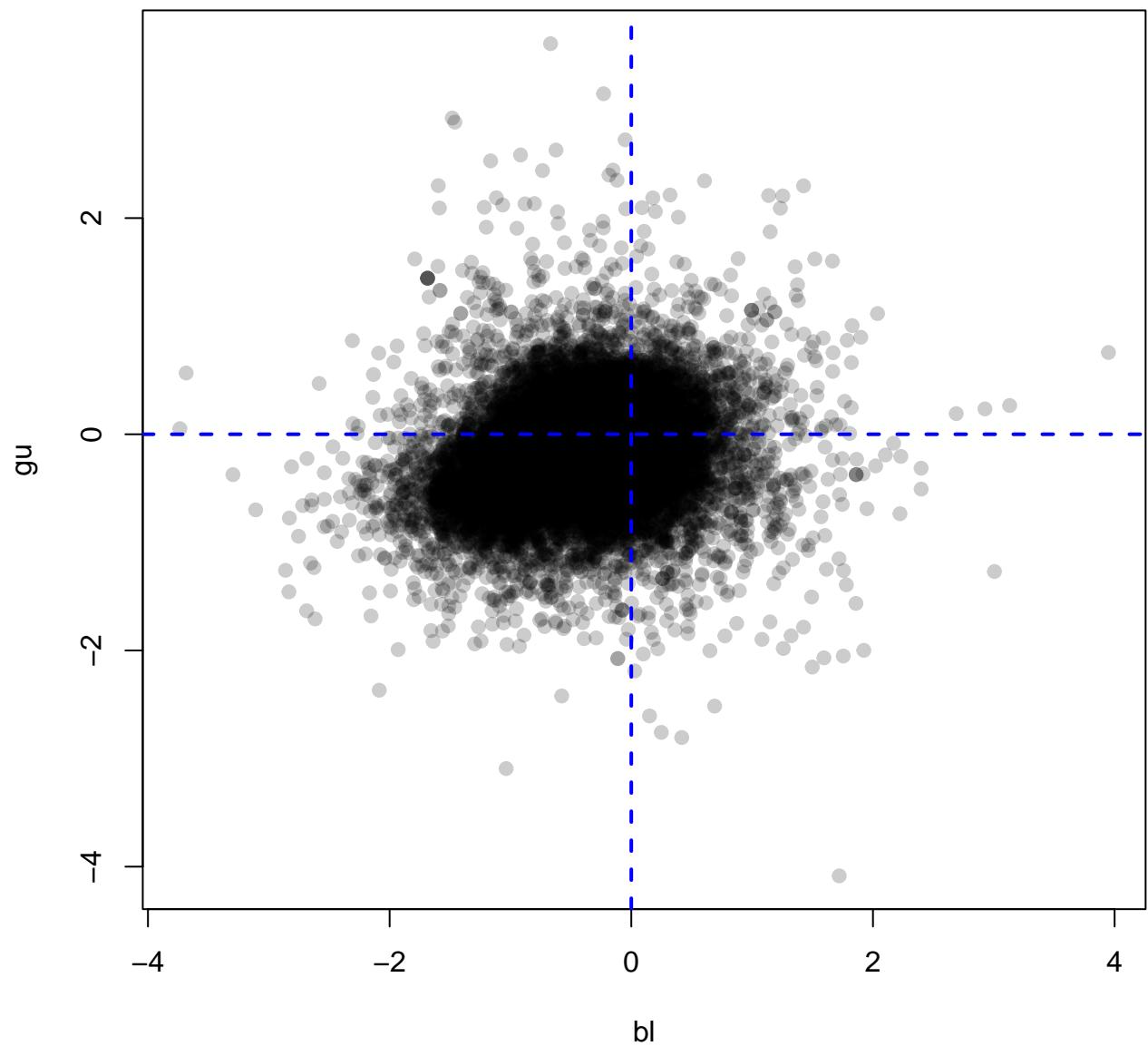
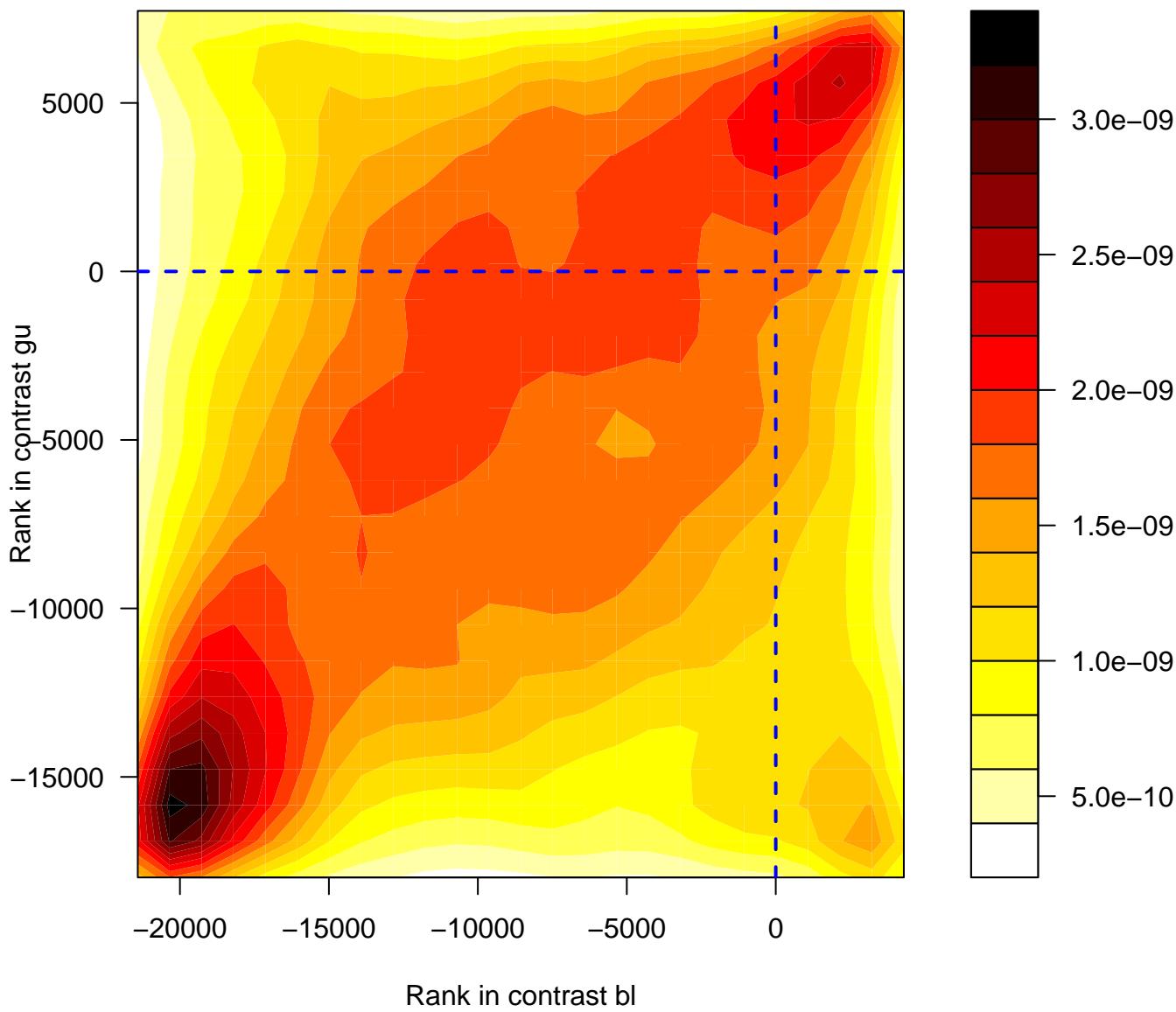


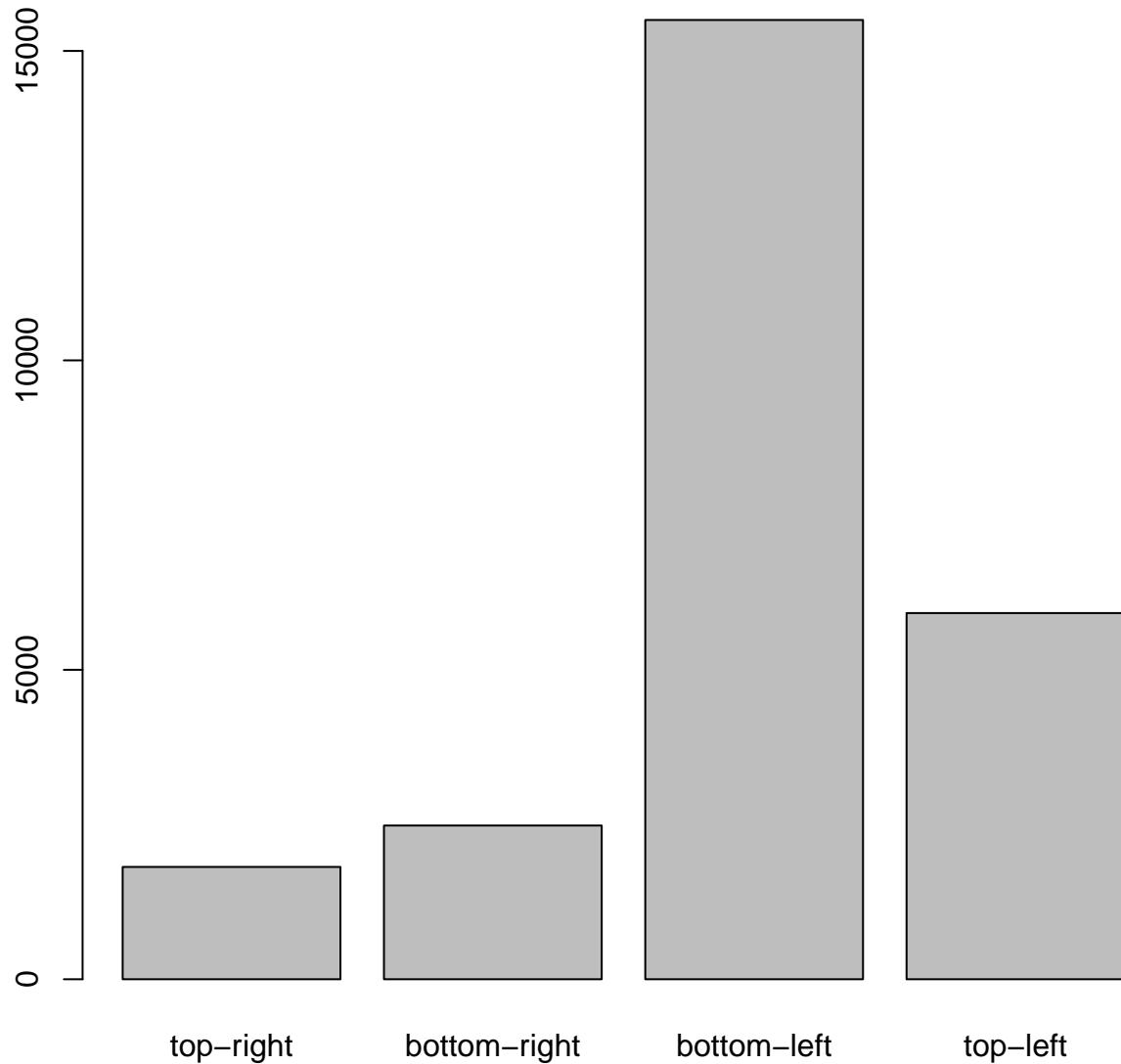
Scatterplot of all genes



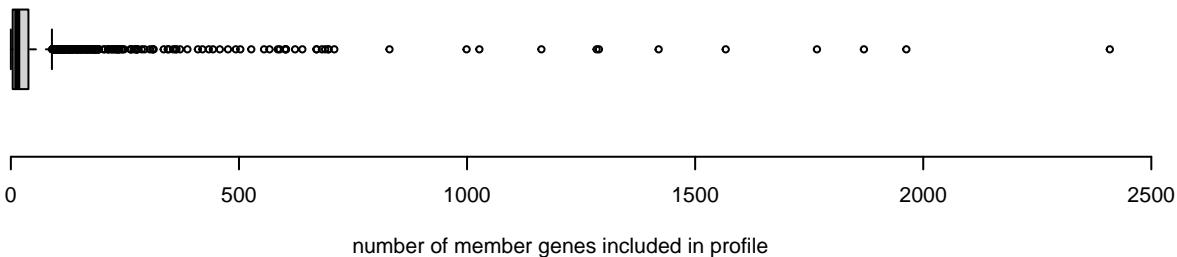
Rank–rank plot of all genes



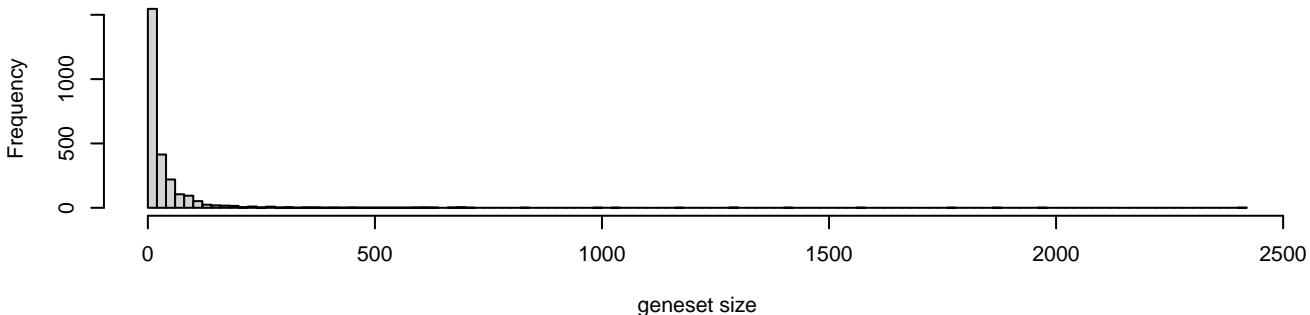
number of genes in each quadrant



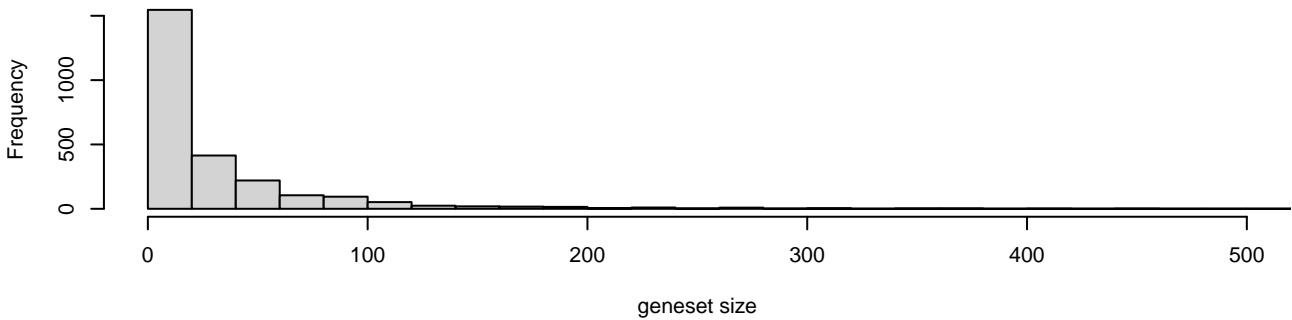
Gene set size



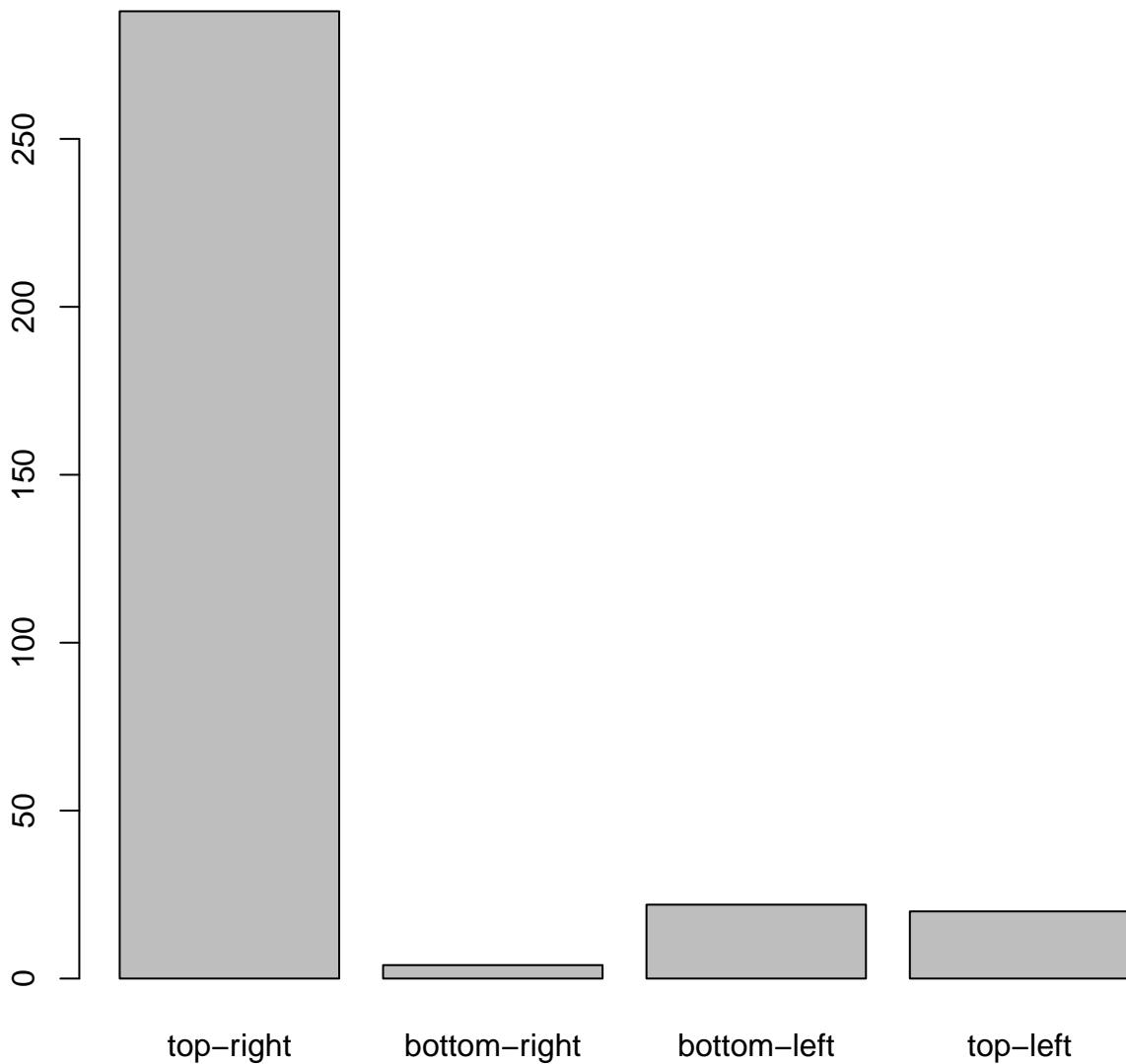
Histogram of geneset size



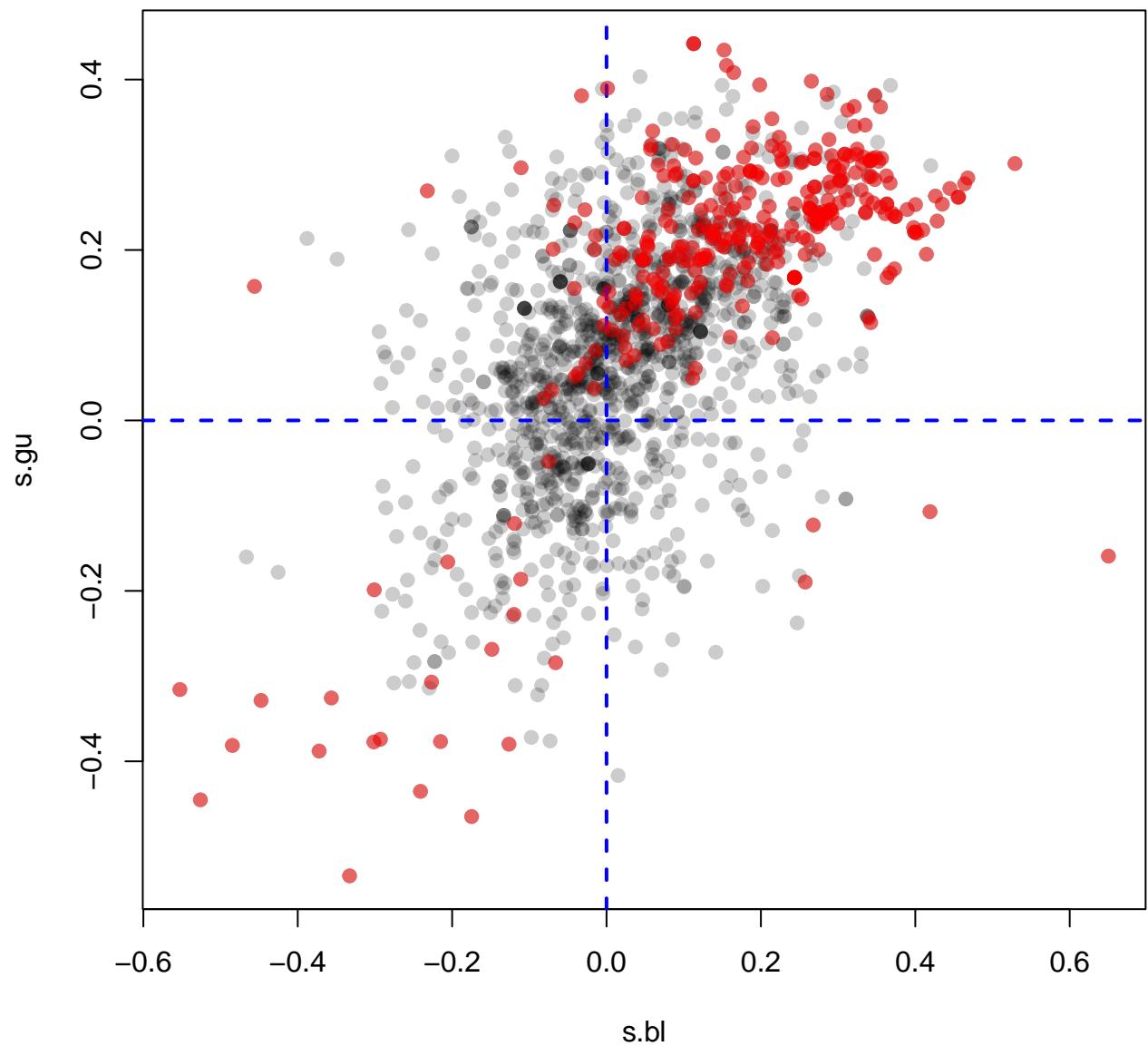
Trimmed histogram of geneset size



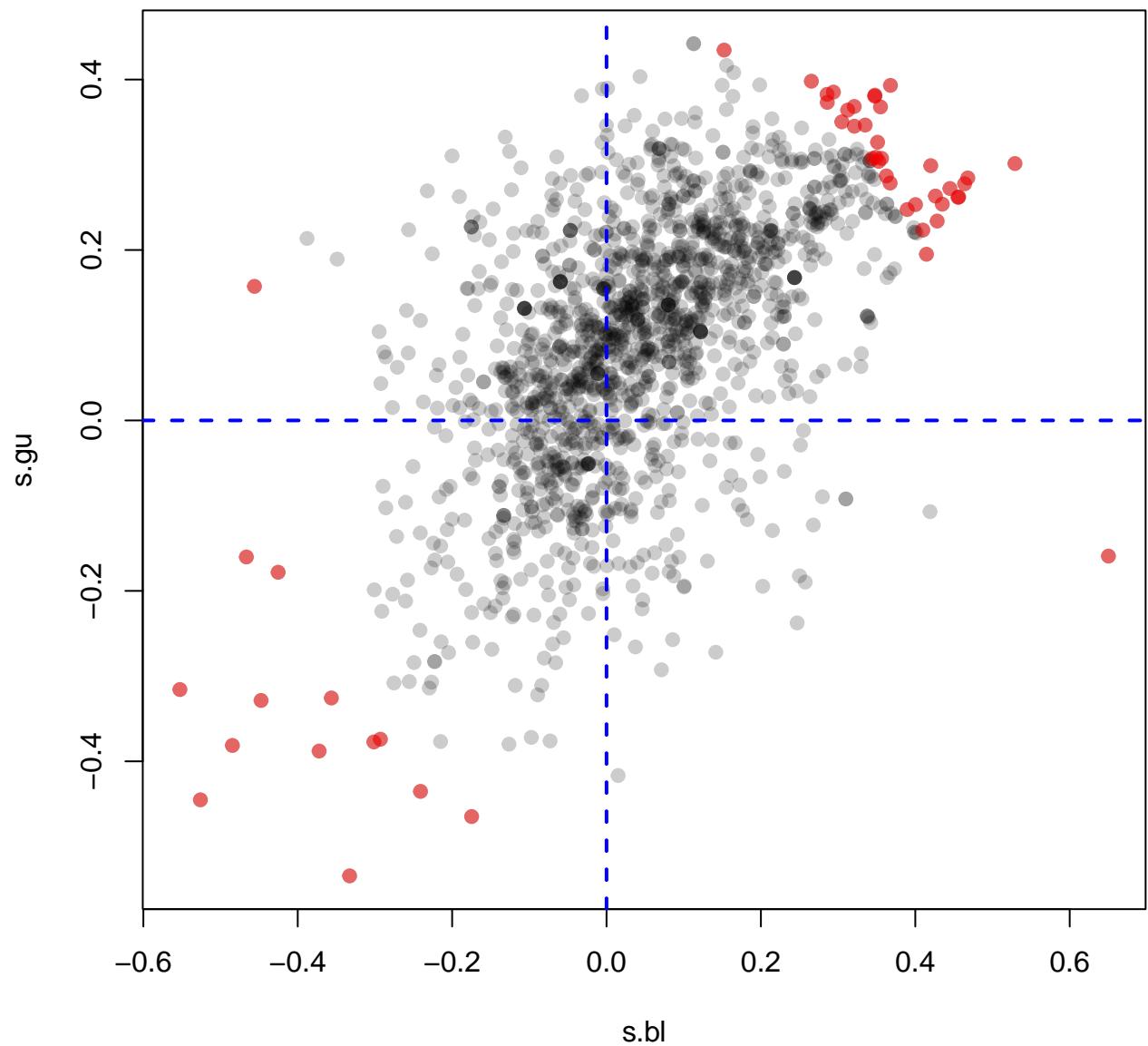
number of genesets FDR<0.05



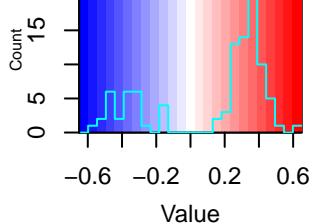
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 50 in red



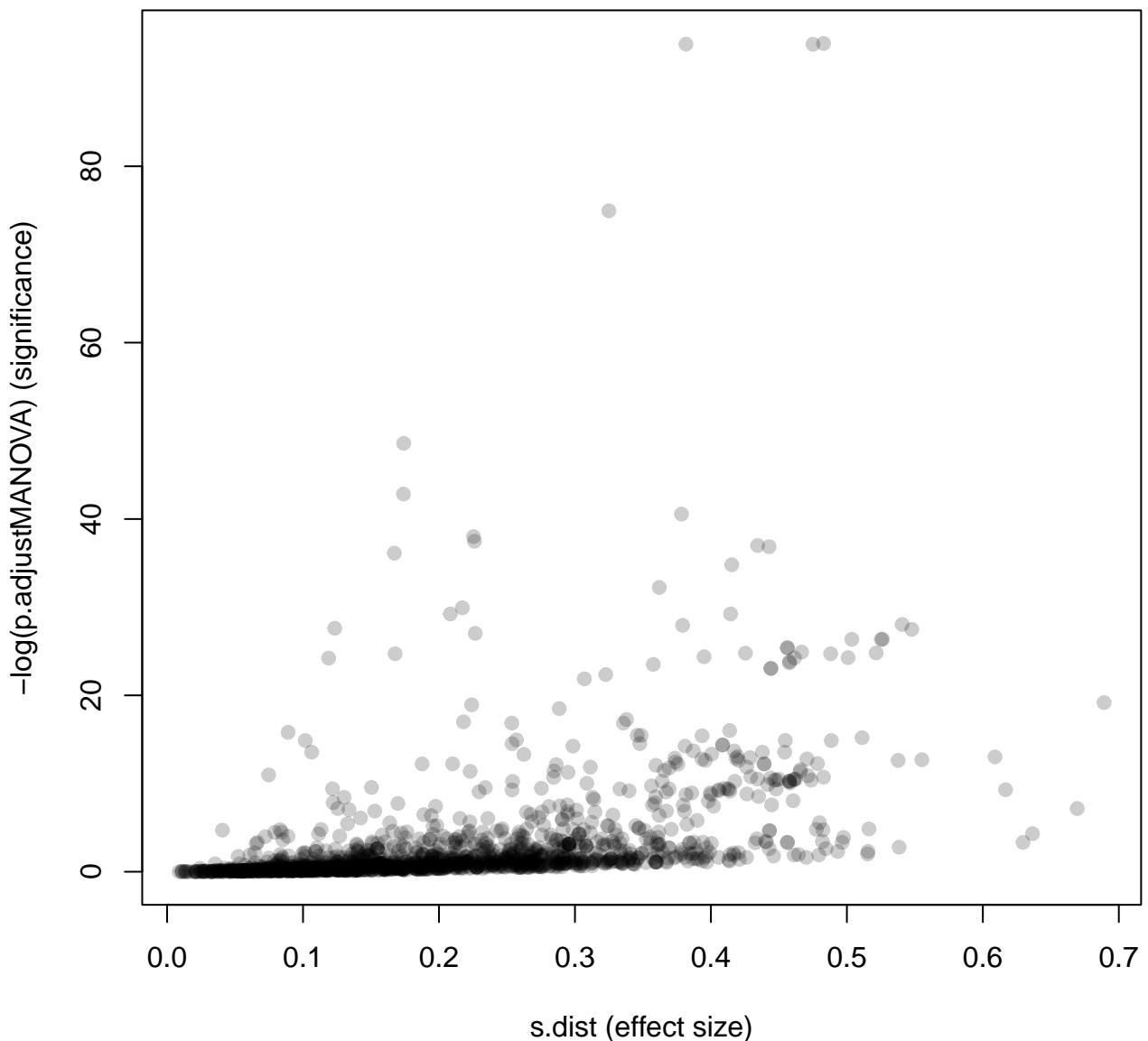
Color Key and Histogram



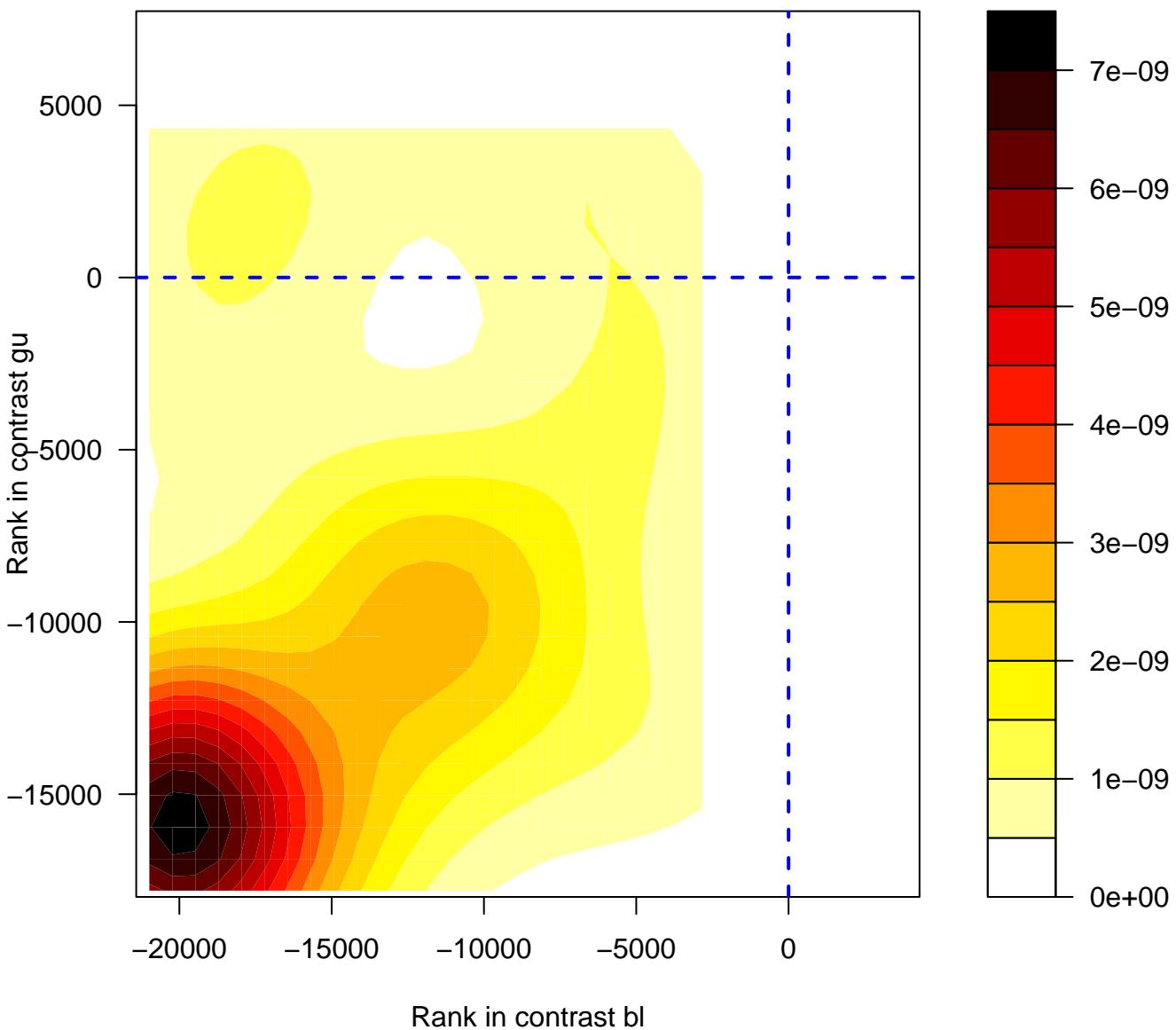
GTP hydrolysis and joining of the 60S ribosomal subunit
SRP-dependent cotranslational protein targeting to membrane
Response of EIF2AK4 (GCN2) to amino acid deficiency
Eukaryotic Translation Termination
Viral mRNA Translation
Eukaryotic Translation Elongation
The role of GTSE1 in G2/M progression after G2 checkpoint
Hh mutants are degraded by ERAD
Activation of the TFAP2 (AP-2) family of transcription factors
Autodegradation of the E3 ubiquitin ligase COP1
Autodegradation of Cdh1 by Cdh1:APC/C
Mitochondrial iron-sulfur cluster biogenesis
GSK3B and BTTC:CUL1-mediated-degradation of NFE2L2
TICAM1,TRAF6-dependent induction of TAK1 complex
TICAM1-dependent activation of IRF3/IRF7
APC/C:Cdc20 mediated degradation of Cyclin B
Senescence-Associated Secretory Phenotype (SASP)
Eicosanoids
Activation of RAC1
Class C/3 (Metabotropic glutamate/pheromone receptors)
Sensory perception of sweet, bitter, and umami (glutamate) taste
Prednisone ADME
Digestion
Expression and translocation of olfactory receptors
Aspirin ADME

gu di

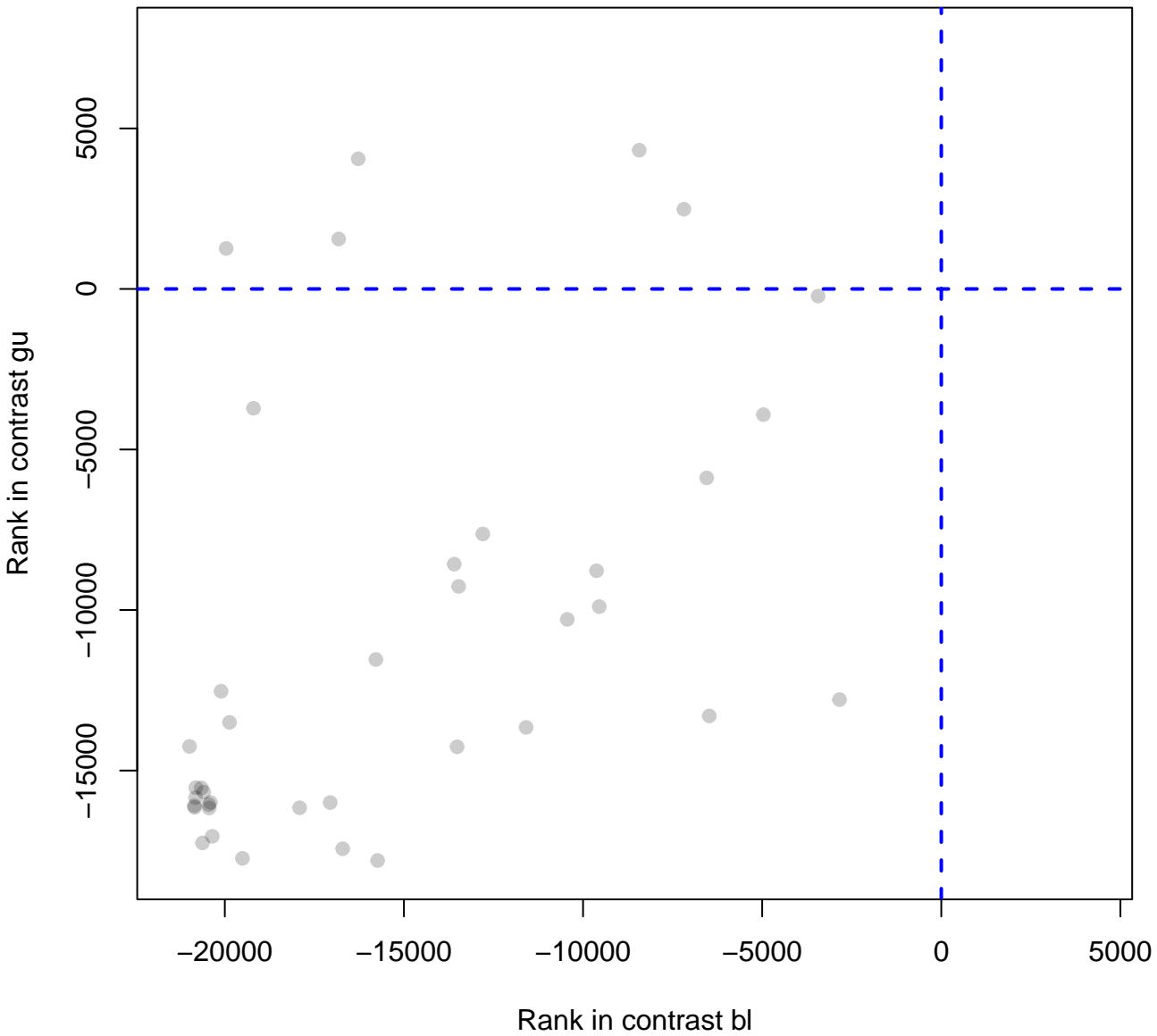
effect size versus statistical significance



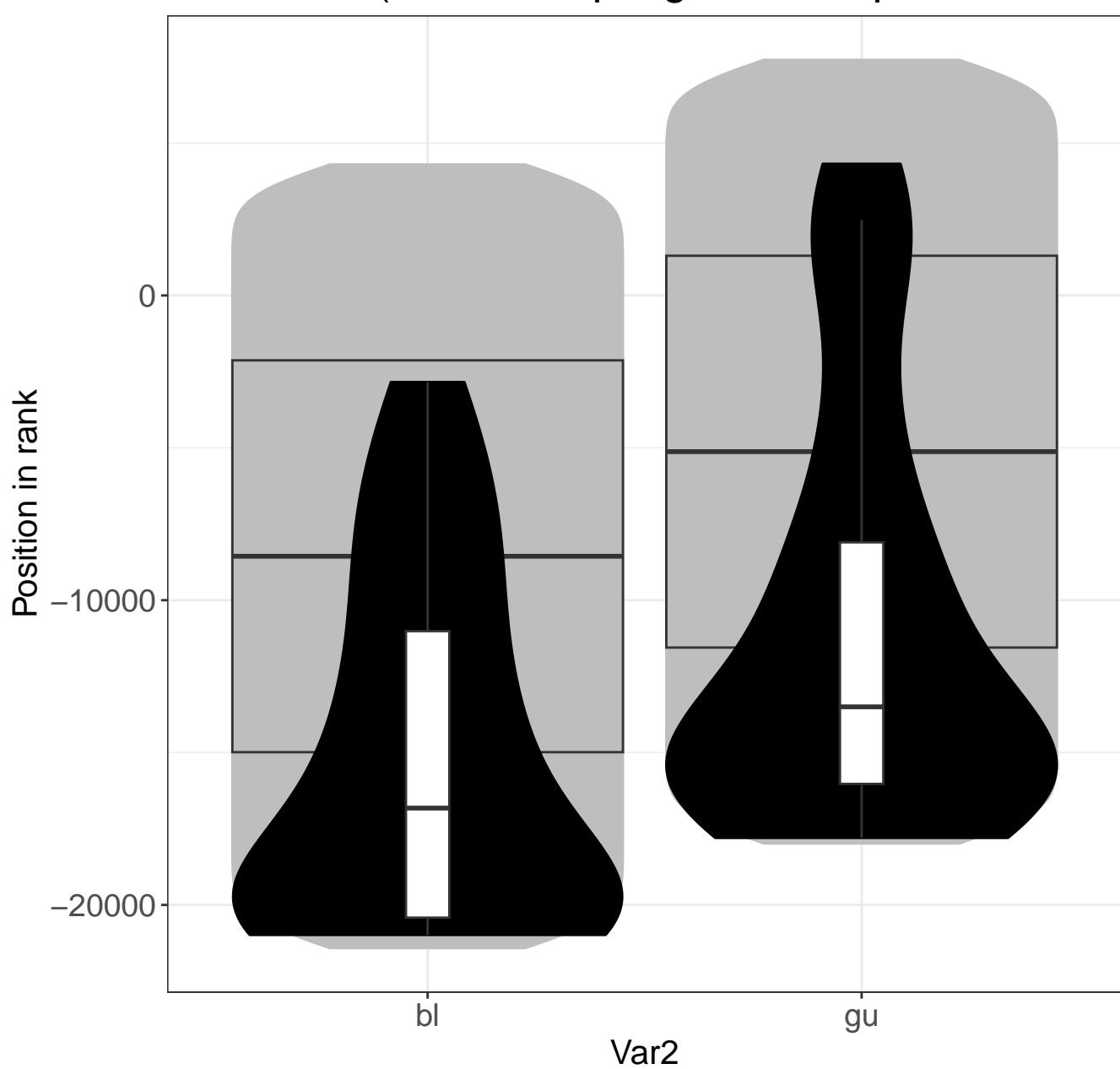
Class C/3 (Metabotropic glutamate/pheromone receptor)



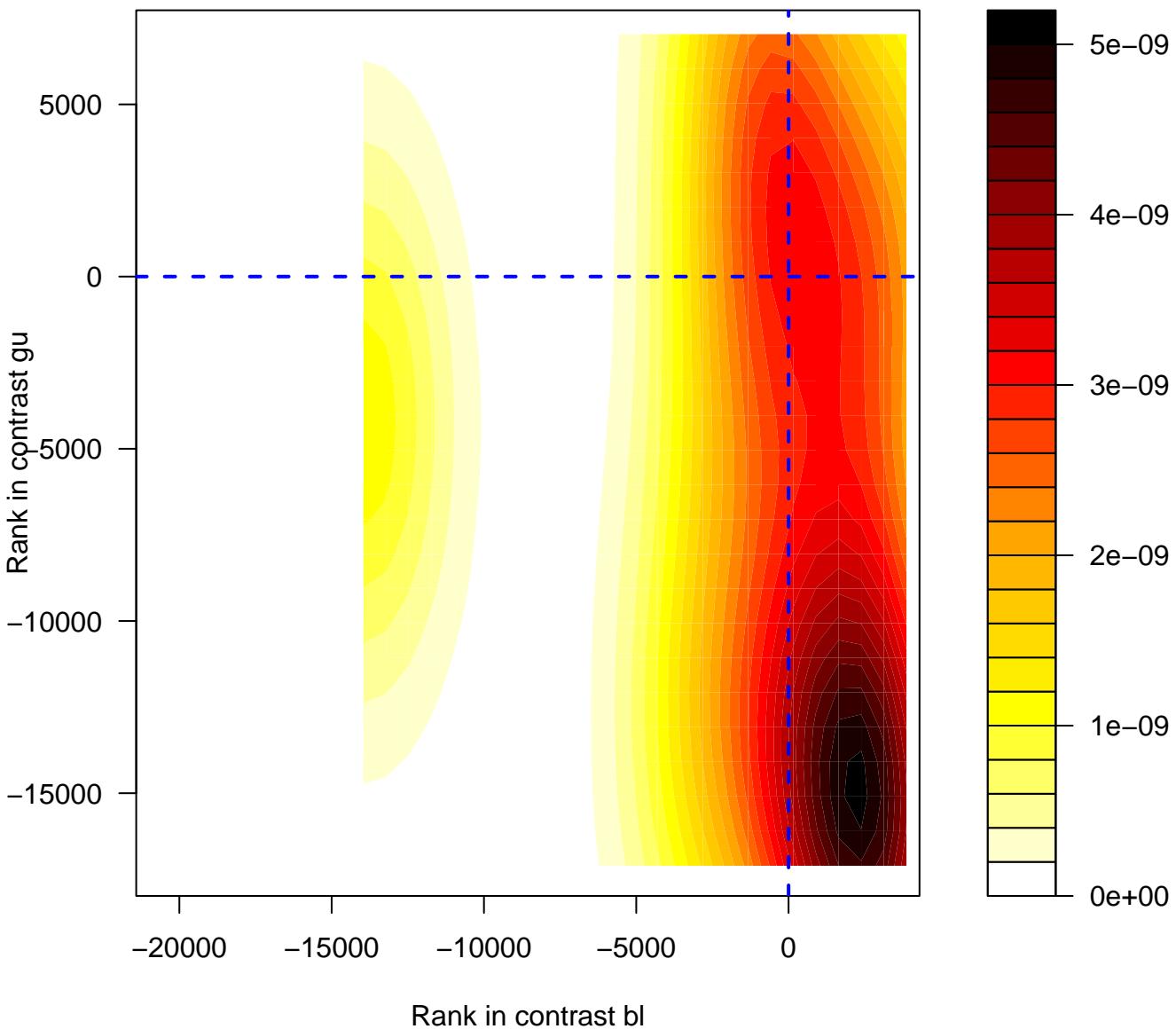
Class C/3 (Metabotropic glutamate/pheromone receptors)



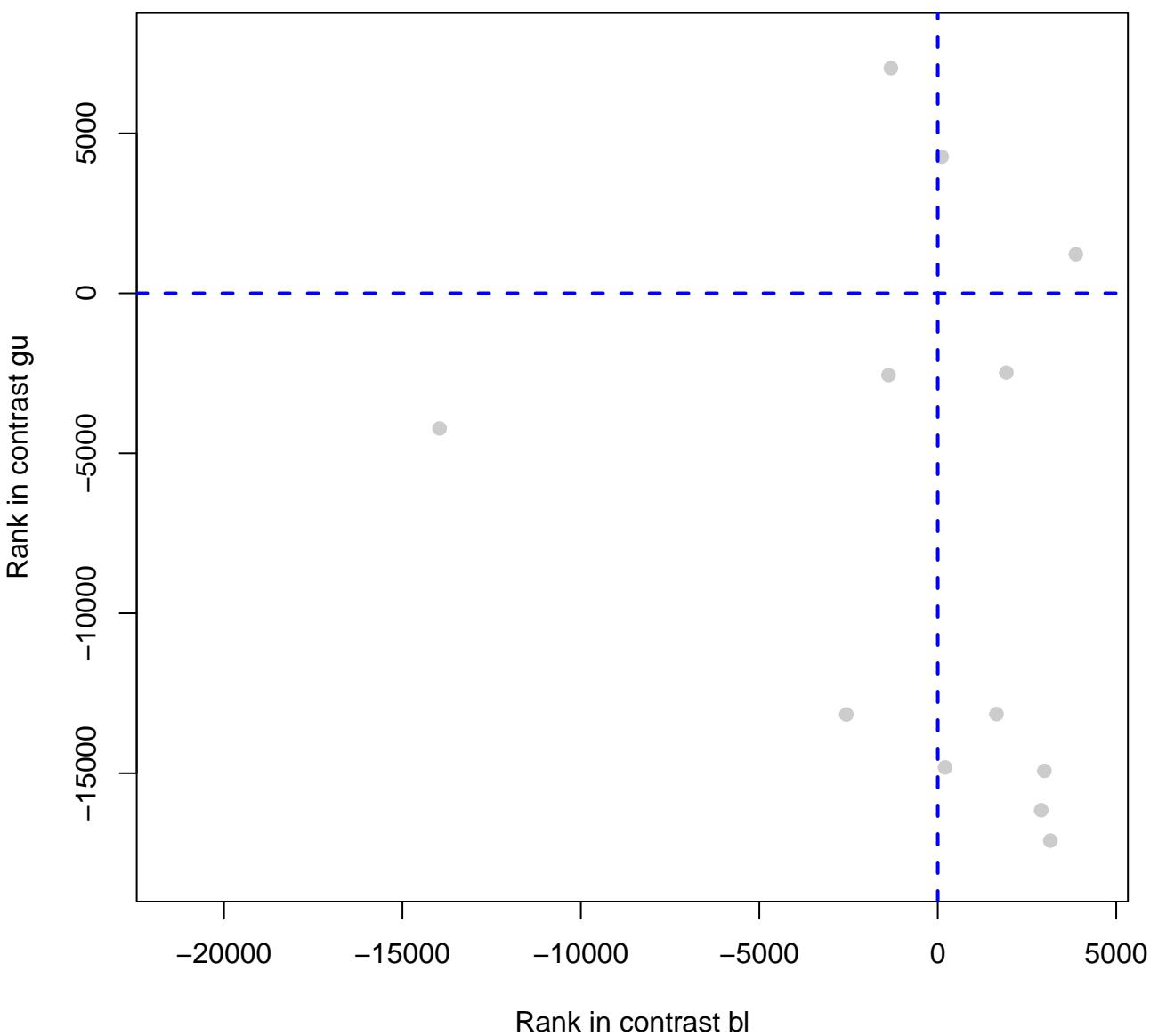
Class C/3 (Metabotropic glutamate/pheromone re



Eicosanoids

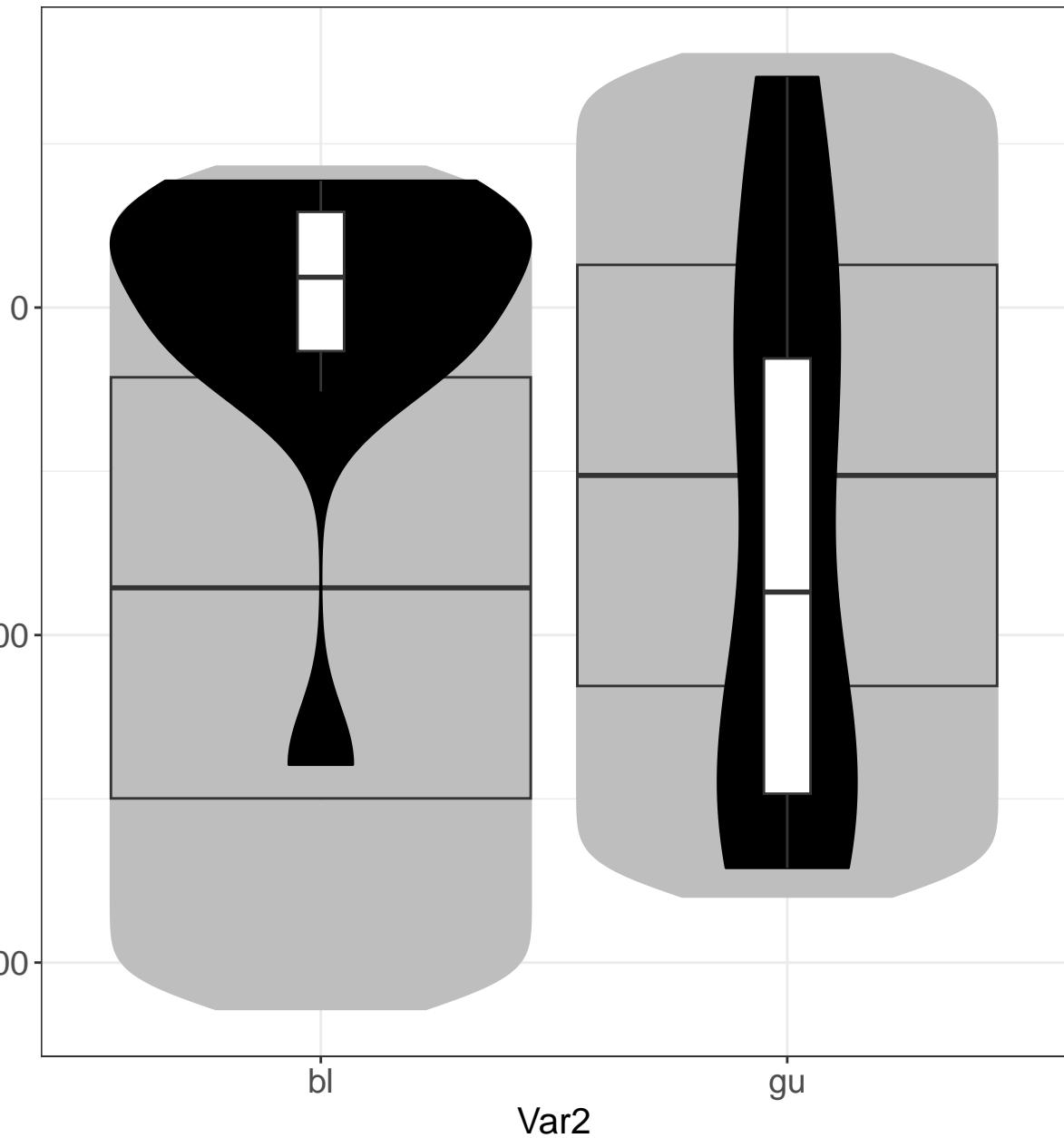


Eicosanoids

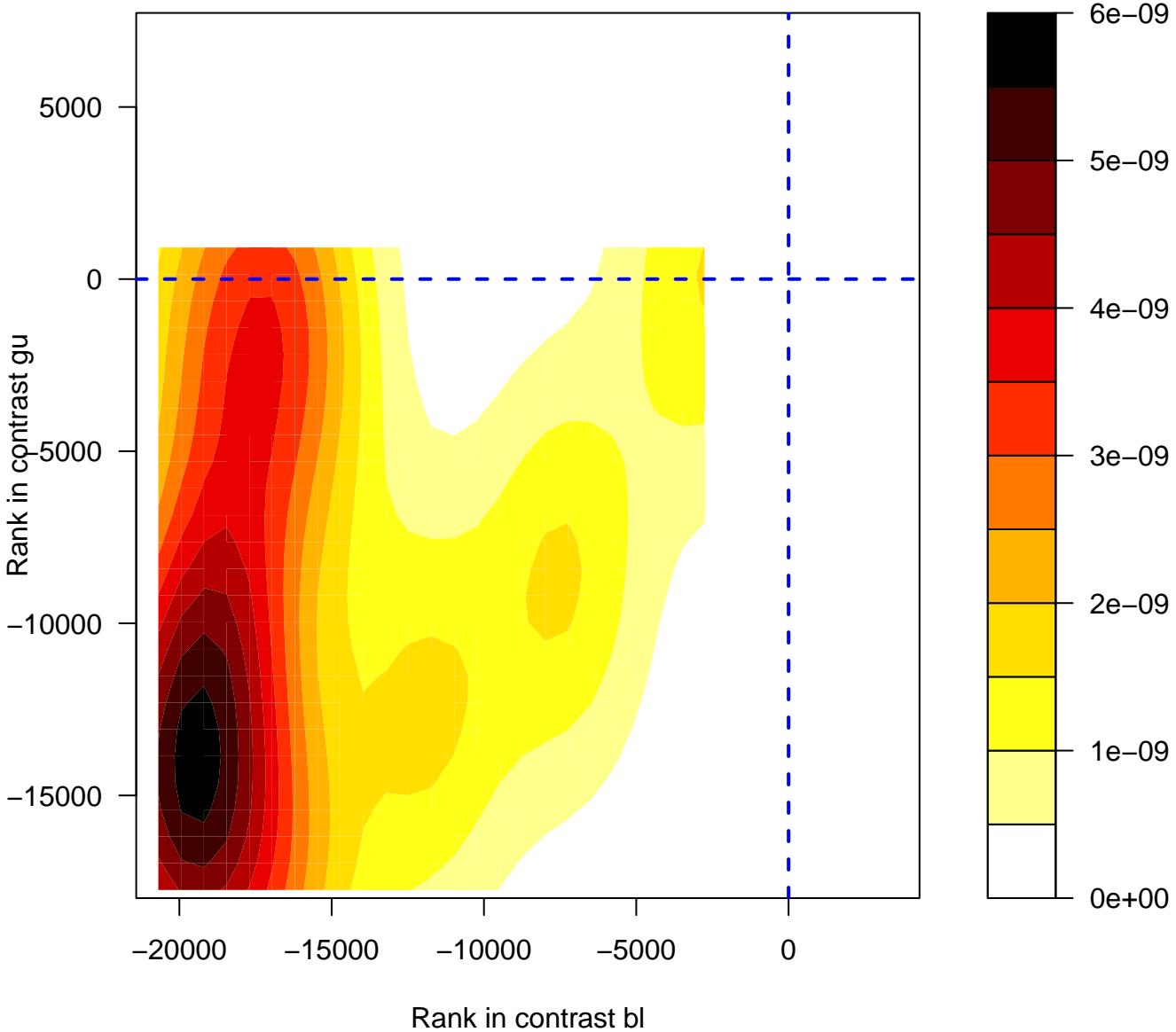


Eicosanoids

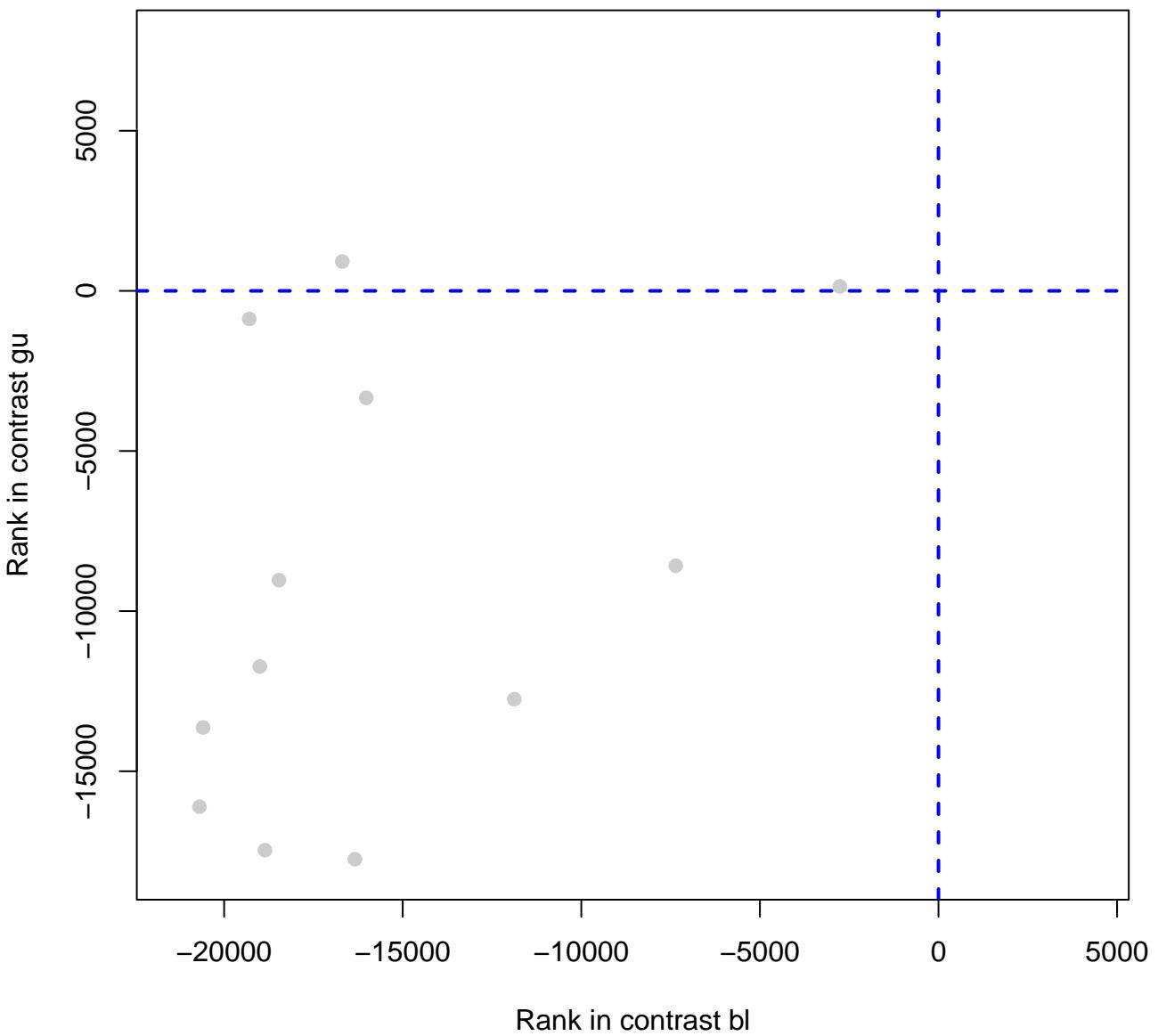
Position in rank



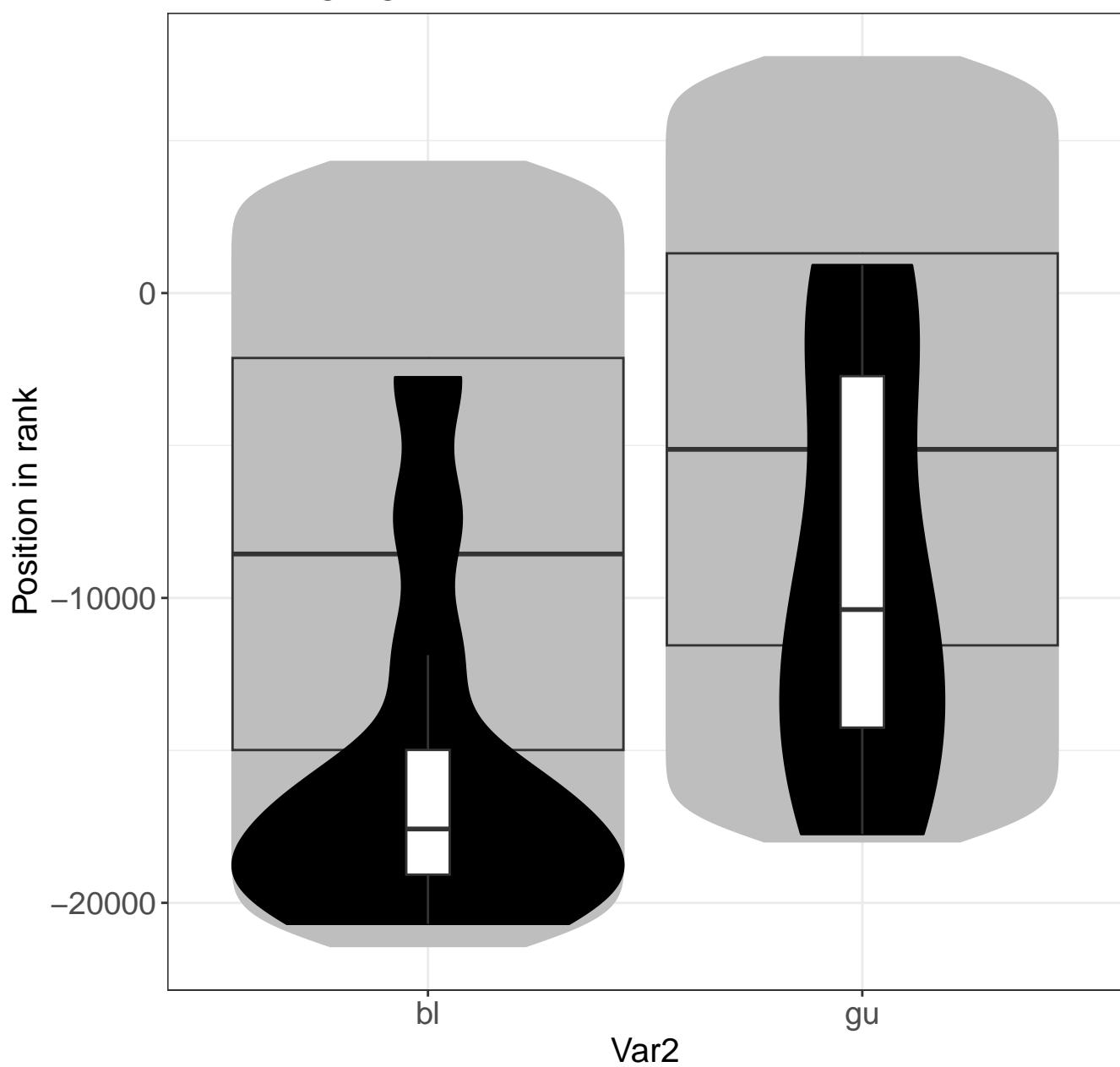
Scavenging of heme from plasma



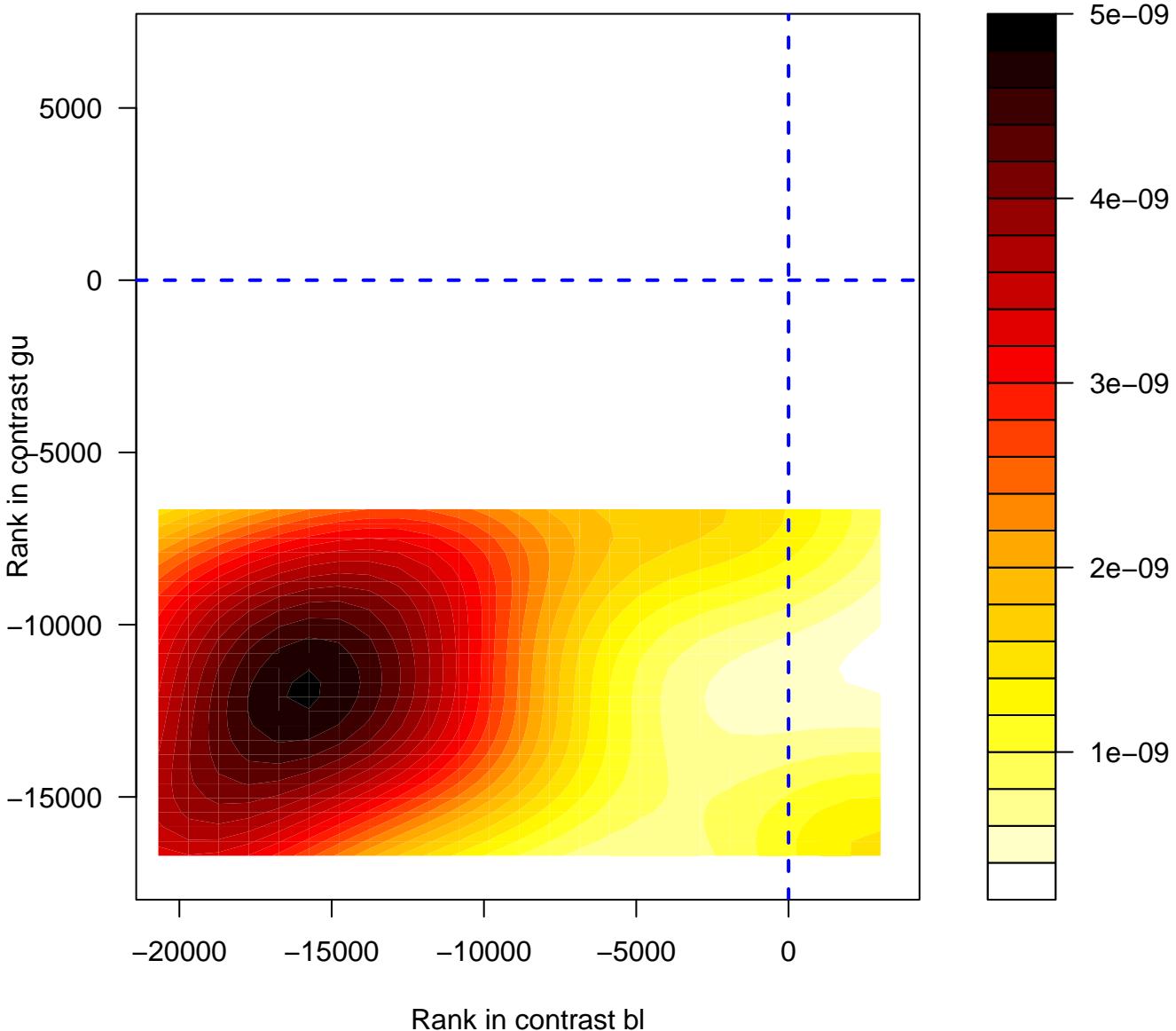
Scavenging of heme from plasma



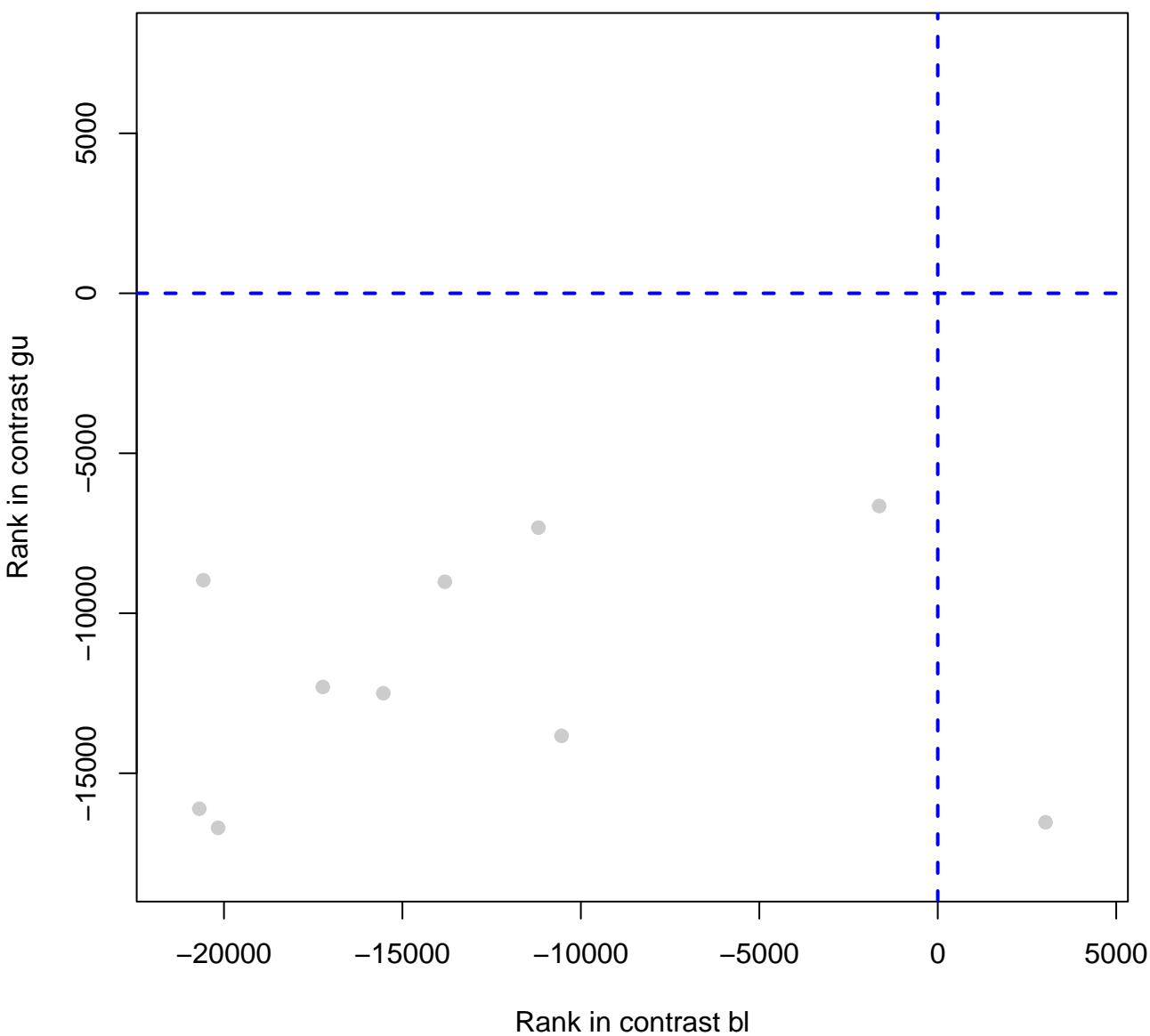
Scavenging of heme from plasma



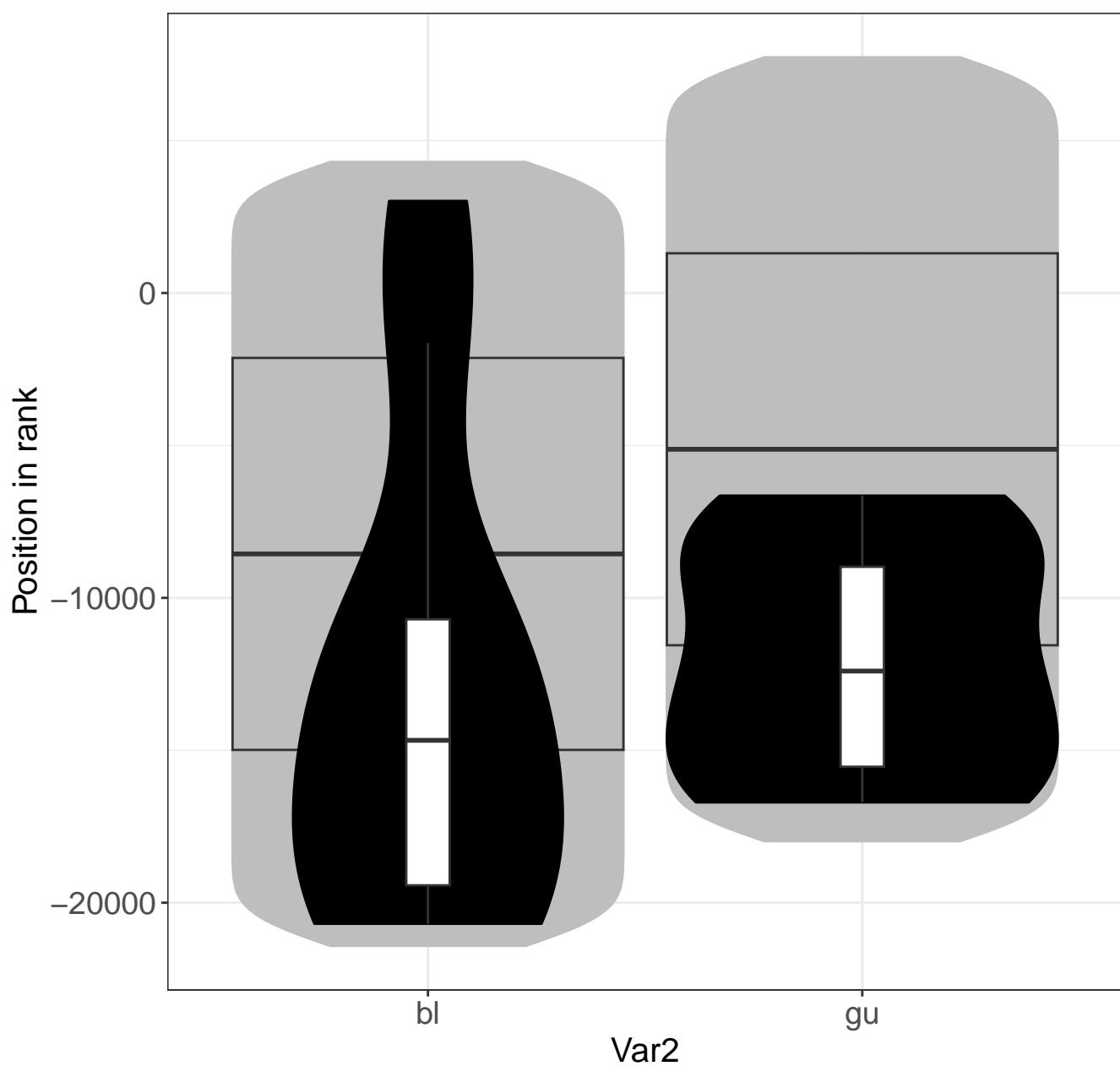
Prednisone ADME



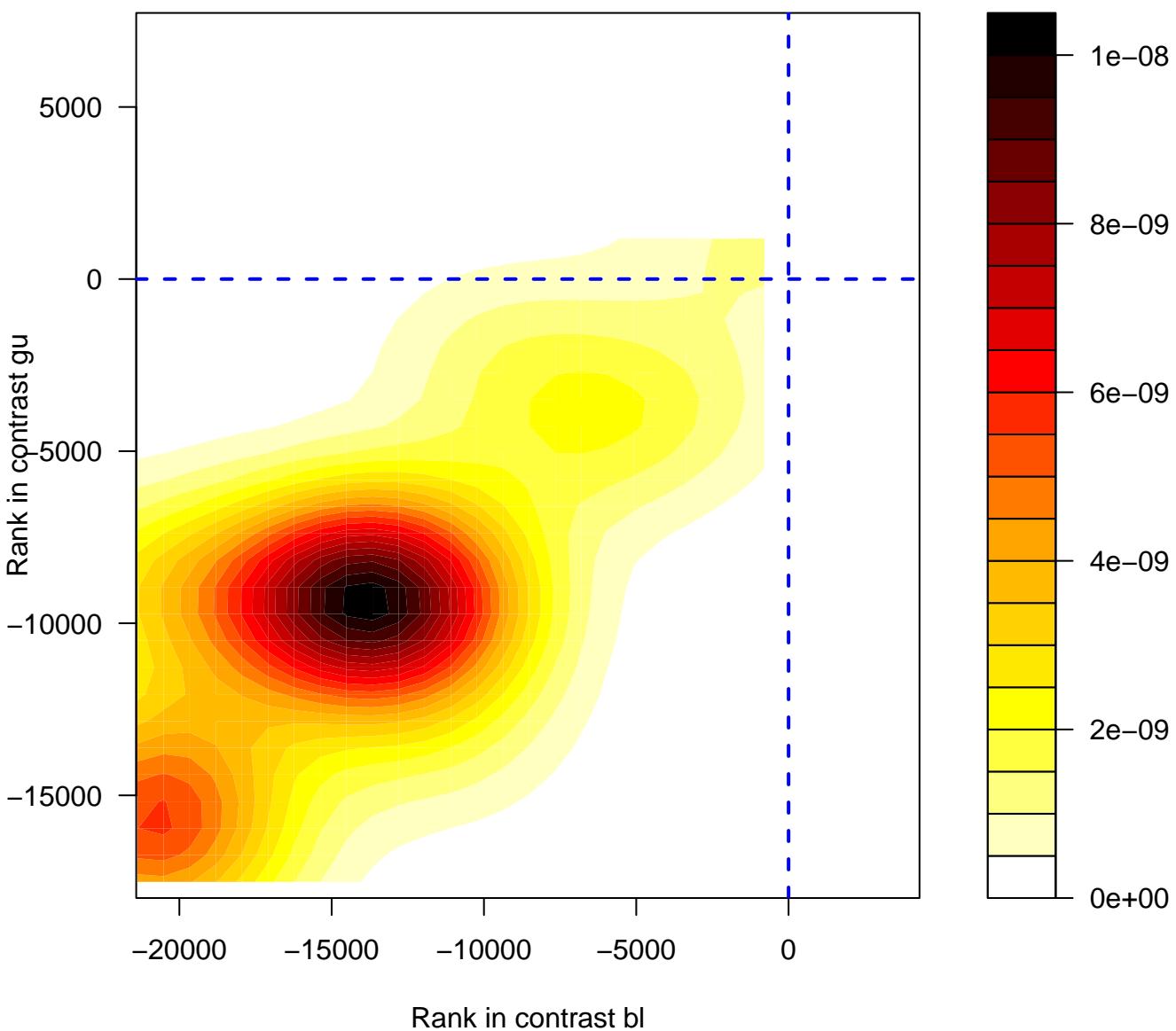
Prednisone ADME



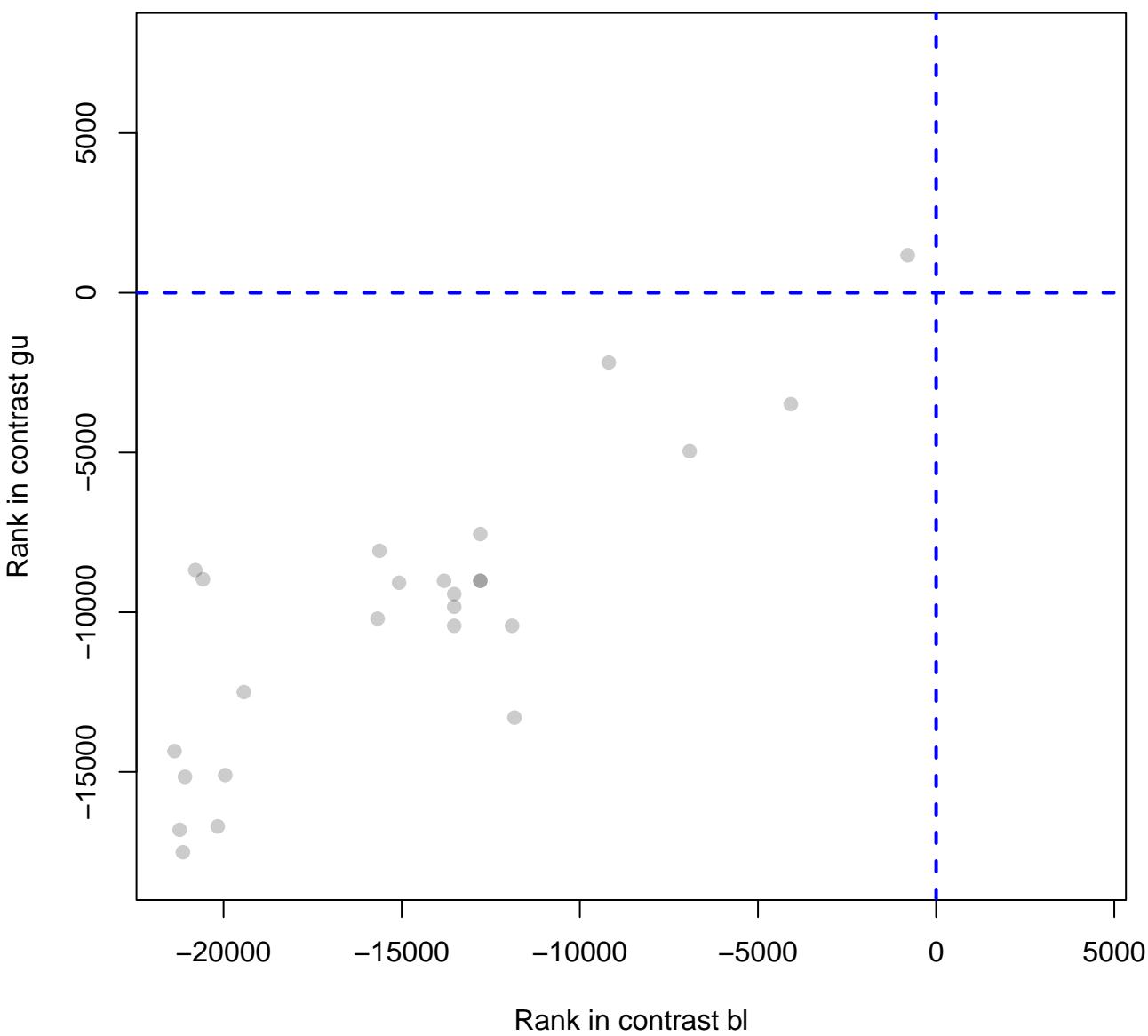
Prednisone ADME



Glucuronidation

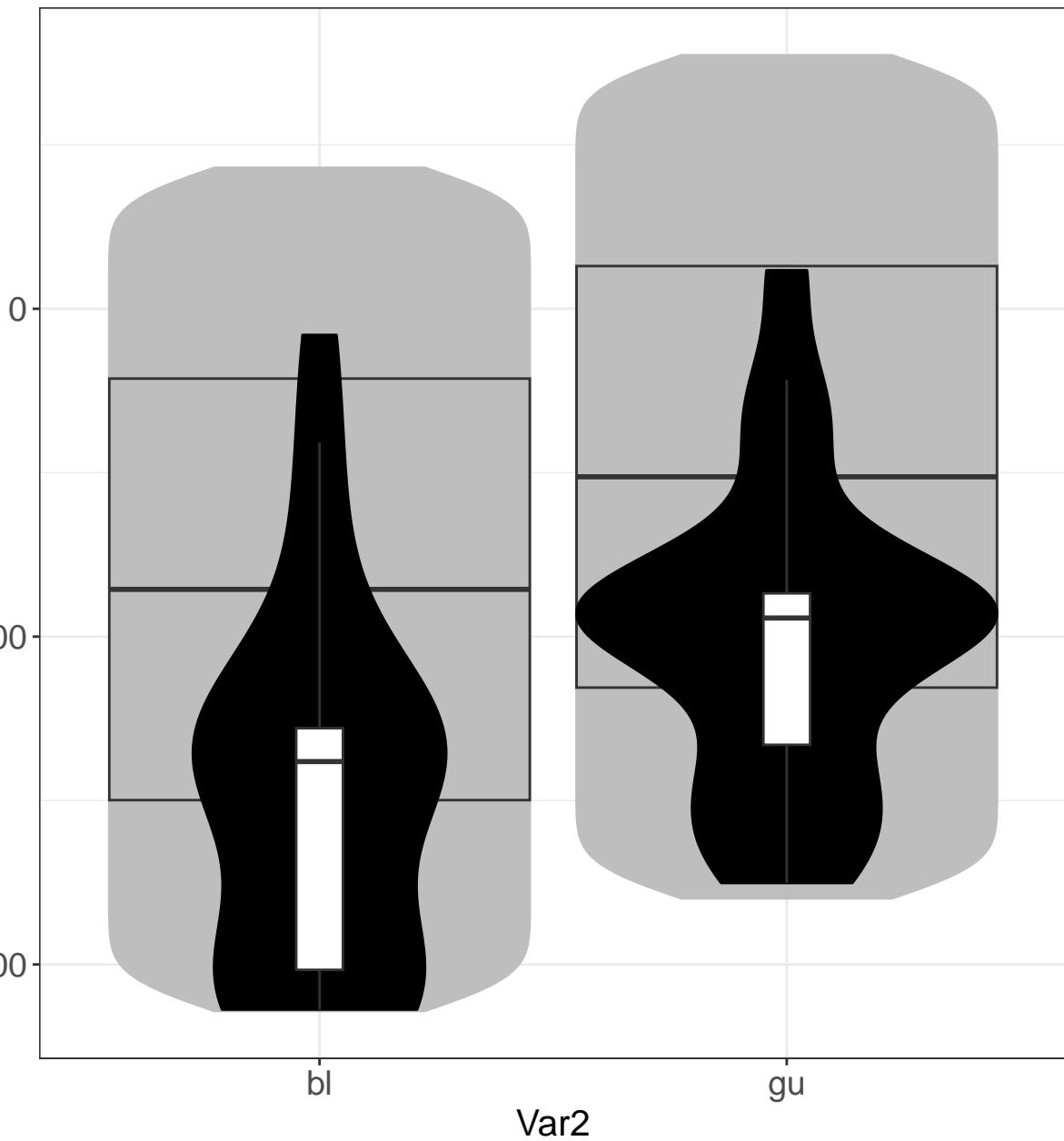


Glucuronidation

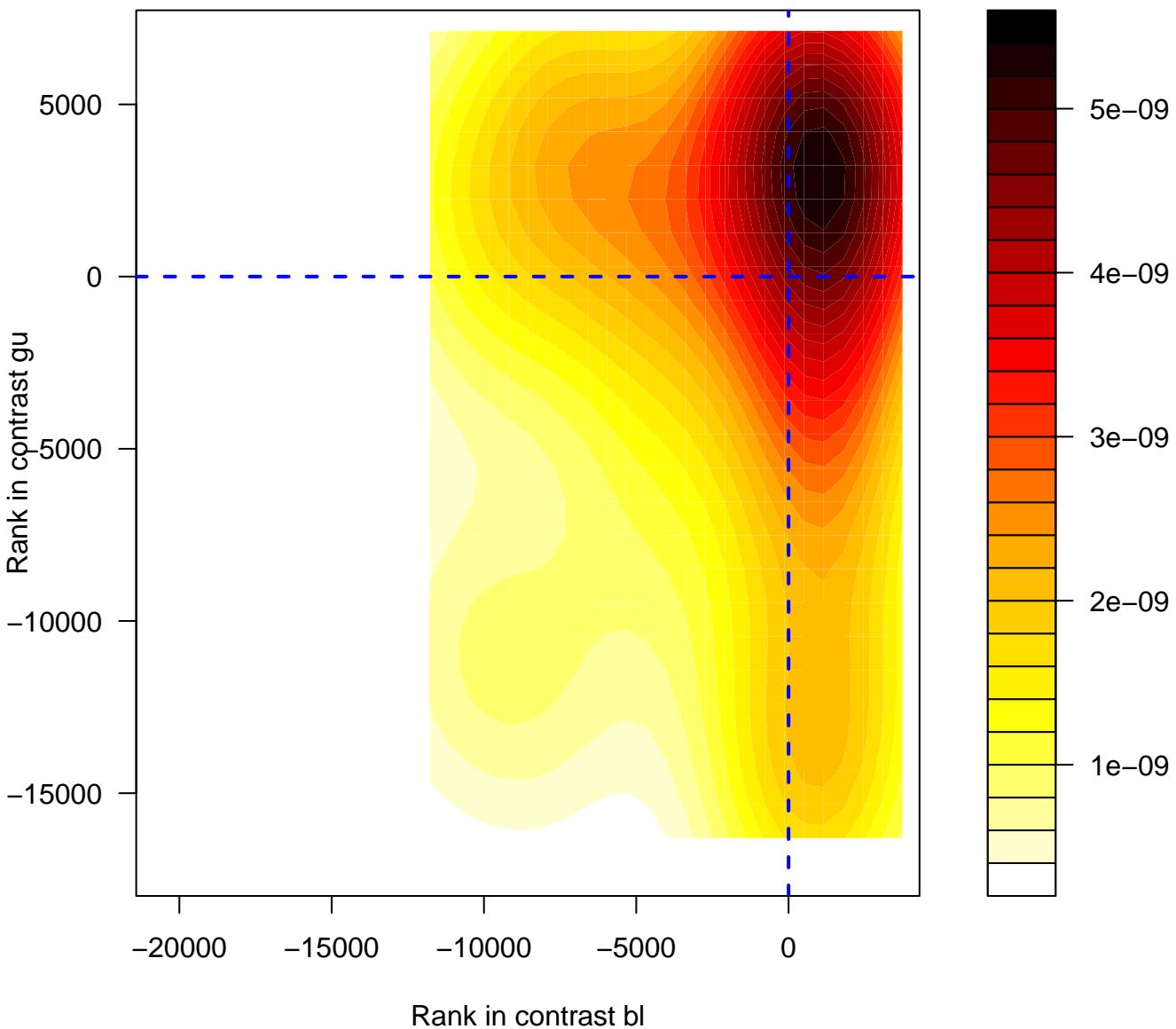


Glucuronidation

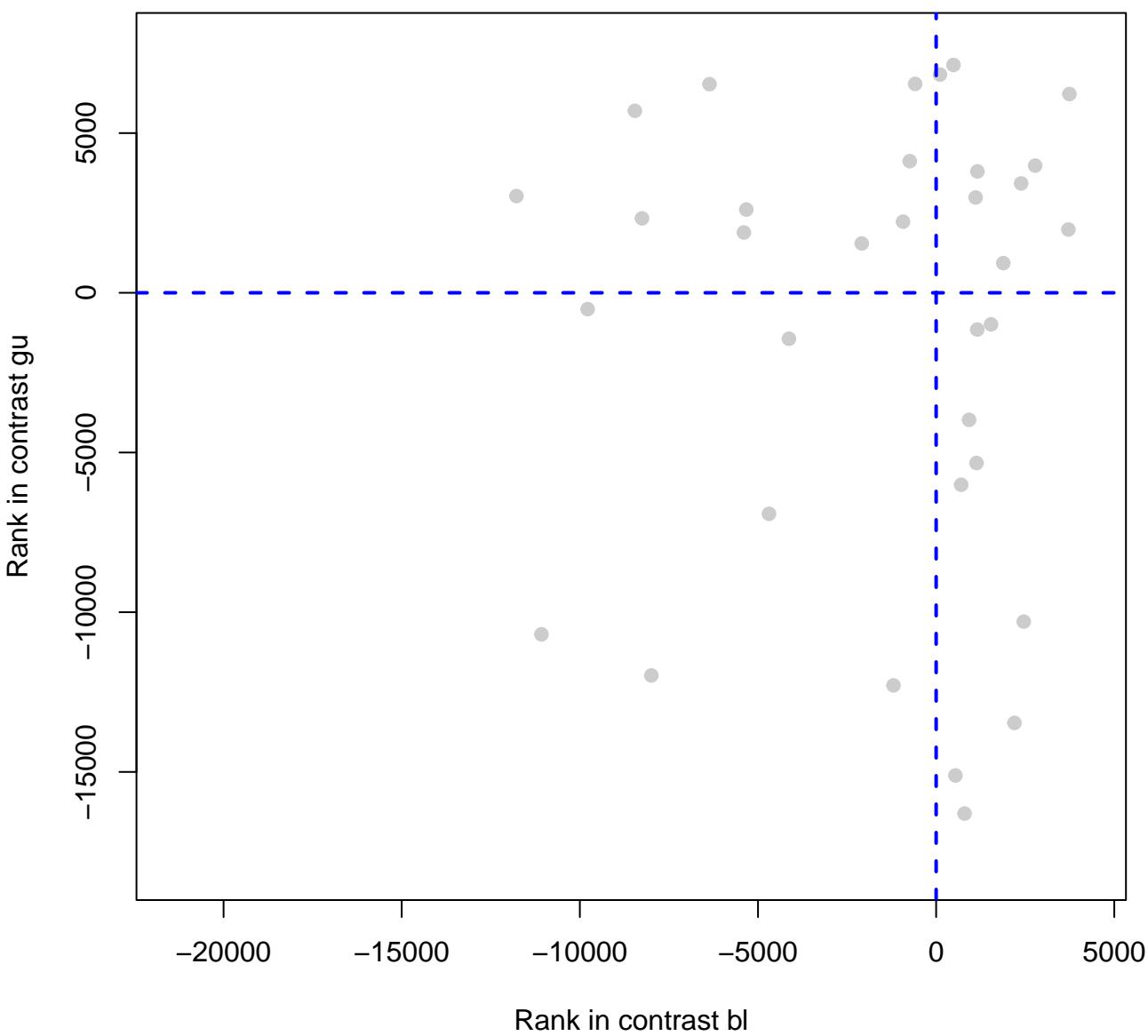
Position in rank



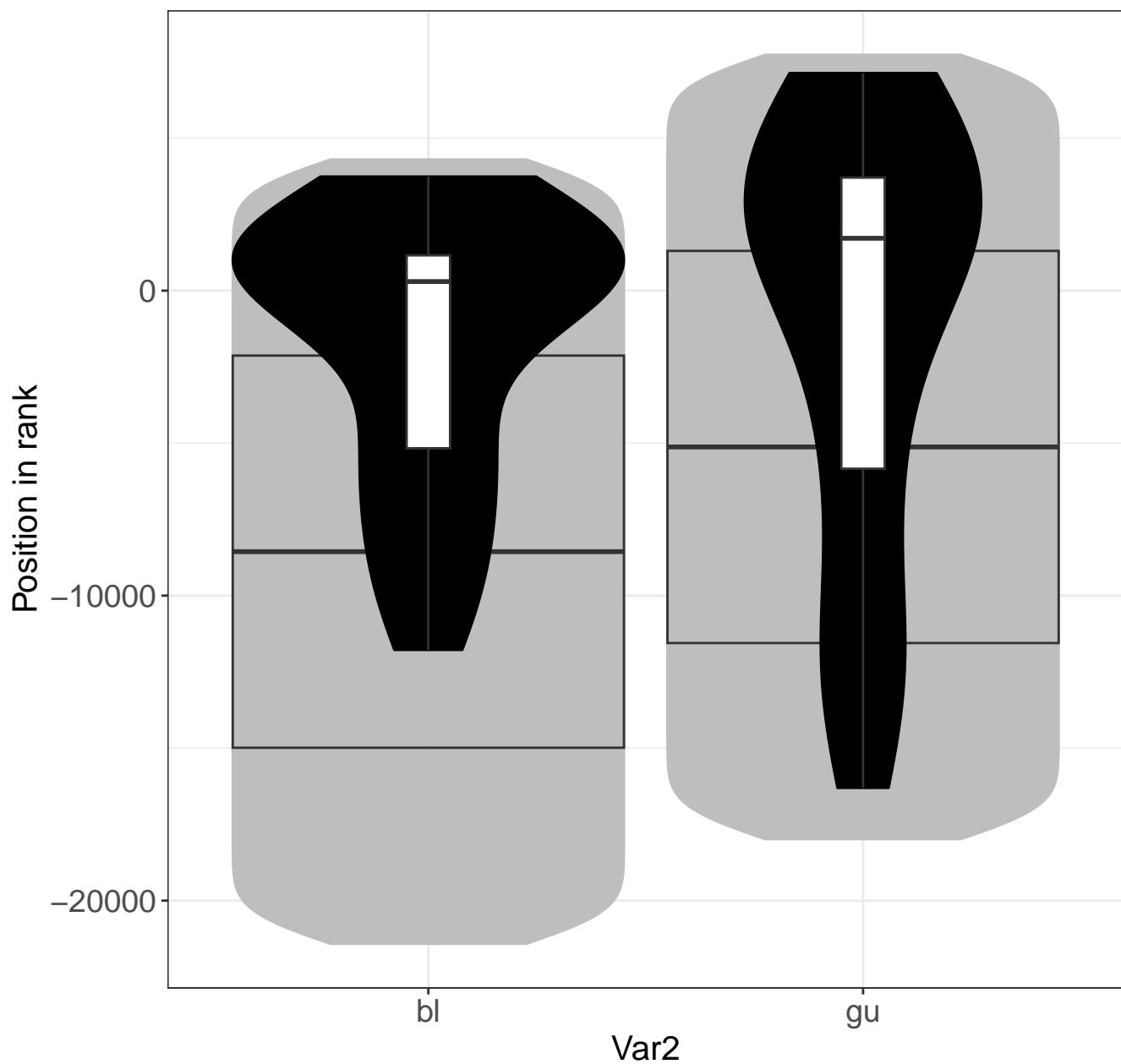
SARS-CoV-1 modulates host translation machinery



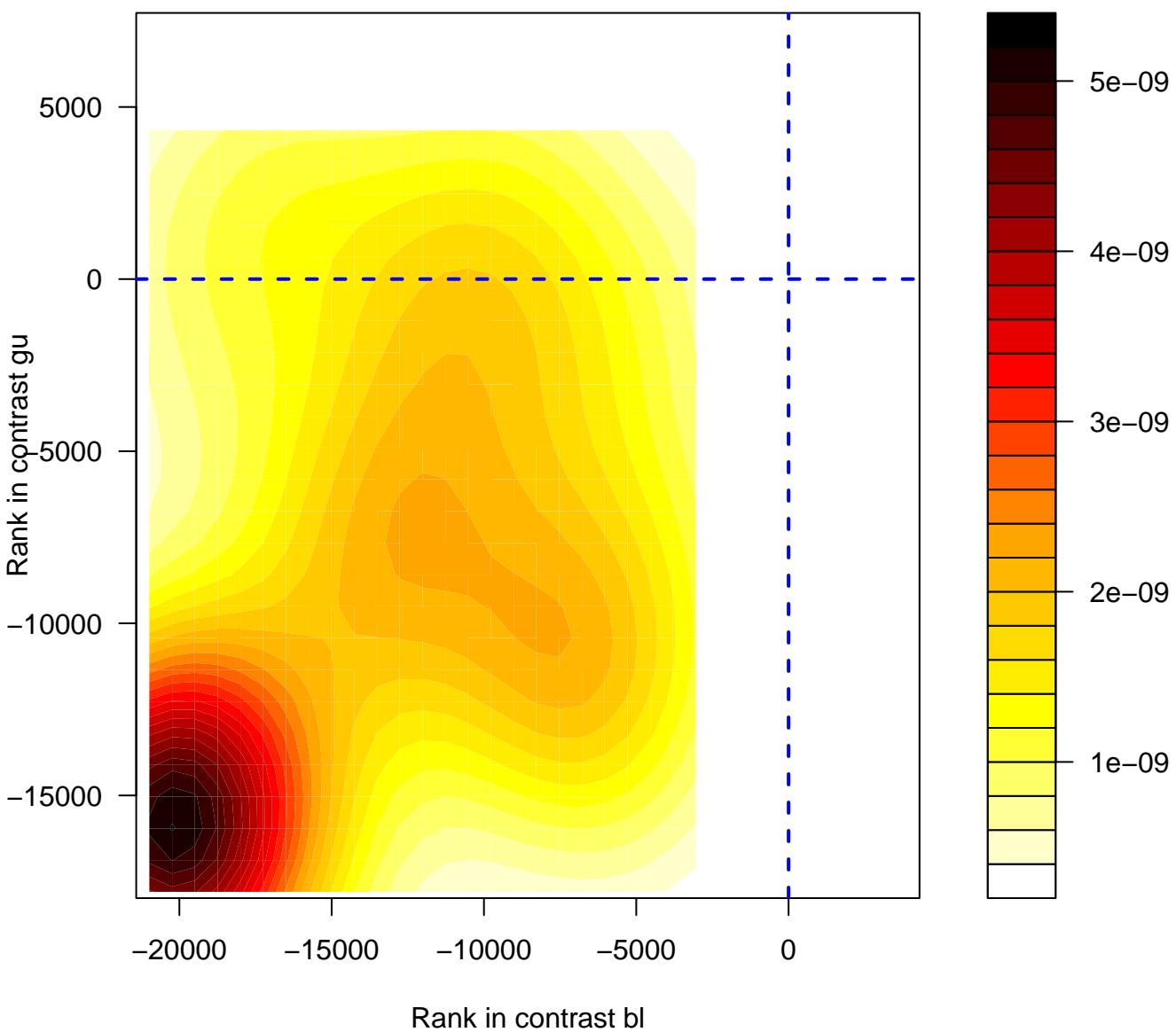
SARS-CoV-1 modulates host translation machinery



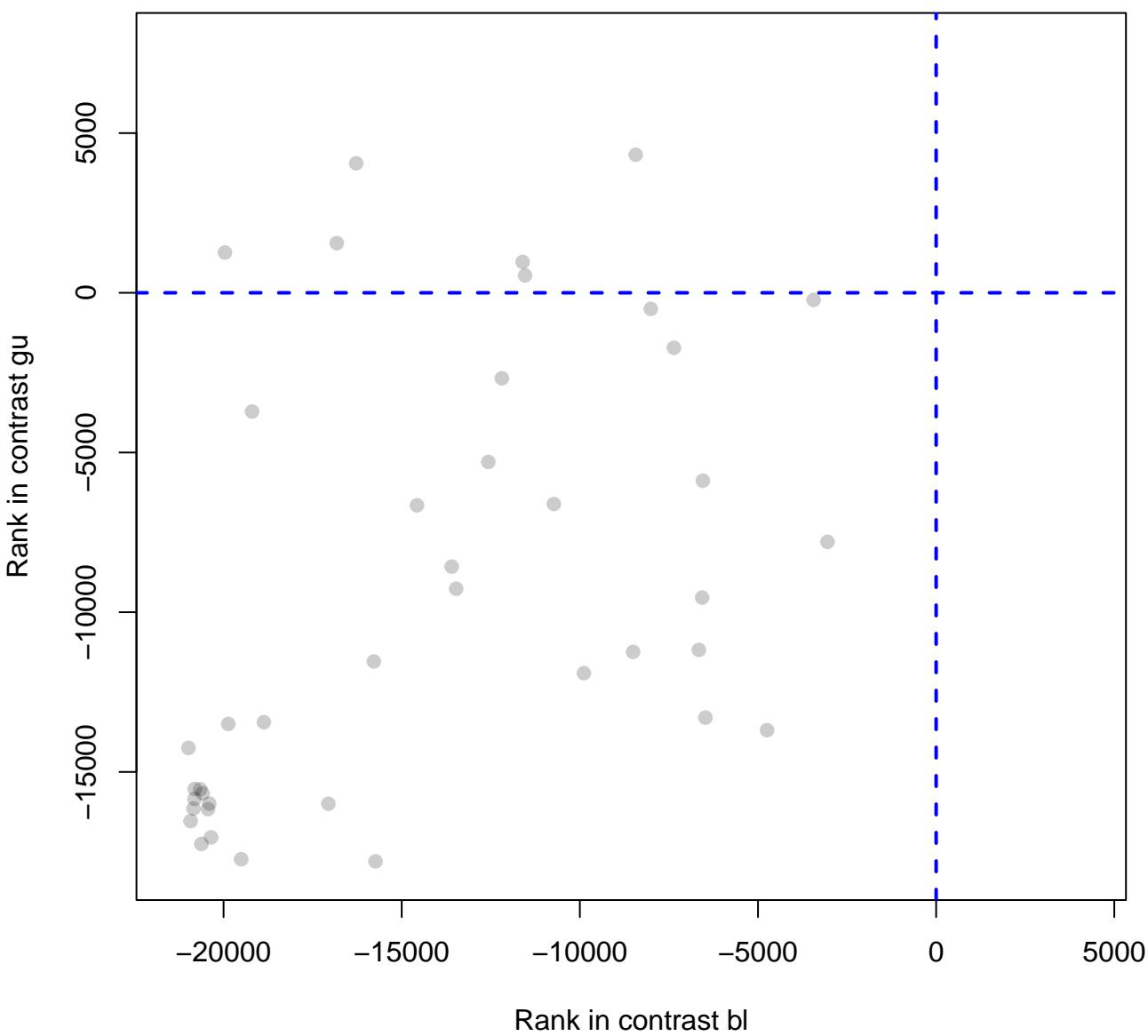
SARS-CoV-1 modulates host translation machine



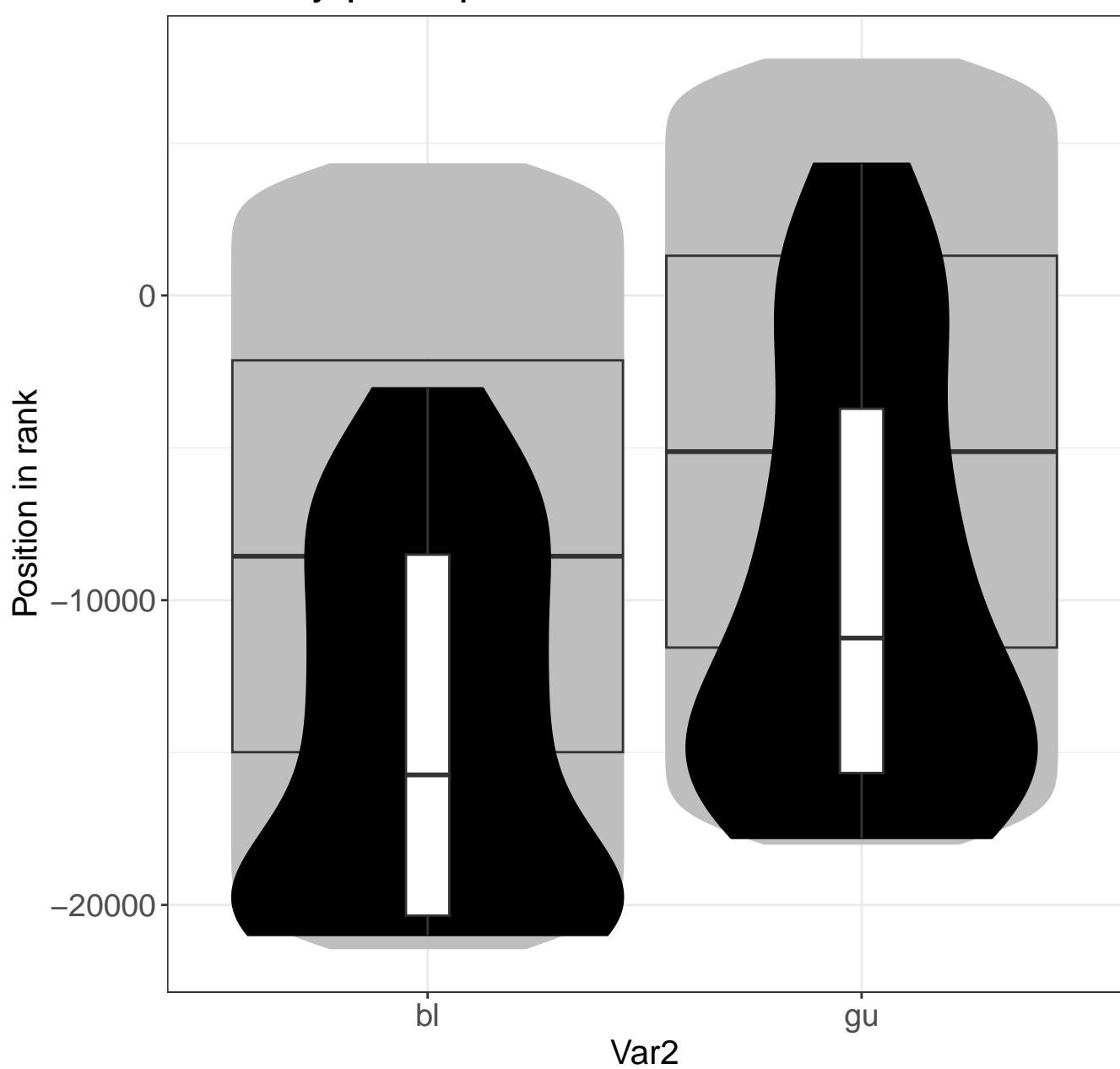
Sensory perception of sweet, bitter, and umami (glutamate)



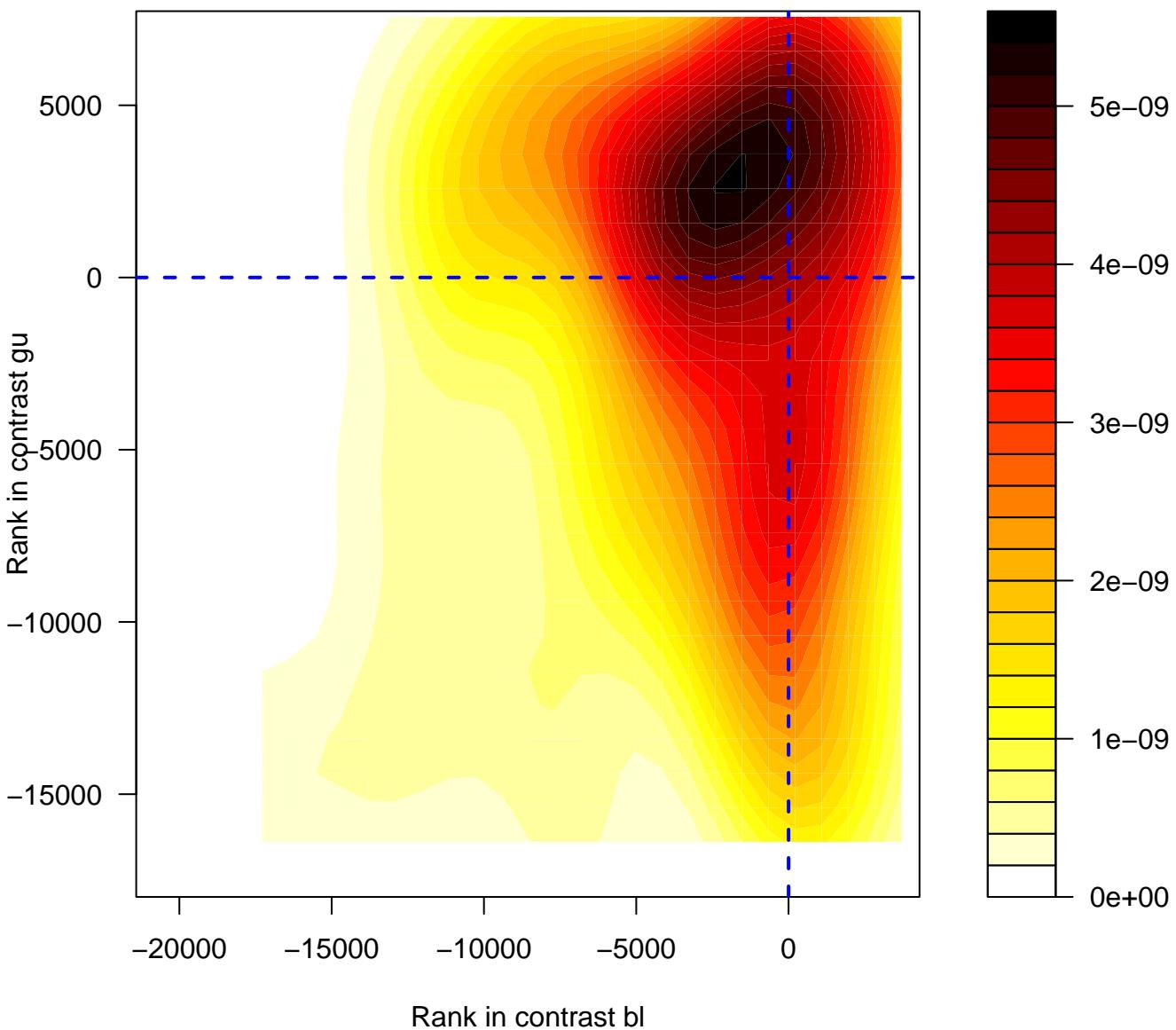
Sensory perception of sweet, bitter, and umami (glutamate) taste



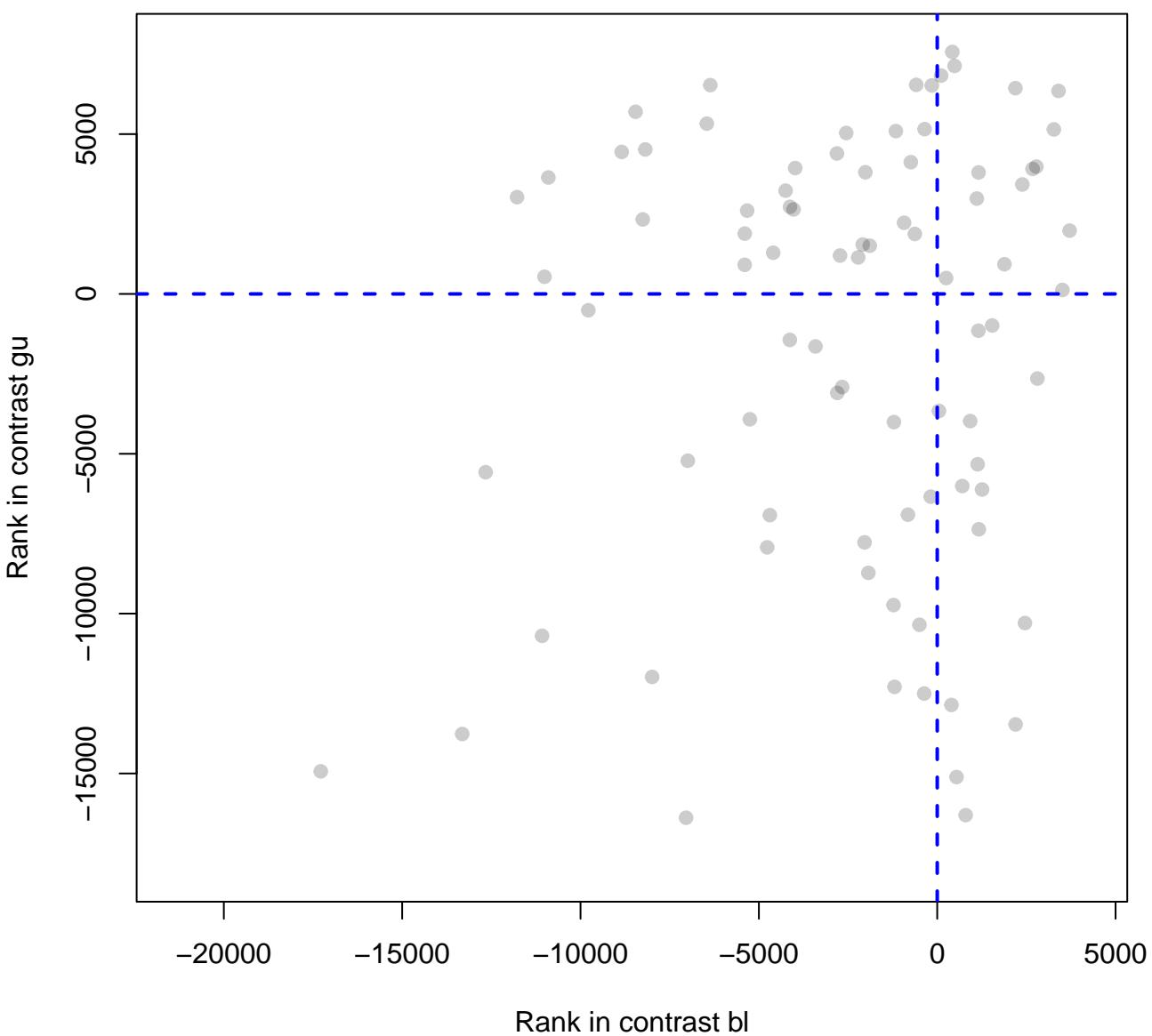
Sensory perception of sweet, bitter, and umami (



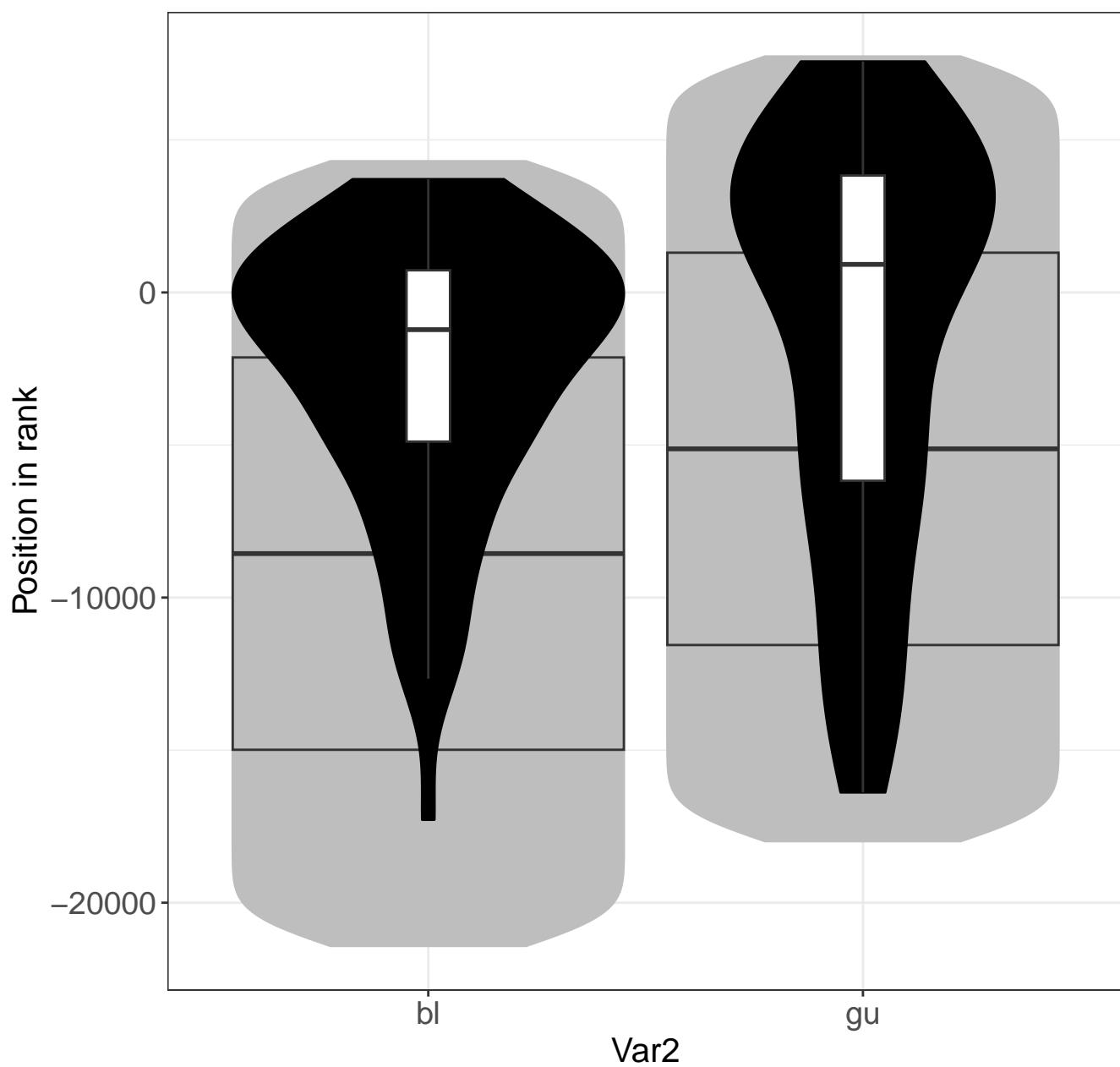
Peptide chain elongation



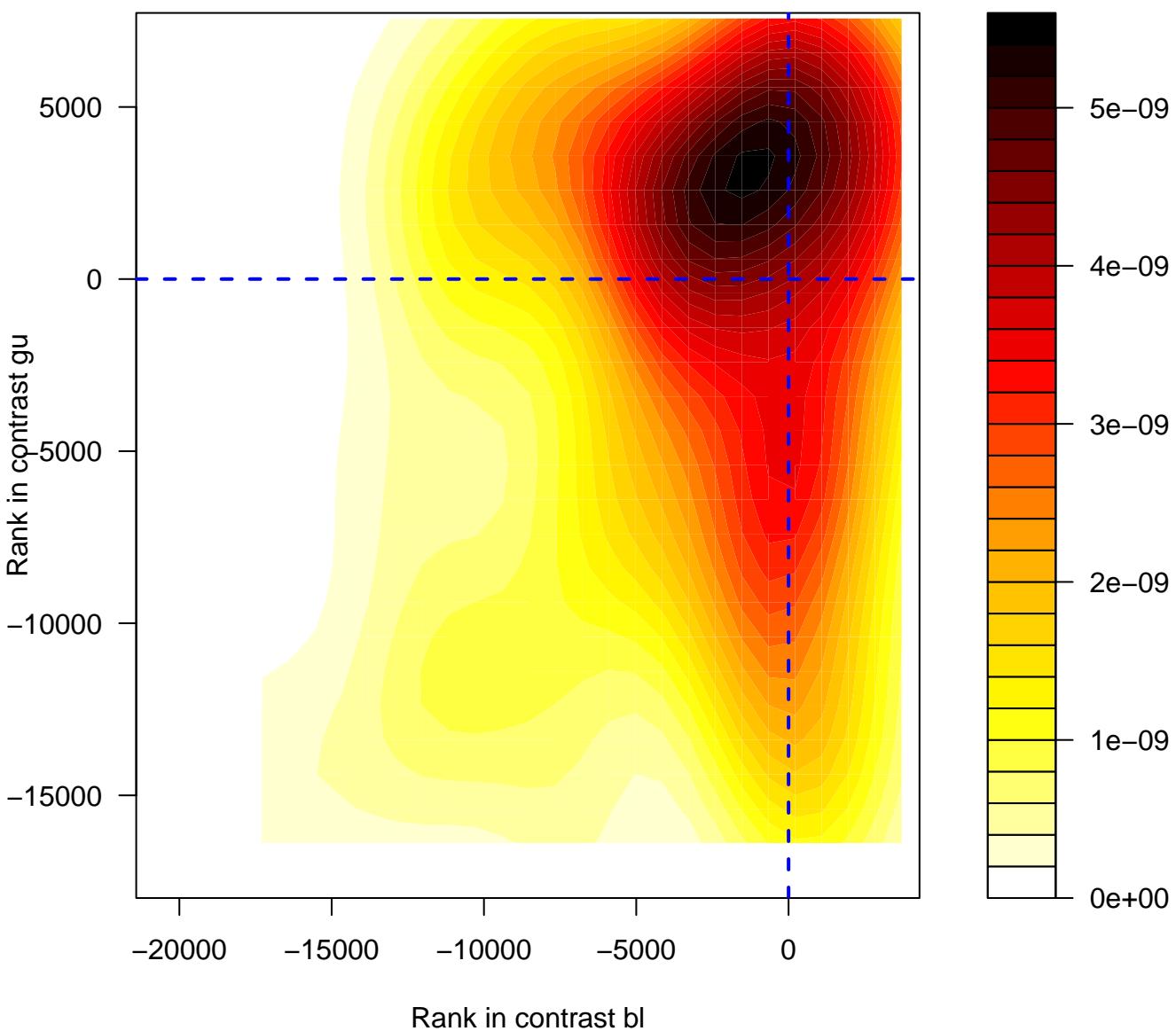
Peptide chain elongation



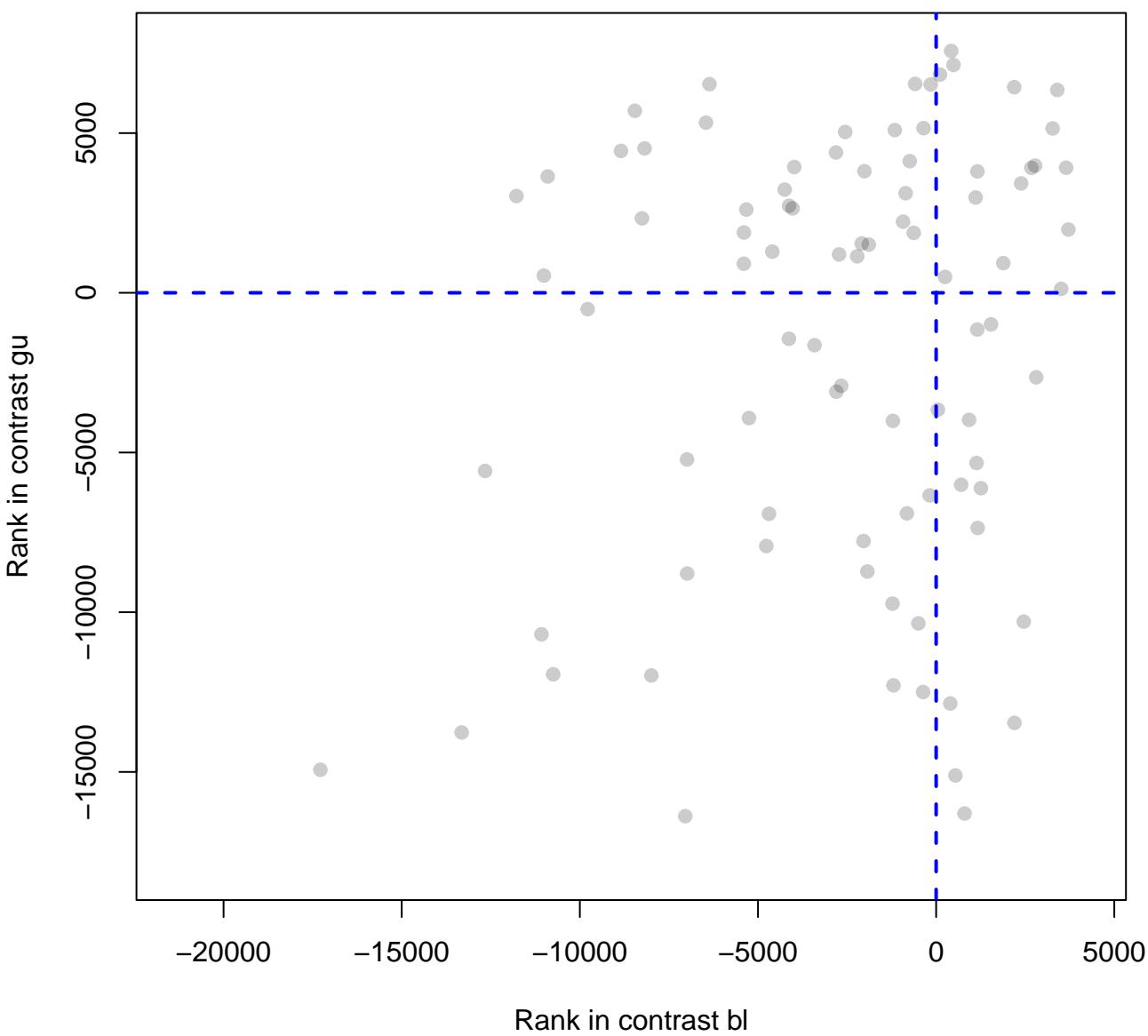
Peptide chain elongation



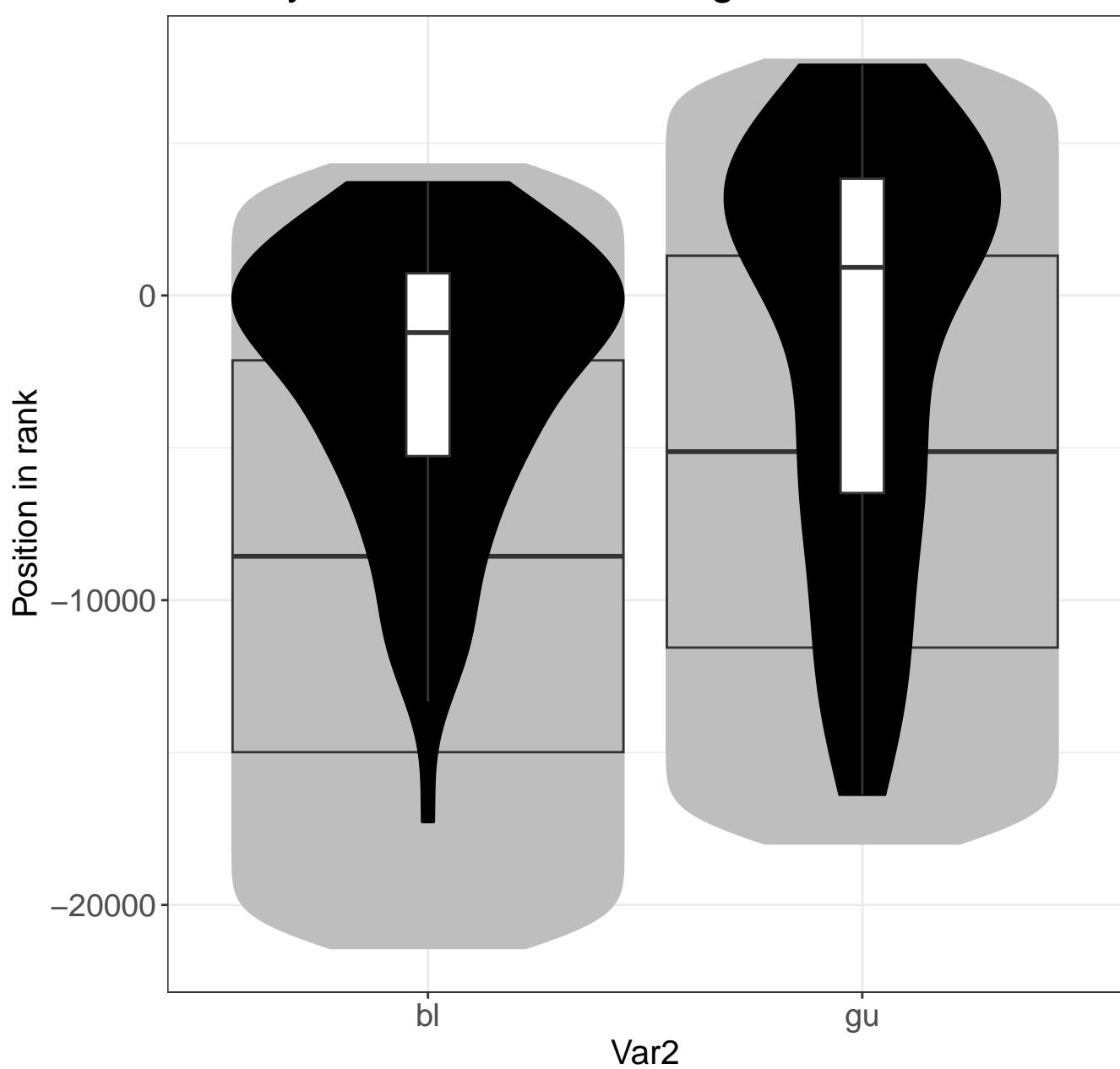
Eukaryotic Translation Elongation



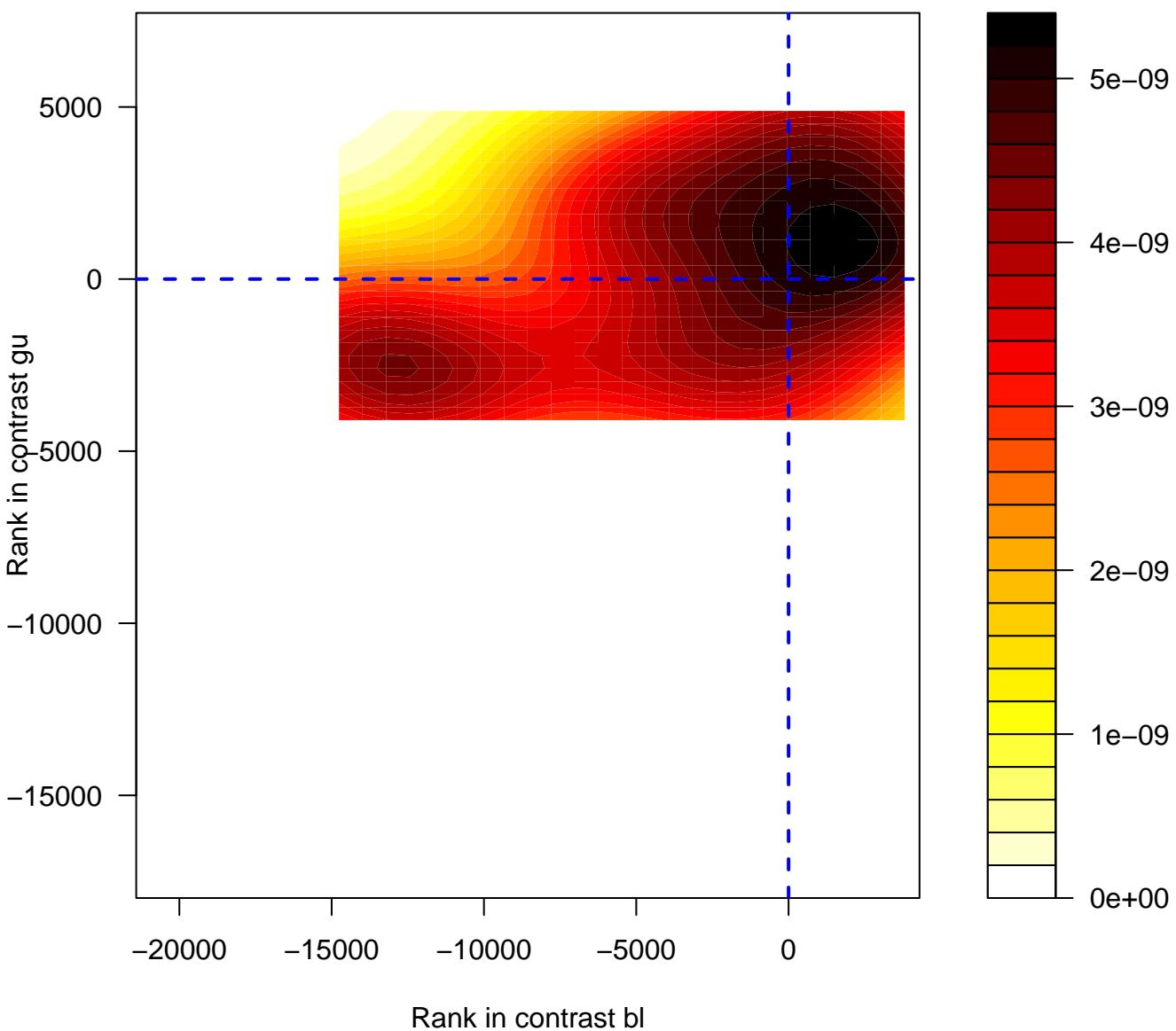
Eukaryotic Translation Elongation



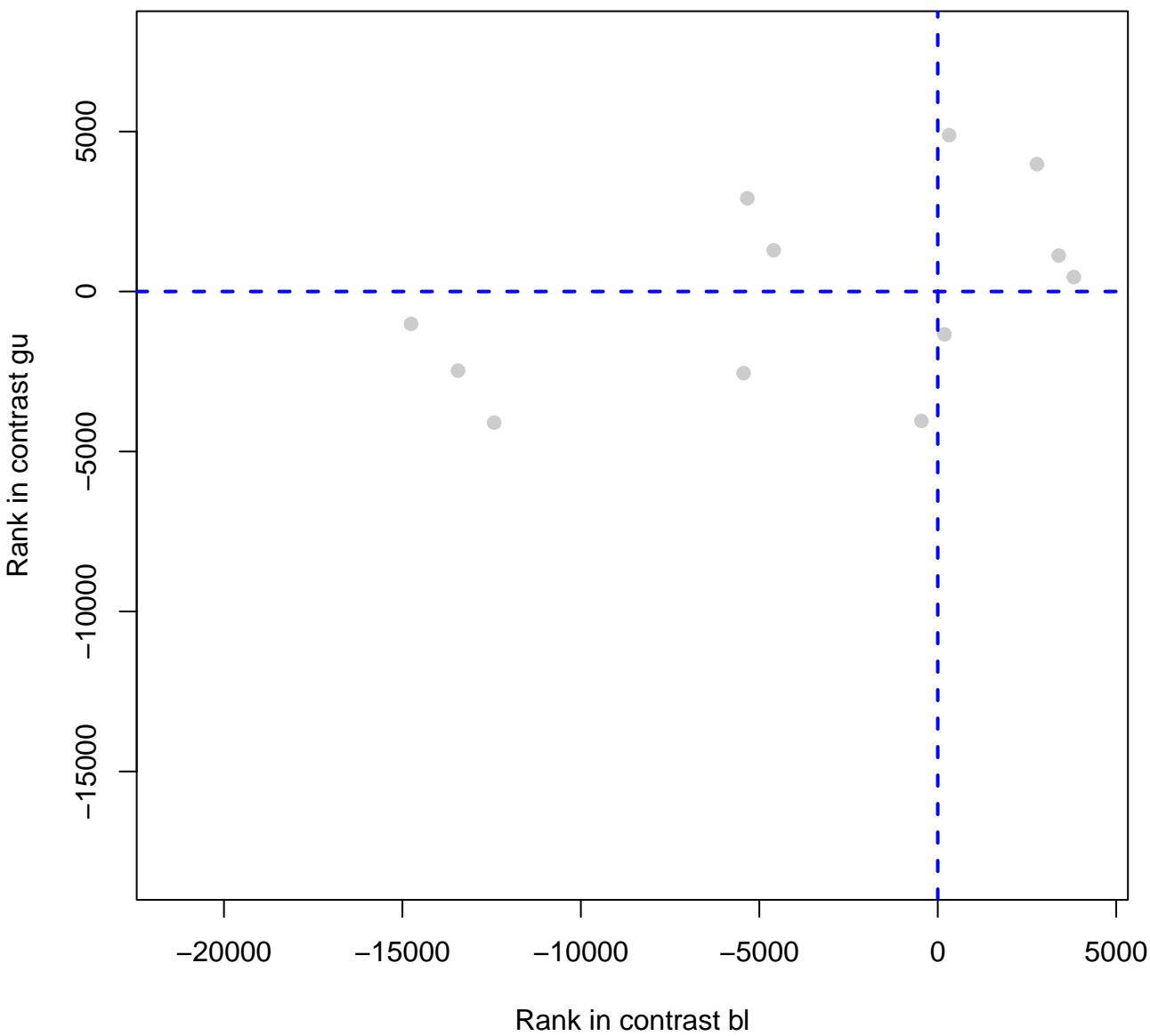
Eukaryotic Translation Elongation



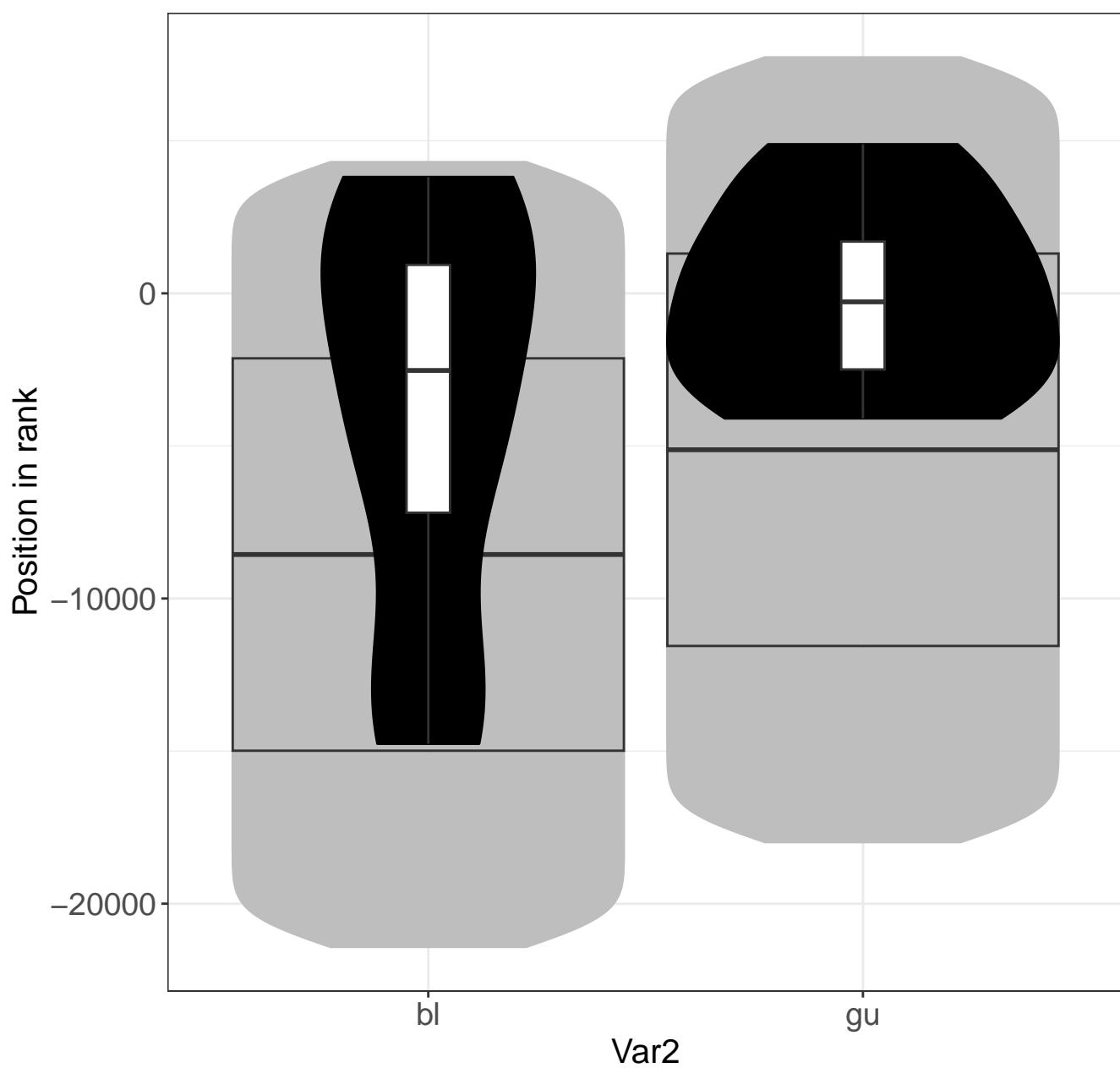
TICAM1-dependent activation of IRF3/IRF7



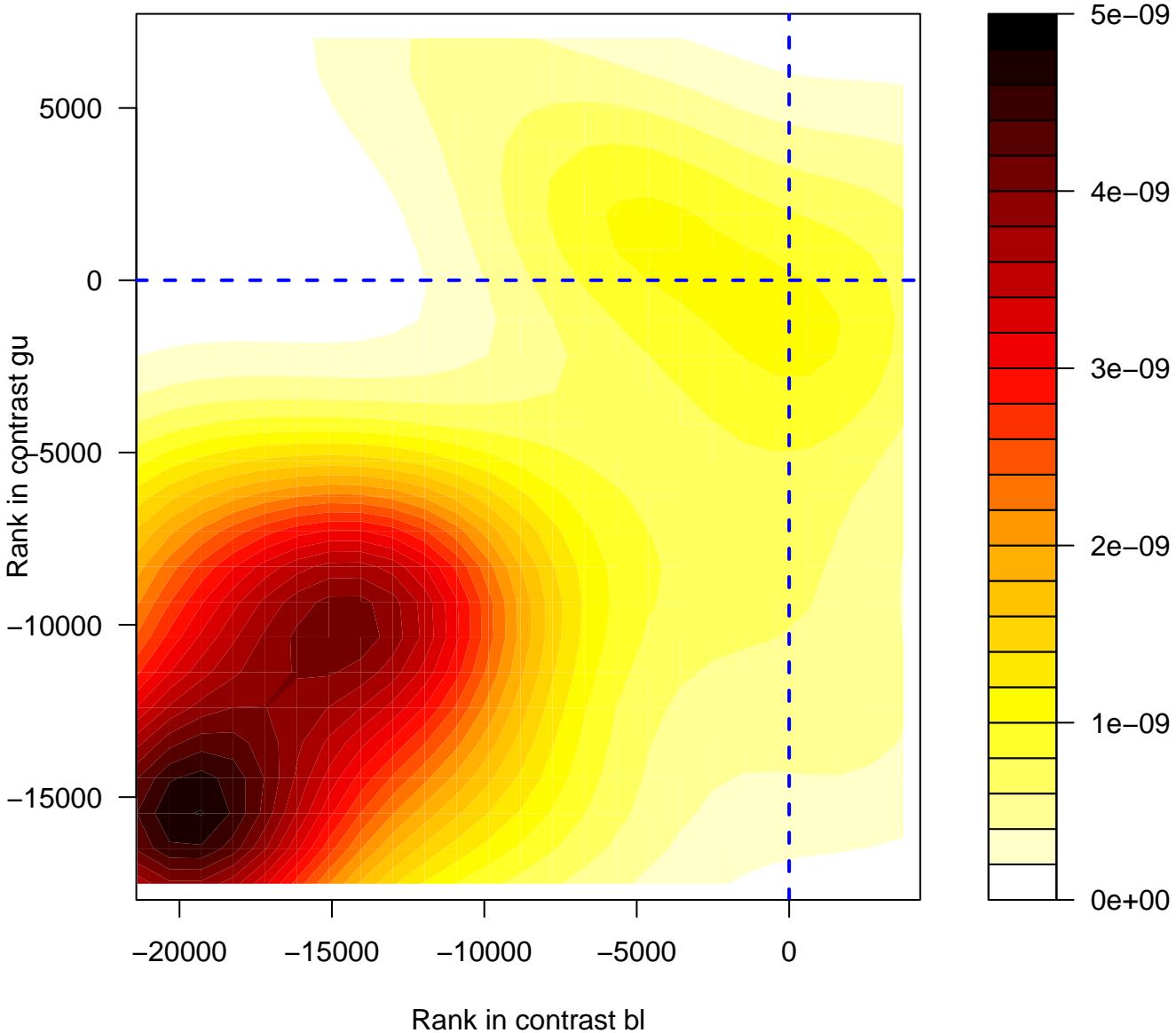
TICAM1-dependent activation of IRF3/IRF7



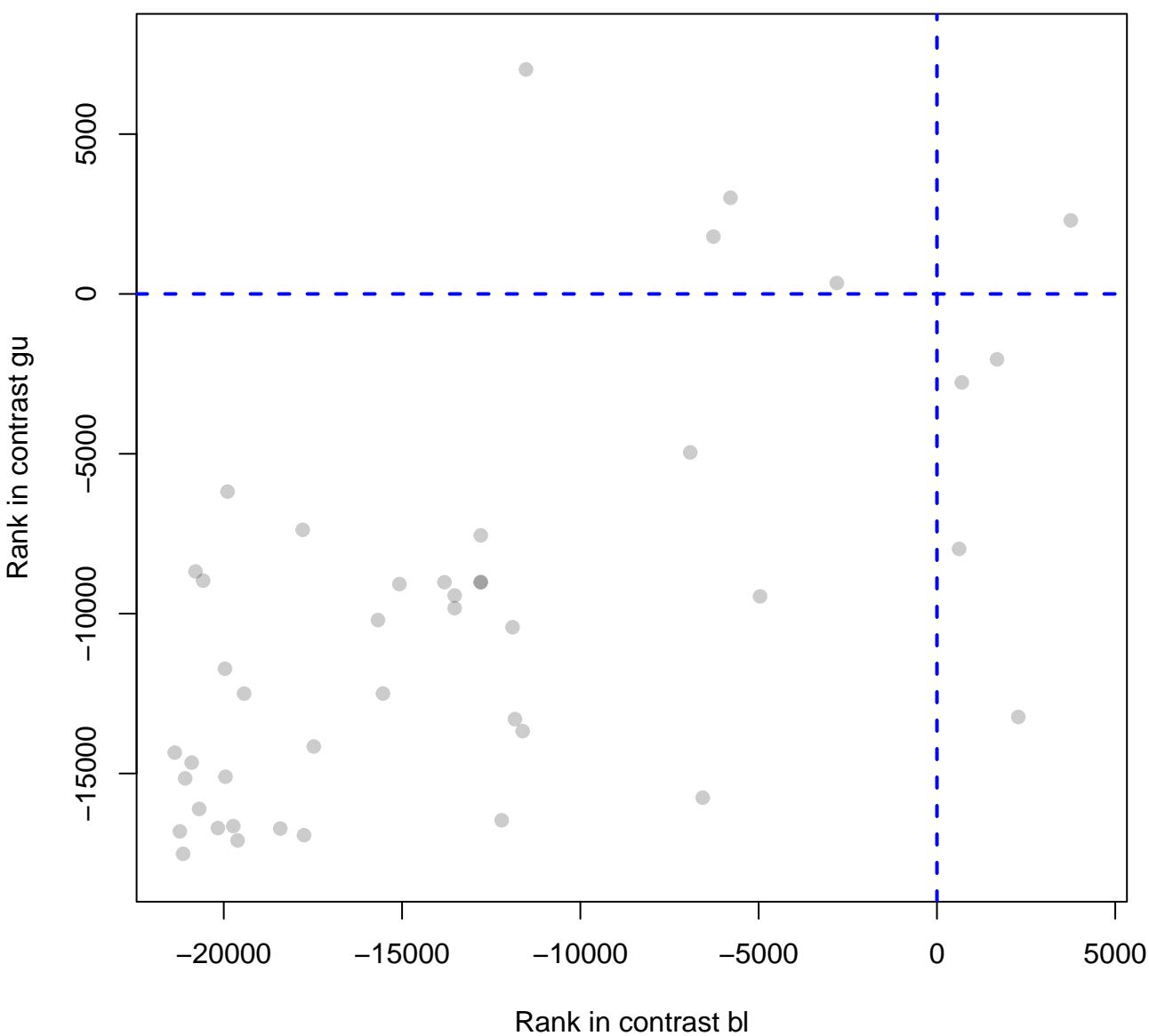
TICAM1-dependent activation of IRF3/IRF7



Aspirin ADME

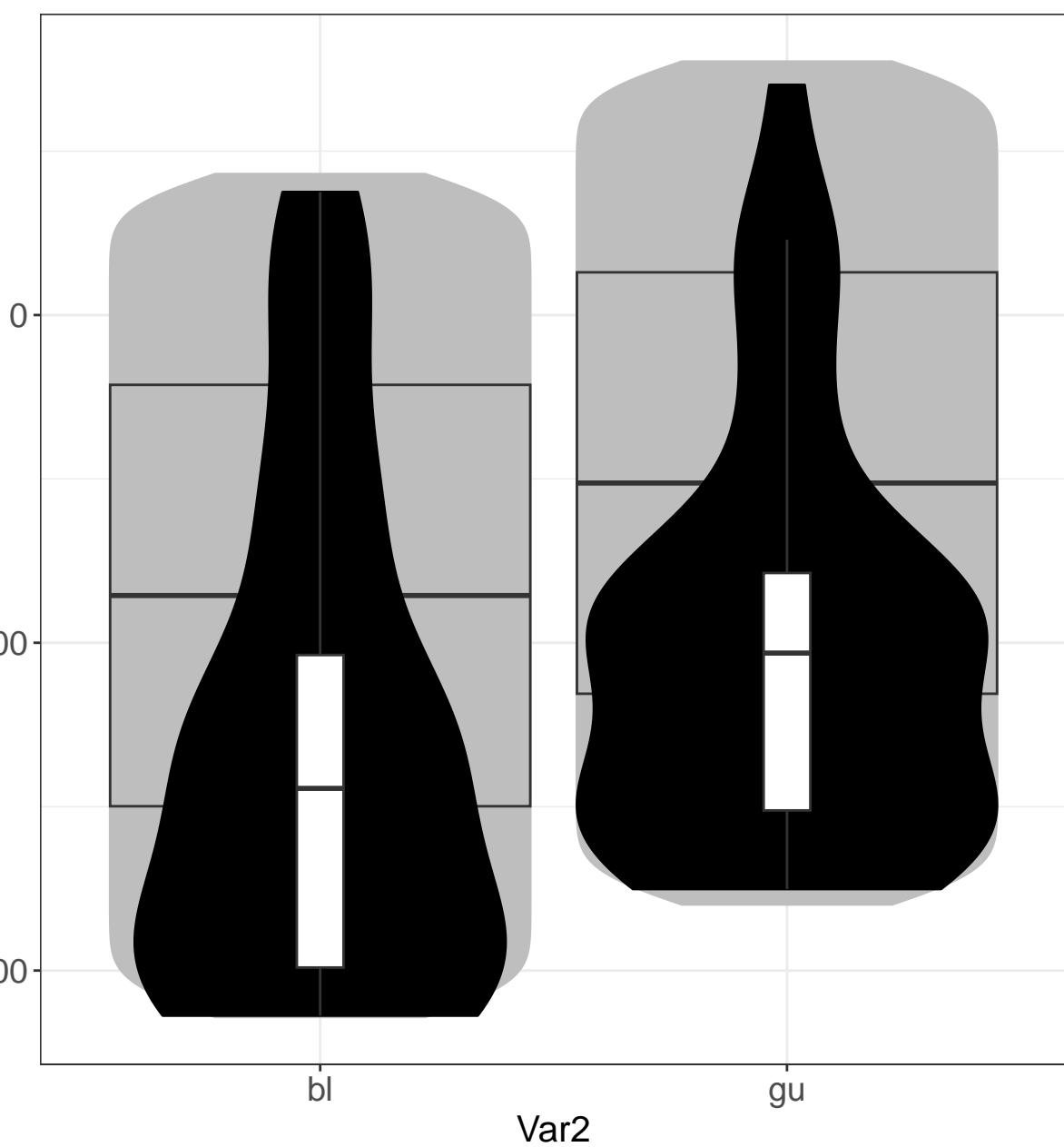


Aspirin ADME

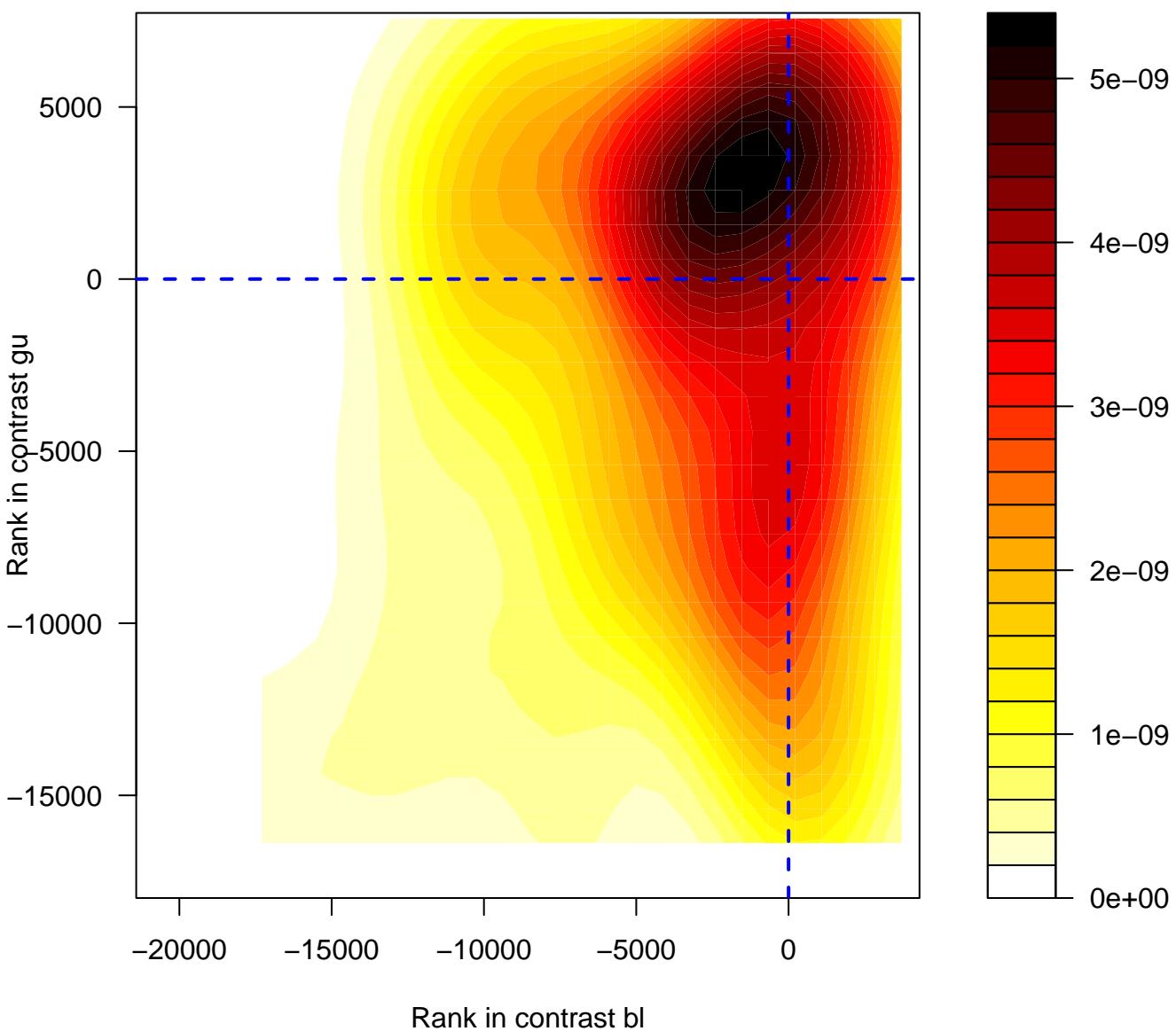


Aspirin ADME

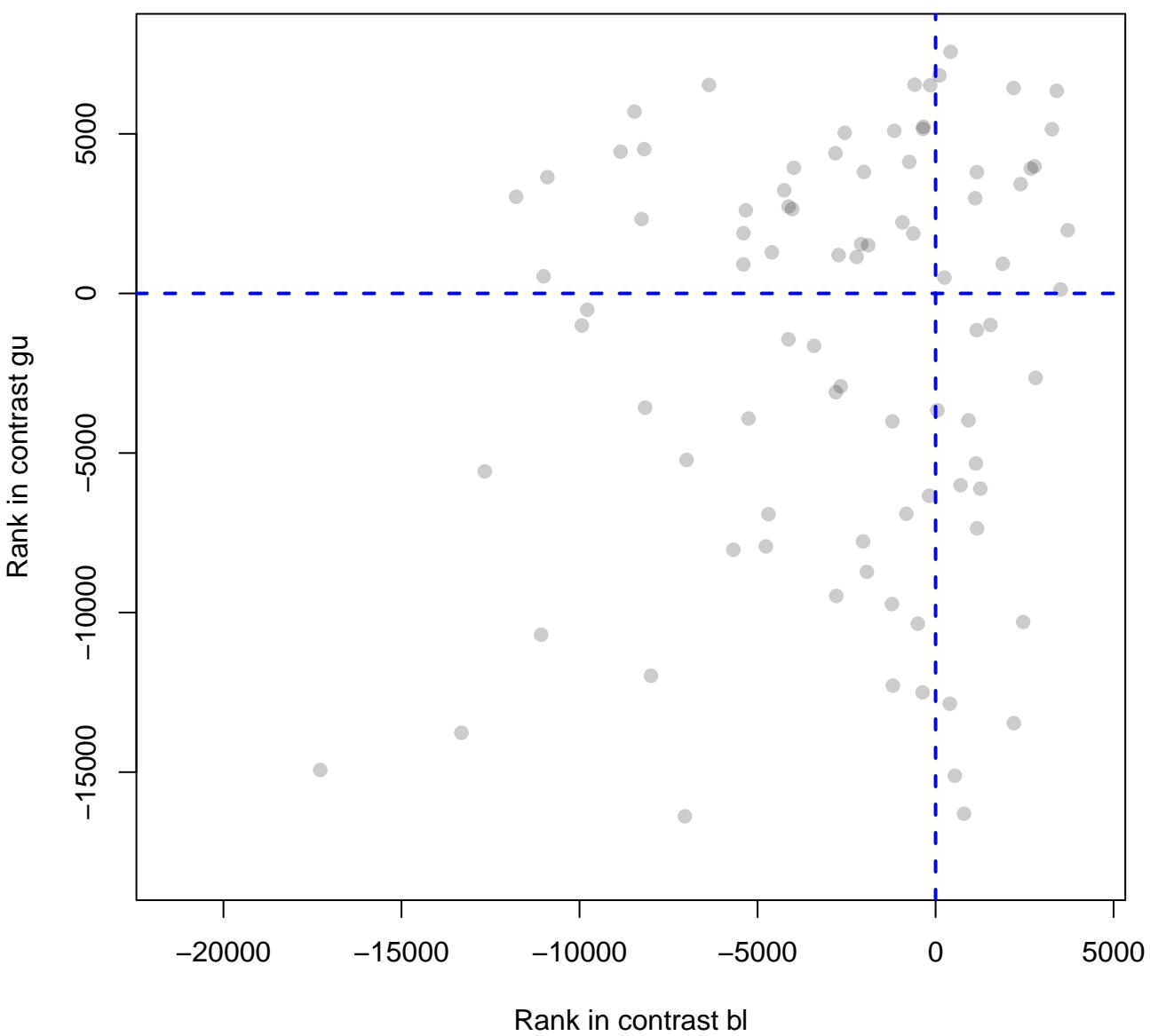
Position in rank



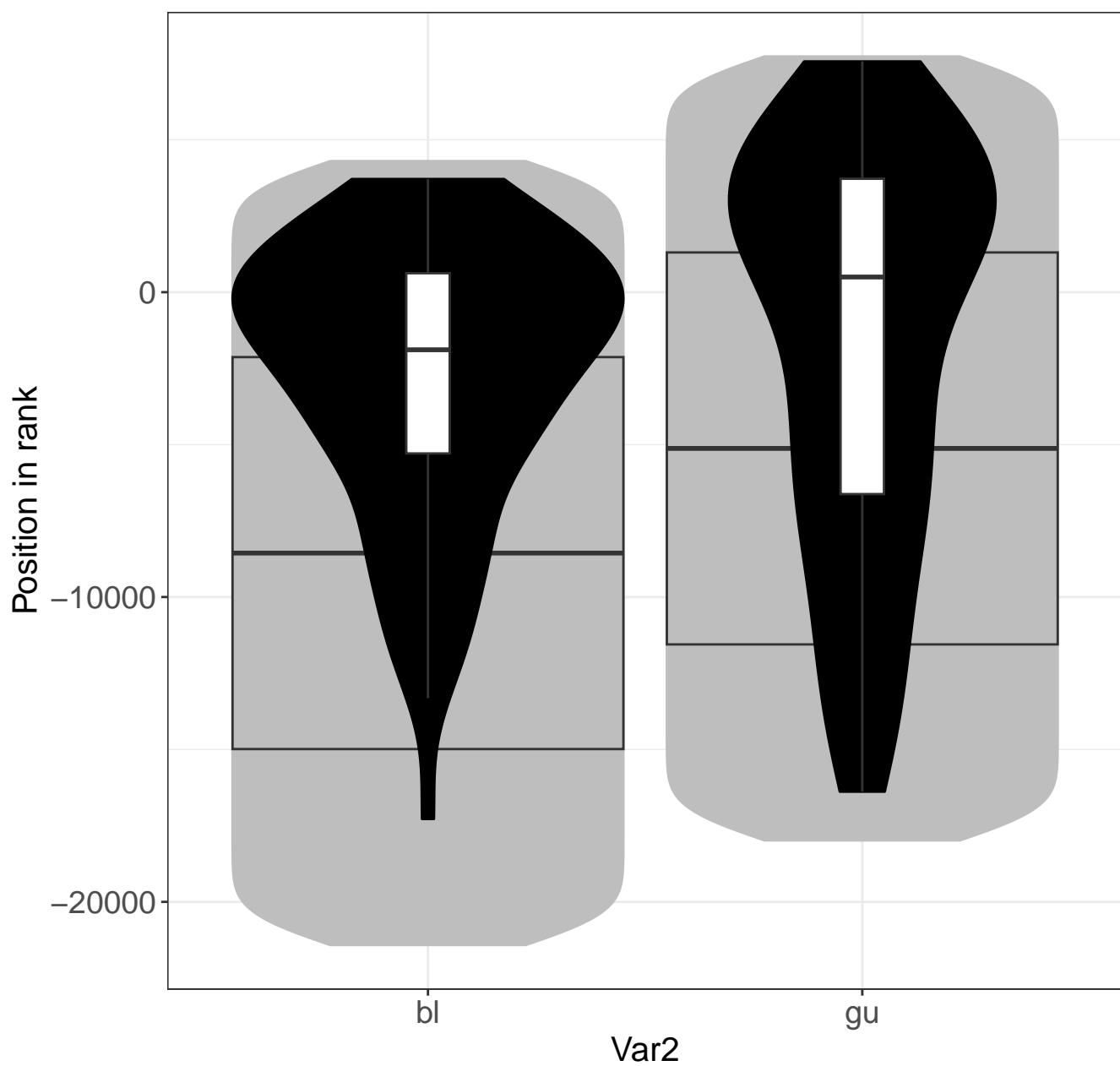
Eukaryotic Translation Termination



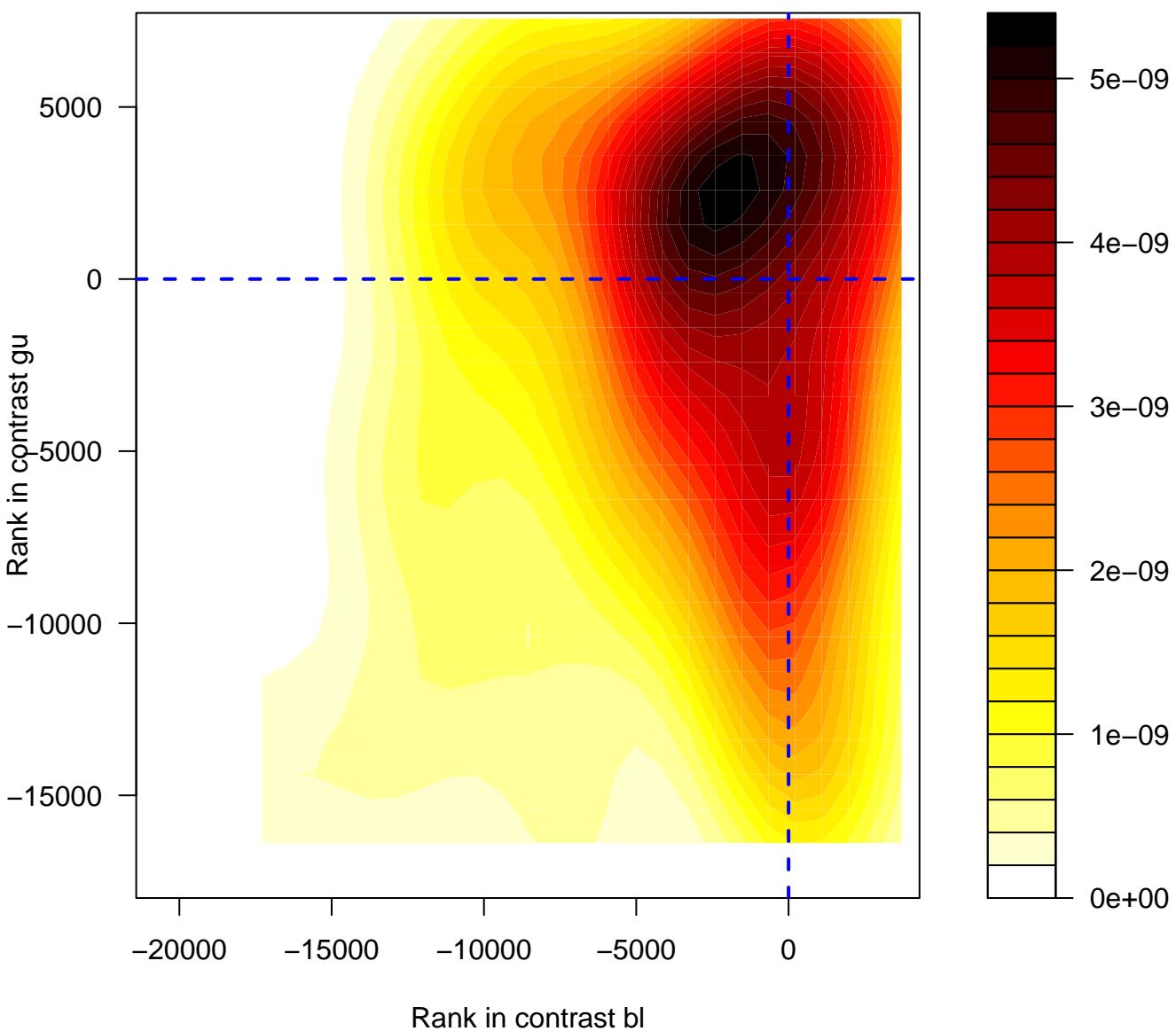
Eukaryotic Translation Termination



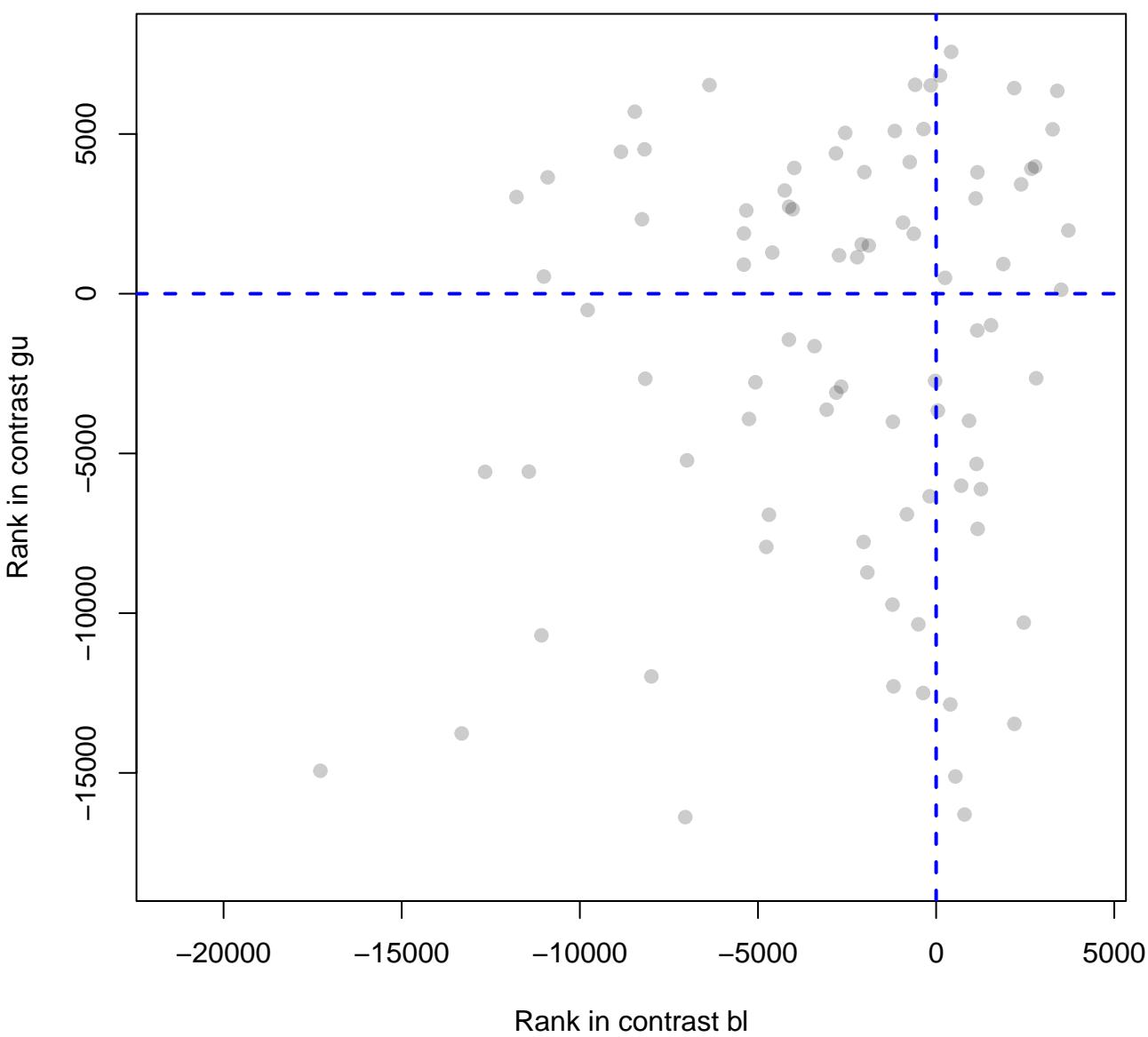
Eukaryotic Translation Termination



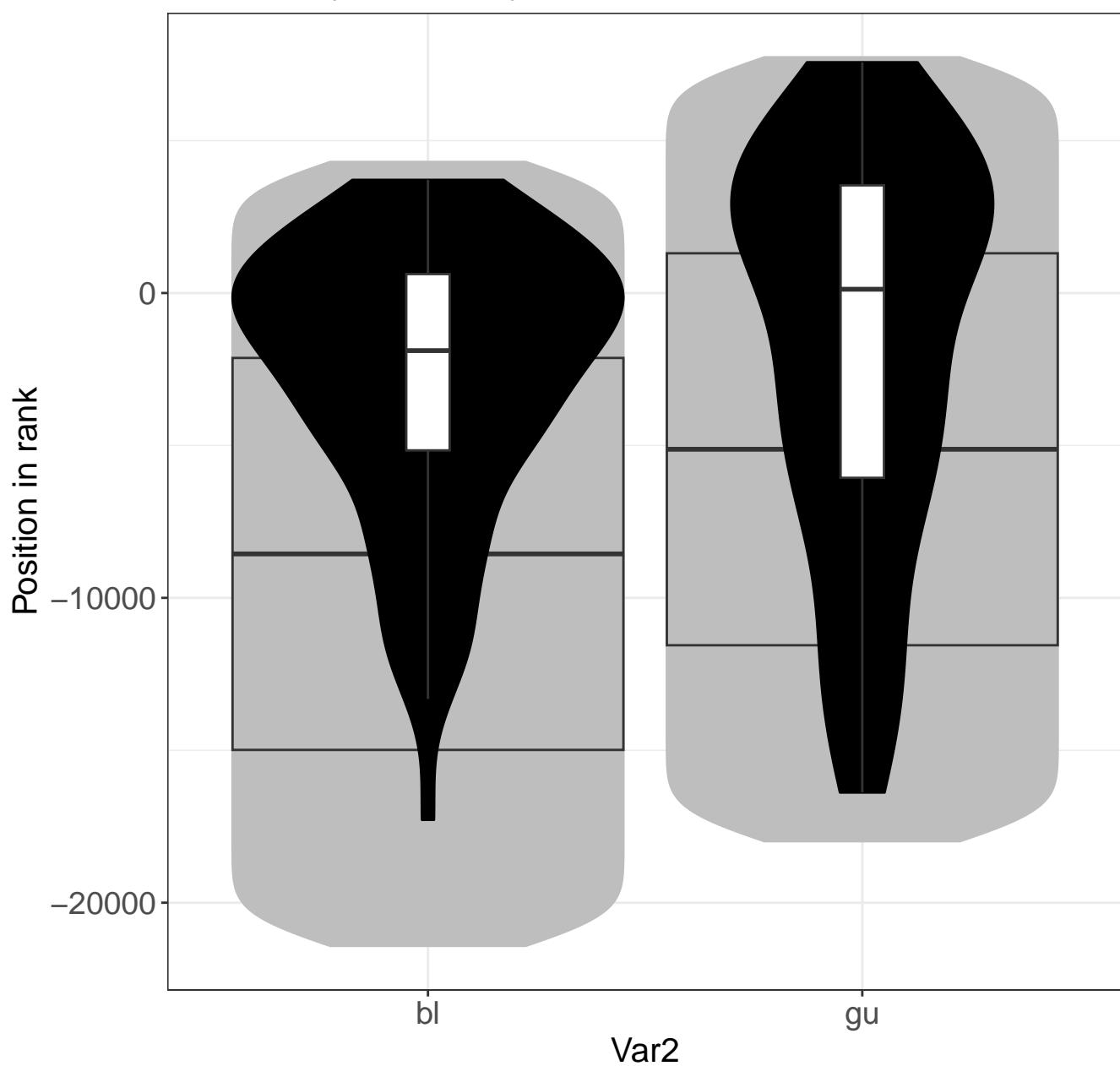
Selenocysteine synthesis



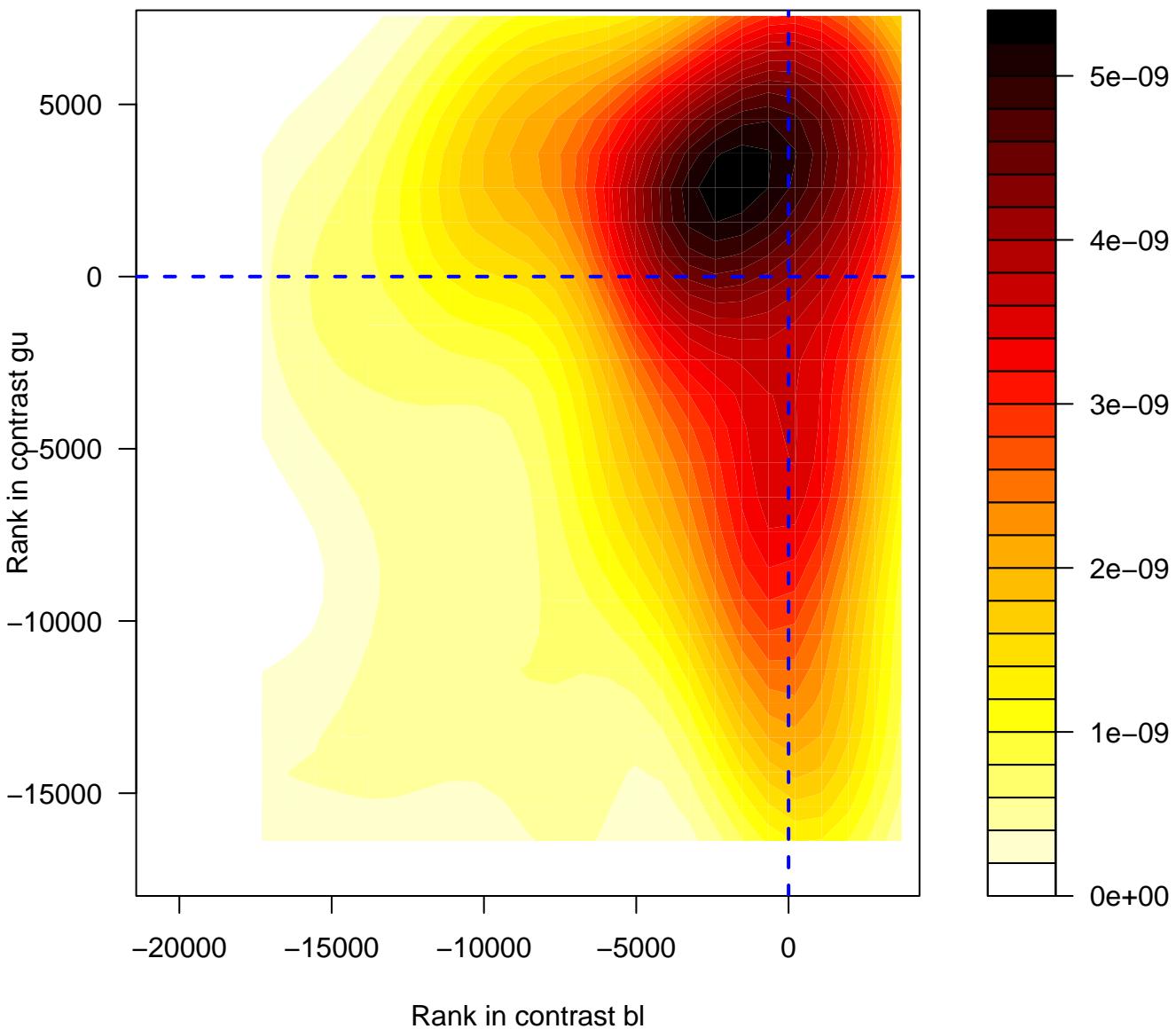
Selenocysteine synthesis



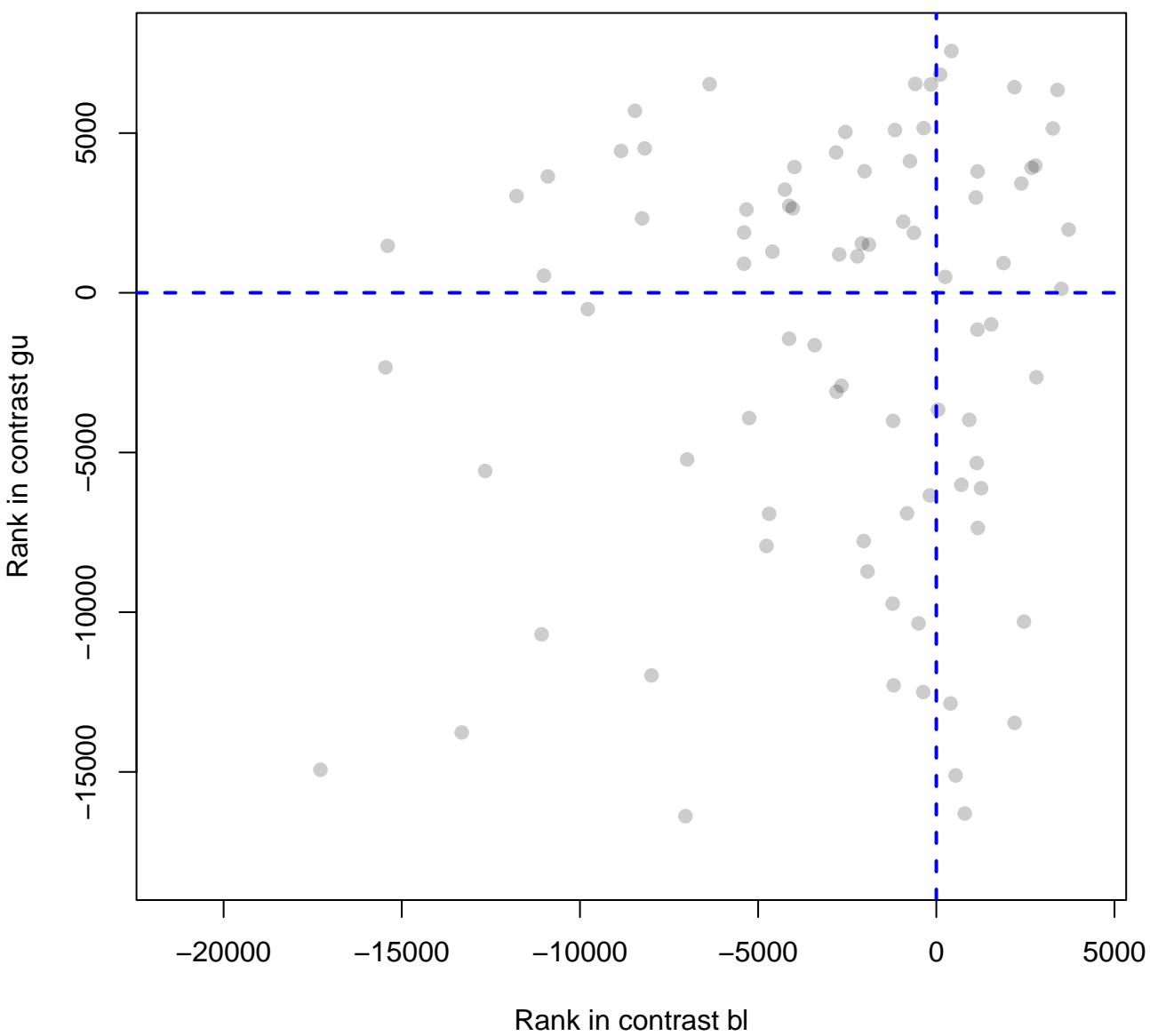
Selenocysteine synthesis



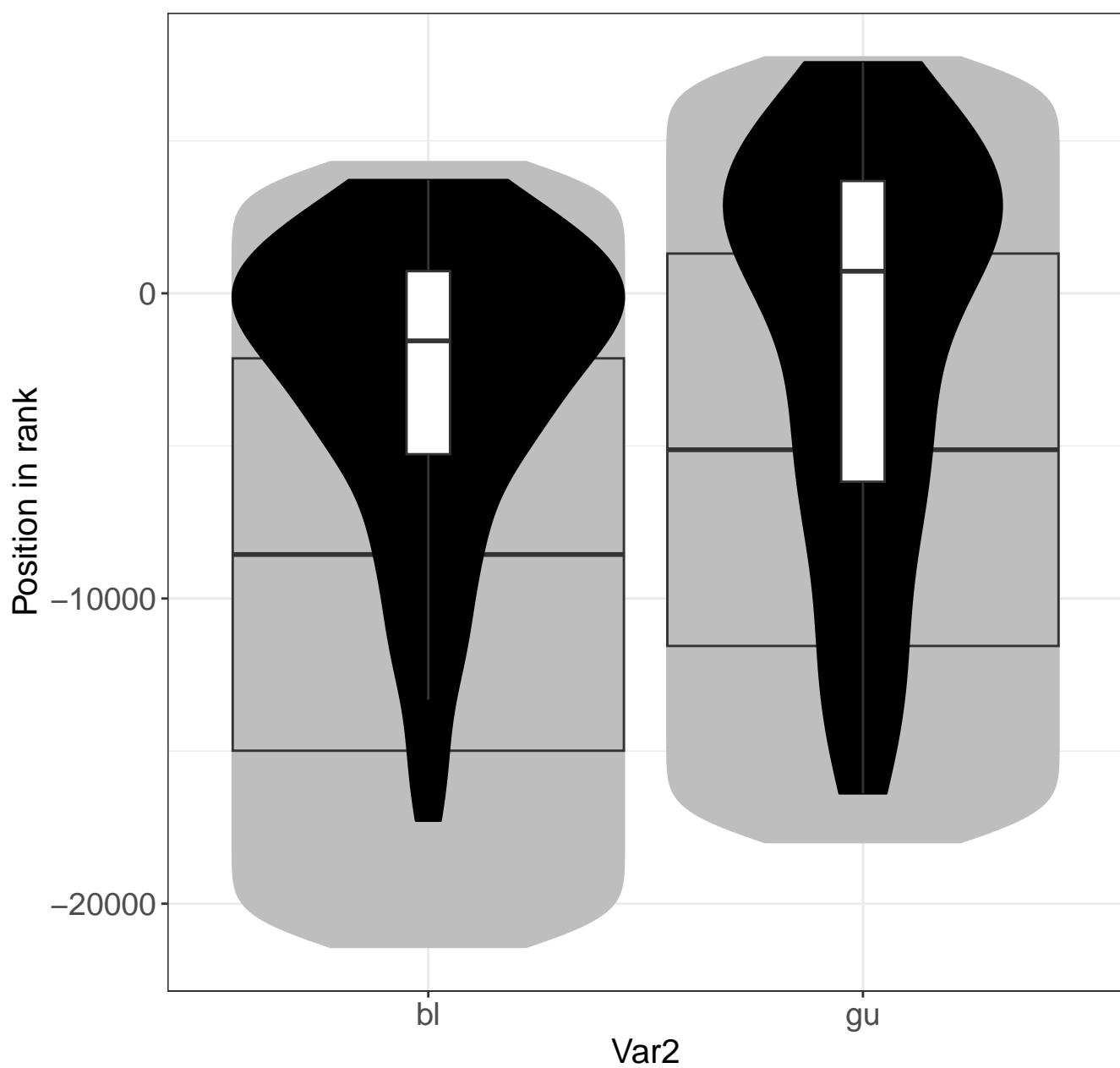
Viral mRNA Translation



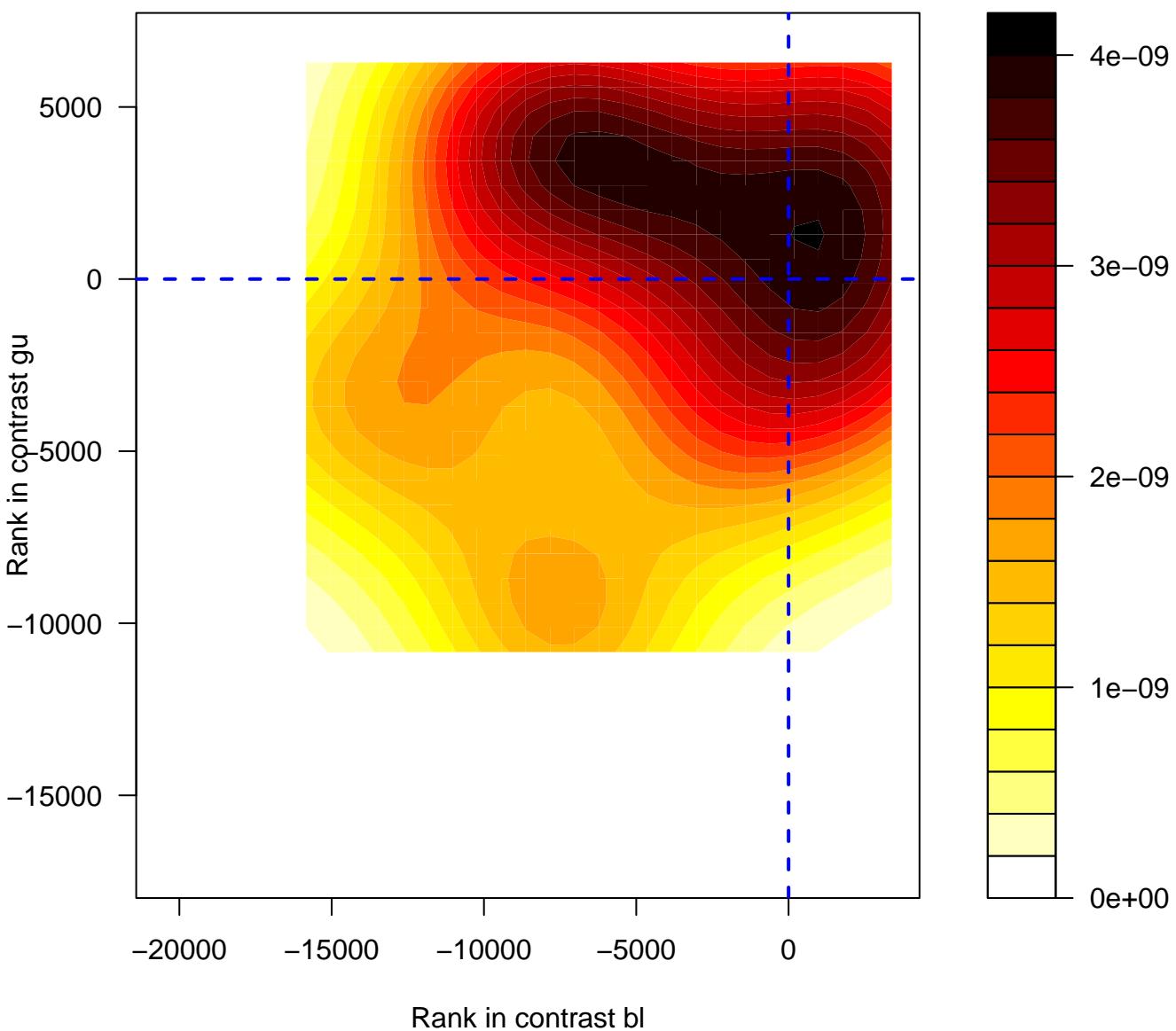
Viral mRNA Translation



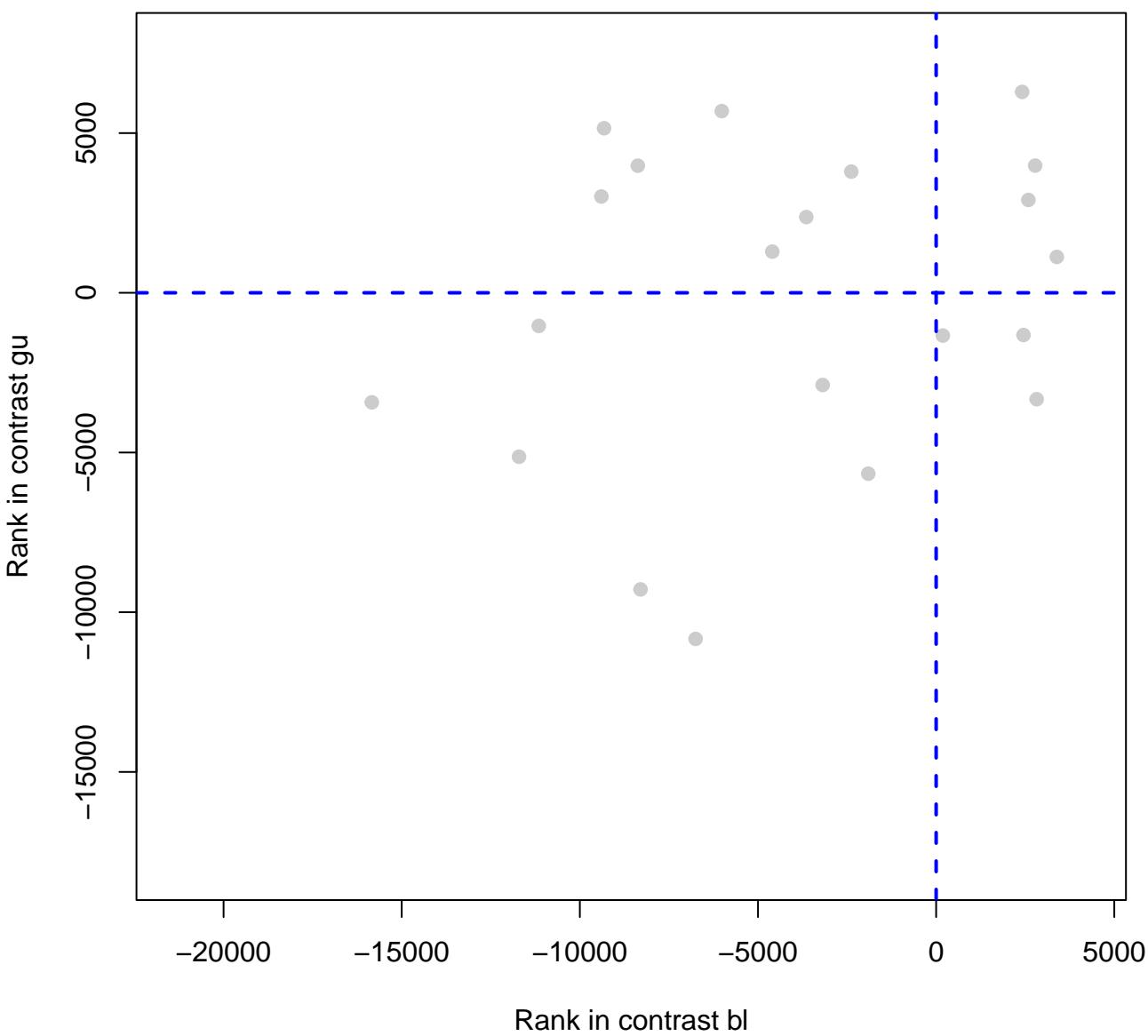
Viral mRNA Translation



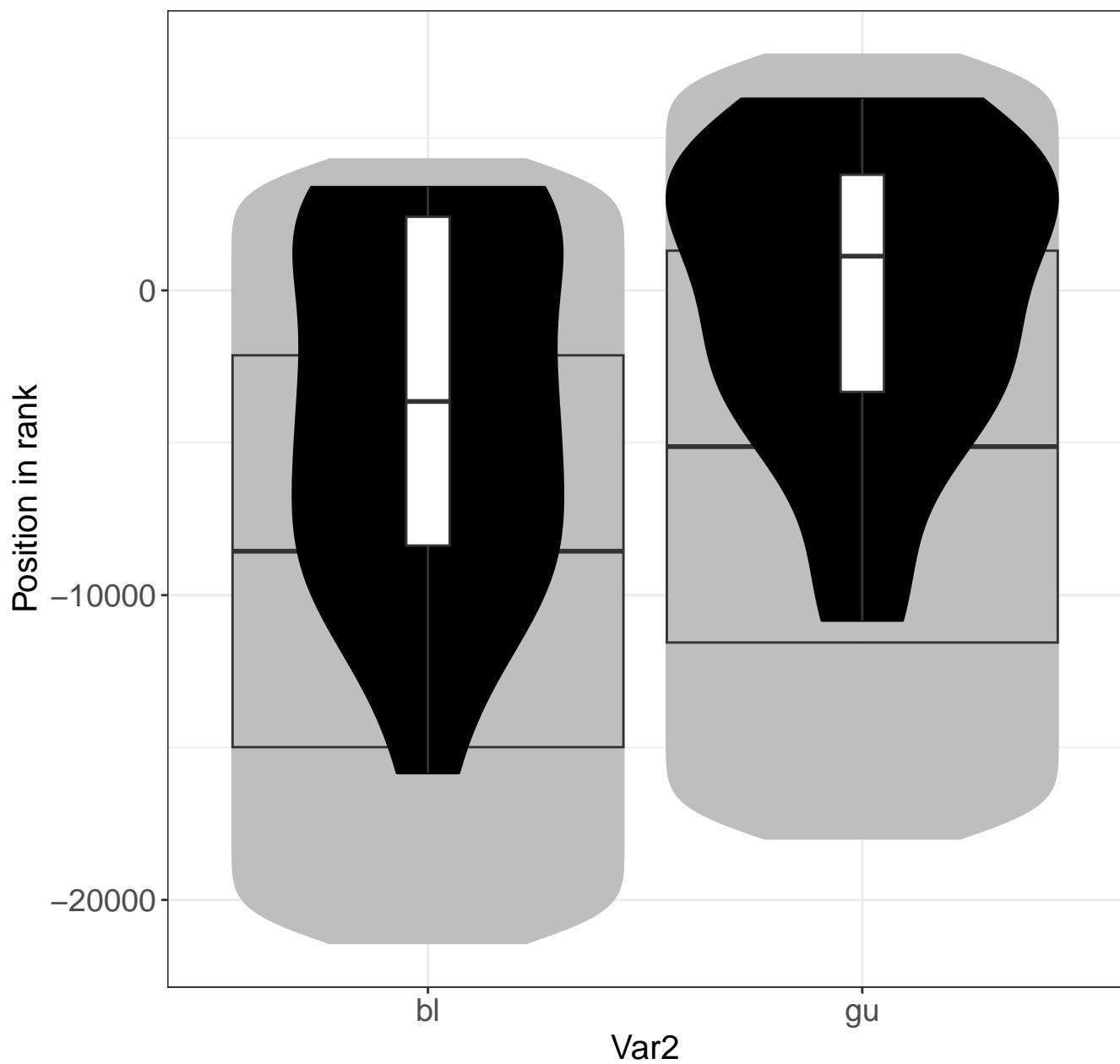
PINK1–PRKN Mediated Mitophagy



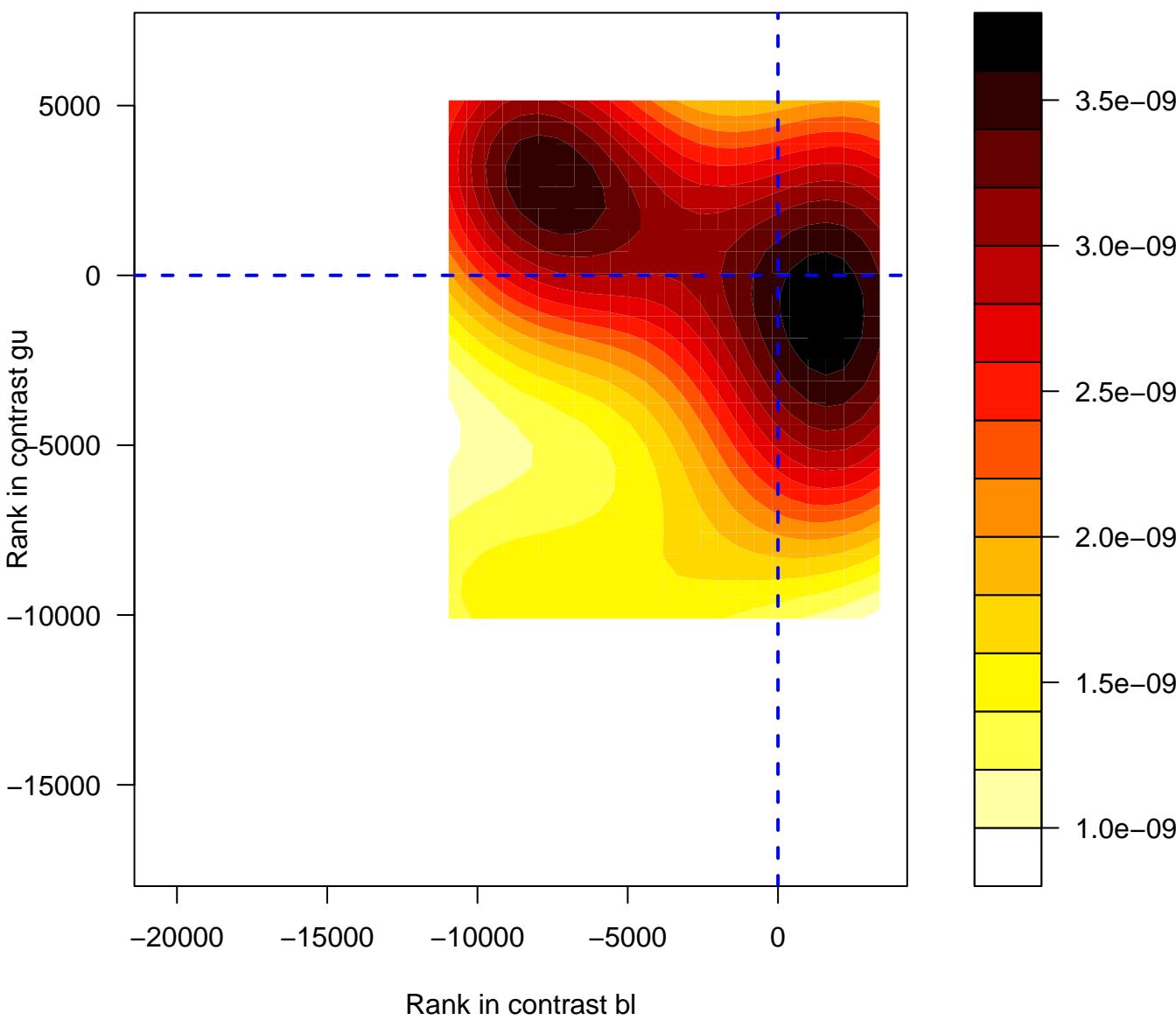
PINK1–PRKN Mediated Mitophagy



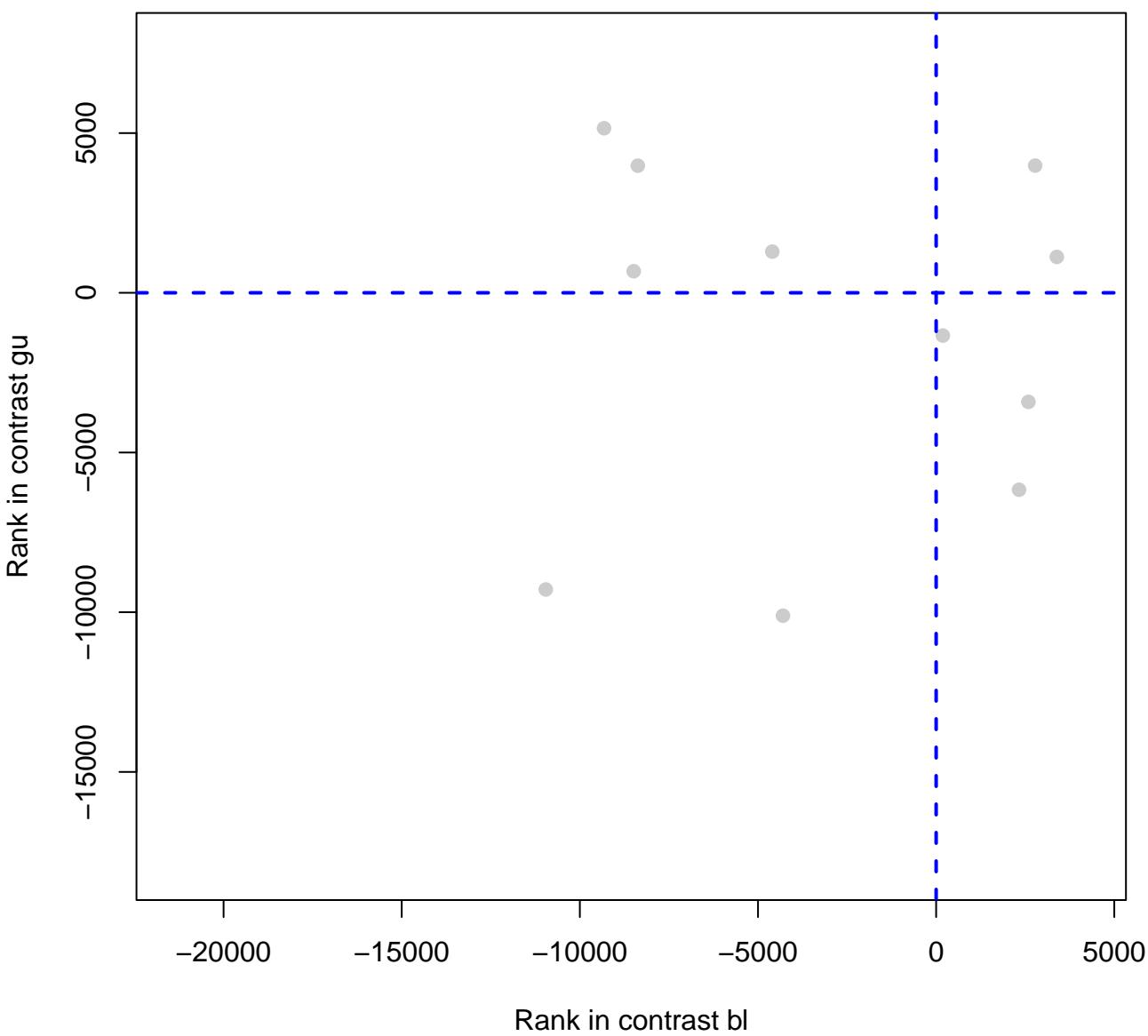
PINK1–PRKN Mediated Mitophagy



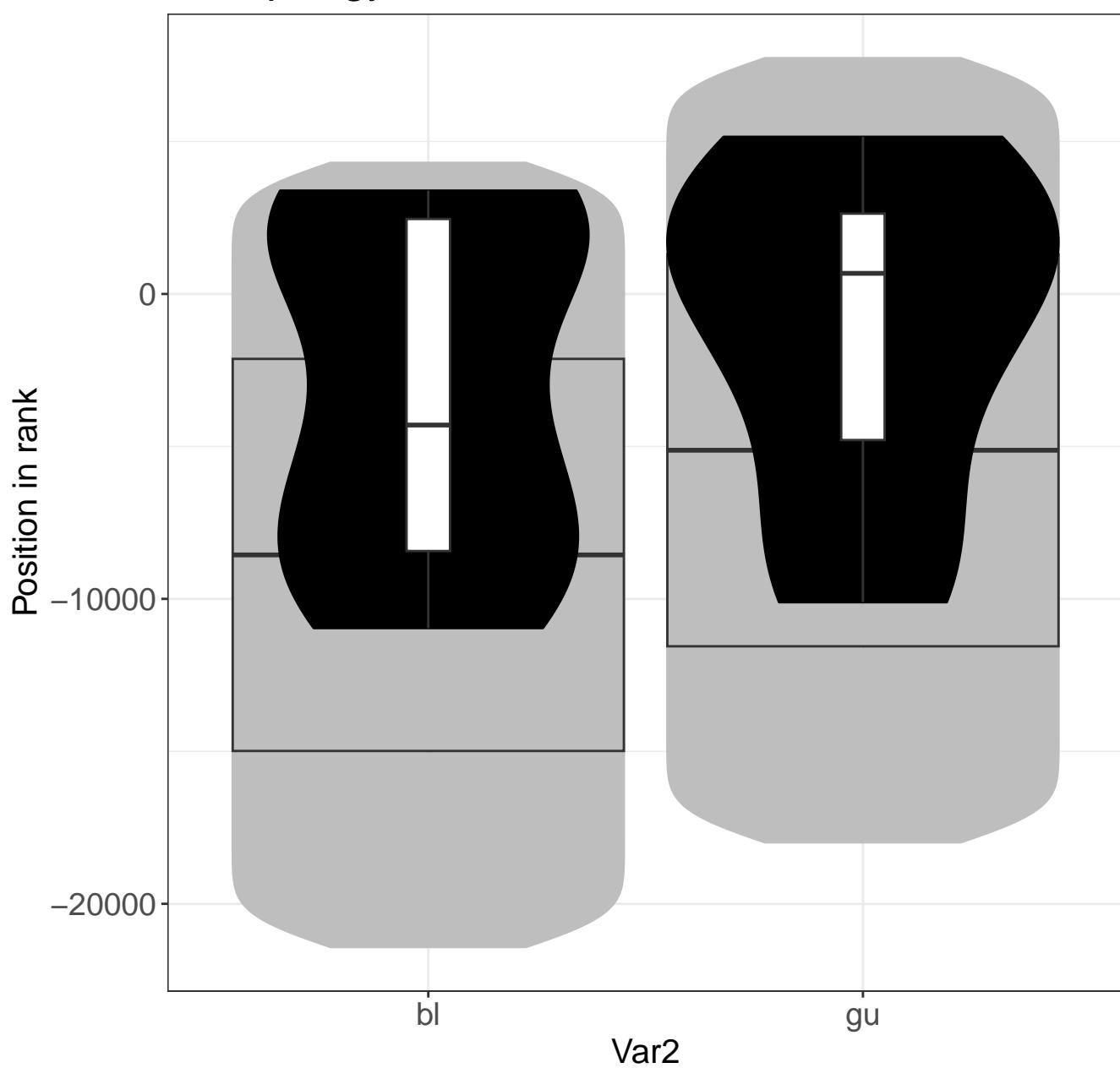
Pexophagy



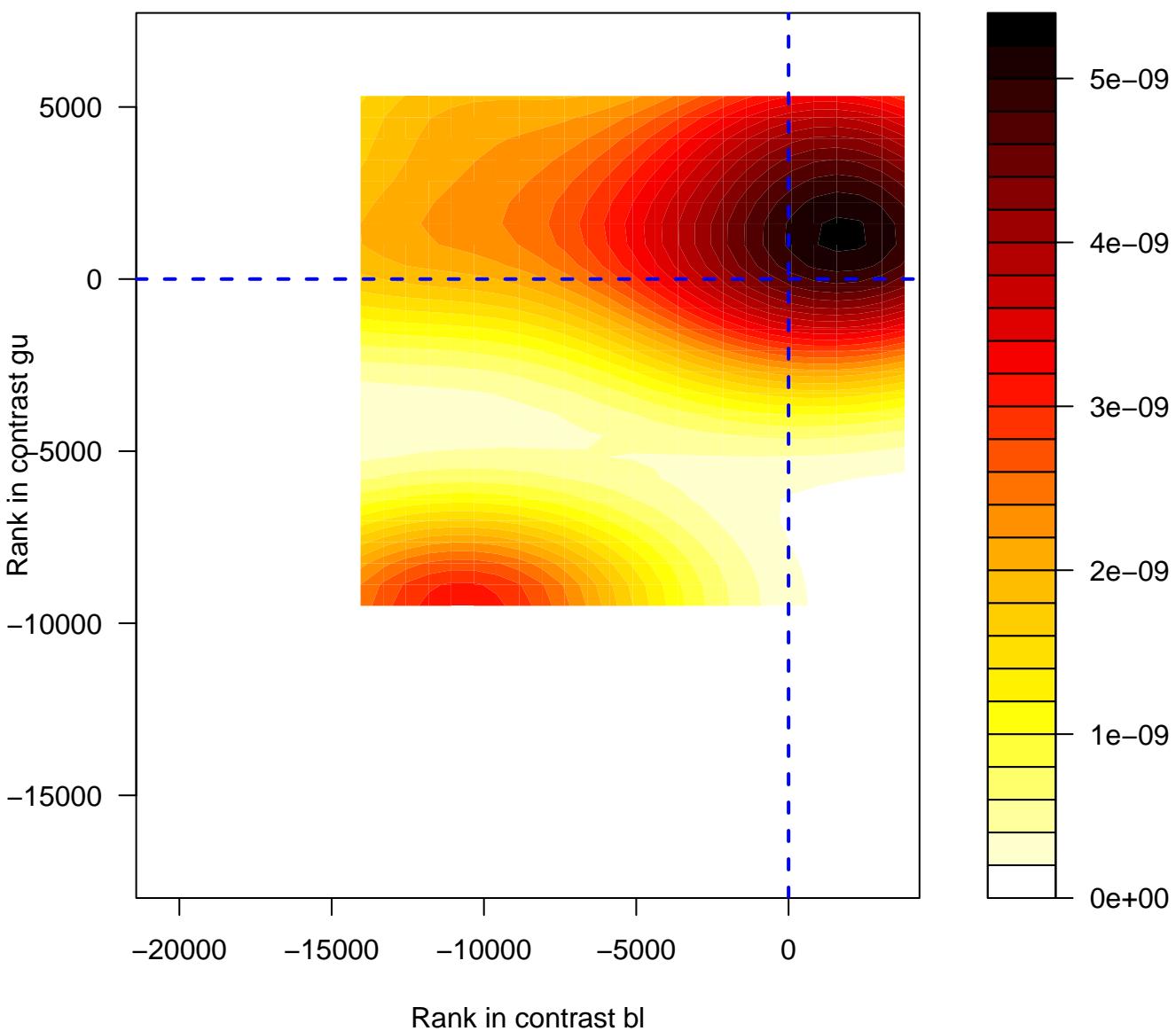
Pexophagy



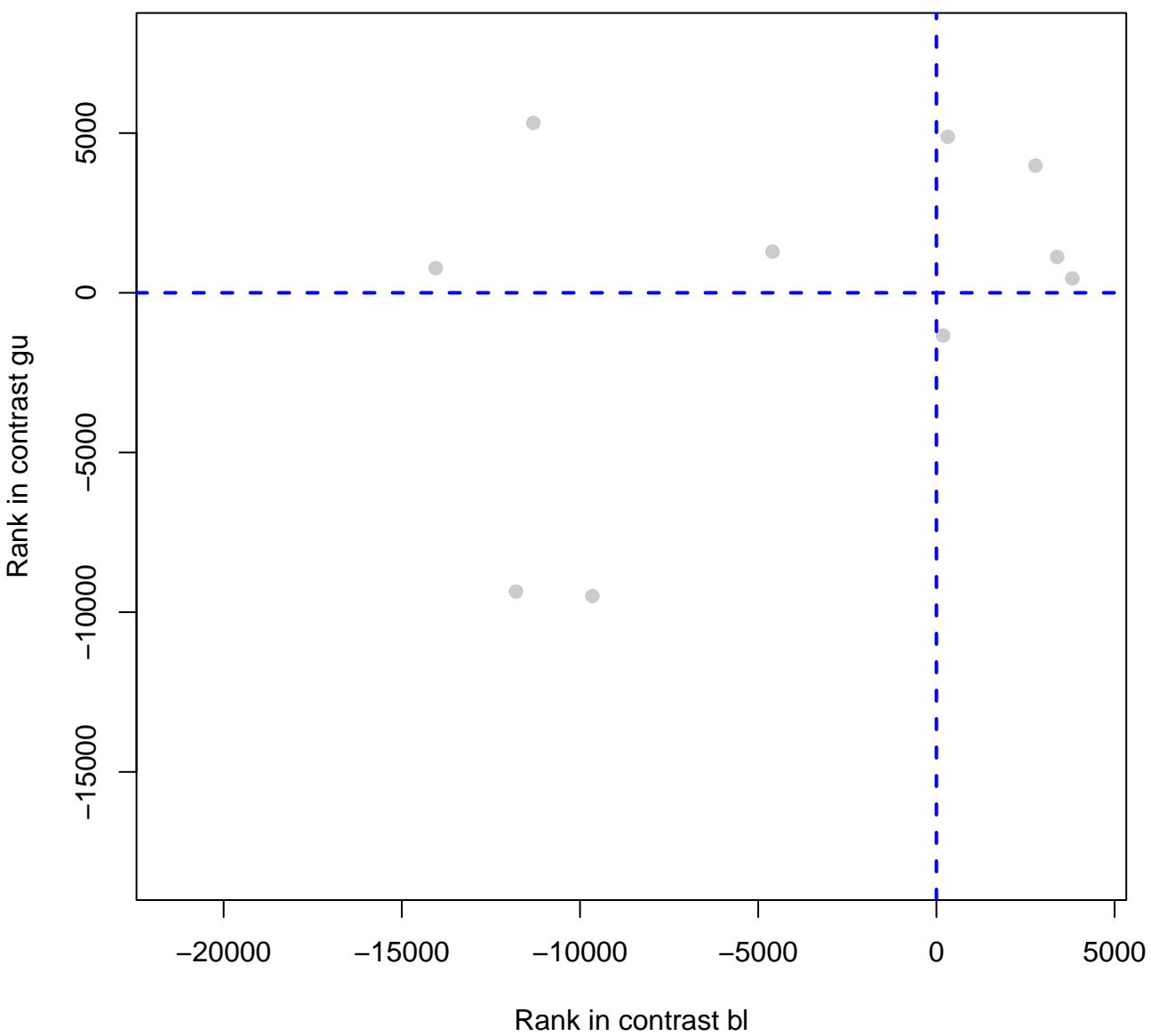
Pexophagy



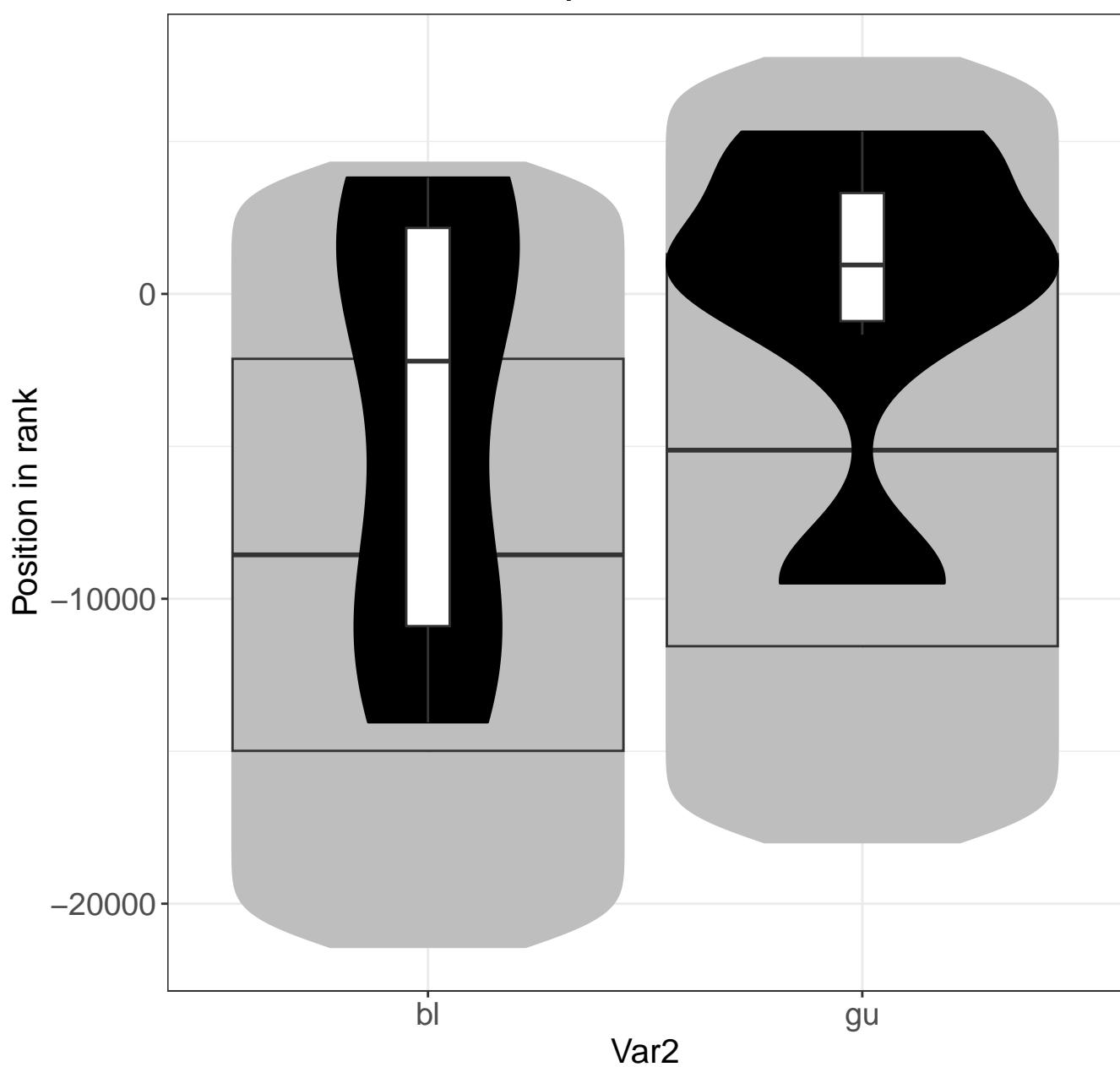
TICAM1,TRAF6-dependent induction of TAK1 complex



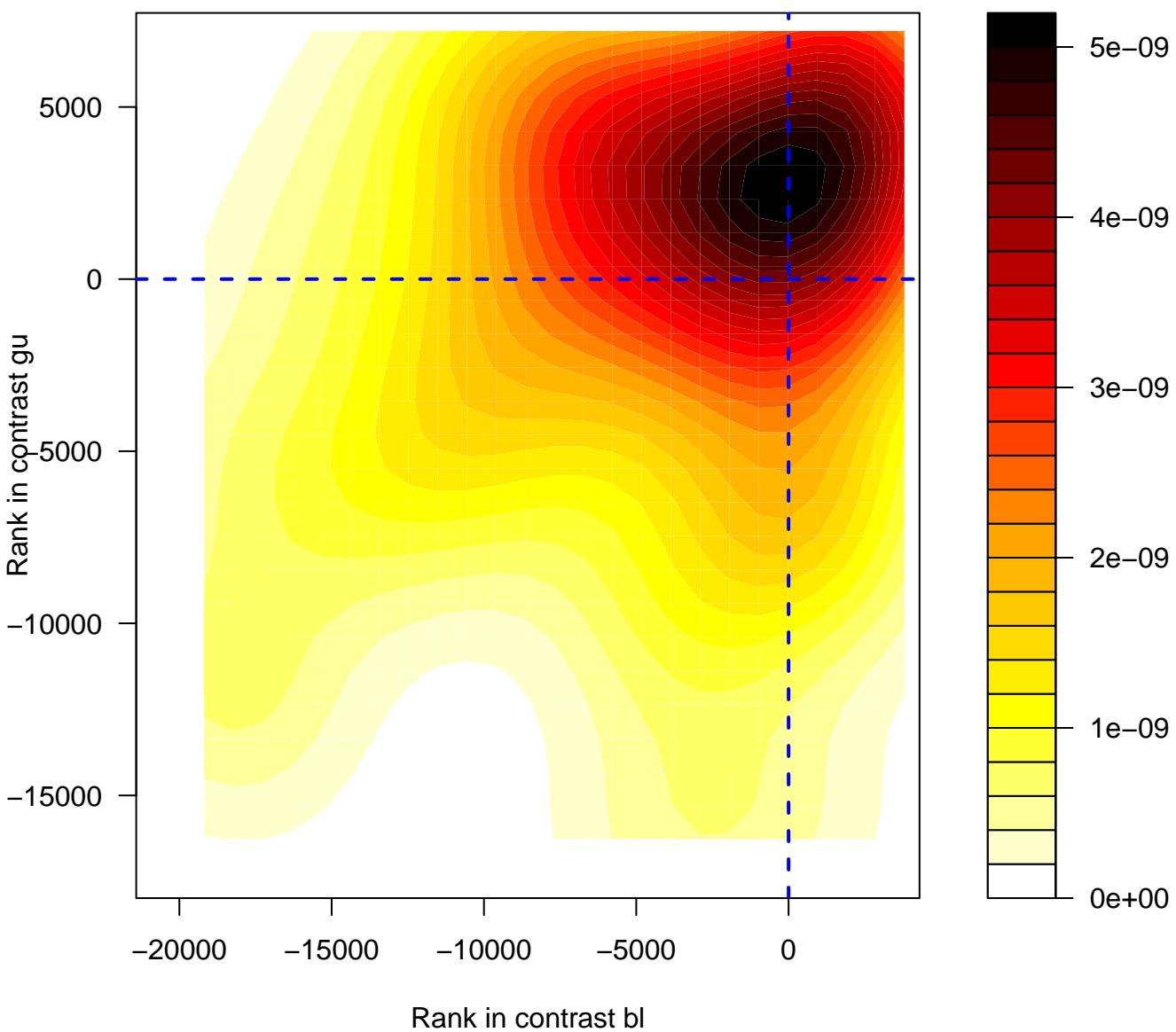
TICAM1,TRAF6-dependent induction of TAK1 complex



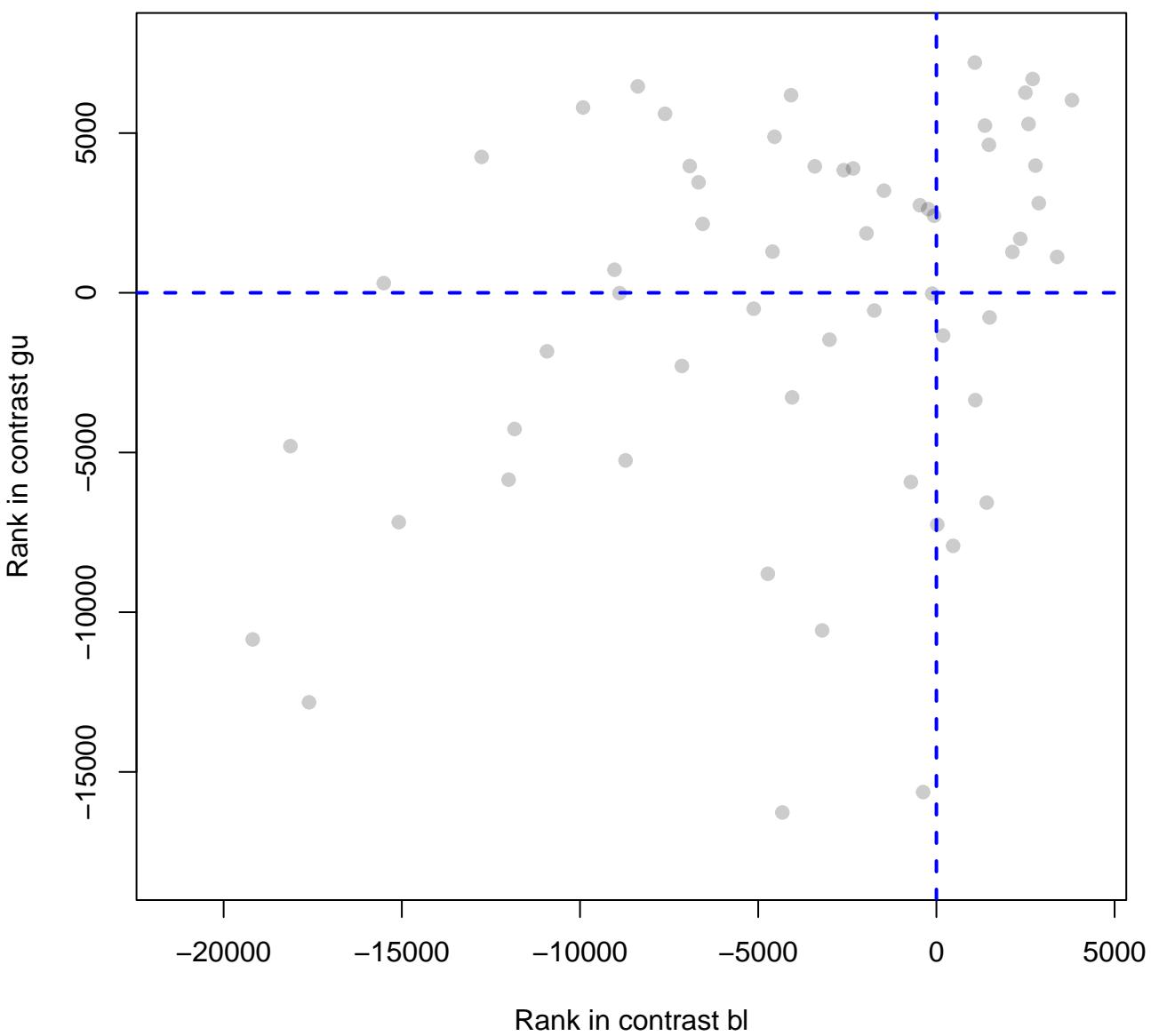
TICAM1,TRAF6-dependent induction of TAK1 co



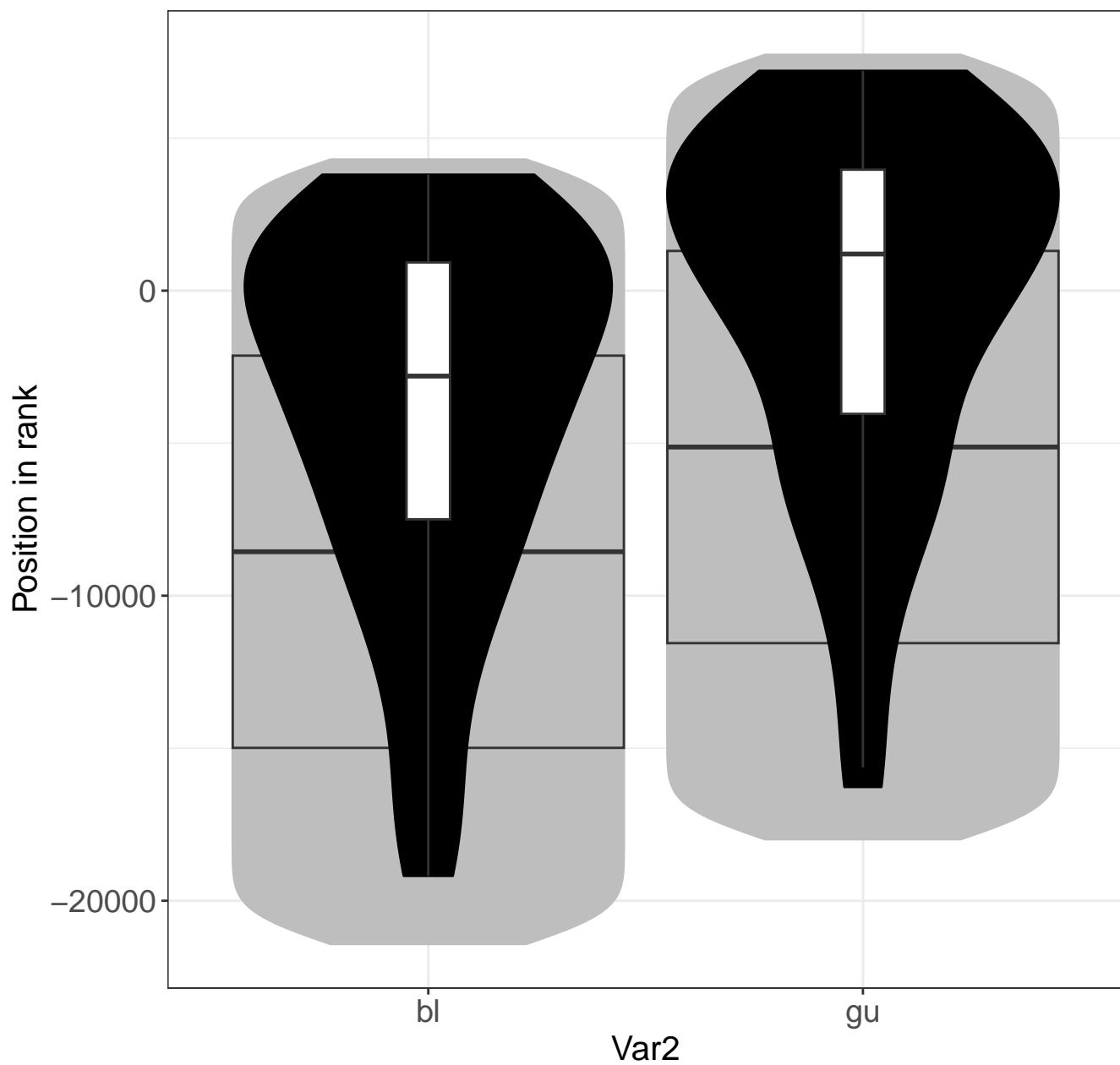
SCF(Skp2)-mediated degradation of p27/p21



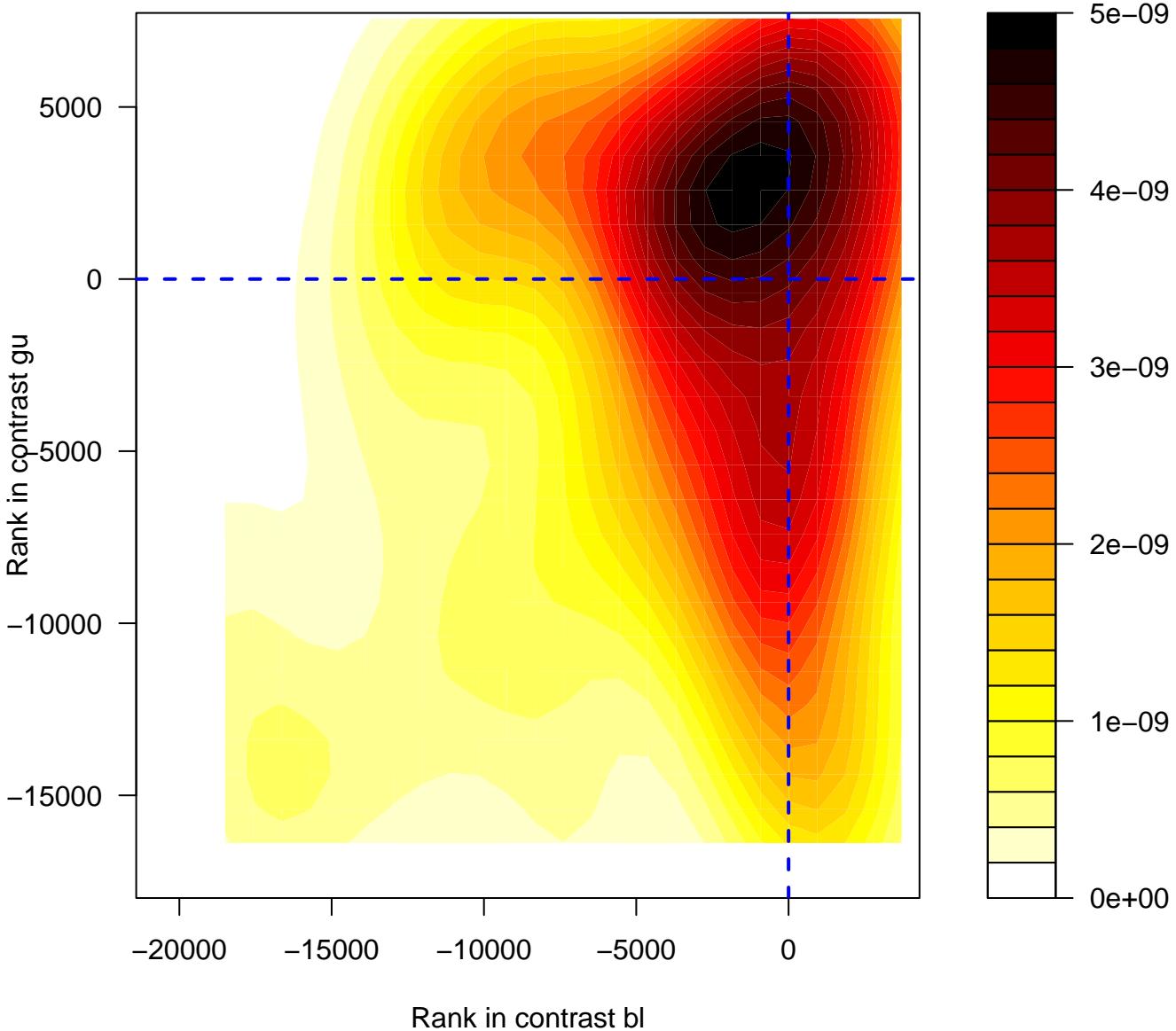
SCF(Skp2)-mediated degradation of p27/p21



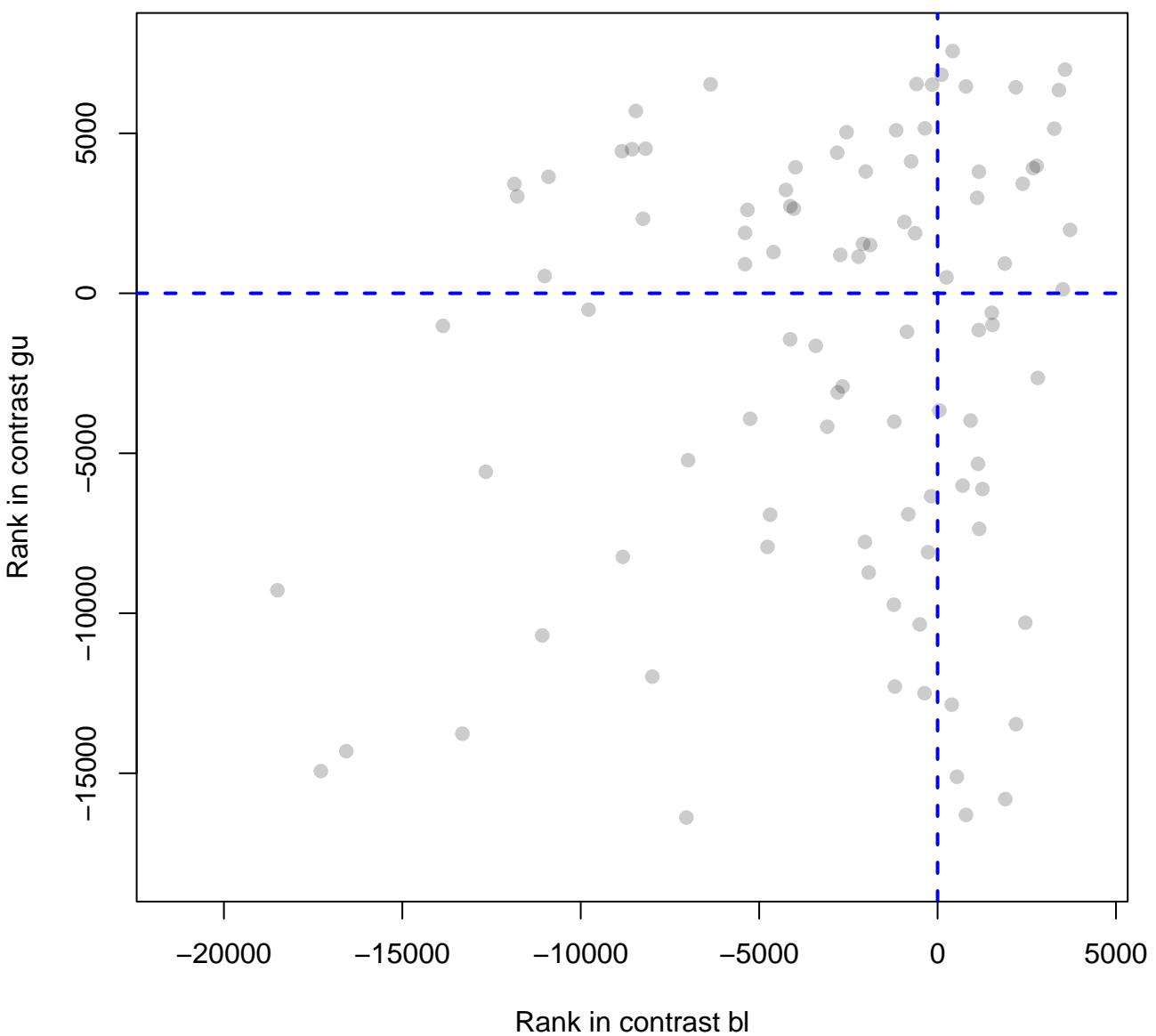
SCF(Skp2)-mediated degradation of p27/p21



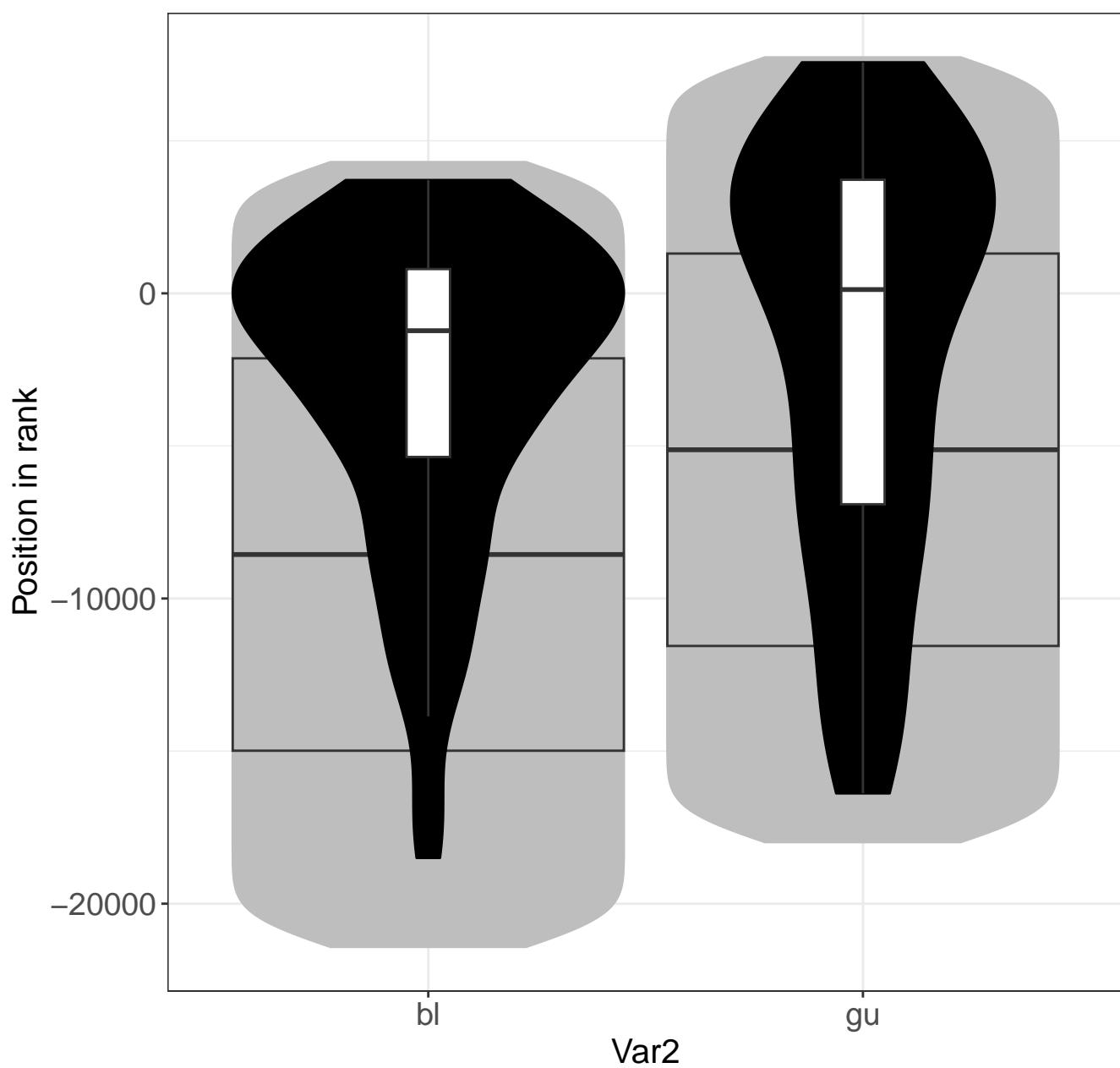
Response of EIF2AK4 (GCN2) to amino acid deficiency



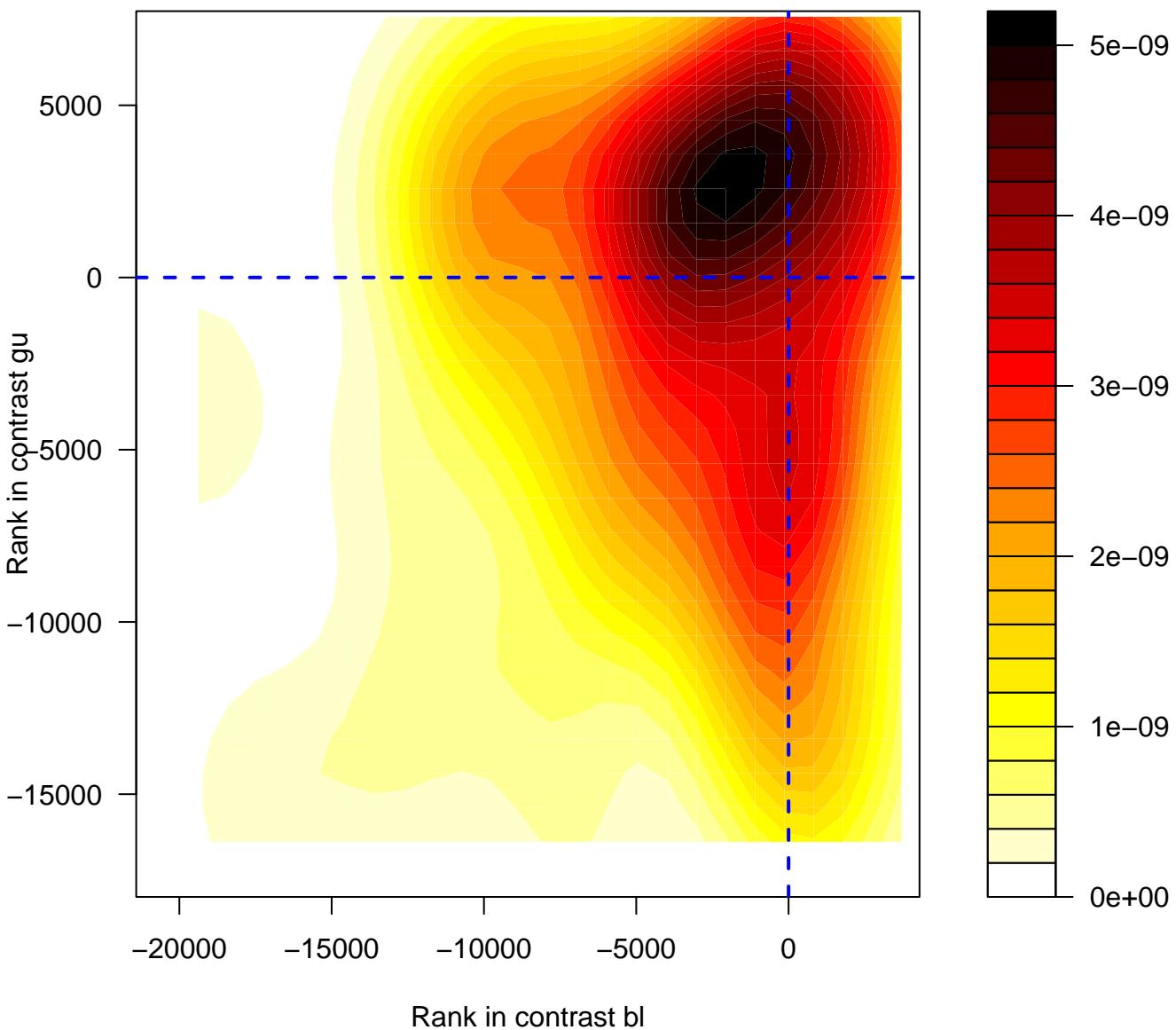
Response of EIF2AK4 (GCN2) to amino acid deficiency



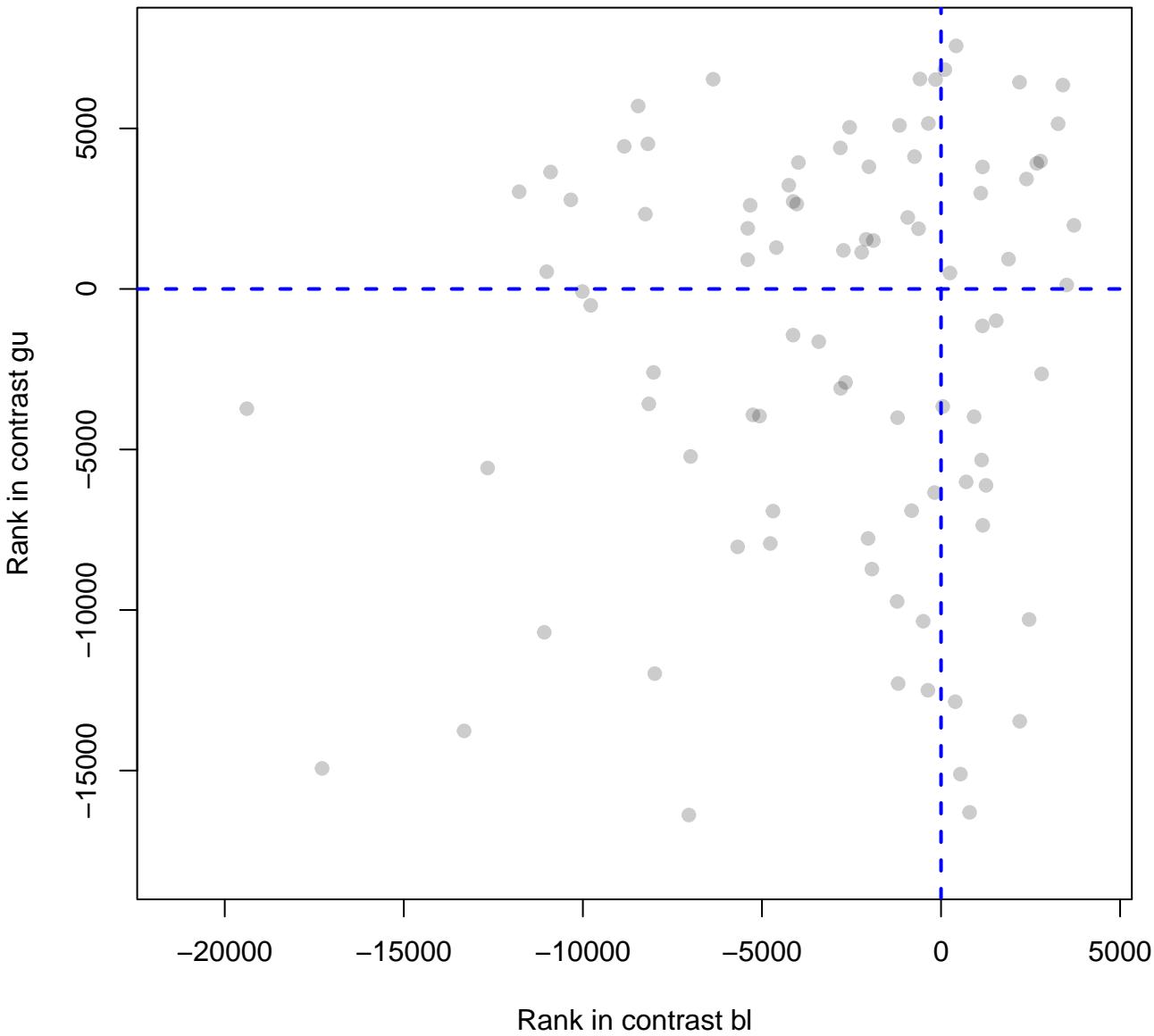
Response of EIF2AK4 (GCN2) to amino acid def



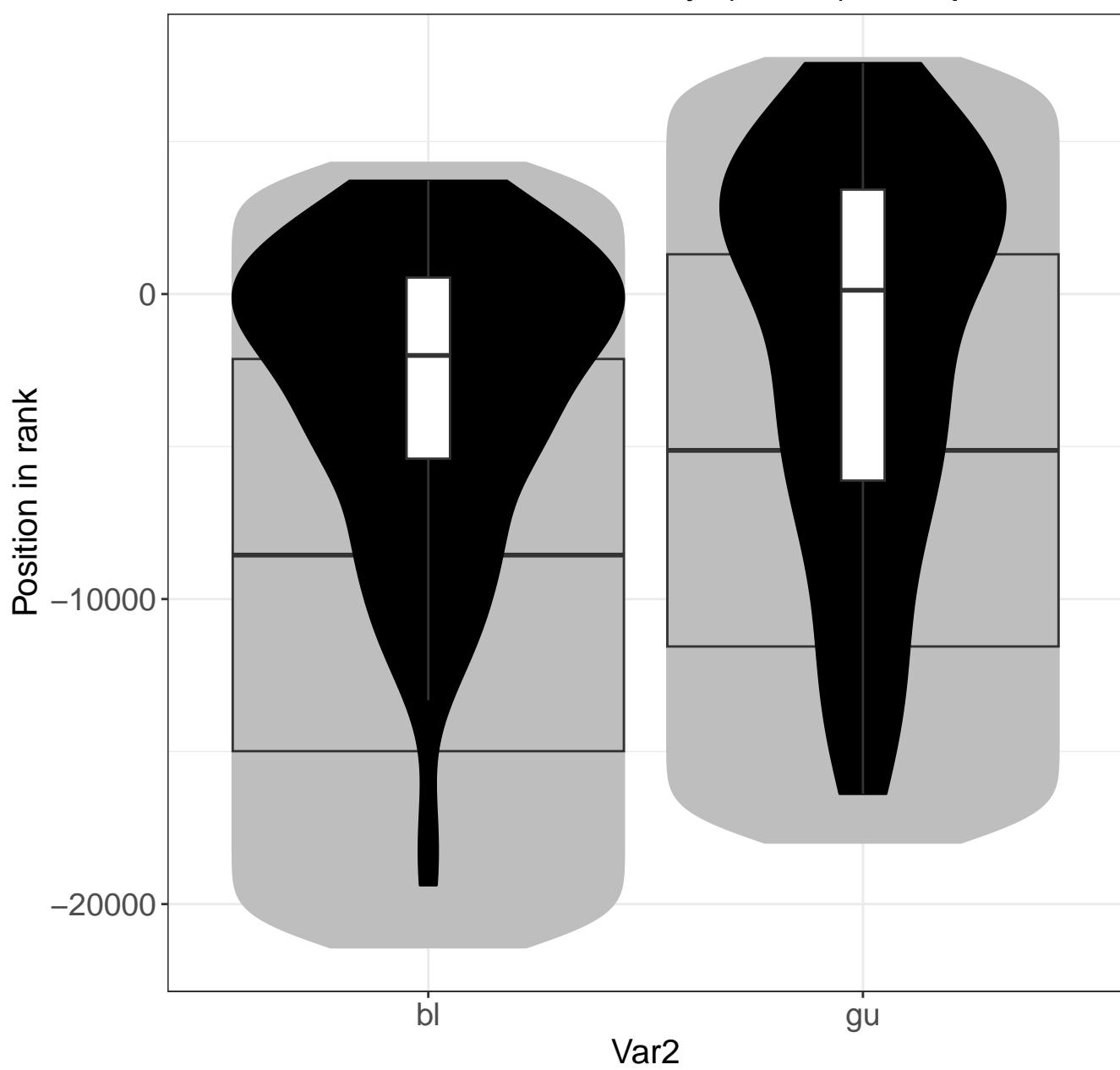
Gene Mediated Decay (NMD) independent of the Exon Junction 1



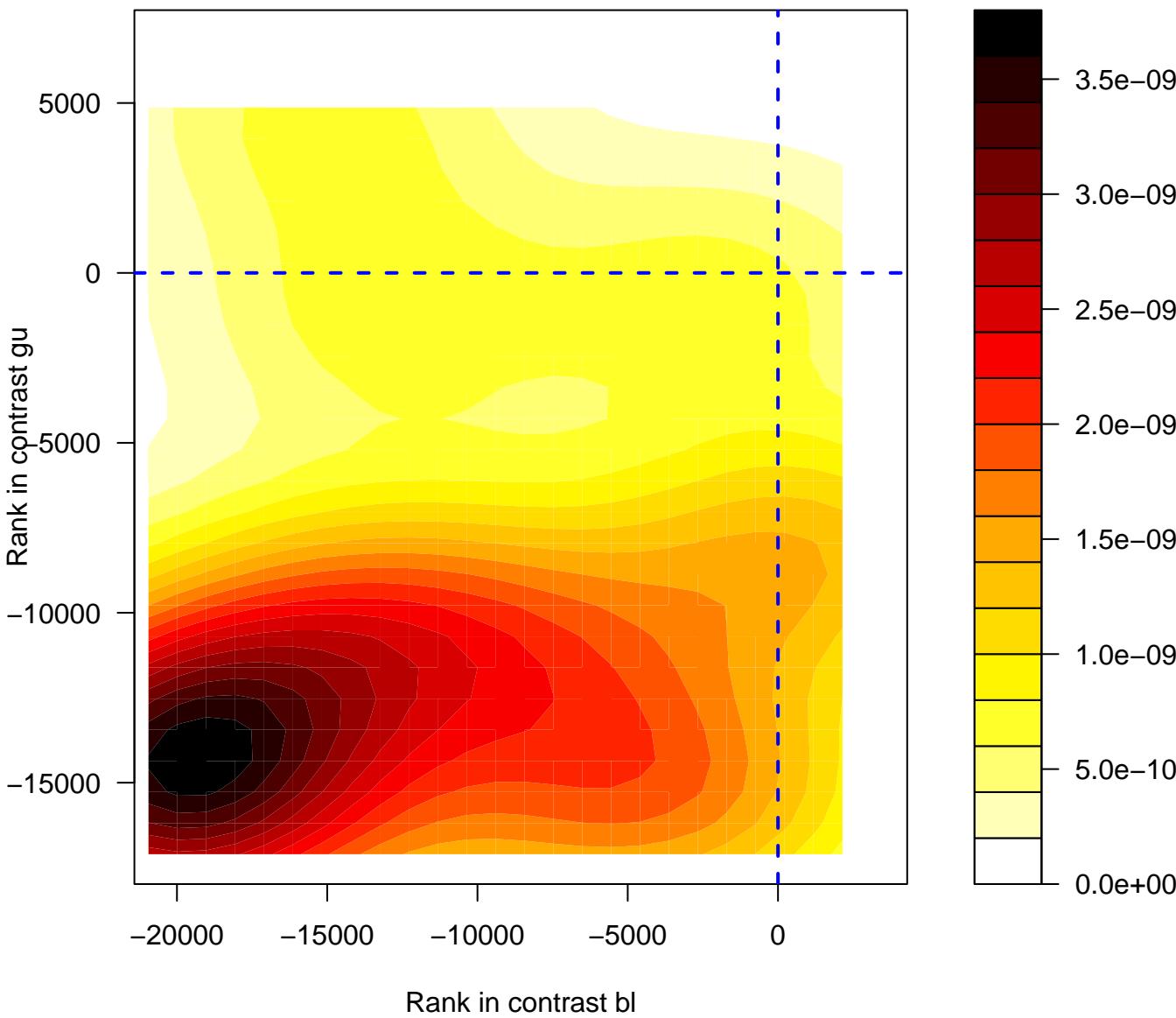
onsense Mediated Decay (NMD) independent of the Exon Junction Complex



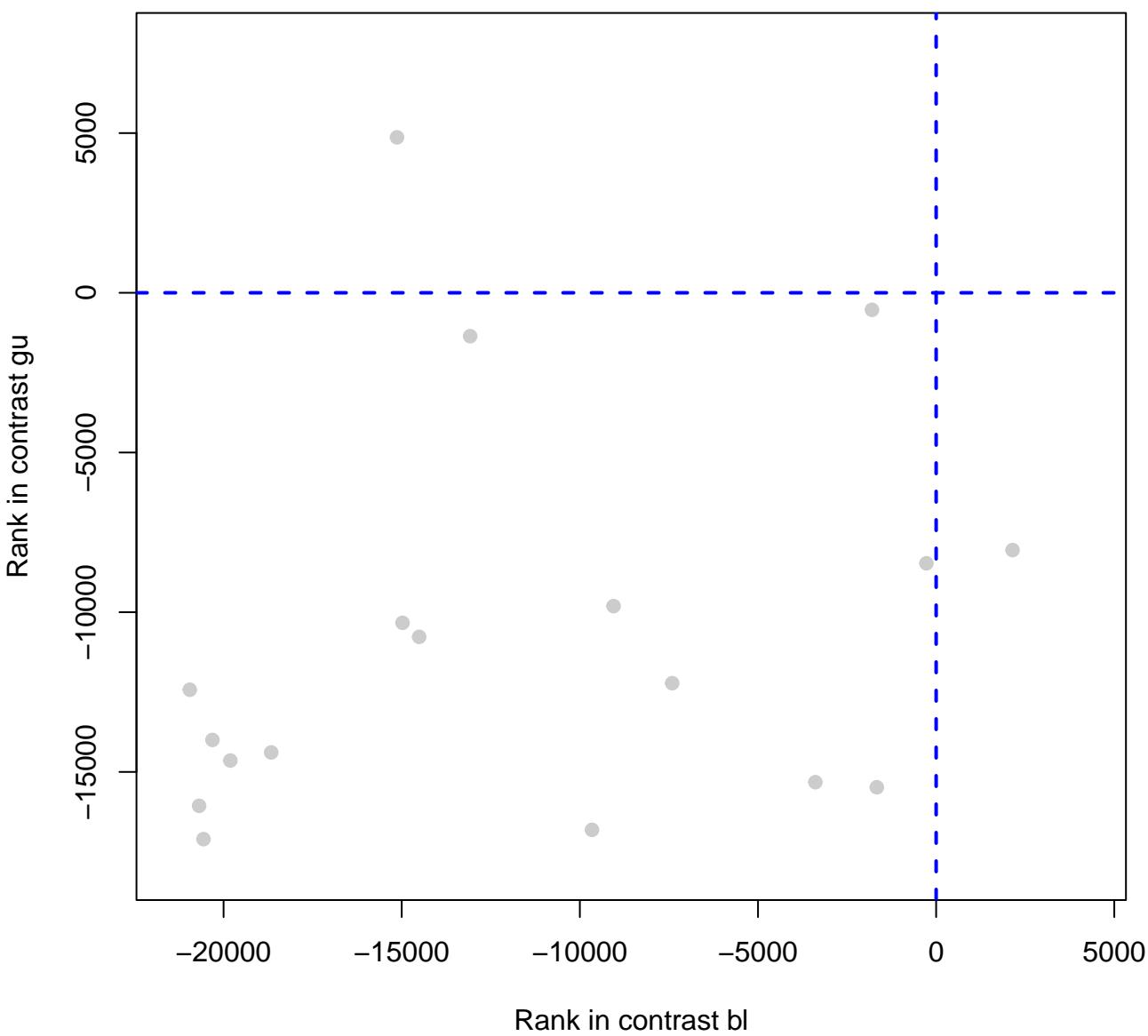
Nonsense Mediated Decay (NMD) independent c



Digestion

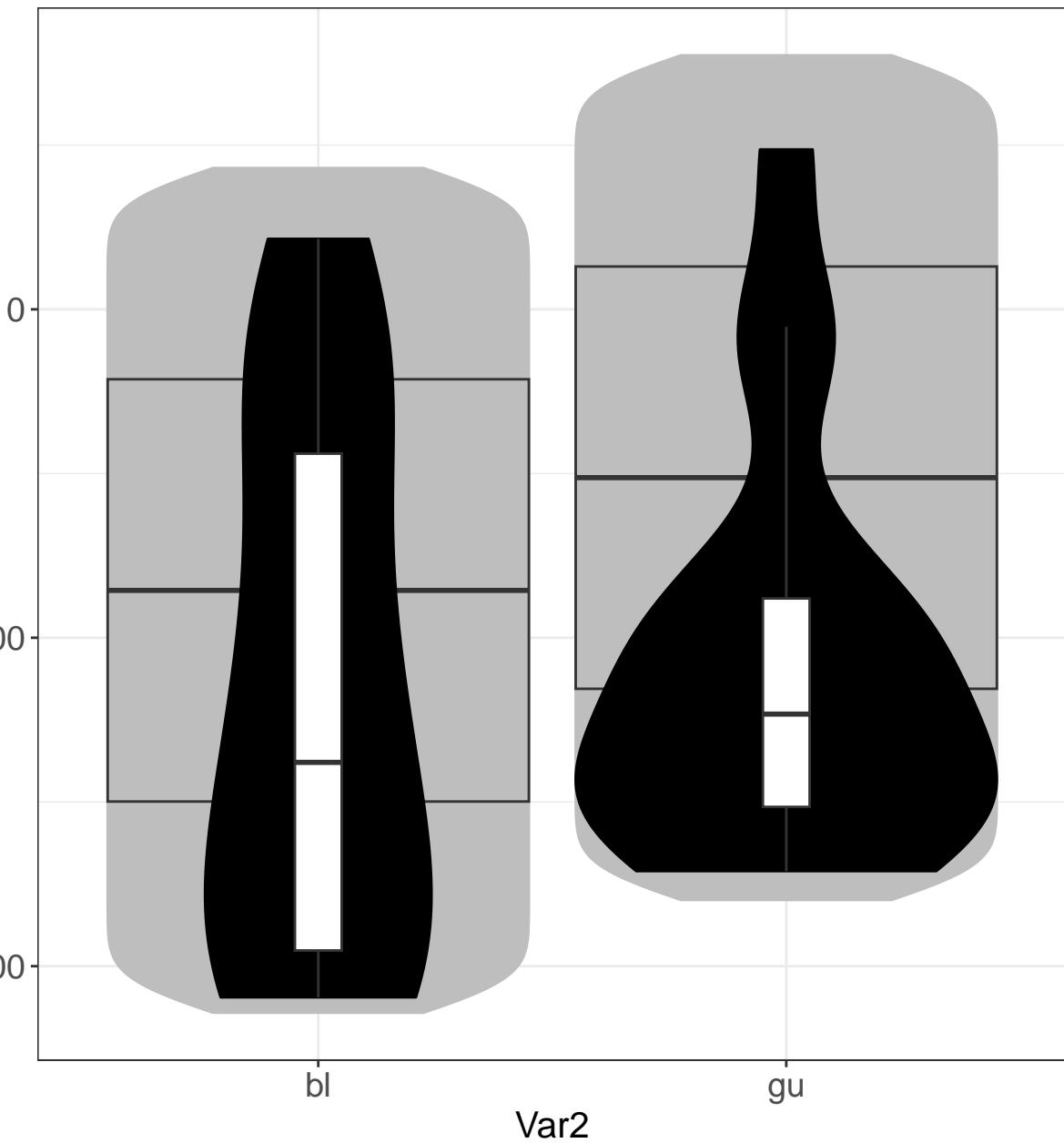


Digestion

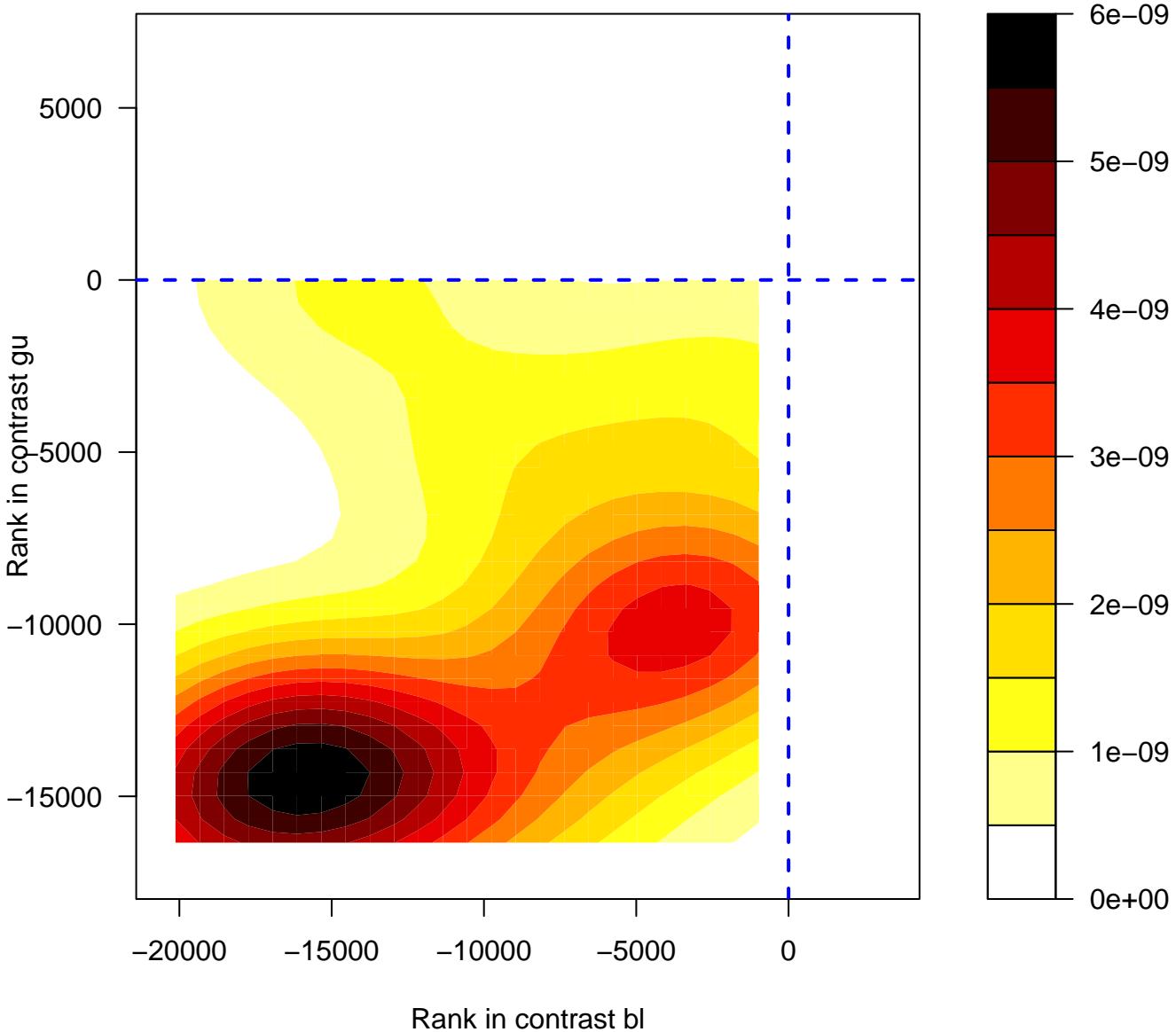


Digestion

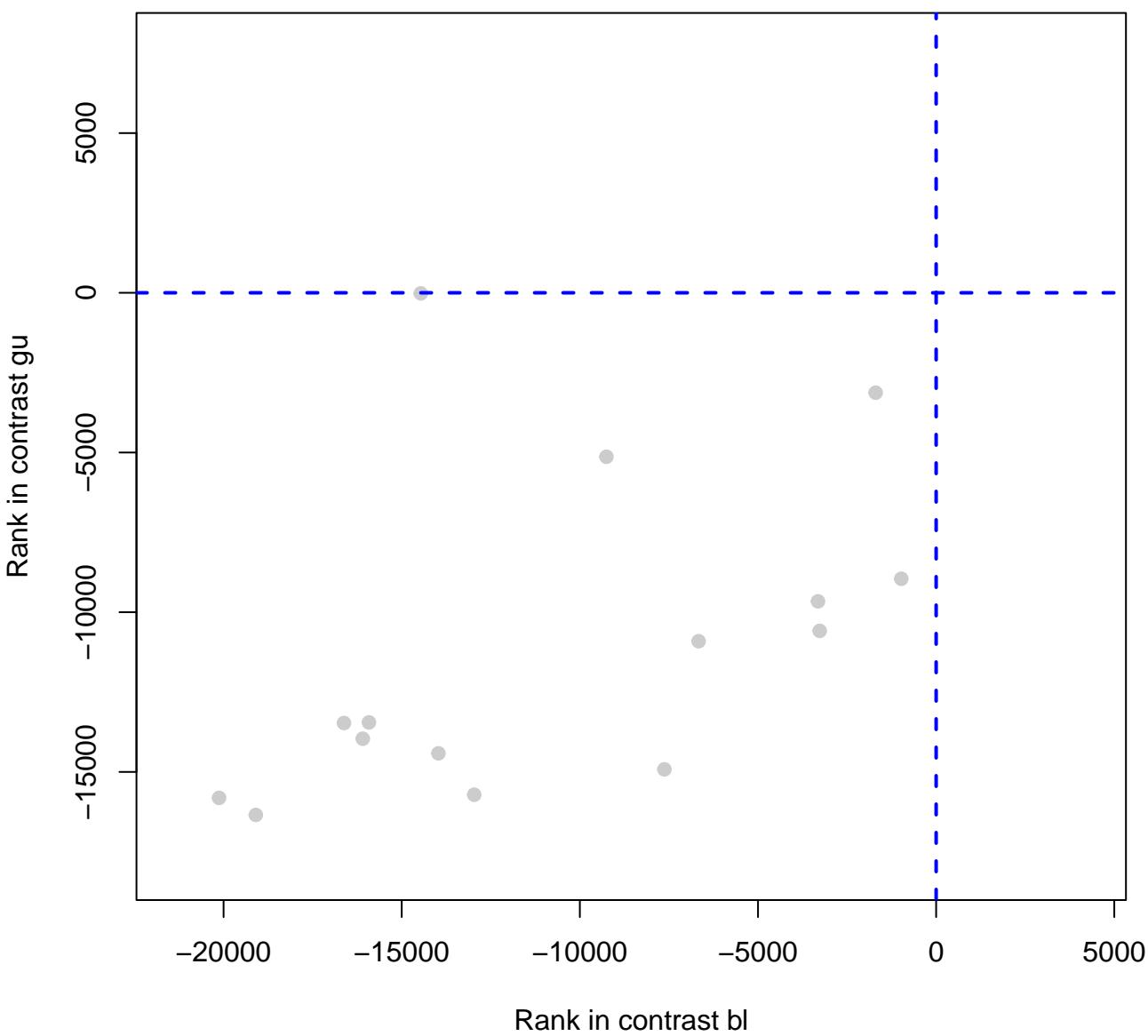
Position in rank



cGMP effects

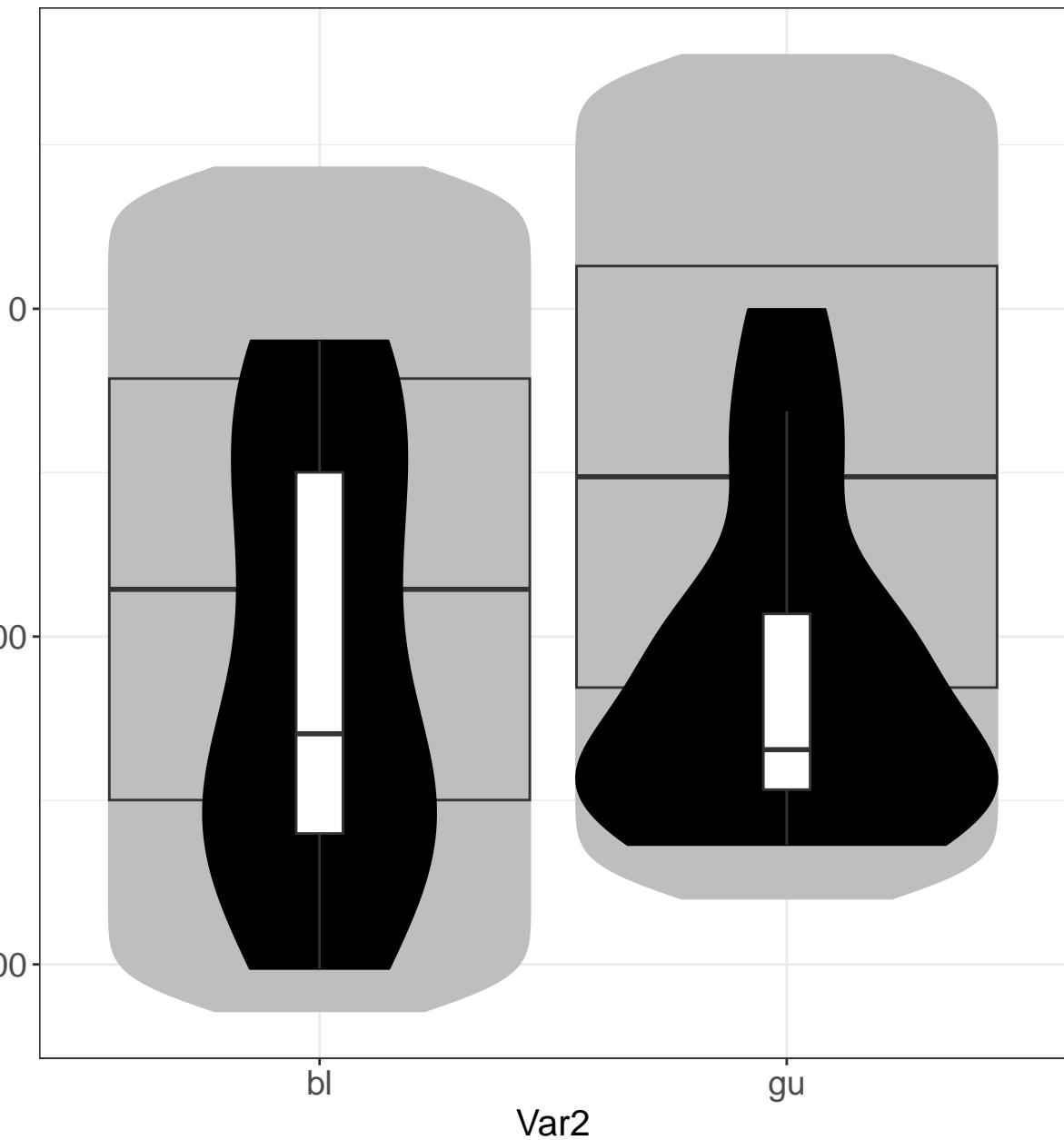


cGMP effects

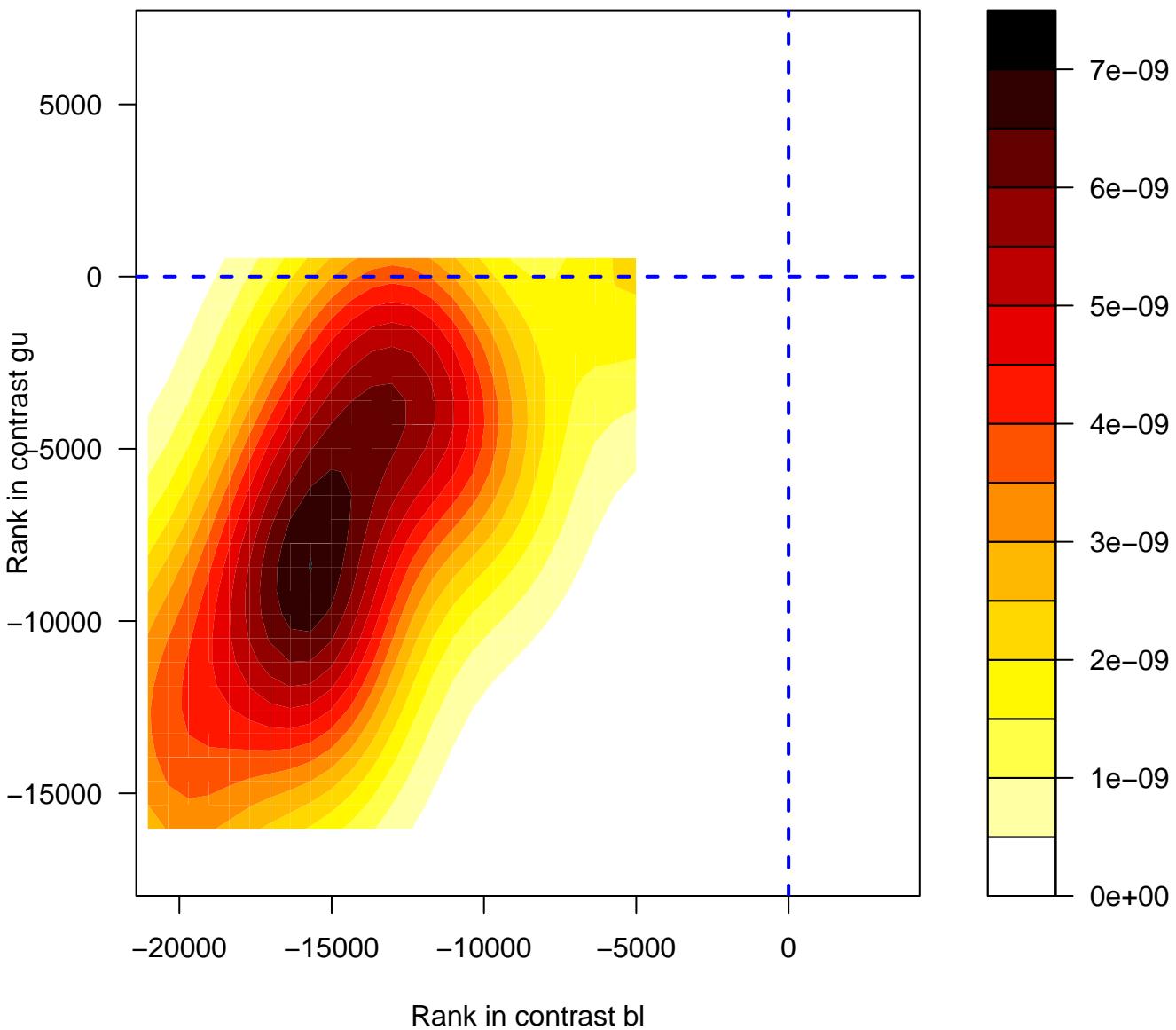


cGMP effects

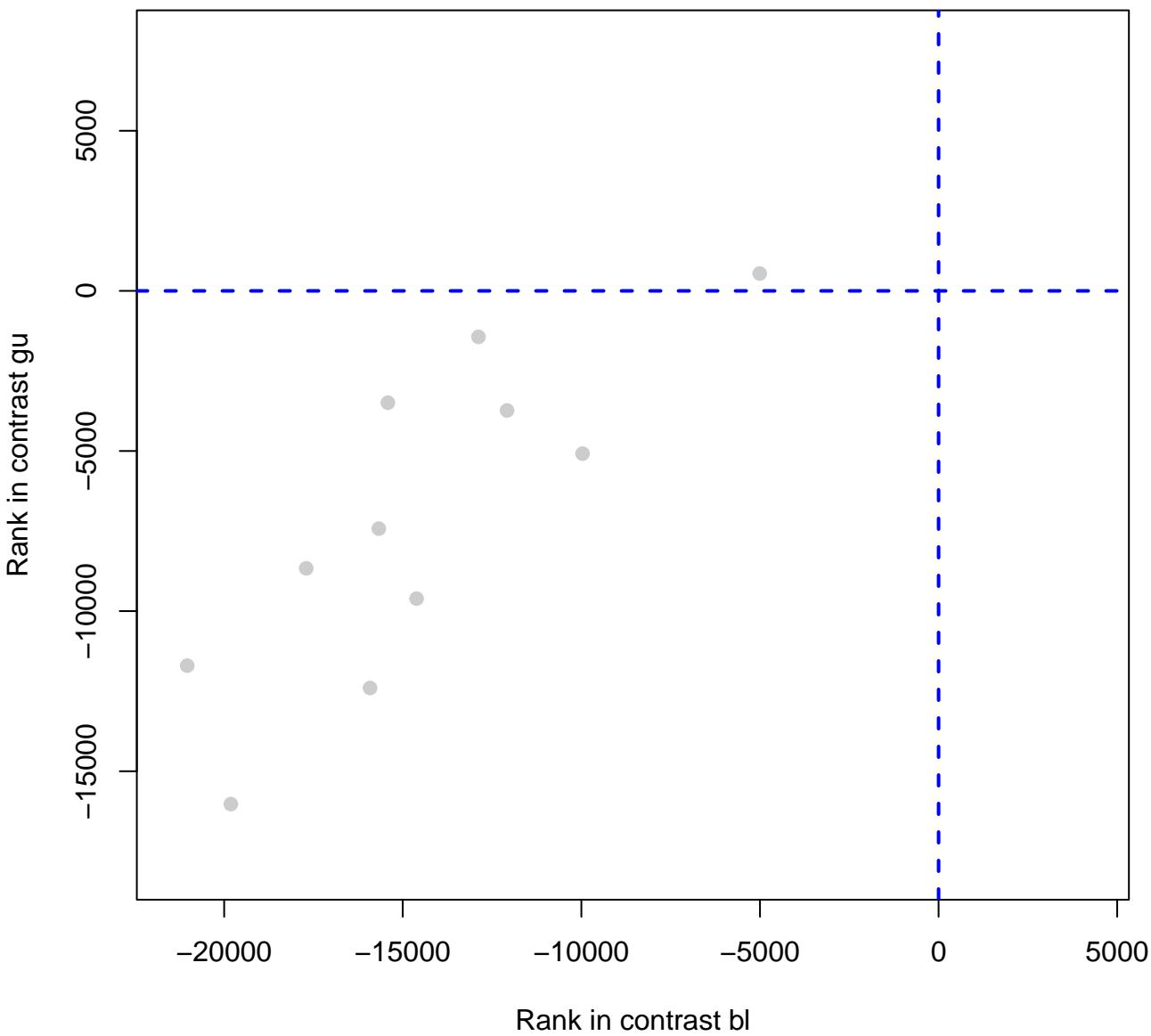
Position in rank



Apoptotic cleavage of cell adhesion proteins

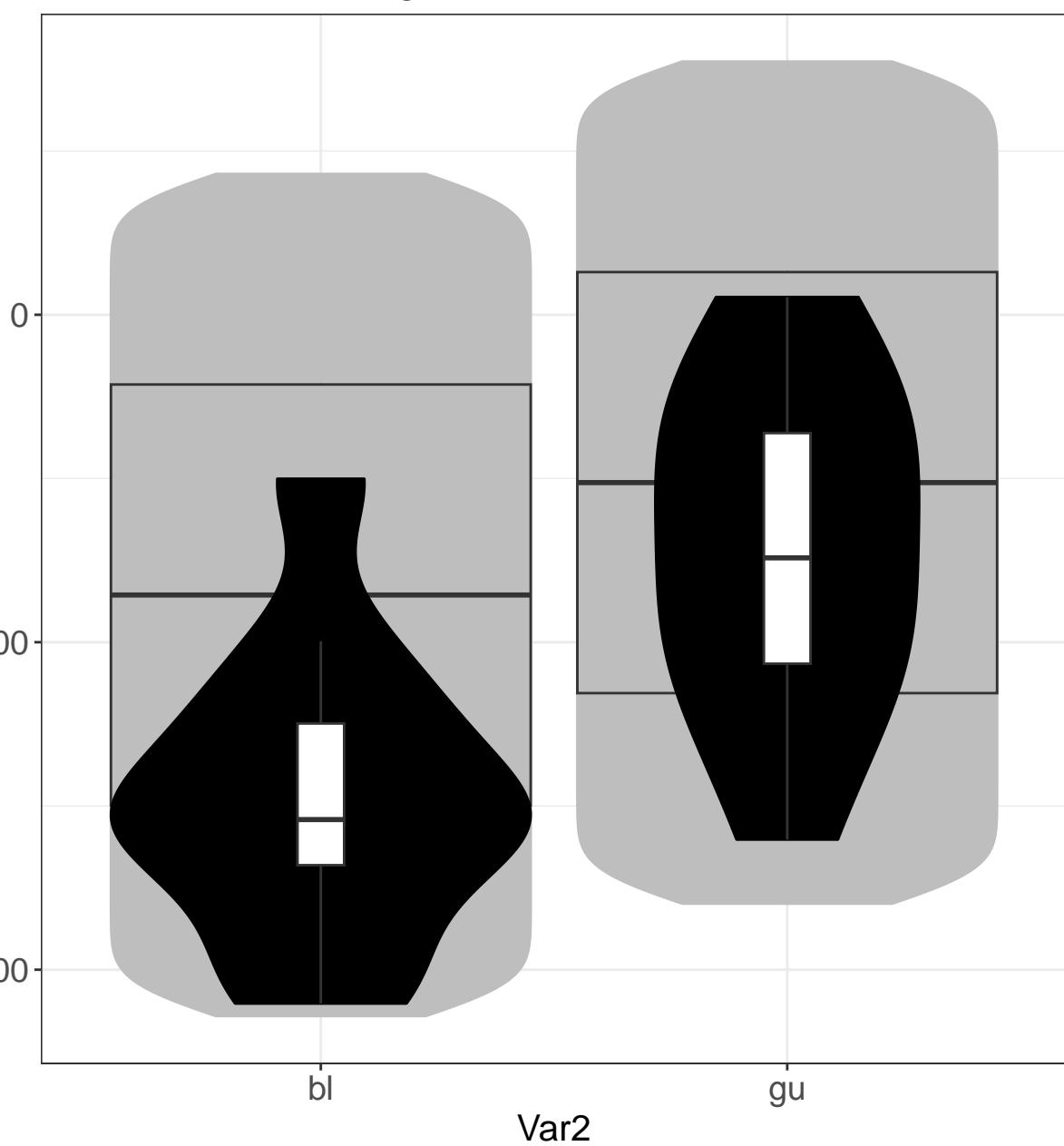


Apoptotic cleavage of cell adhesion proteins

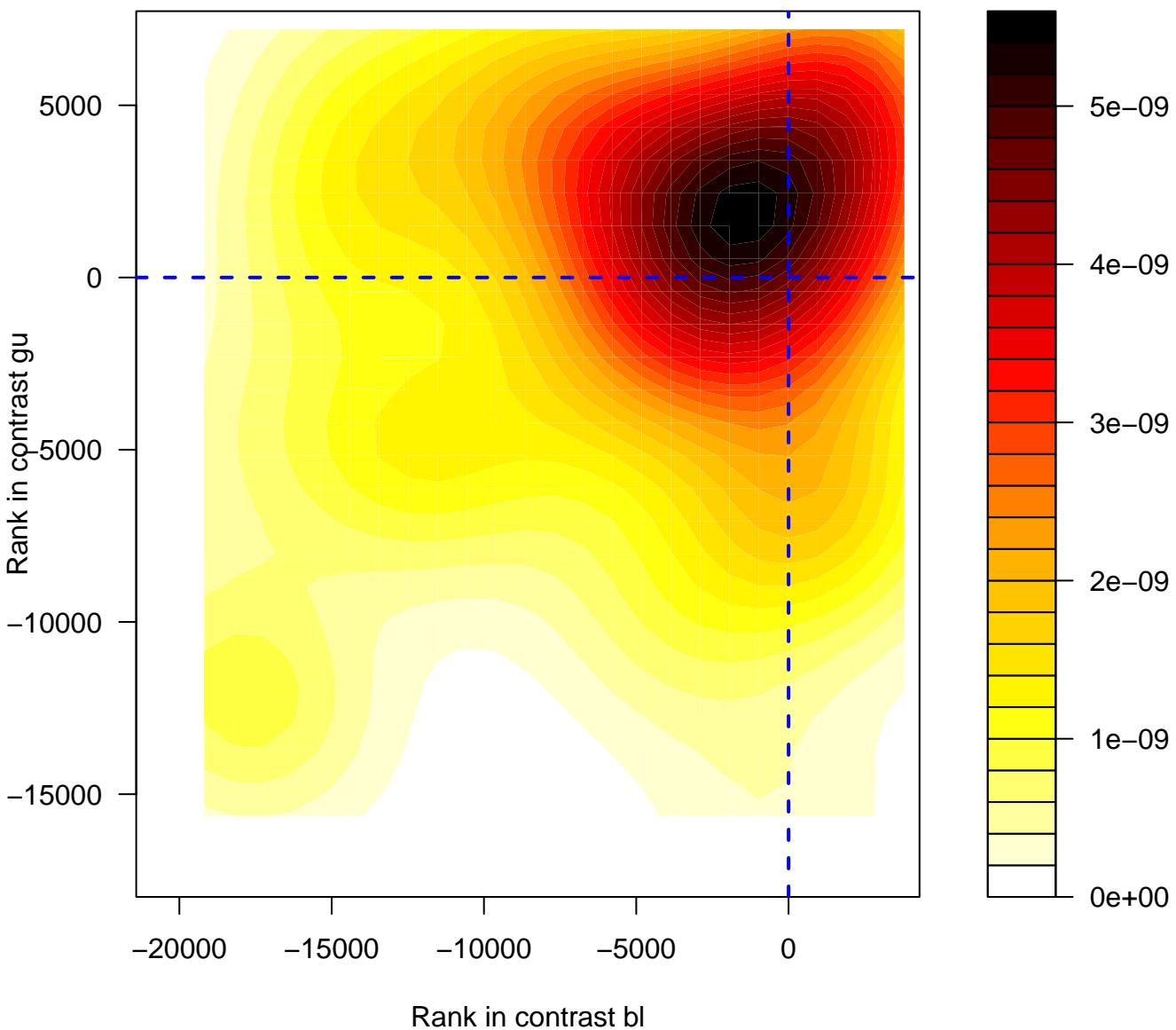


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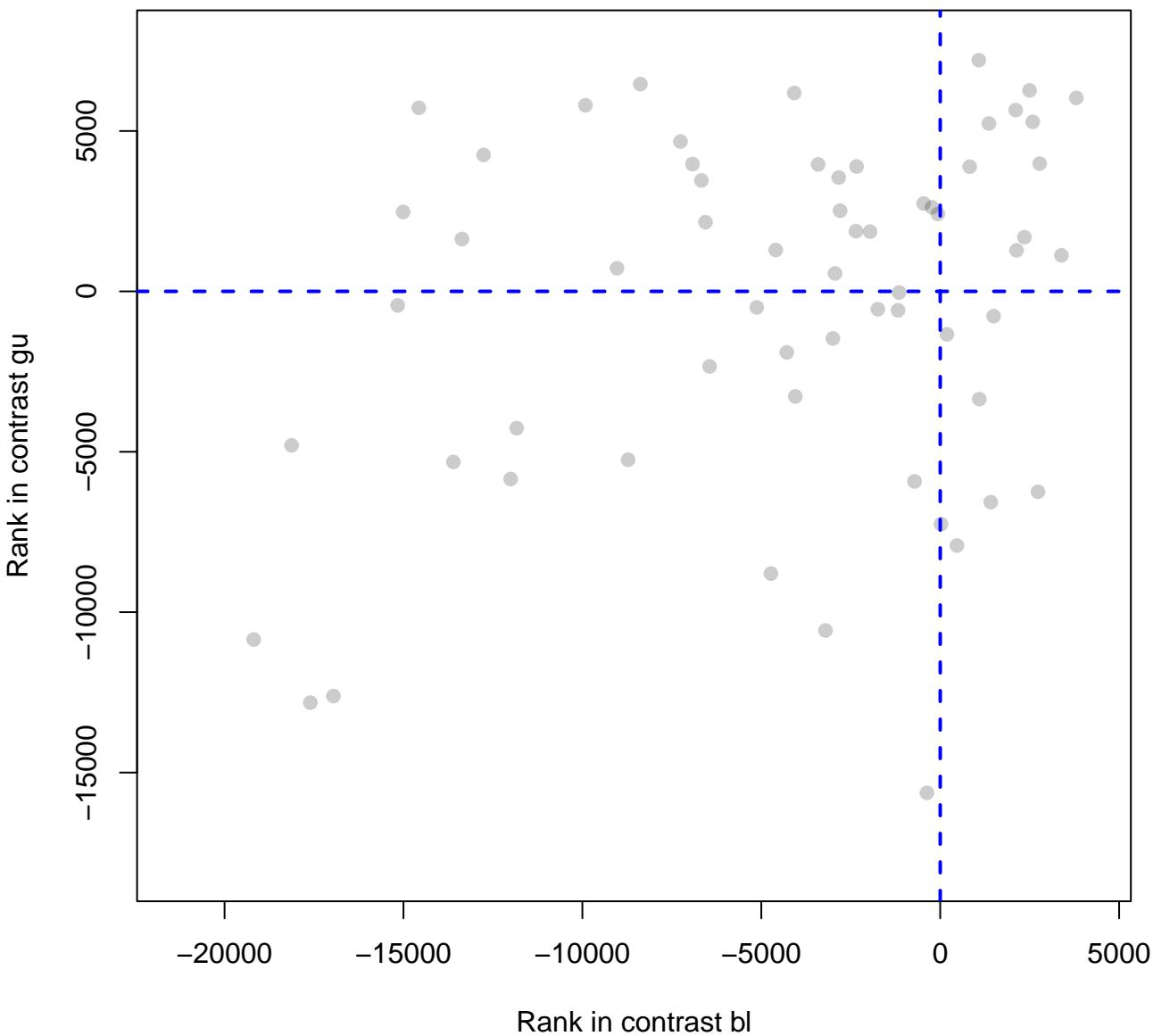
Position in rank



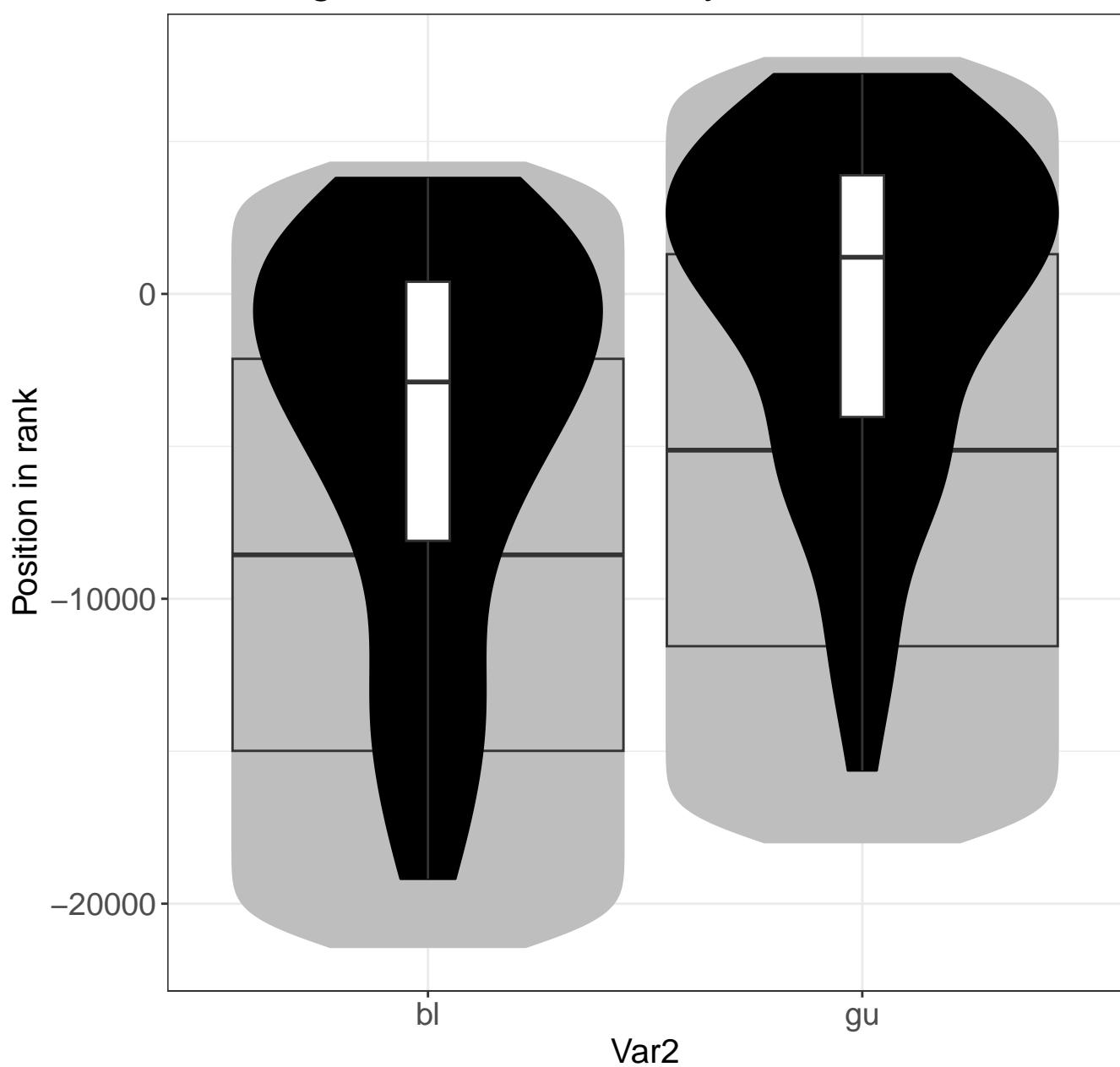
Autodegradation of Cdh1 by Cdh1:APC/C



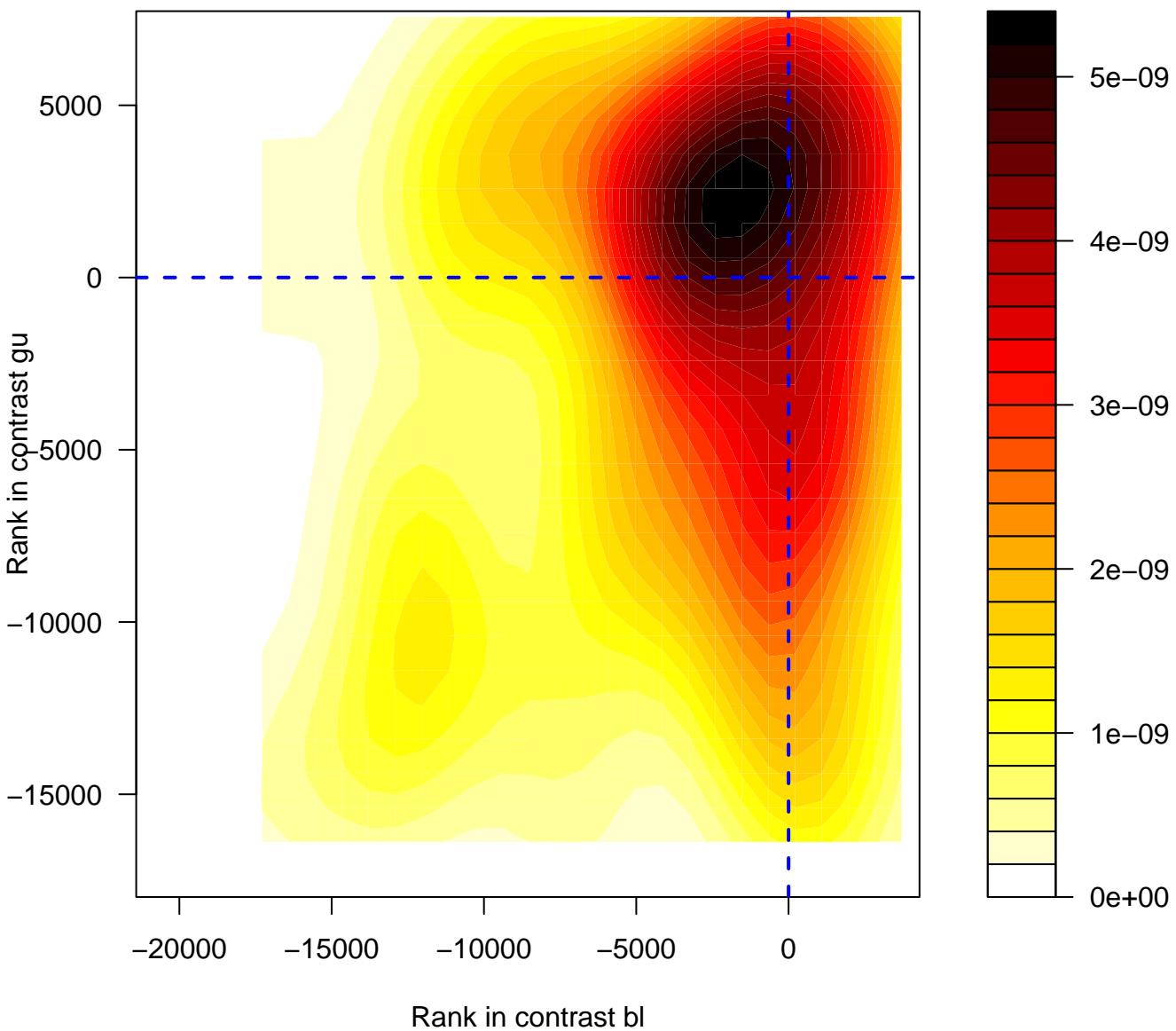
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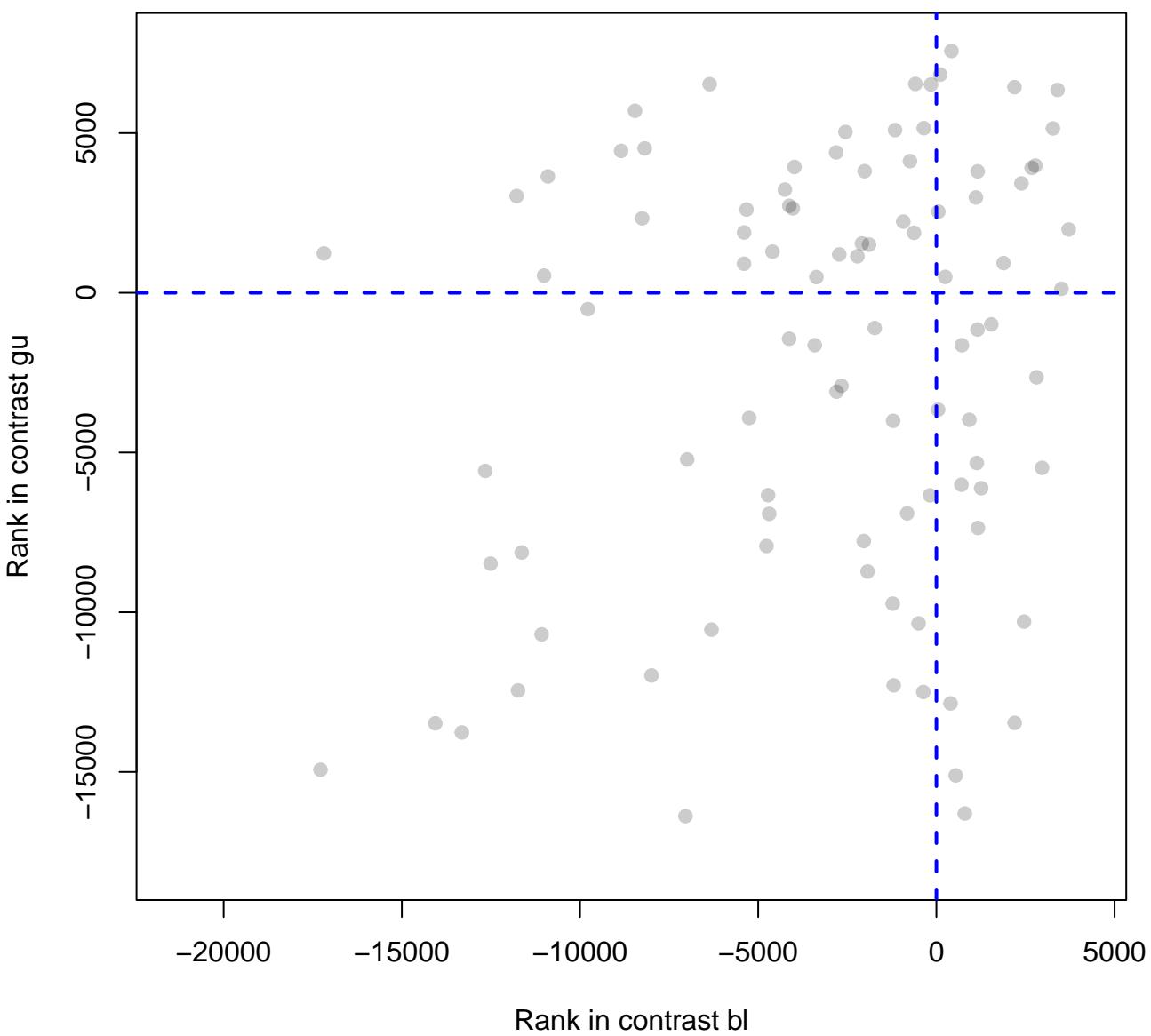
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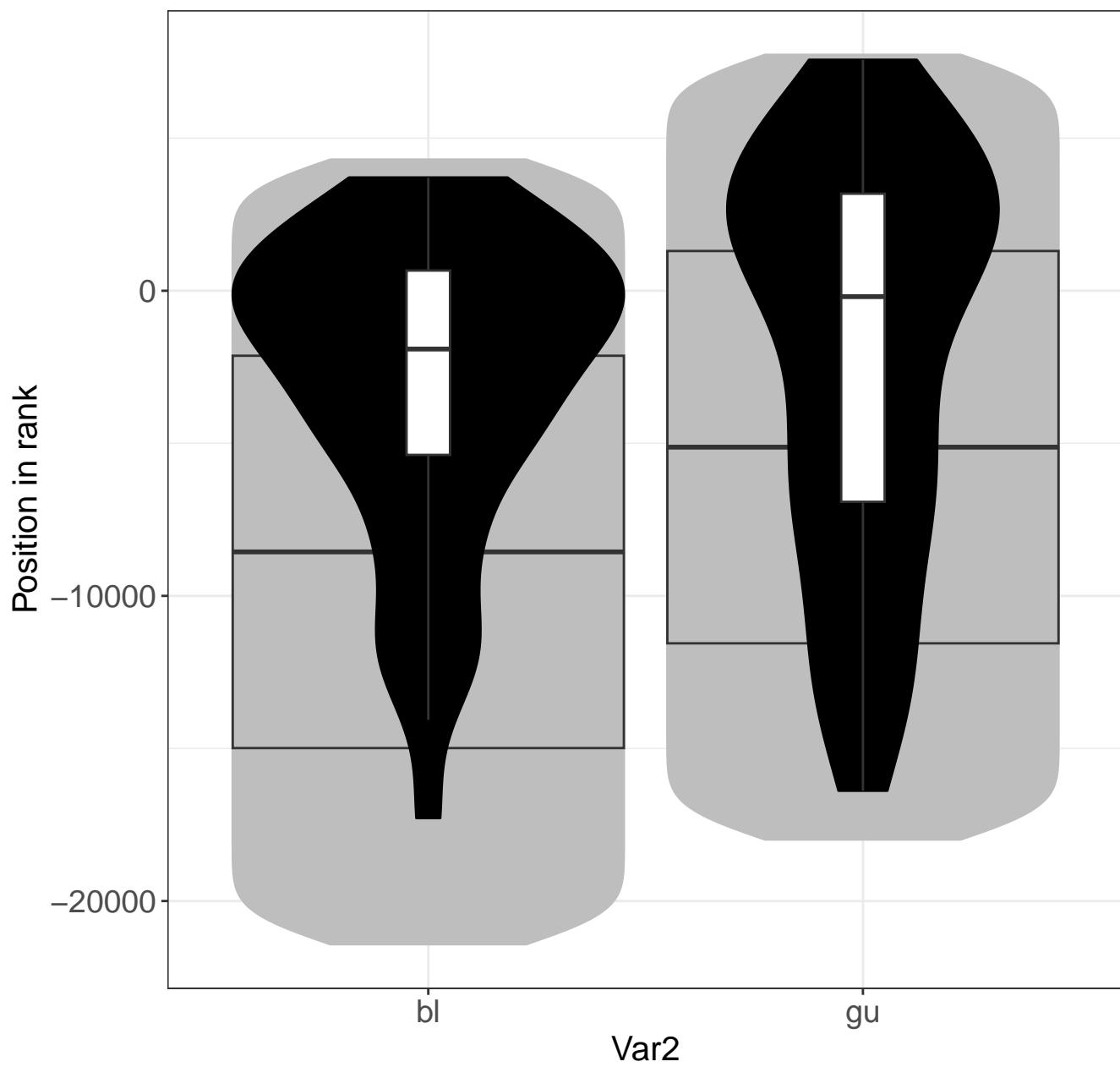
Formation of a pool of free 40S subunits



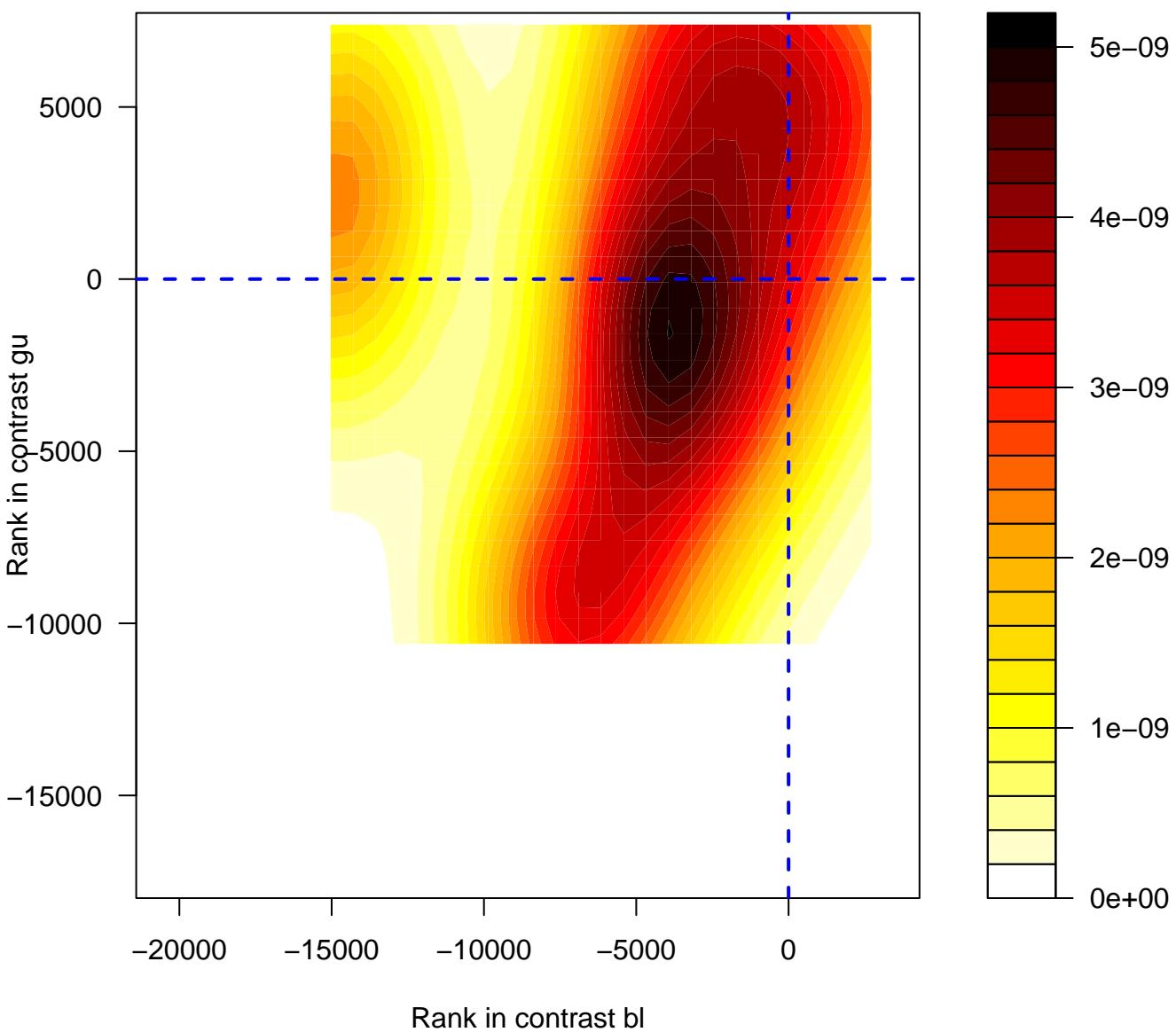
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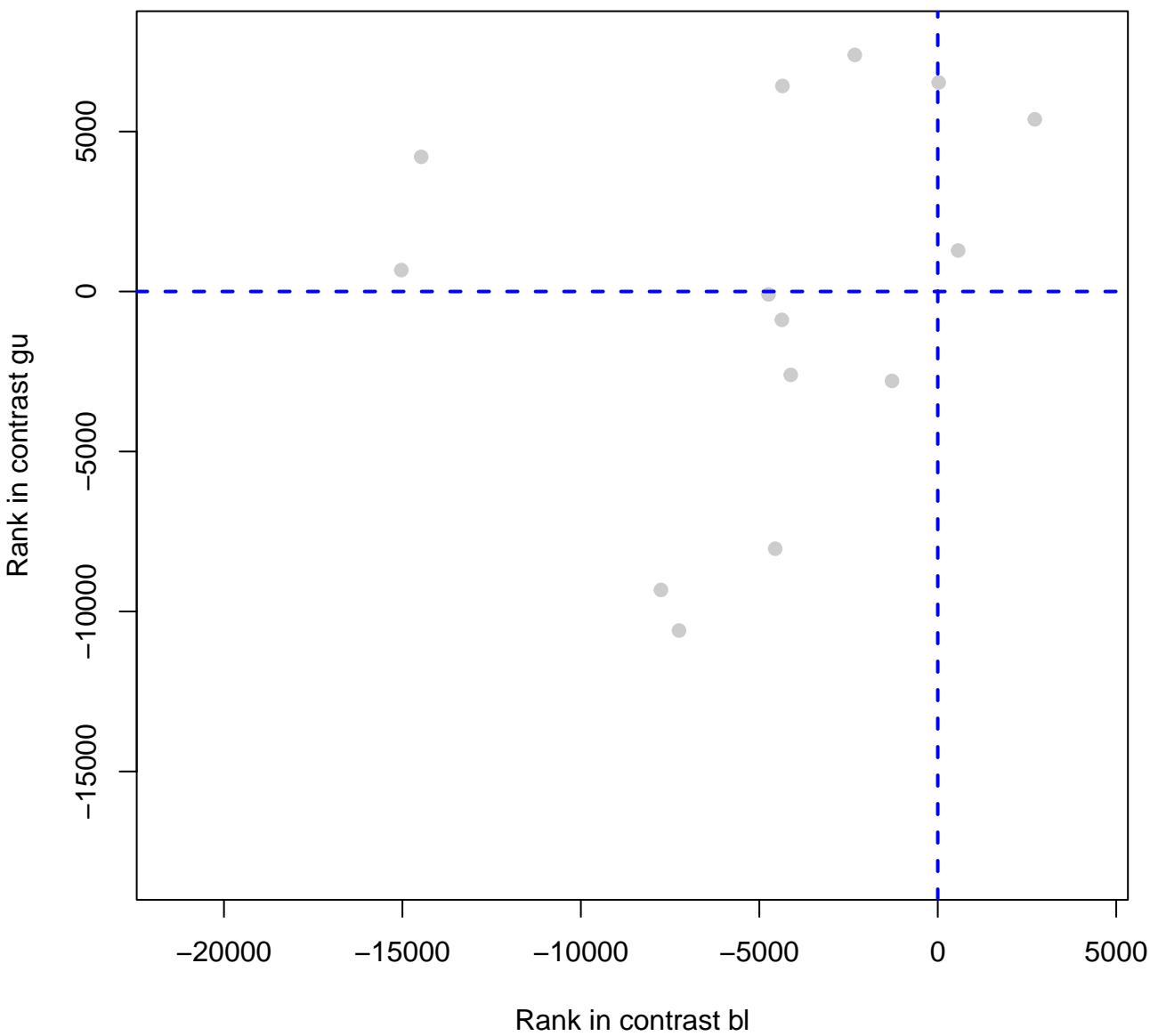
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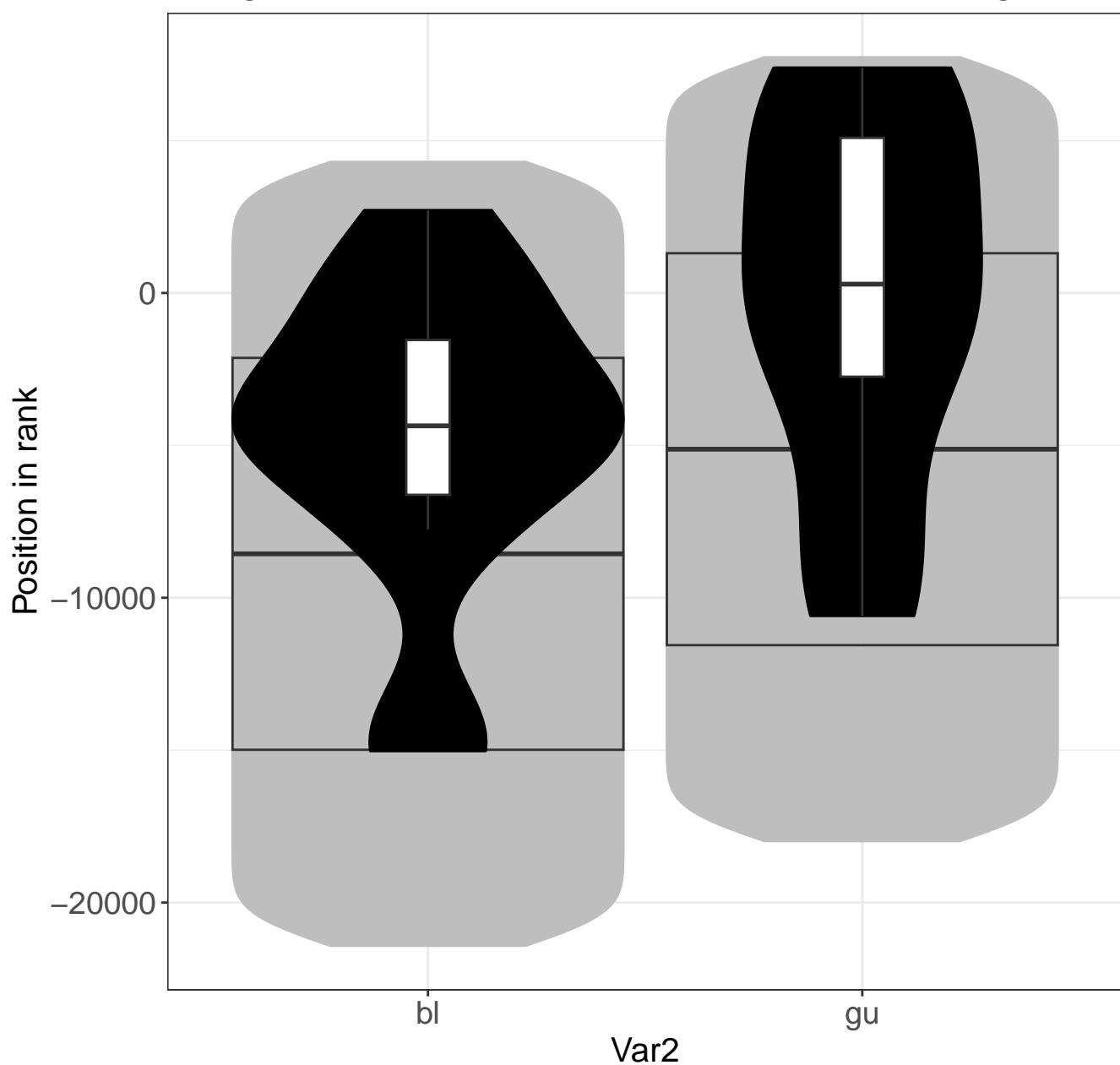
Golgi Cisternae Pericentriolar Stack Reorganization



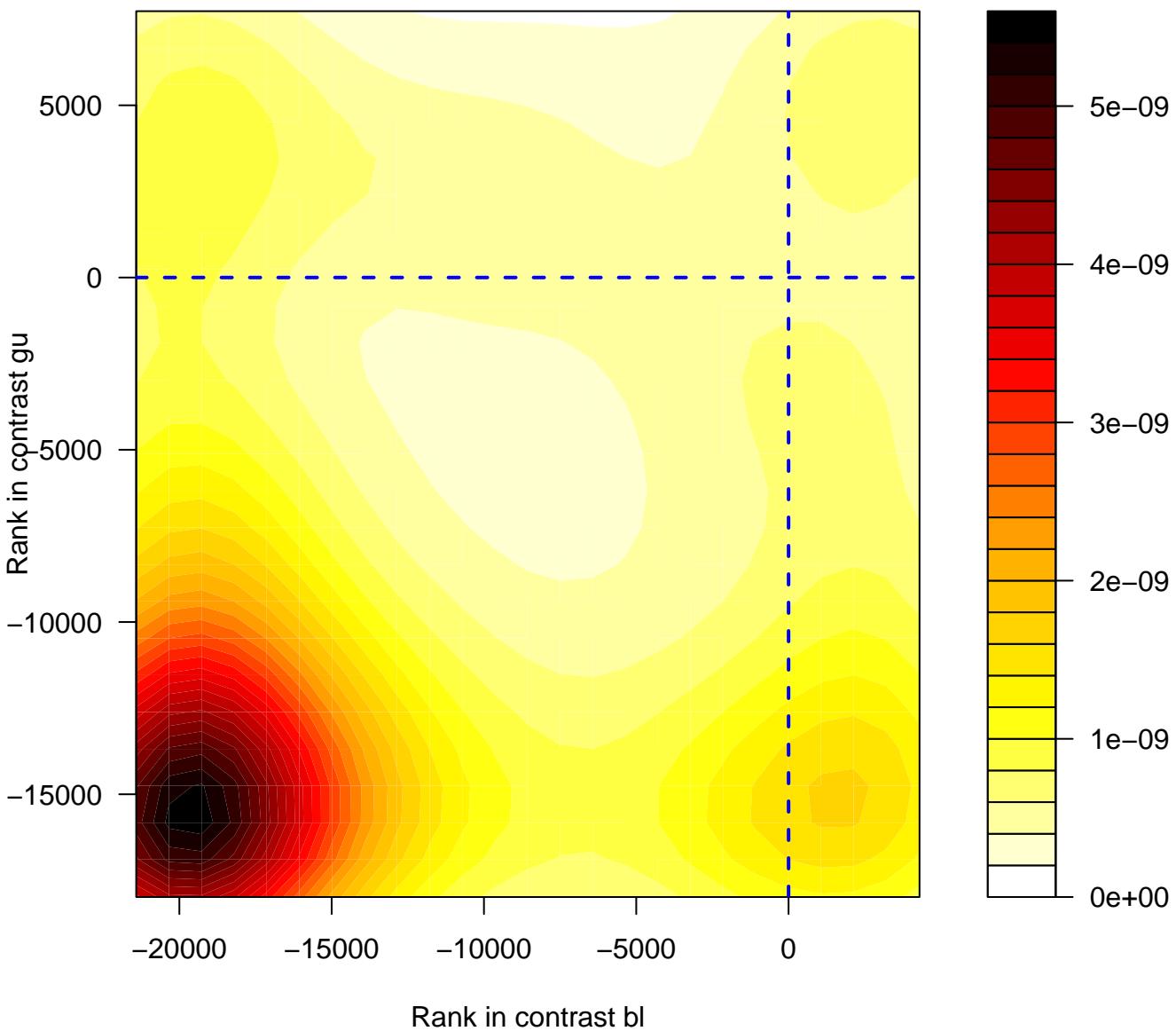
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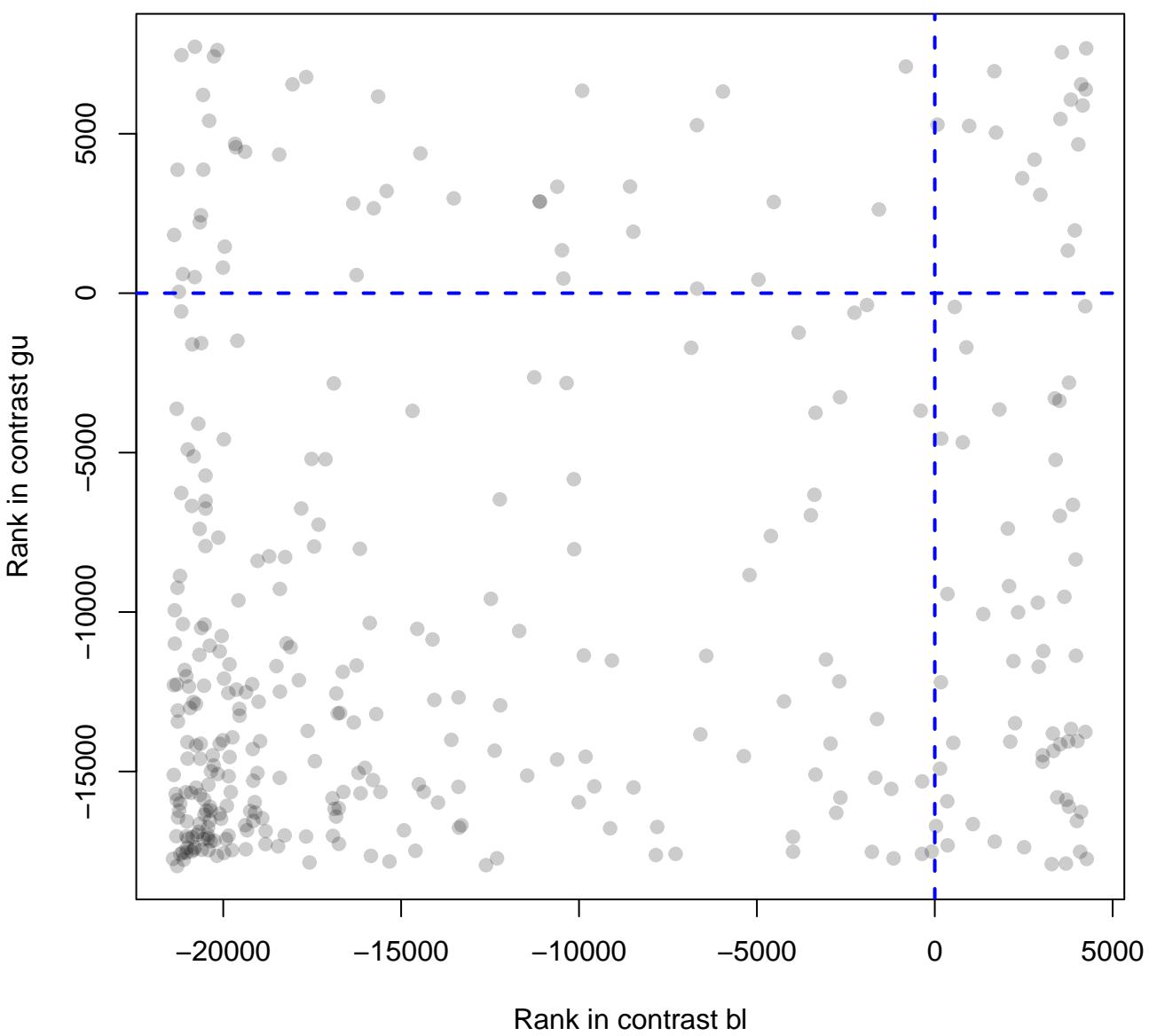
Golgi Cisternae Pericentriolar Stack Reorganization



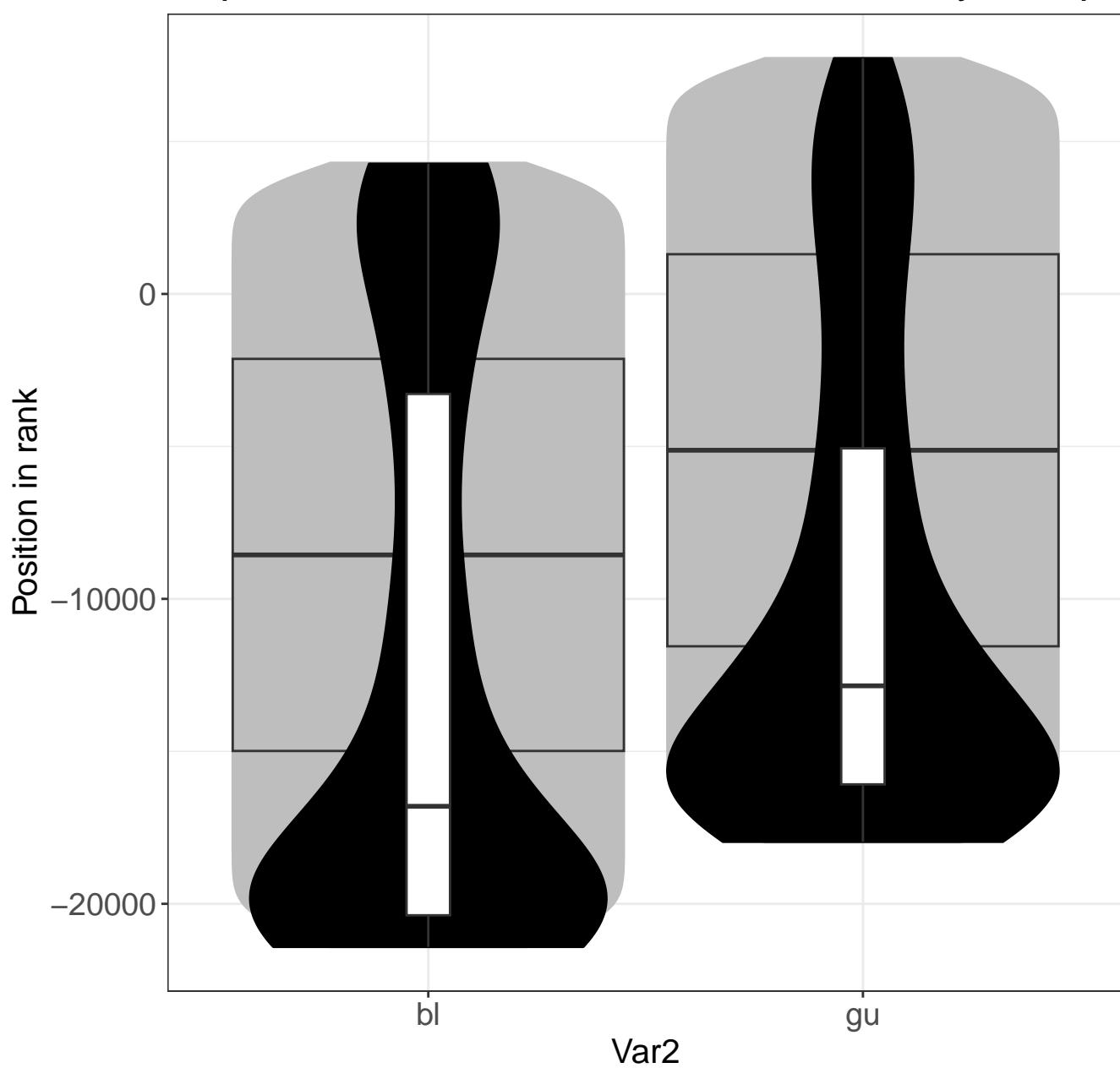
Expression and translocation of olfactory receptors



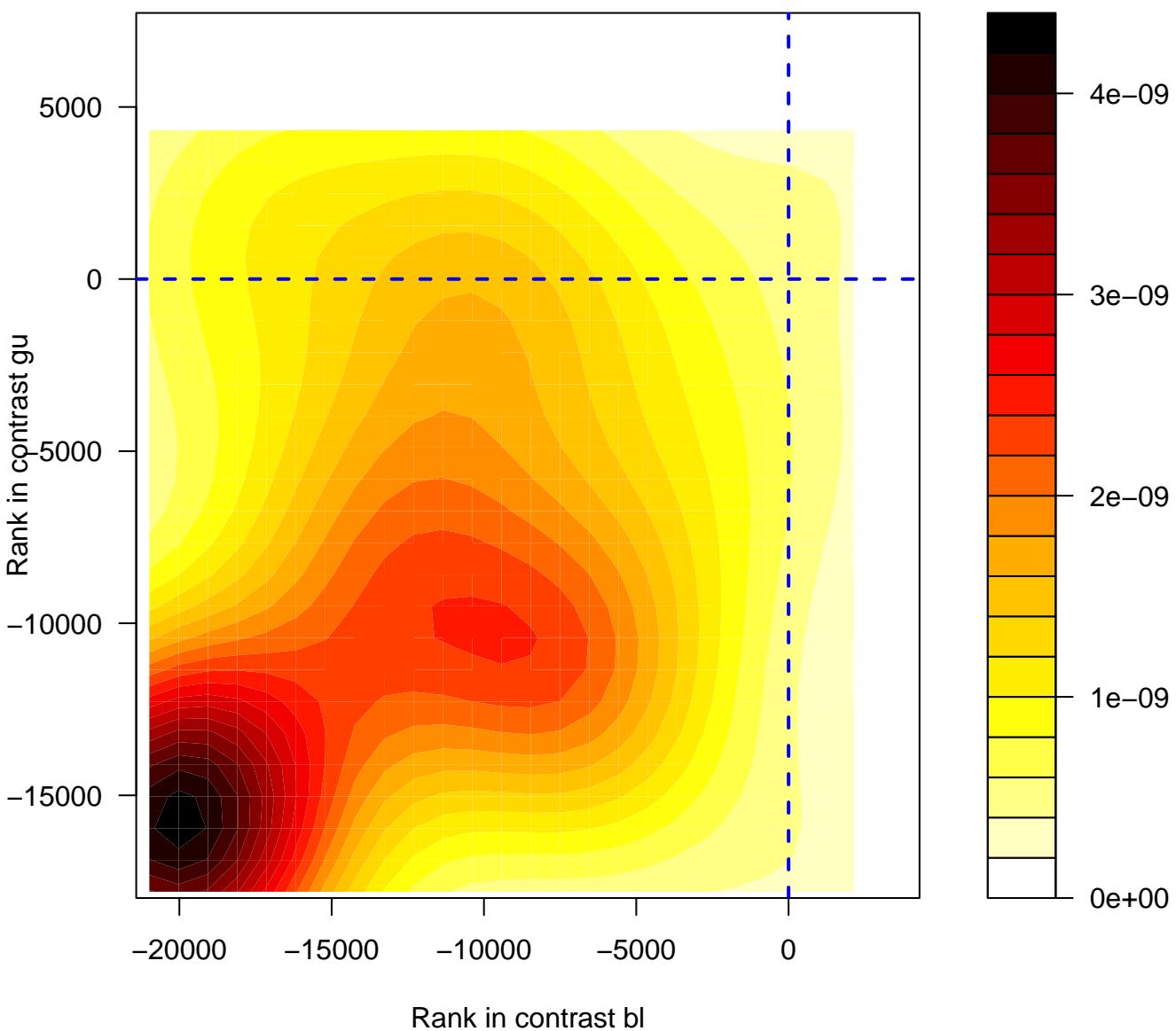
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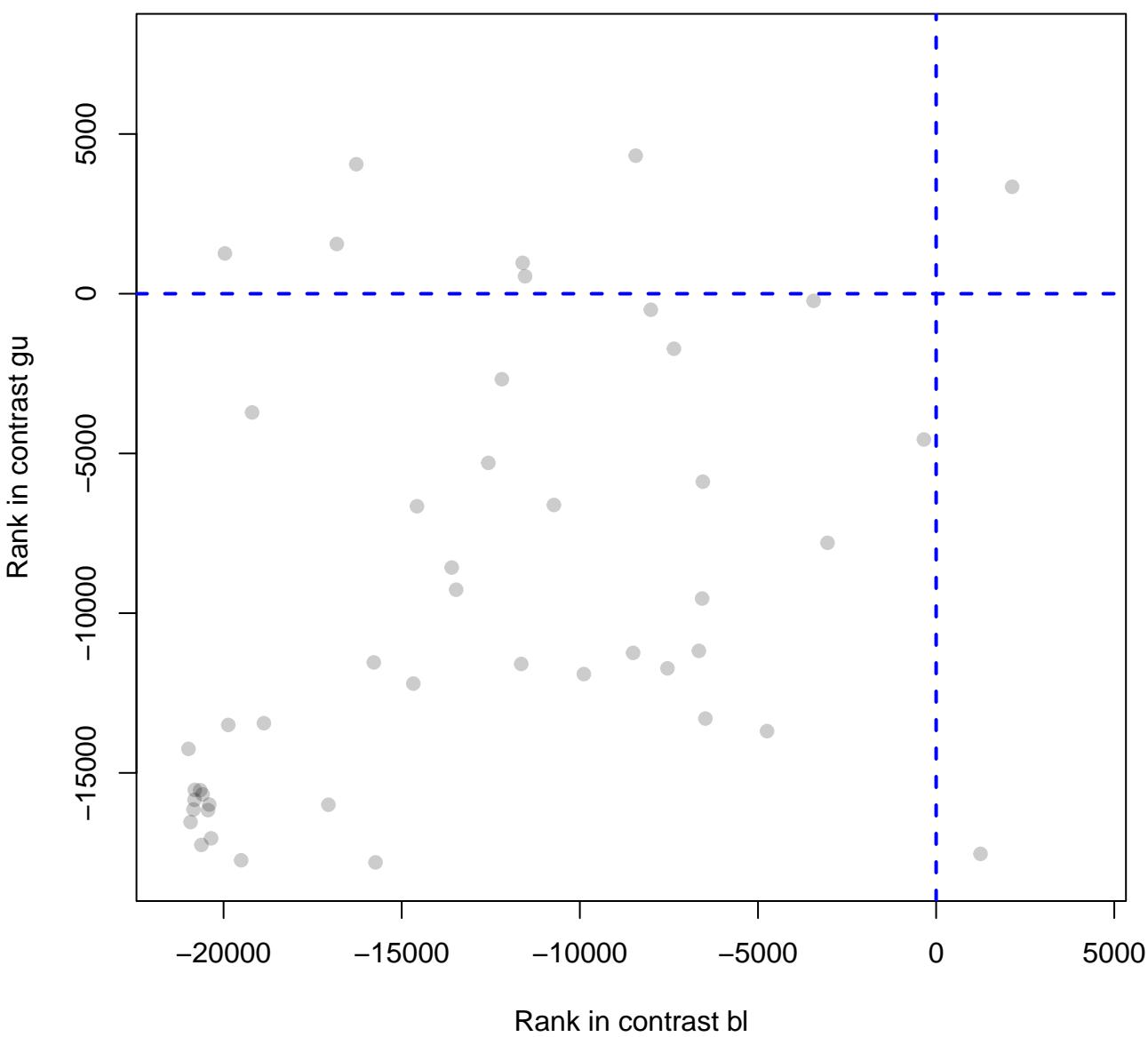
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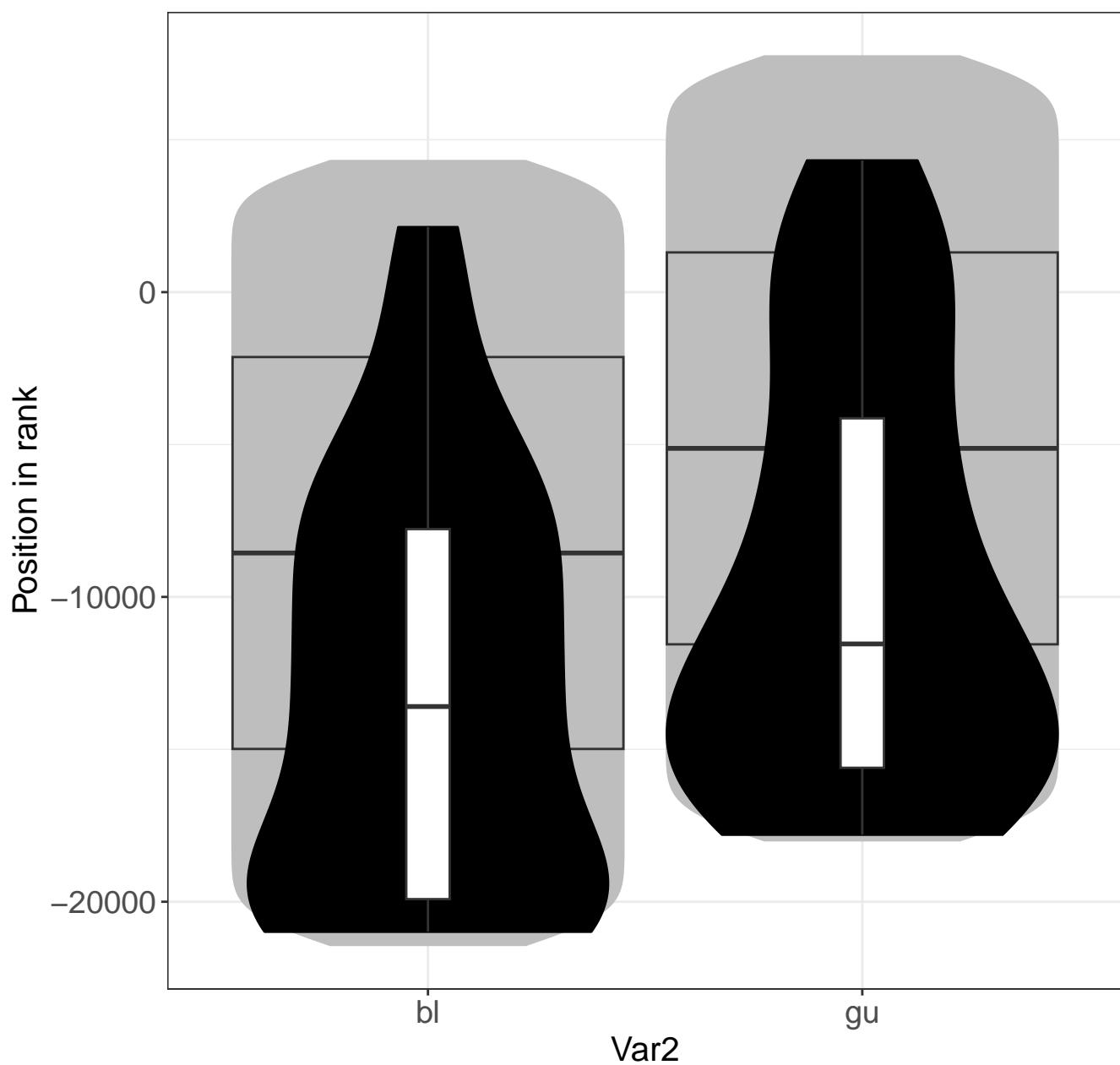
Sensory perception of taste



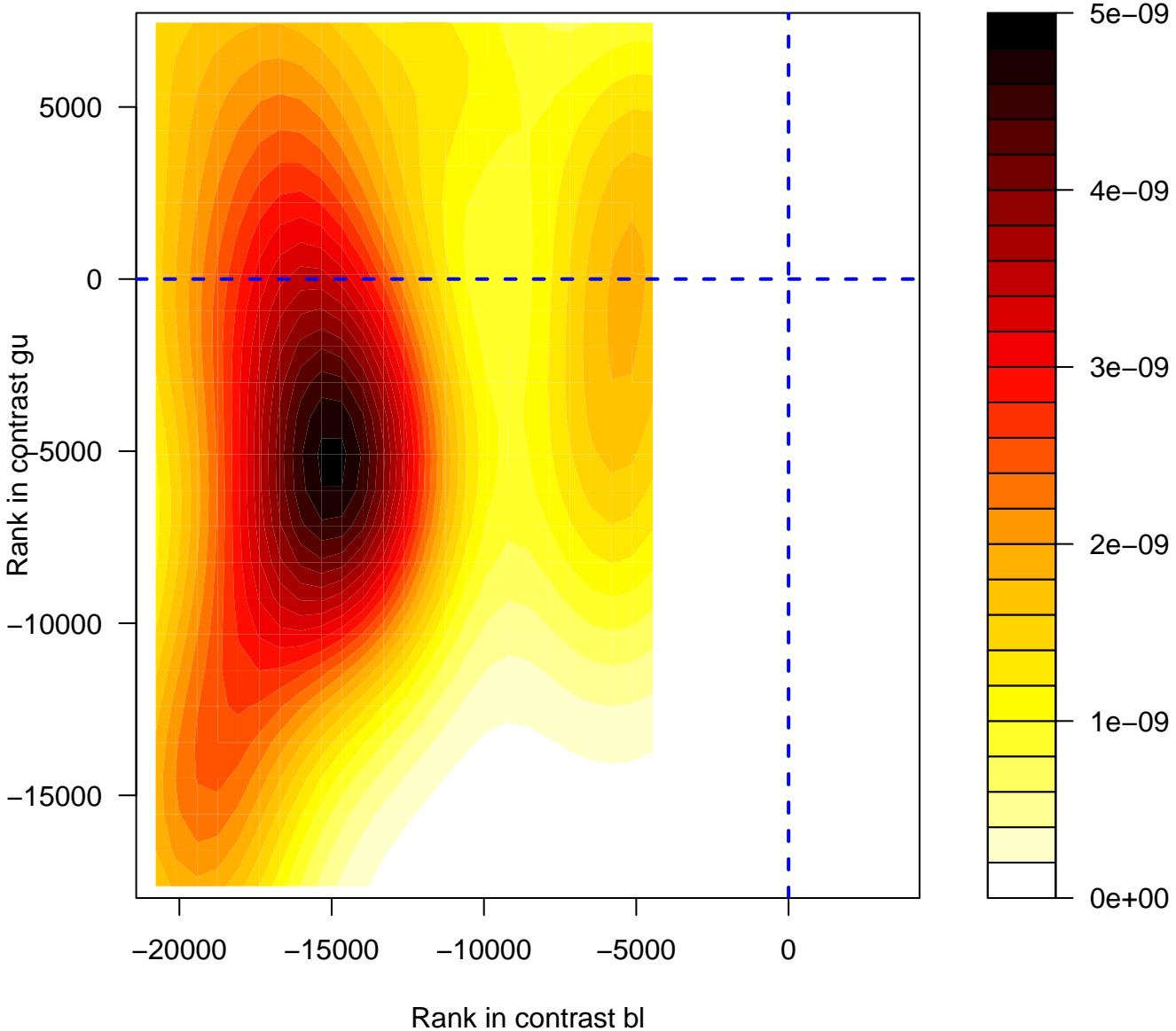
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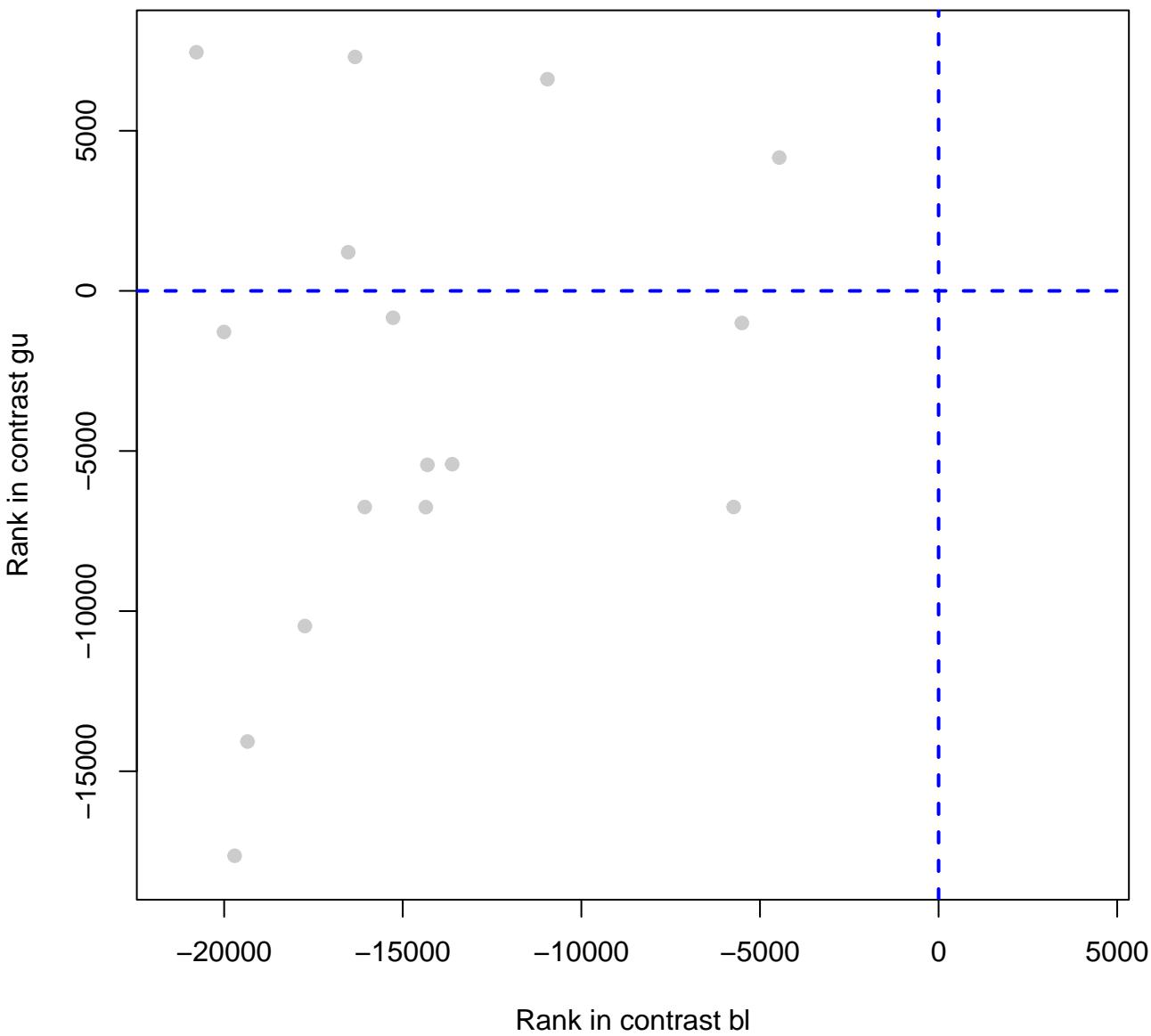
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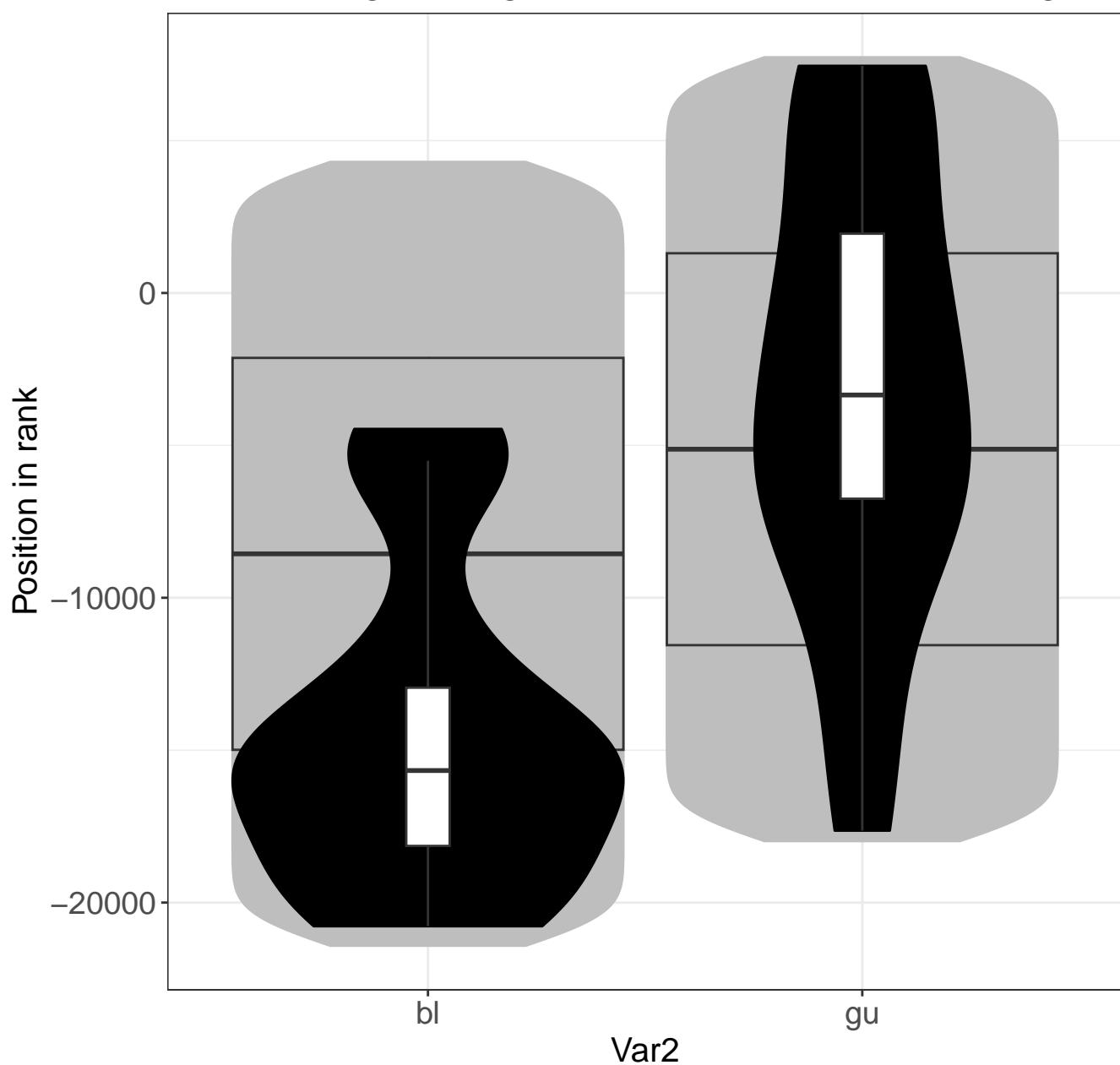
Competing endogenous RNAs (ceRNAs) regulate PTEN translation



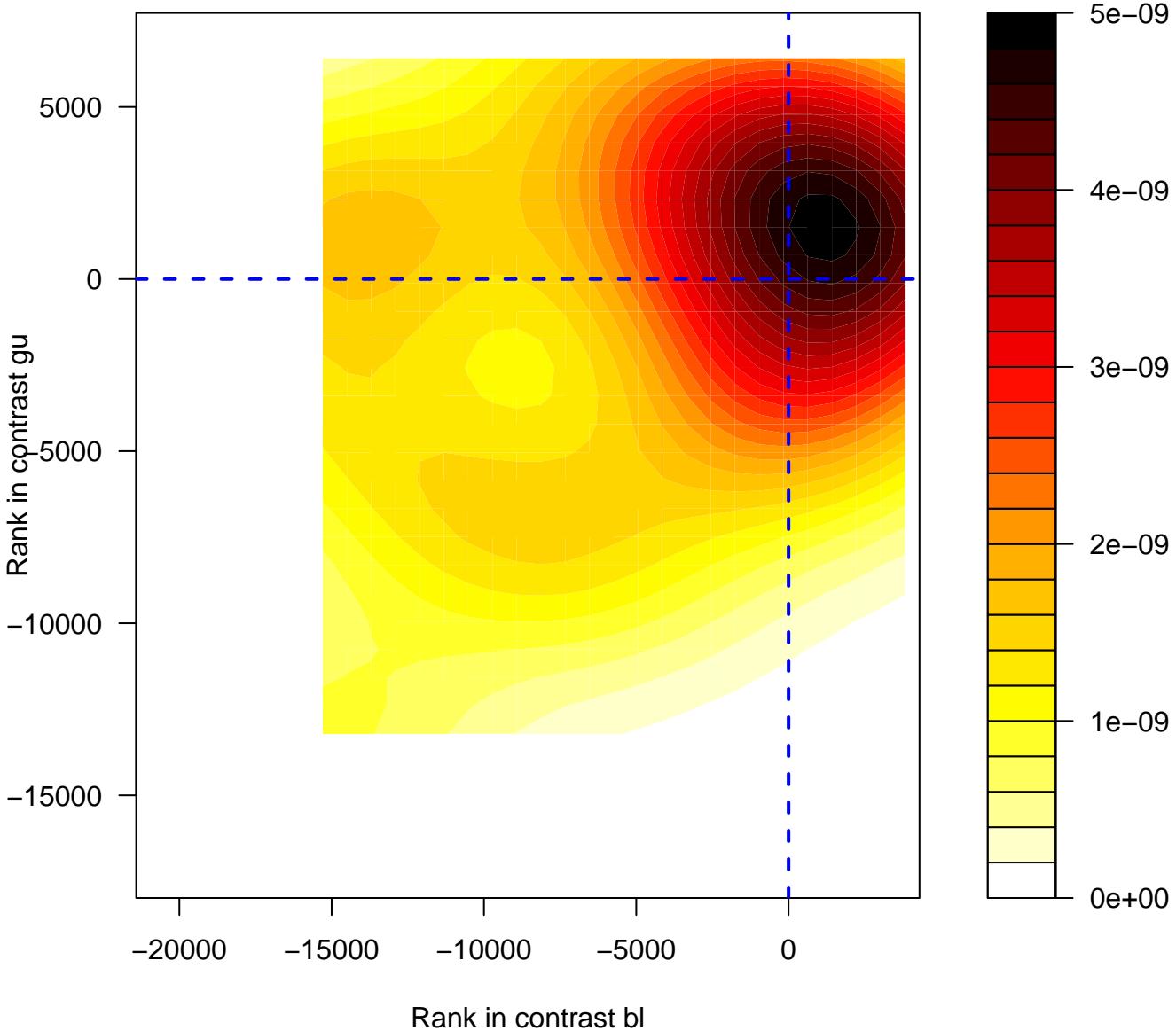
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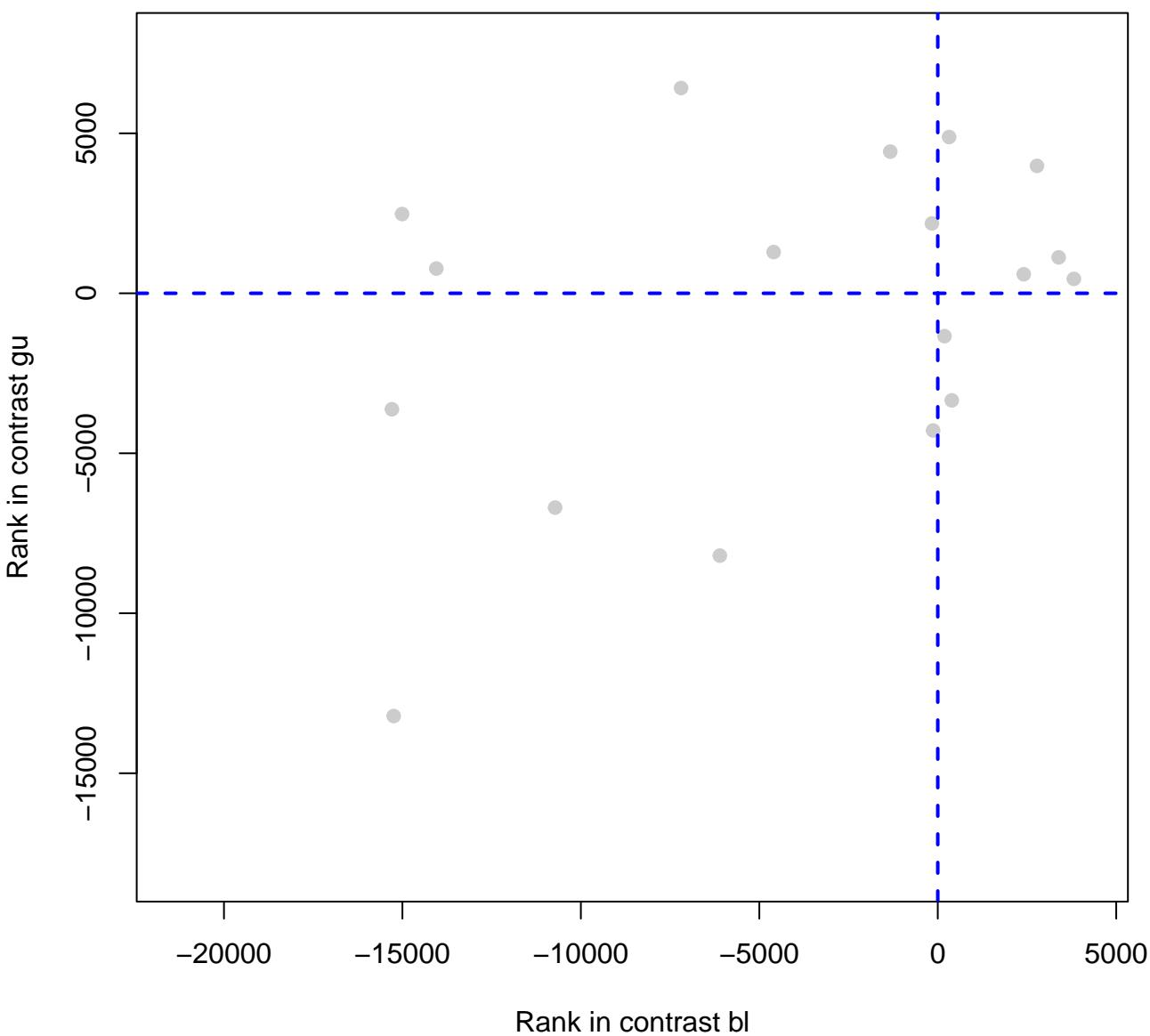
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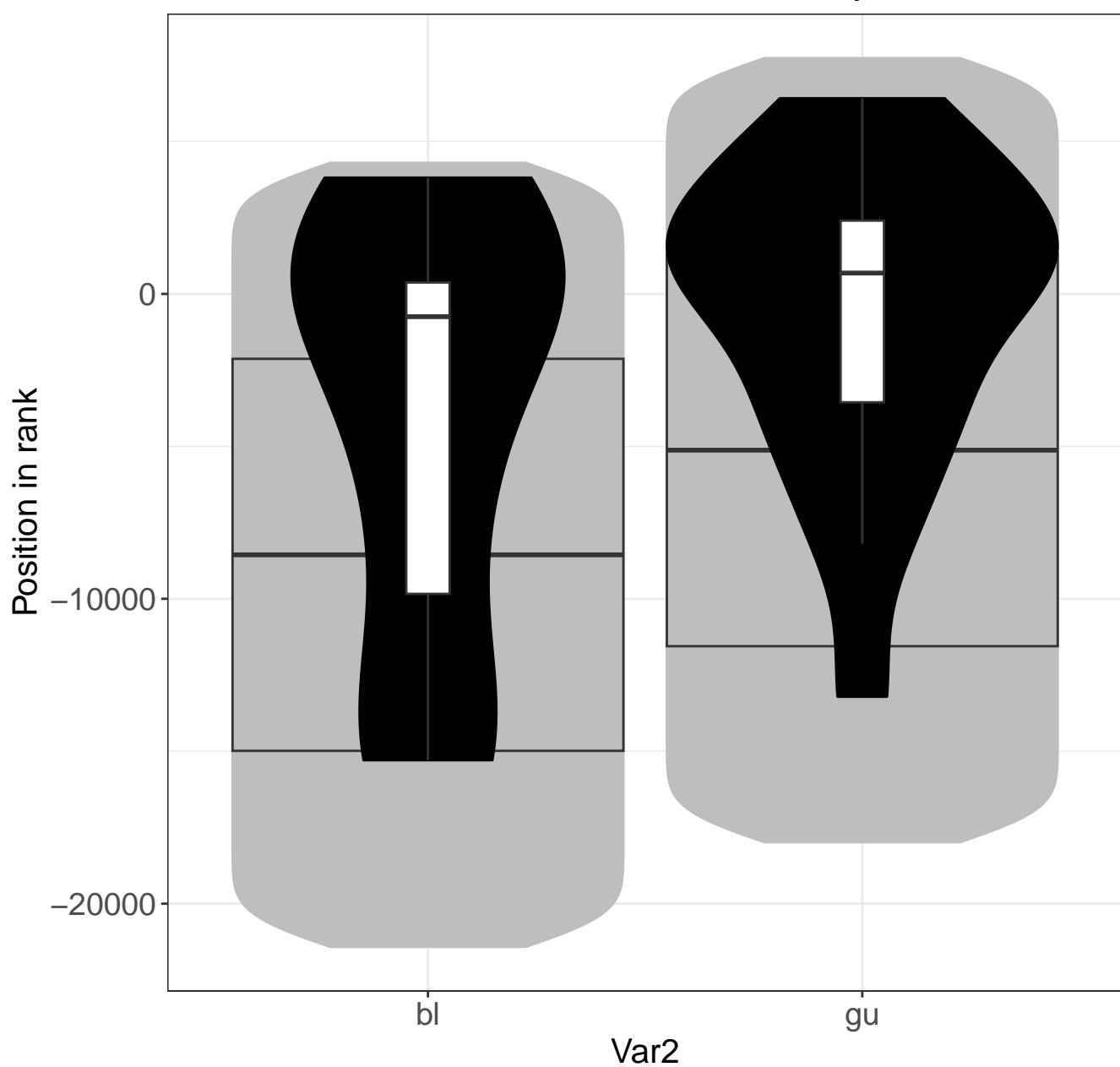
TICAM1, RIP1-mediated IKK complex recruitment



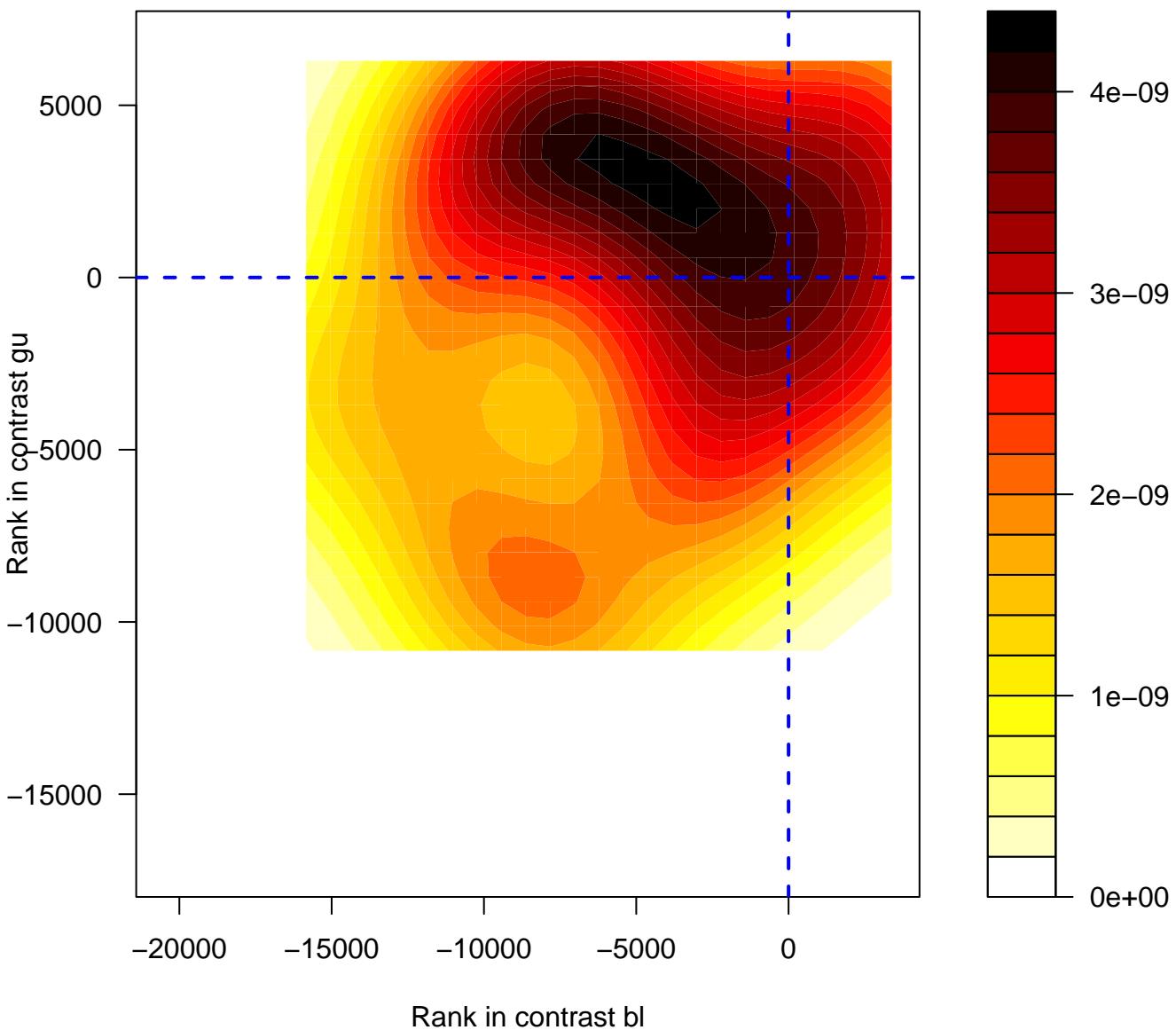
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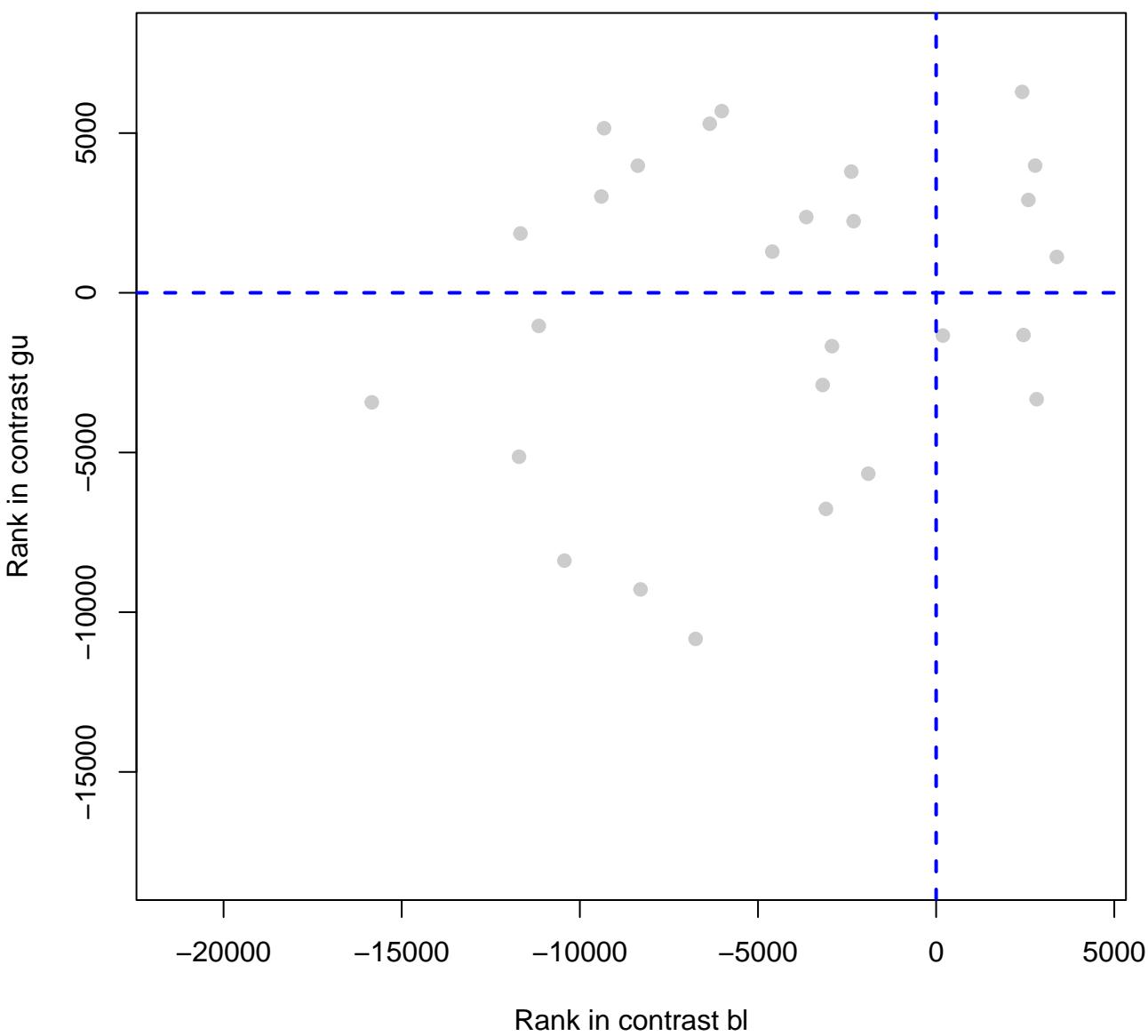
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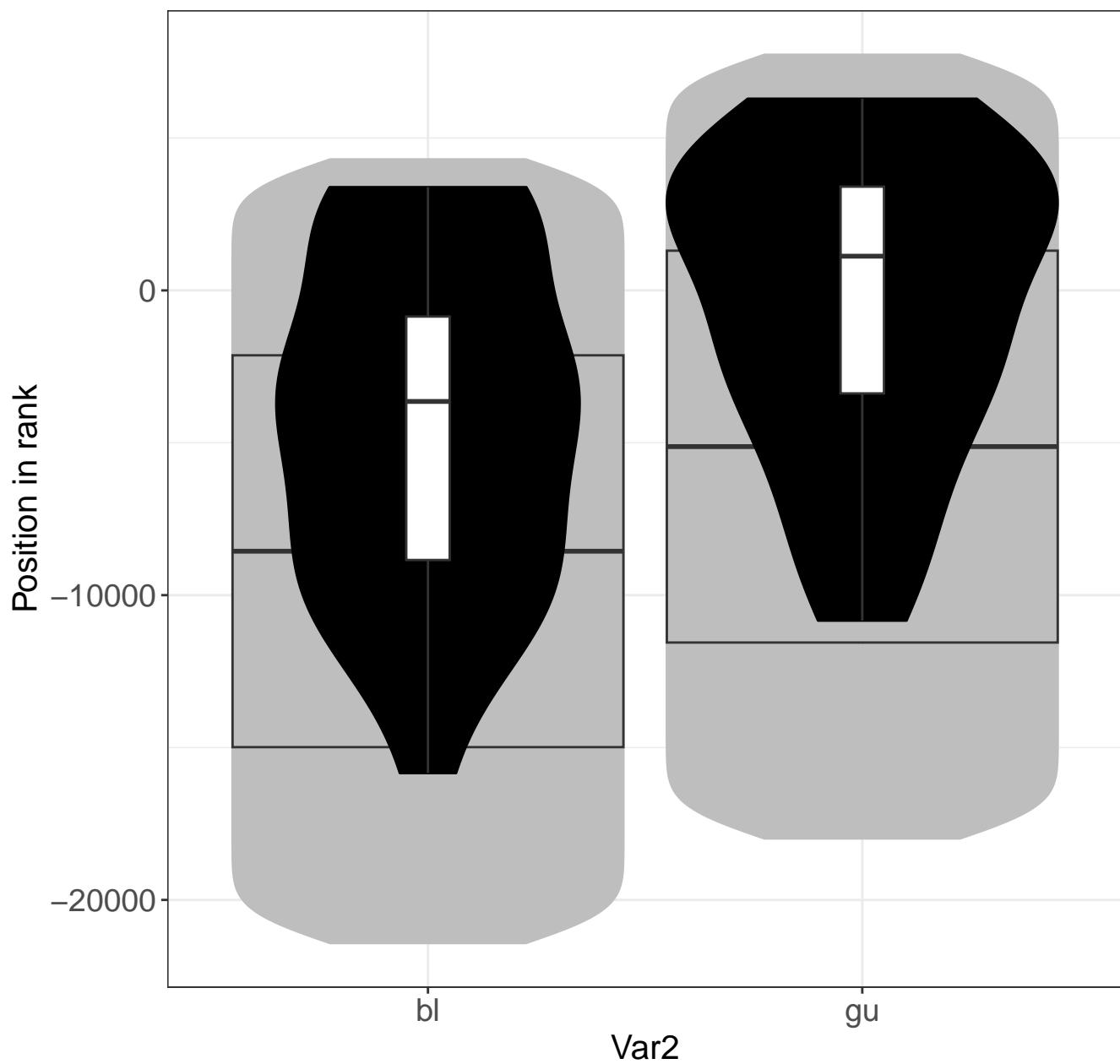
Mitophagy



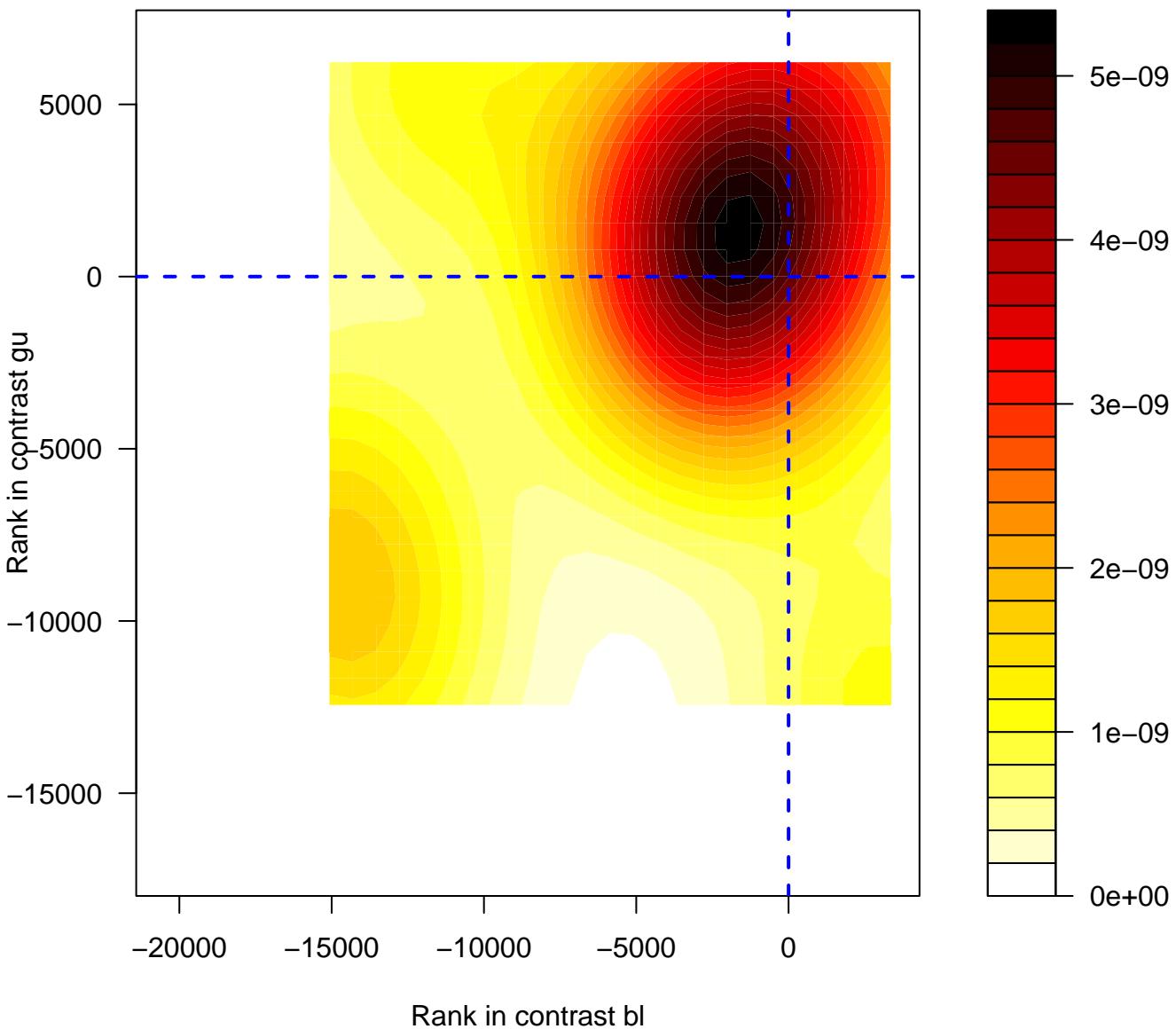
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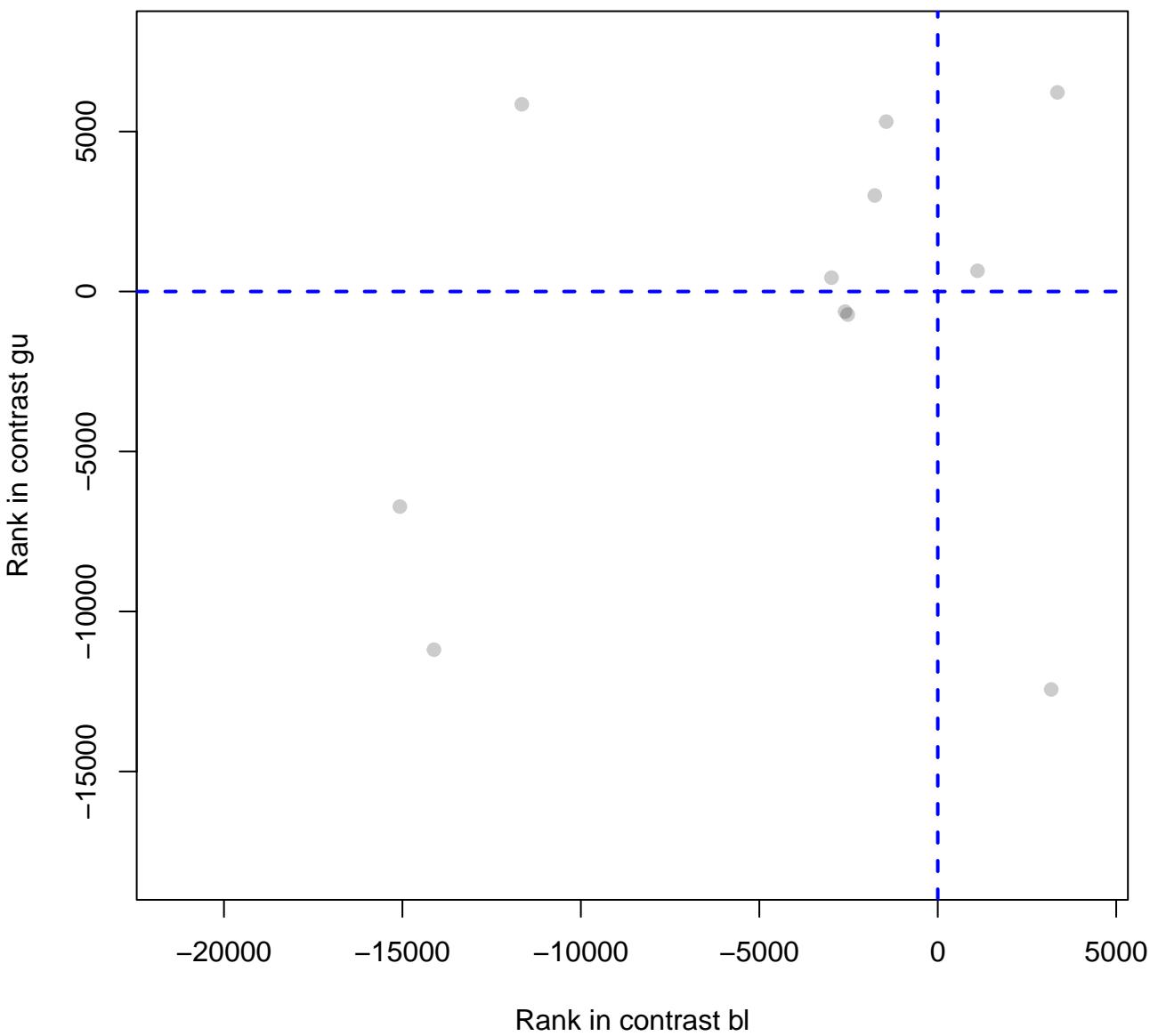
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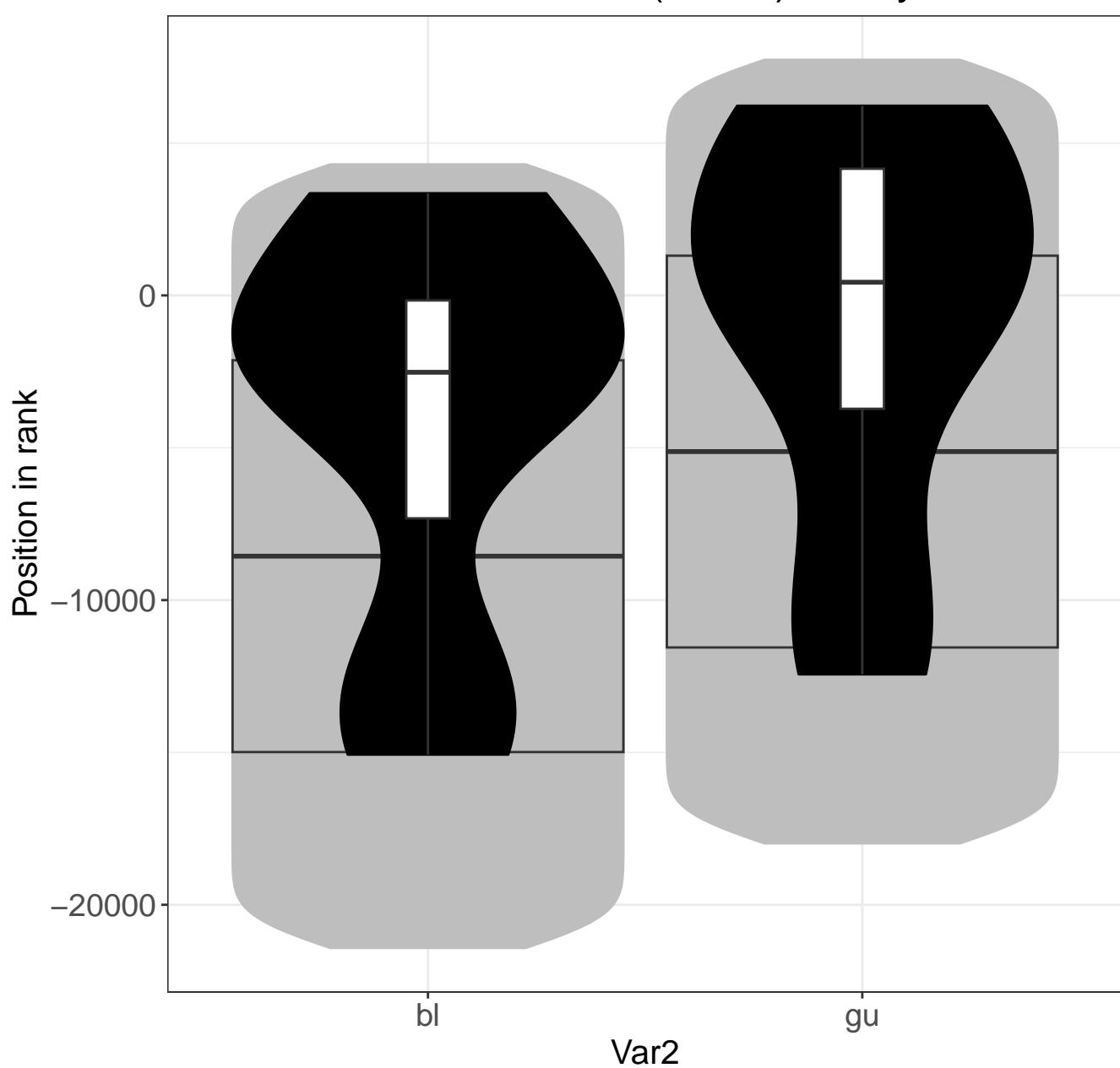
Activation of the TFAP2 (AP-2) family of transcription fact



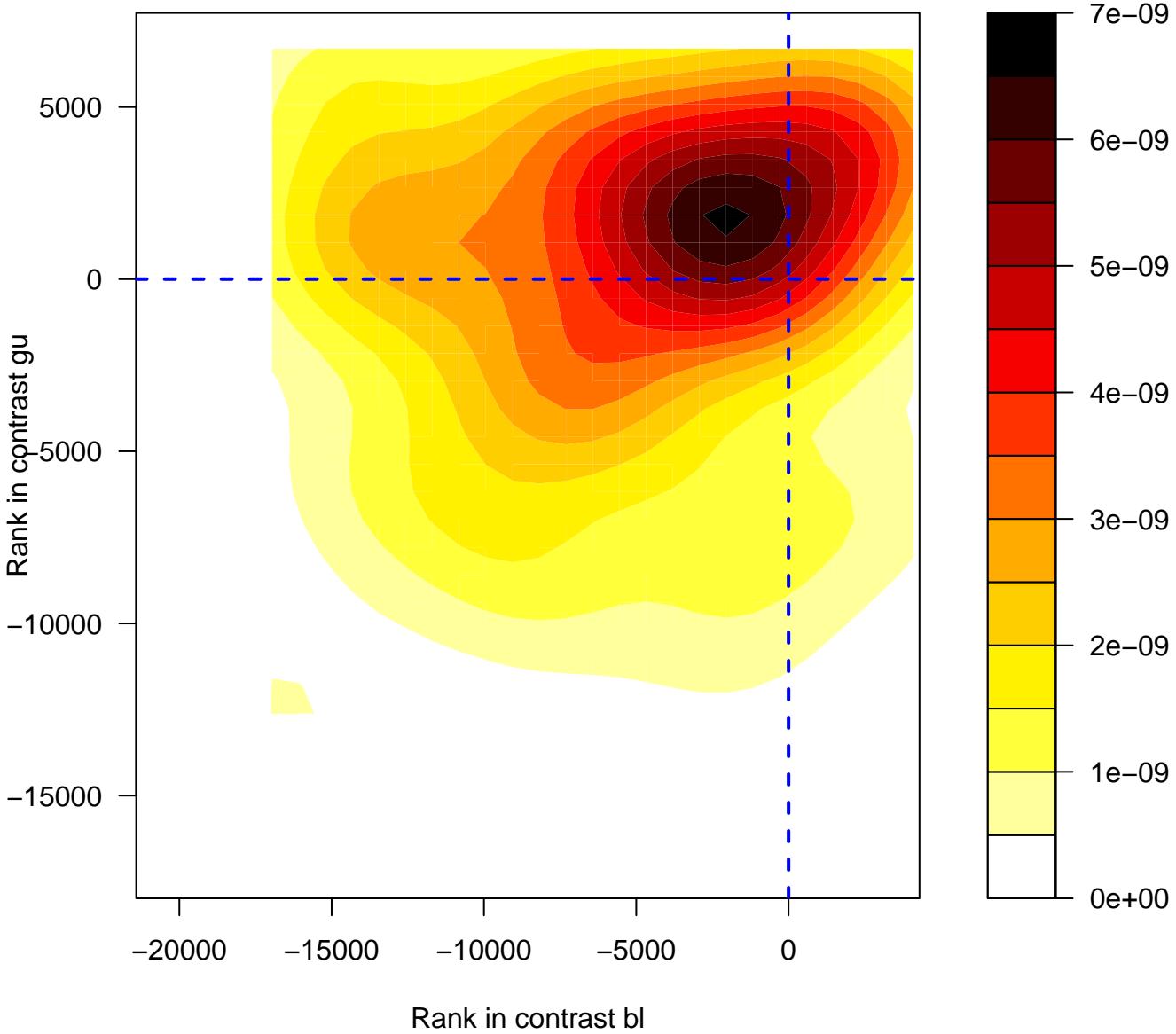
Activation of the TFAP2 (AP-2) family of transcription factors



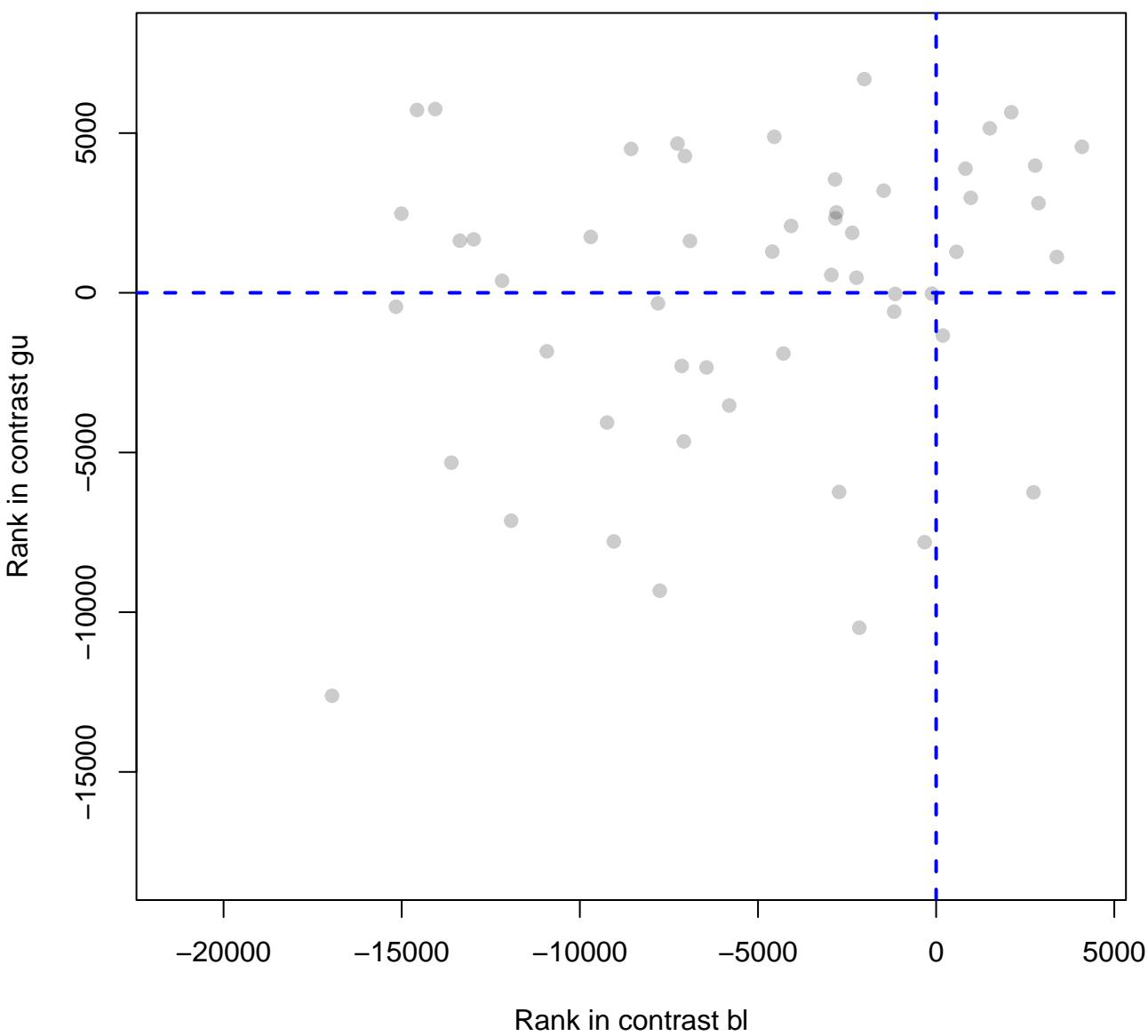
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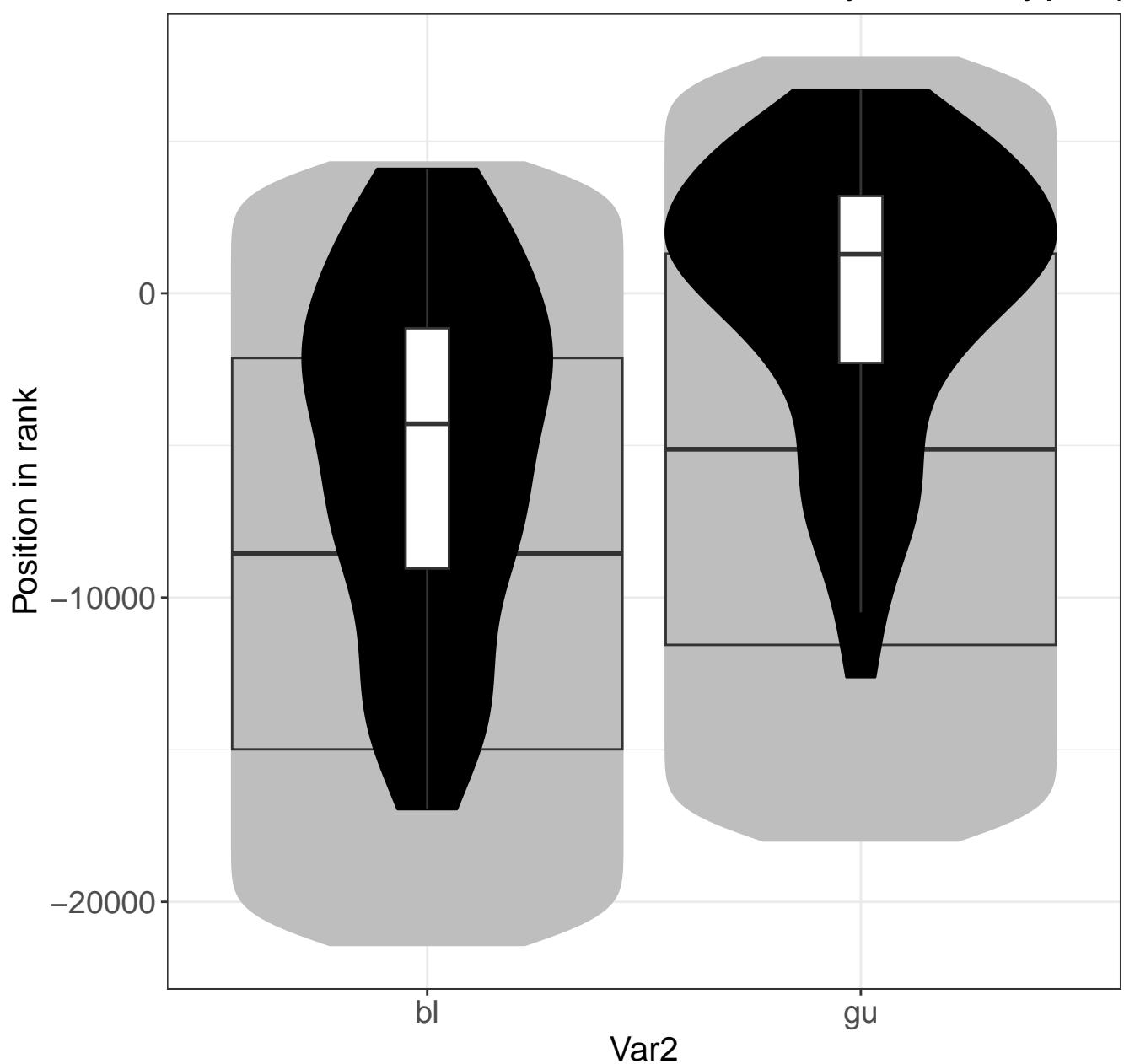
Senescence–Associated Secretory Phenotype (SASP)



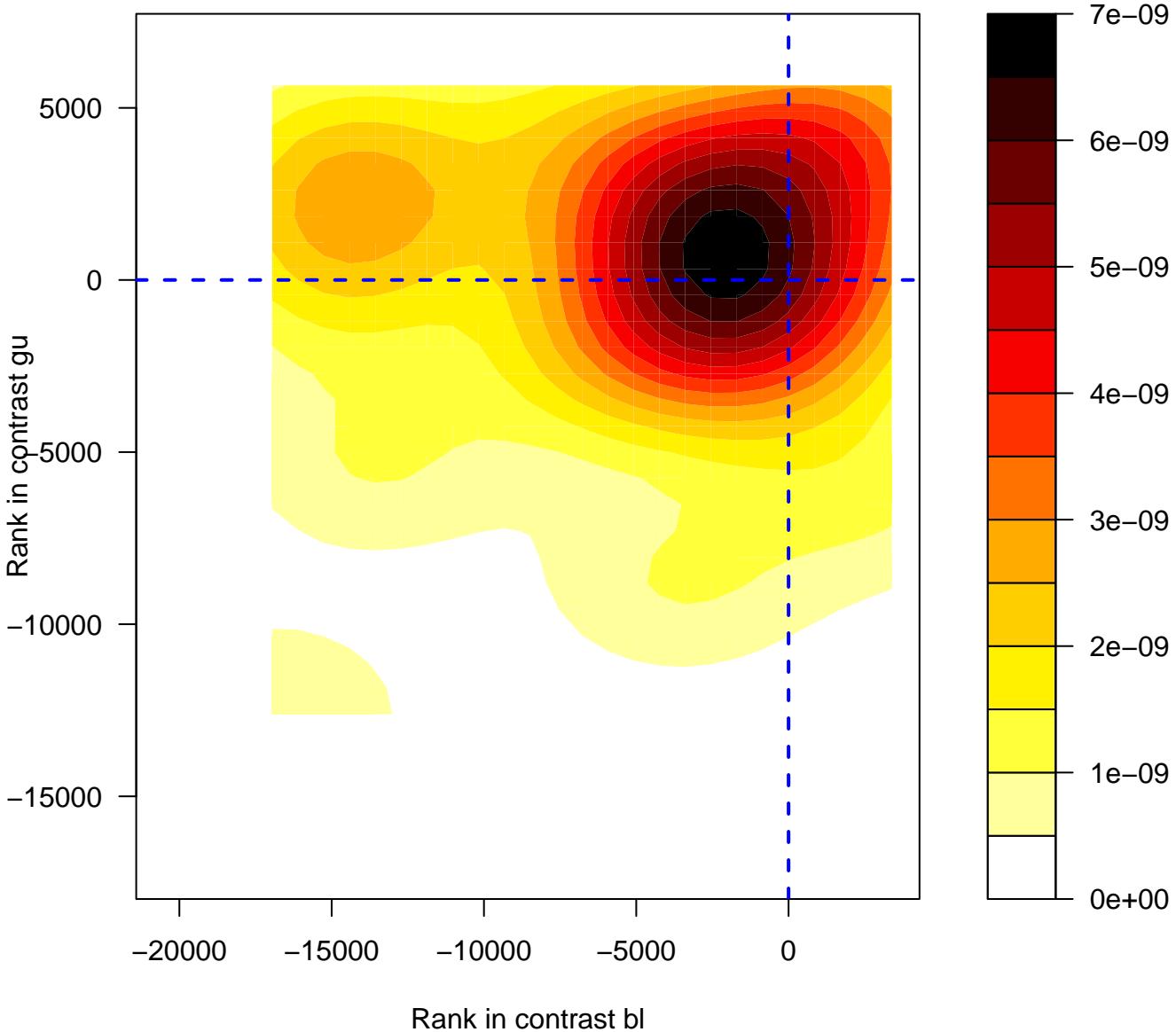
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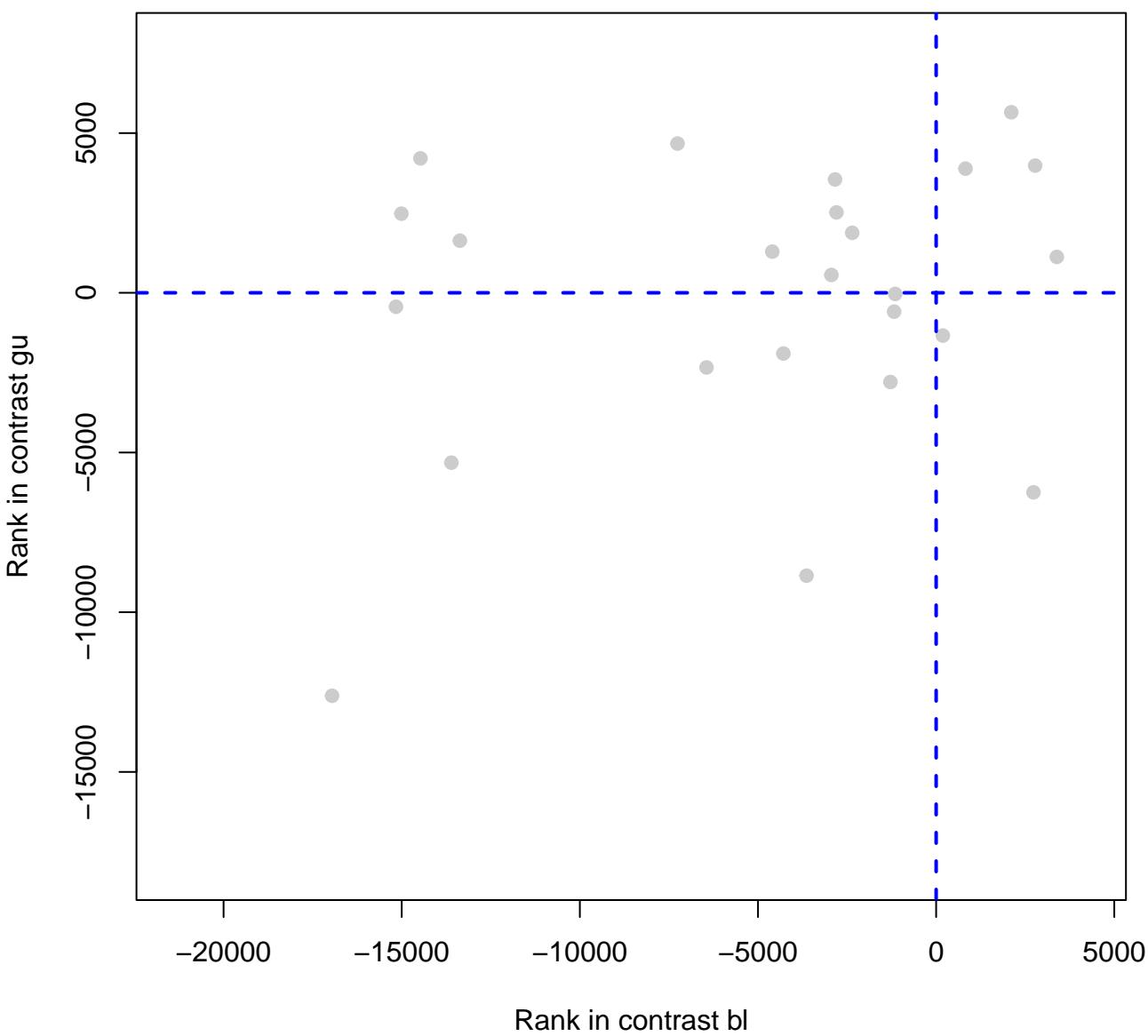
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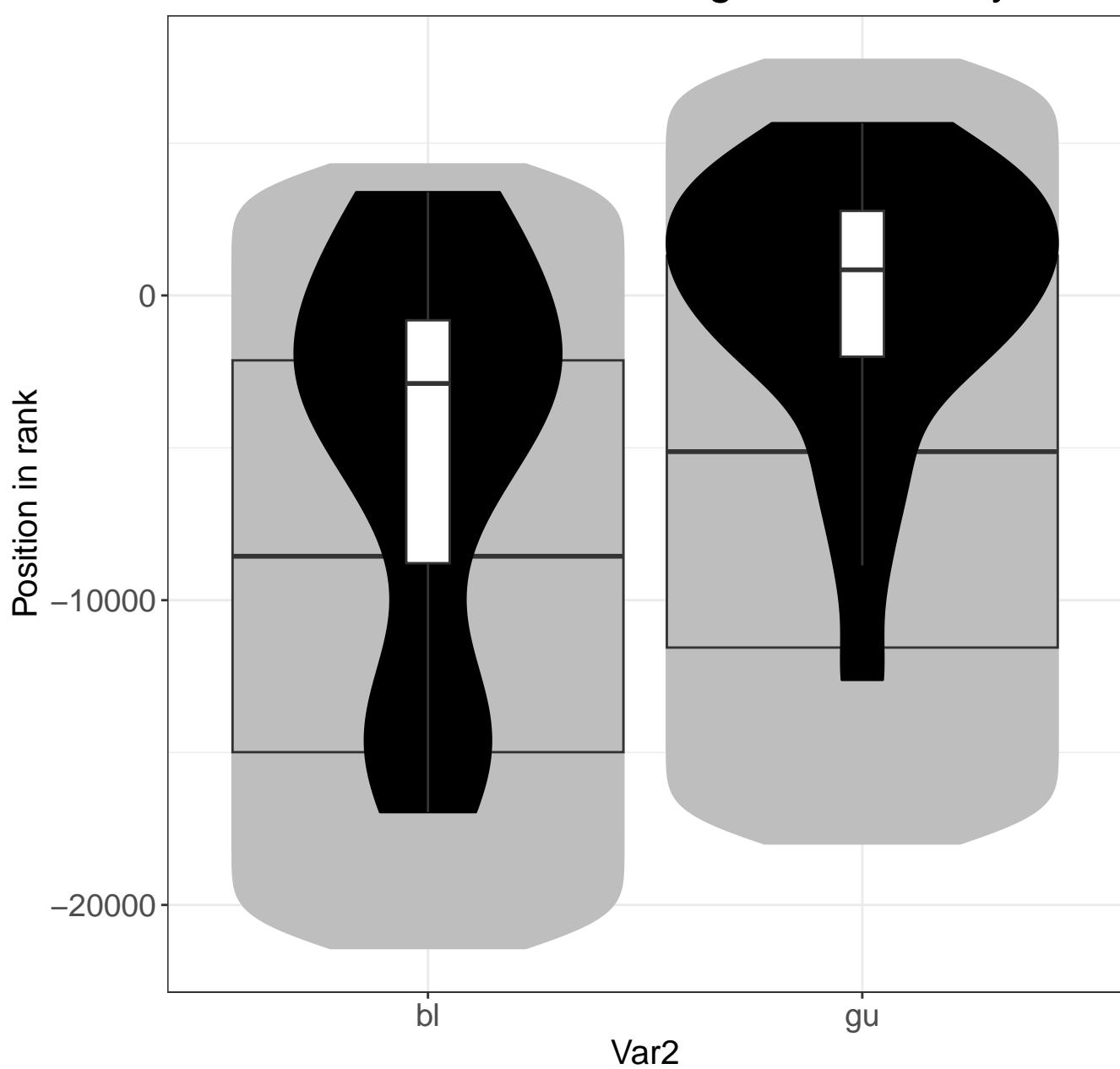
APC/C:Cdc20 mediated degradation of Cyclin B



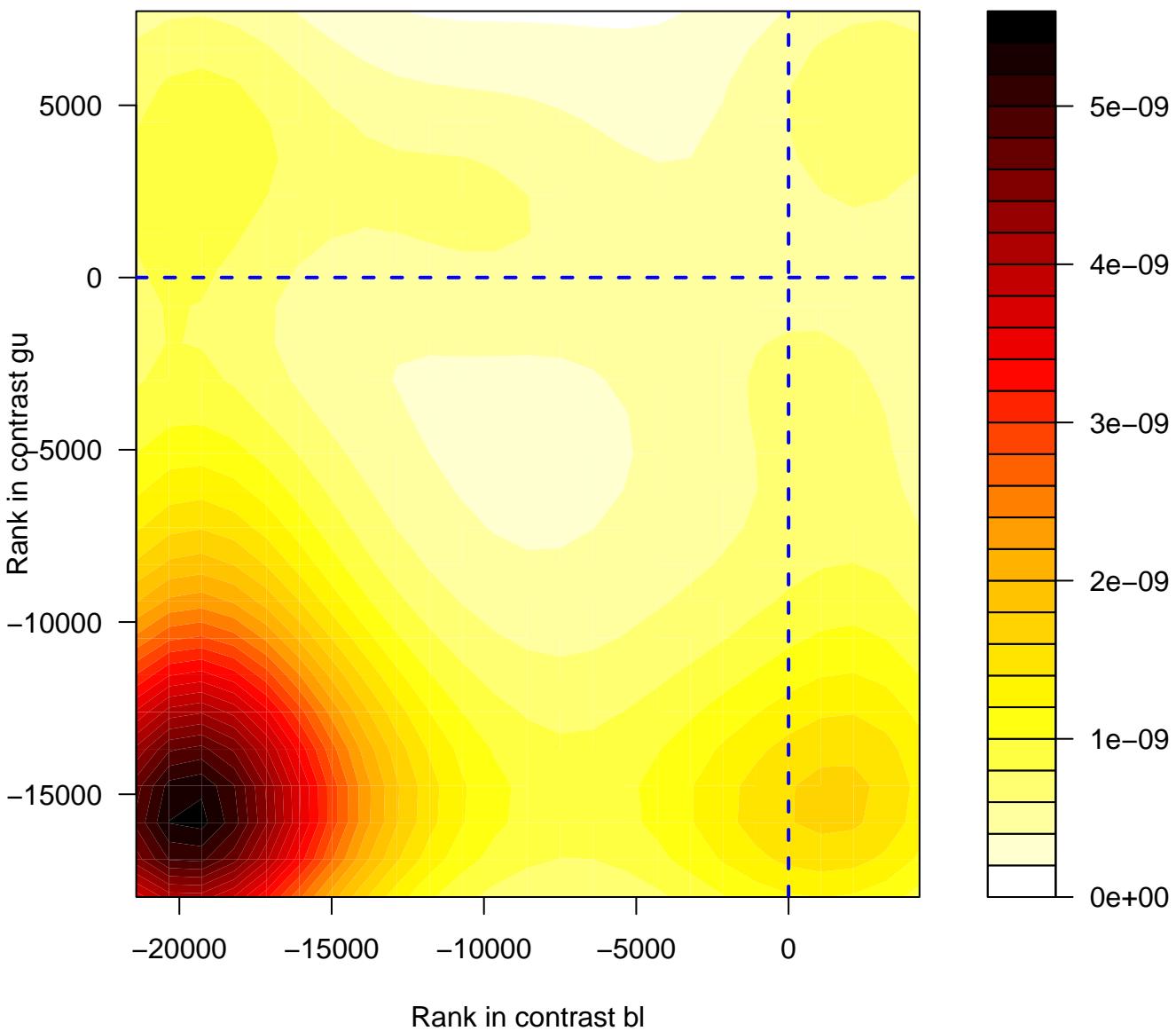
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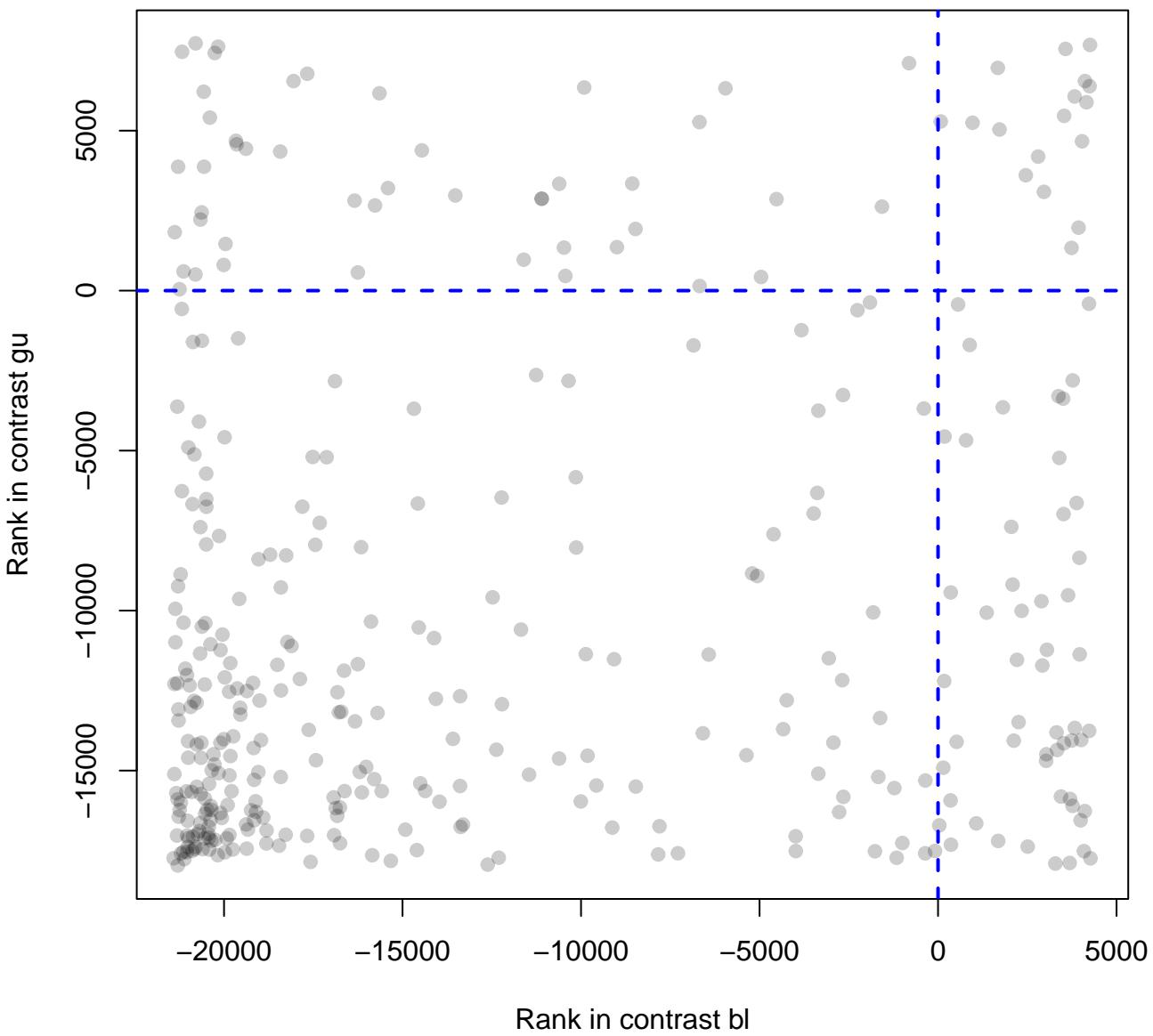
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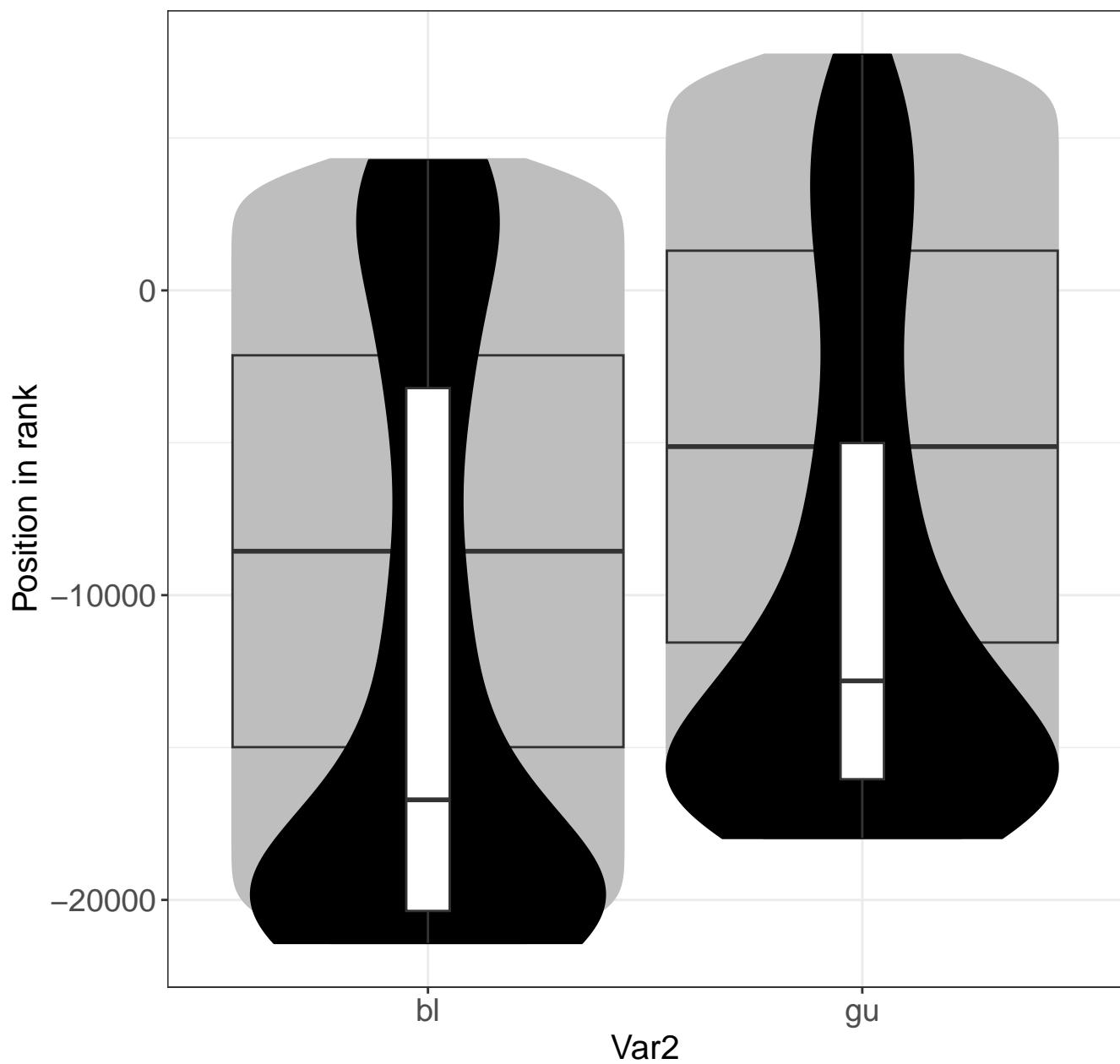
Olfactory Signaling Pathway



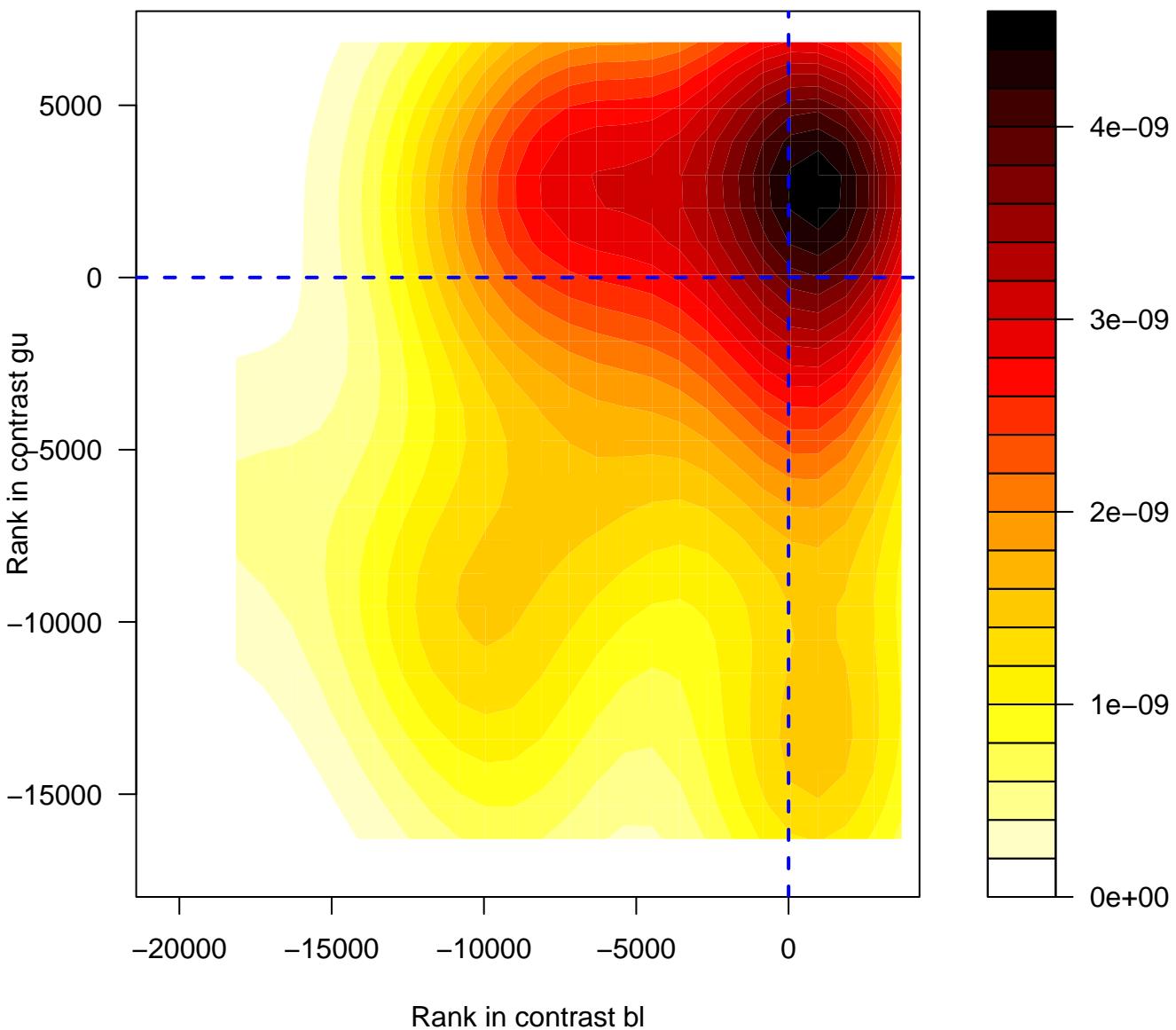
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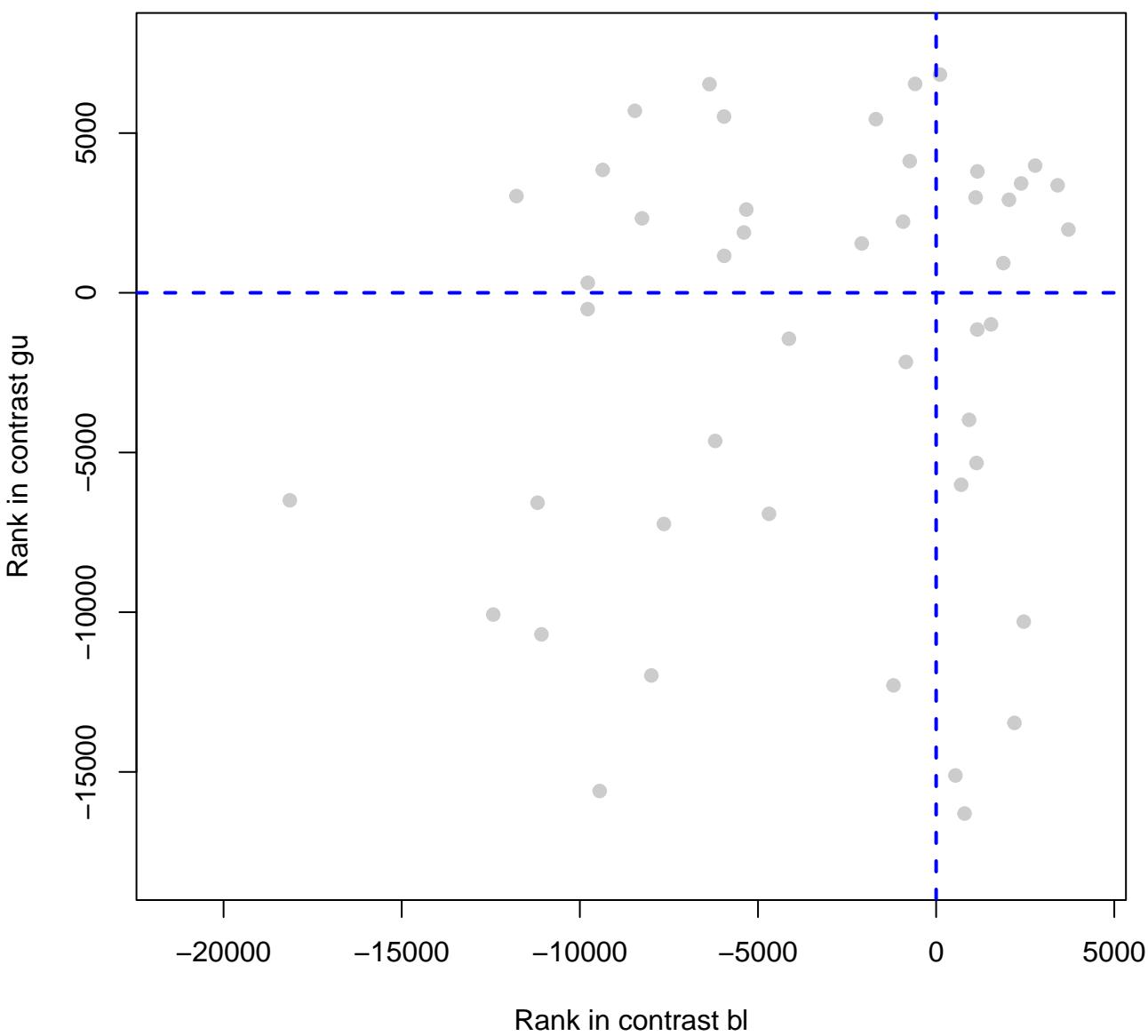
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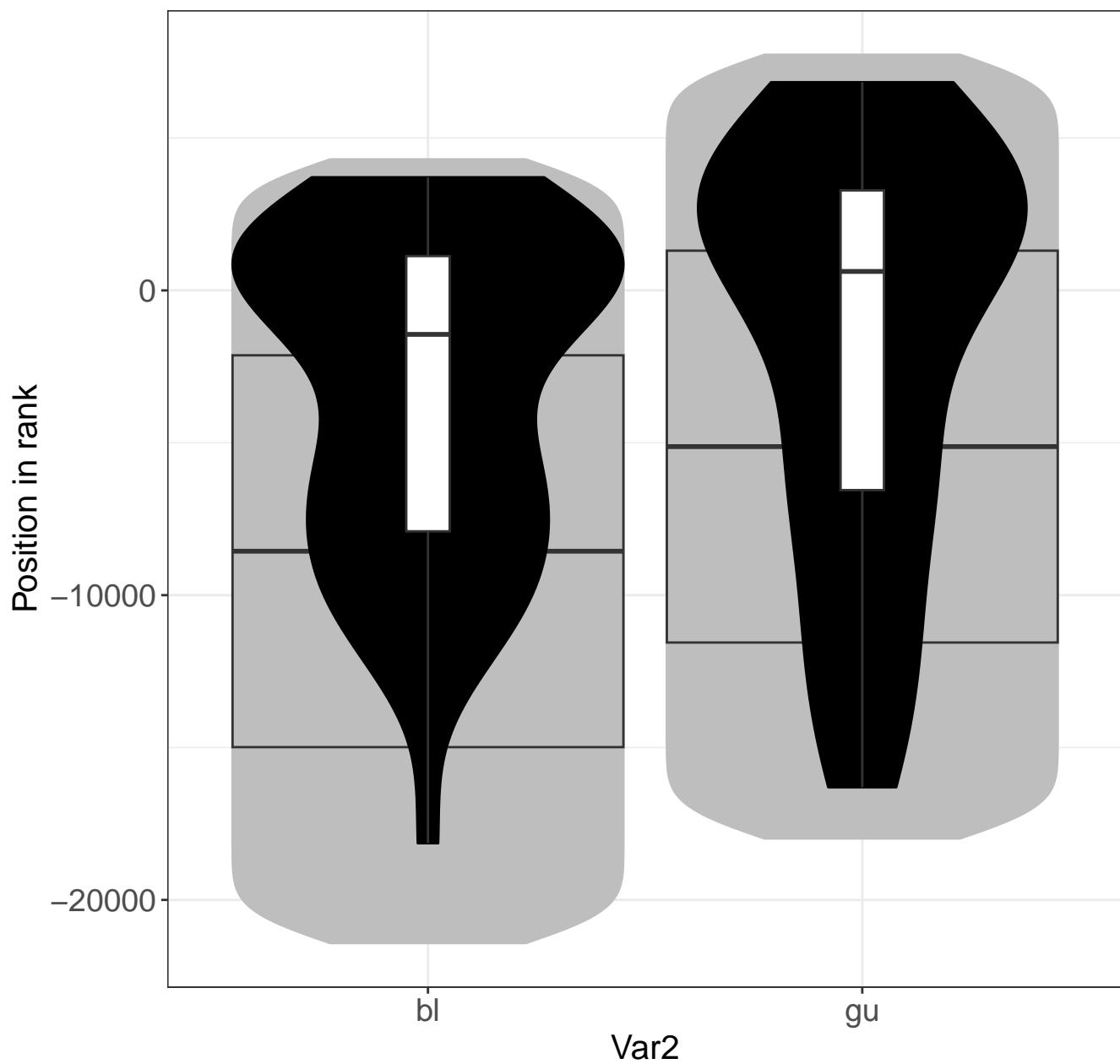
SARS-CoV-2 modulates host translation machinery



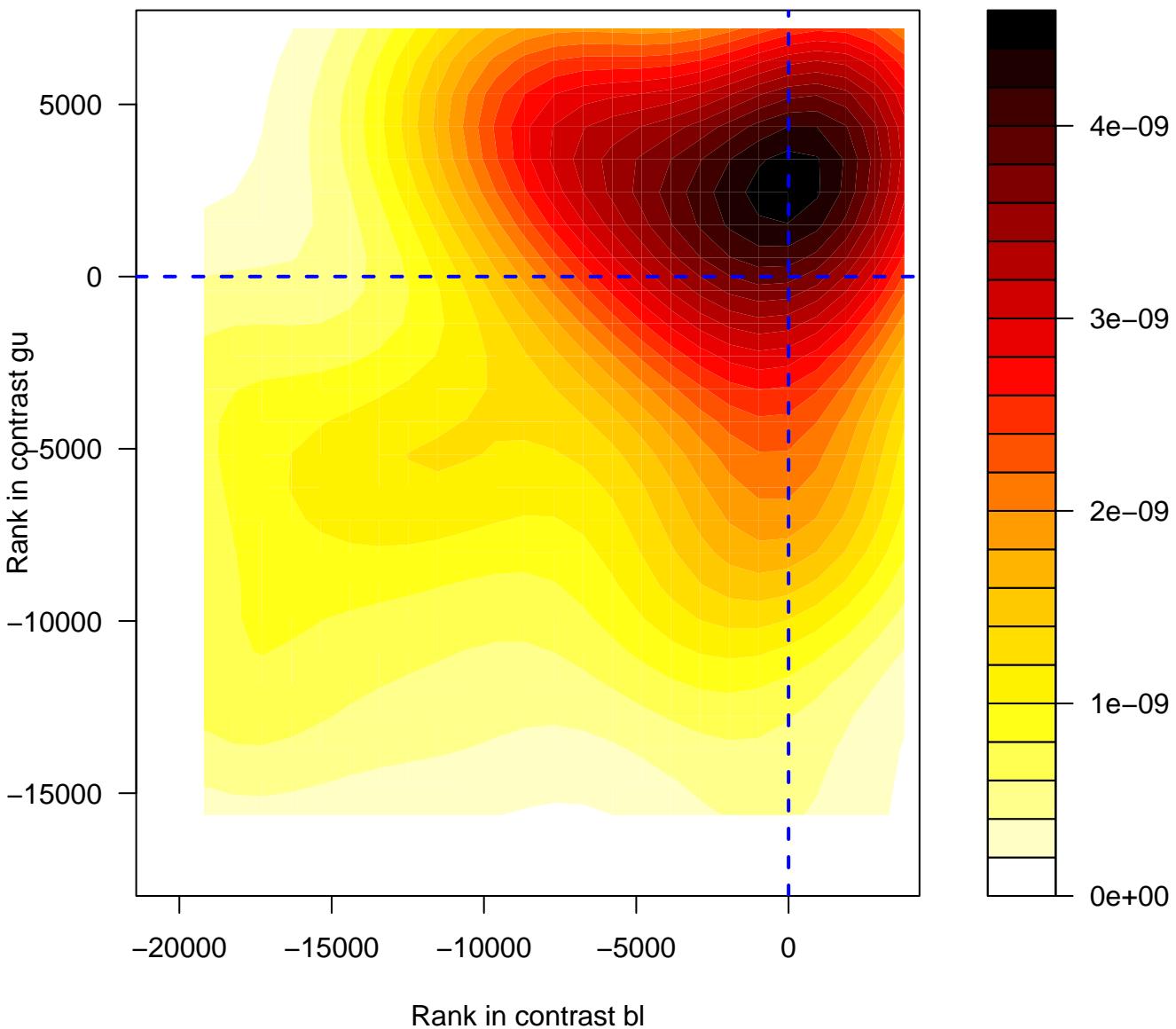
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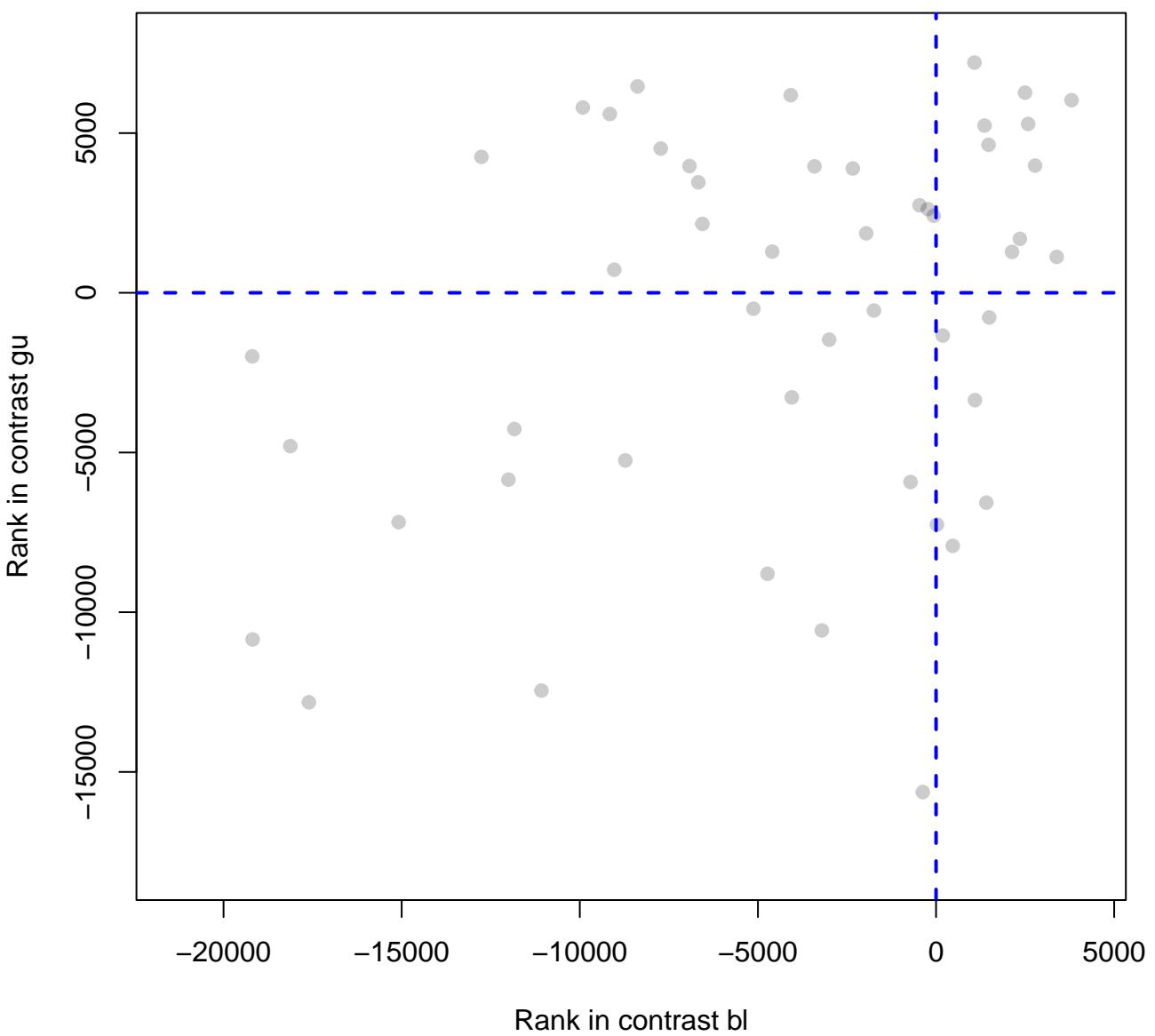
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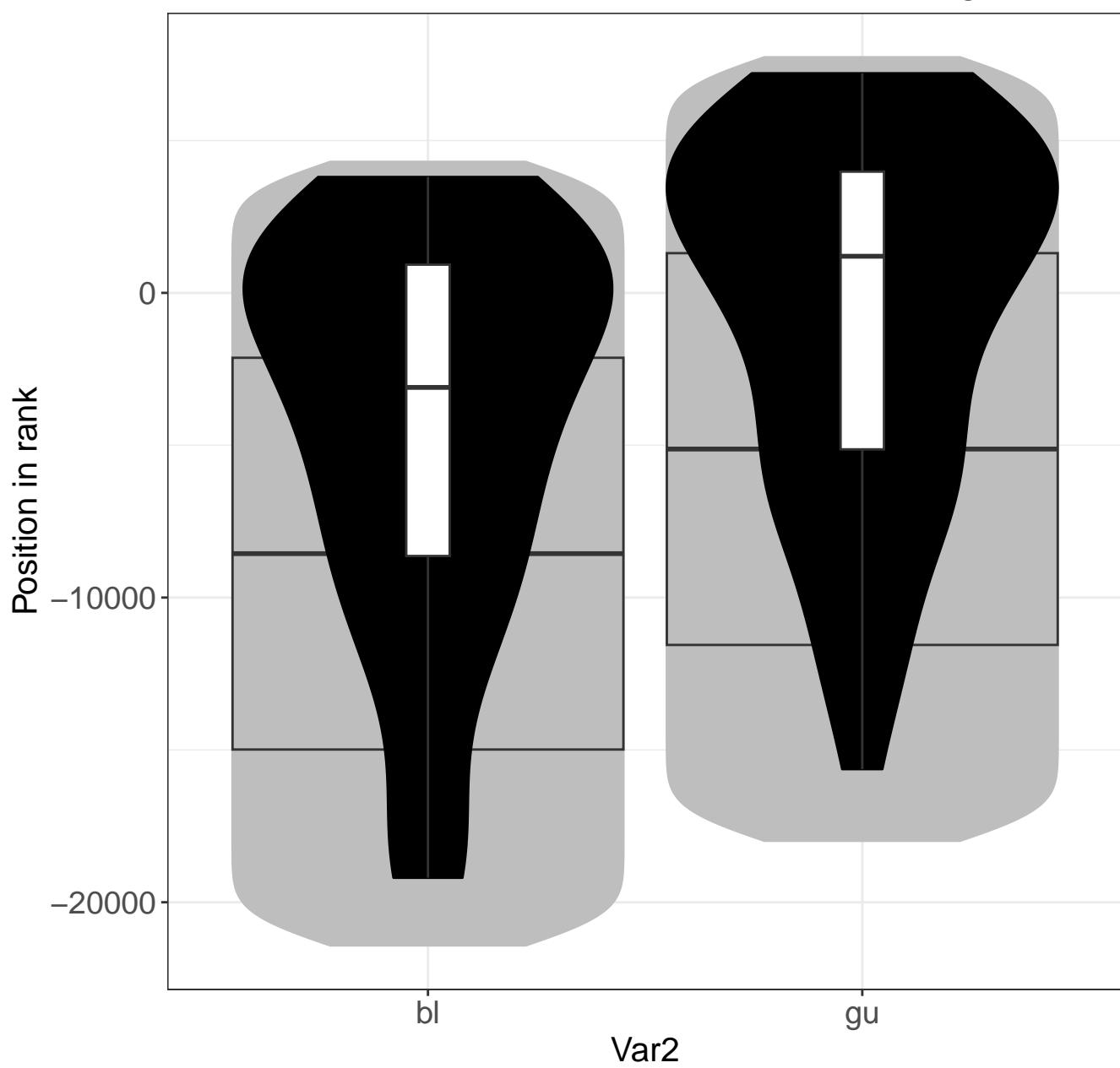
GSK3B and BTRC:CUL1-mediated-degradation of NFE2



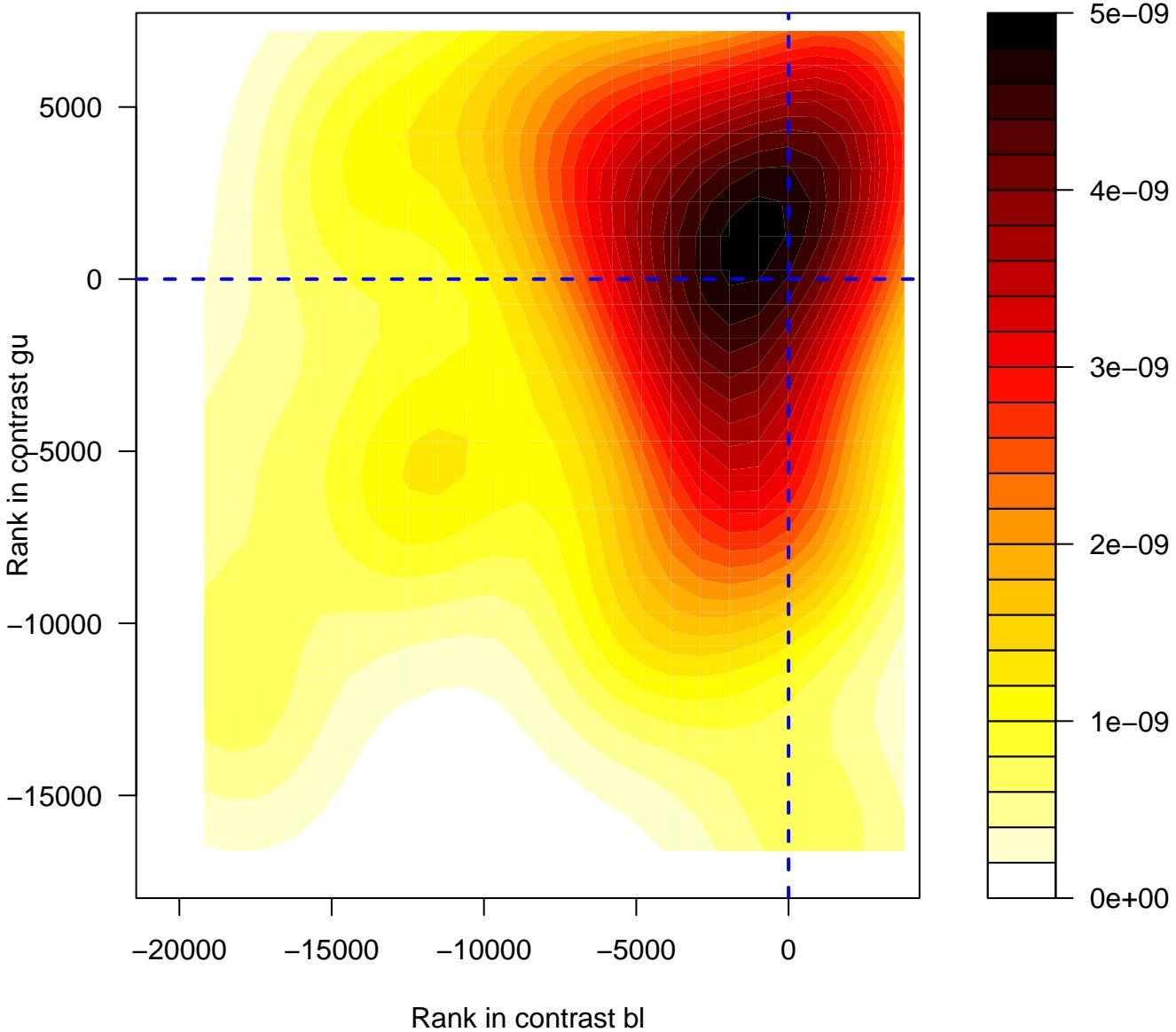
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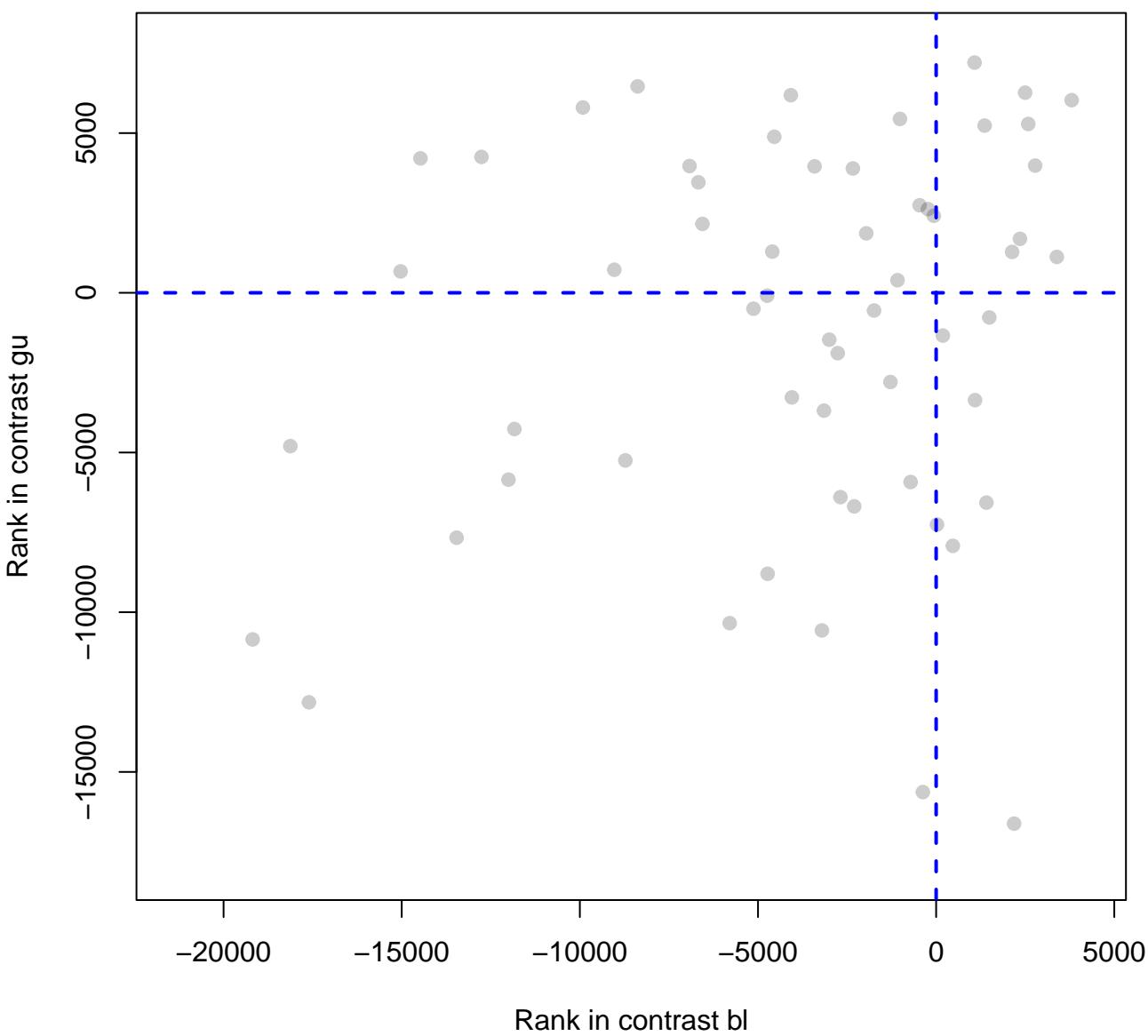
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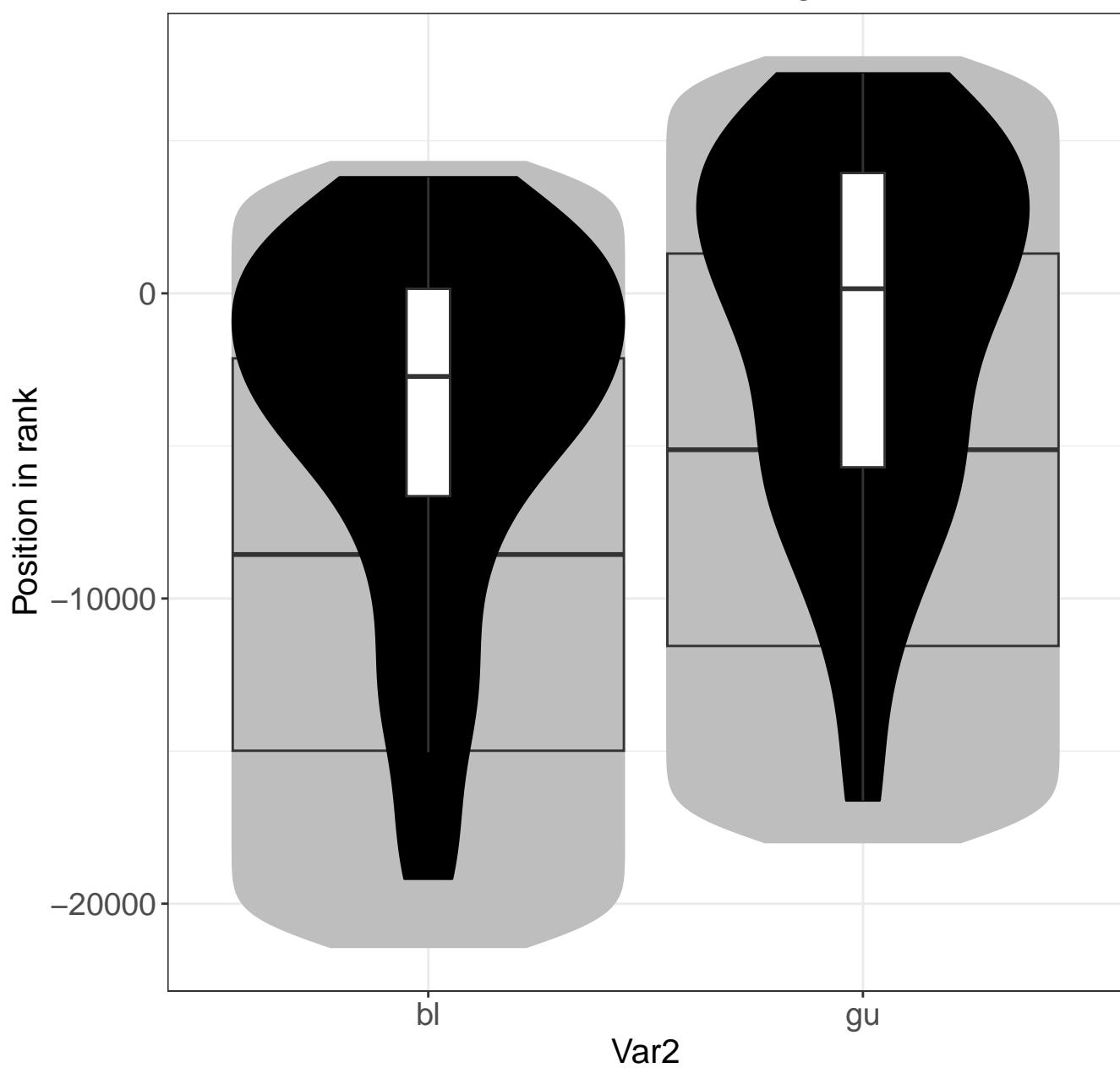
The role of GTSE1 in G2/M progression after G2 checkpo



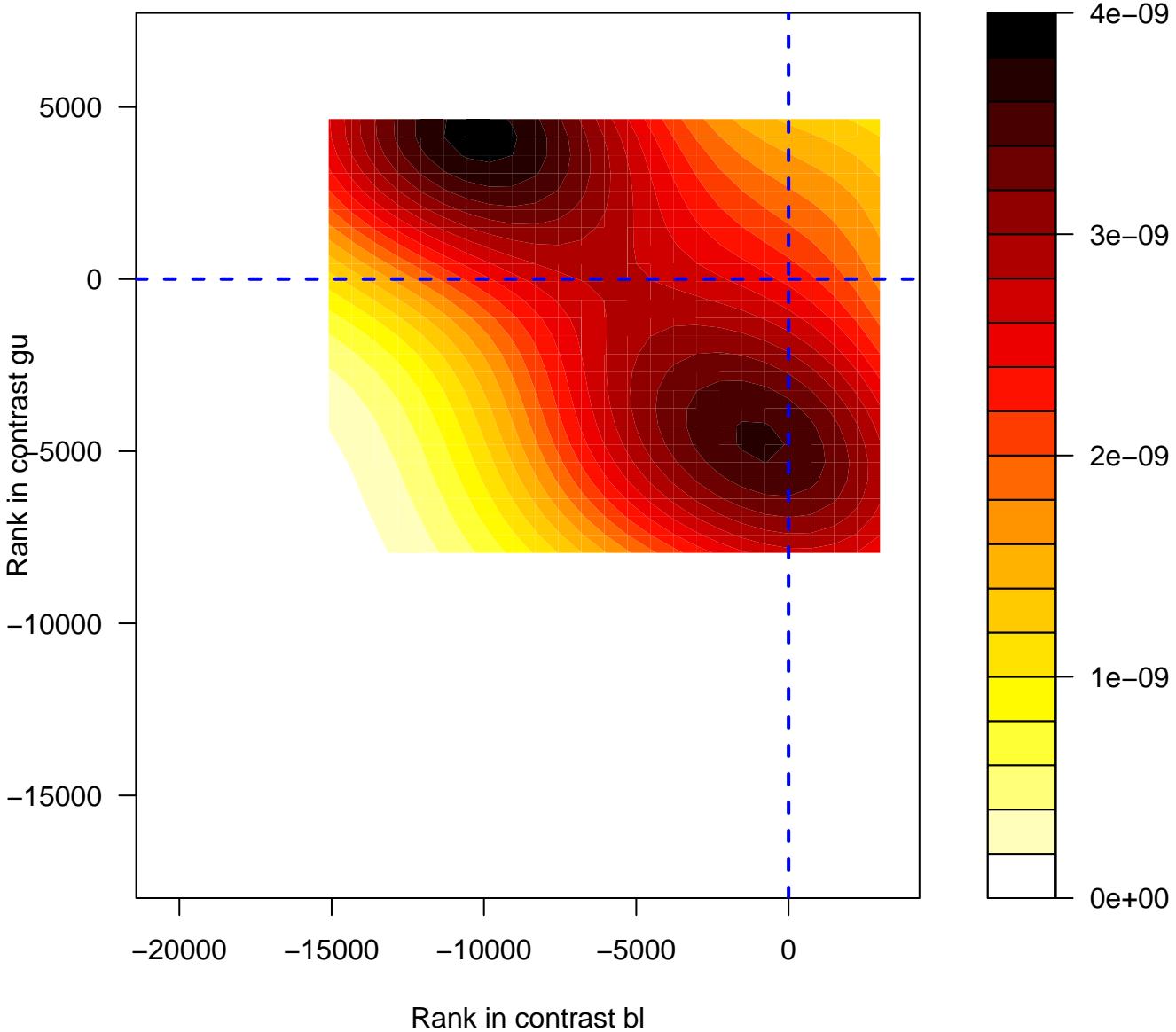
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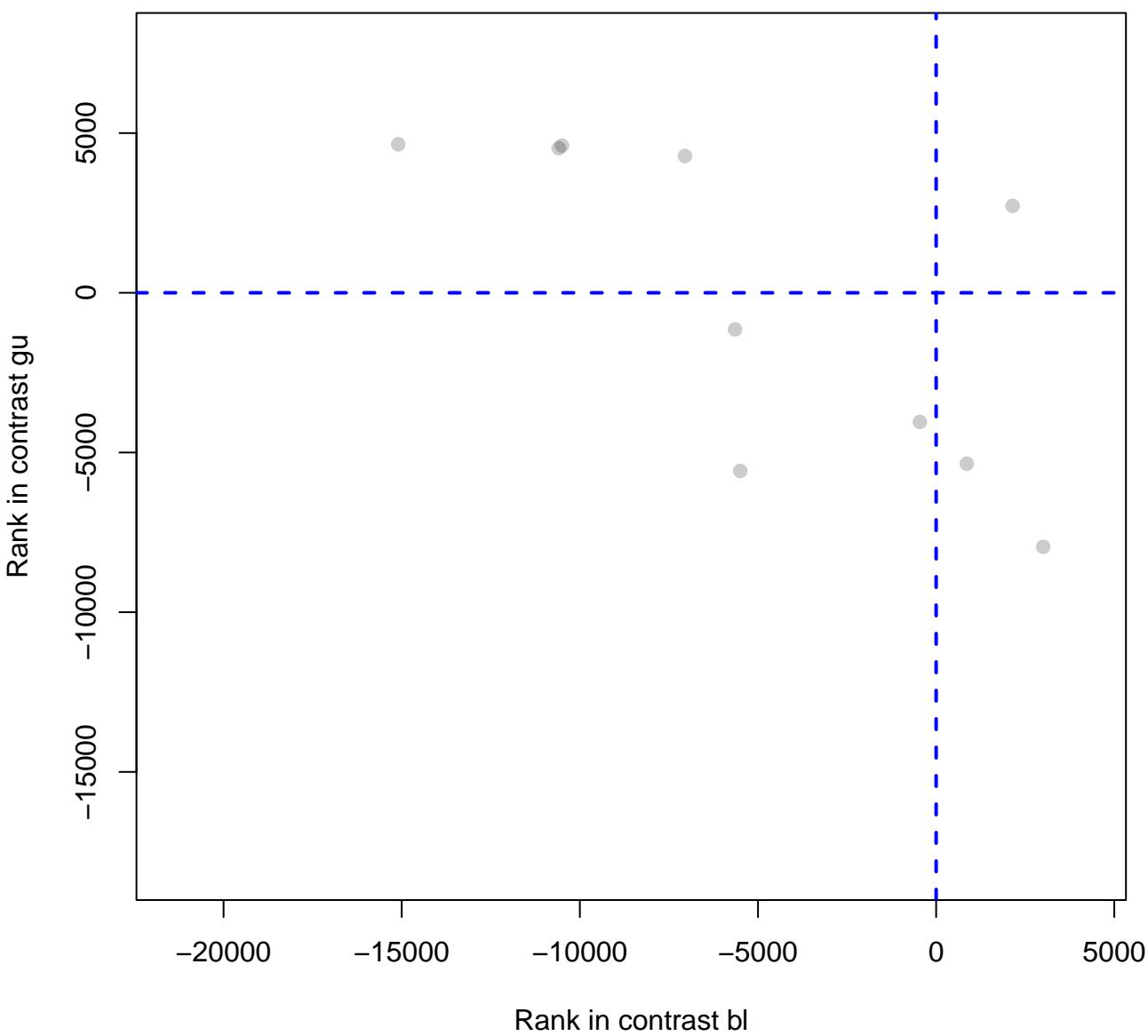
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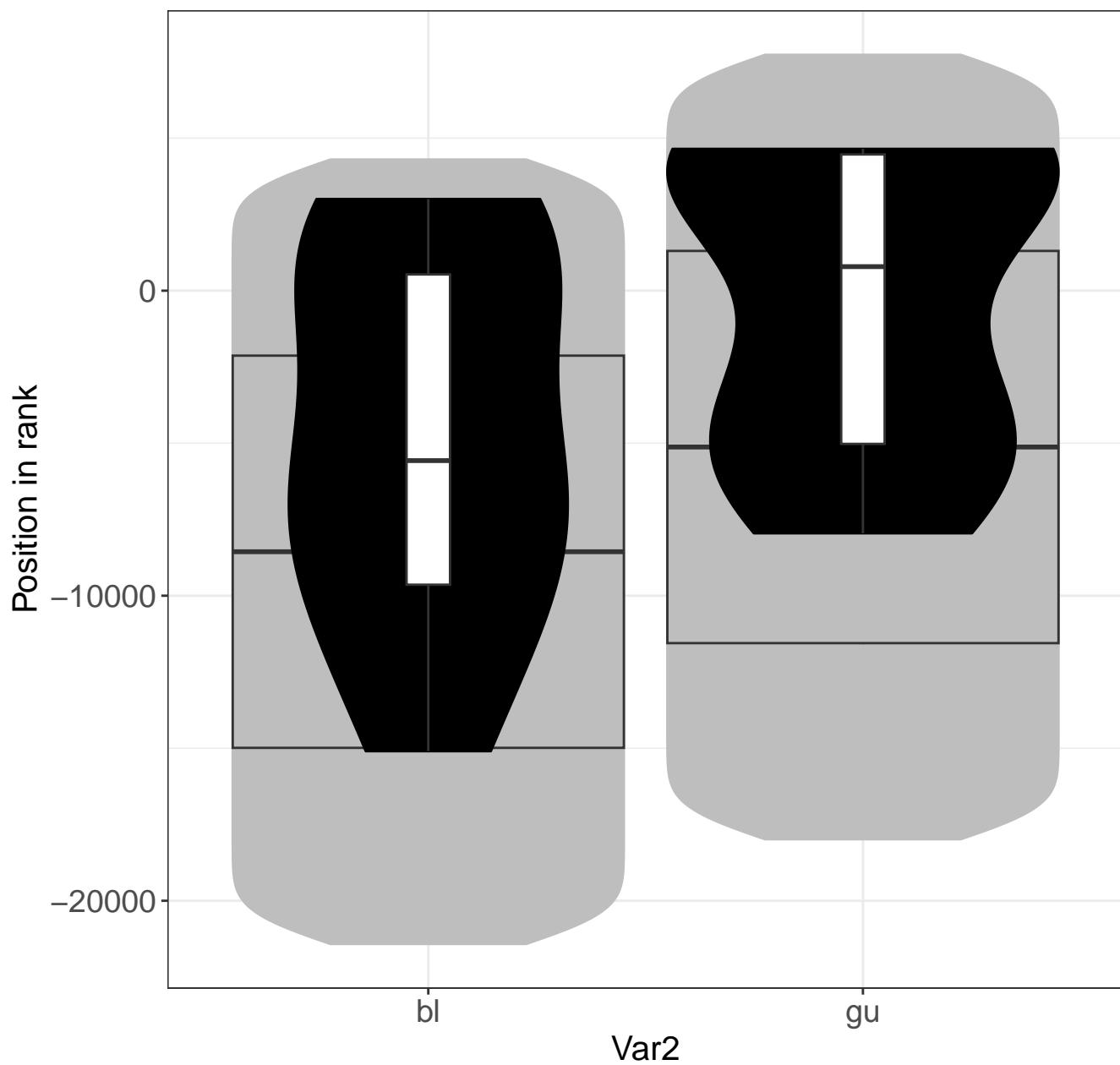
SUMOylation of immune response proteins



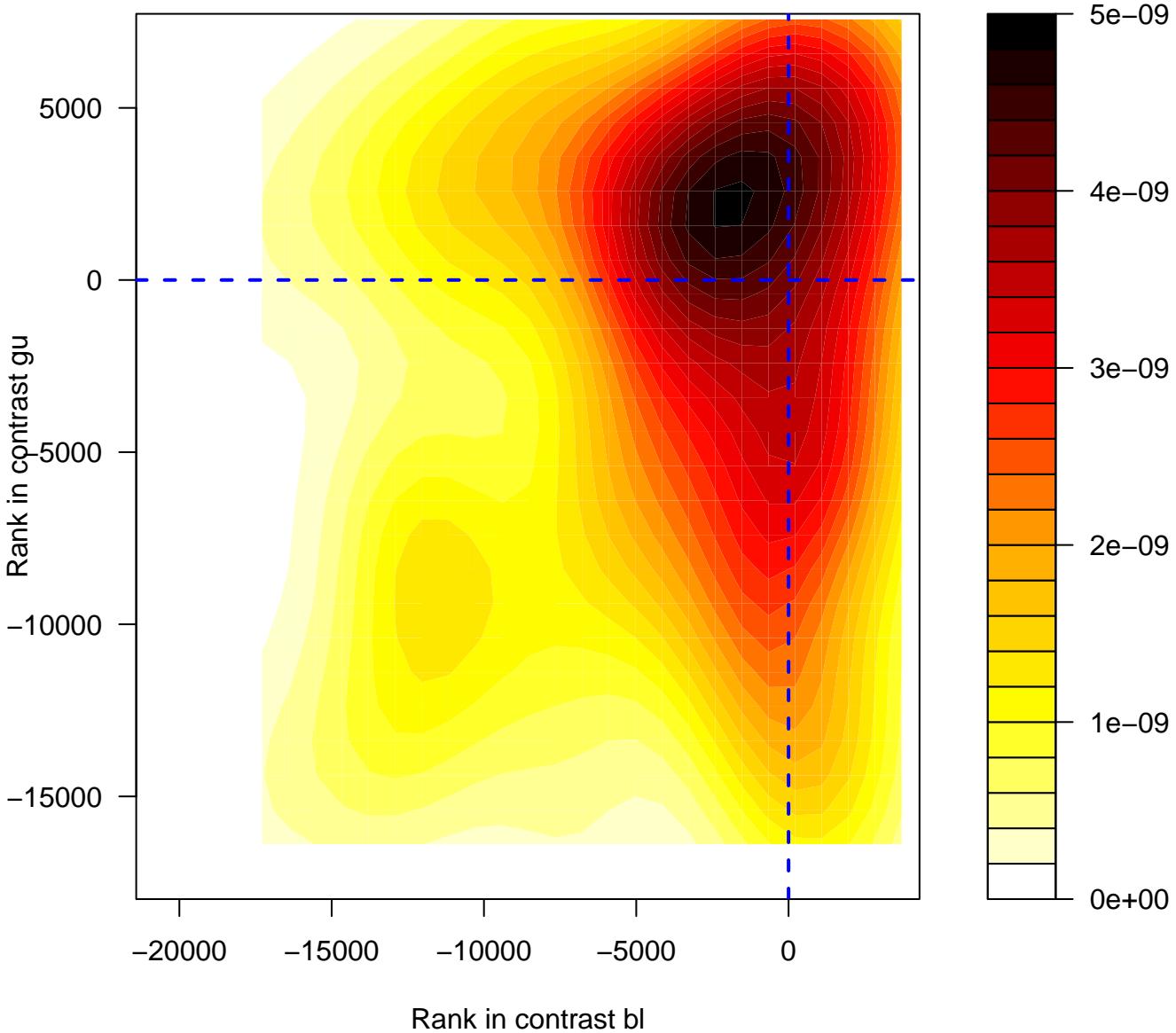
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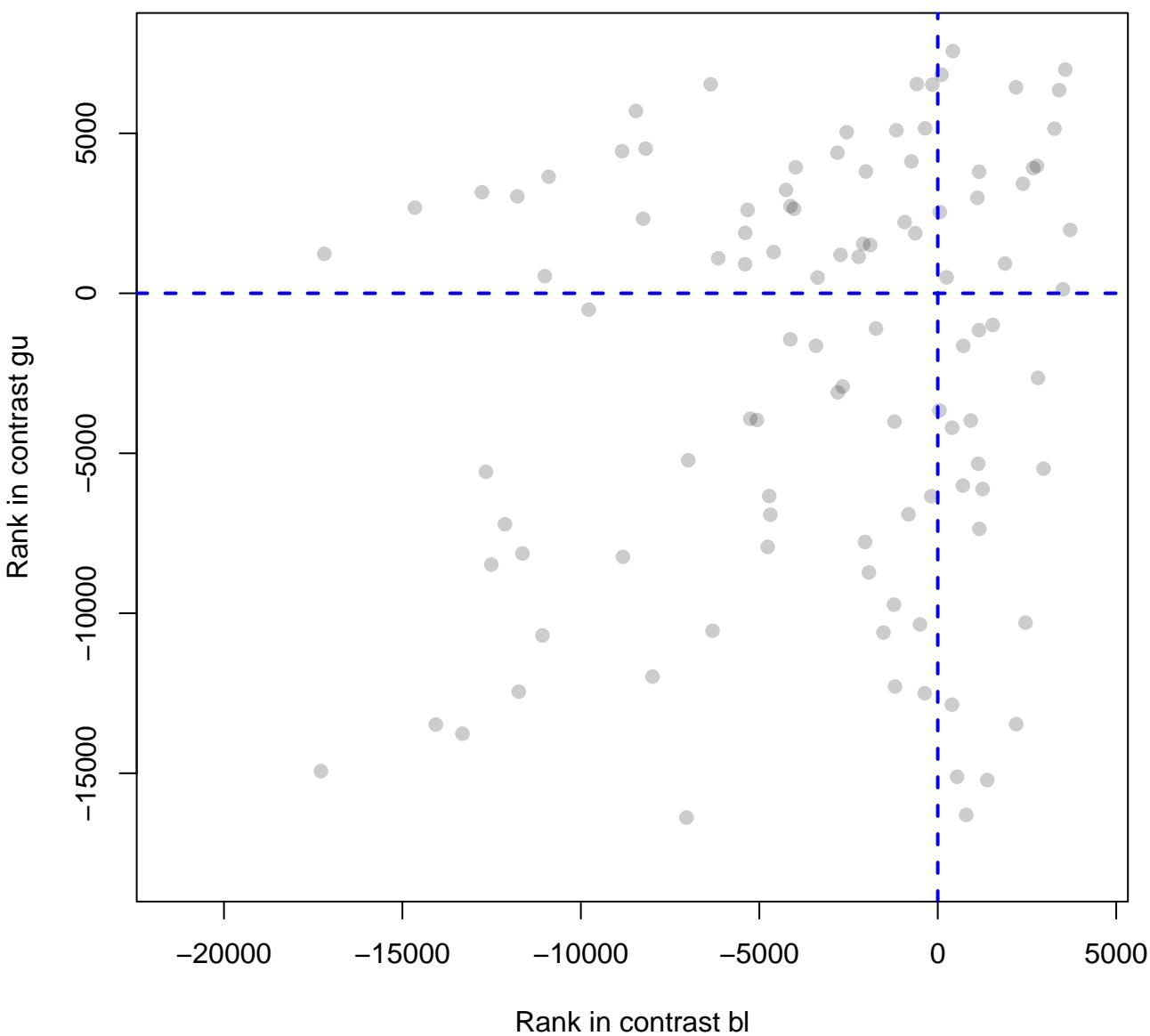
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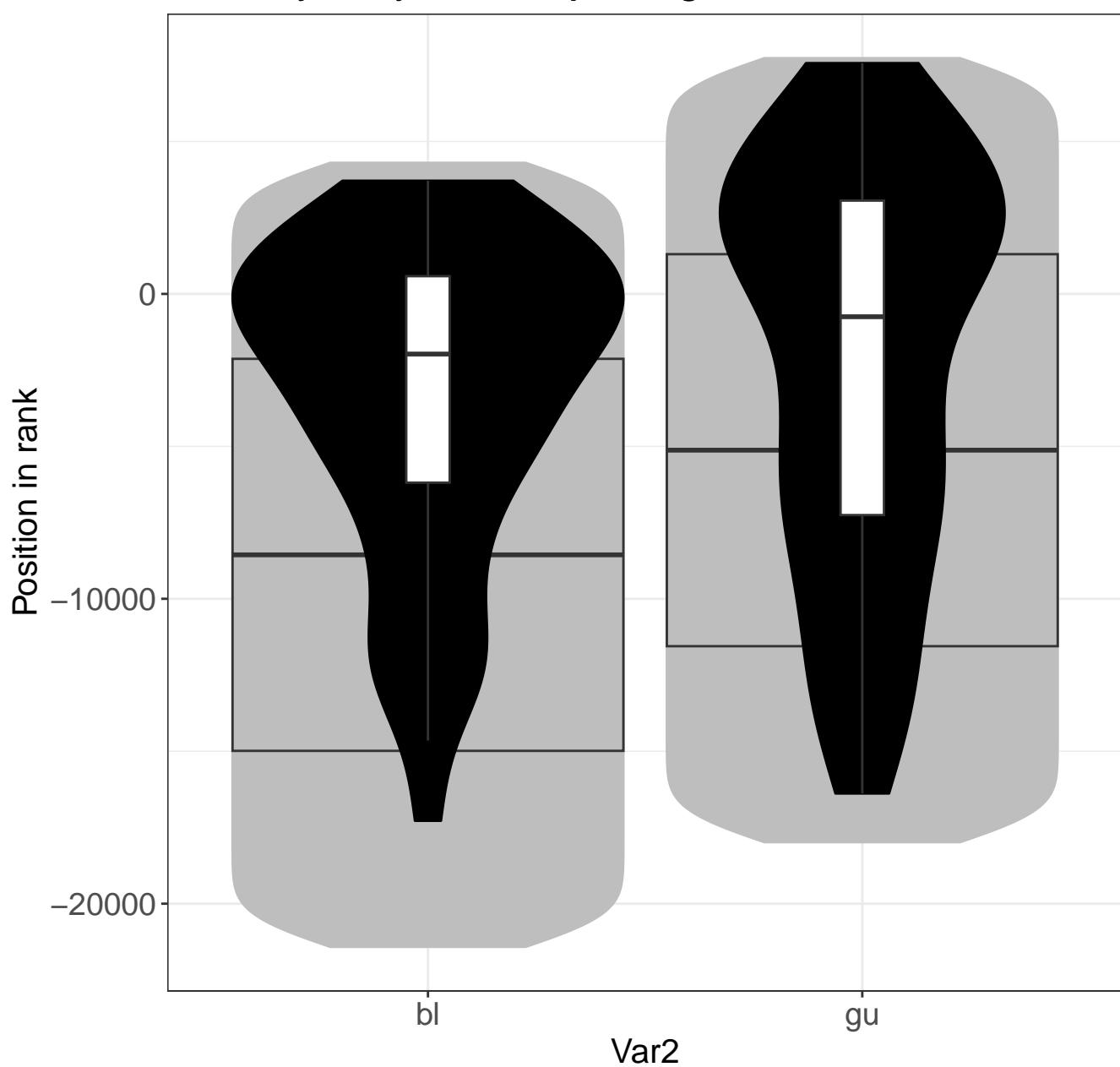
GTP hydrolysis and joining of the 60S ribosomal subunit



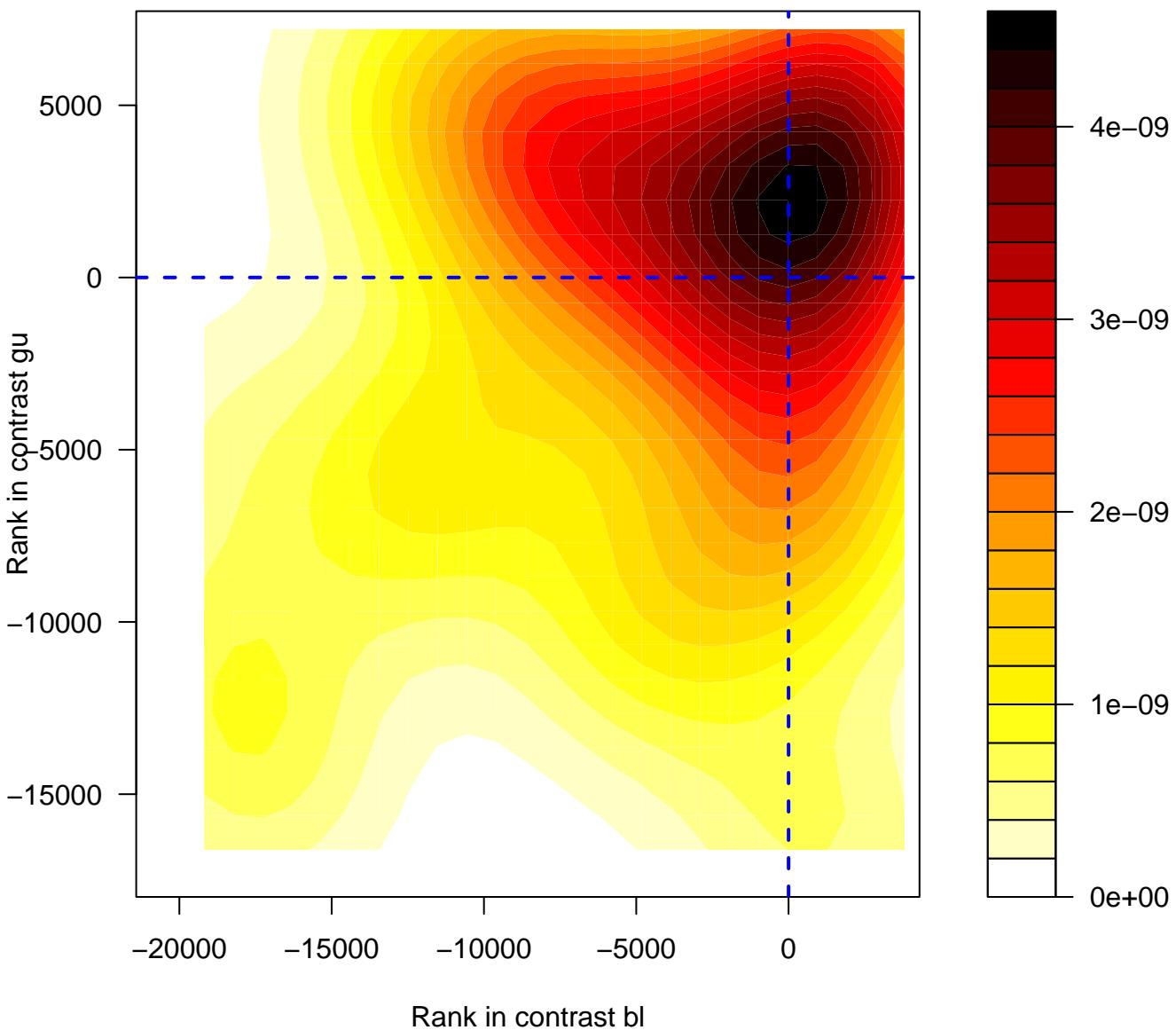
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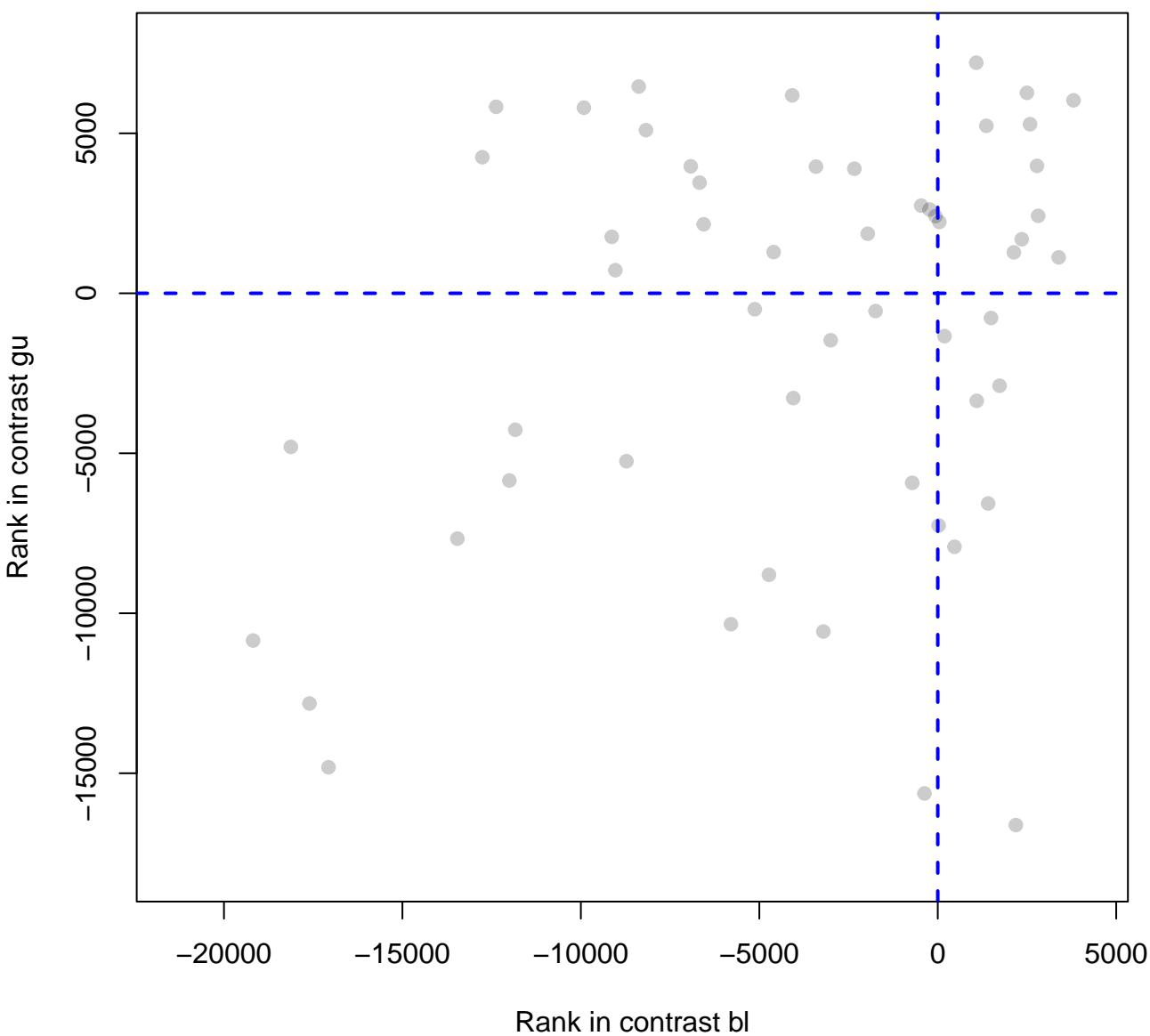
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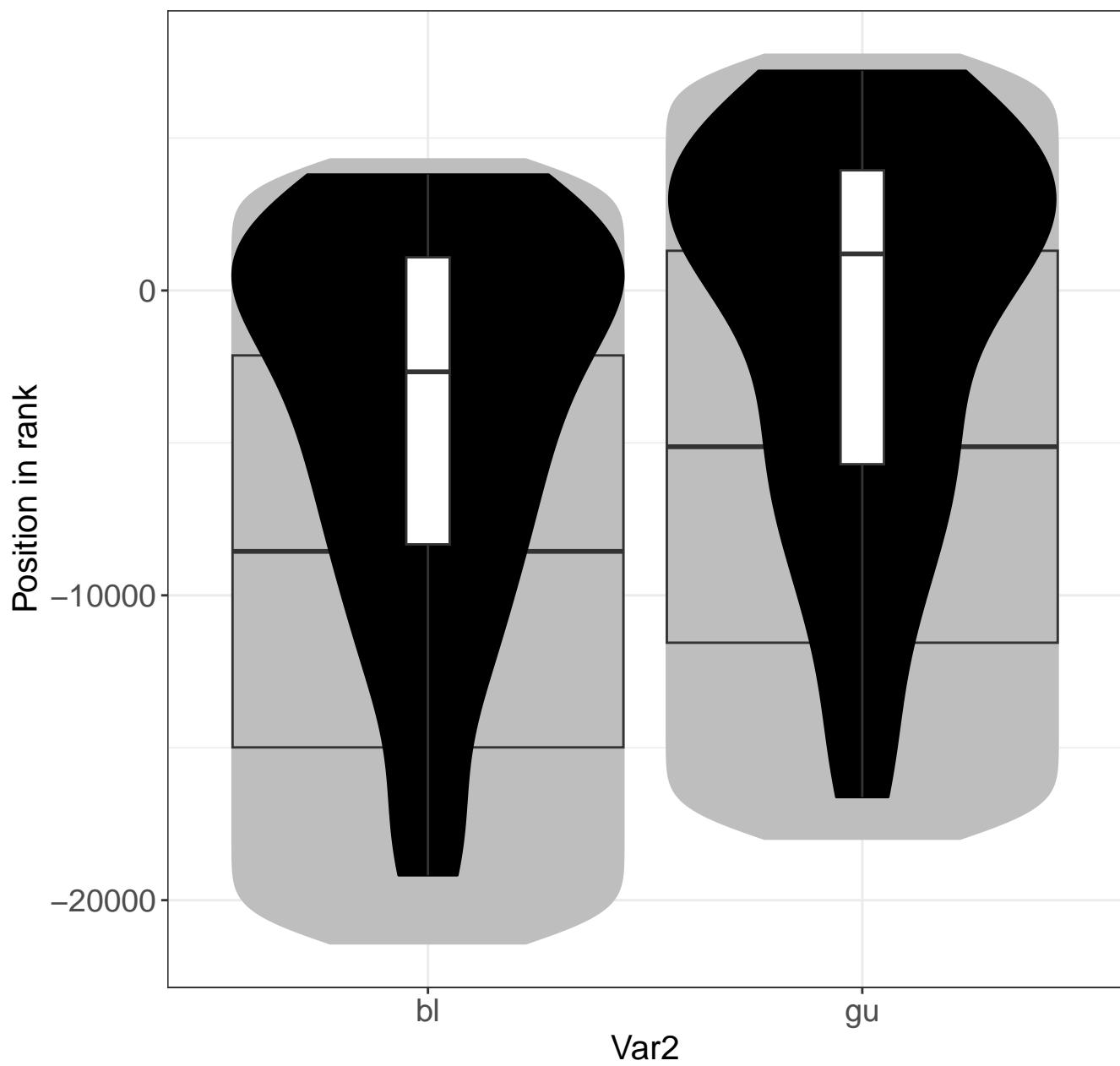
Hh mutants are degraded by ERAD



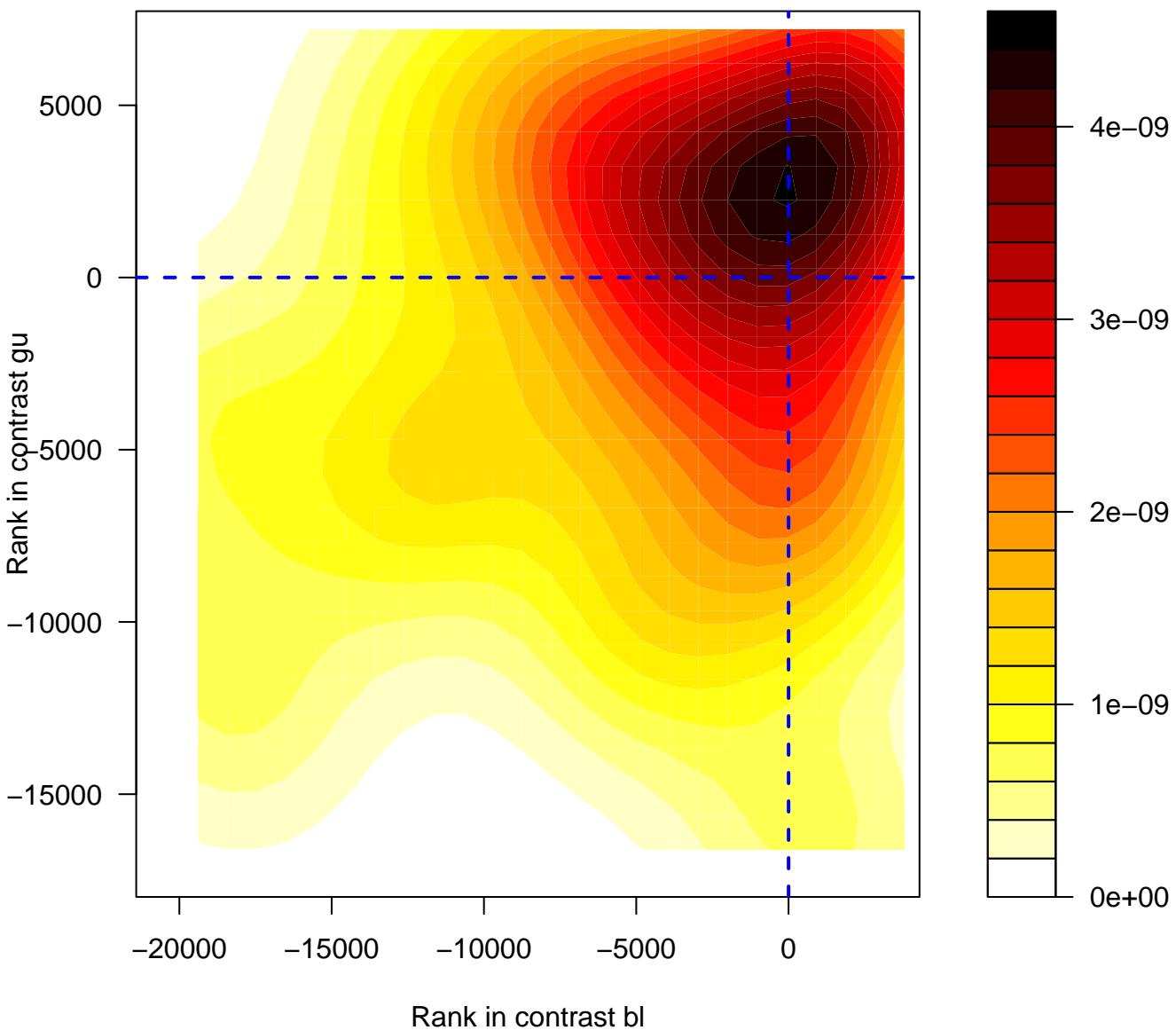
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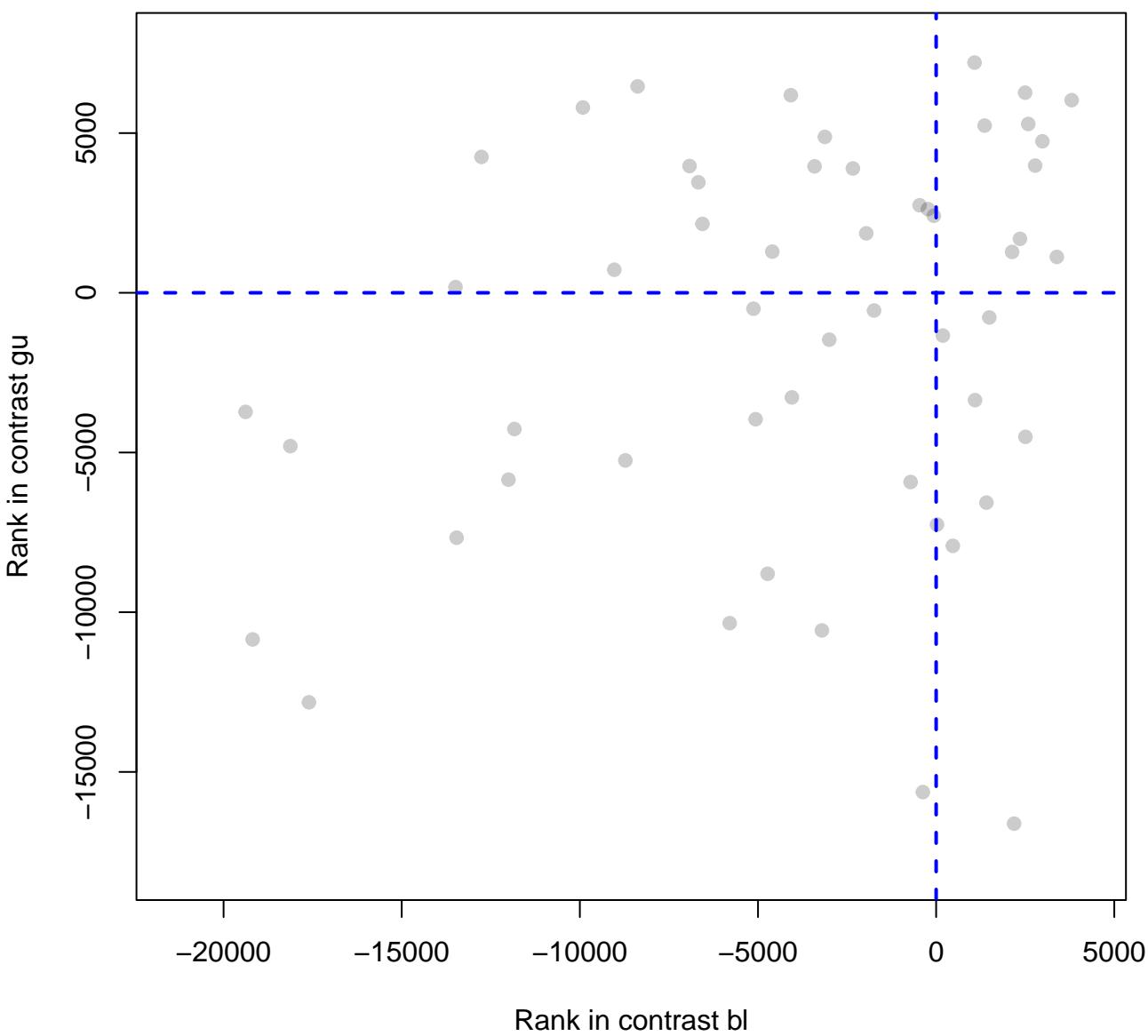
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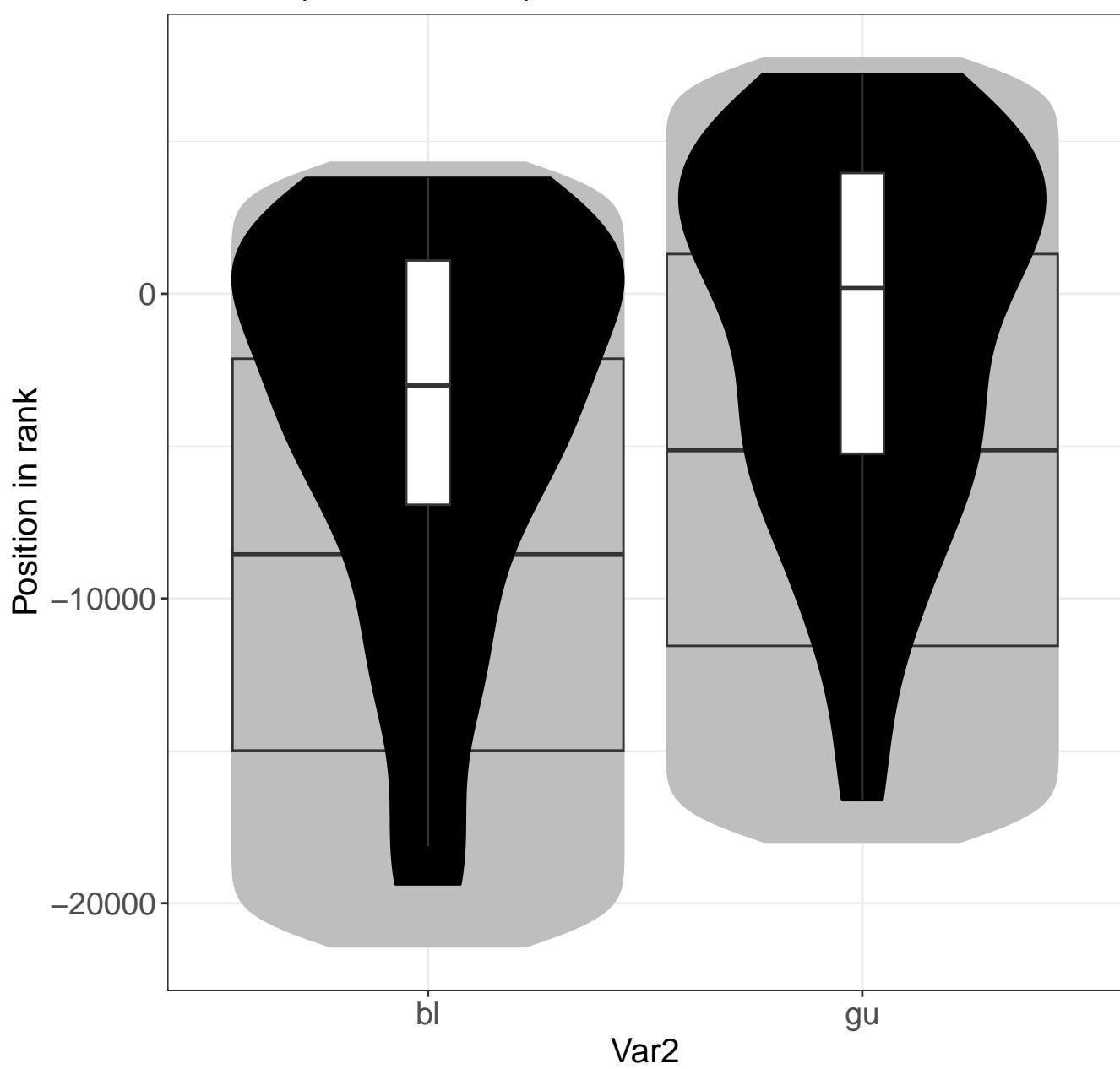
AUF1 (hnRNP D0) binds and destabilizes mRNA



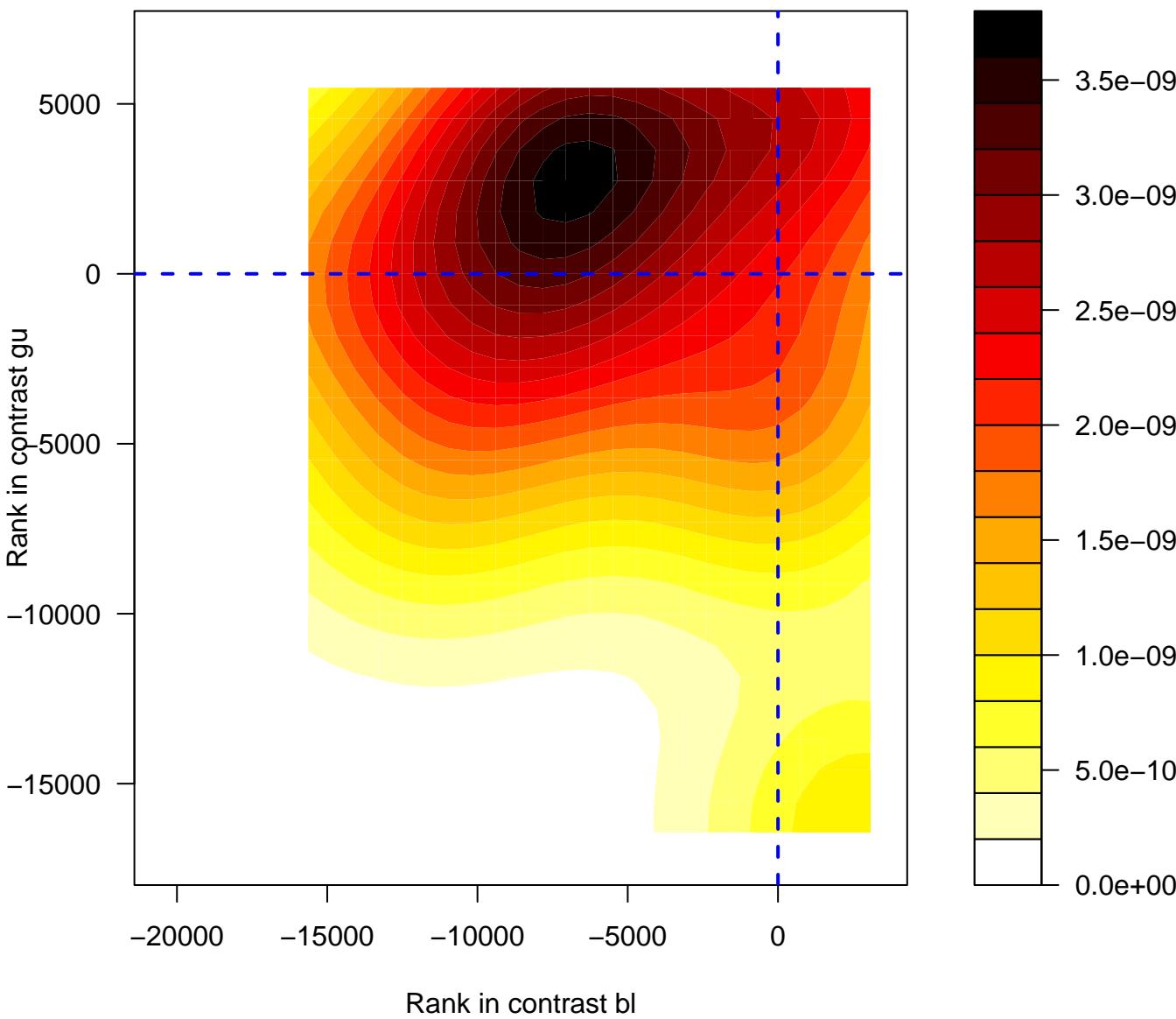
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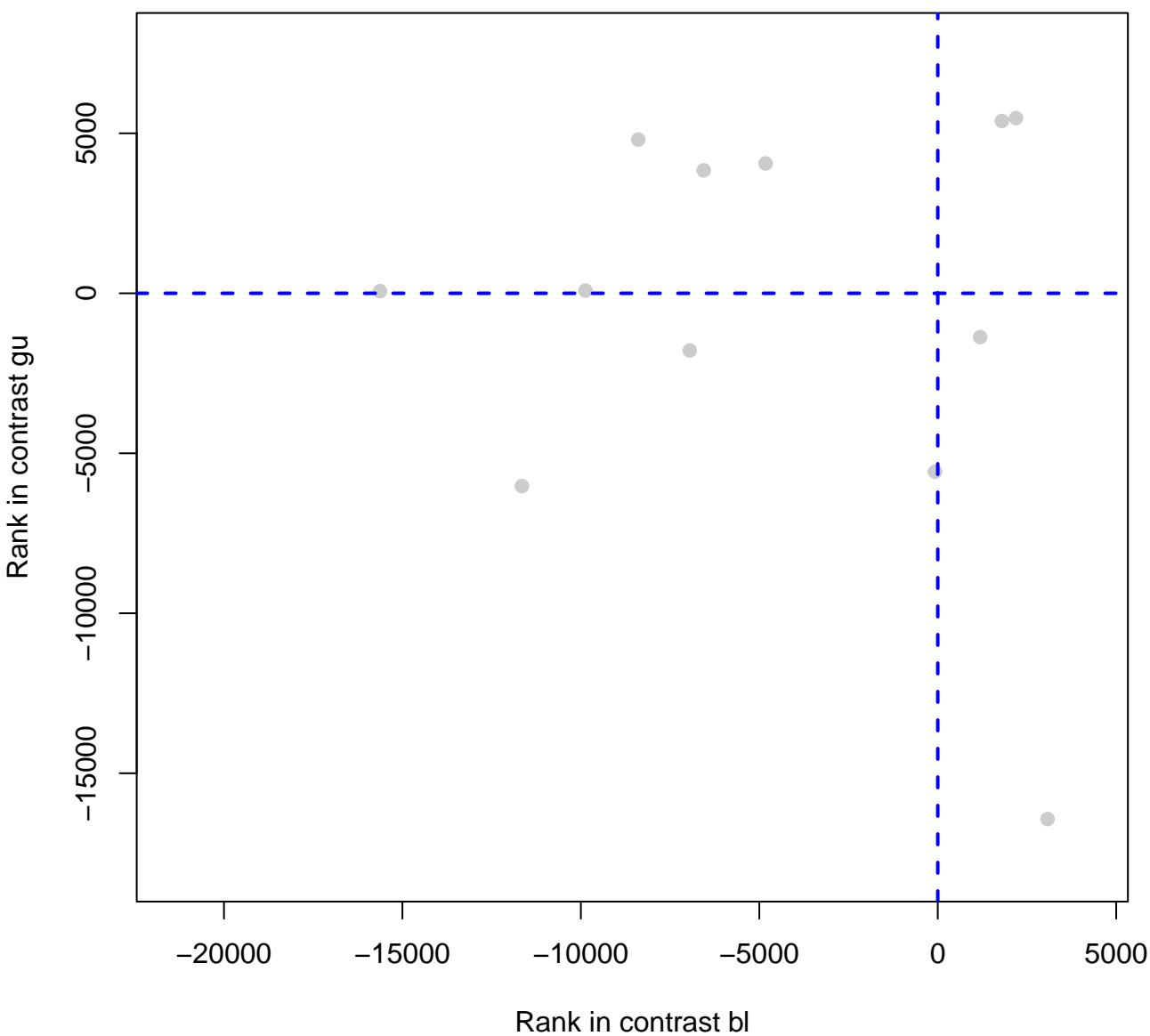
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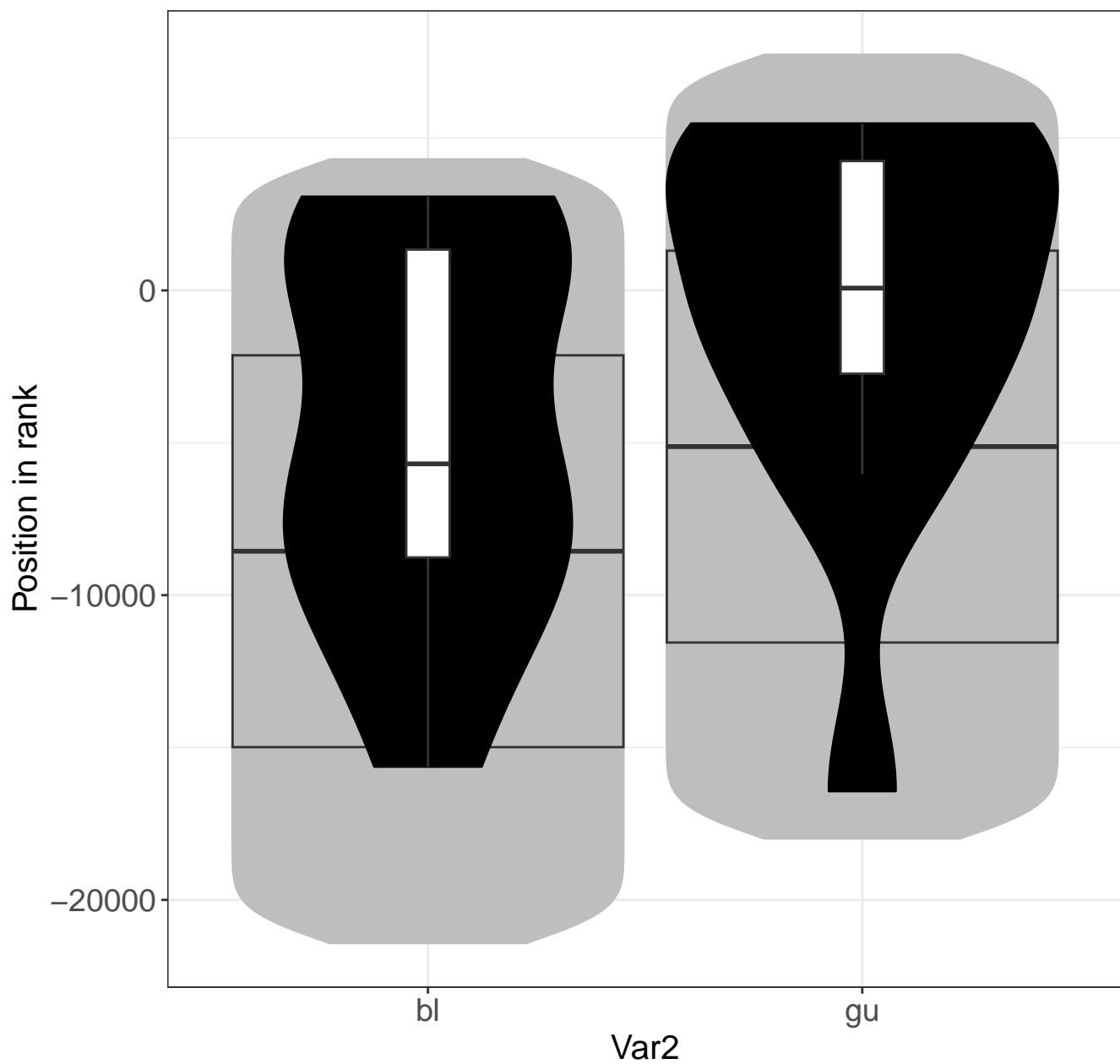
Mitochondrial iron–sulfur cluster biogenesis



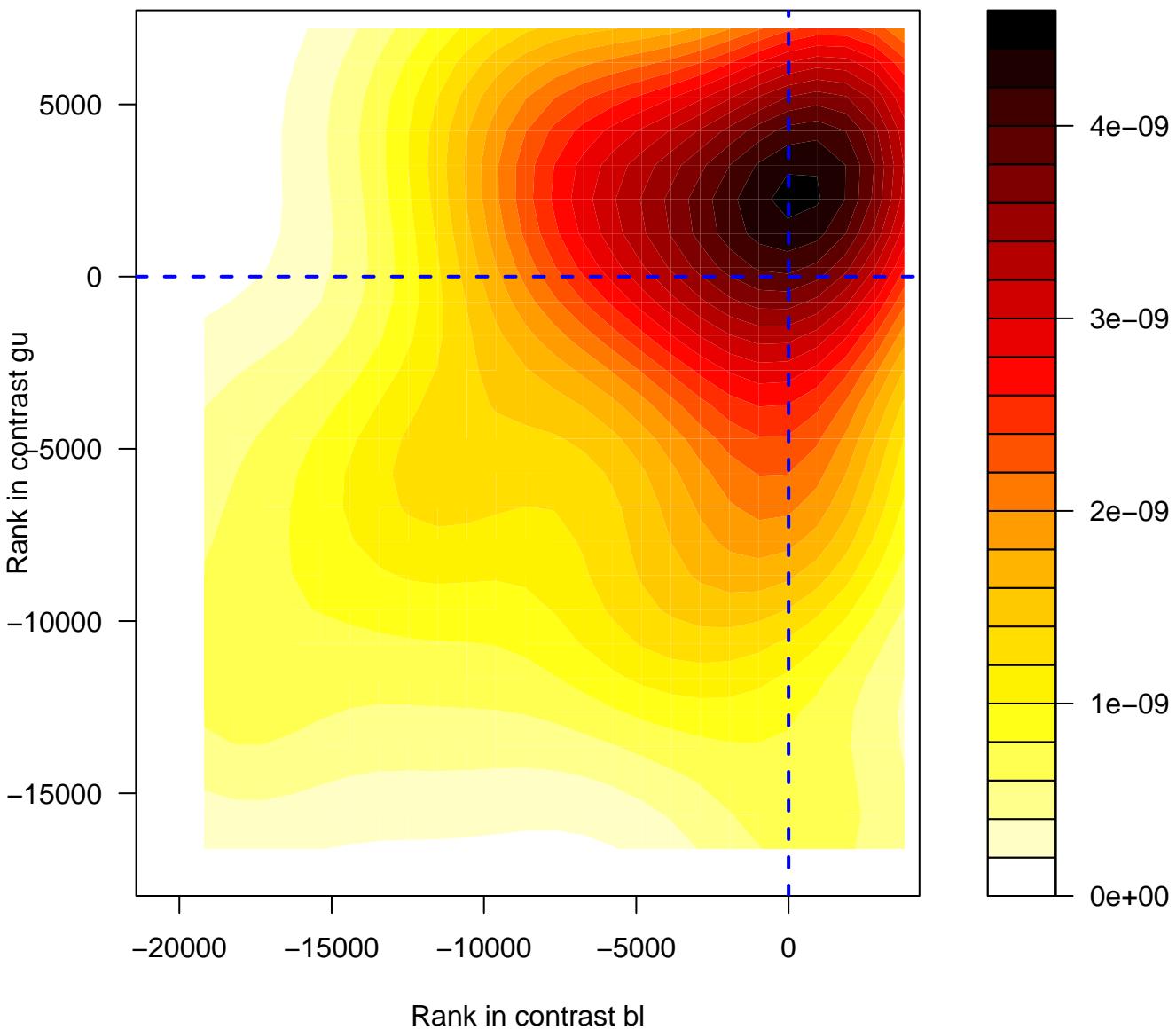
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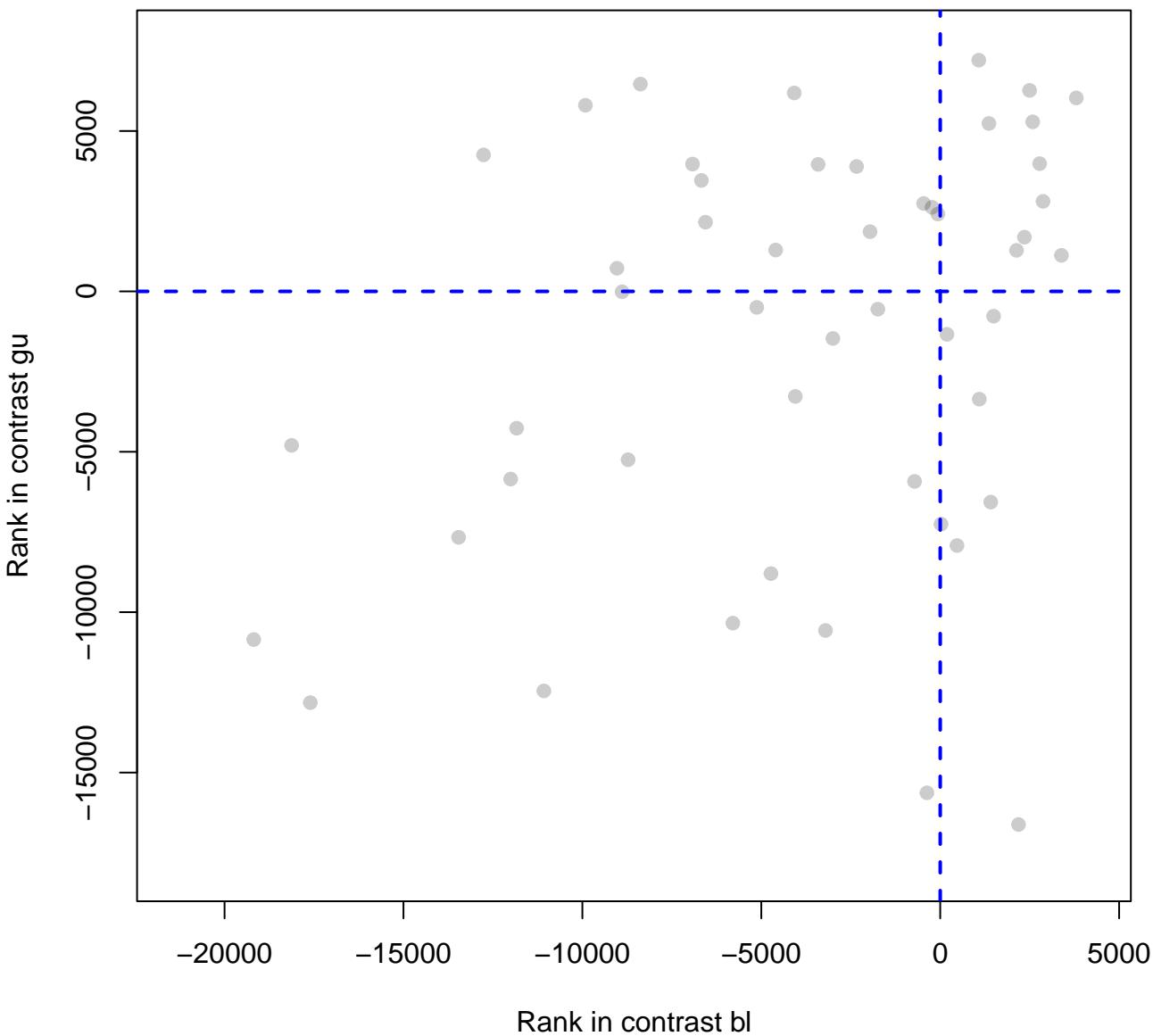
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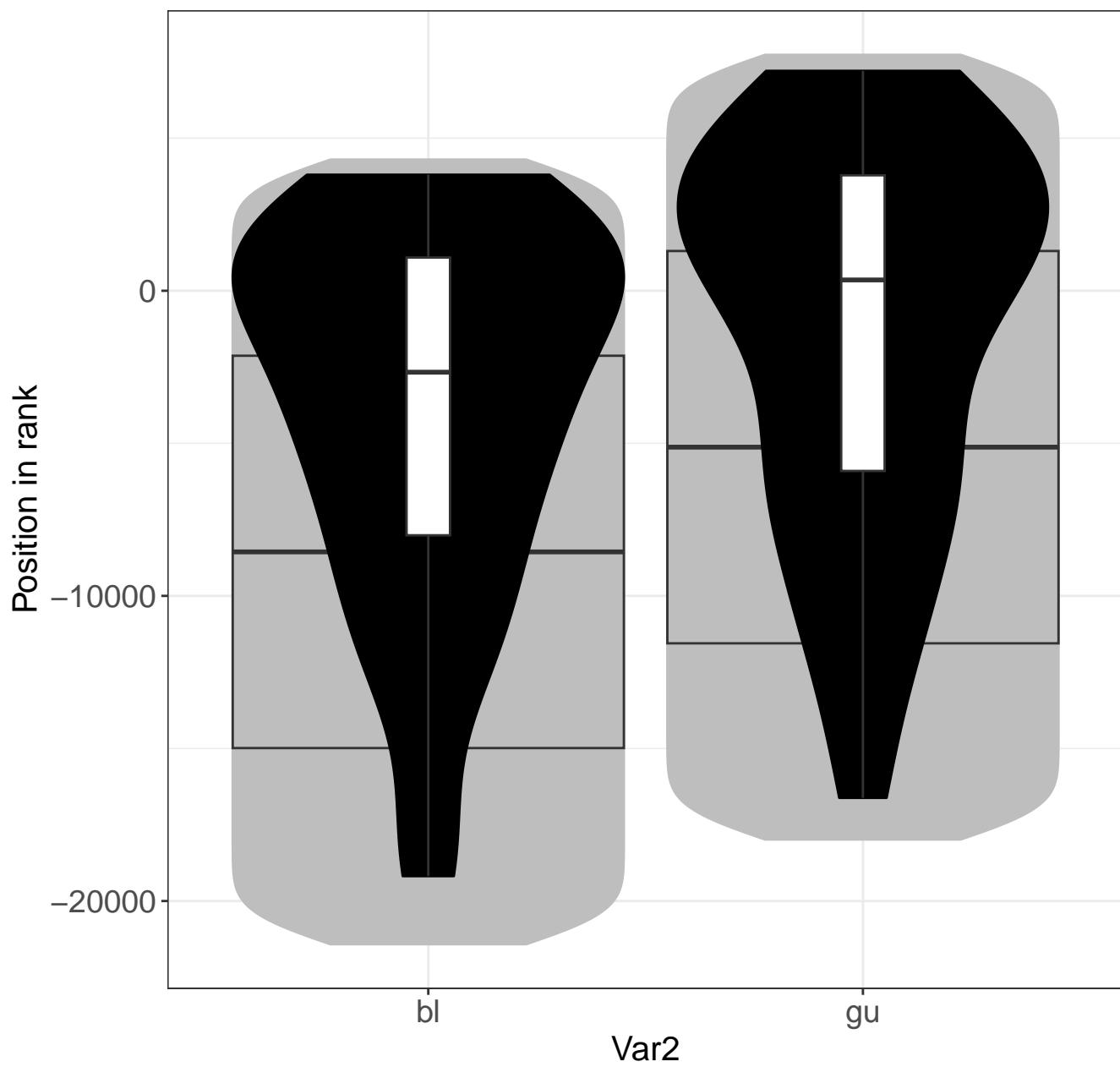
Ubiquitin-dependent degradation of Cyclin D



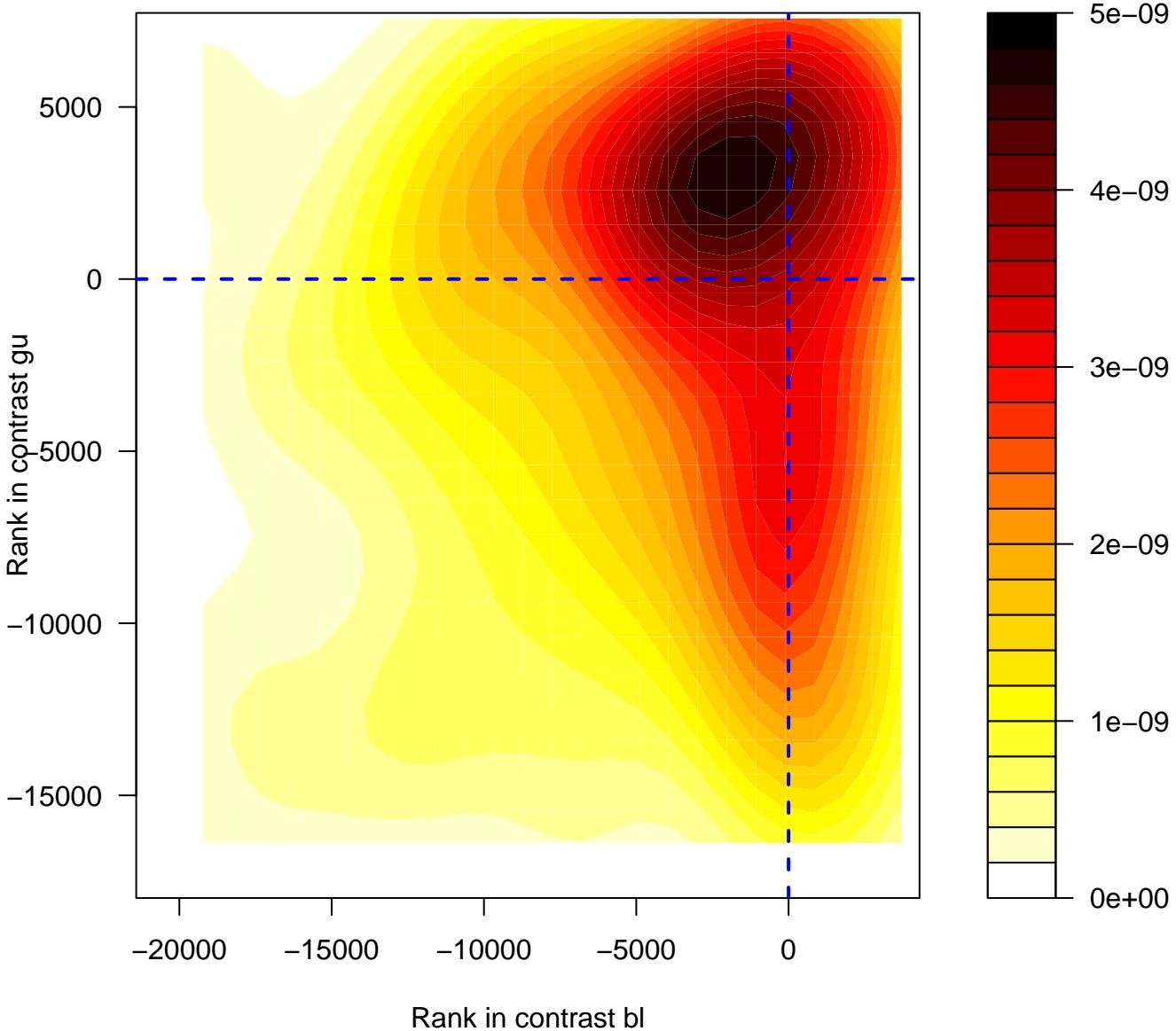
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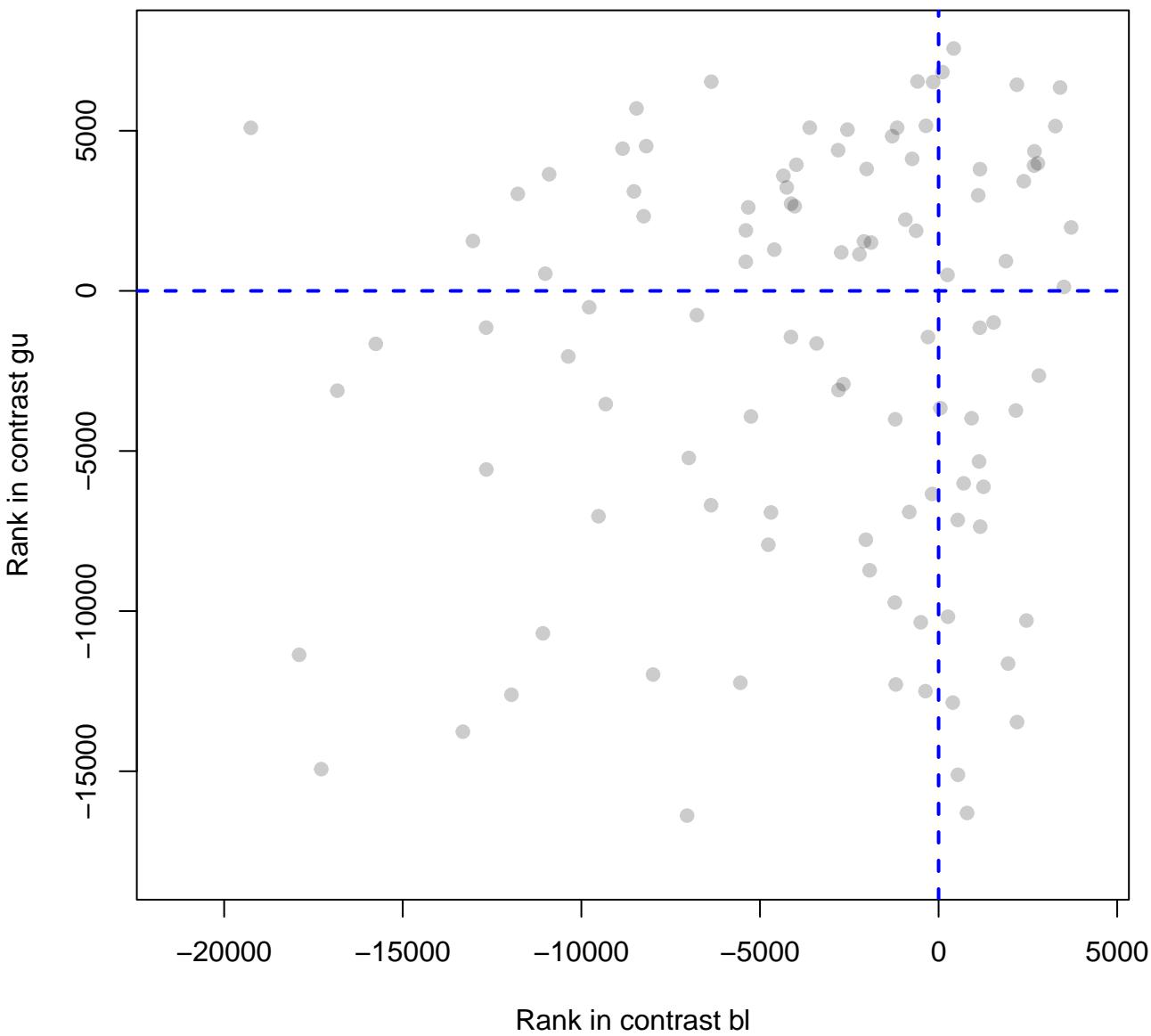
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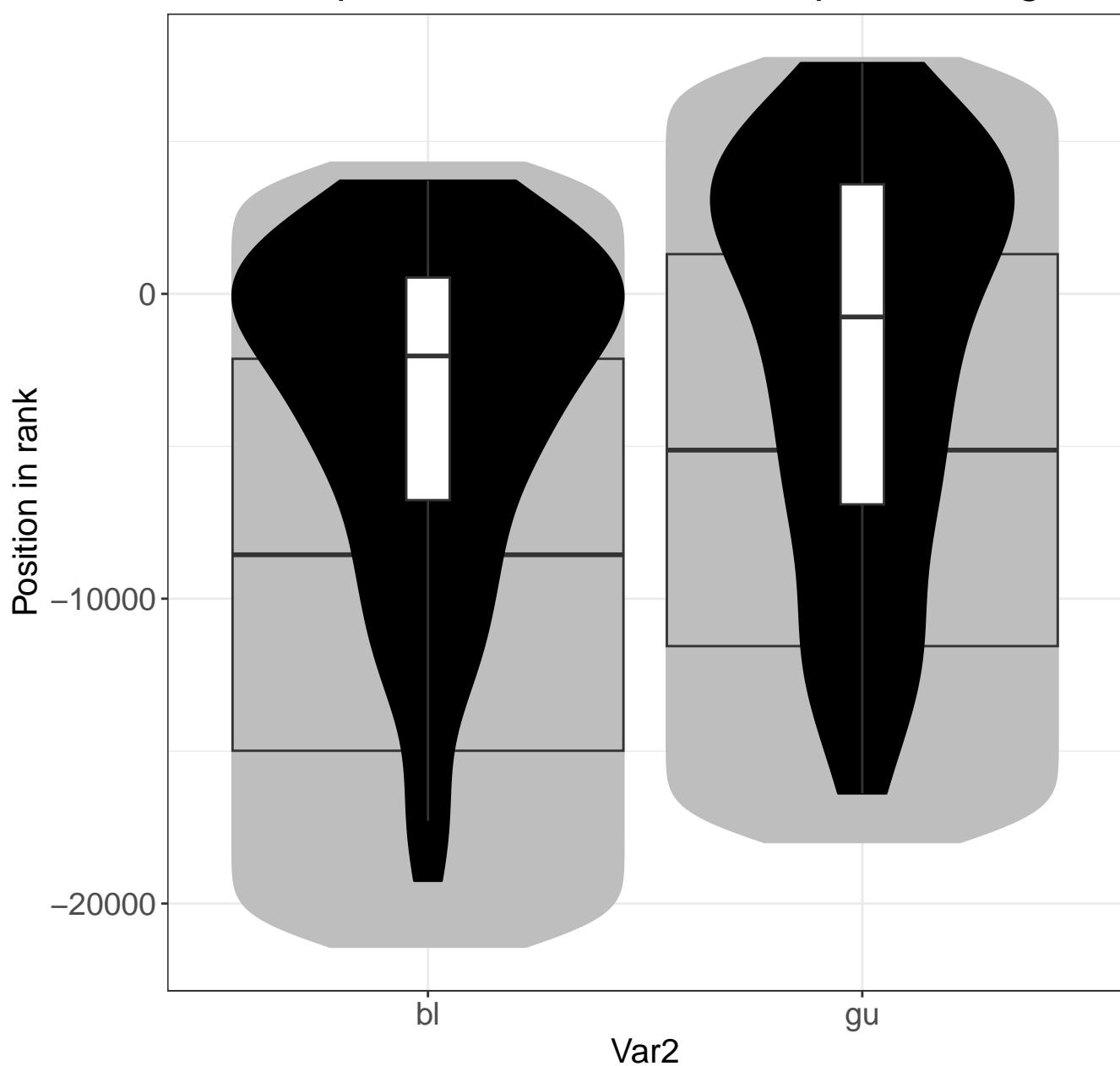
SRP-dependent cotranslational protein targeting to memb



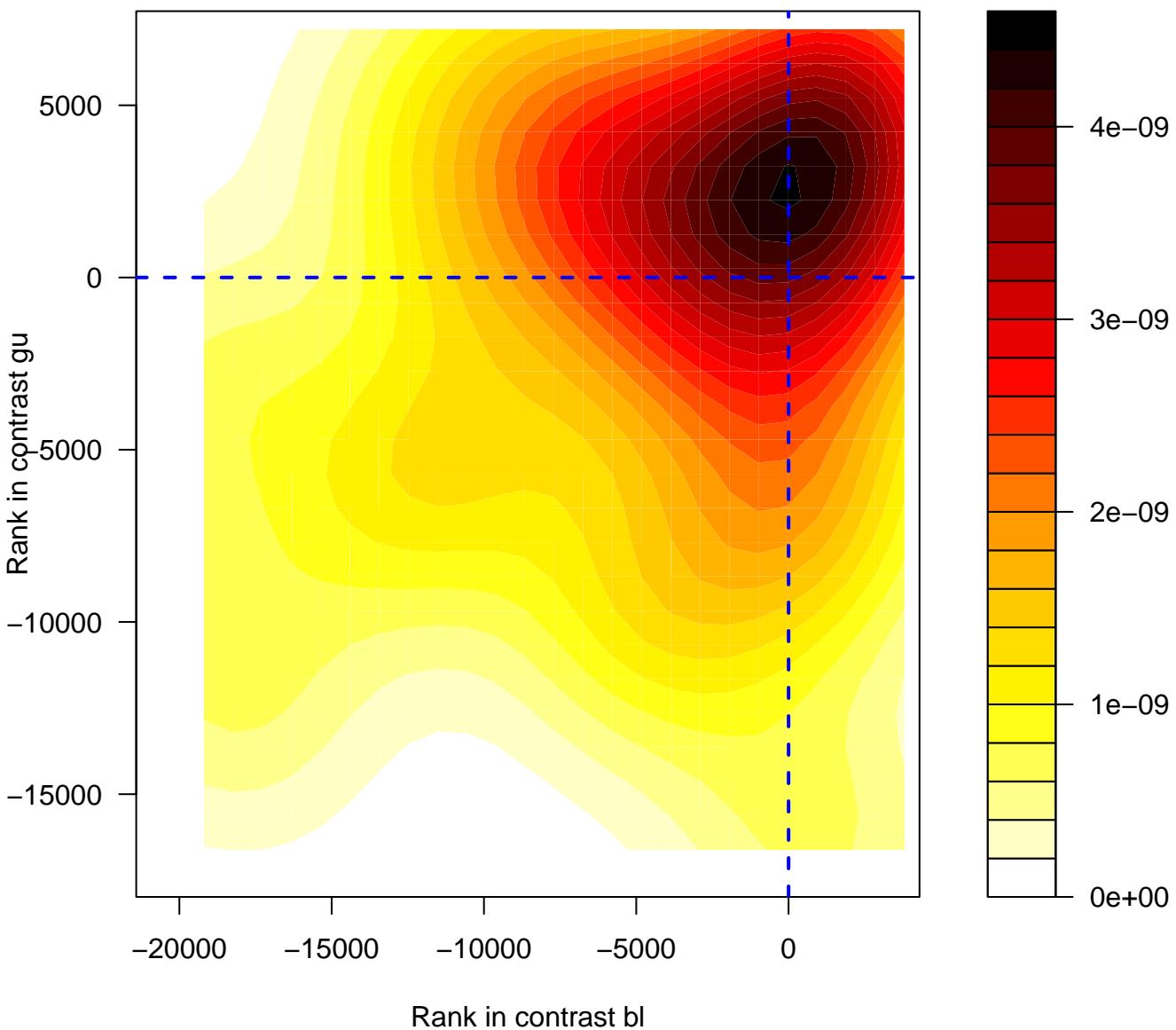
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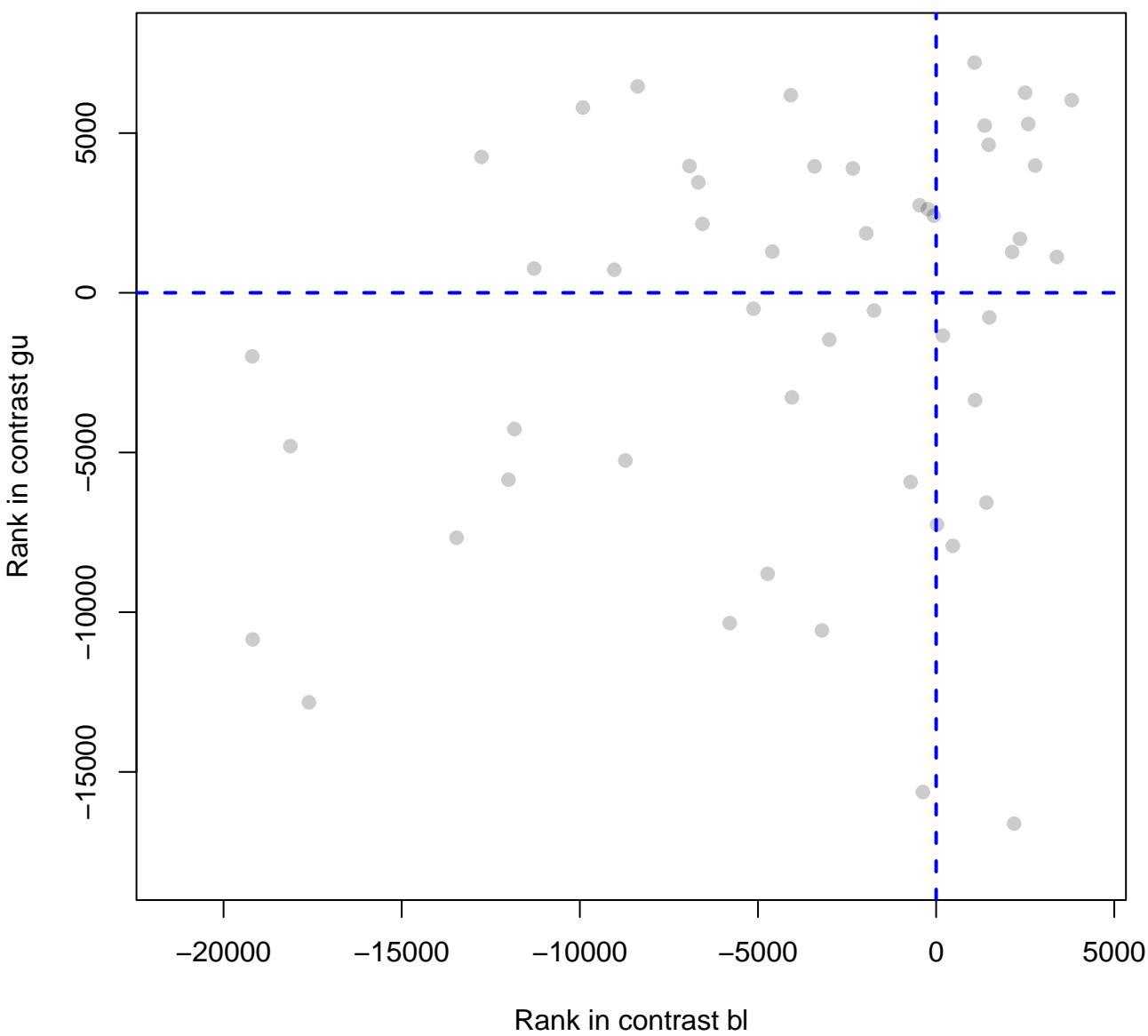
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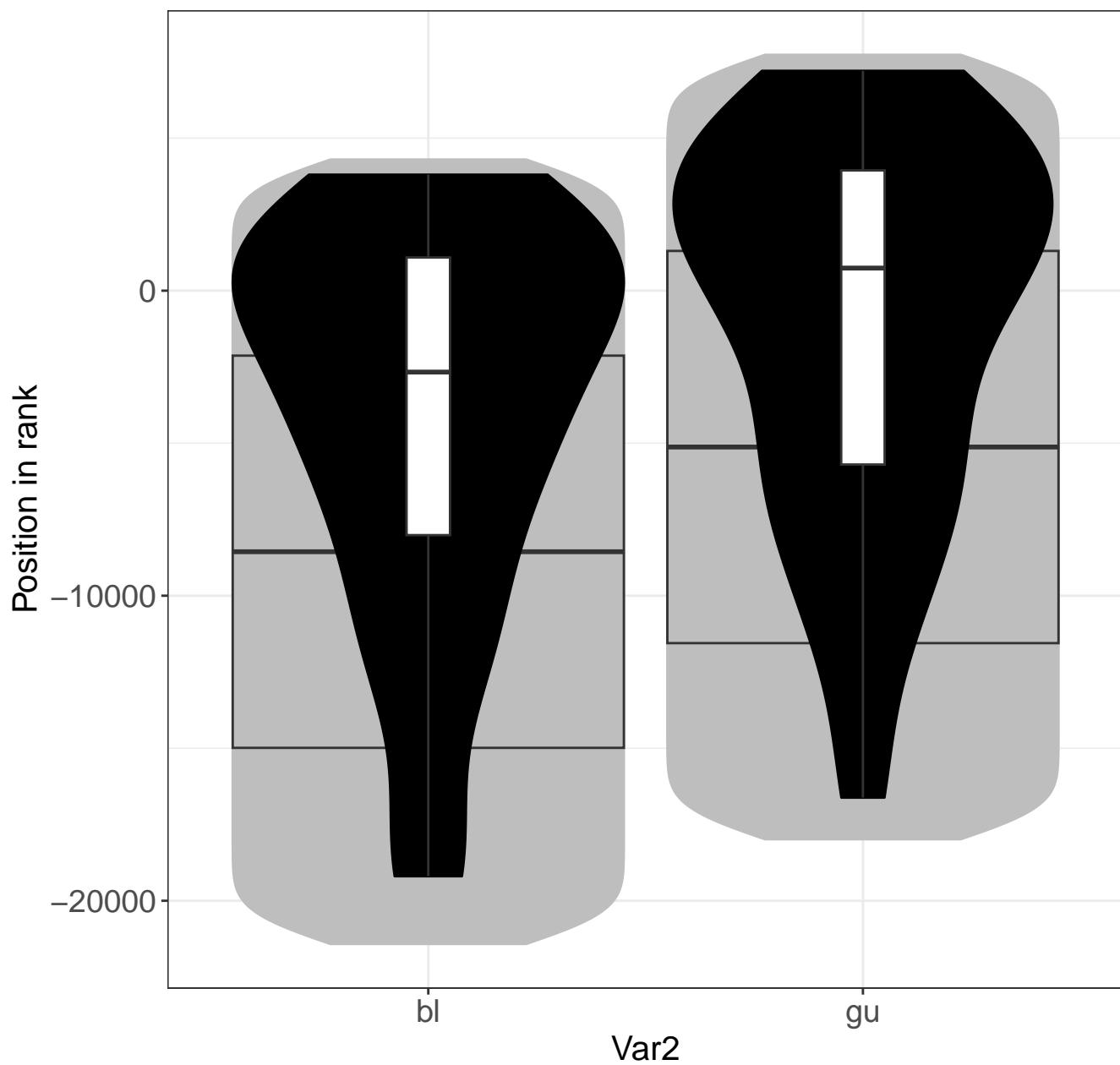
Vpu mediated degradation of CD4



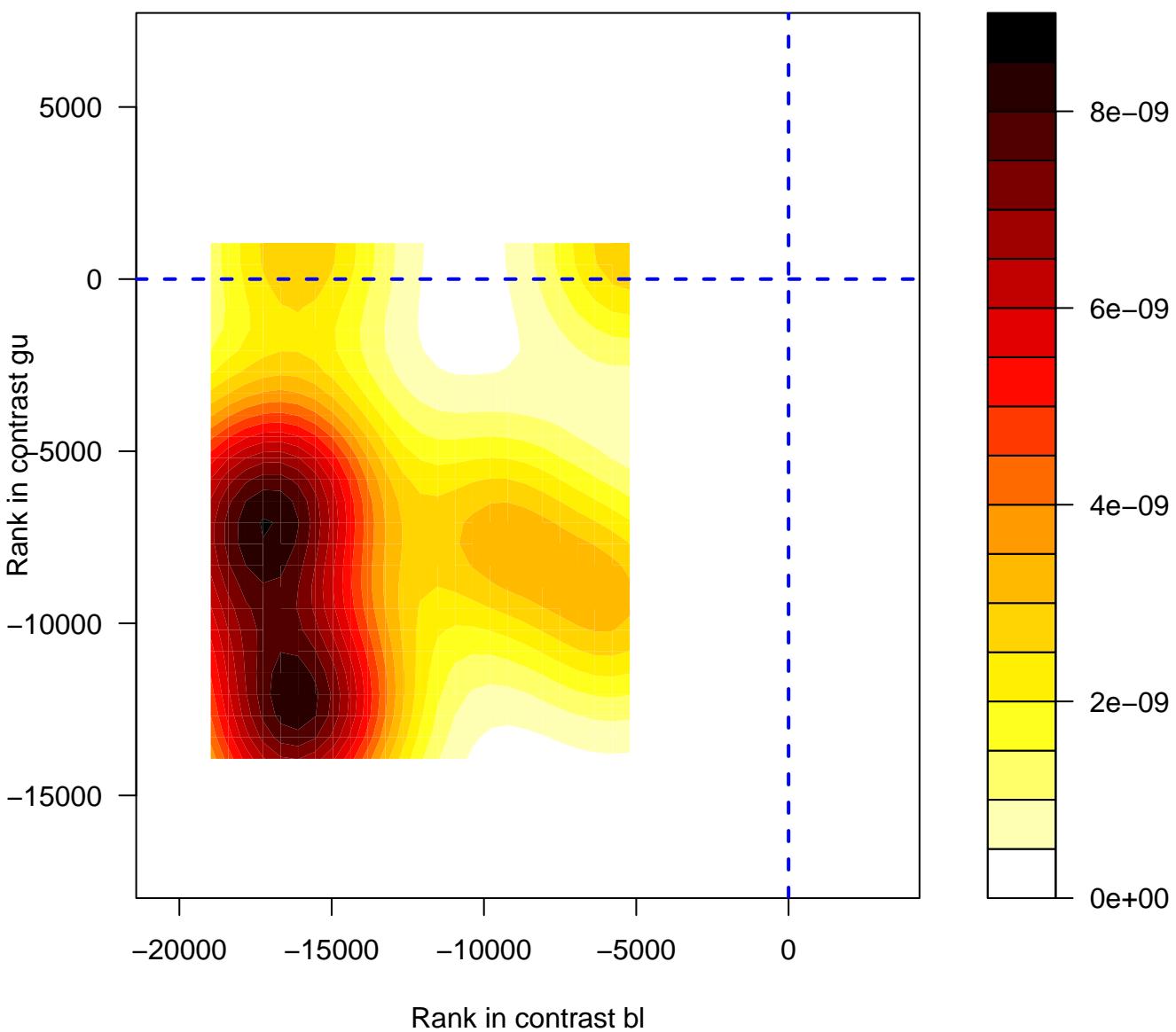
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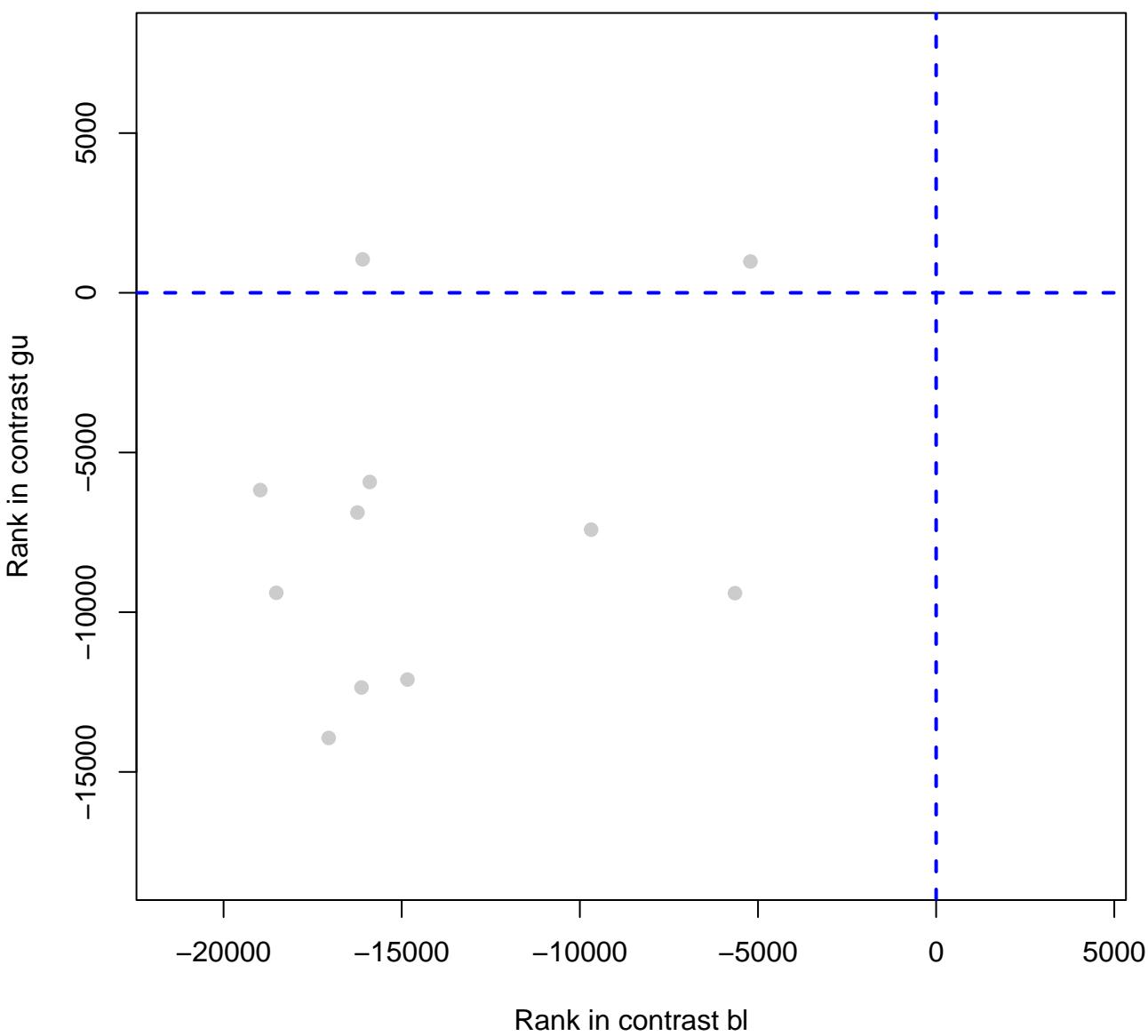
Vpu mediated degradation of CD4



Activation of RAC1

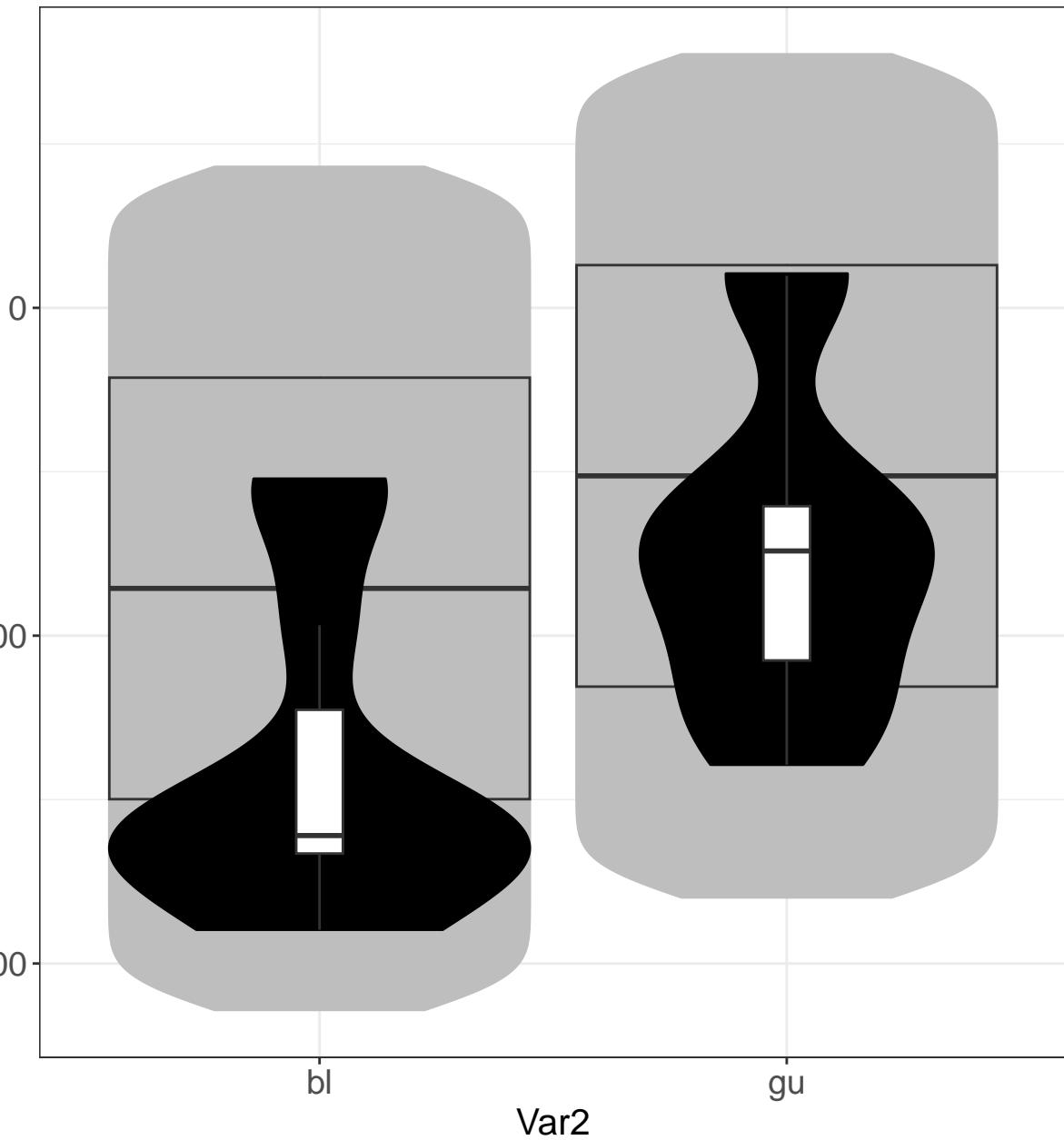


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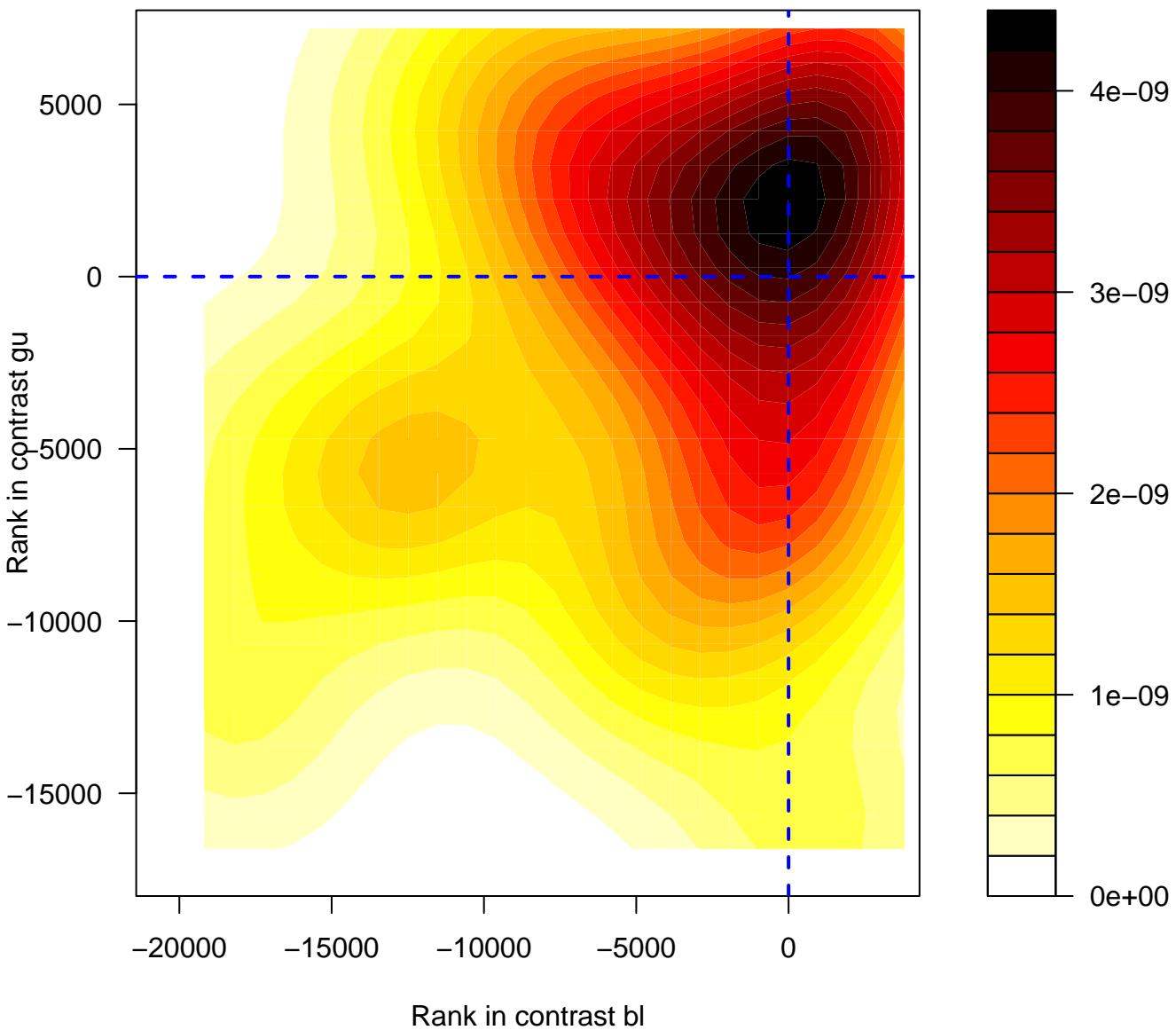


Activation of RAC1

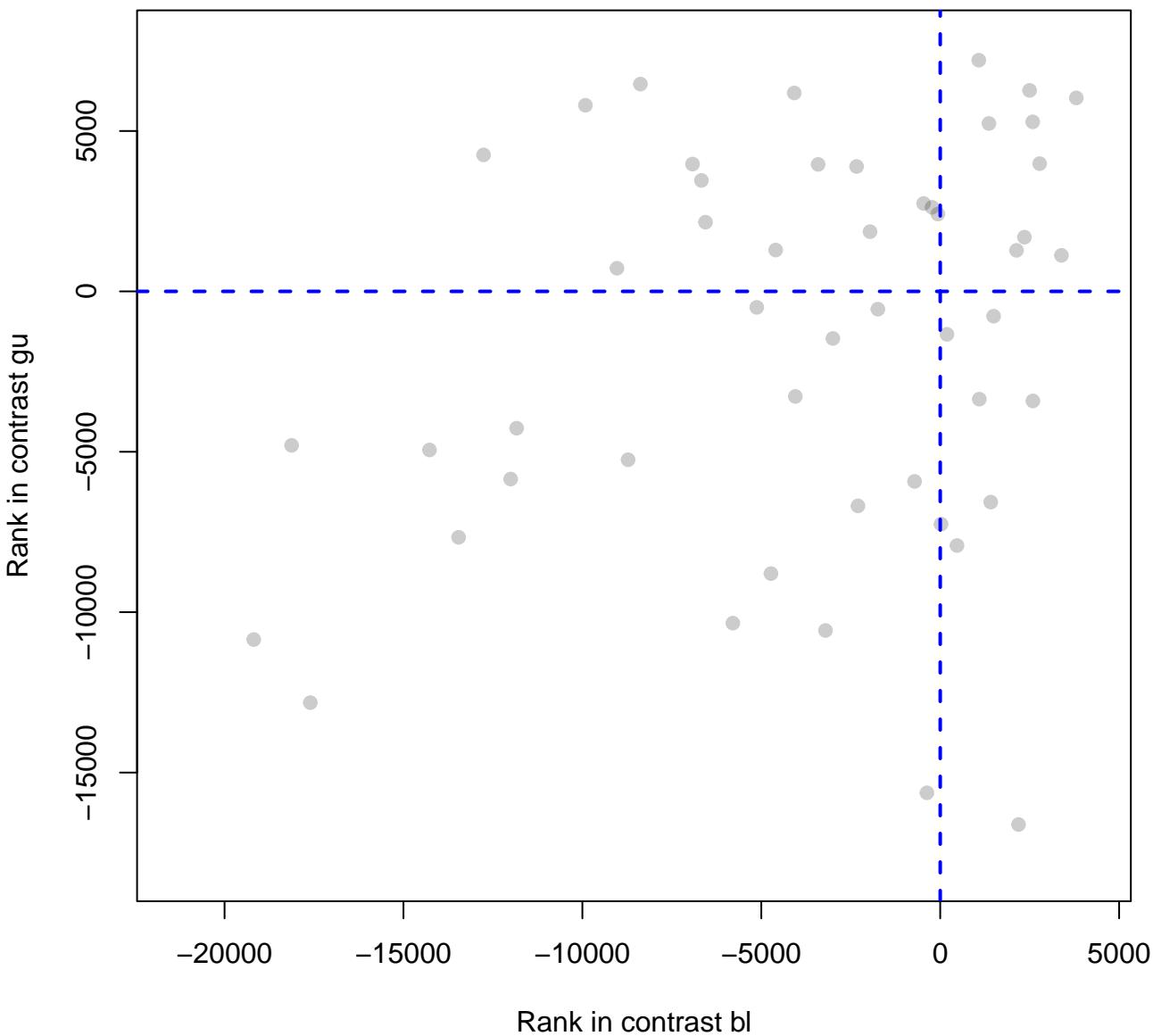
Position in rank



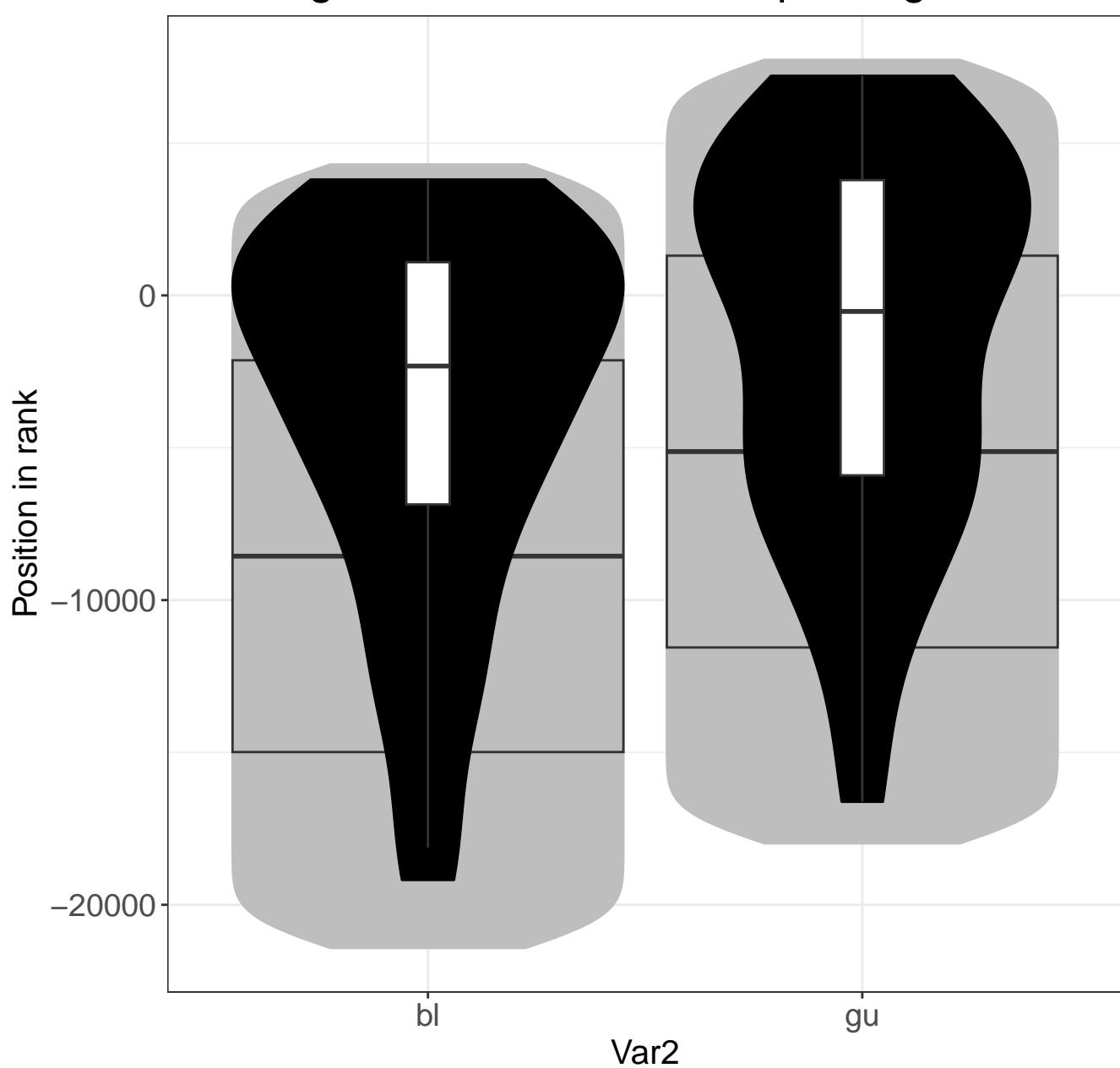
Autodegradation of the E3 ubiquitin ligase COP1



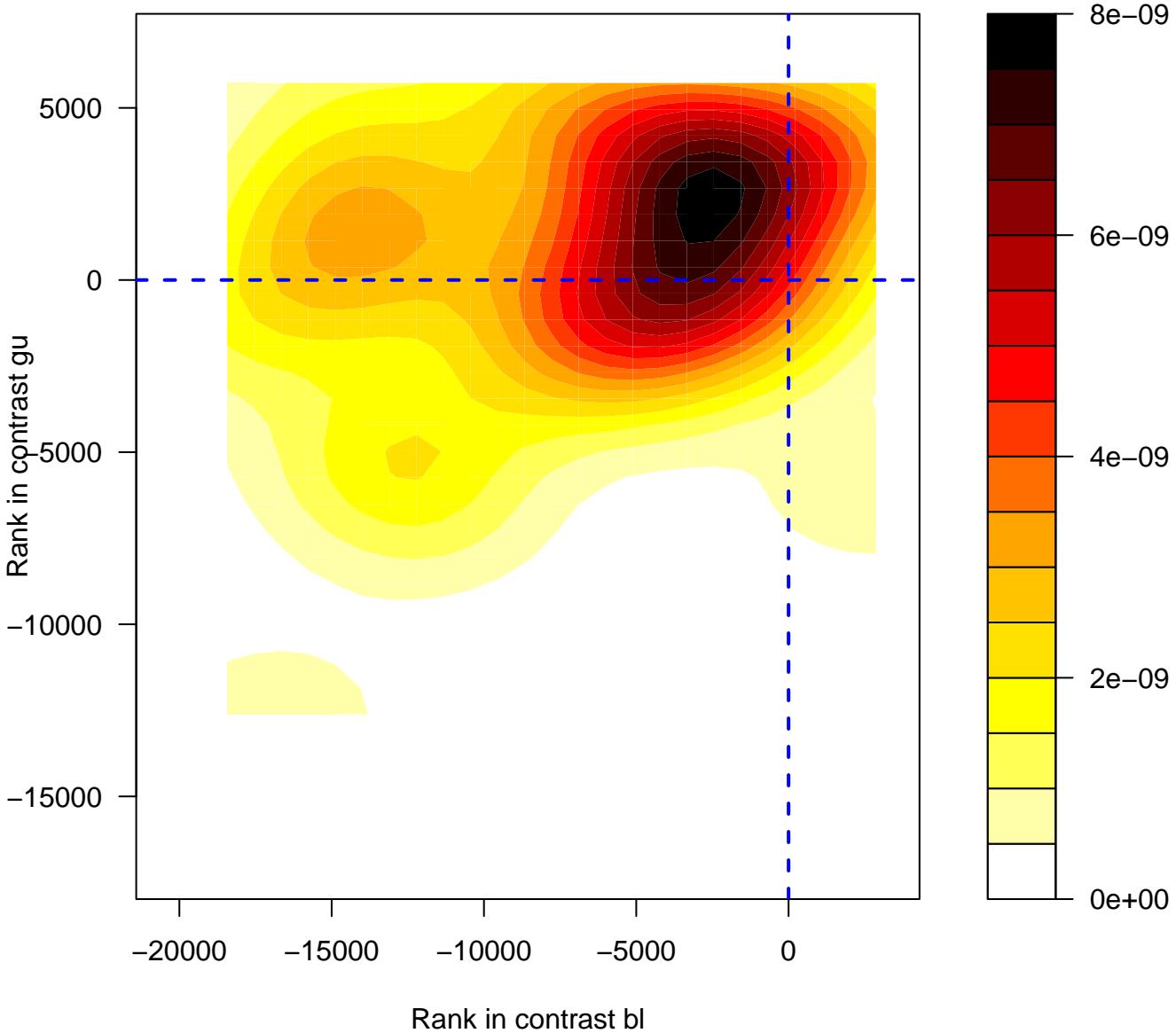
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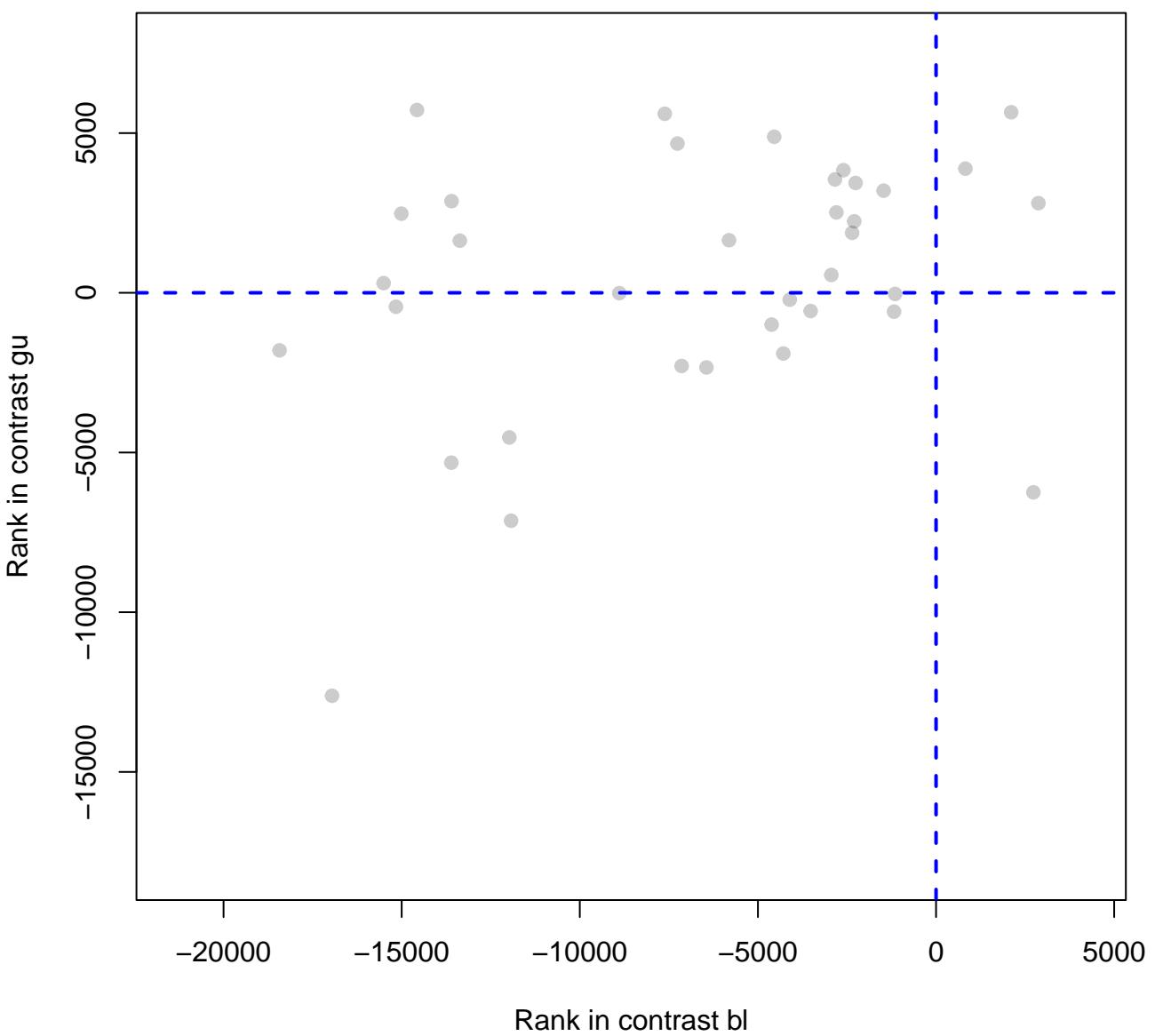
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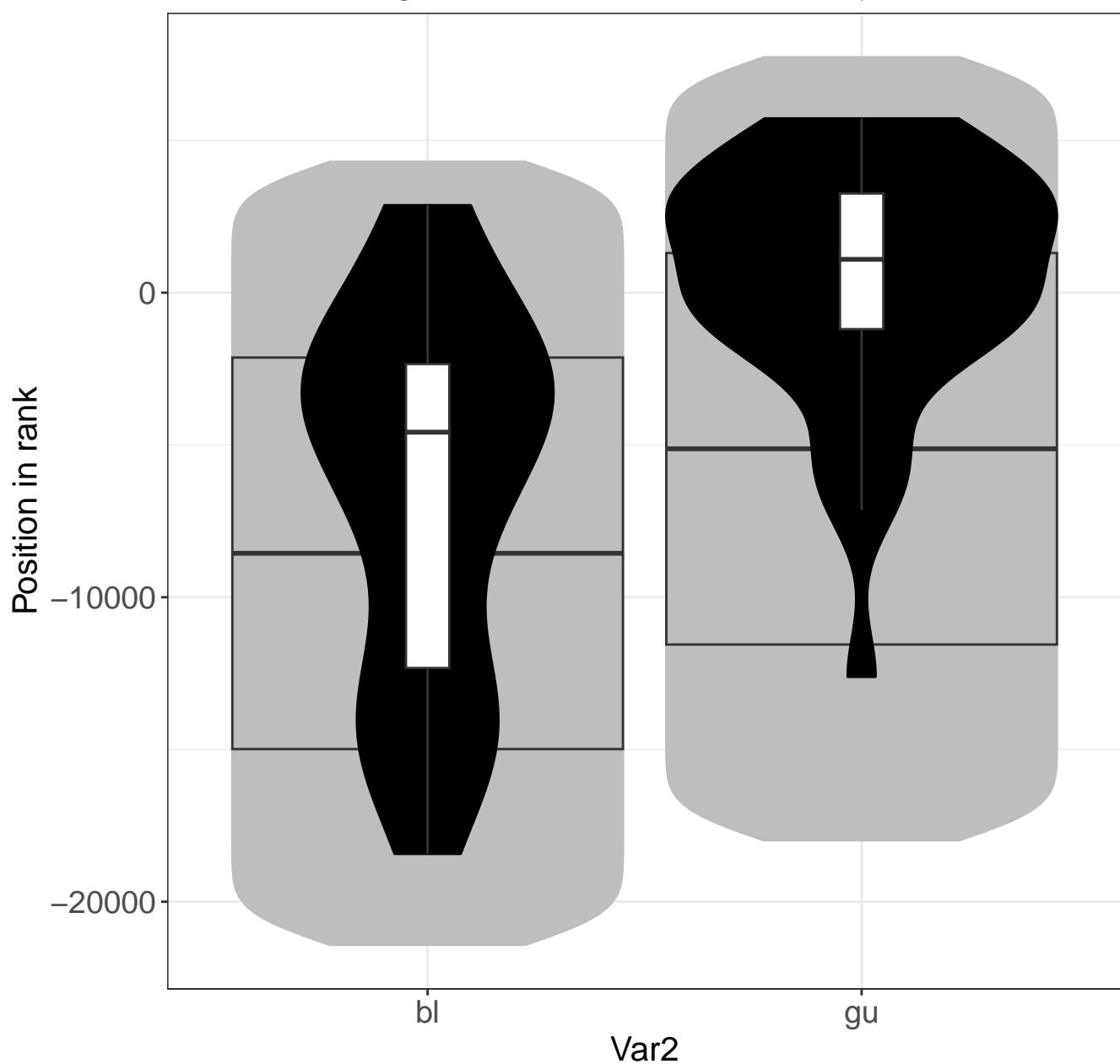
Aberrant regulation of mitotic cell cycle due to RB1 defect



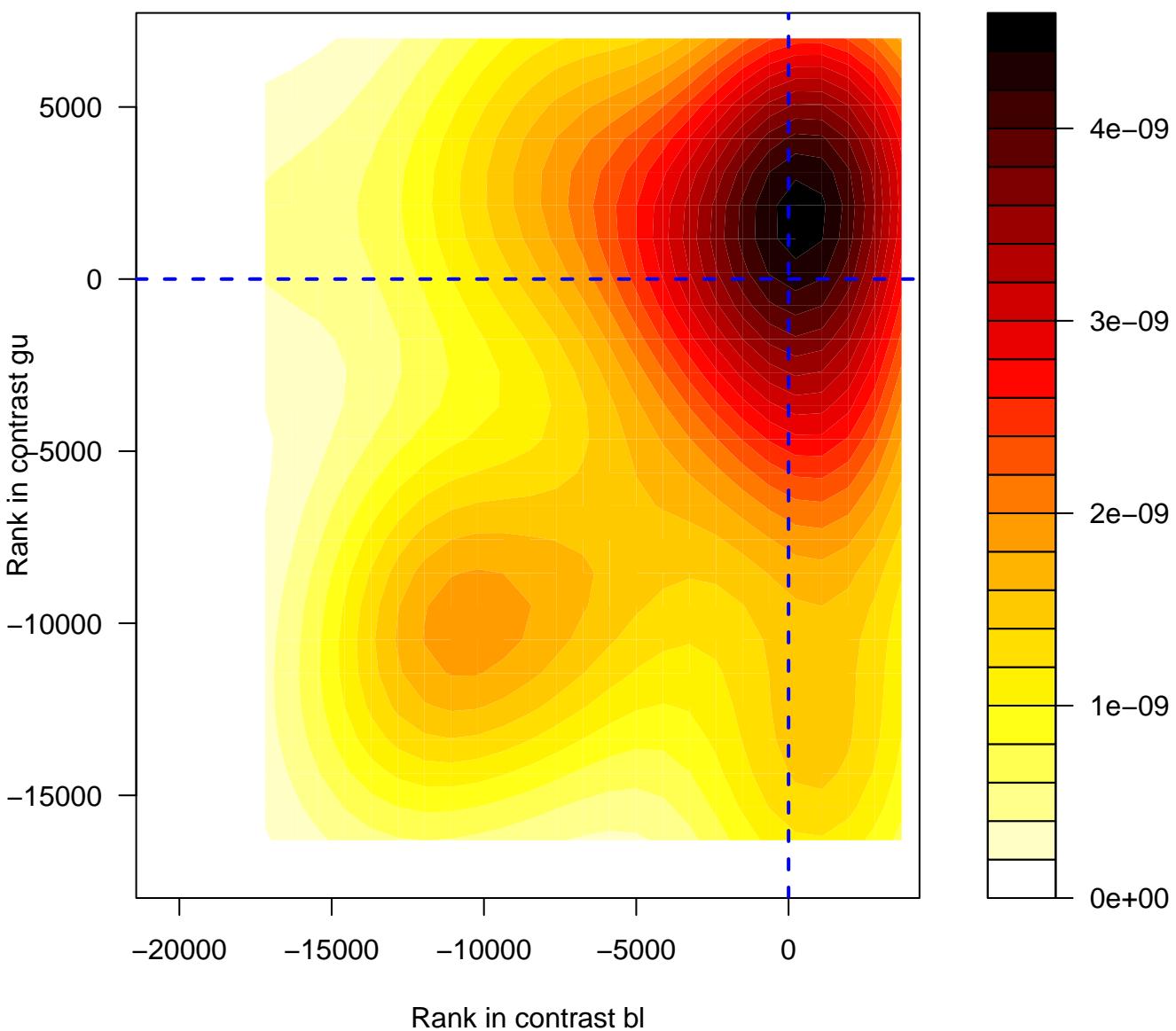
Aberrant regulation of mitotic cell cycle due to RB1 defects



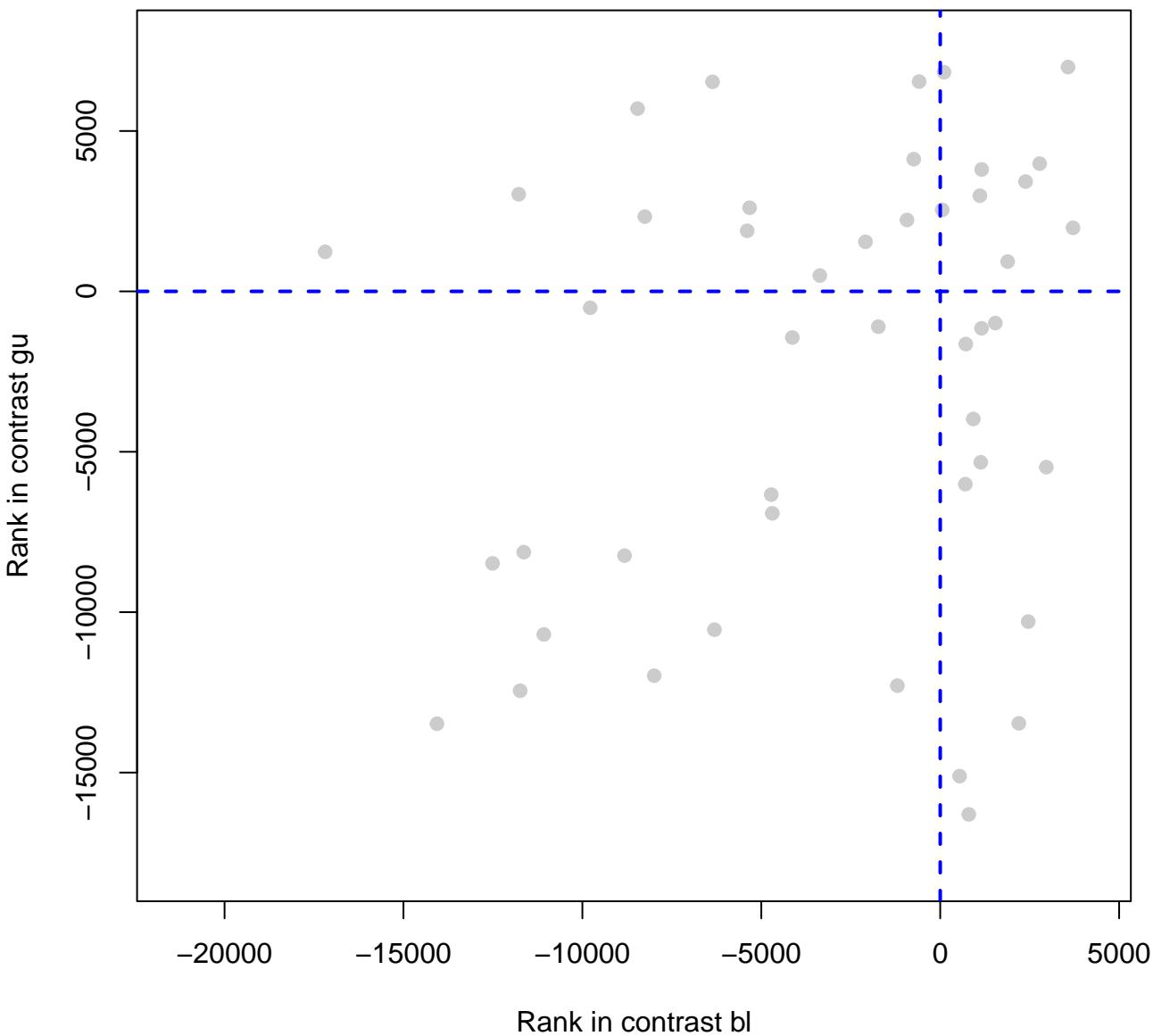
Aberrant regulation of mitotic cell cycle due to RE



formation 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

