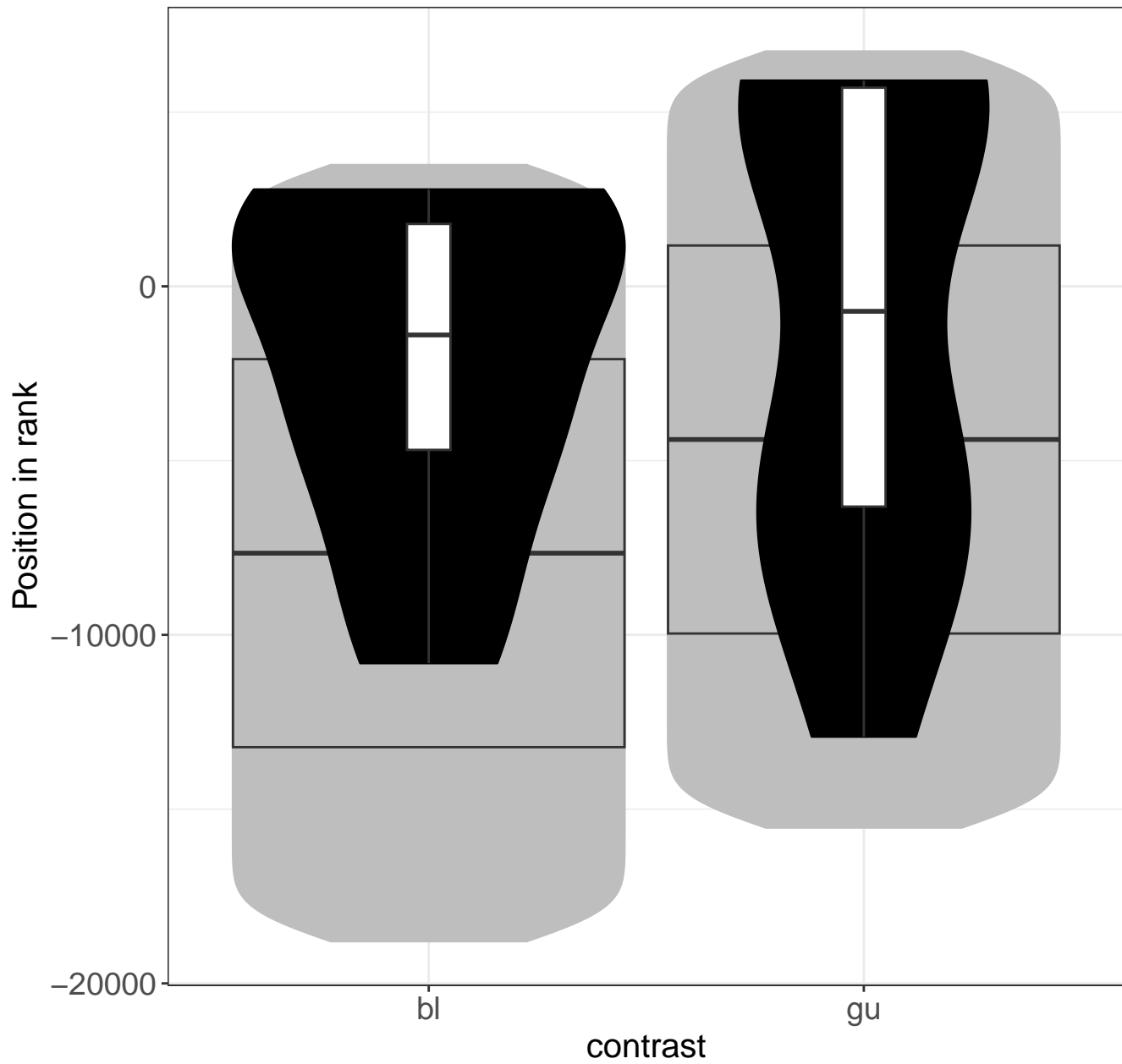
GOCC RIBONUCLEASE MRP COMPLEX



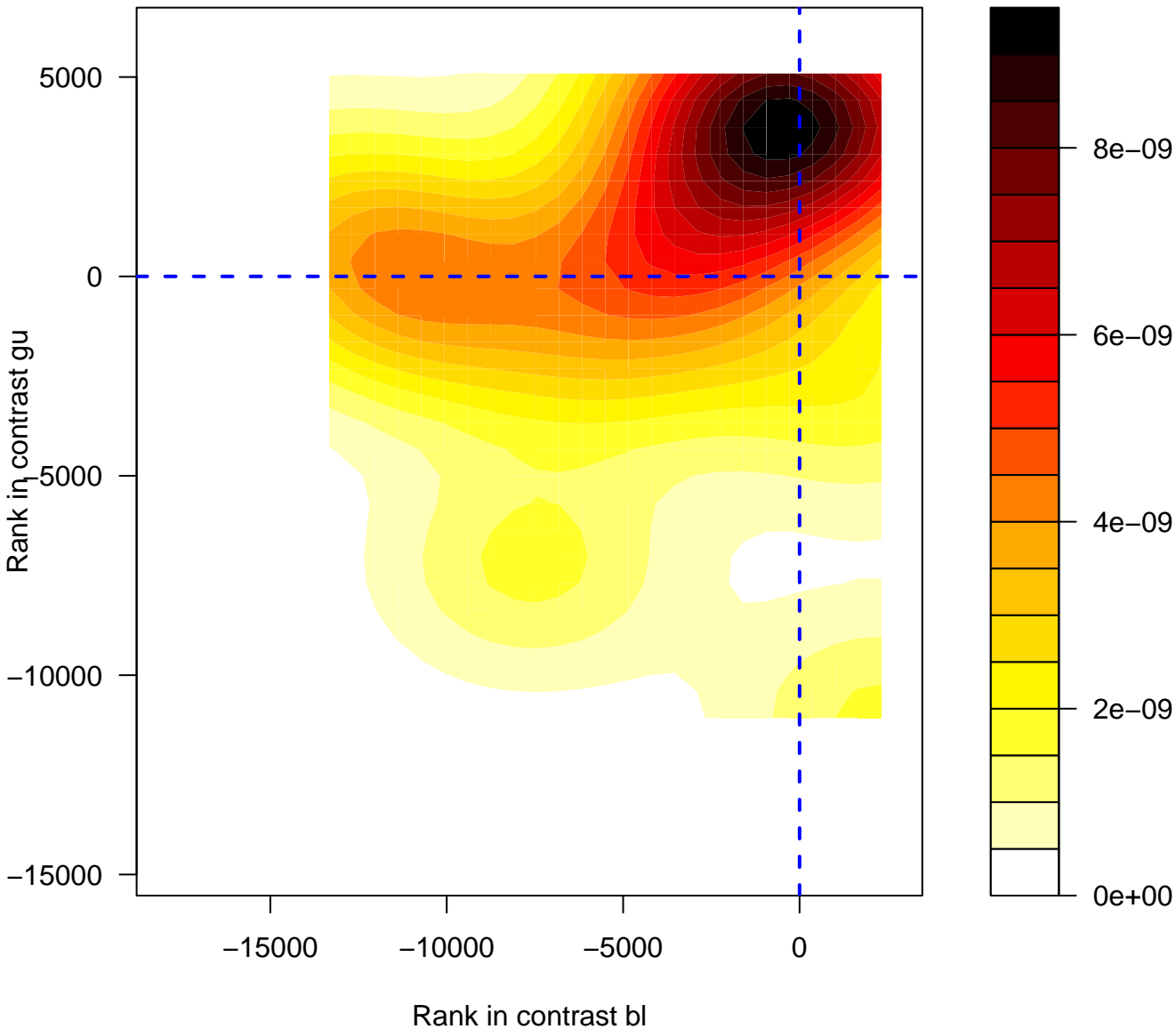
GOCC RIBONUCLEASE MRP COMPLEX



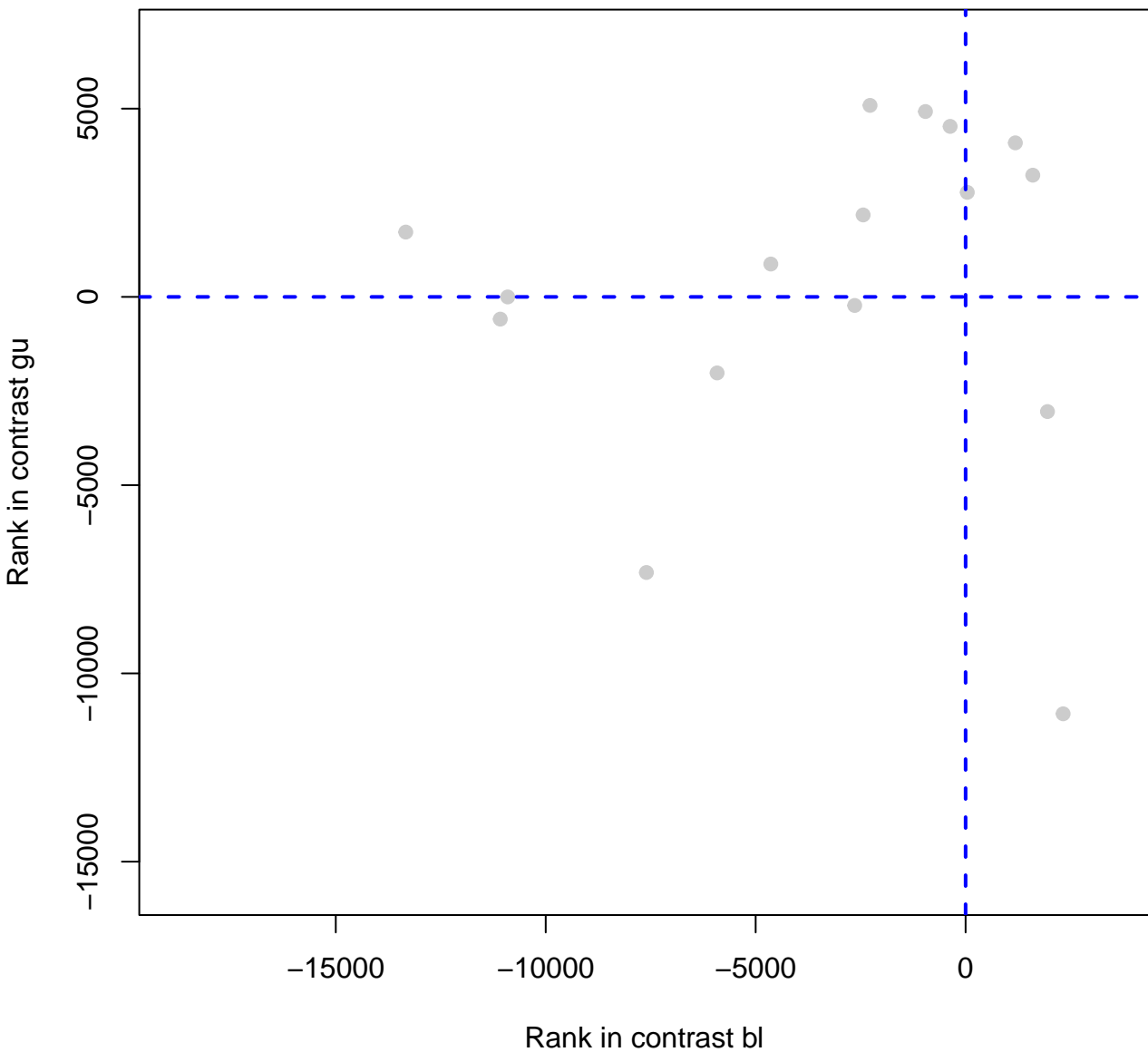
GOCC RIBONUCLEASE MRP COMPLEX



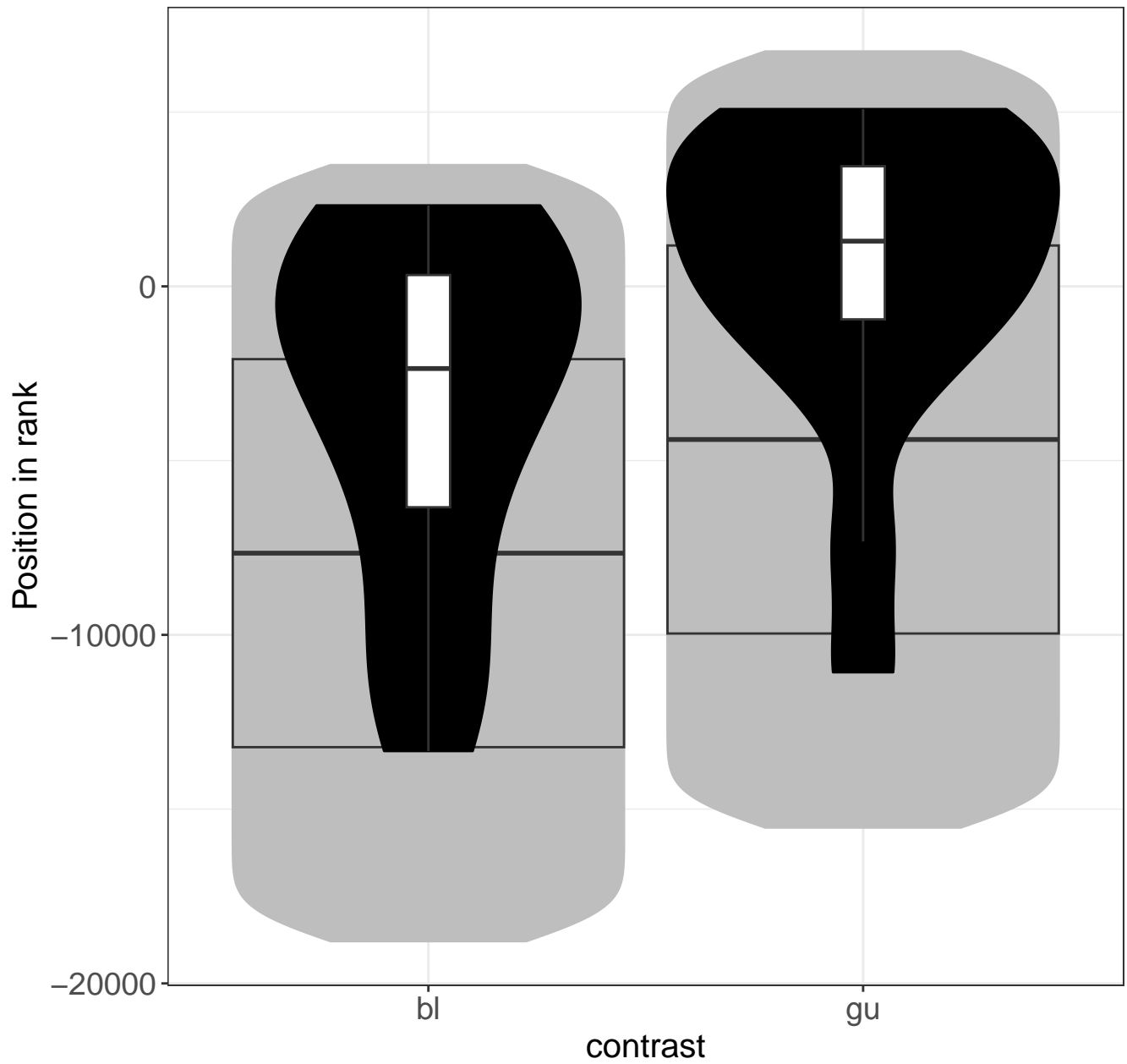
PHOTON TRANSPORTING ATP SYNTHASE ACTIVITY ROTATION



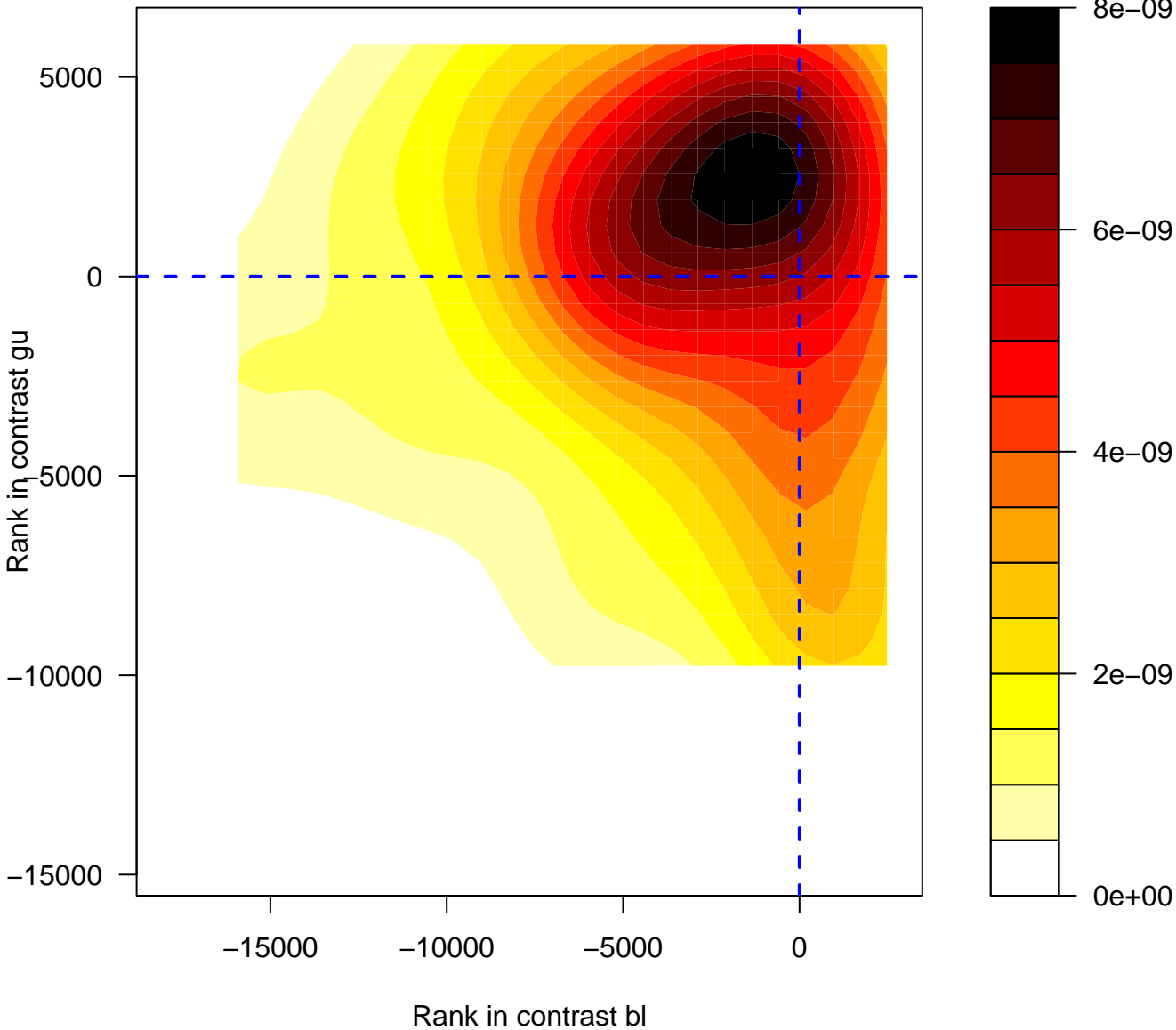
MF PROTON TRANSPORTING ATP SYNTHASE ACTIVITY ROTATIONAL MECH



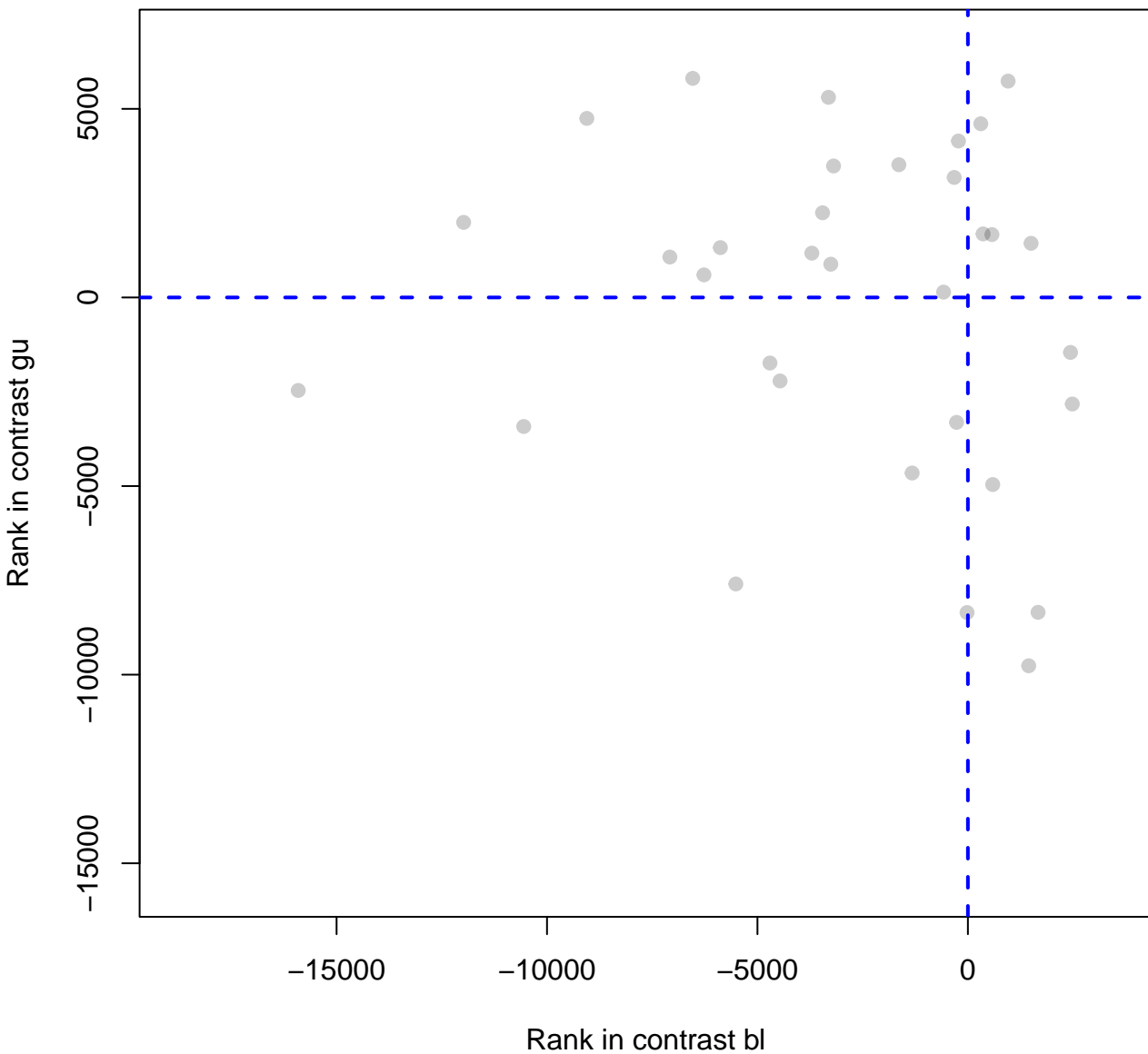
GOMF PROTON TRANSPORTING ATP SYNTH.



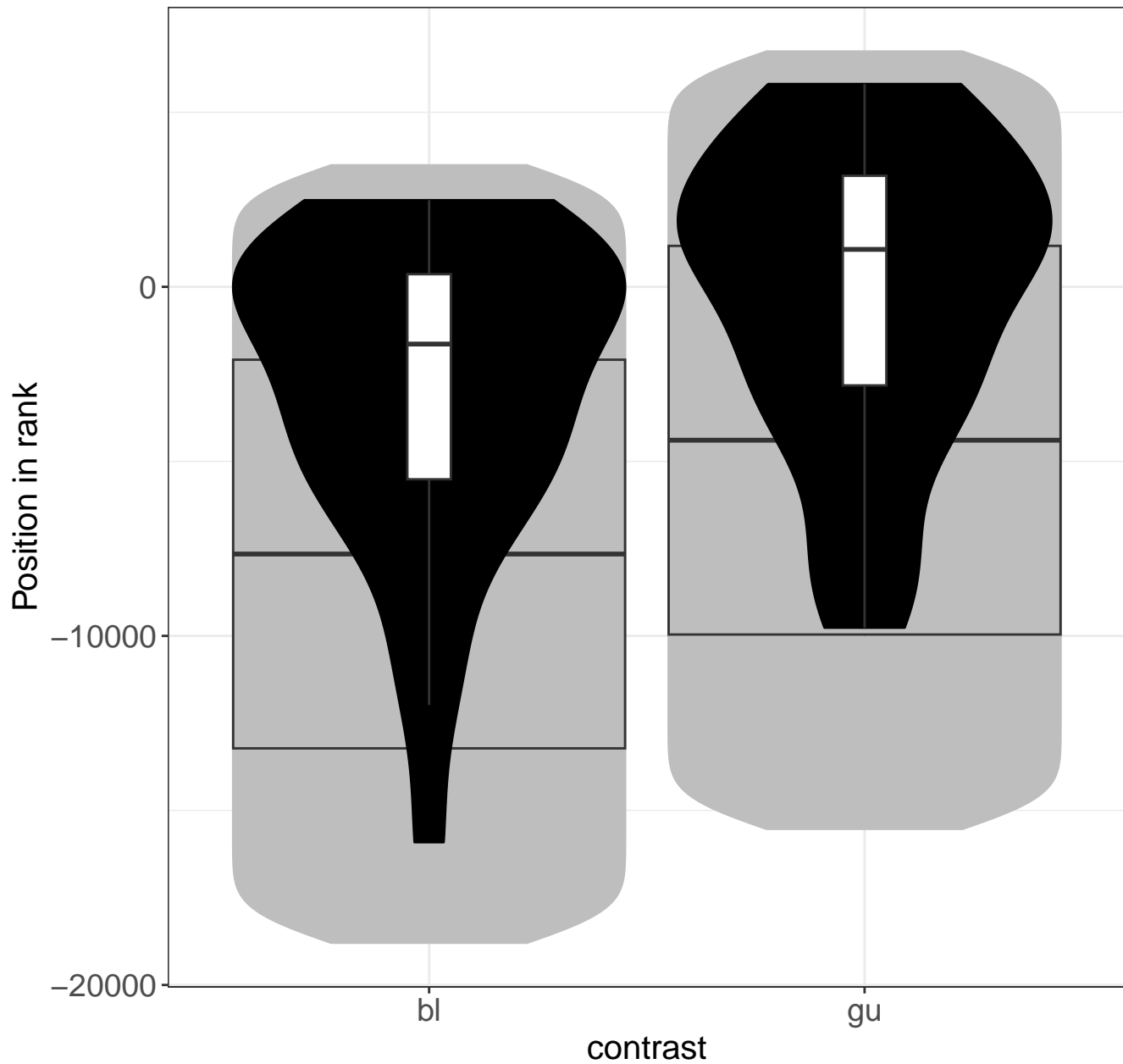
GOMF PROTEIN CARRIER CHAPERONE



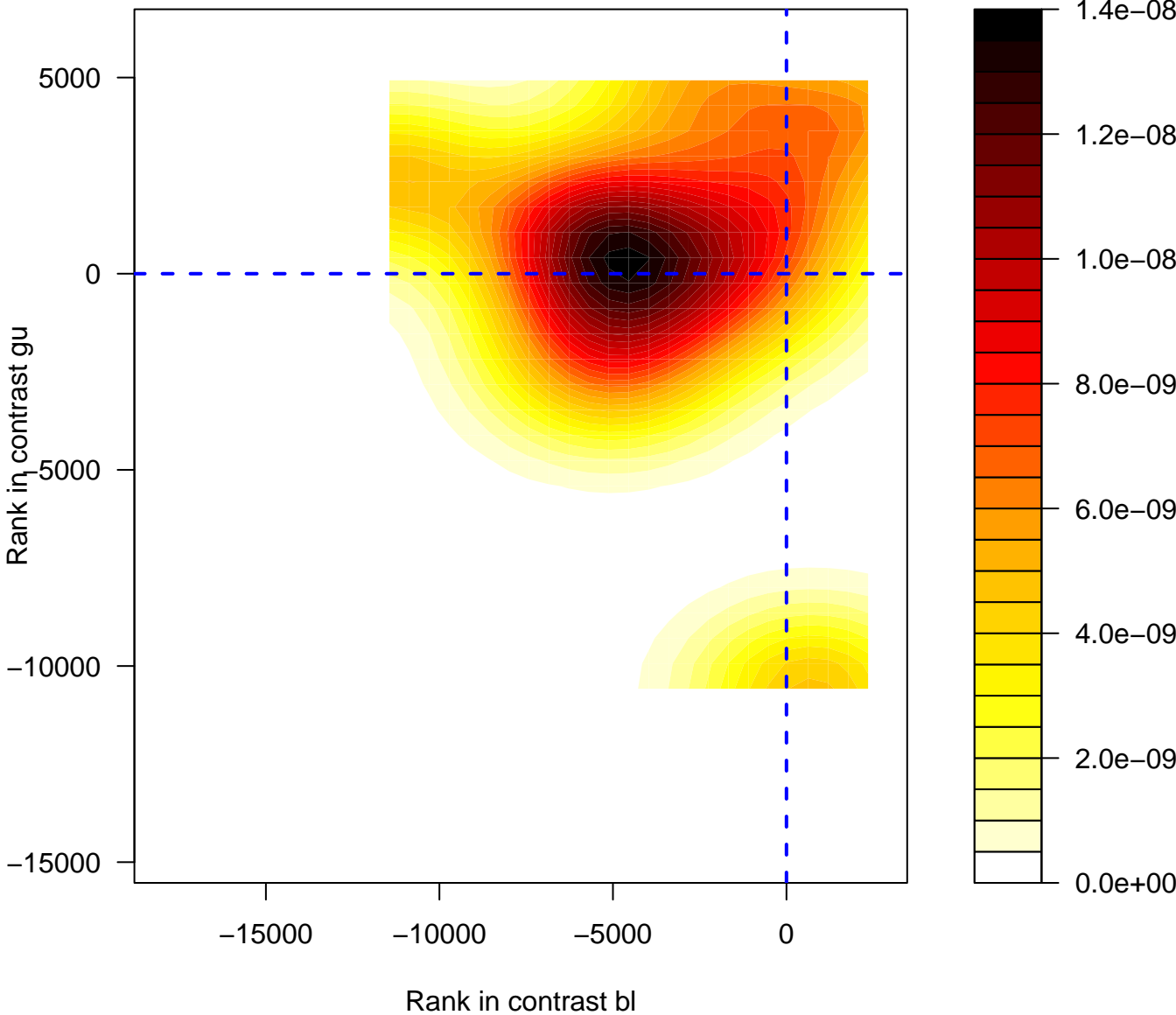
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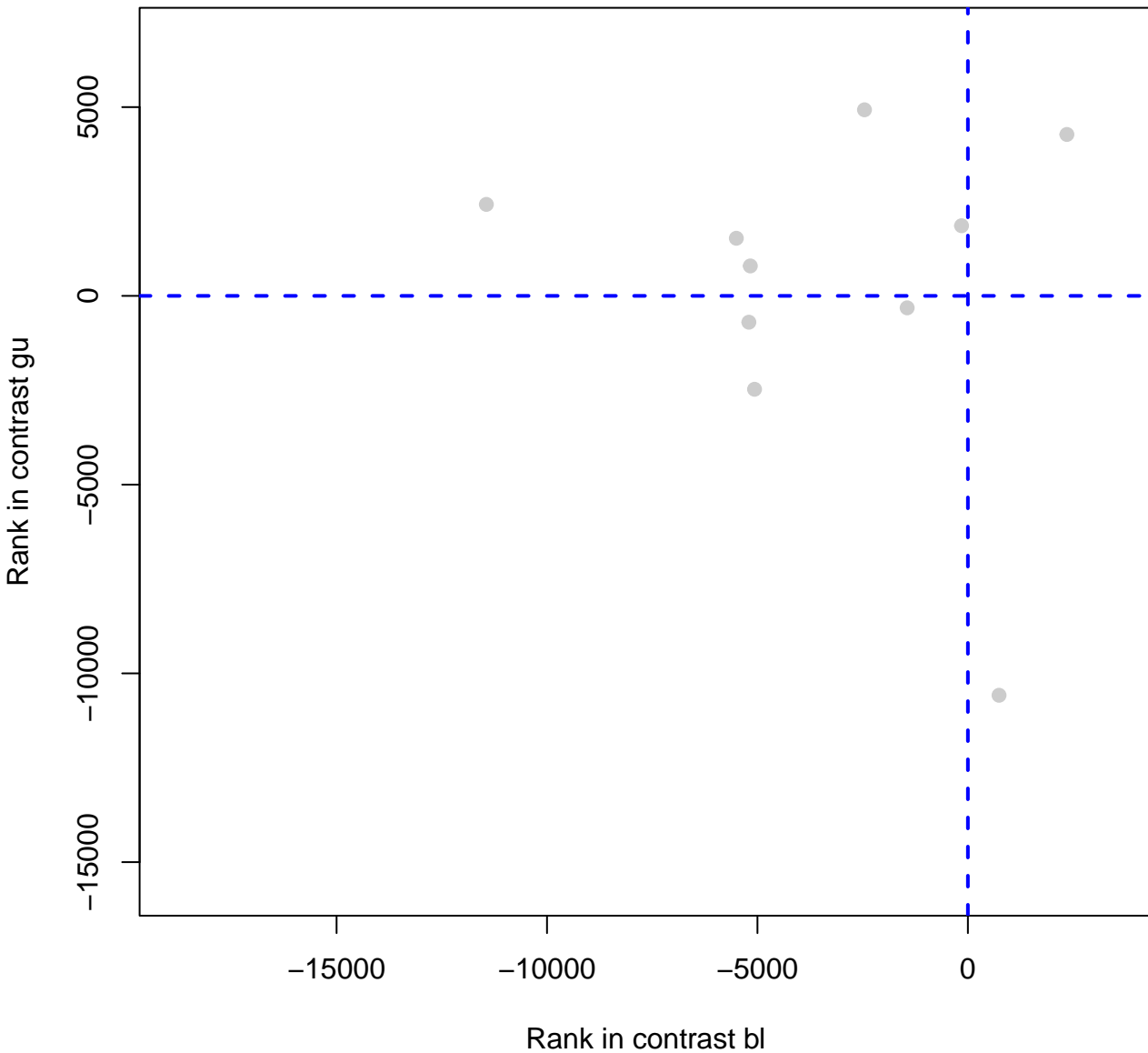
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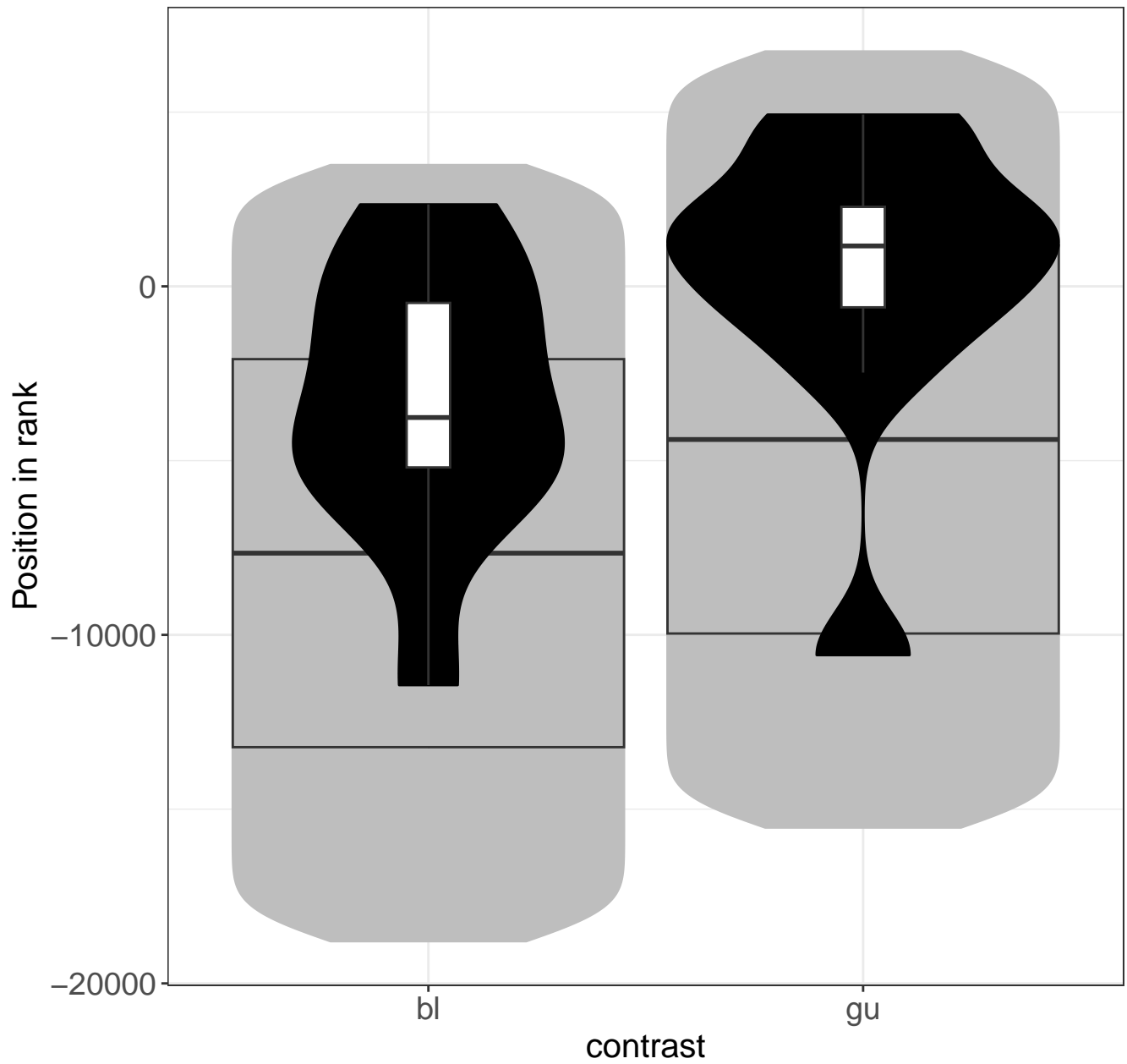
GOBP MITOCHONDRIAL RIBOSOME ASSEMBLY



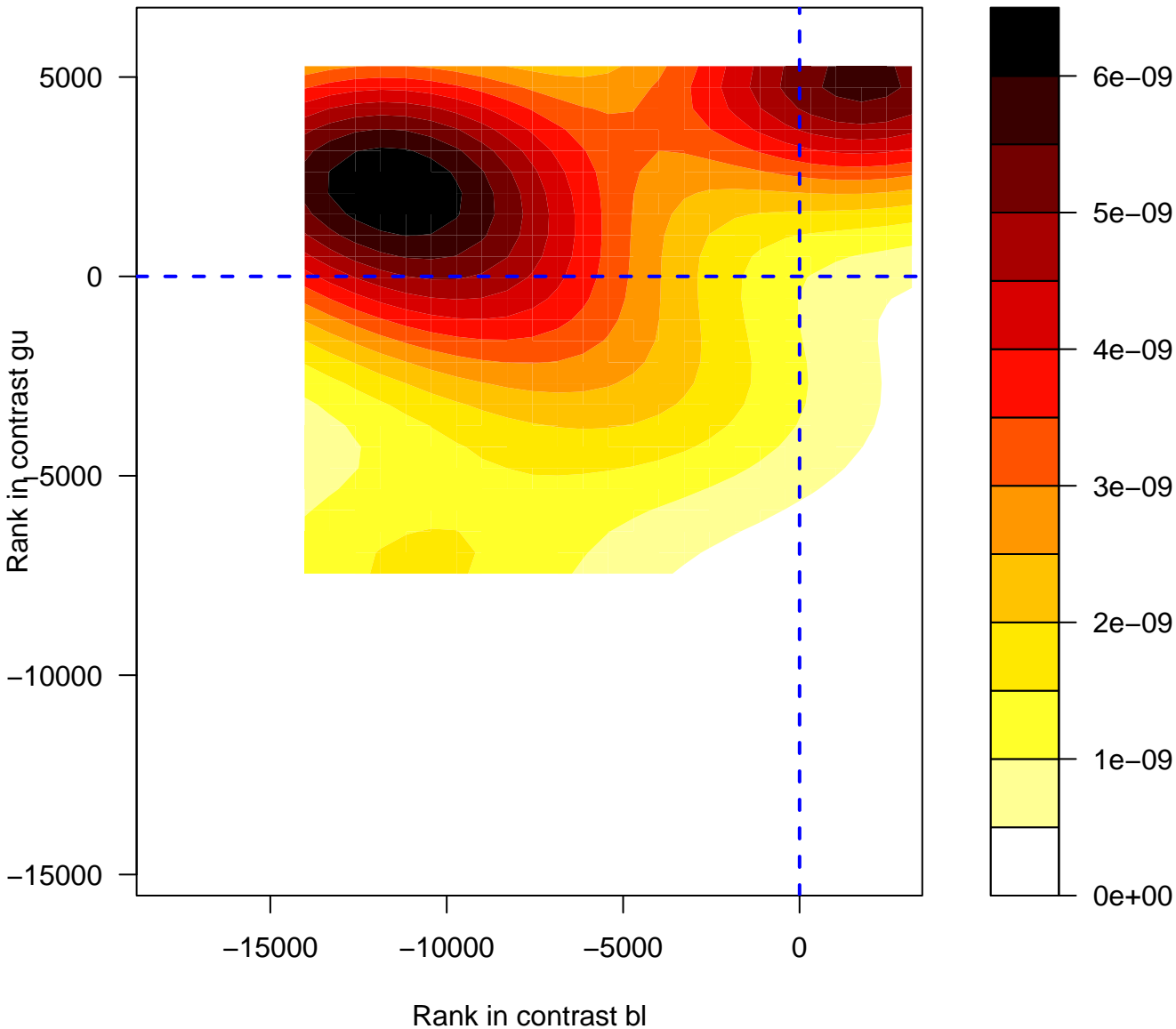
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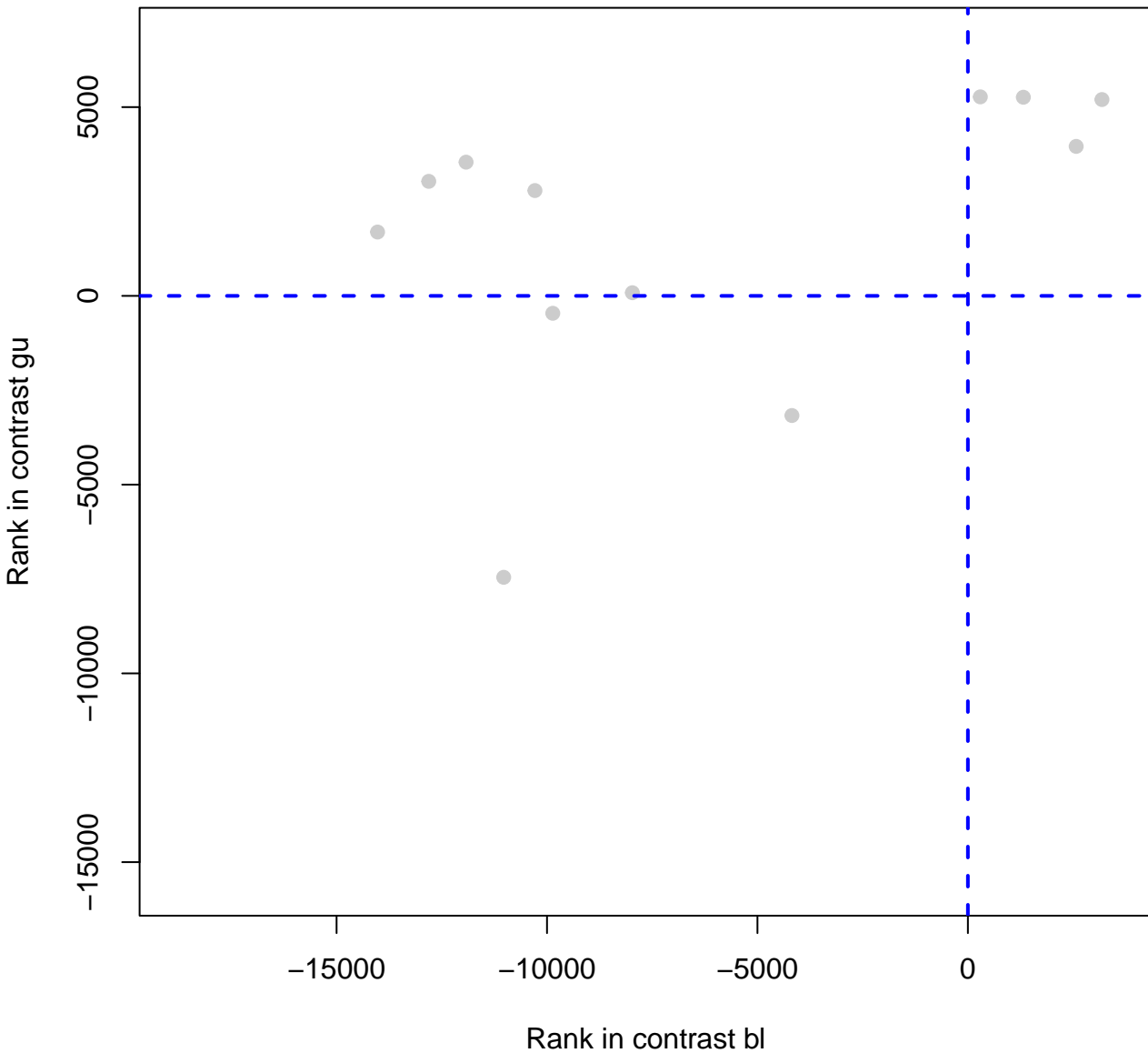
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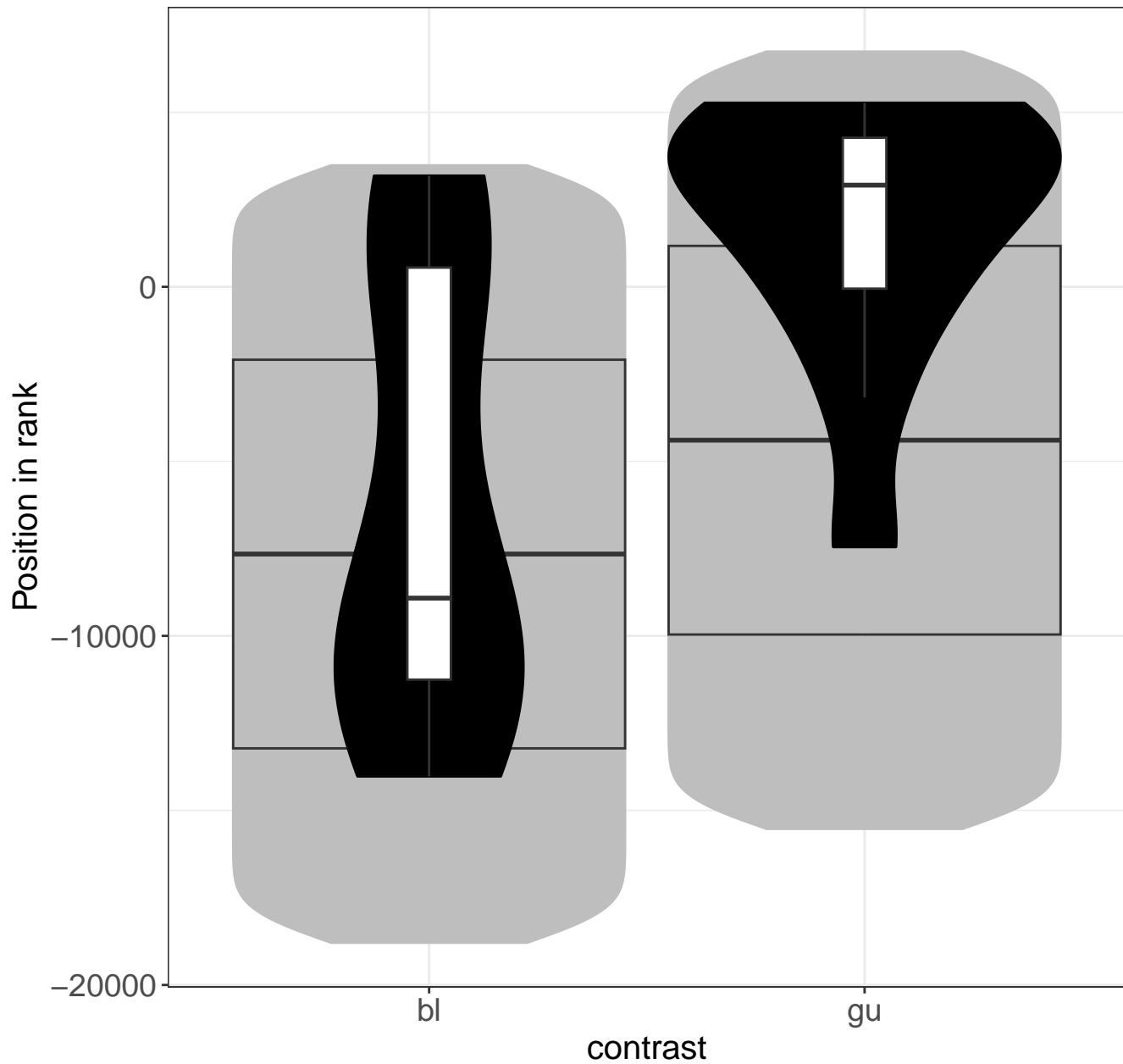
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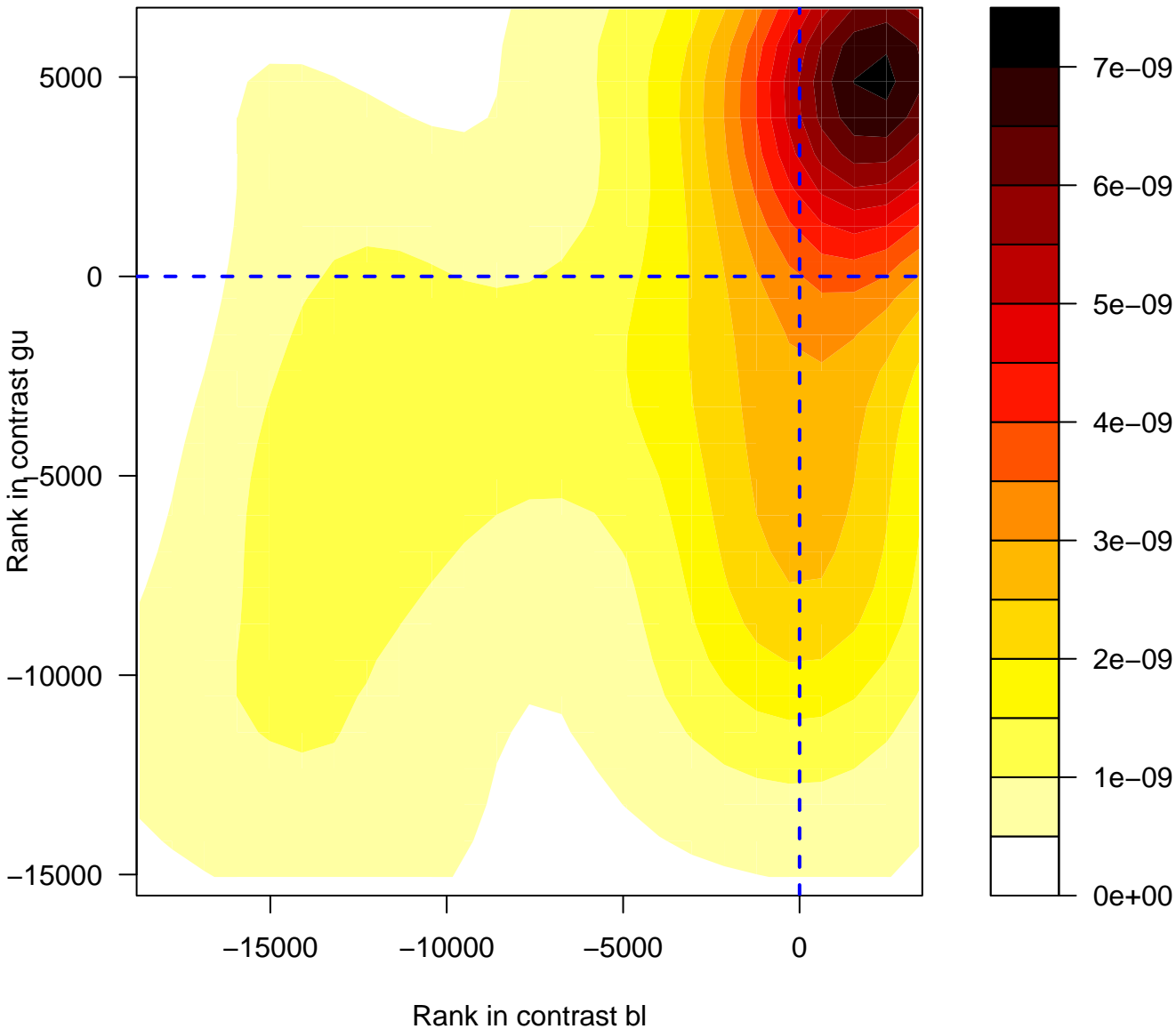
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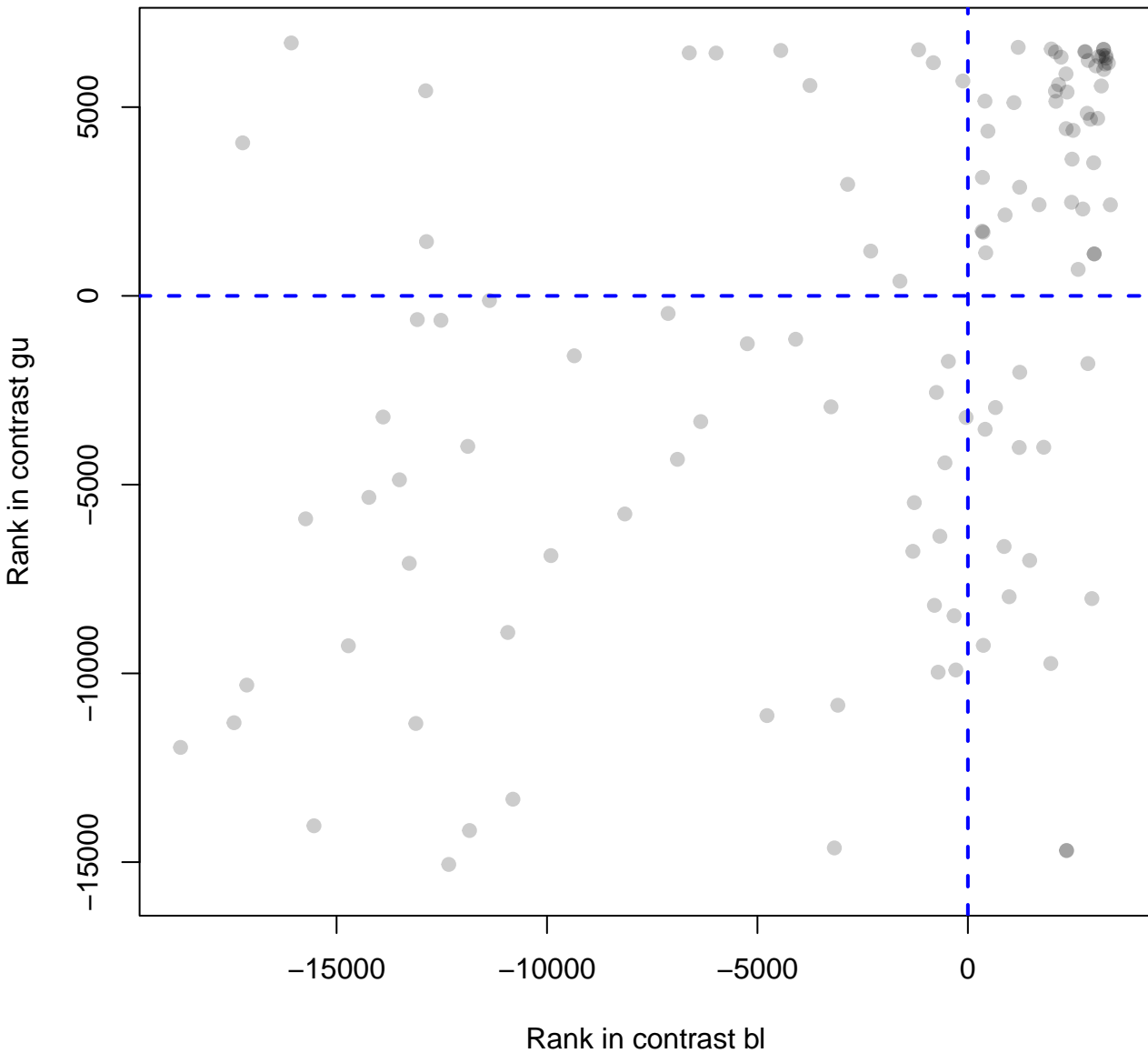
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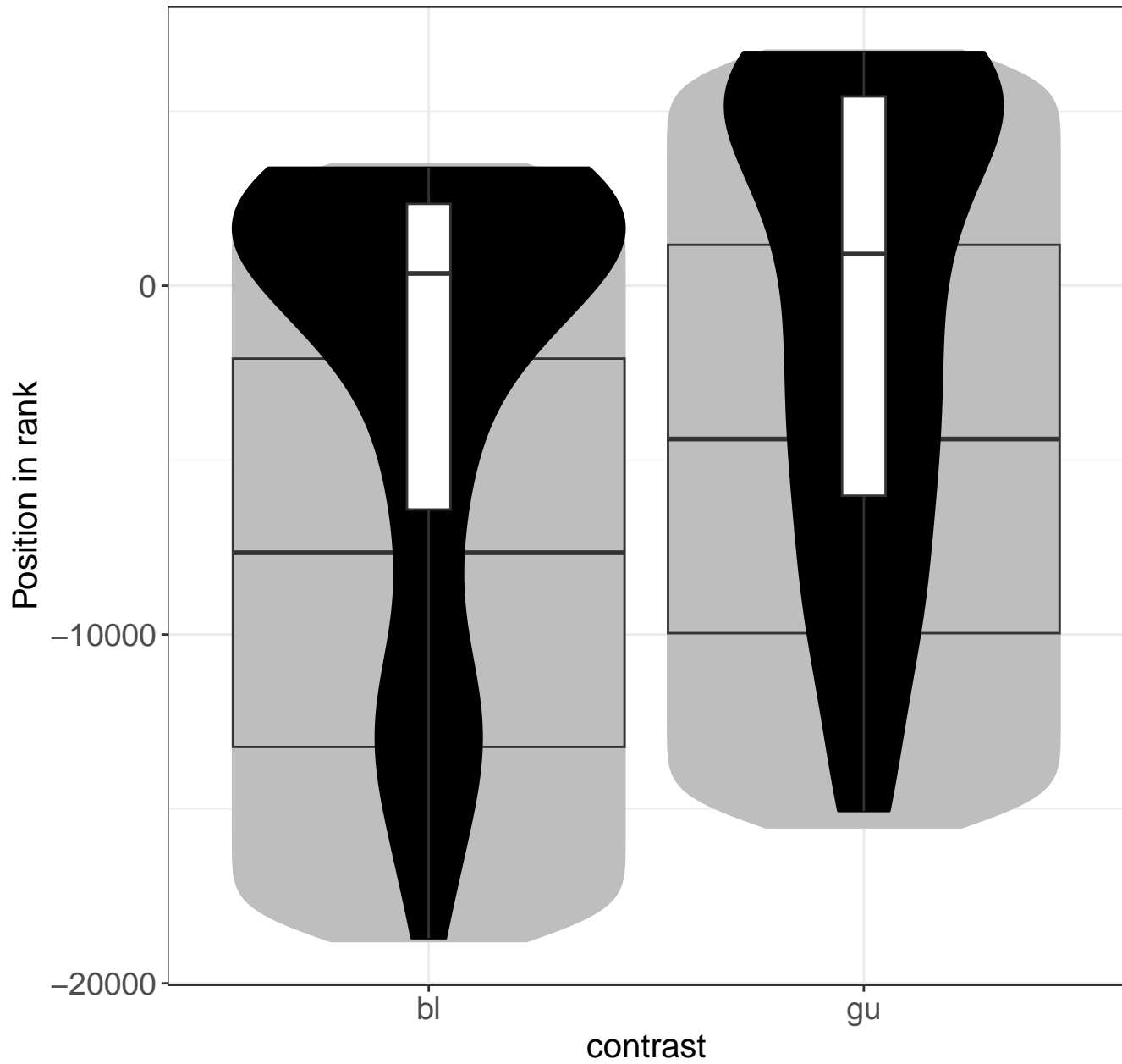
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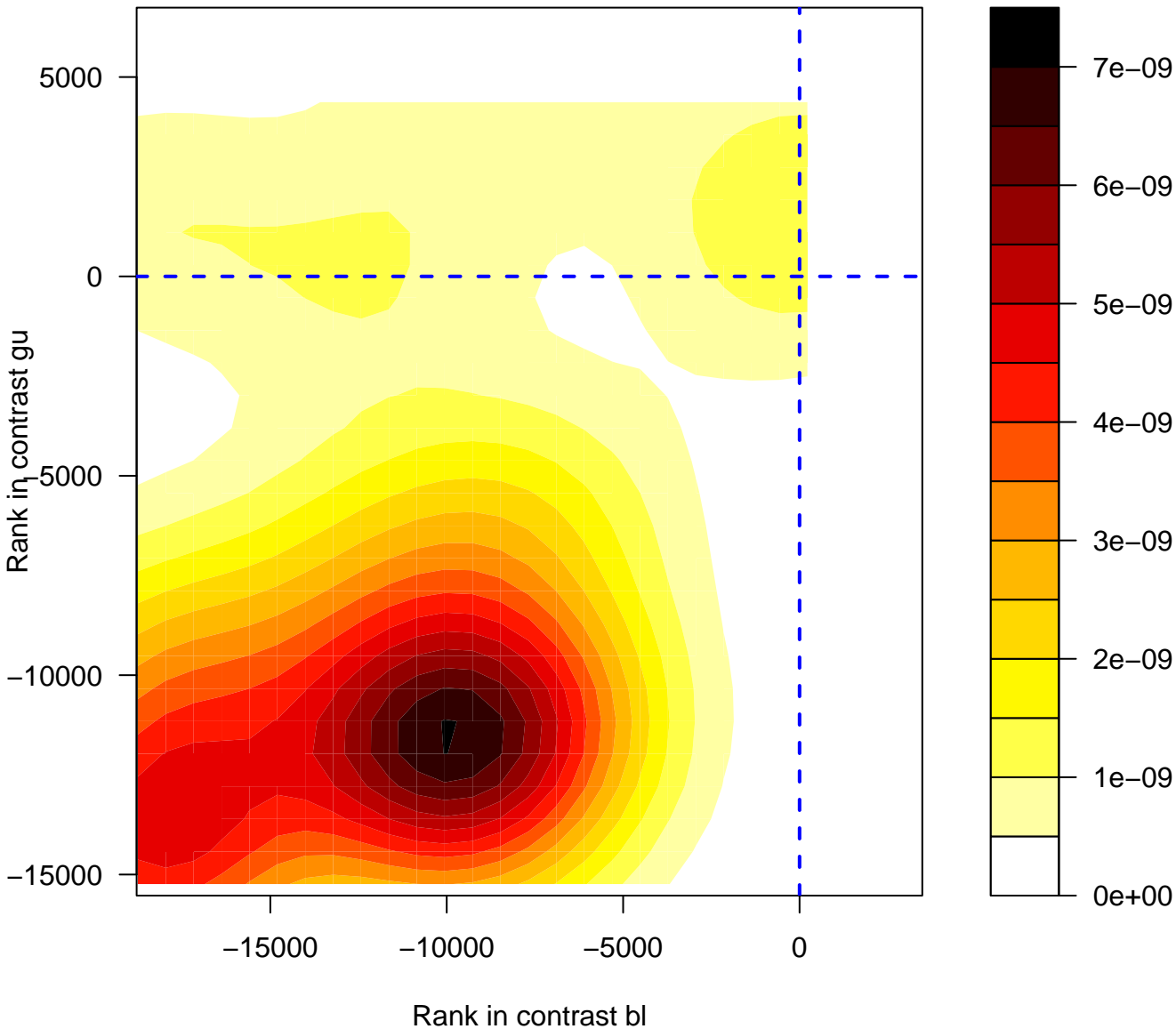
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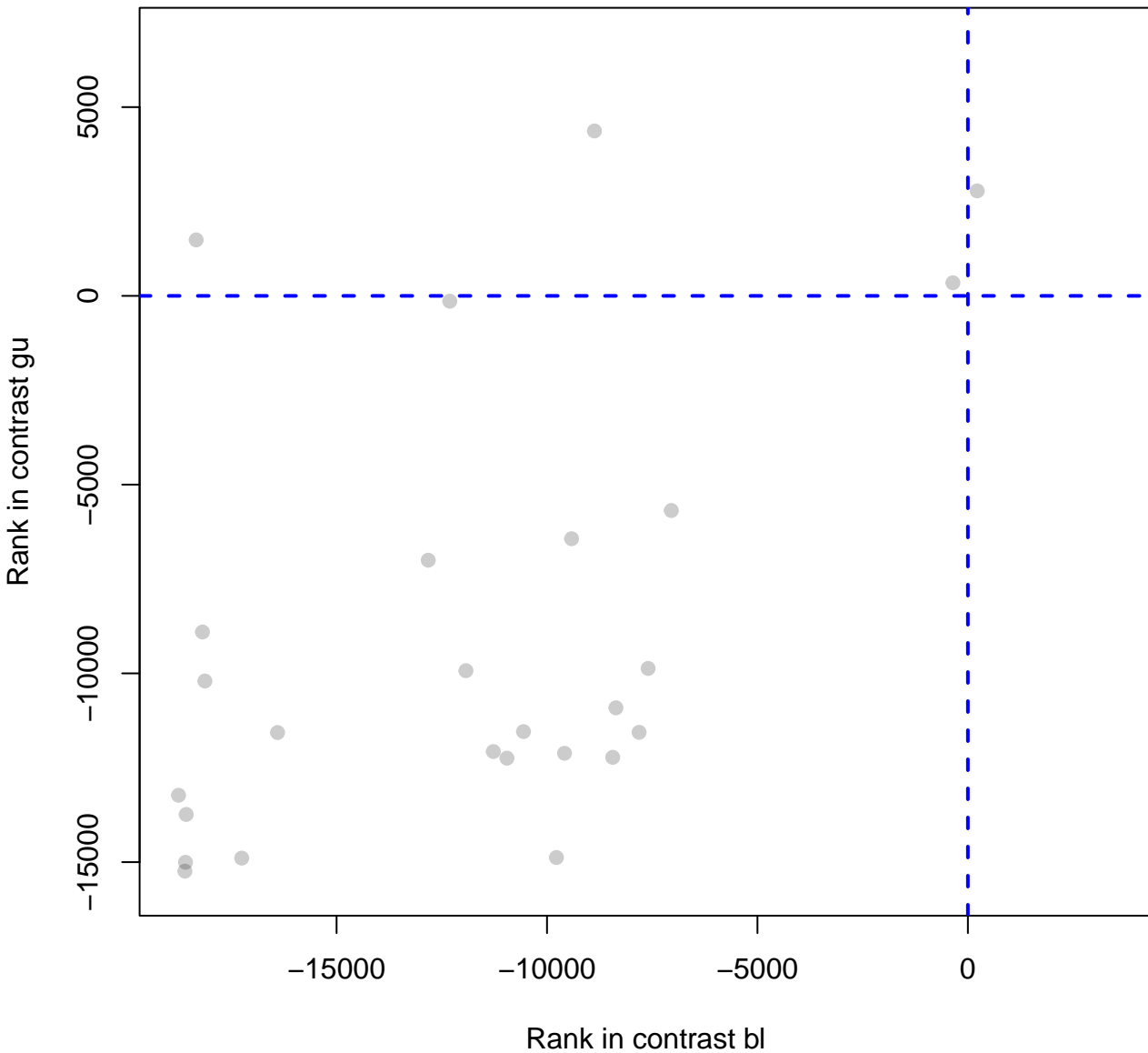
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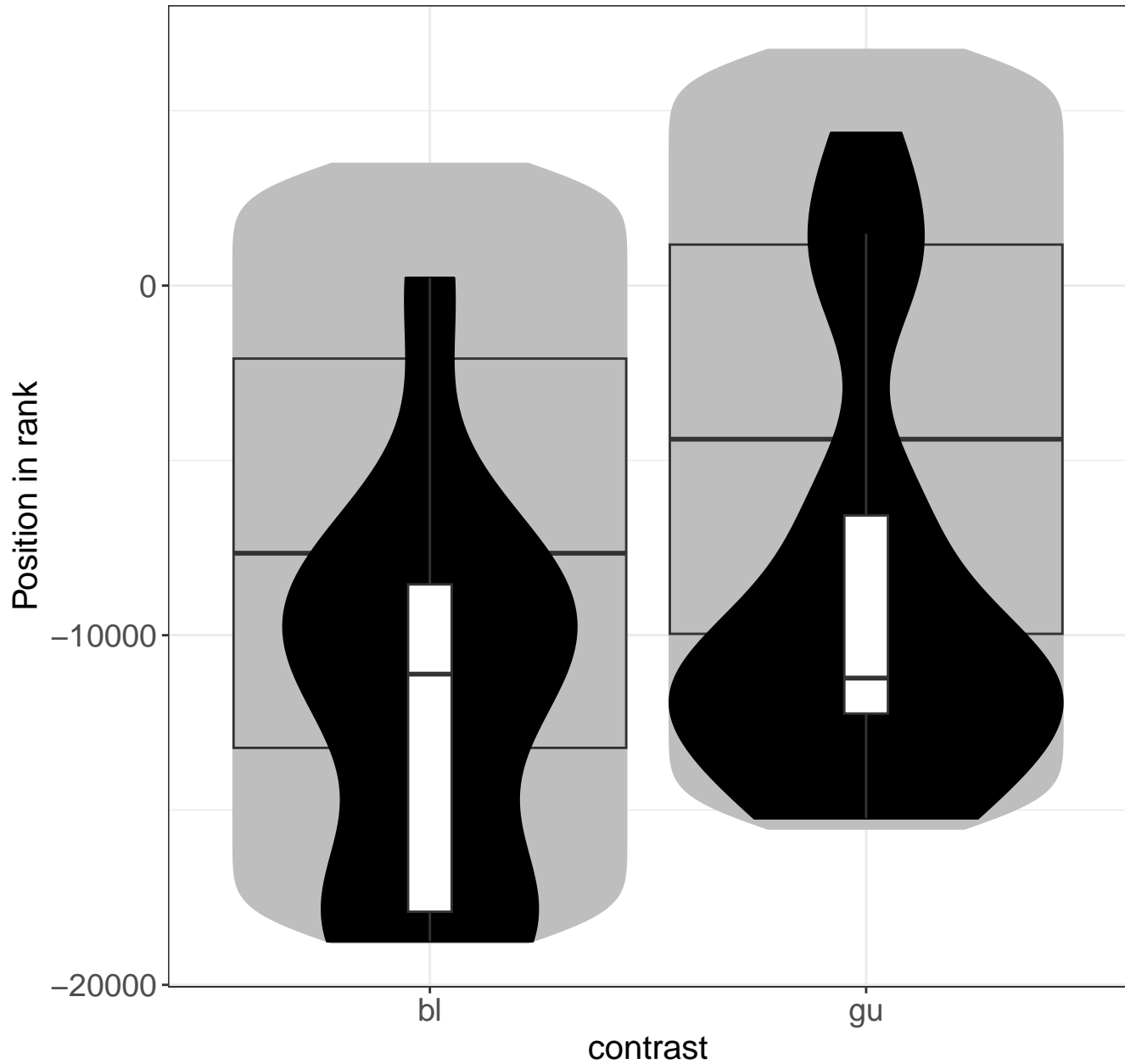
GOBP URONIC ACID METABOLIC PROCESS



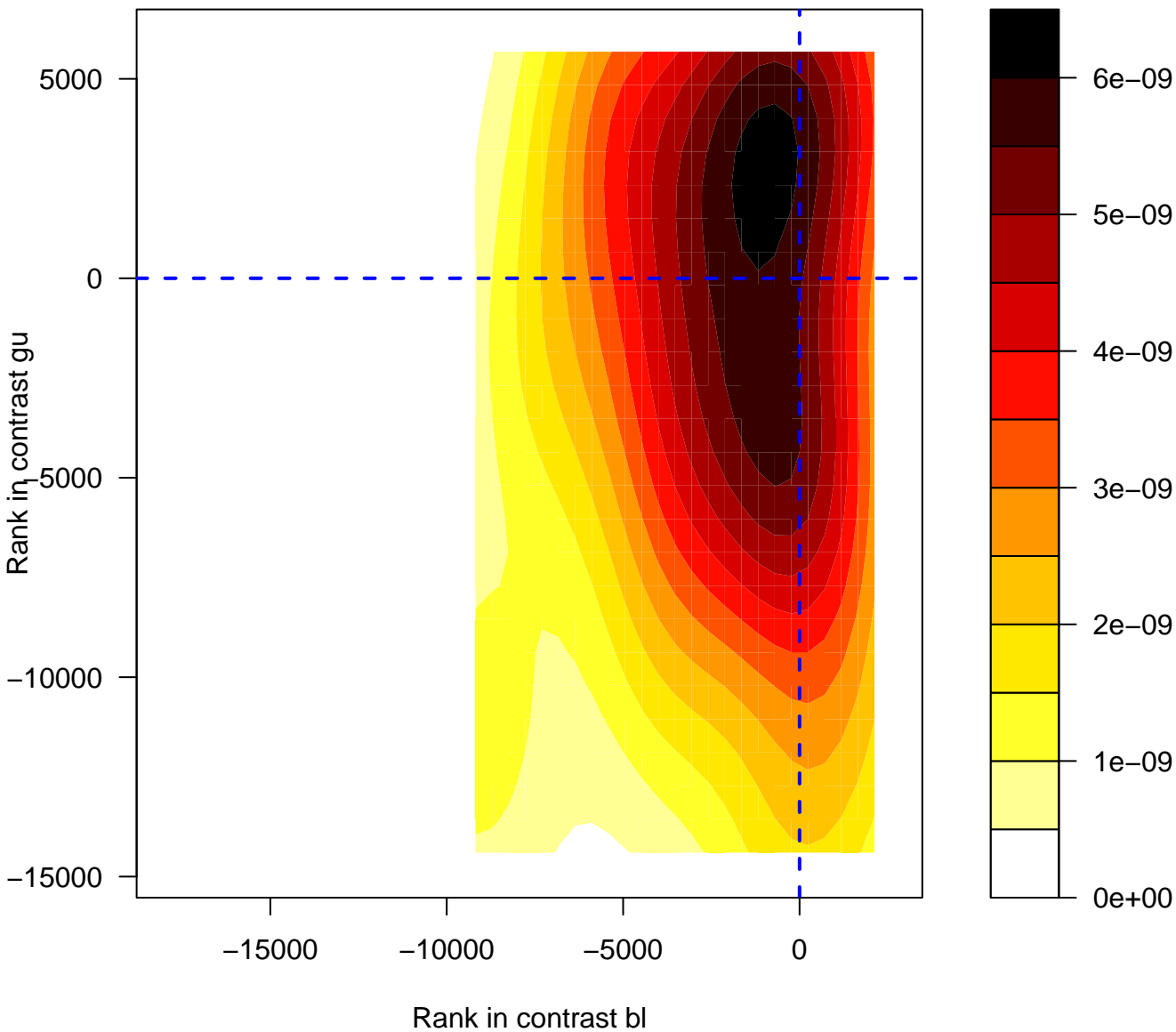
GOBP URONIC ACID METABOLIC PROCESS



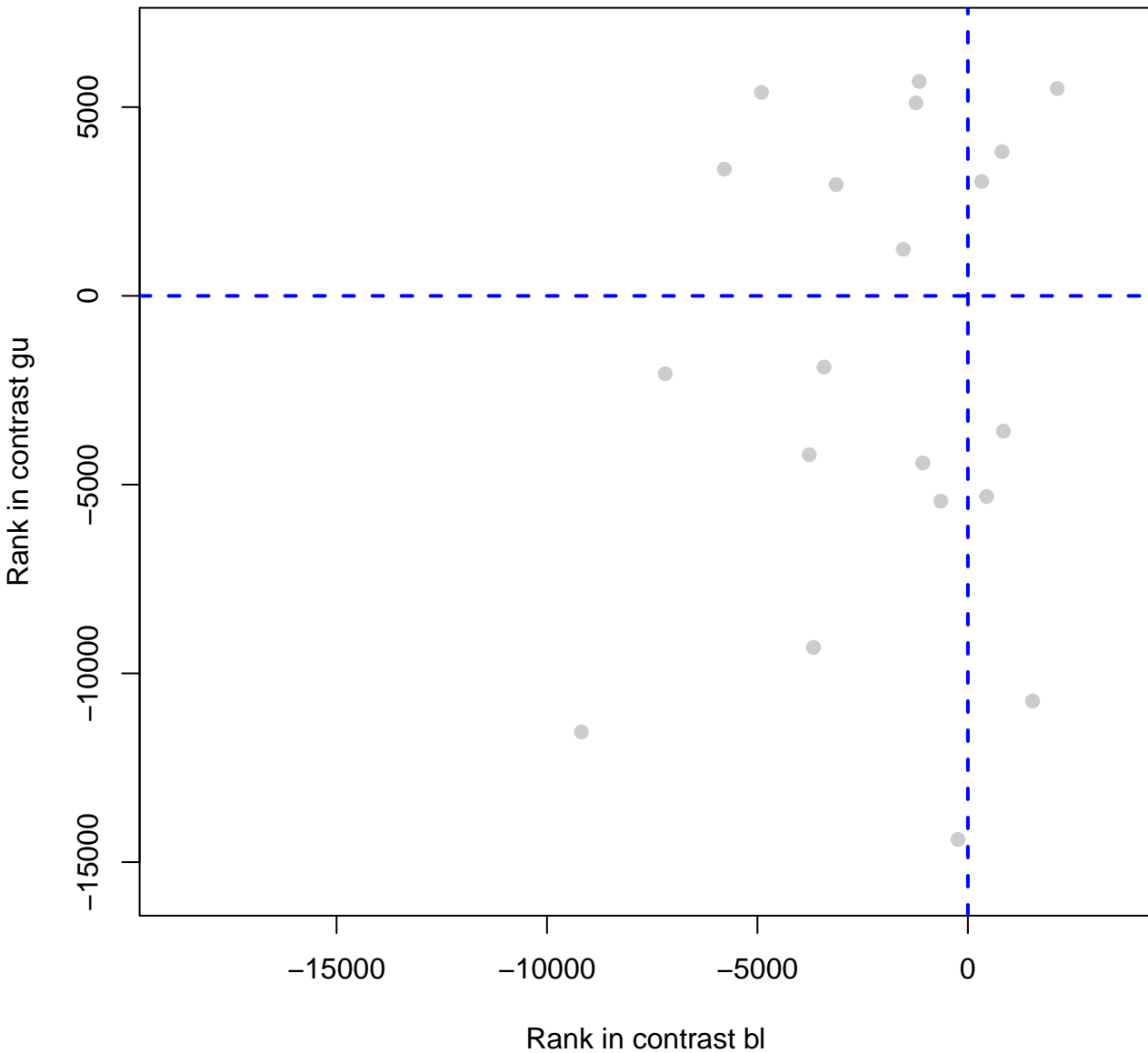
GOBP URONIC ACID METABOLIC PROCESS



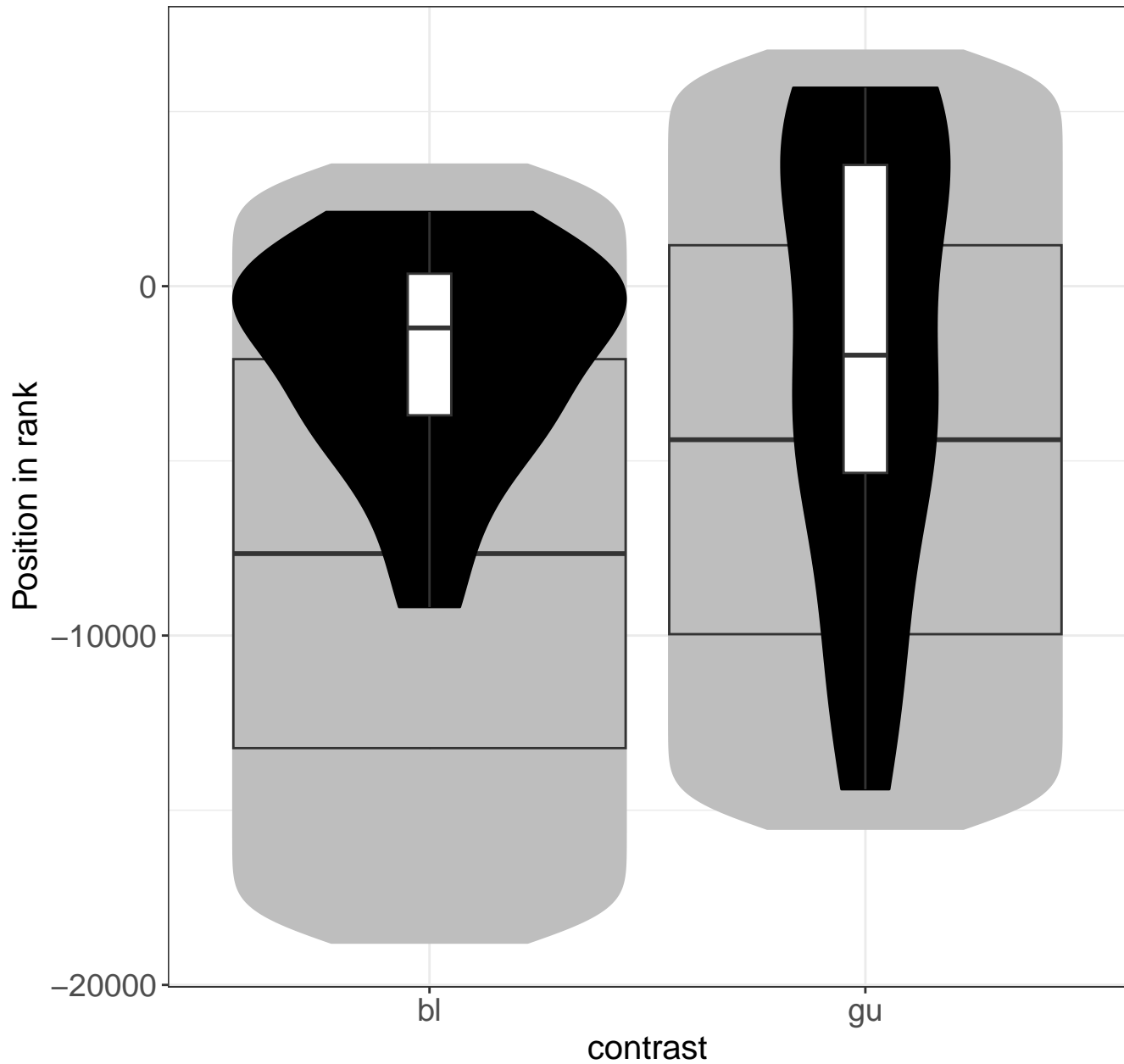
GOCC PROTEASOME CORE COMPLEX



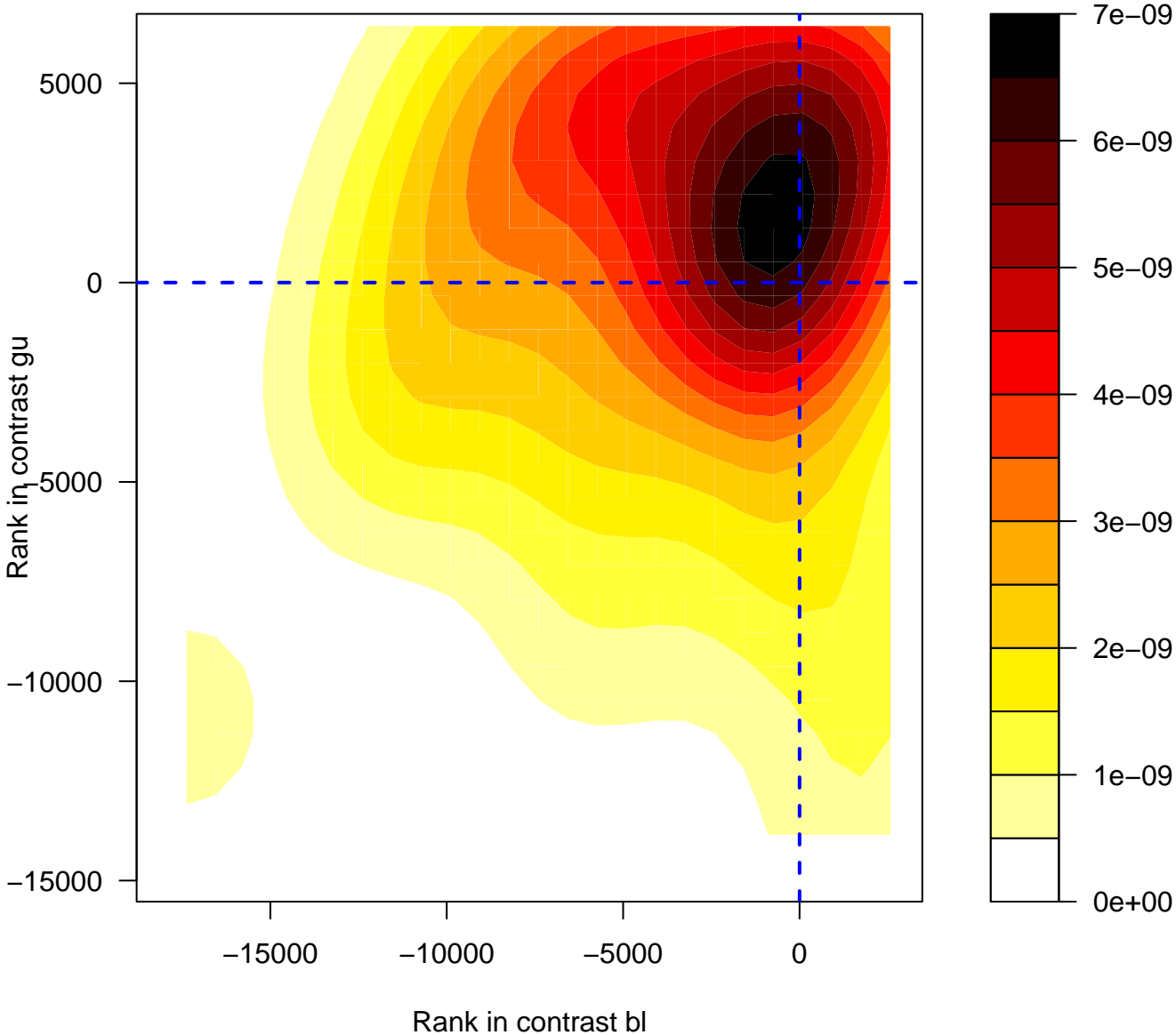
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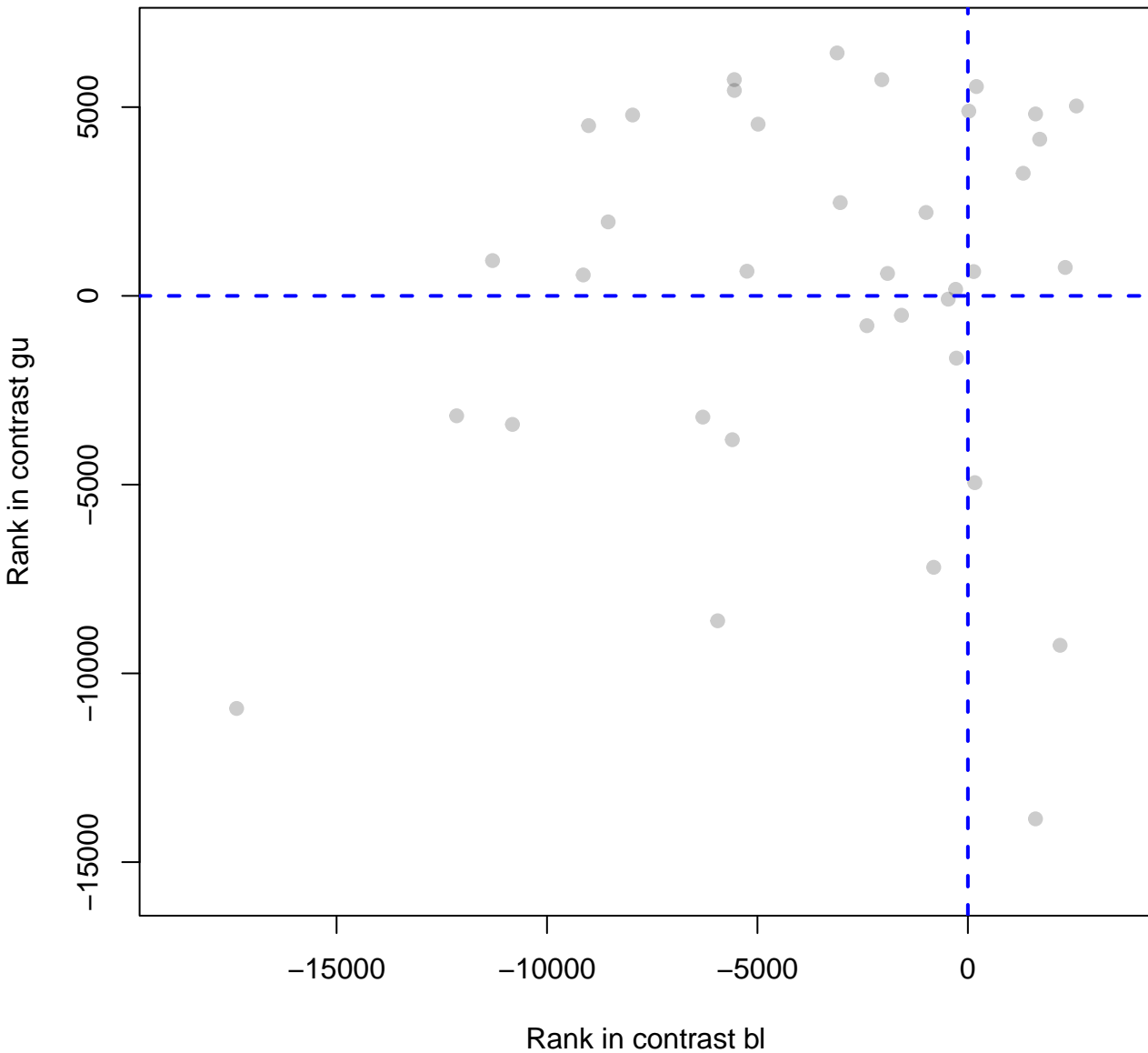
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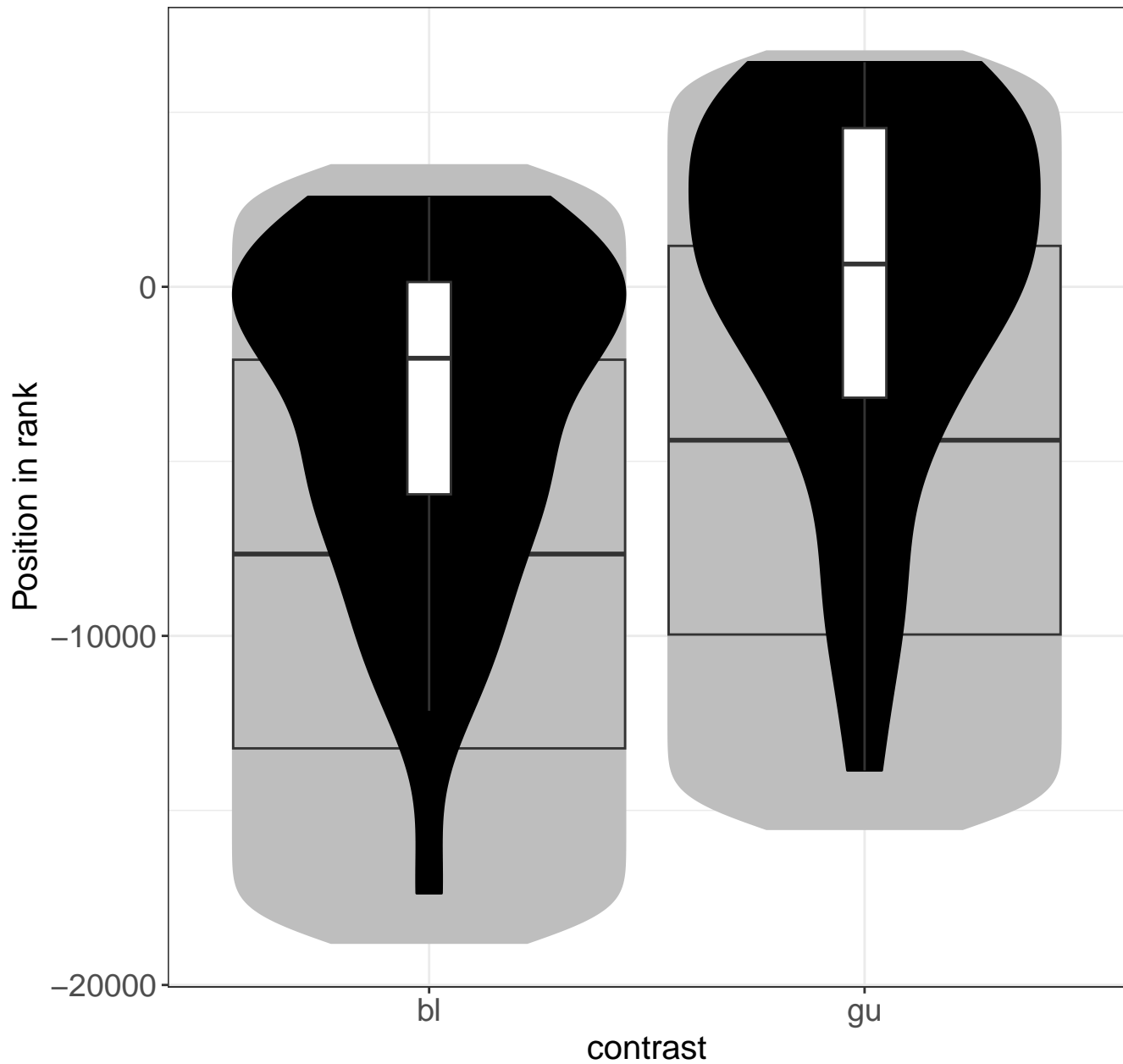
GOMF NAD P H DEHYDROGENASE QUINONE ACTIVITY



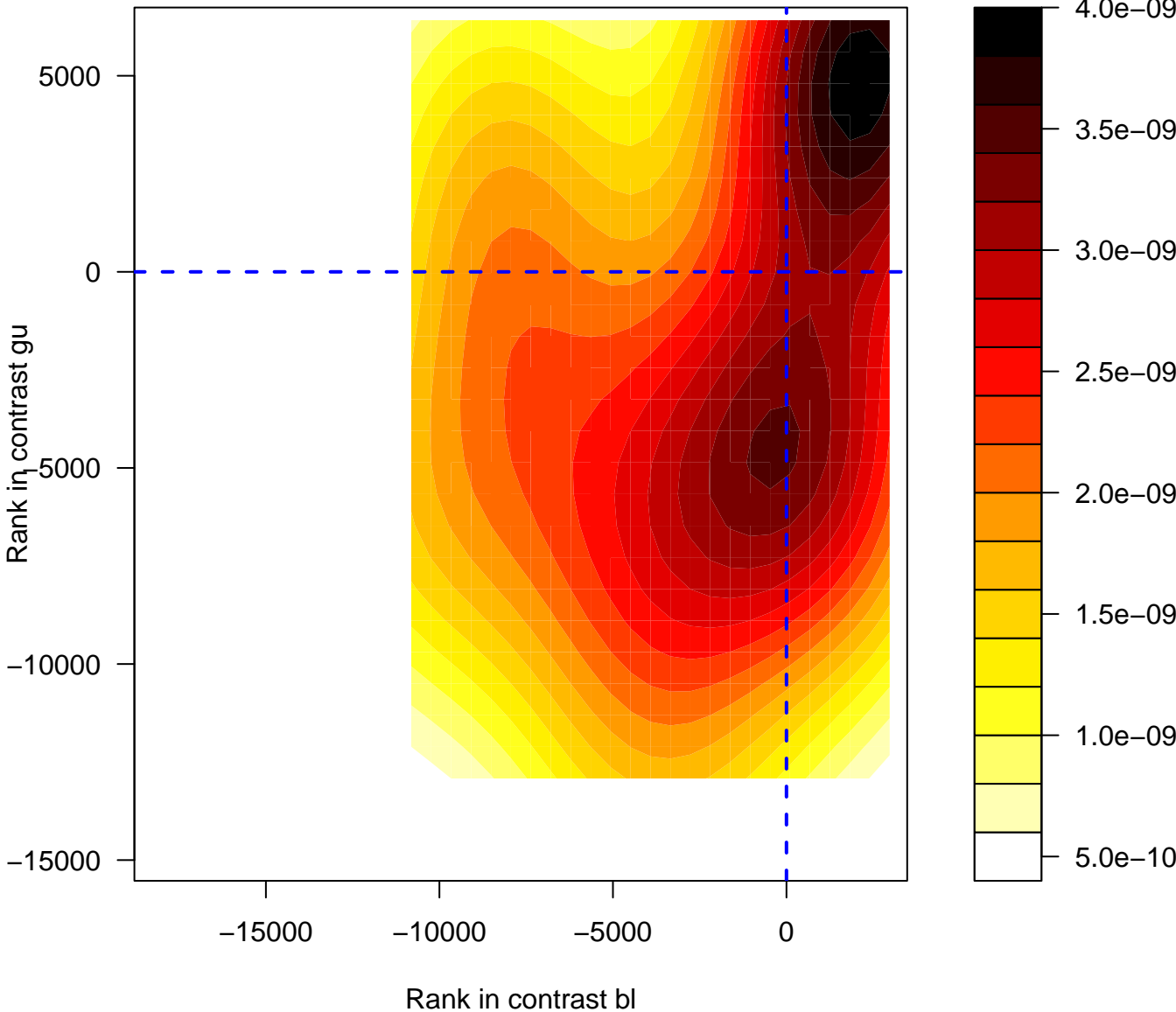
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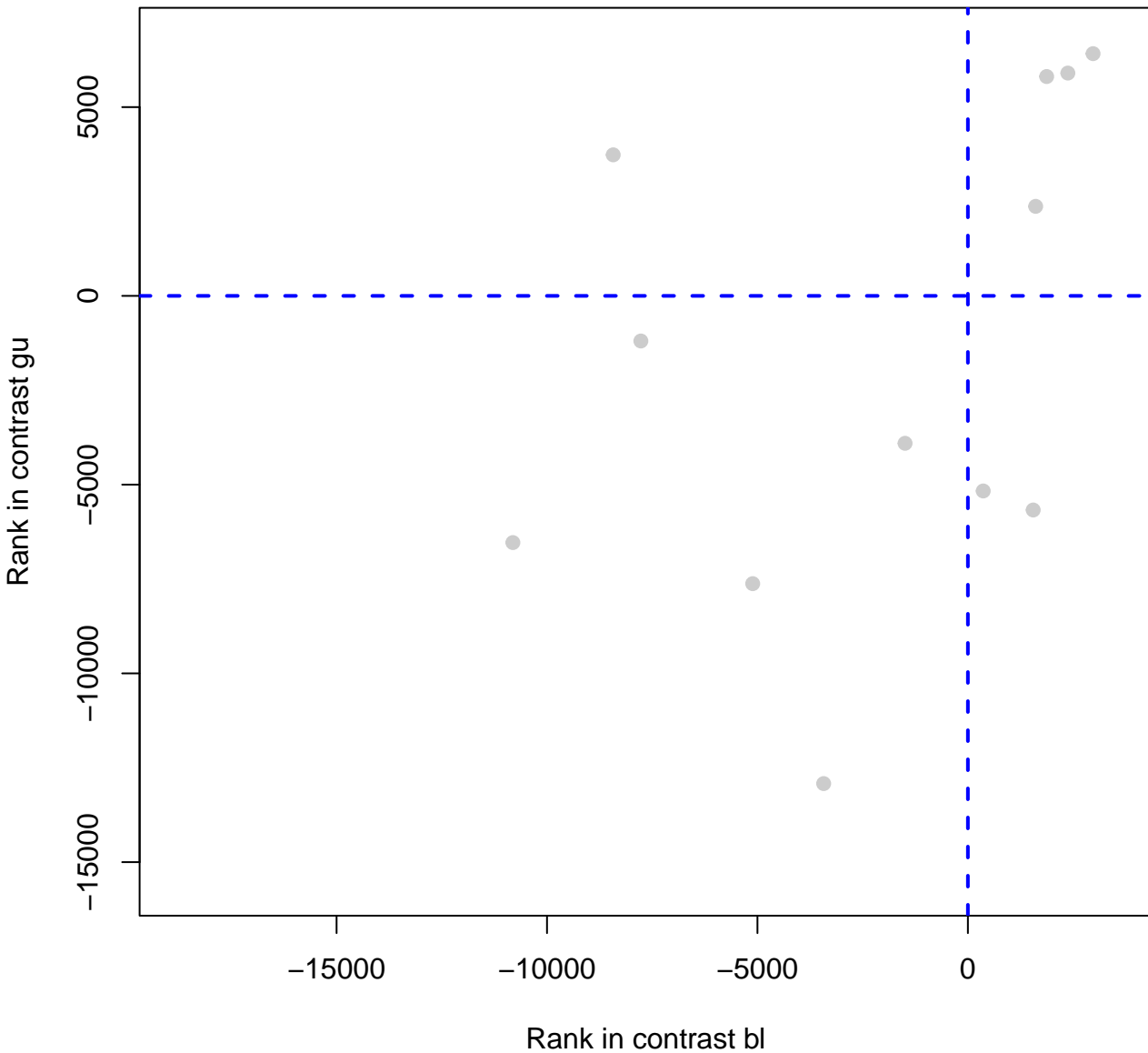
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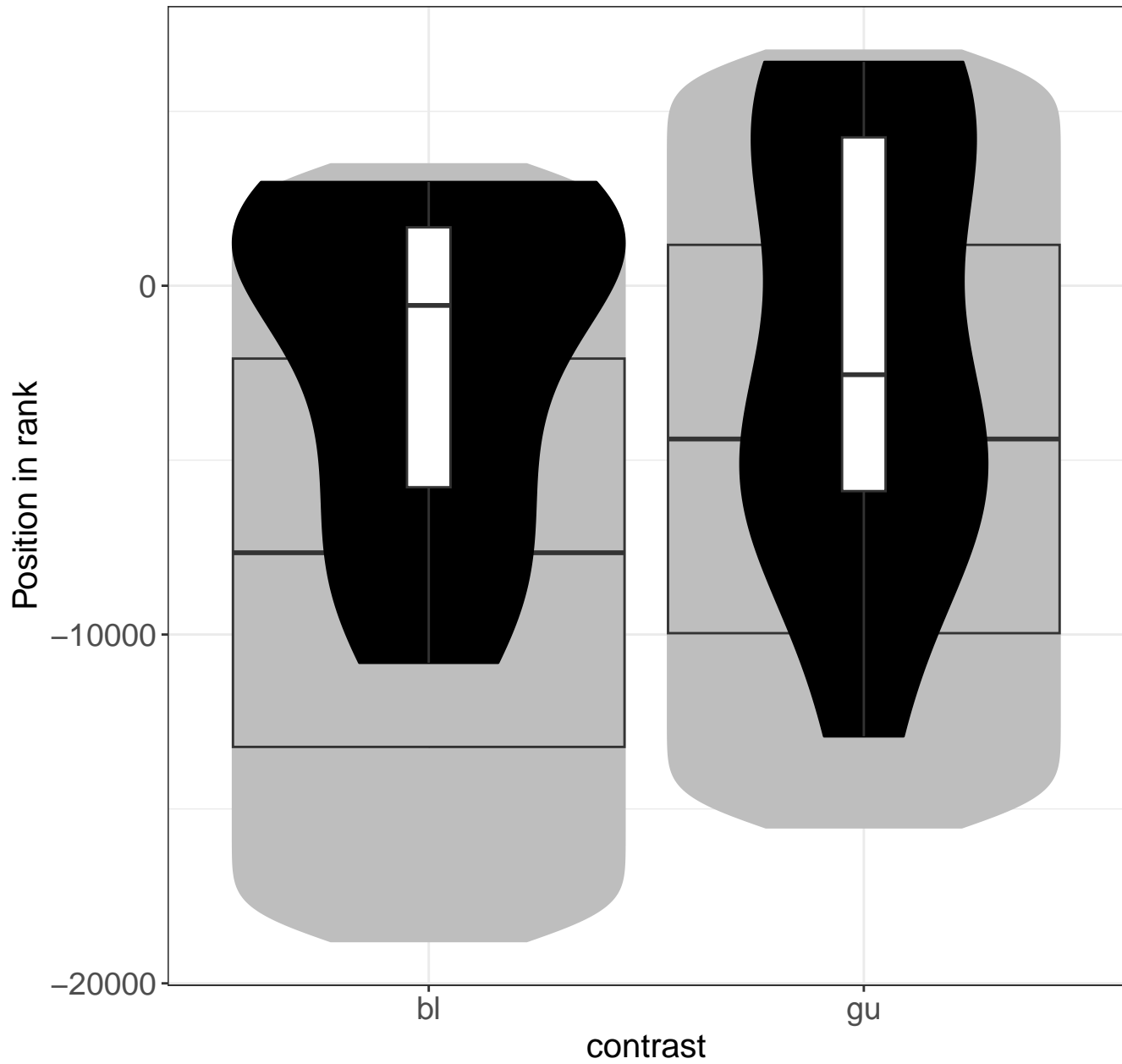
GOMF RIBONUCLEASE P ACTIVITY



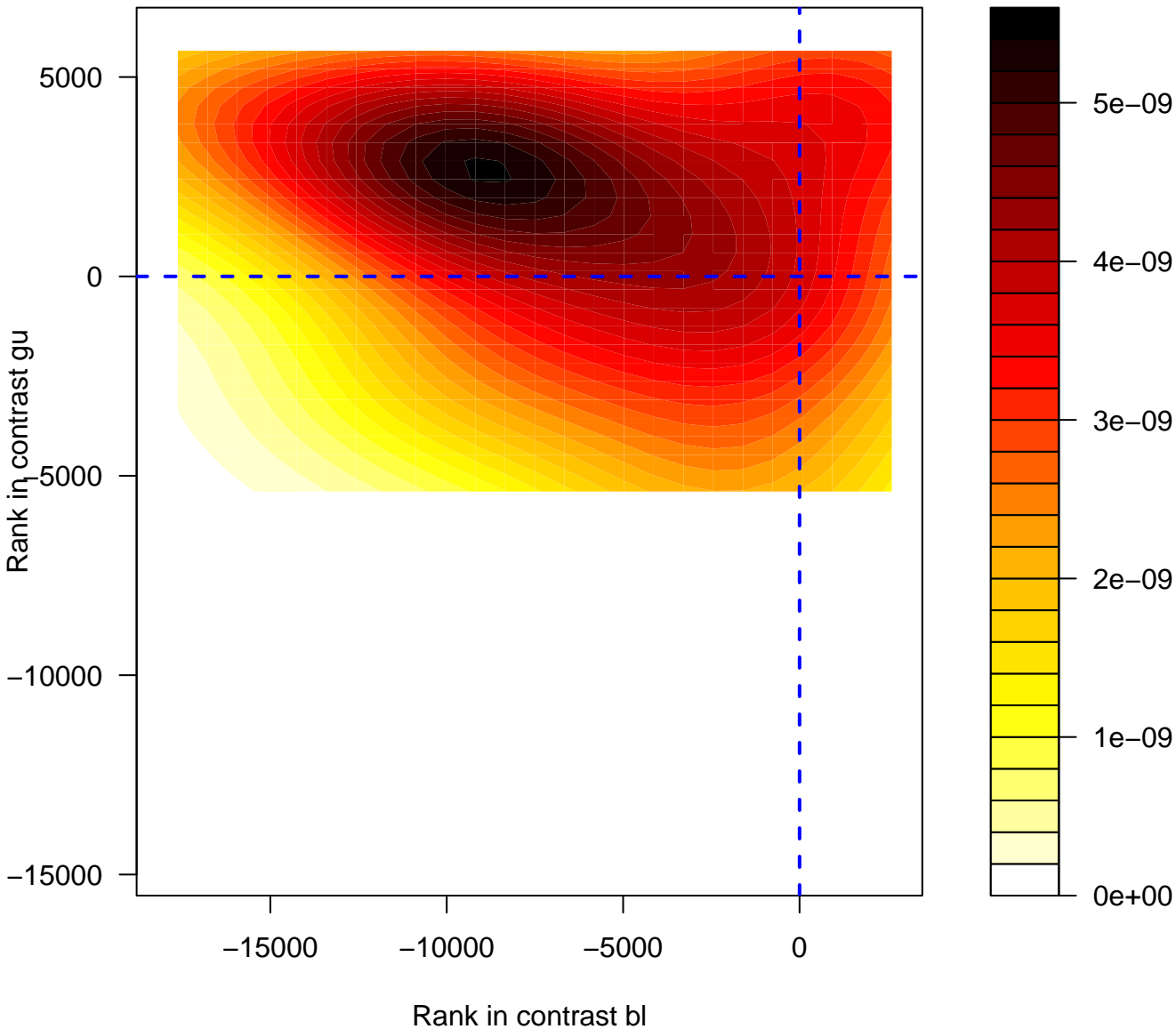
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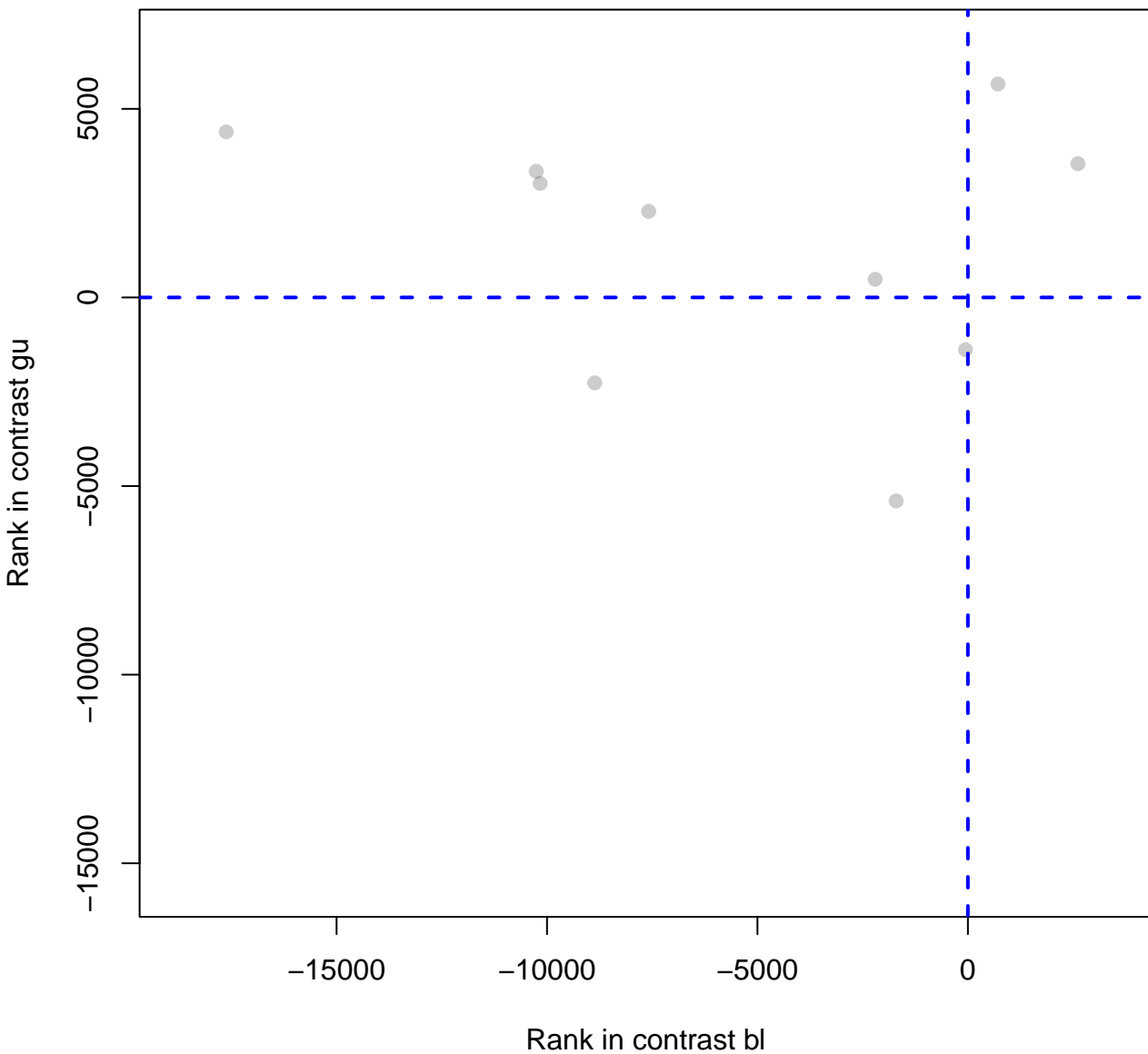
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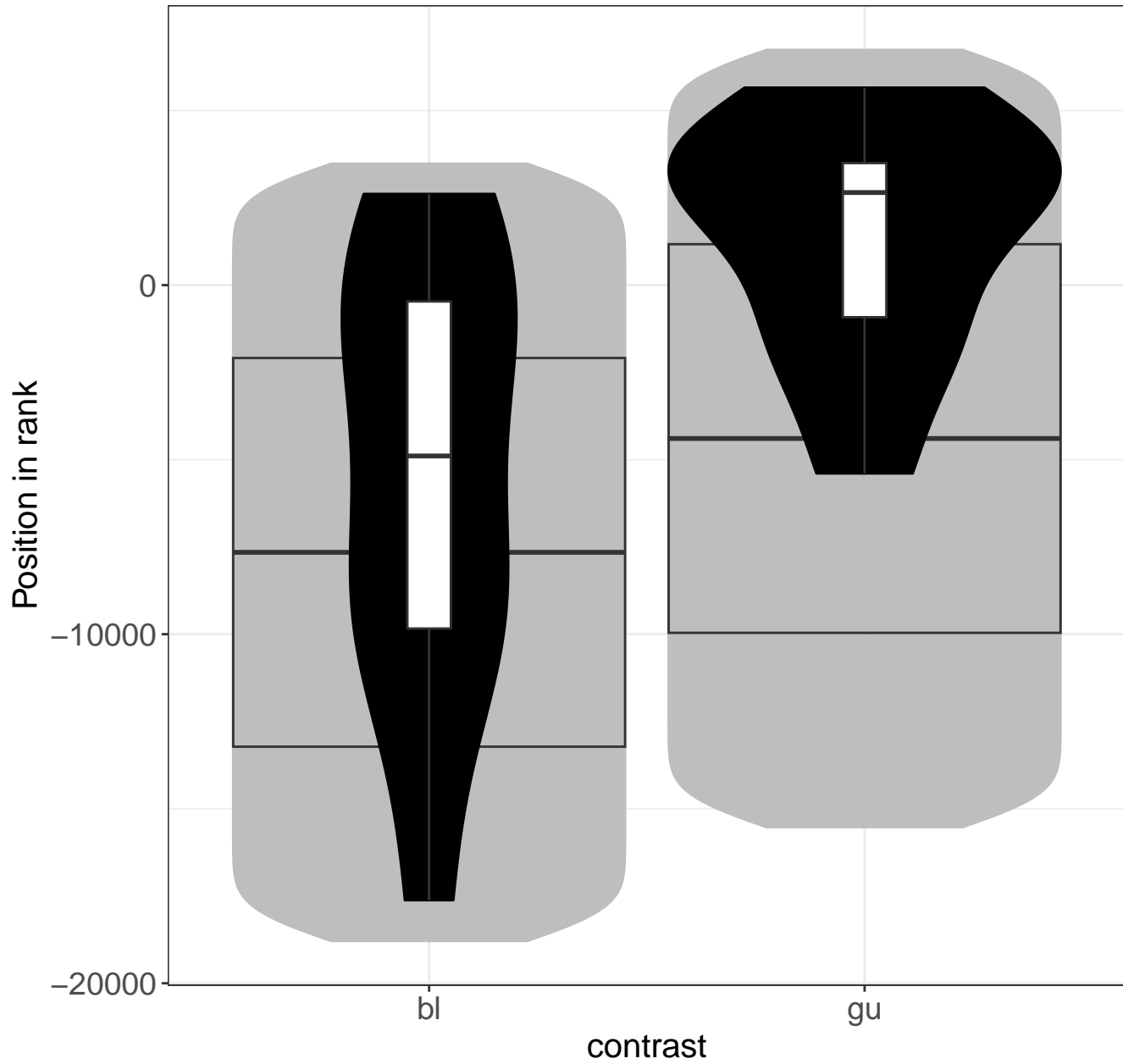
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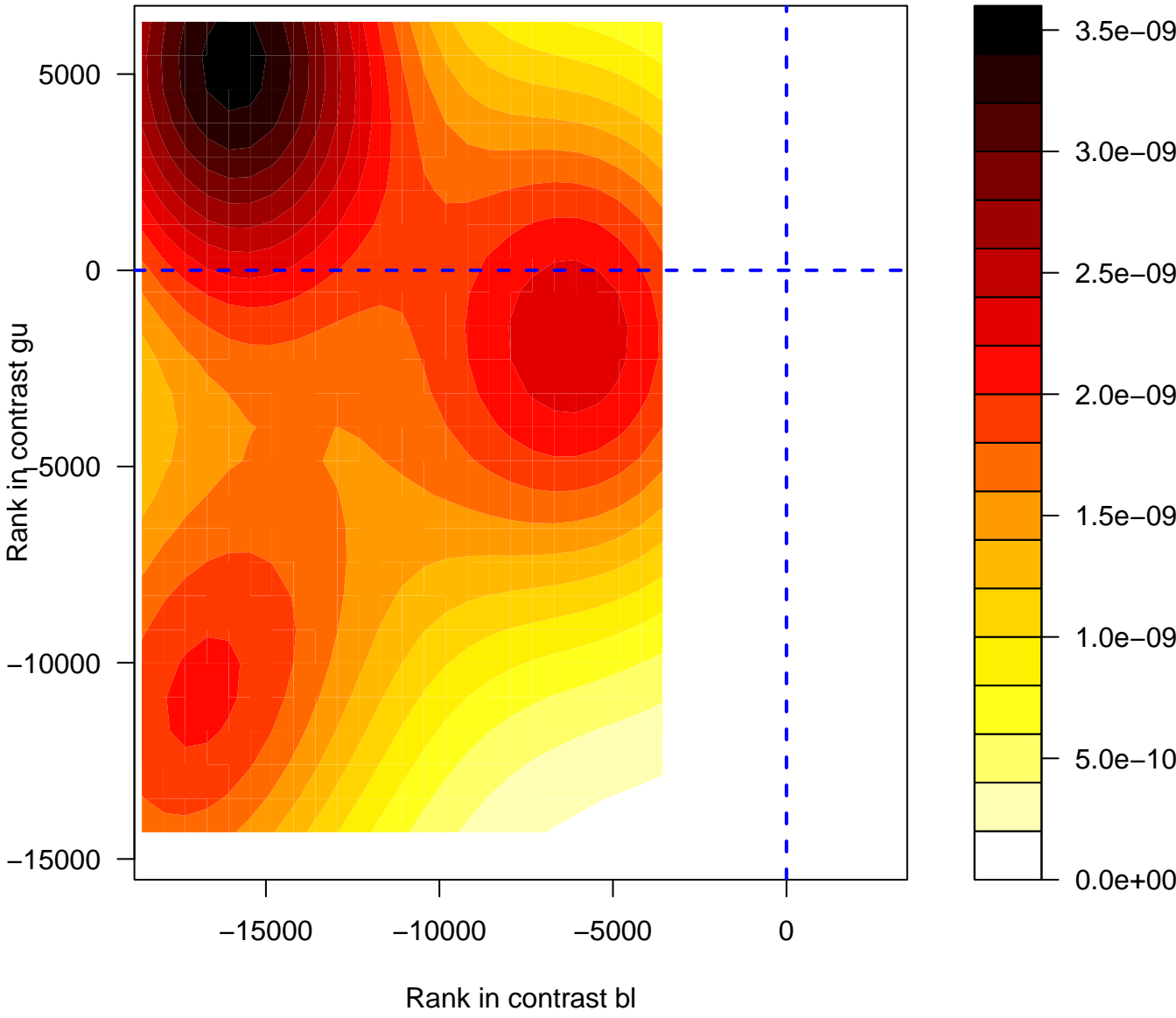
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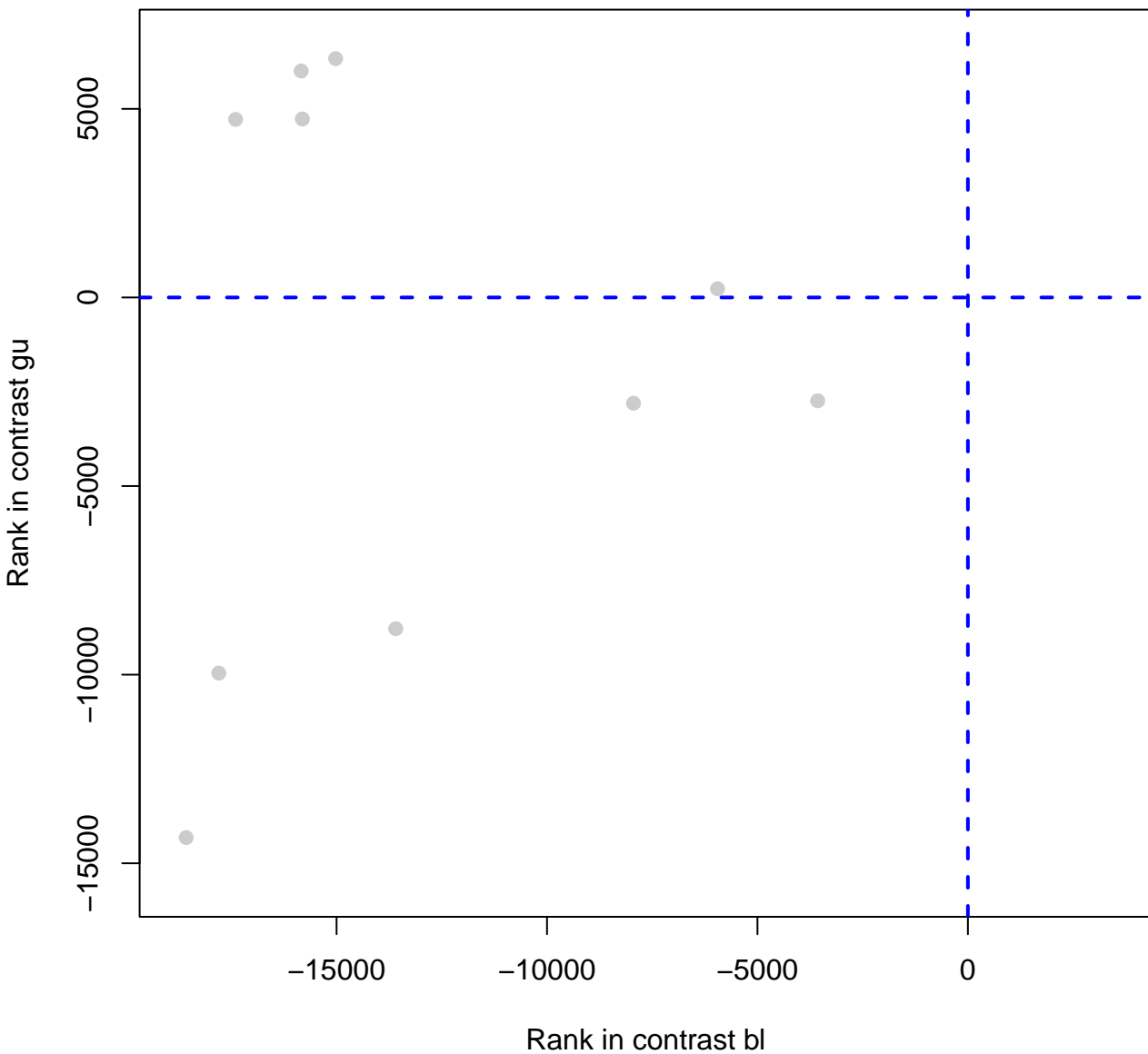
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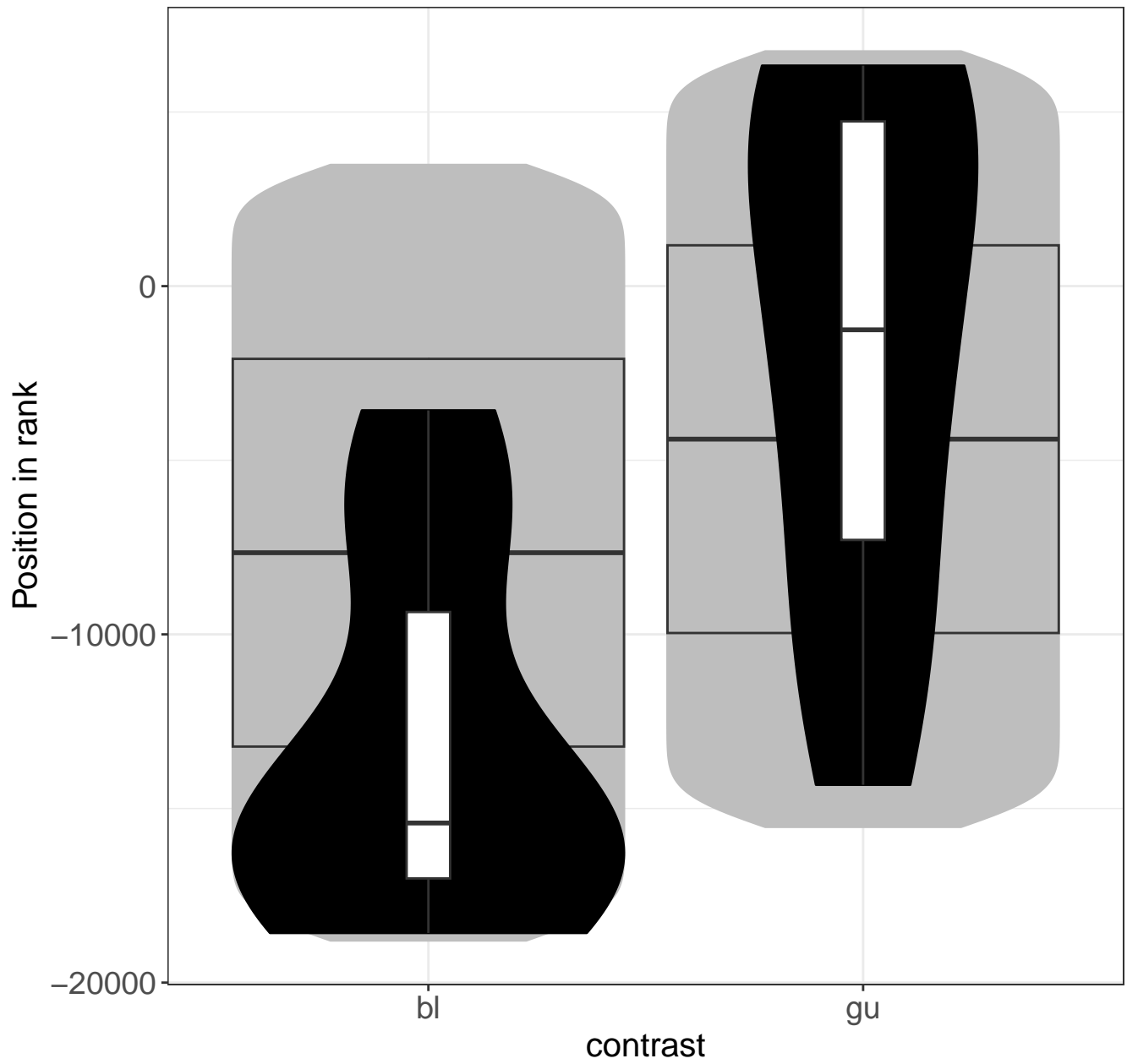
GOBP REGULATION OF MATRIX METALLOPEPTIDASE SECR



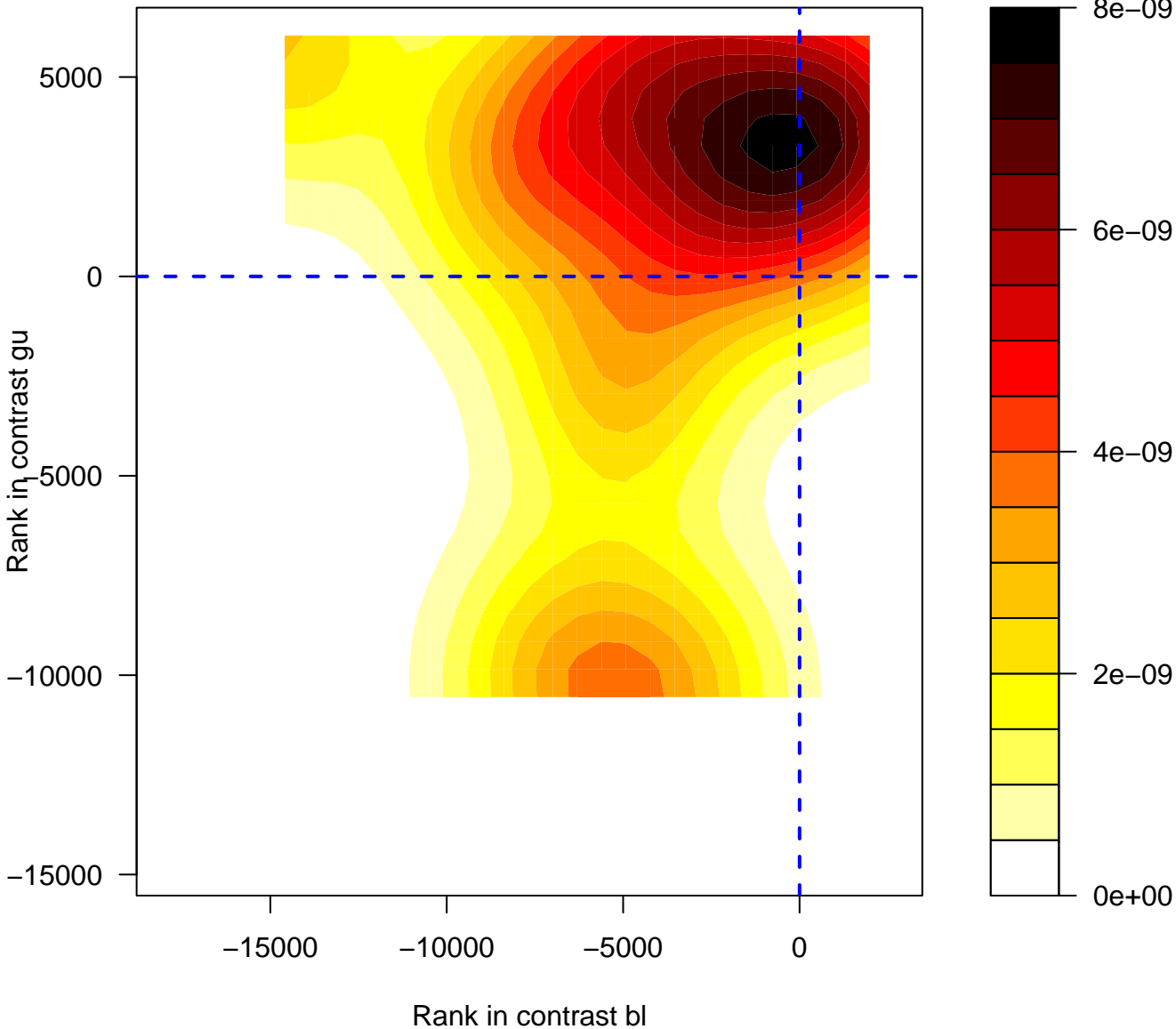
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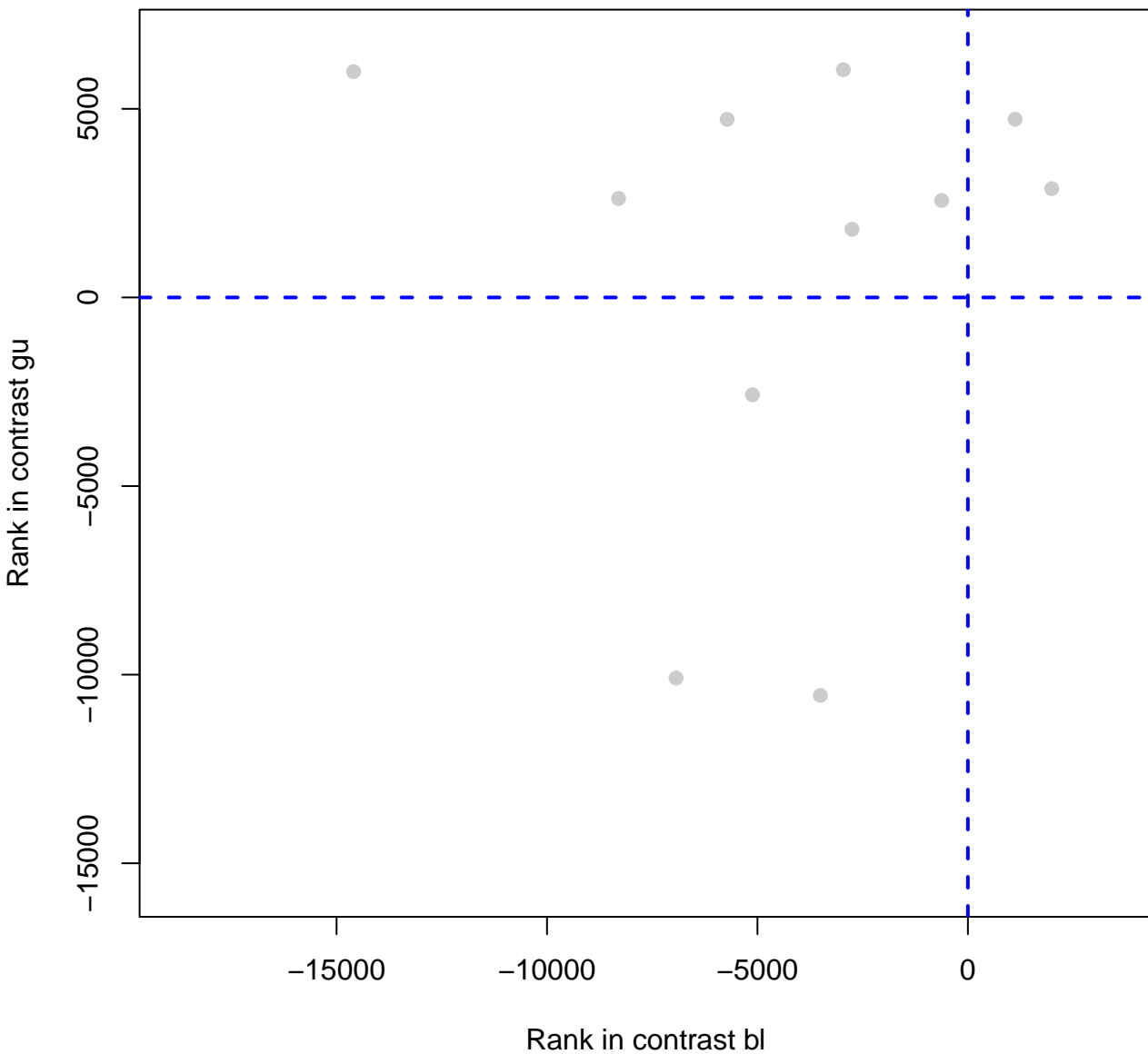
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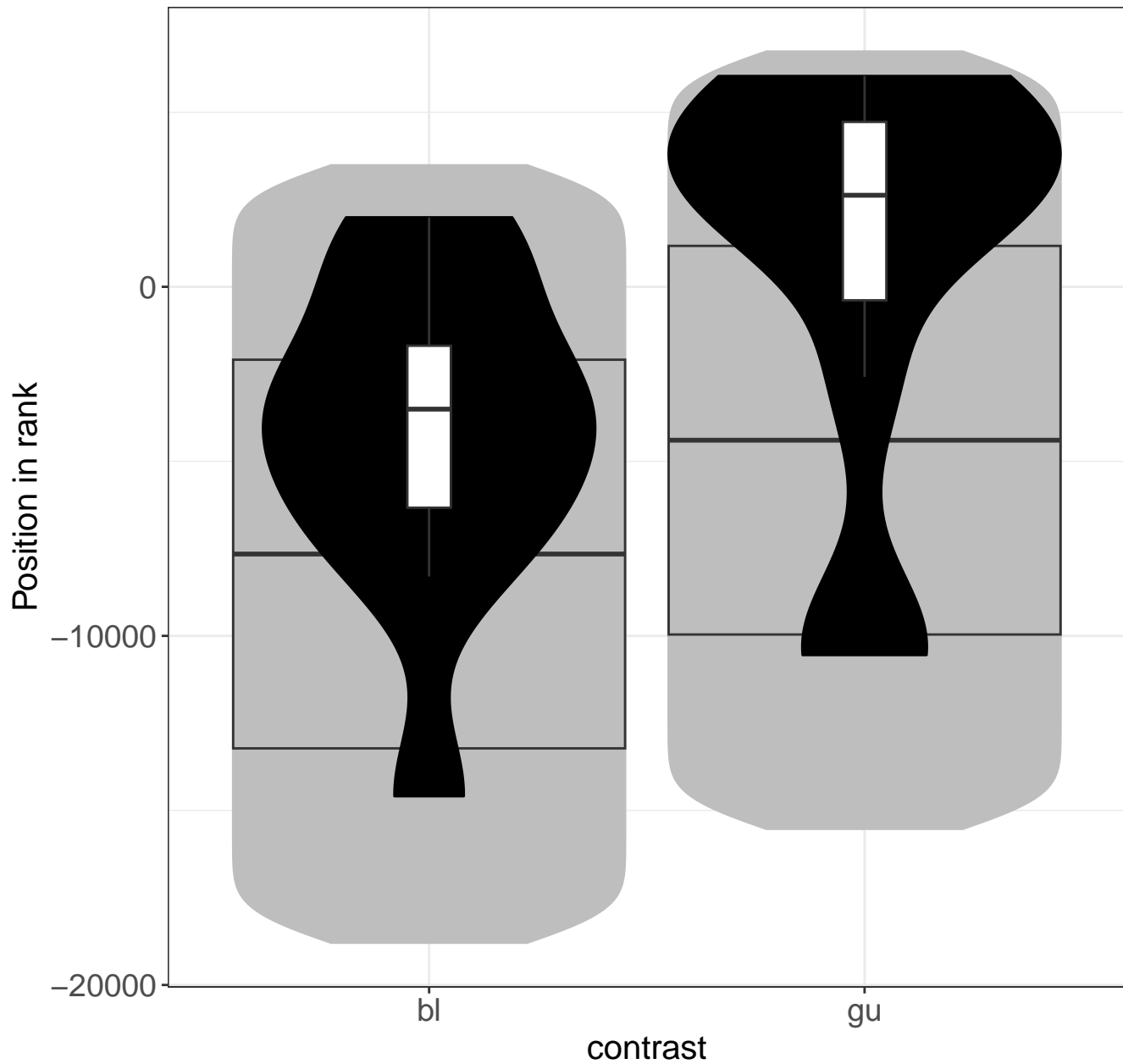
GOBP PANCREATIC A CELL DIFFERENTIATION



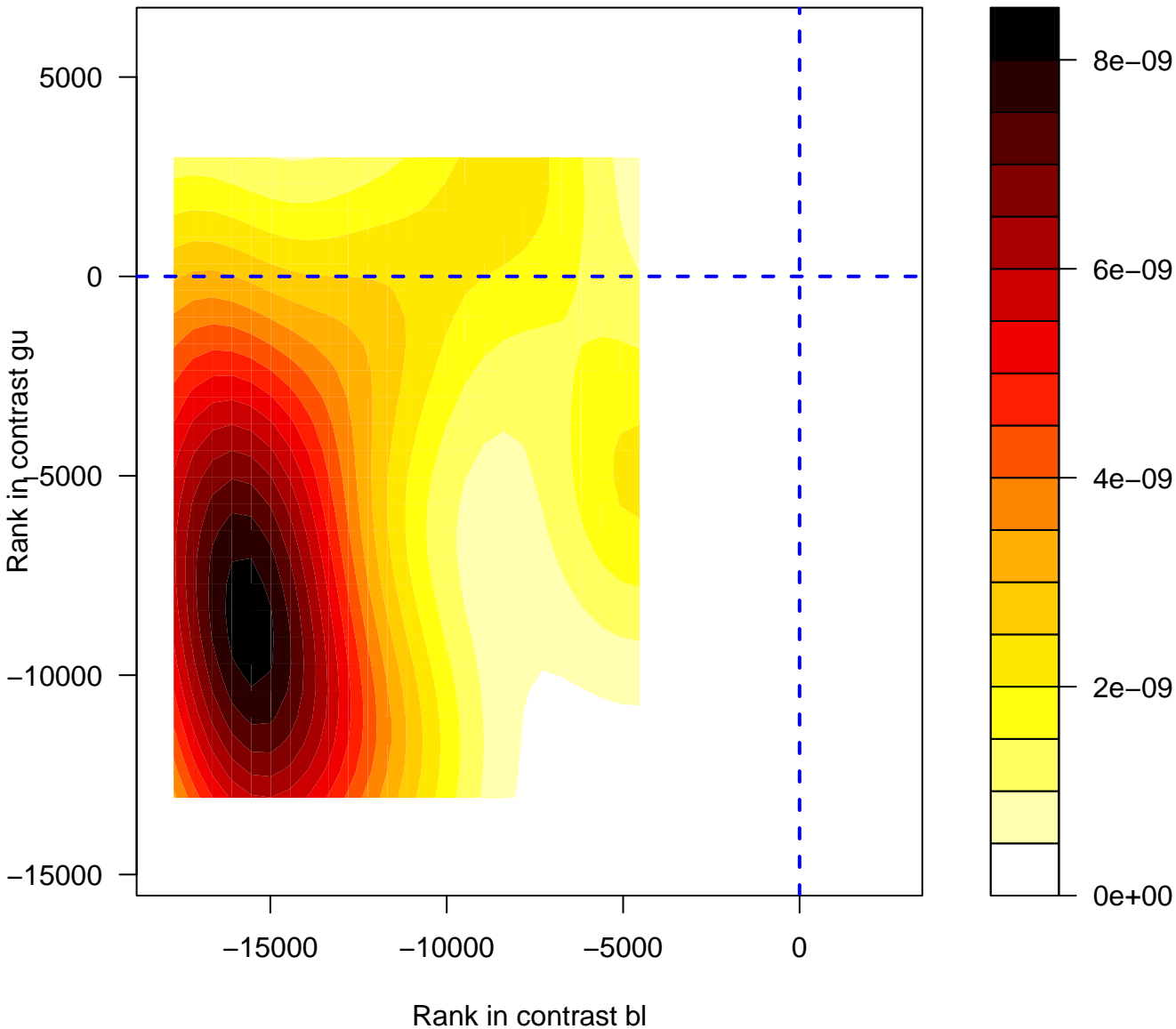
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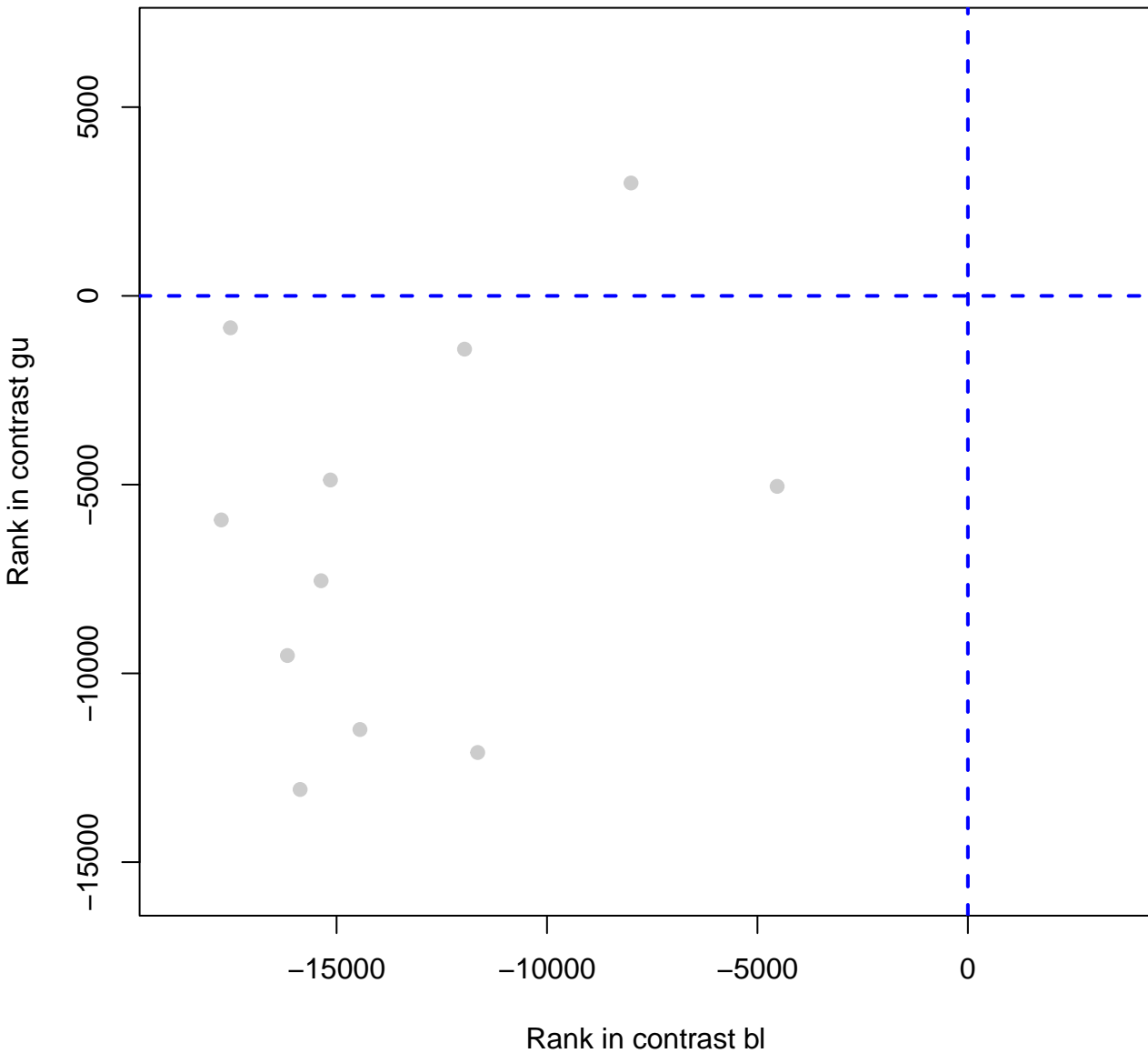
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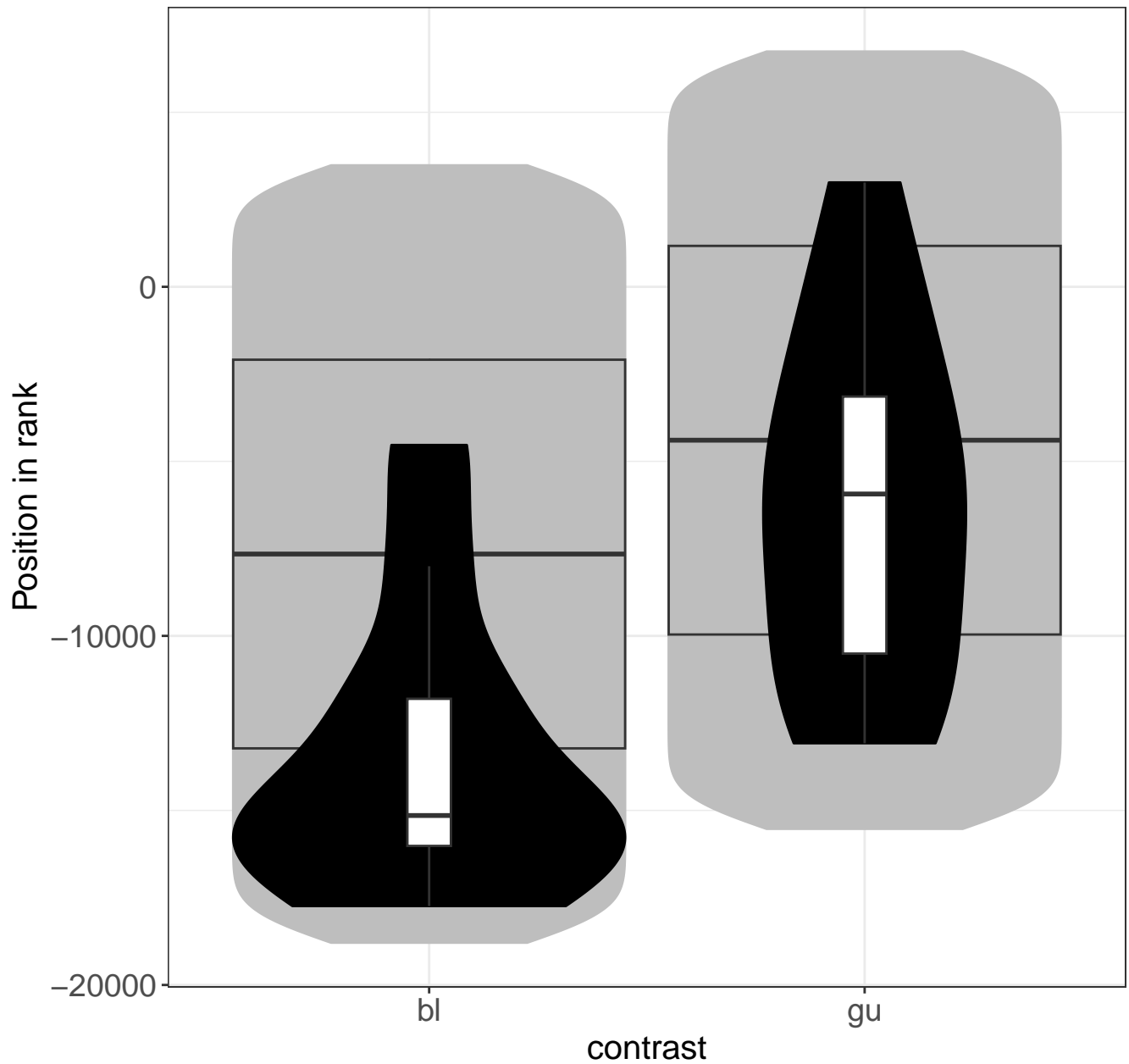
GOBP ANTRAL OVARIAN FOLLICLE GROWTH



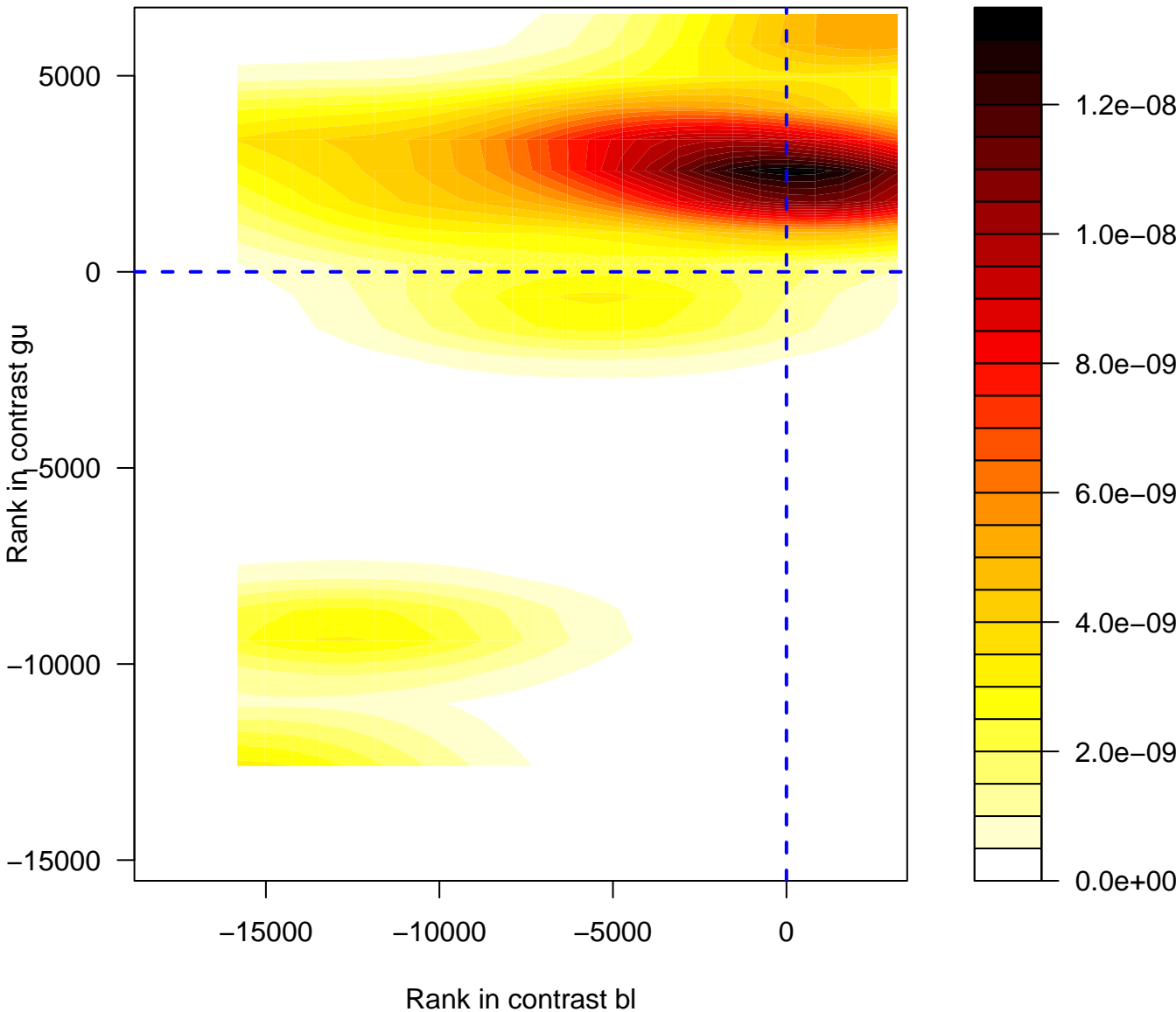
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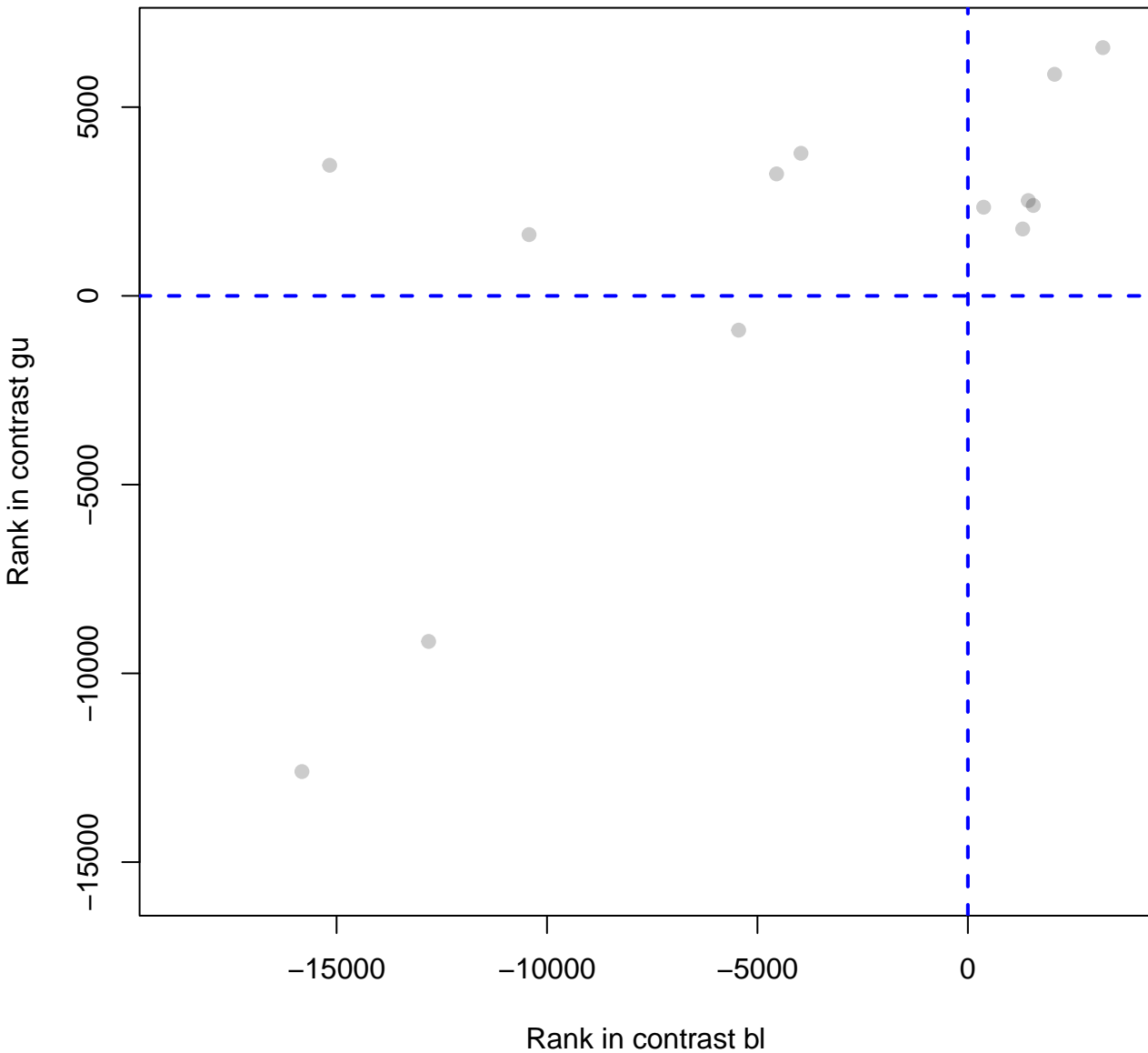
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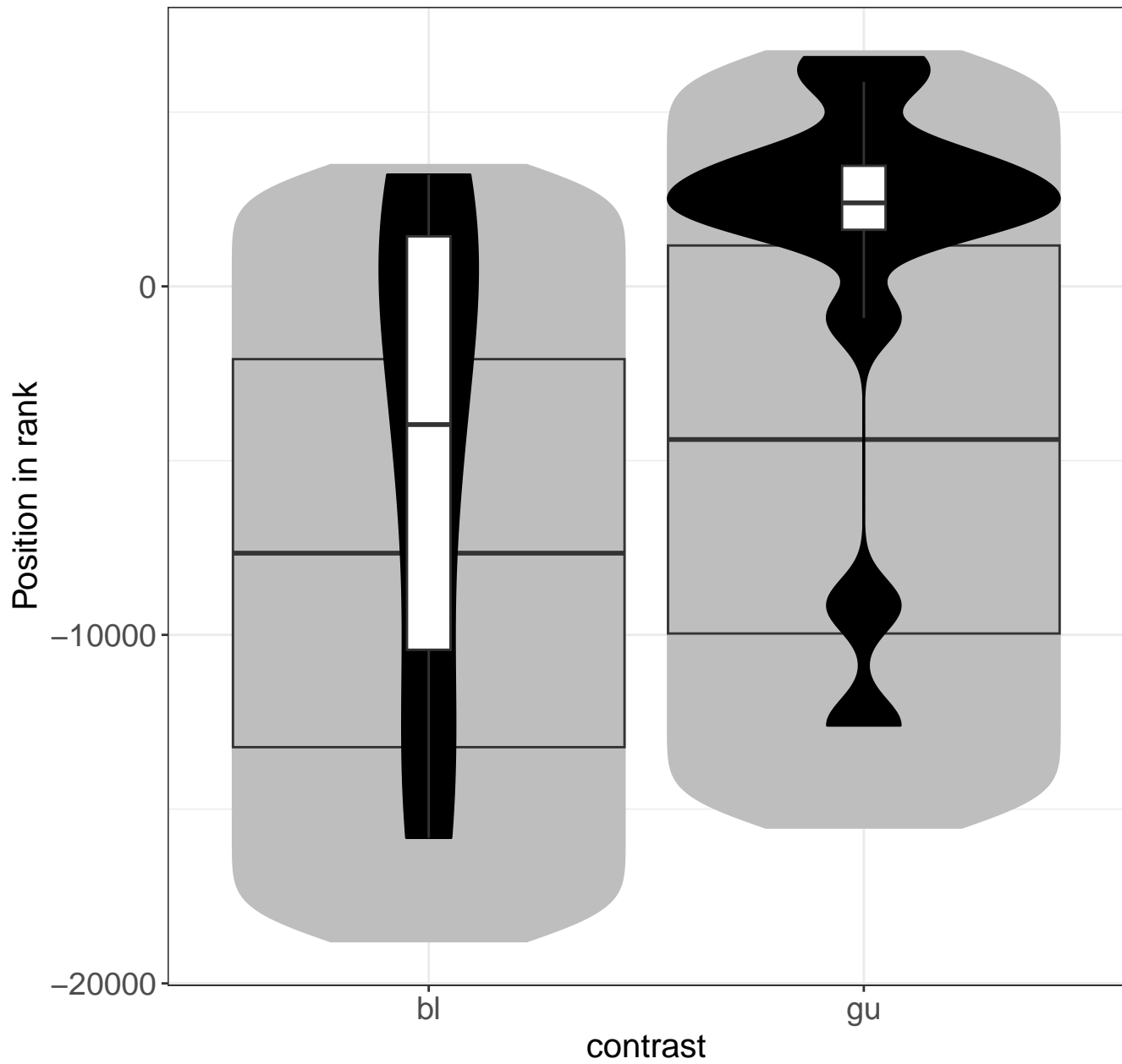
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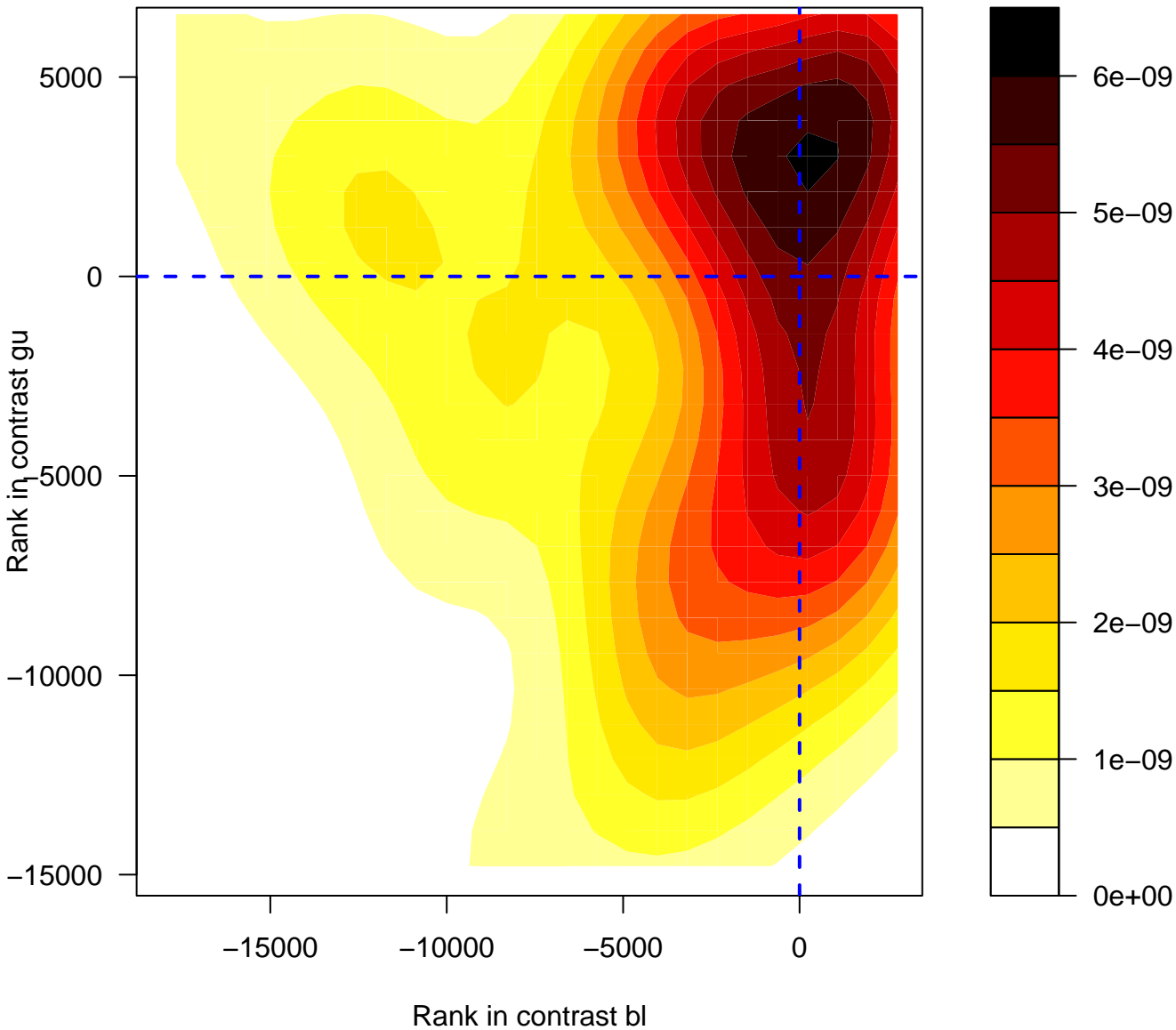
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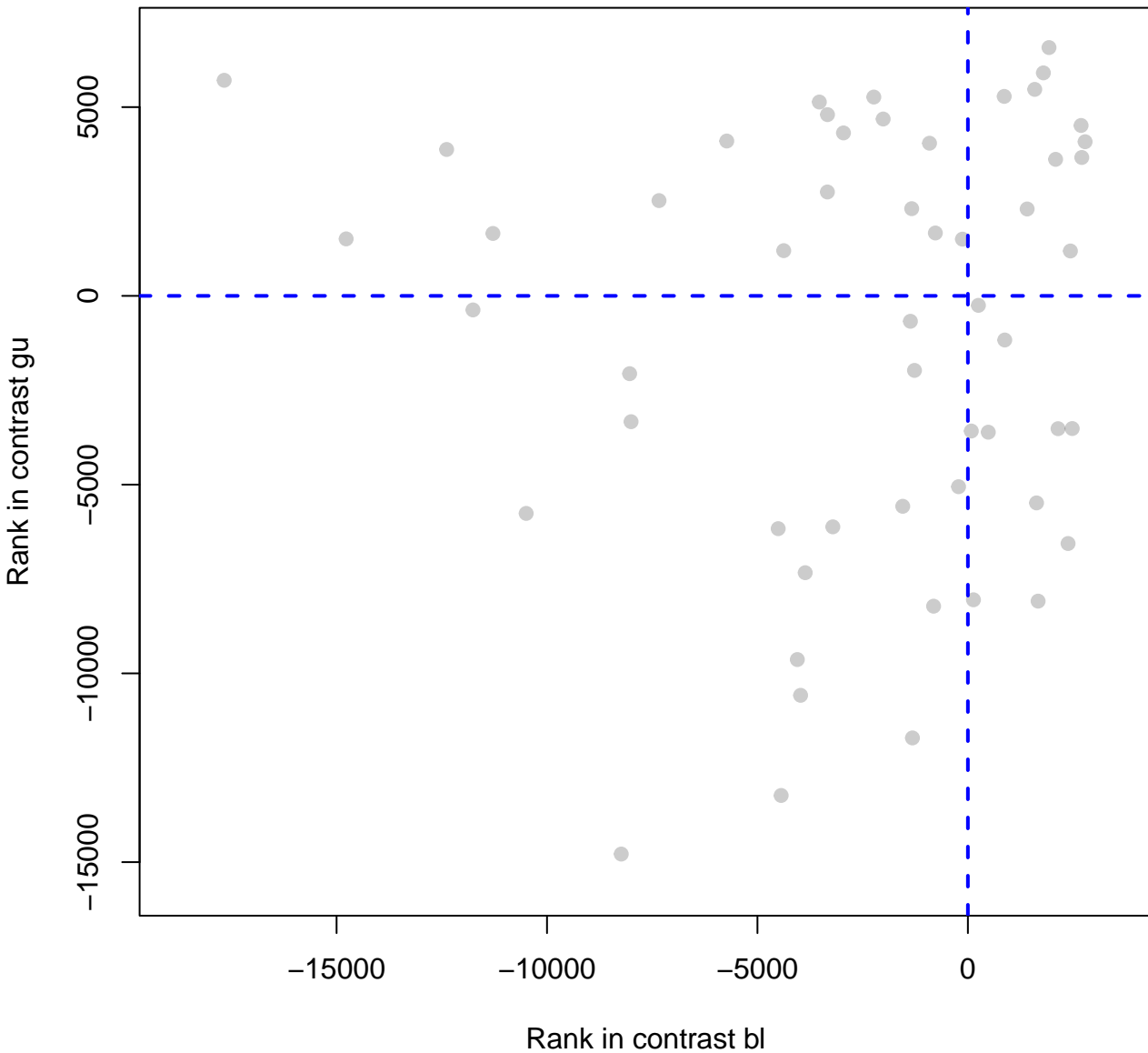
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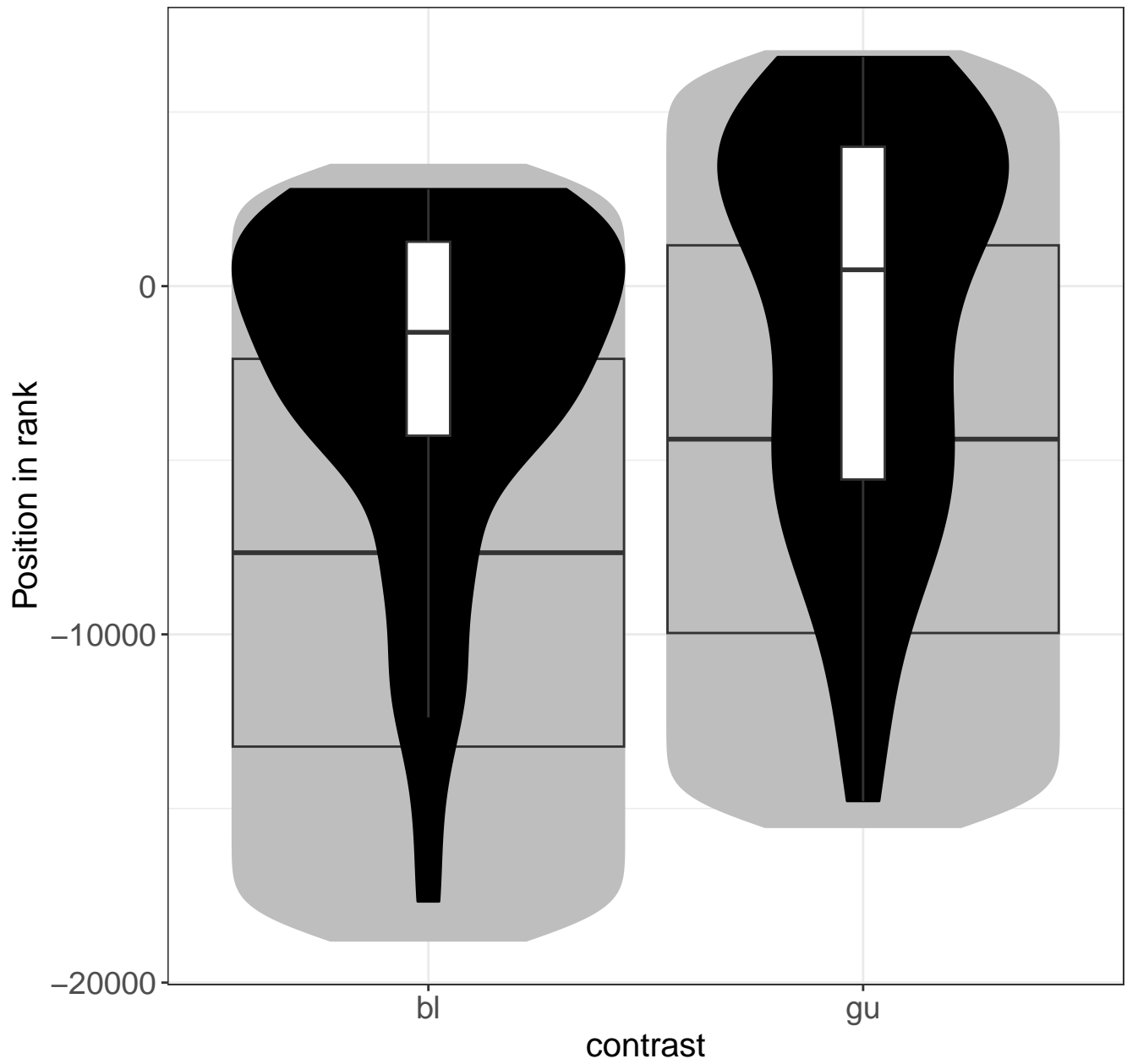
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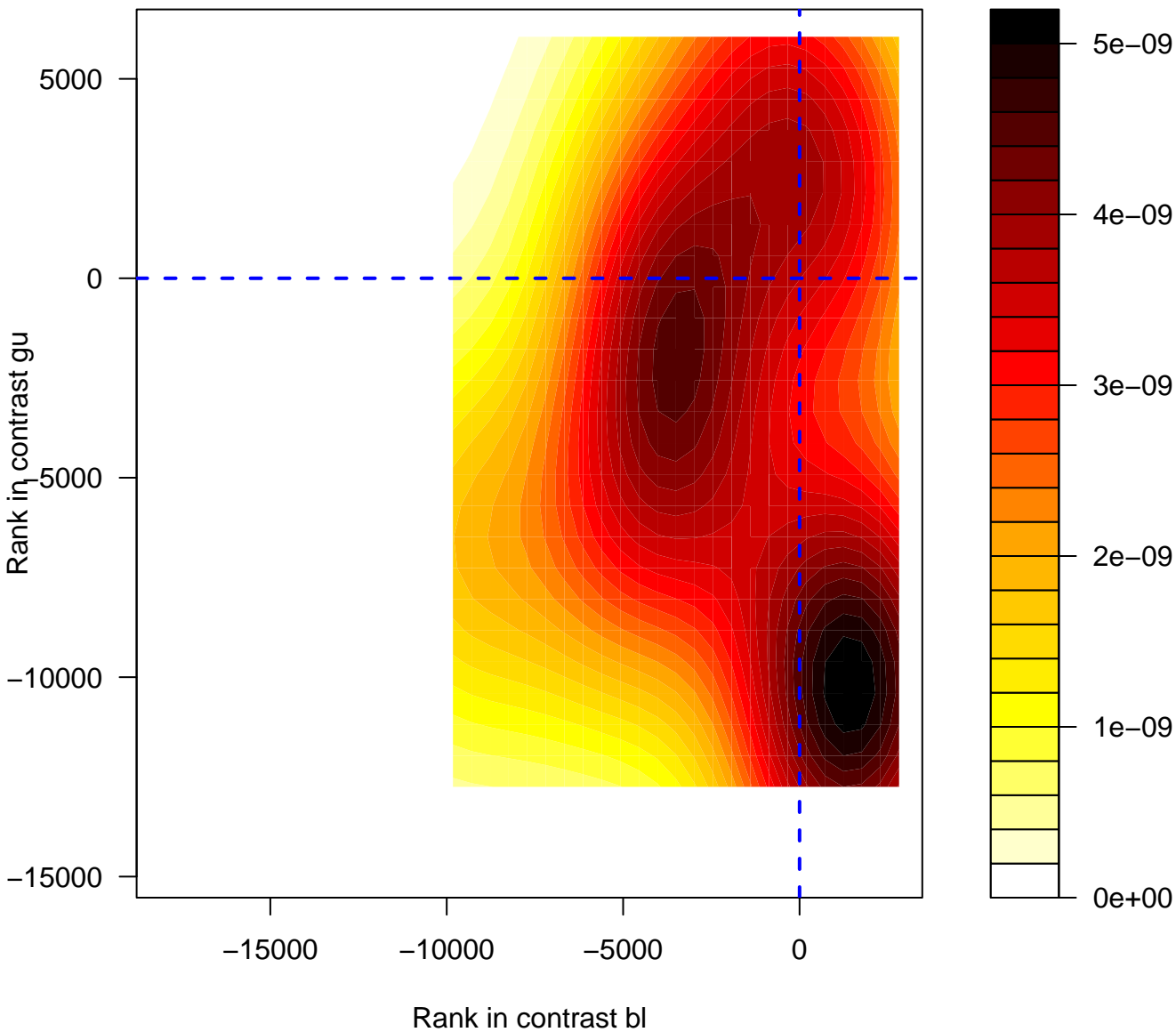
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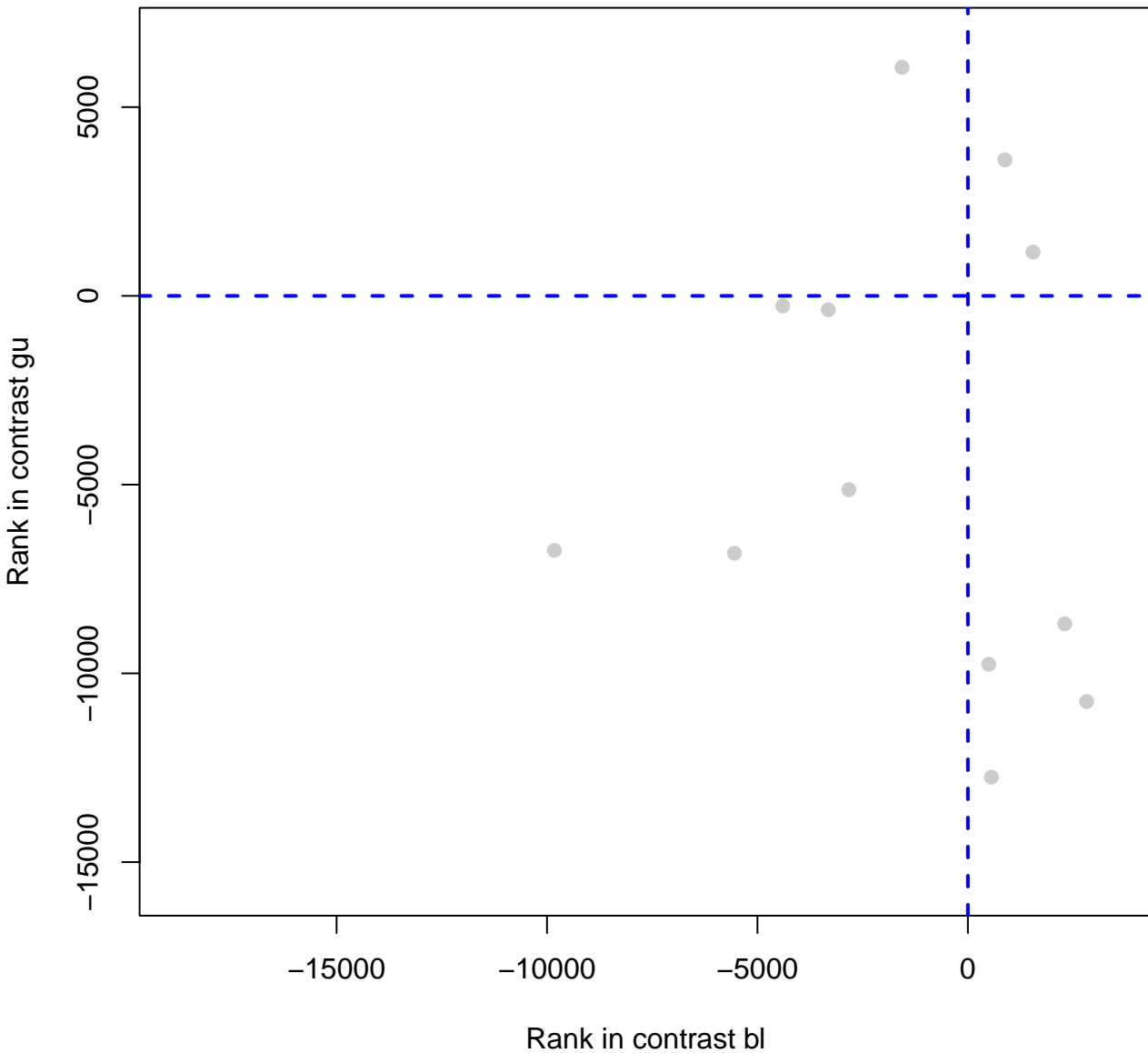
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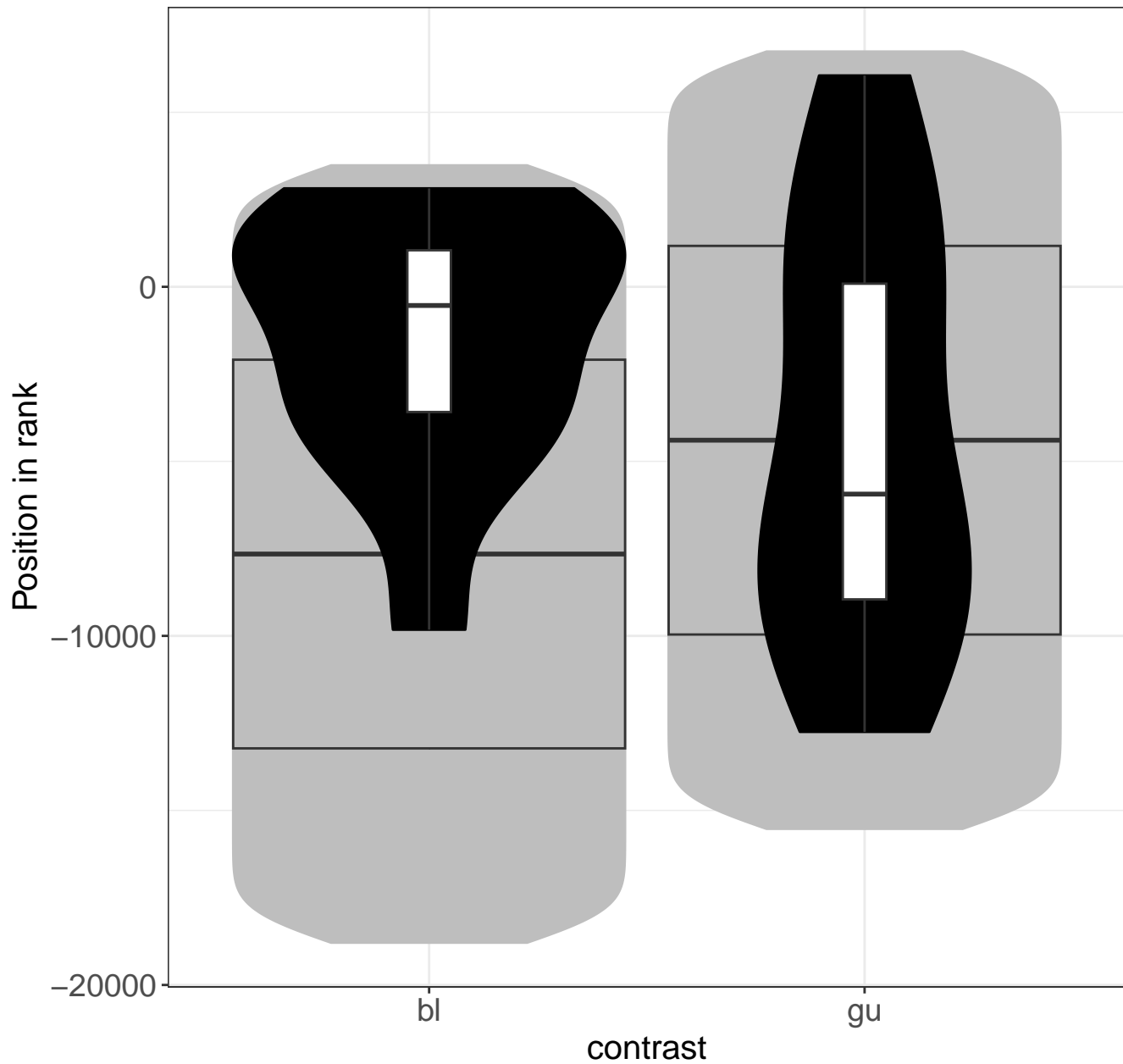
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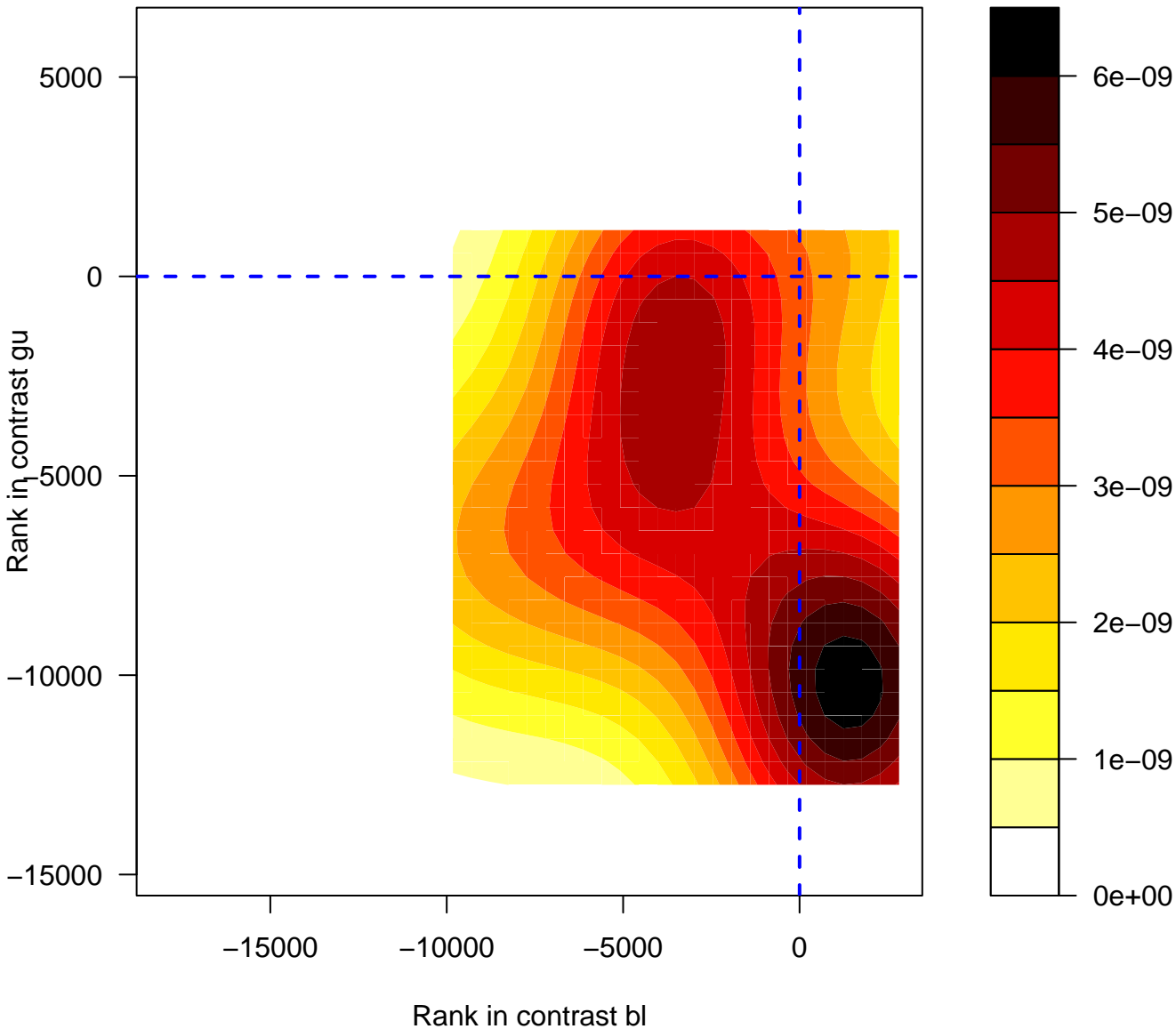
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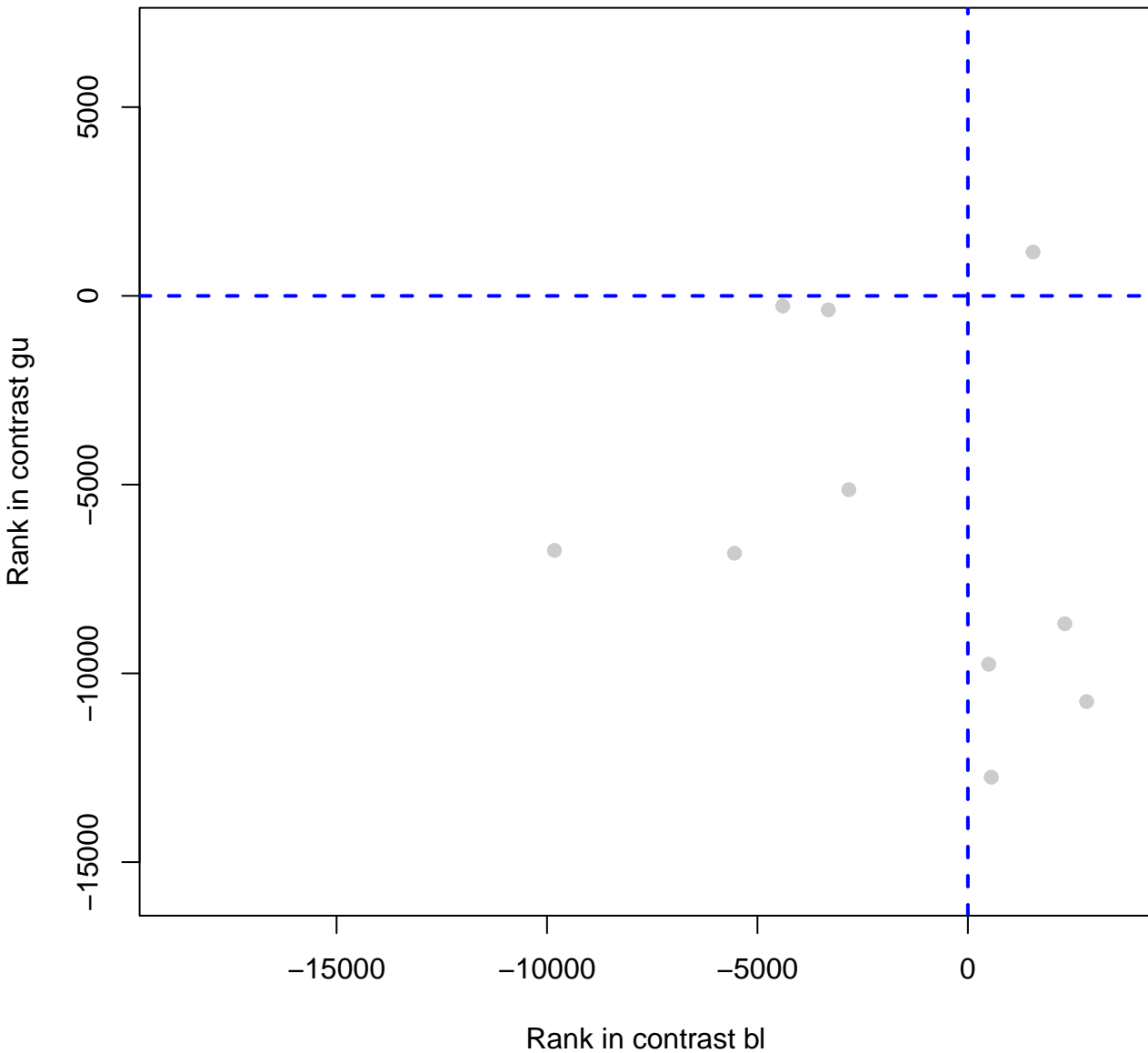
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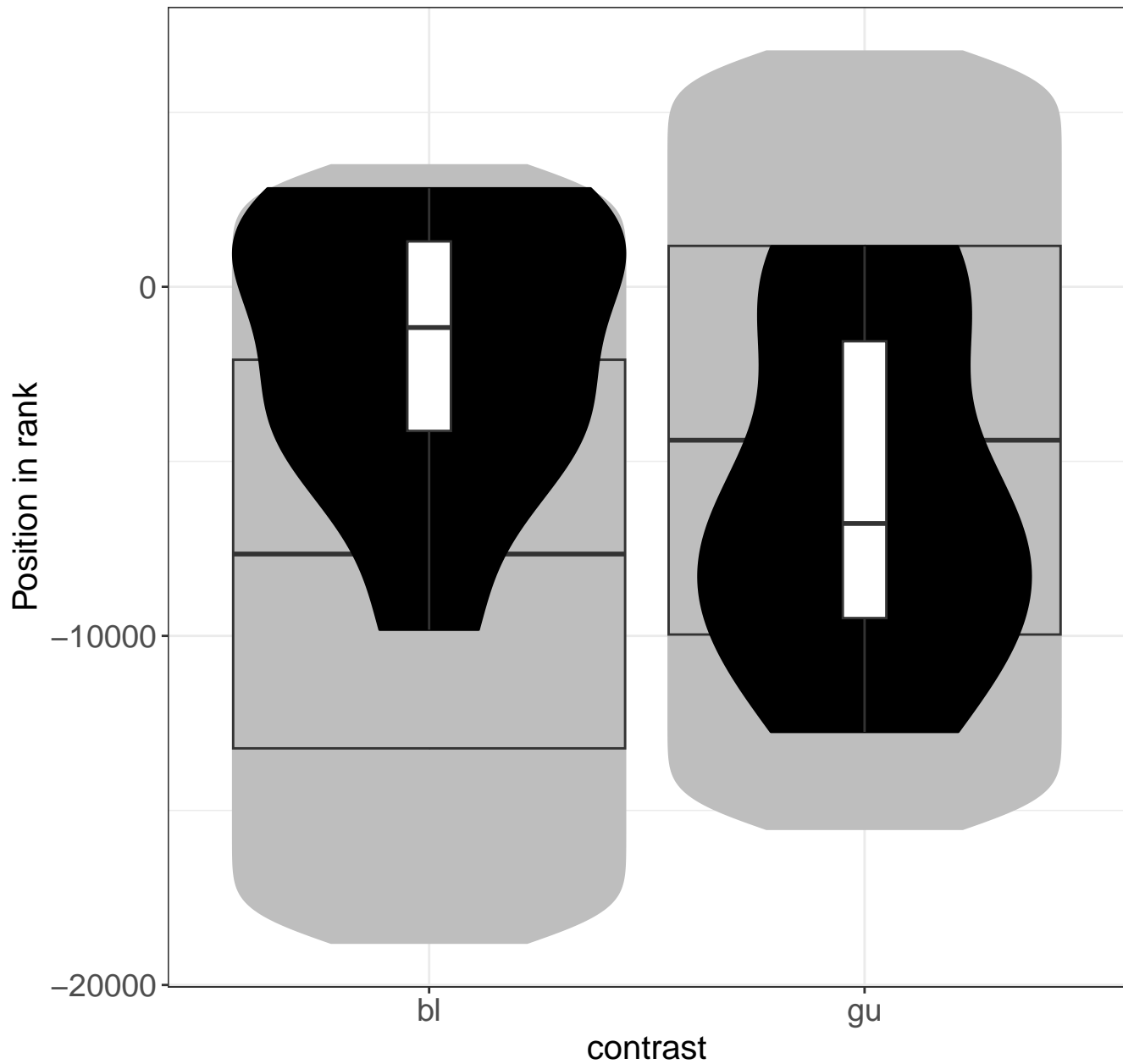
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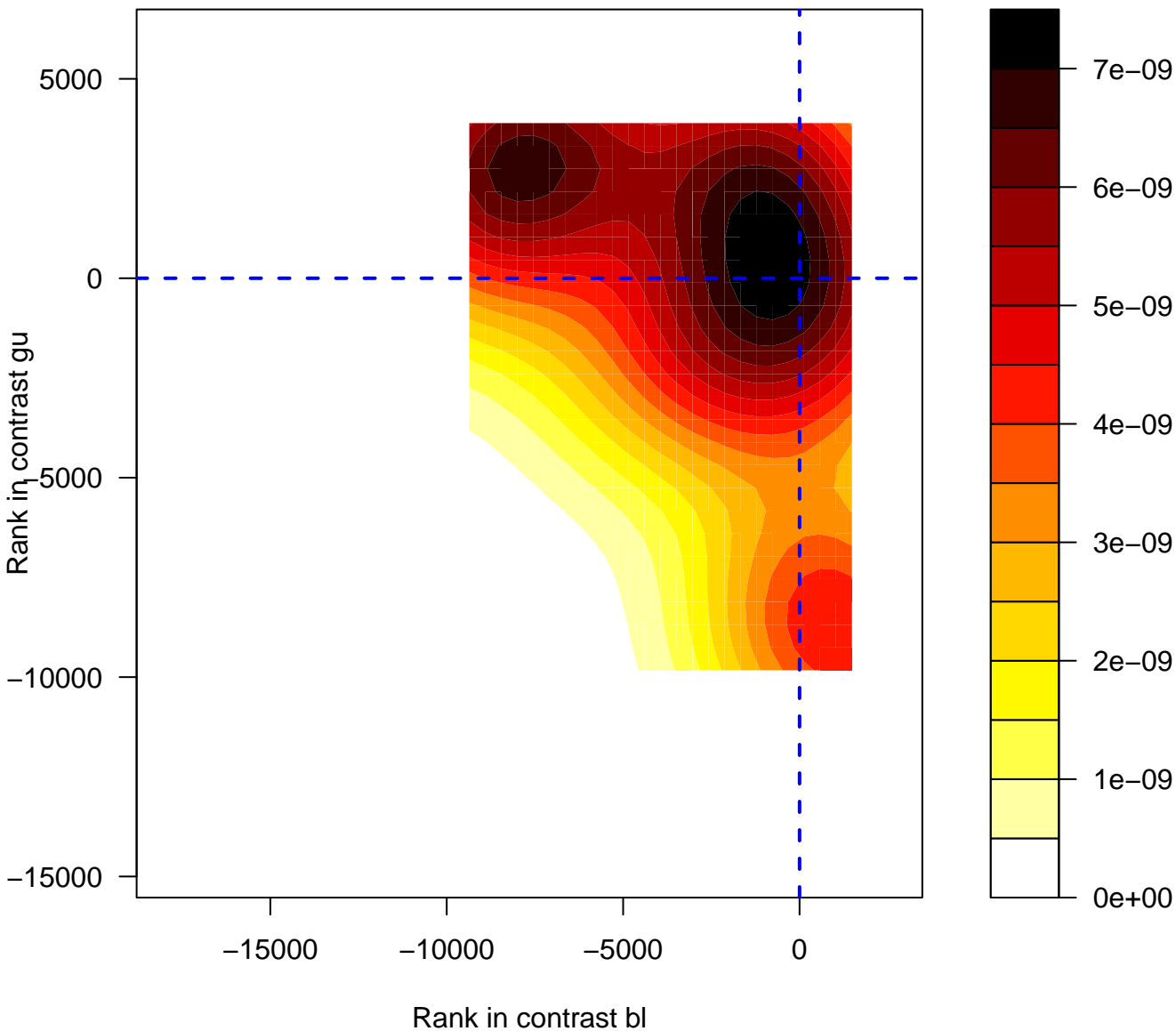
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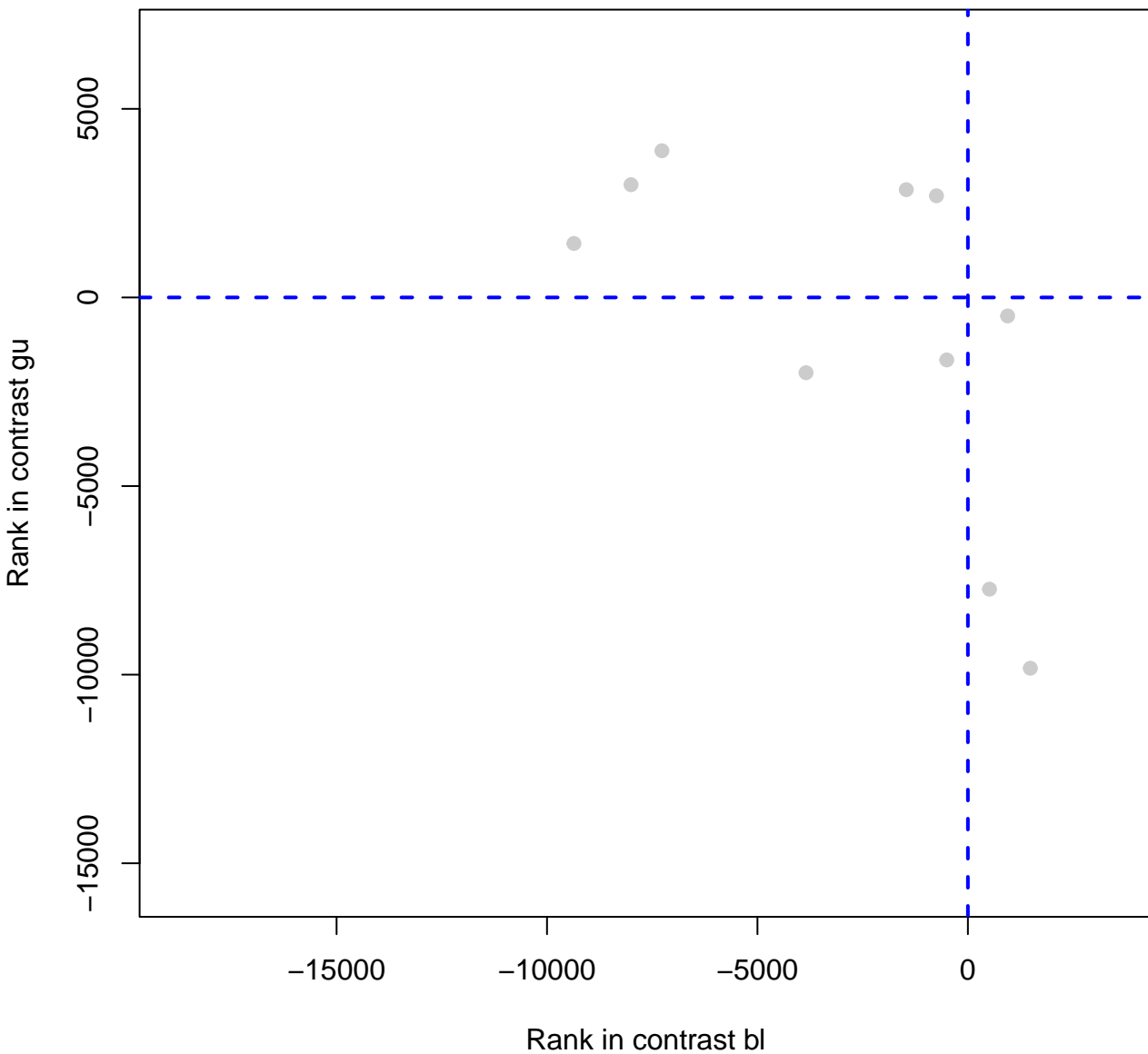
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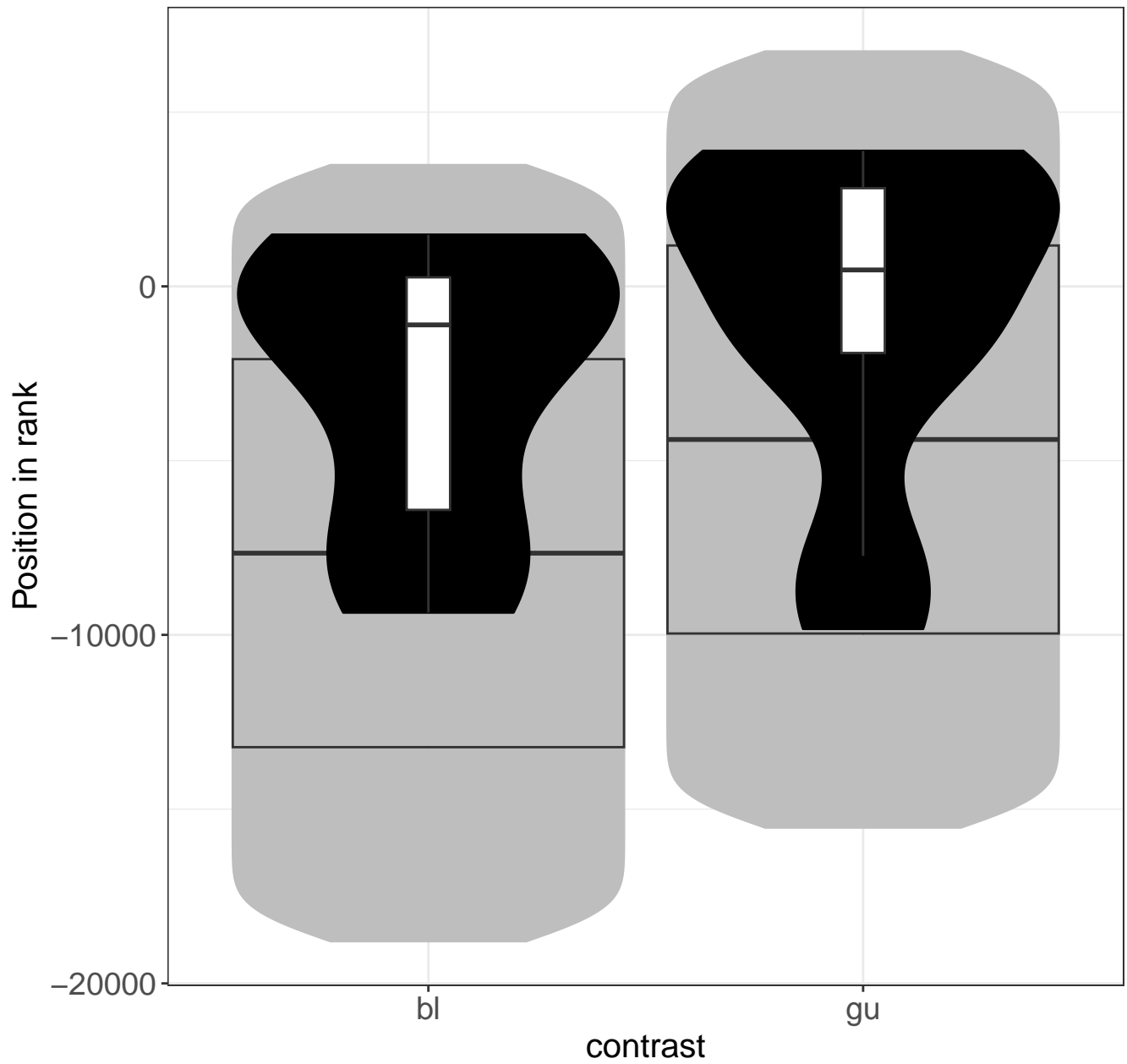
DBP GROWTH PLATE CARTILAGE CHONDROCYTE DIFFERENTIATION



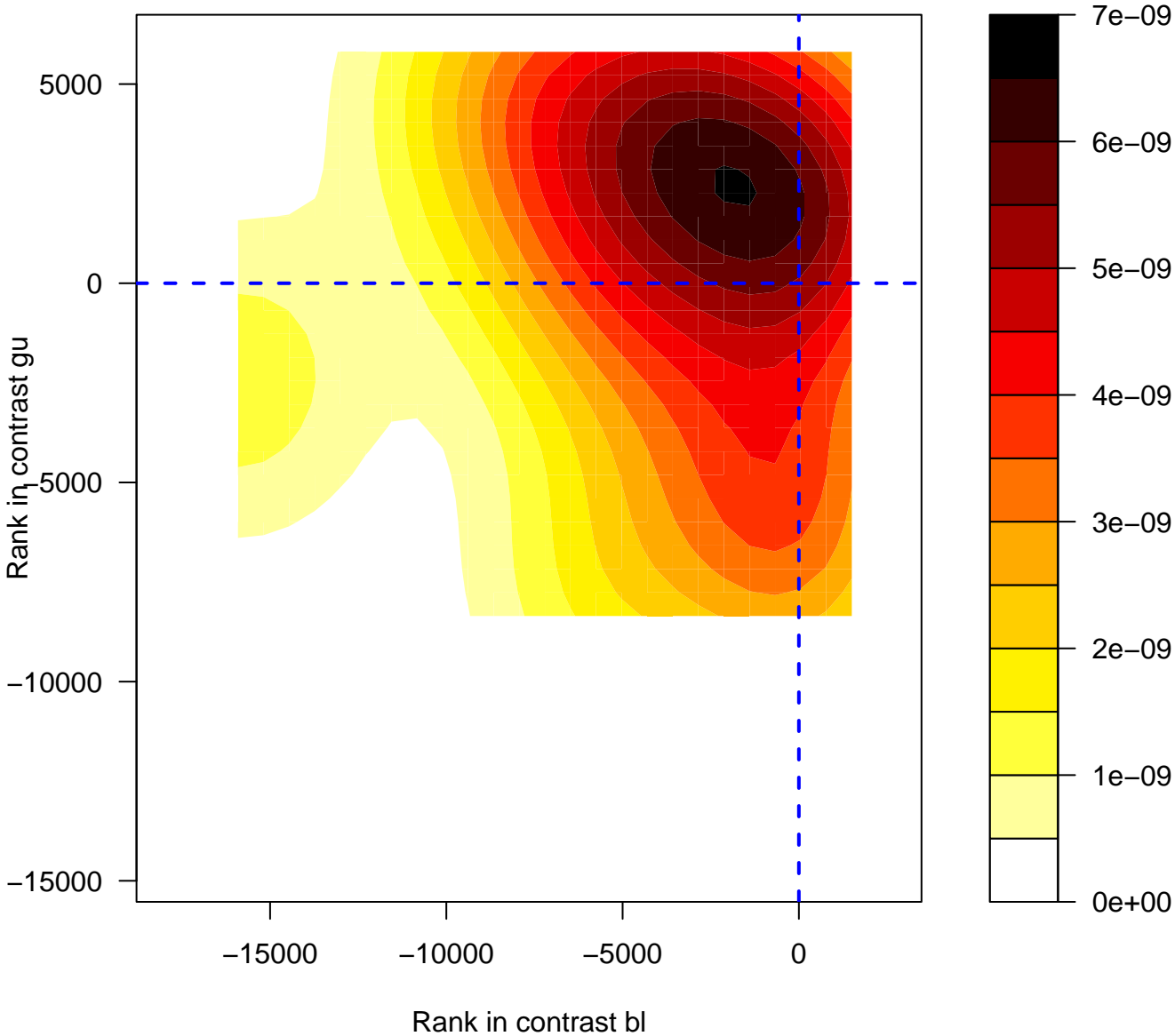
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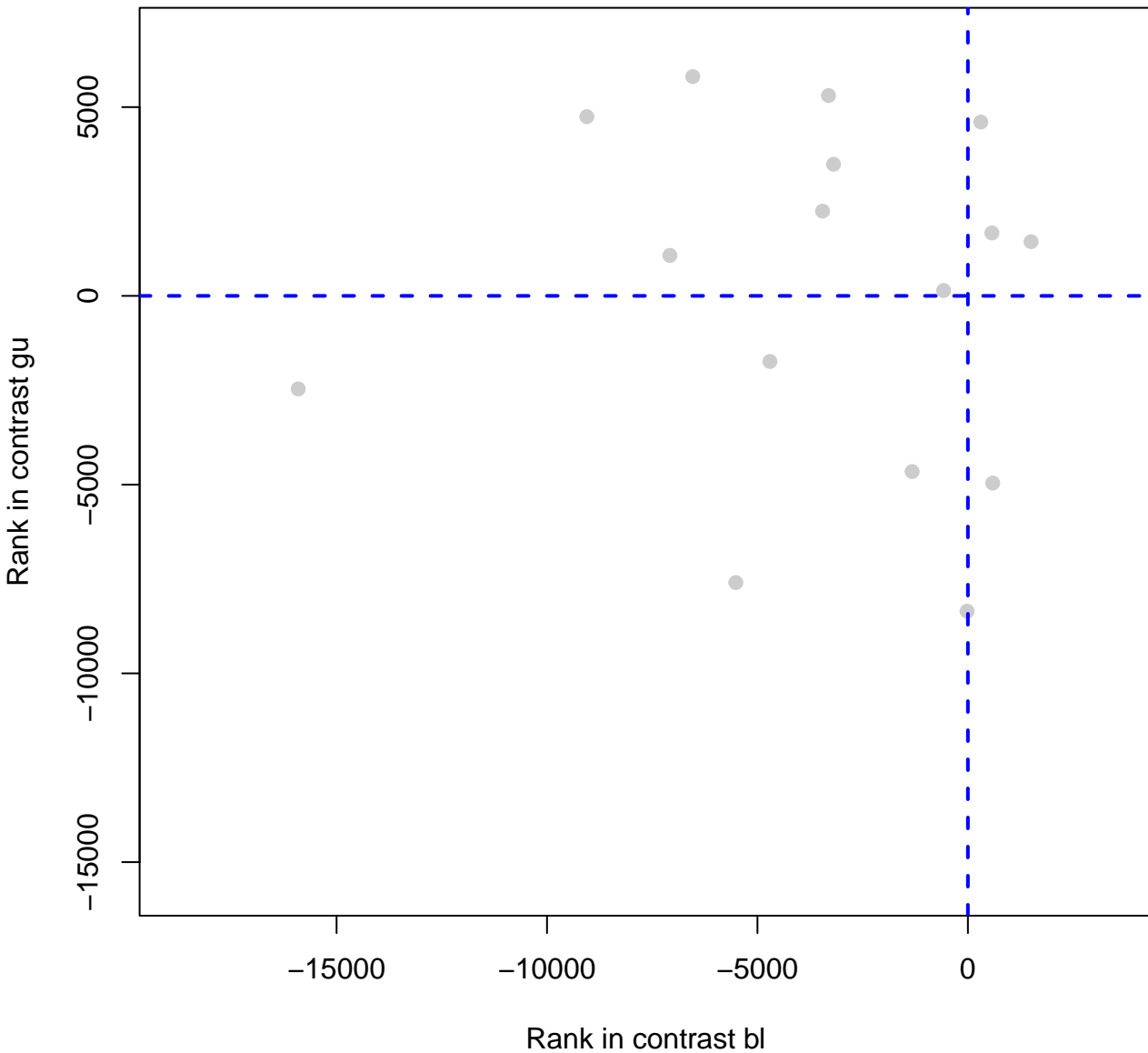
GOBP GROWTH PLATE CARTILAGE CHONDR



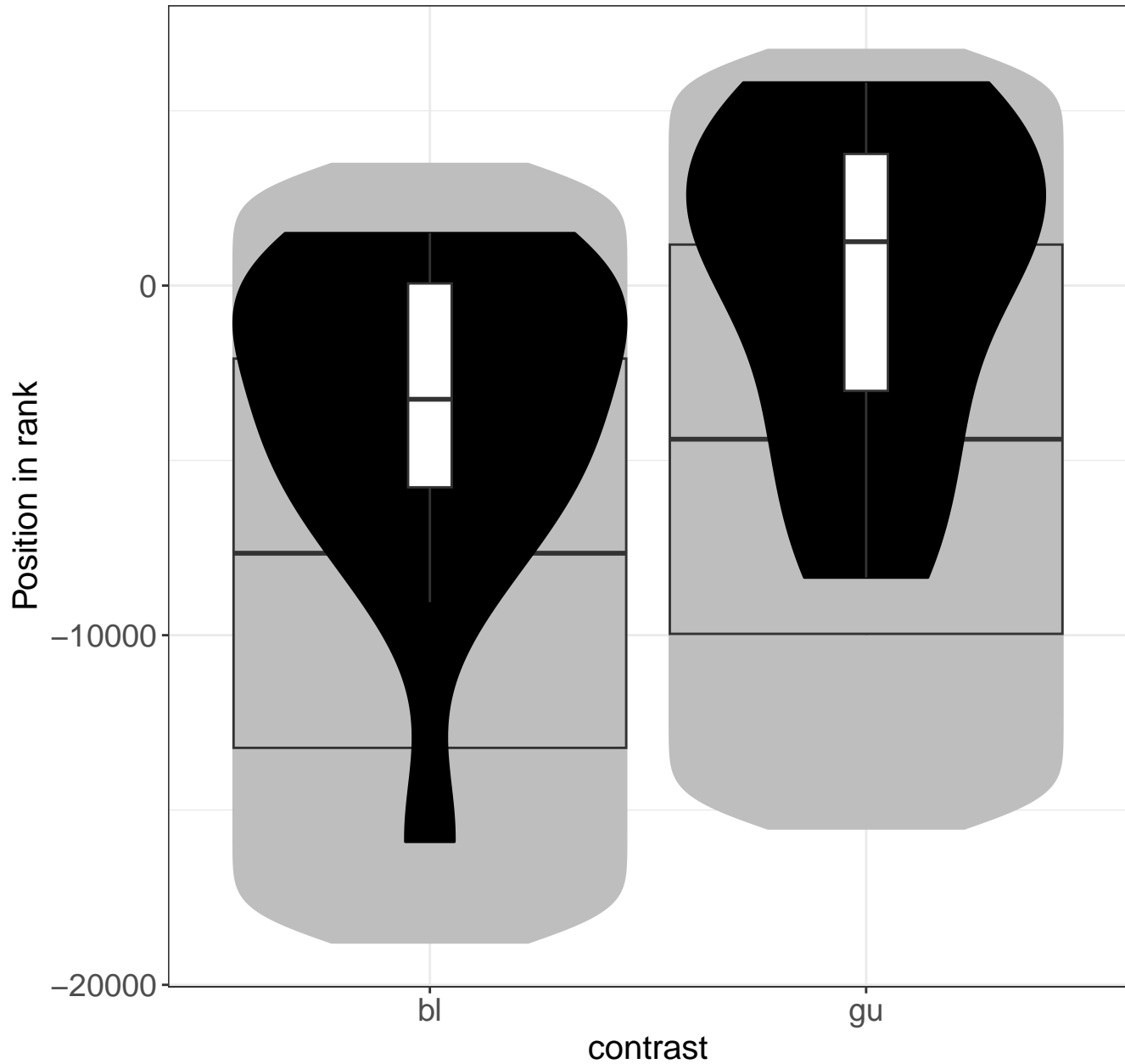
GOMF MEMBRANE INSERTASE ACTIVITY



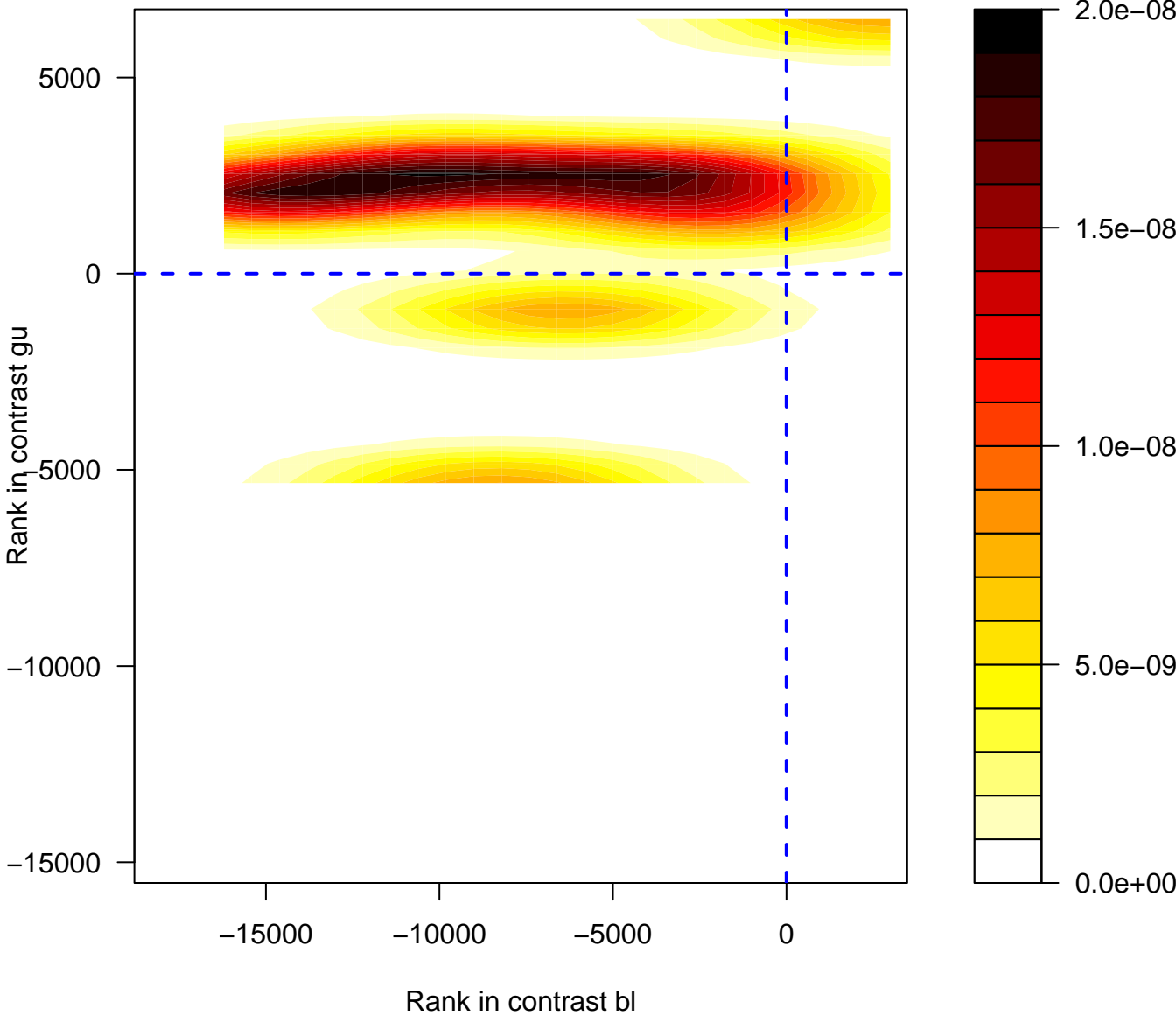
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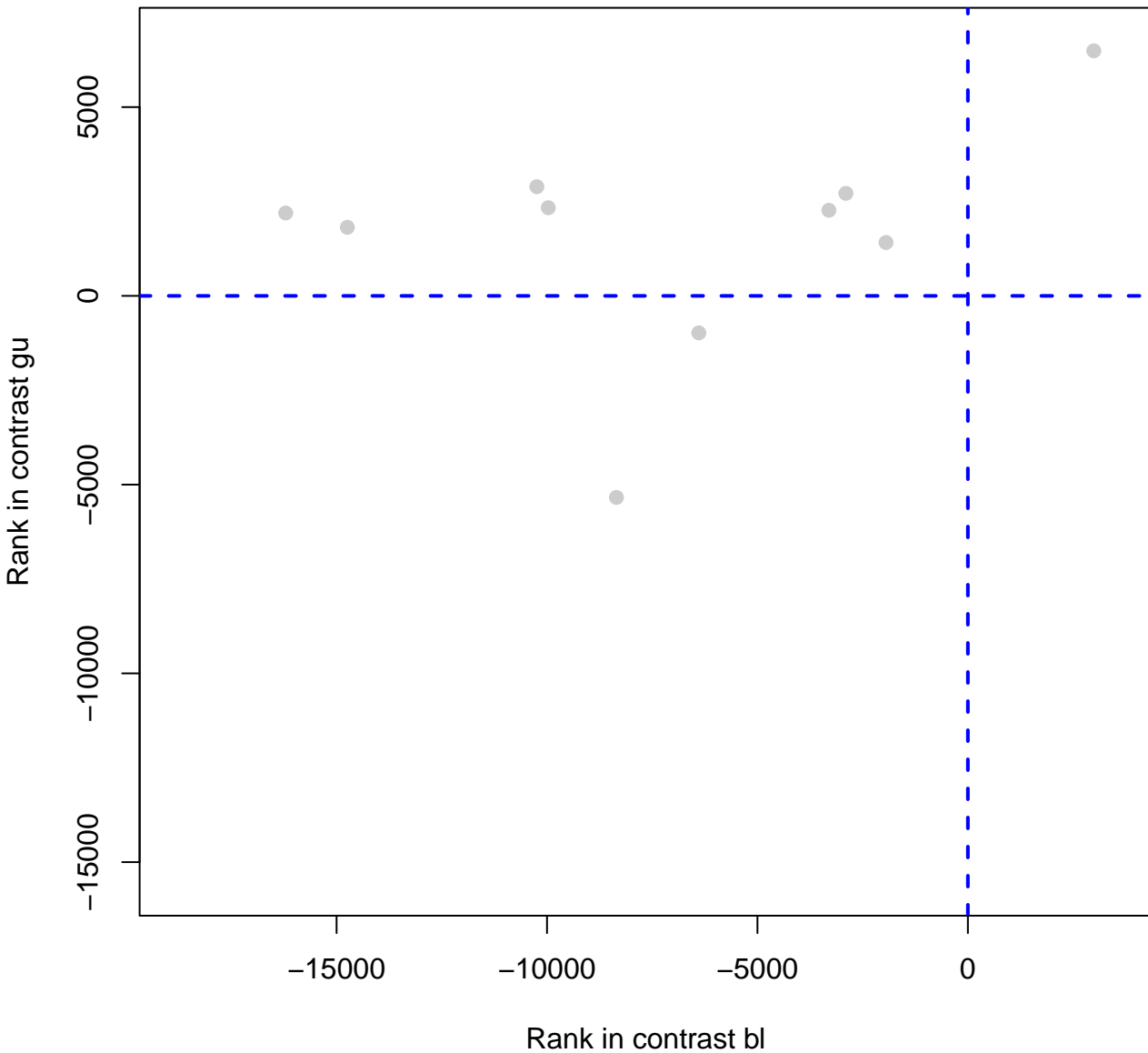
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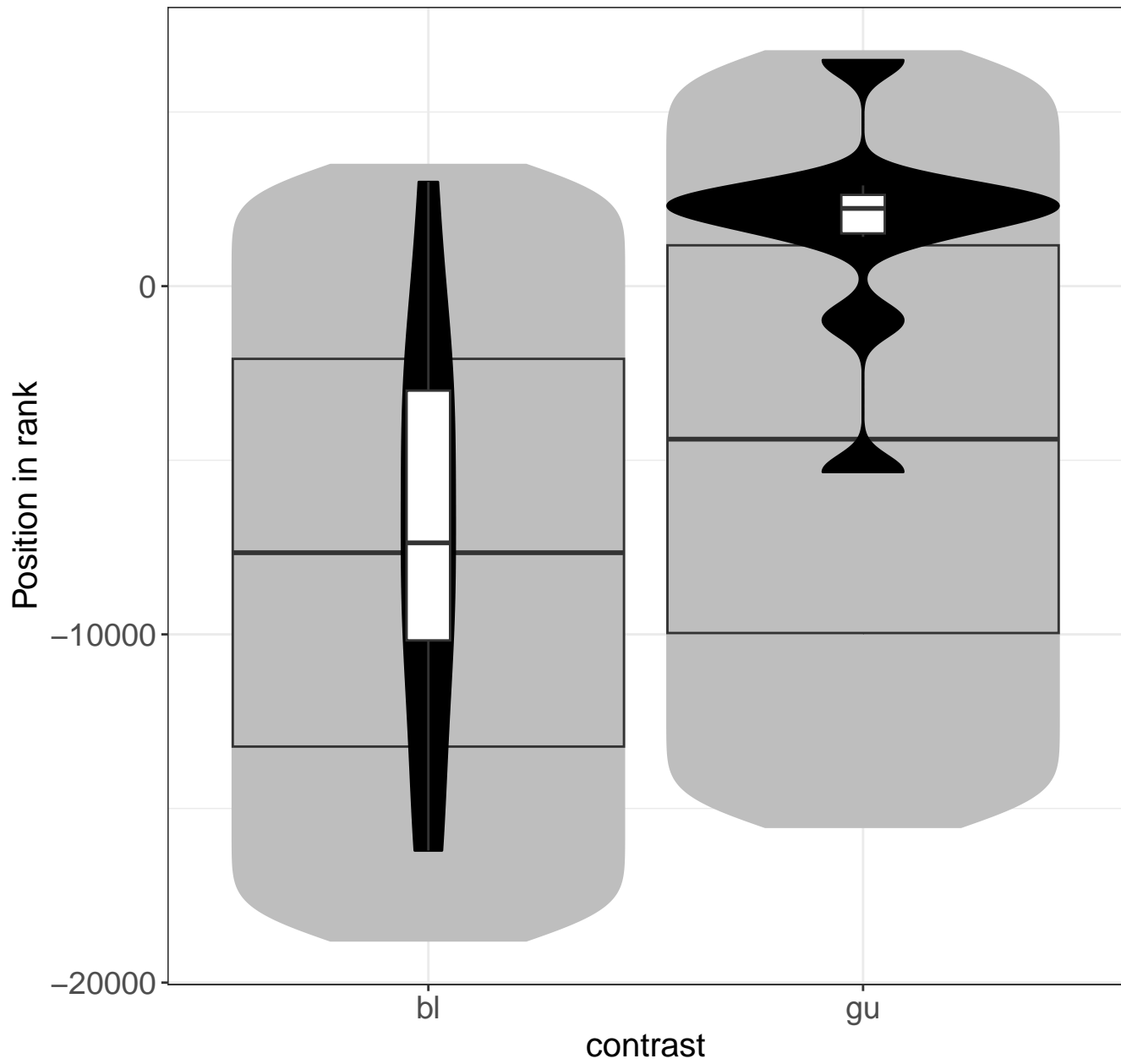
GOMF FK506 BINDING



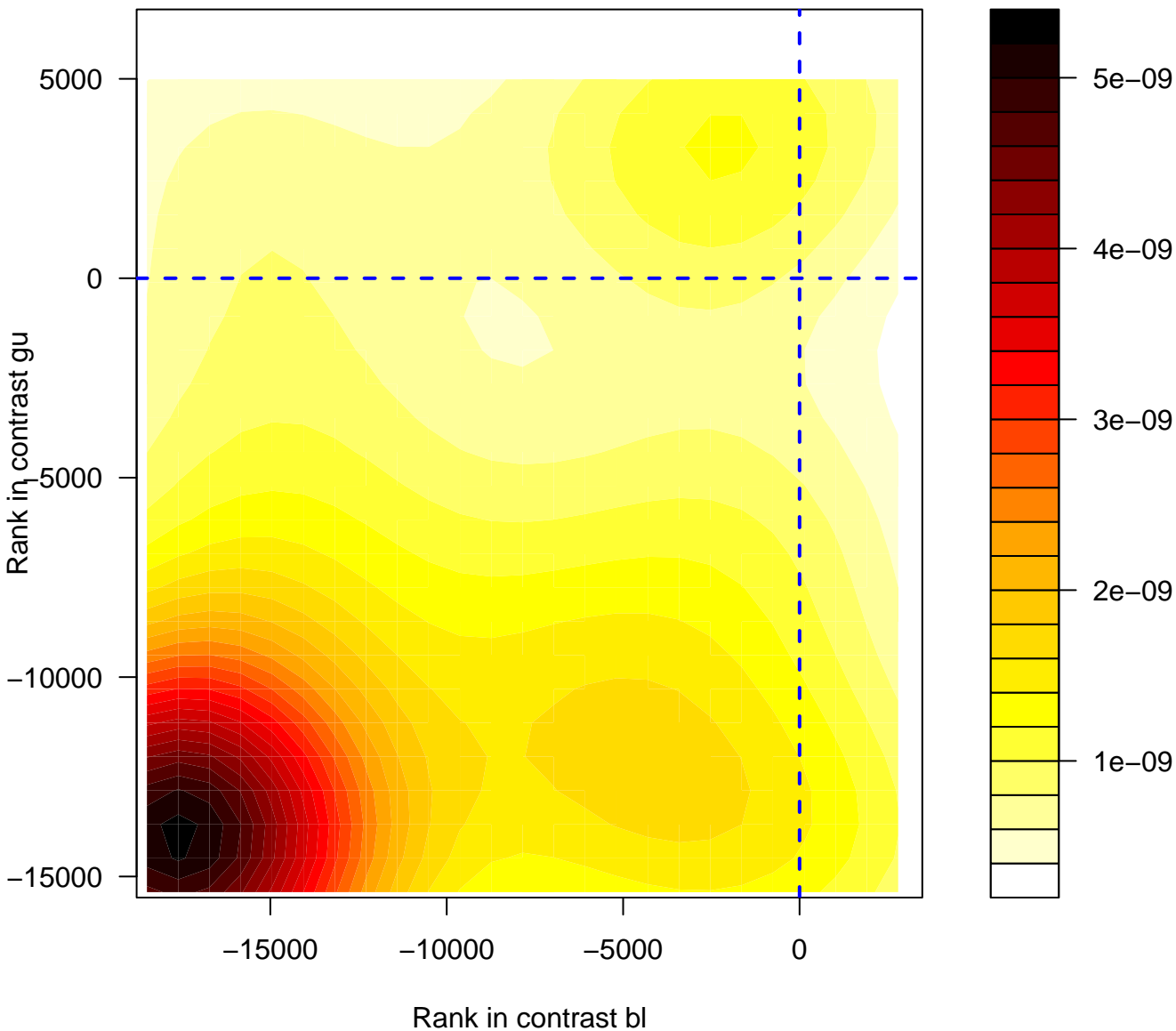
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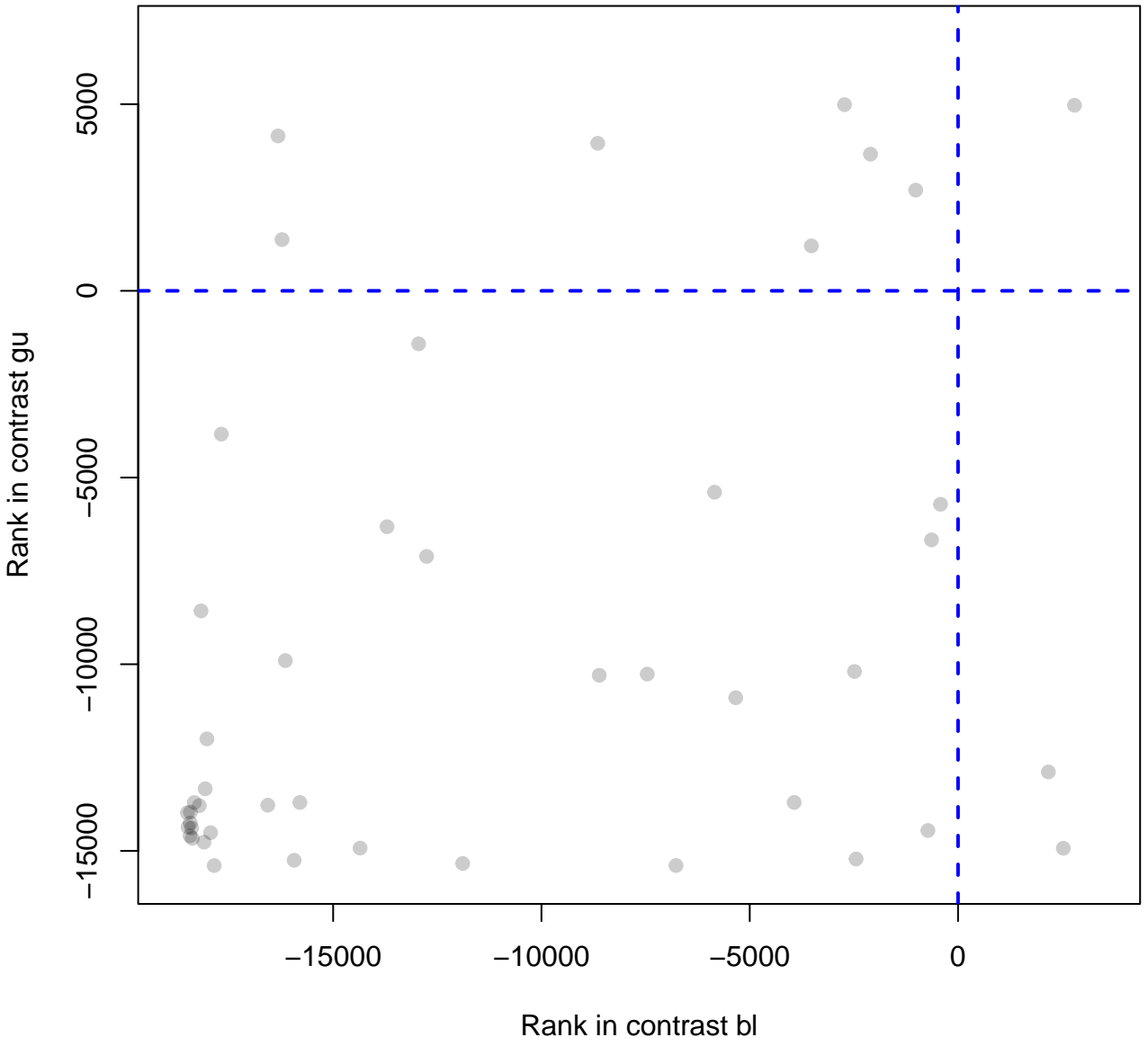
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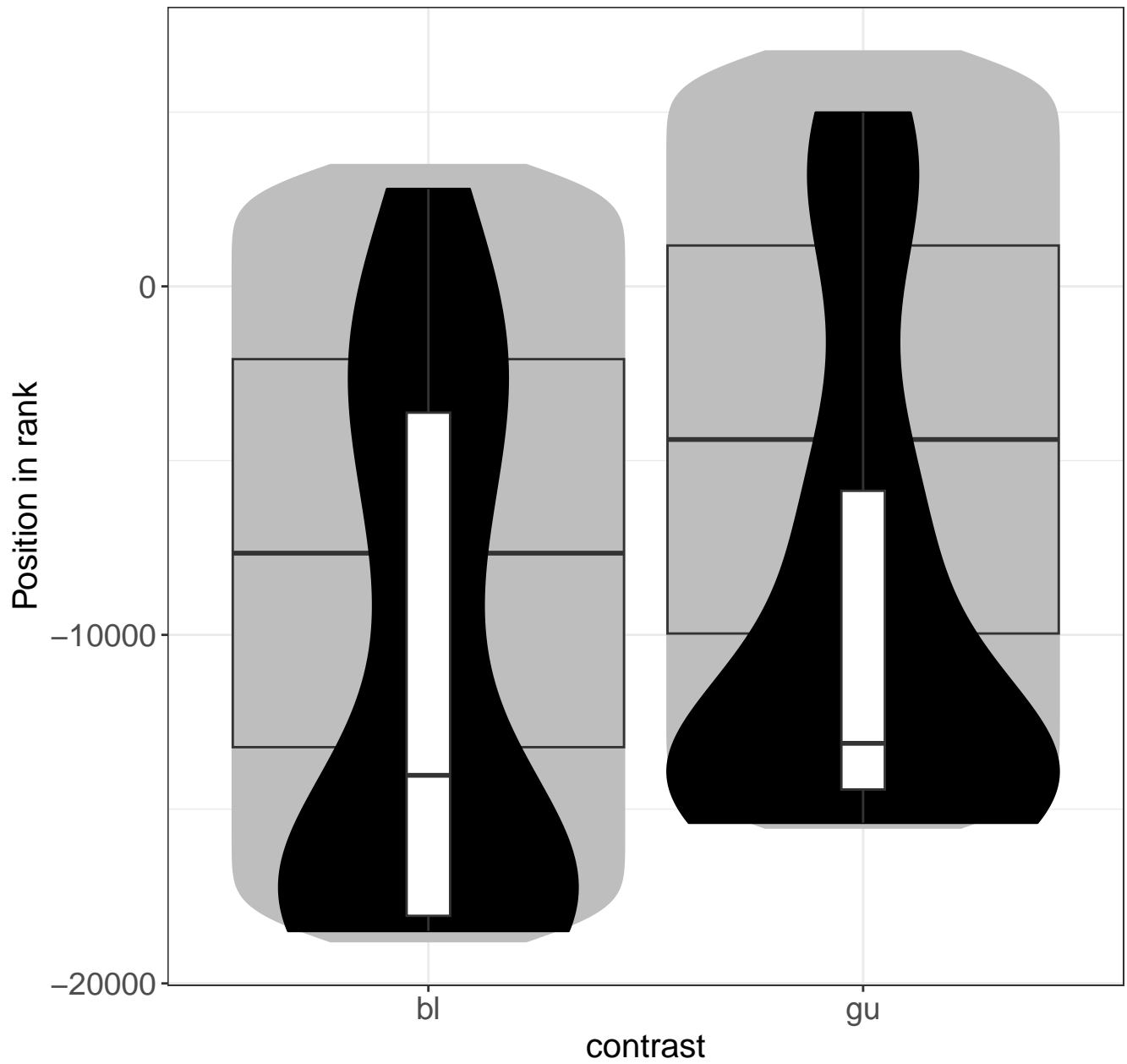
ATION OF CHEMICAL STIMULUS INVOLVED IN SENSORY PER



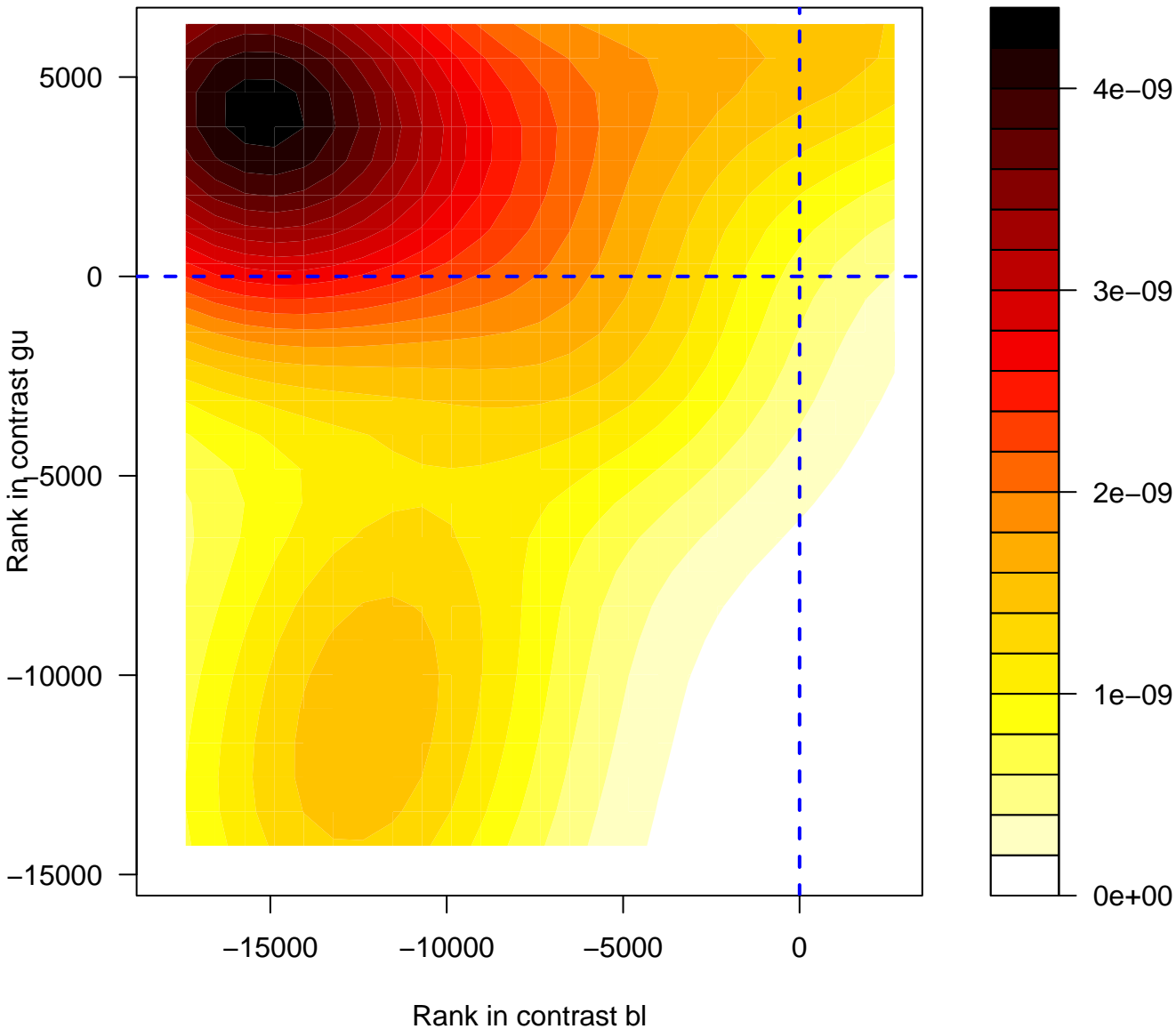
DETECTION OF CHEMICAL STIMULUS INVOLVED IN SENSORY PERCEPTION



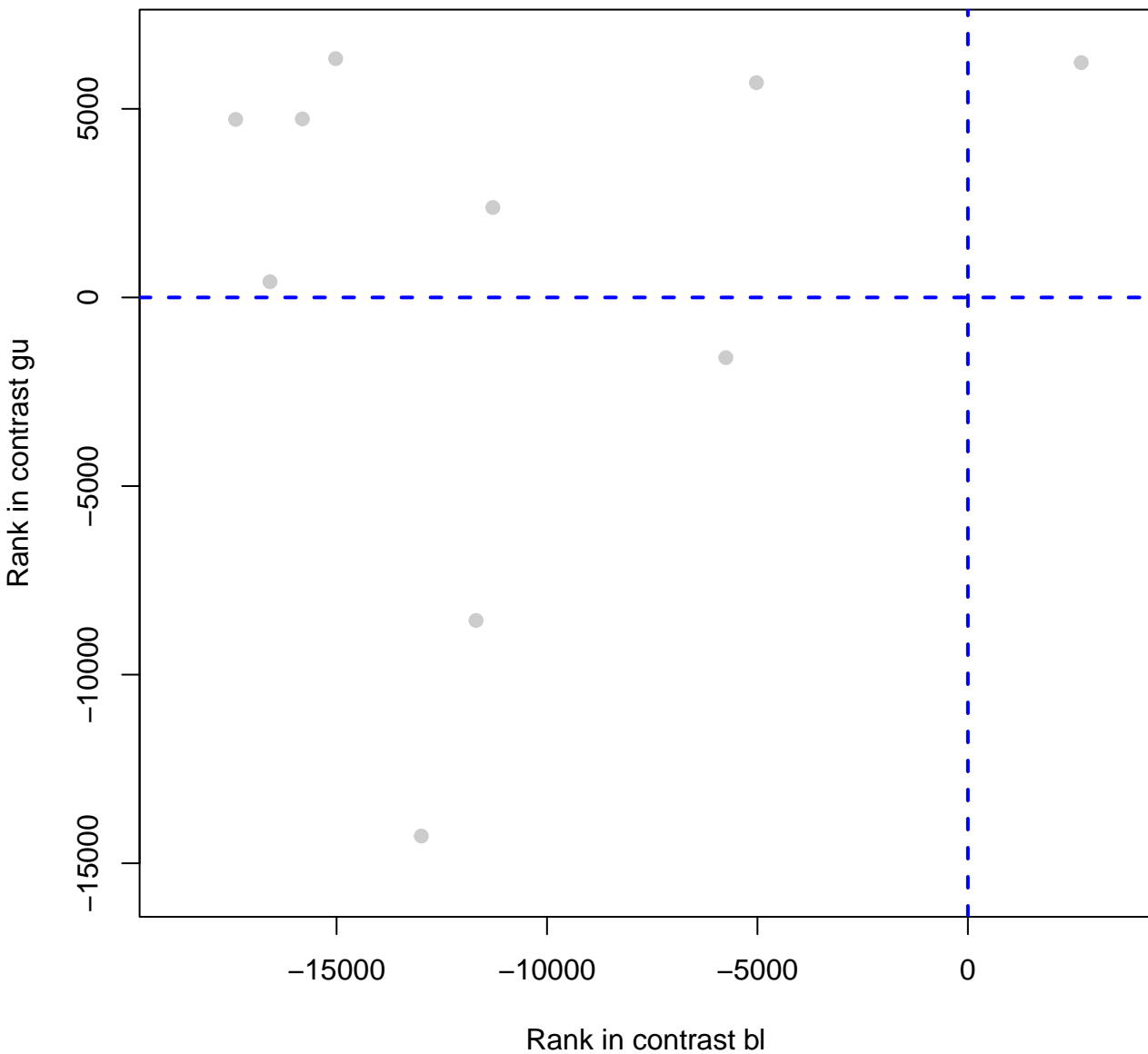
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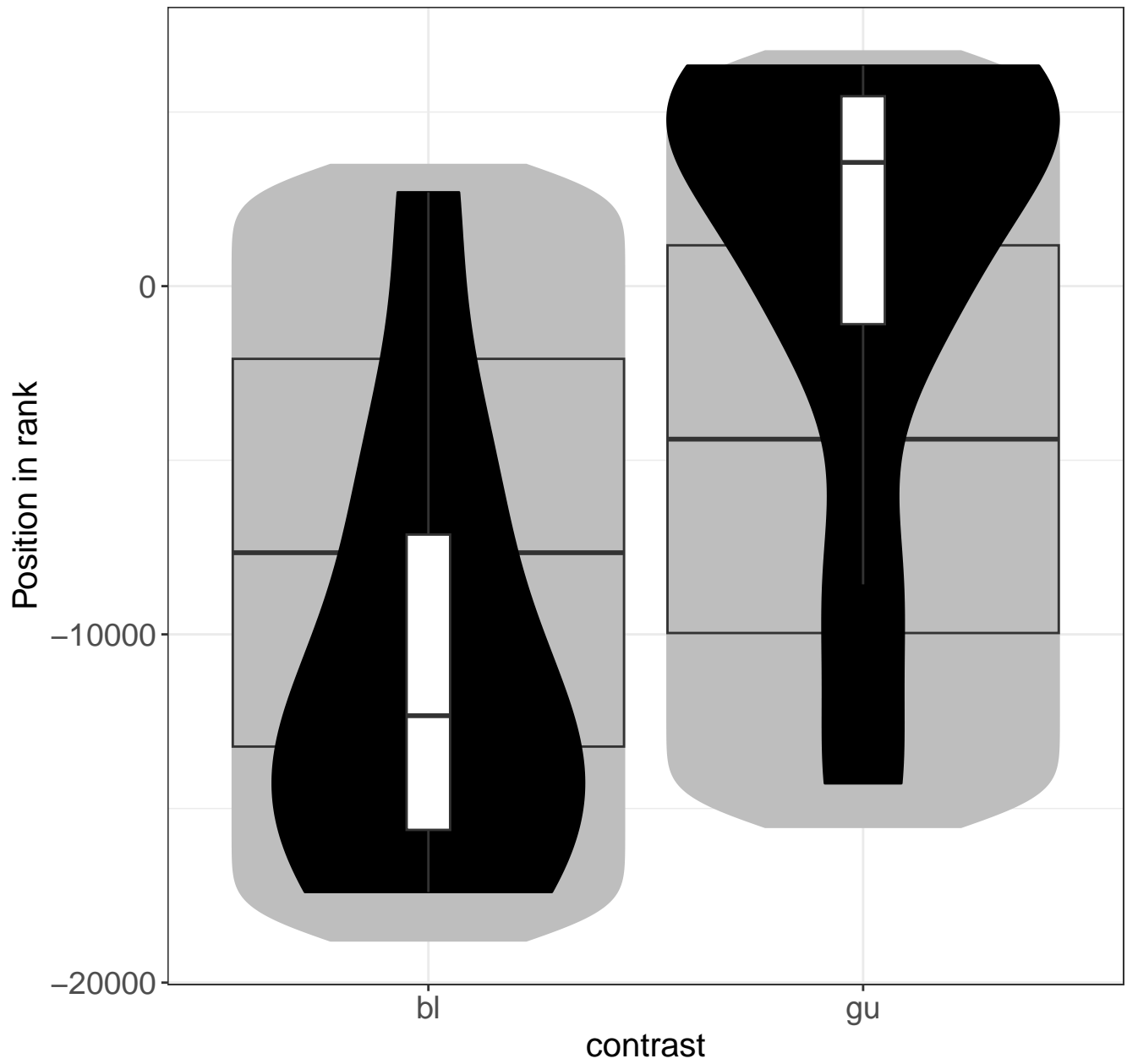
GOBP RESPONSE TO BACTERIAL LIPOPROTEIN



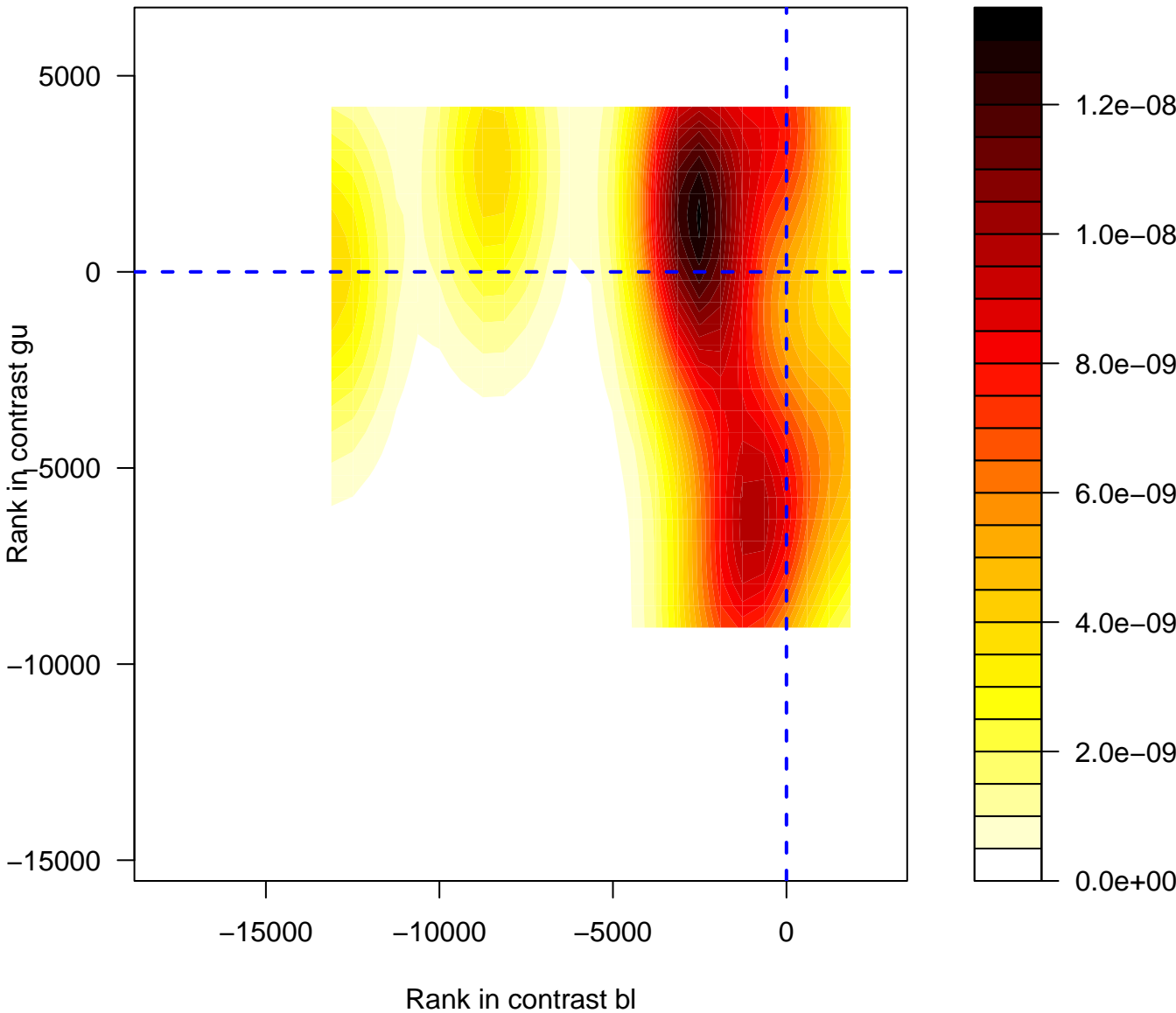
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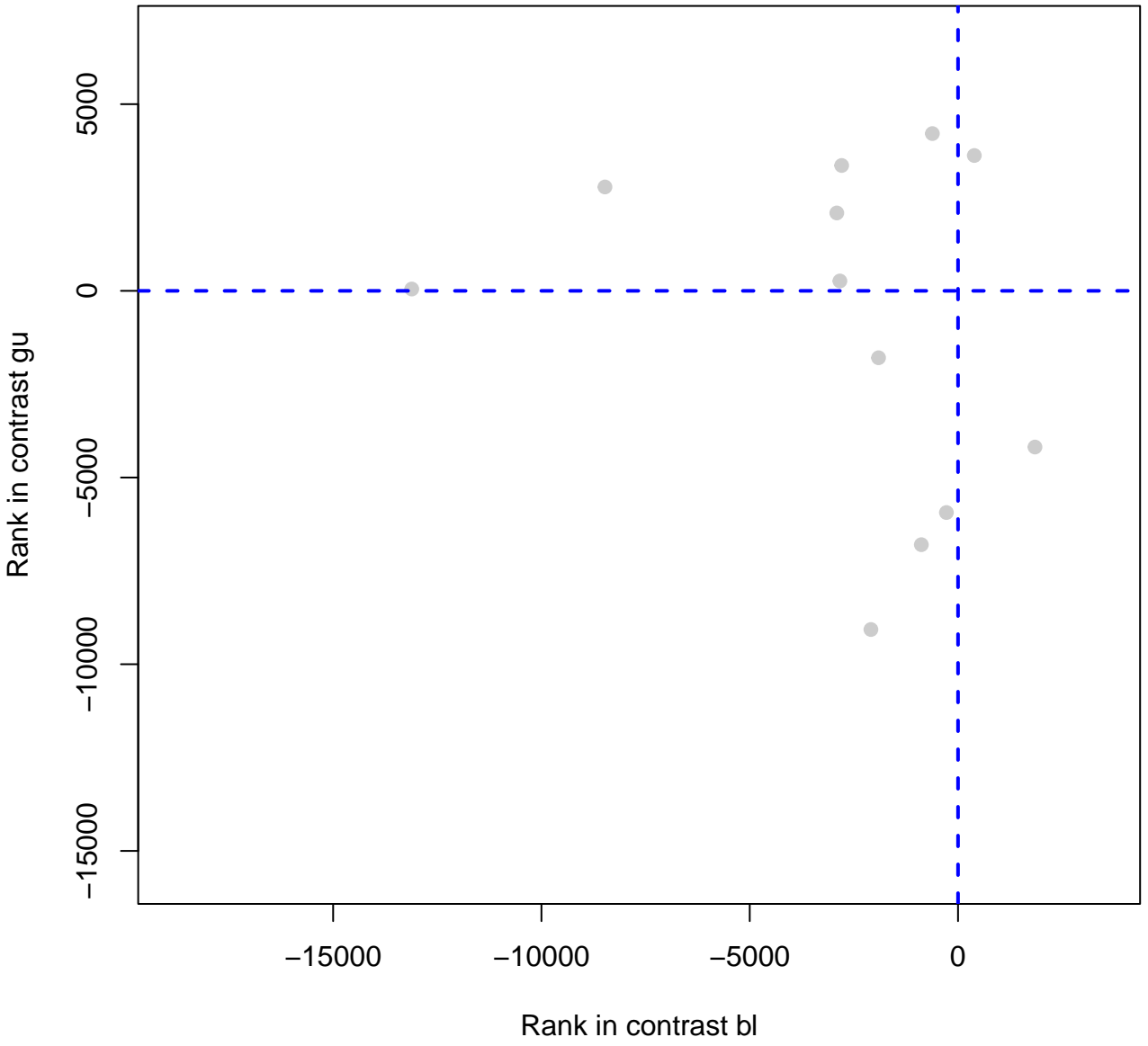
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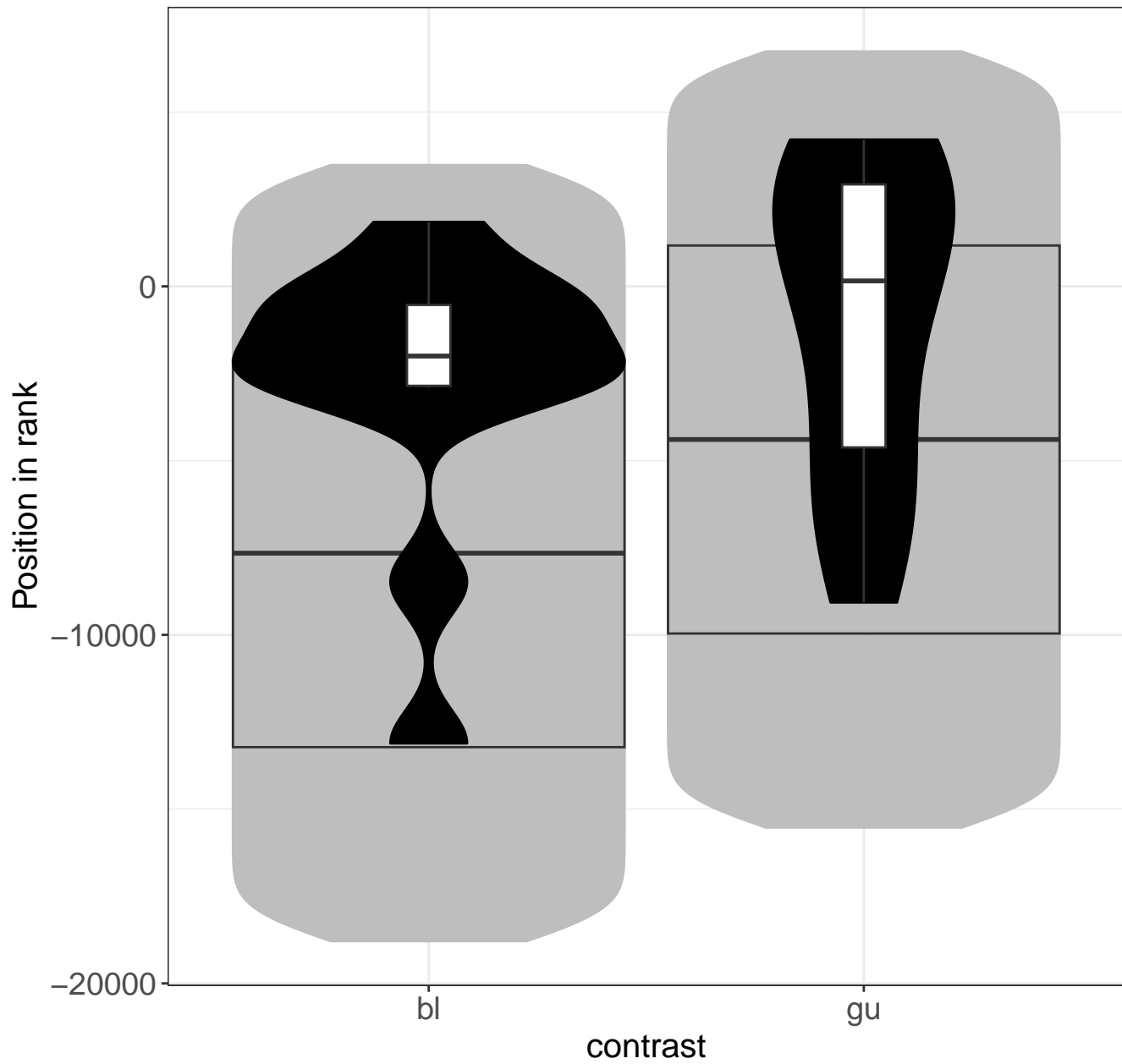
NEGATIVE REGULATION OF POST TRANSCRIPTIONAL GEN



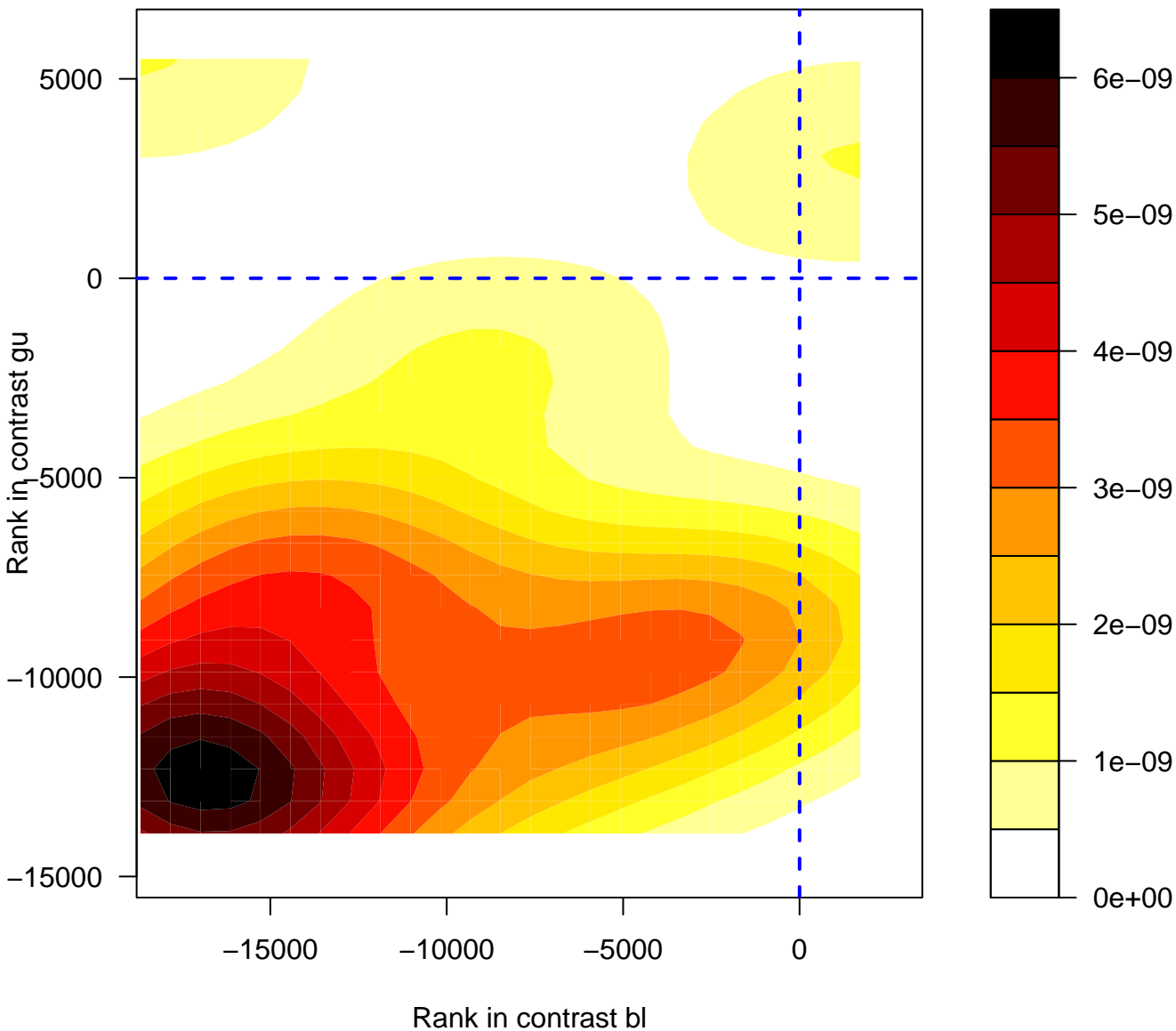
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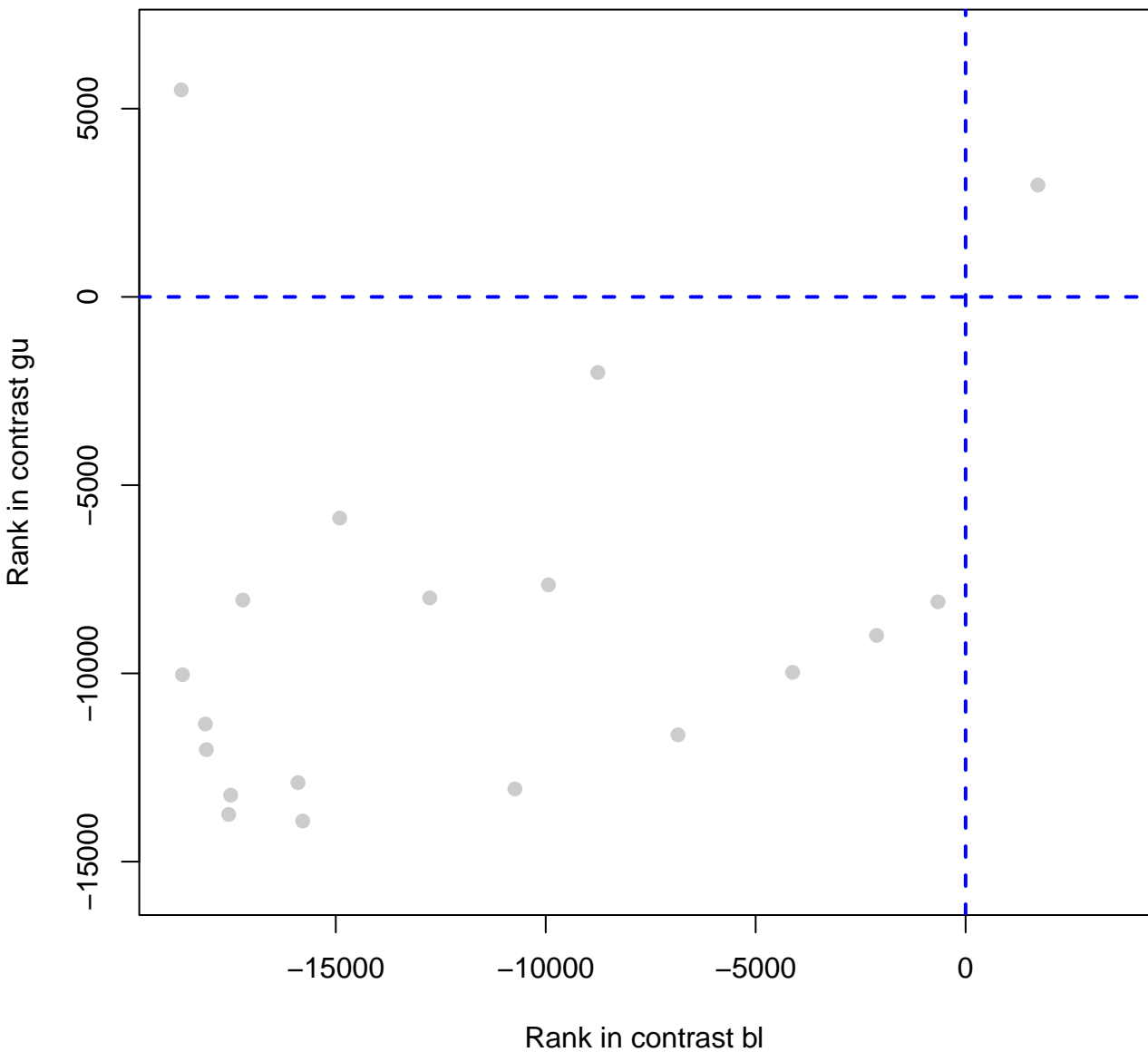
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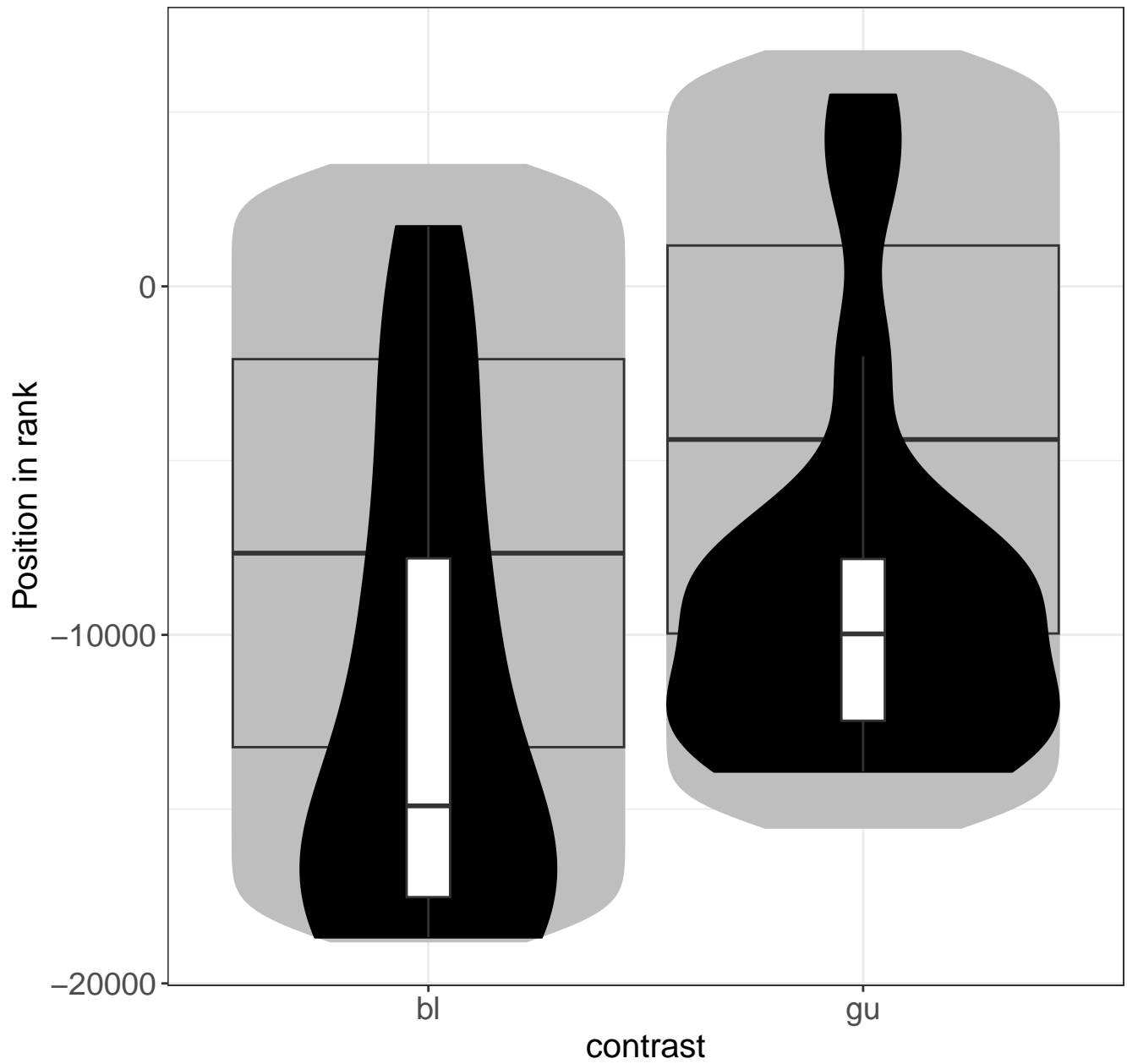
LAR MATRIX STRUCTURAL CONSTITUENT CONFERRING C



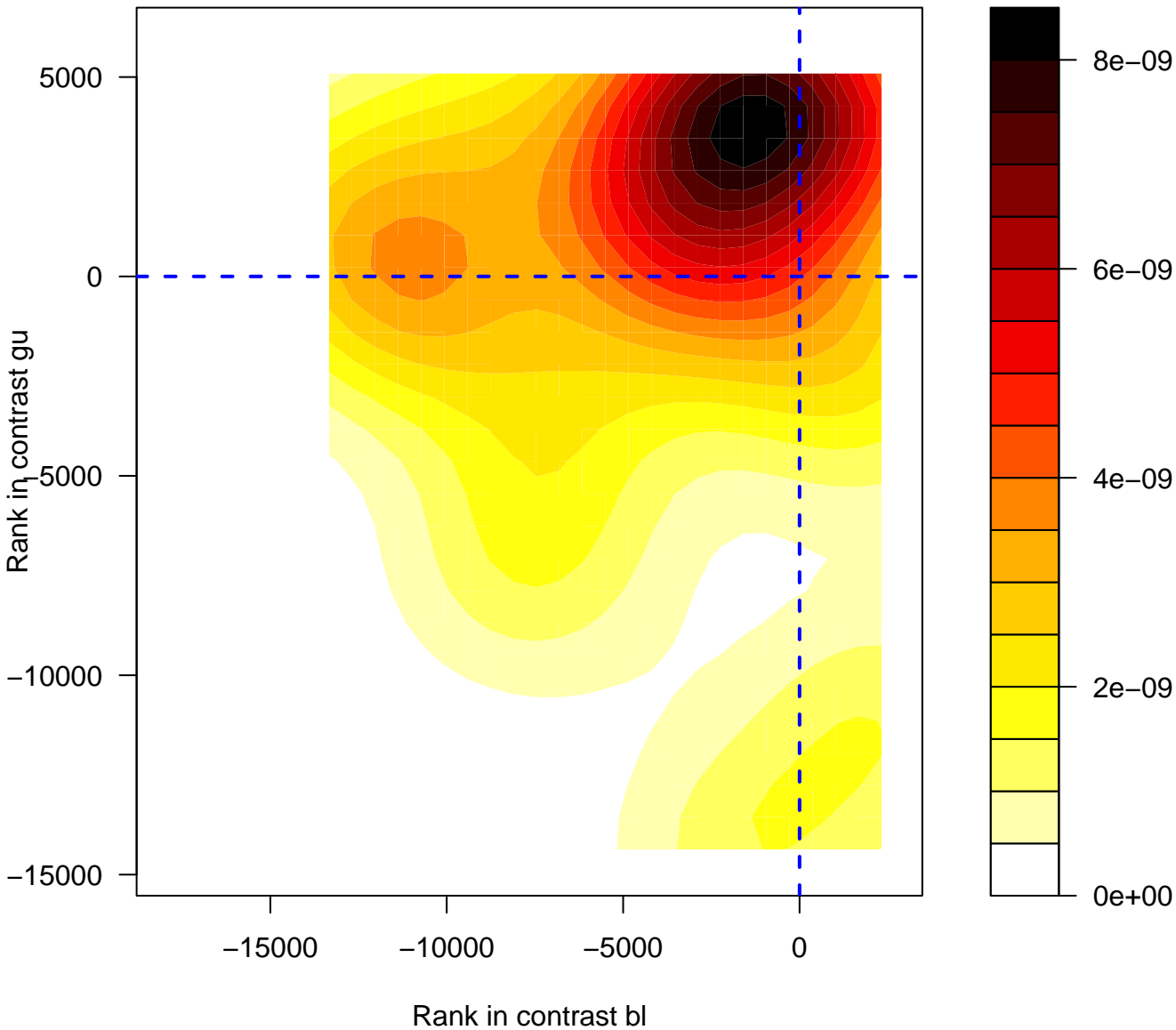
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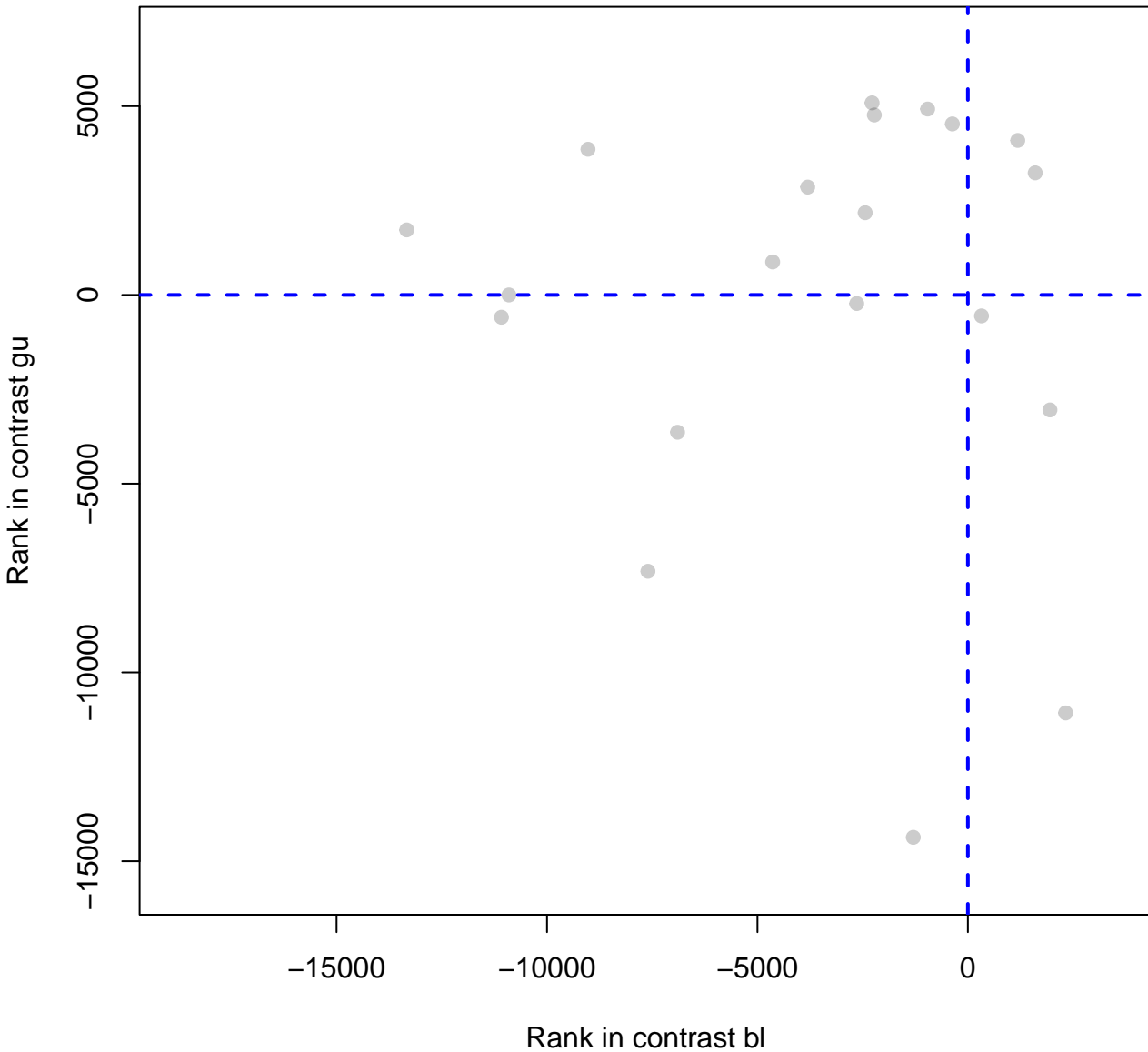
GOMF EXTRACELLULAR MATRIX STRUCTURE



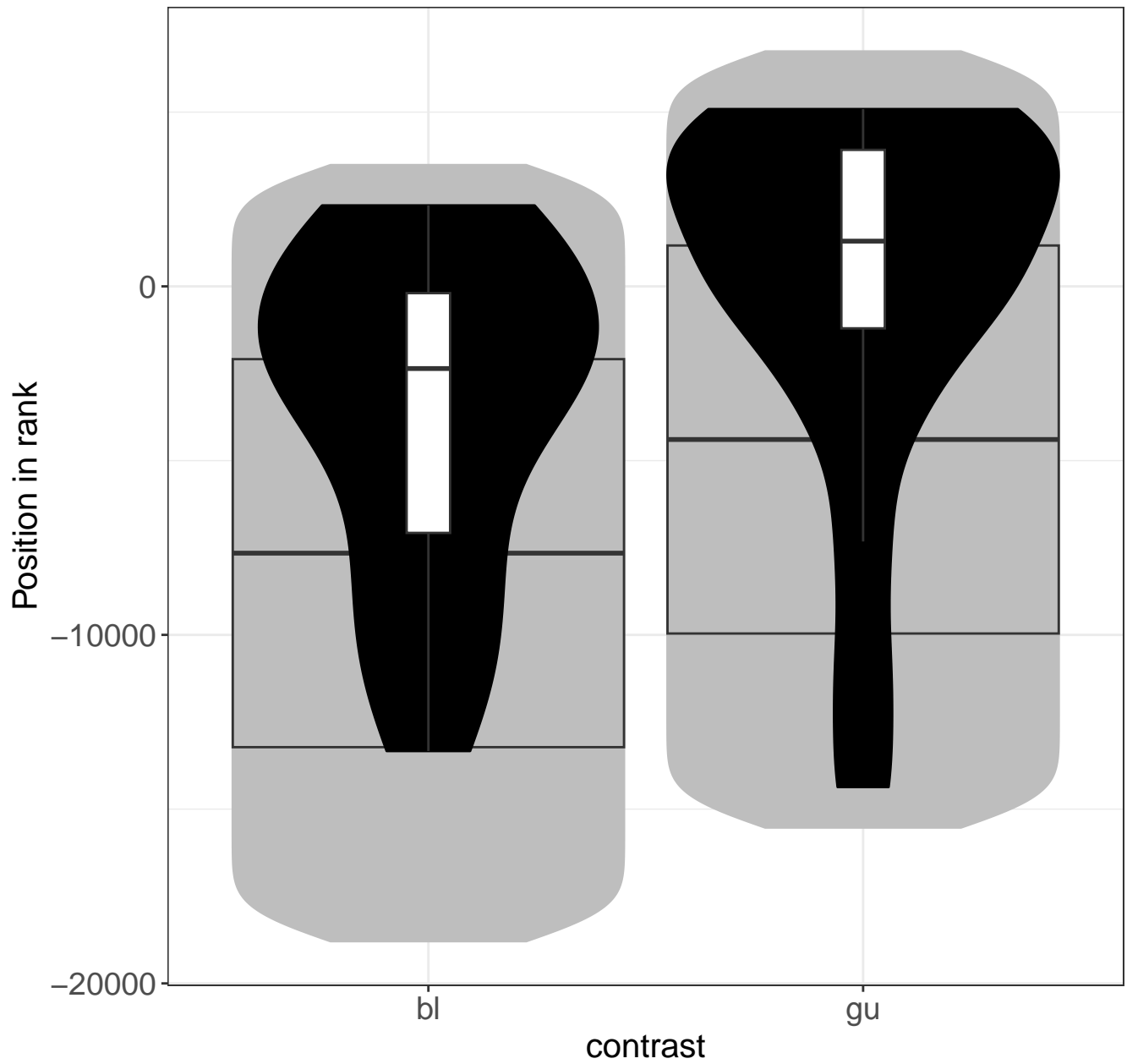
GOCC PROTON TRANSPORTING ATP SYNTHASE COMPL



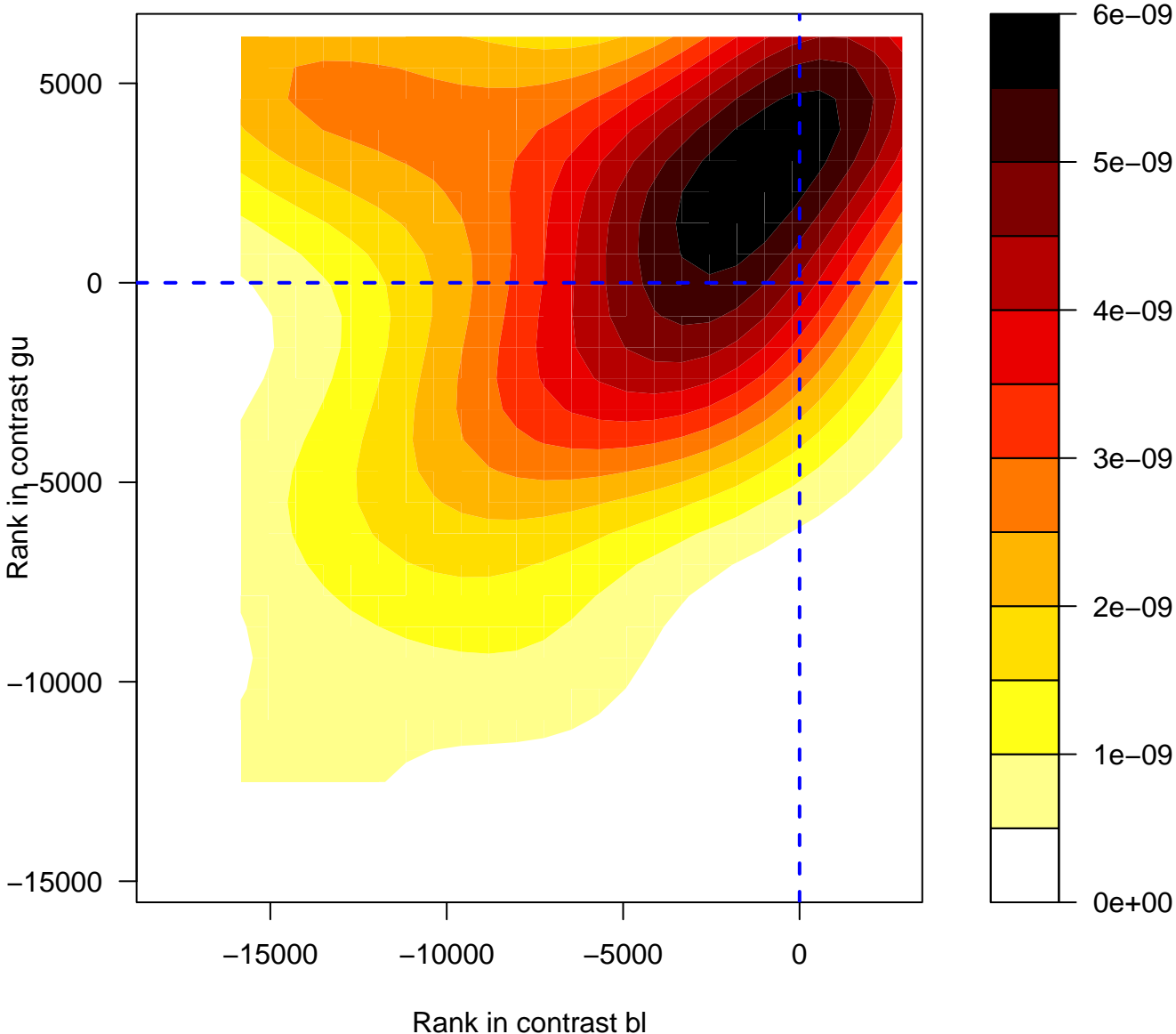
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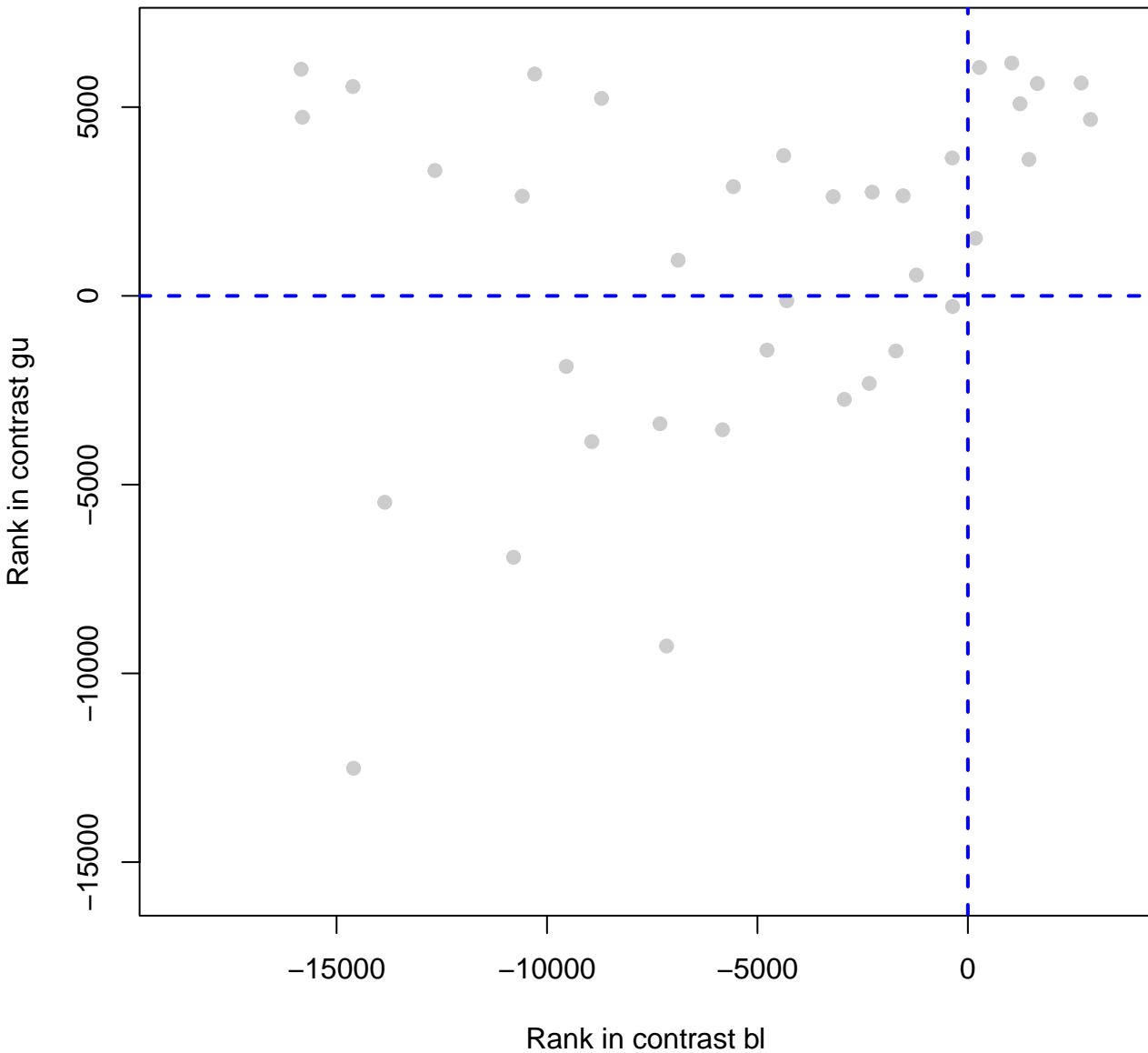
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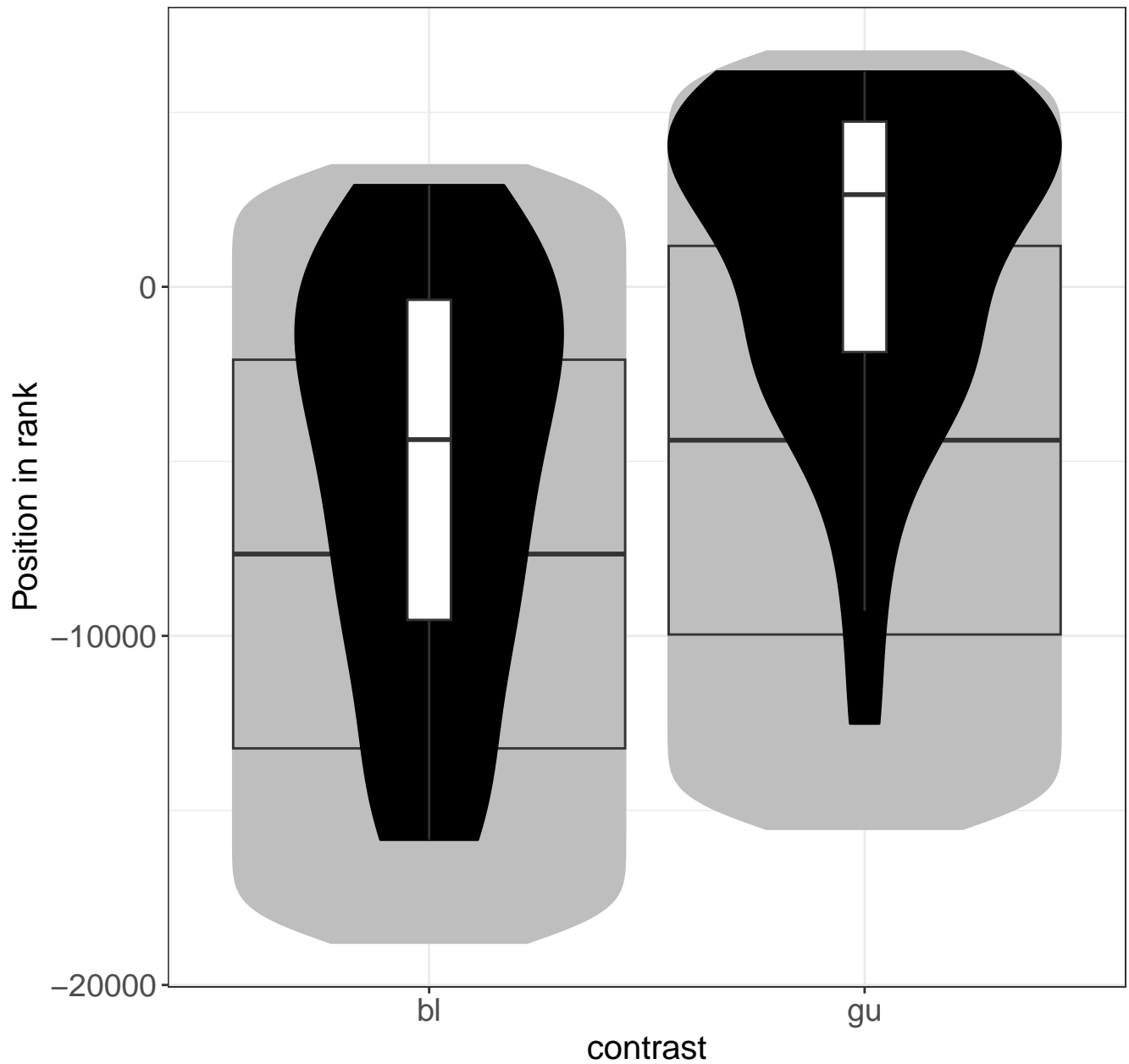
GOBP POSITIVE REGULATION OF INTERFERON BETA PRODI



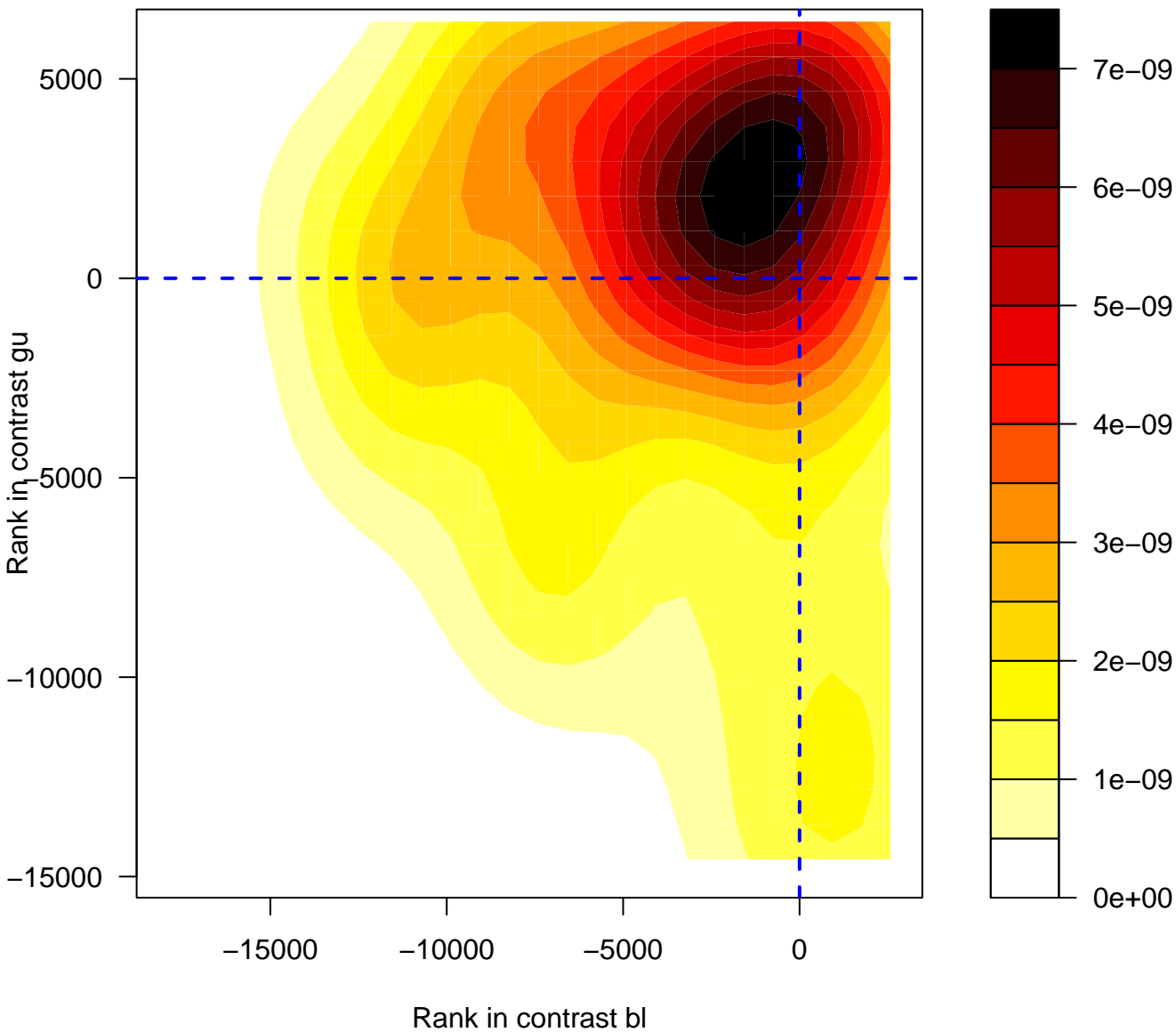
GOBP POSITIVE REGULATION OF INTERFERON BETA PRODUCTION



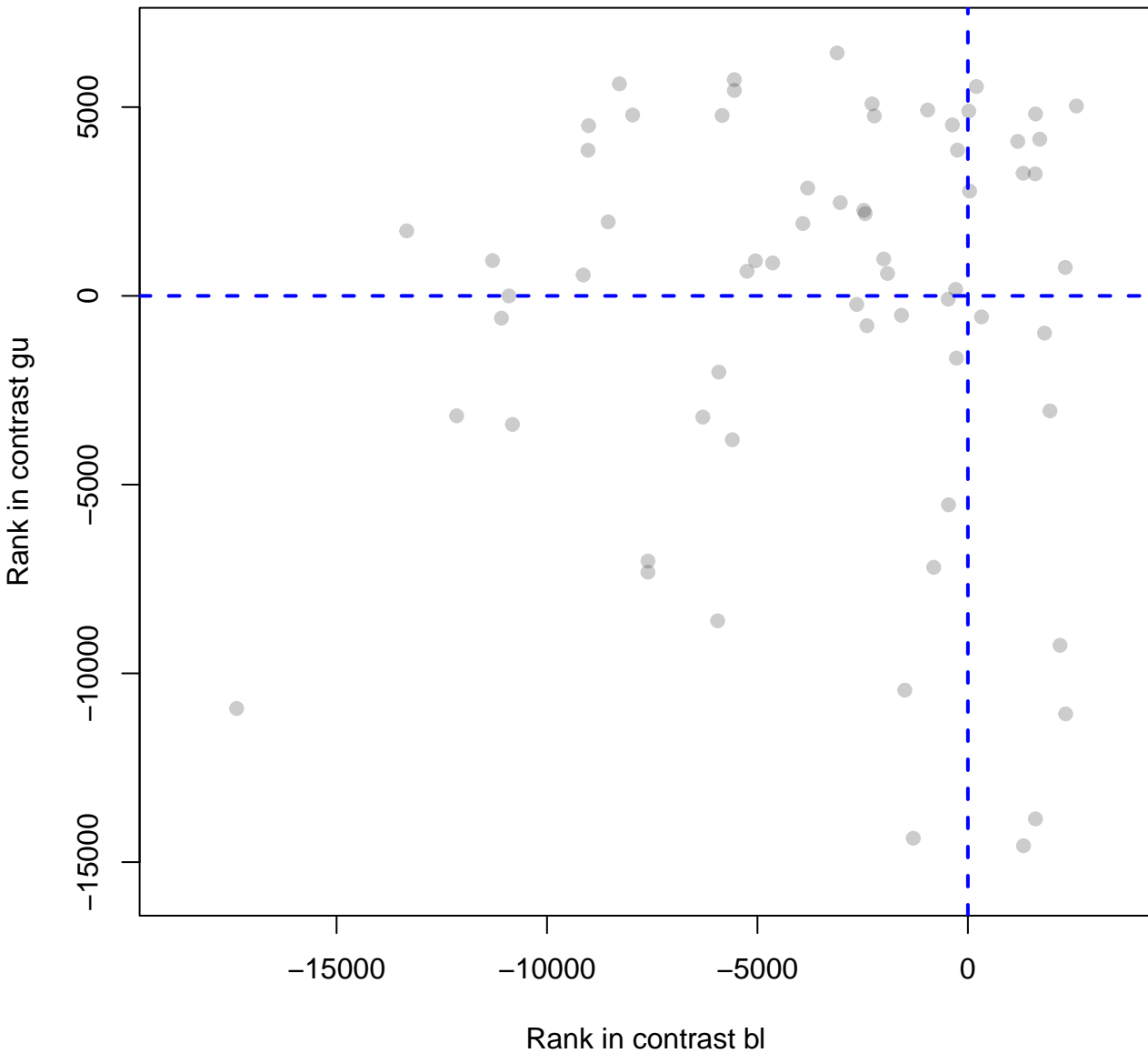
GOBP POSITIVE REGULATION OF INTERFERON



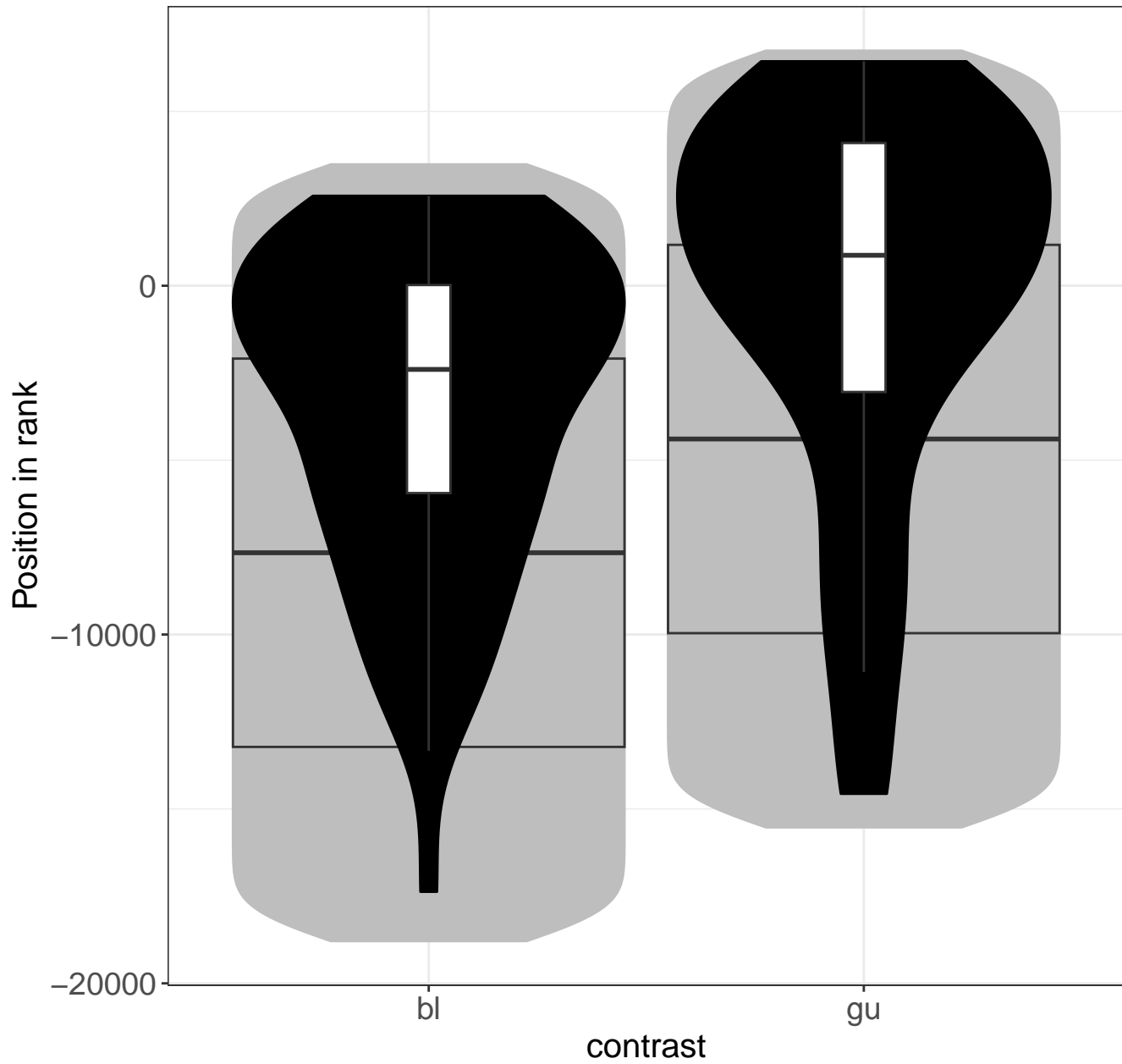
GOBP PROTON MOTIVE FORCE DRIVEN ATP SYNTHESIS



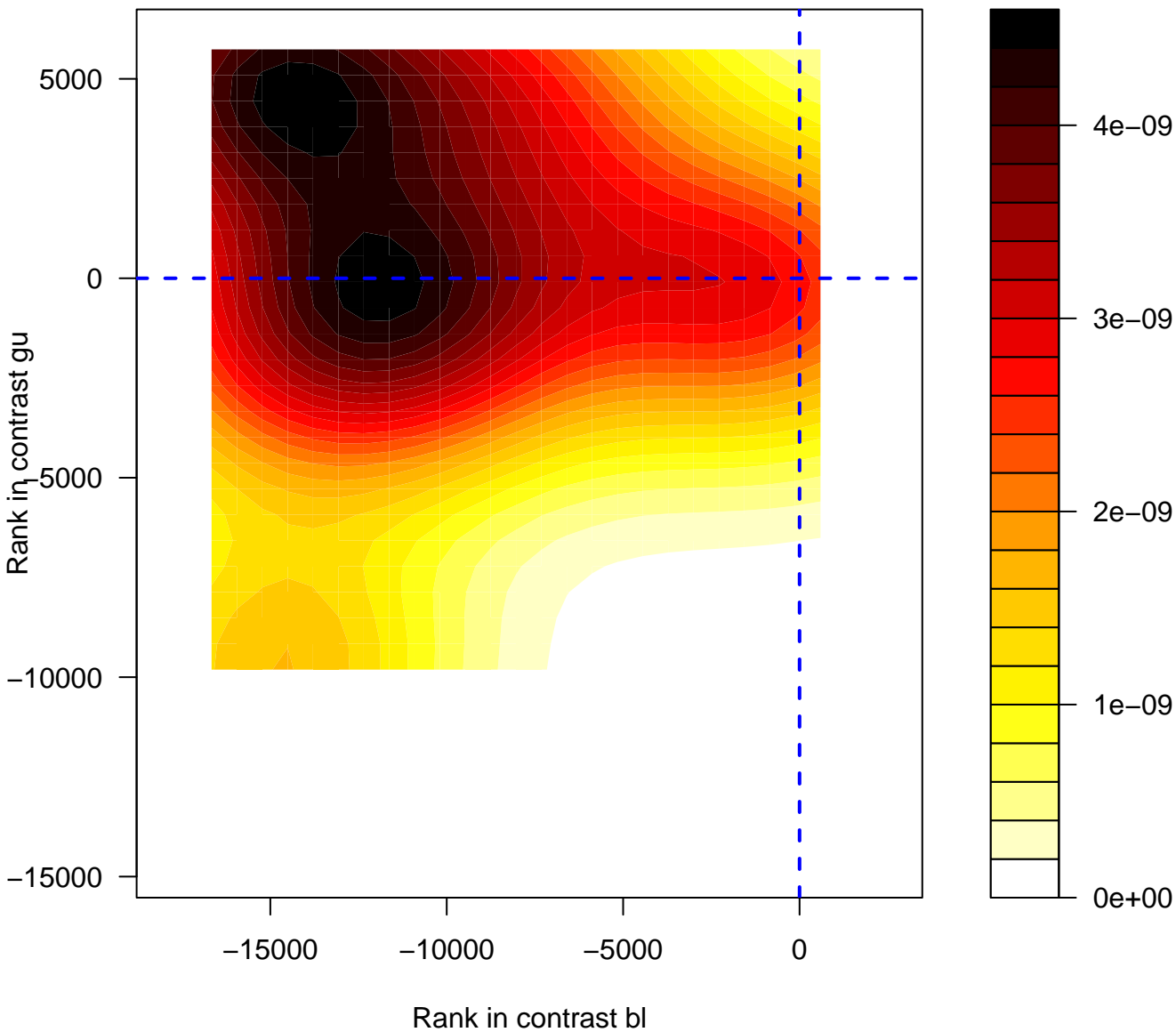
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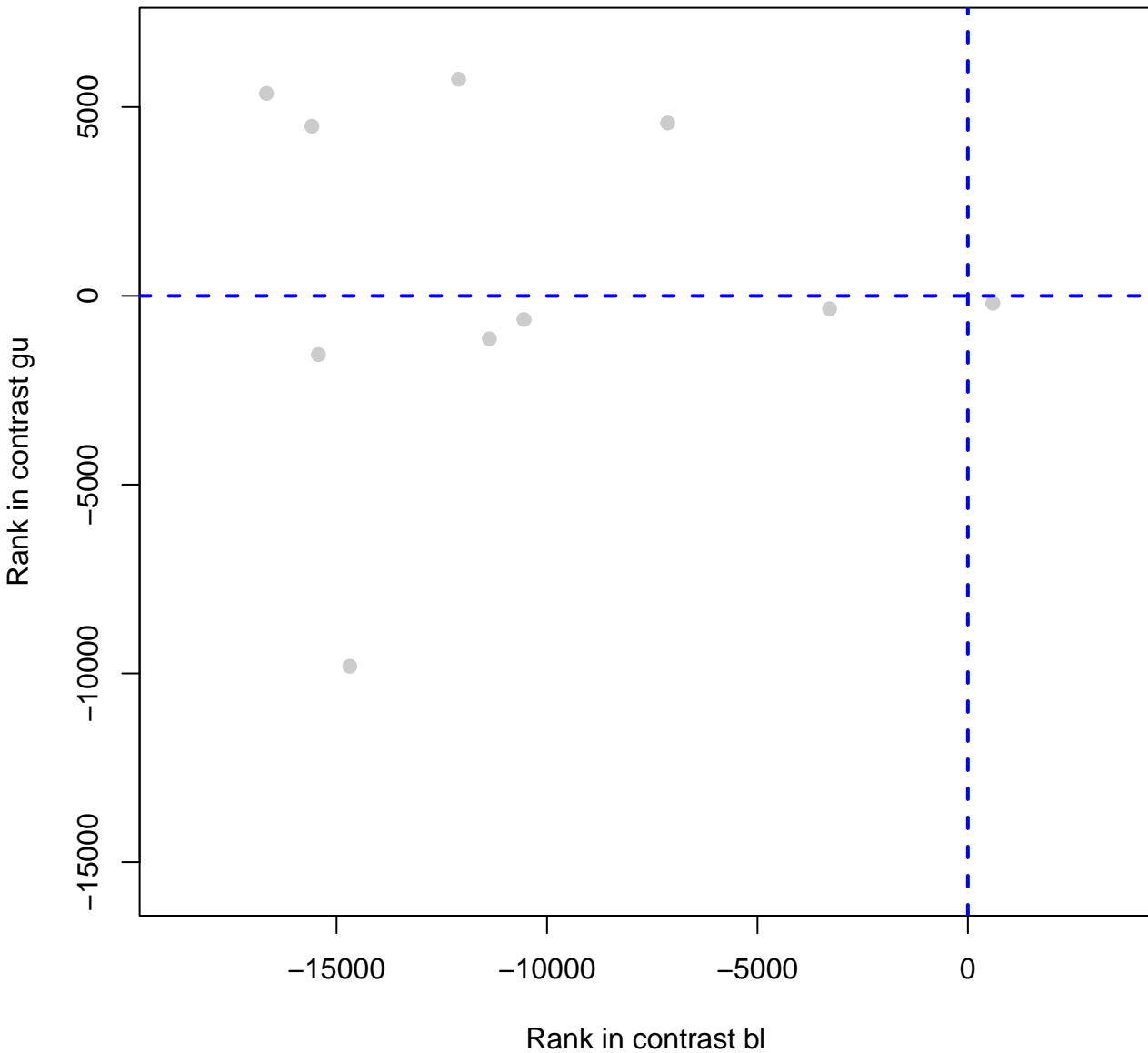
GOBP PROTON MOTIVE FORCE DRIVEN ATP



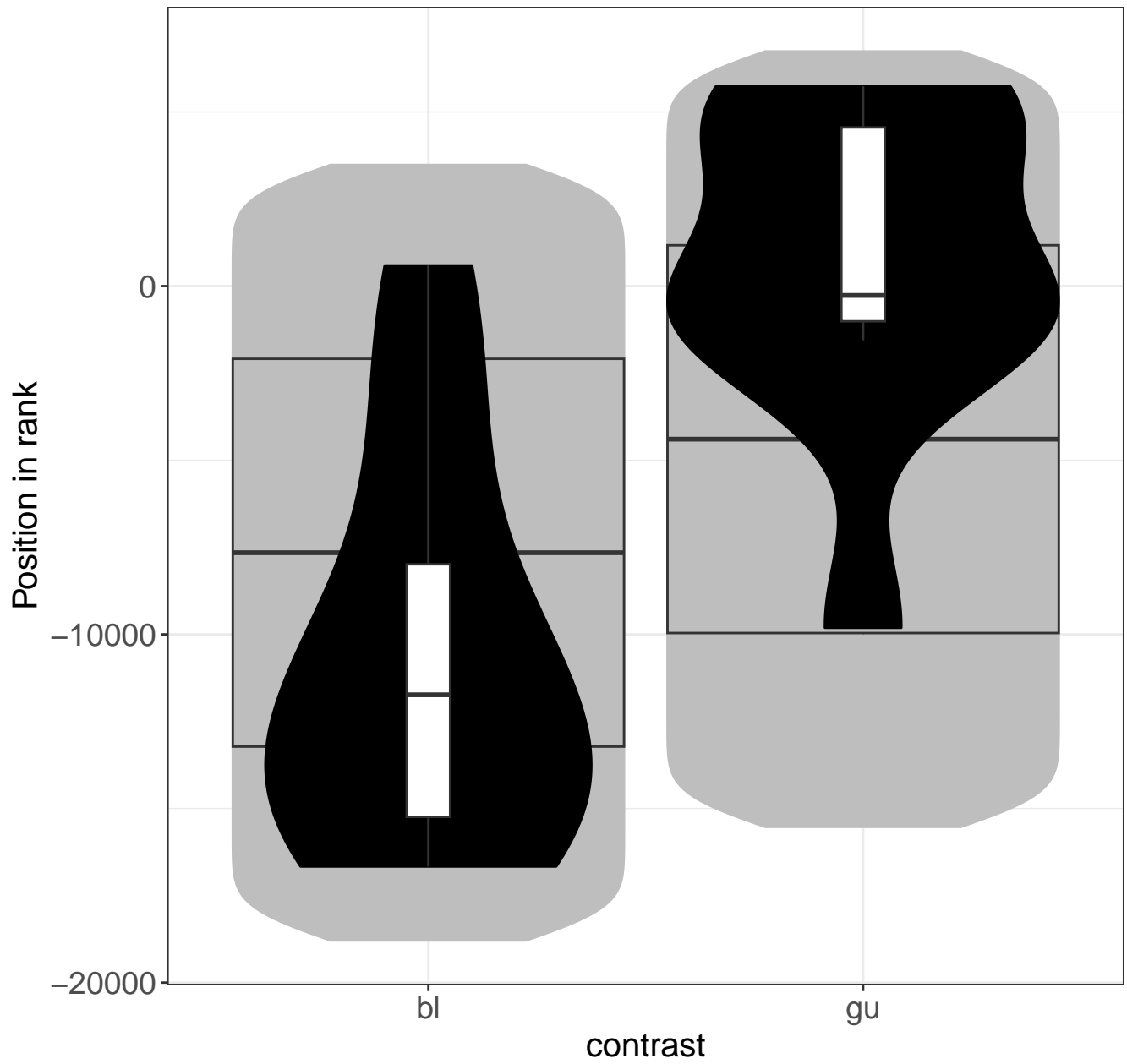
GOBP REGULATION OF PROTEIN LOCALIZATION TO CHROI



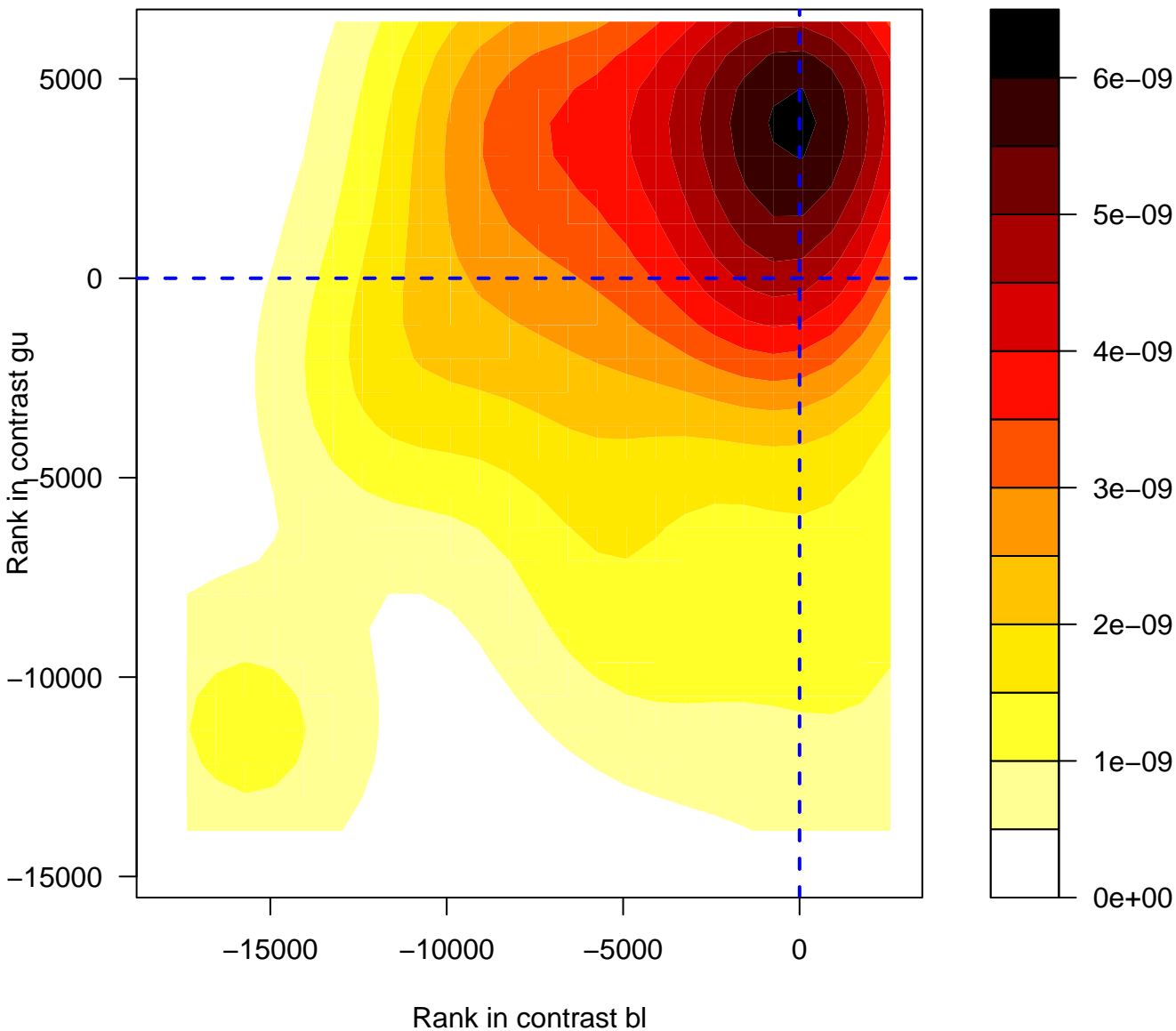
GOBP REGULATION OF PROTEIN LOCALIZATION TO CHROMATIN



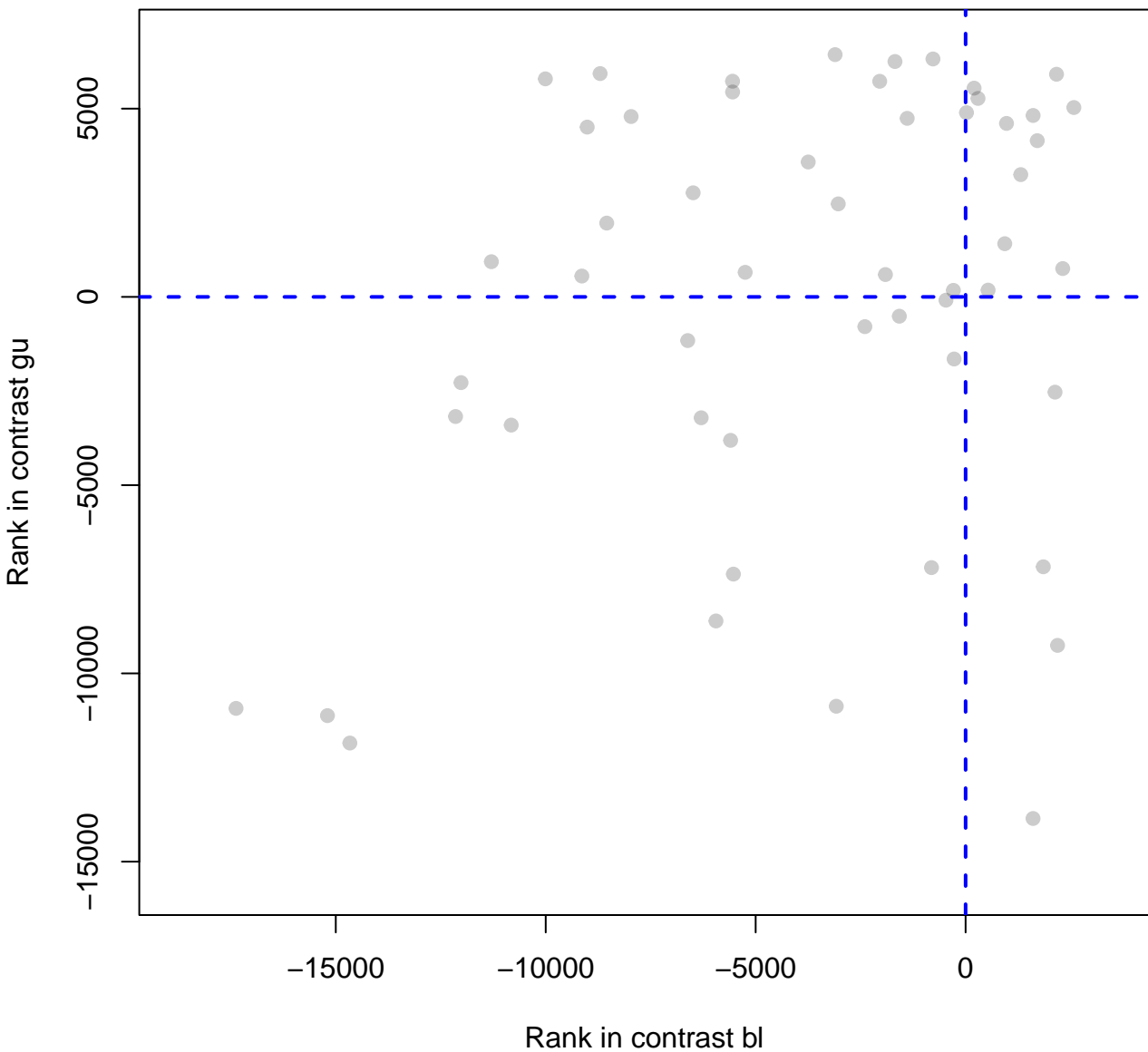
GOBP REGULATION OF PROTEIN LOCALIZATION



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