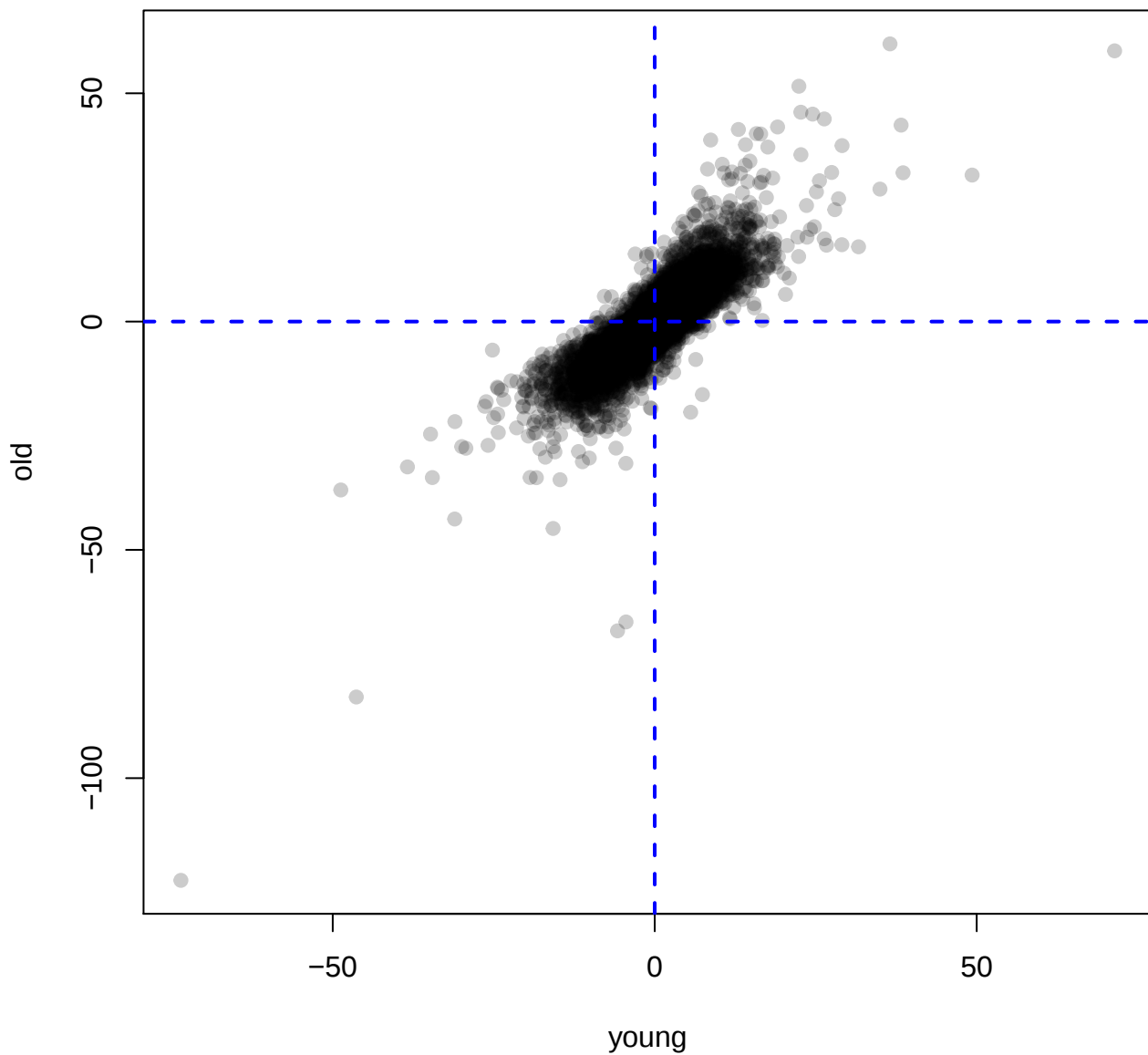
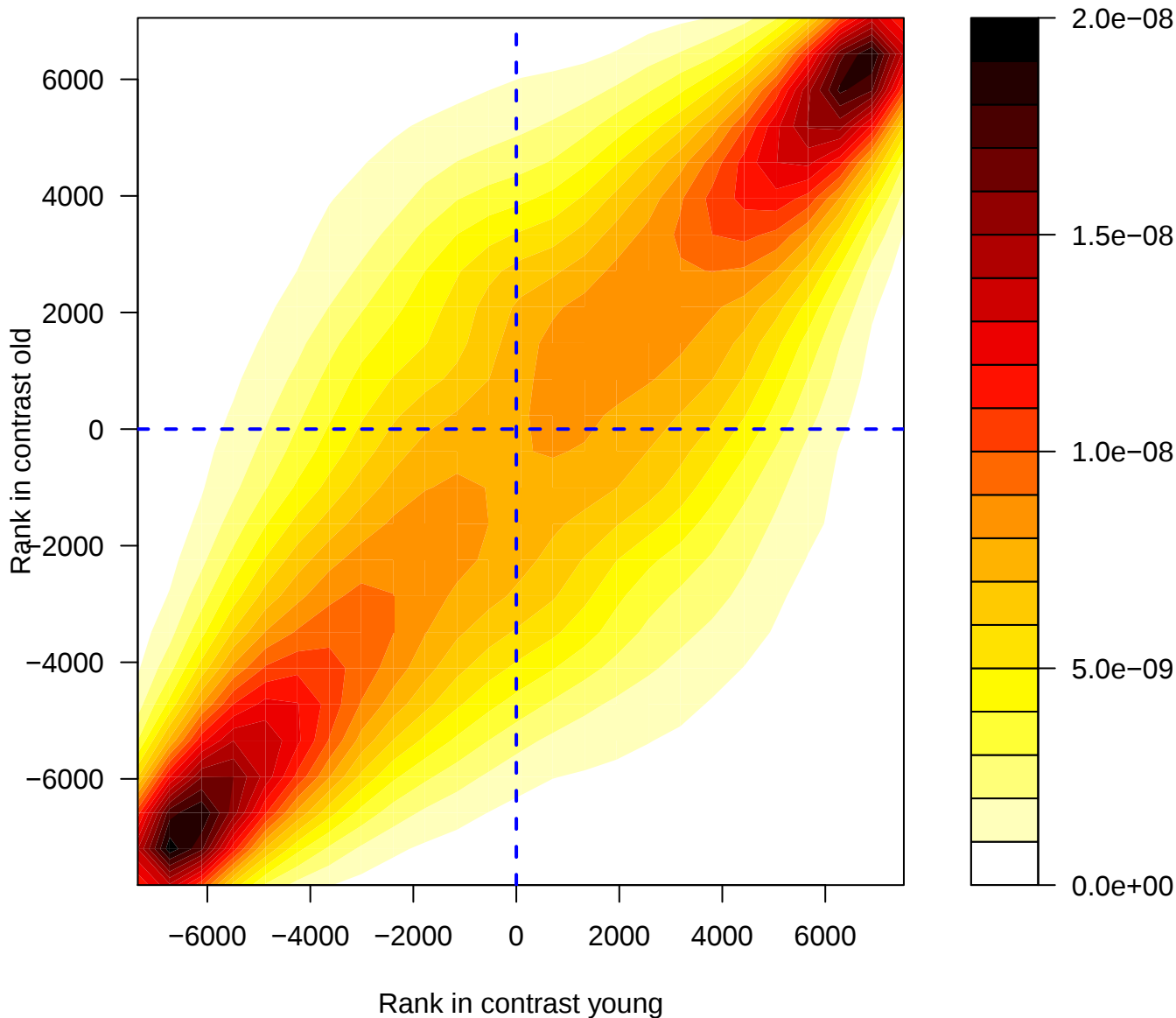


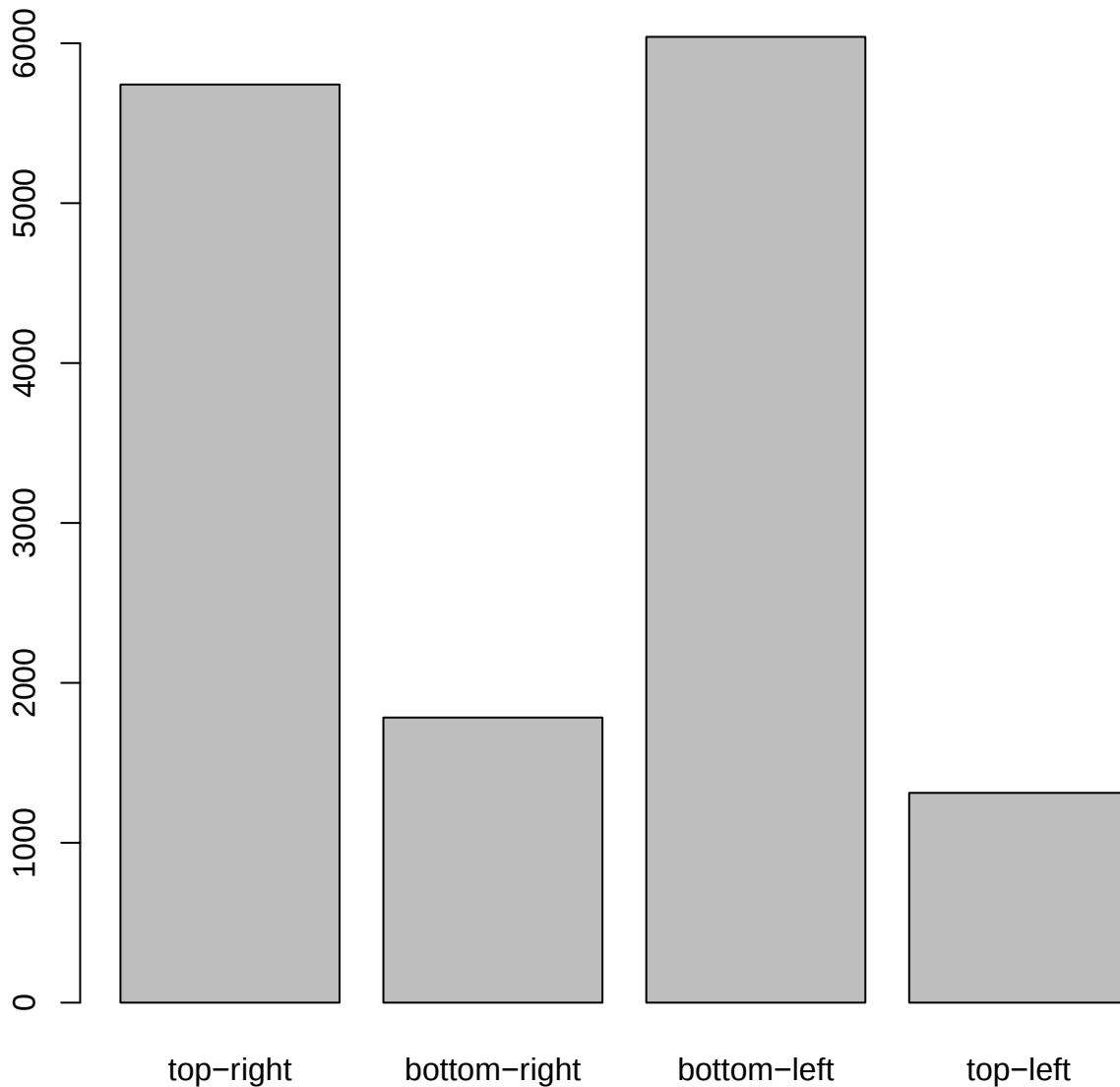
Scatterplot of all genes



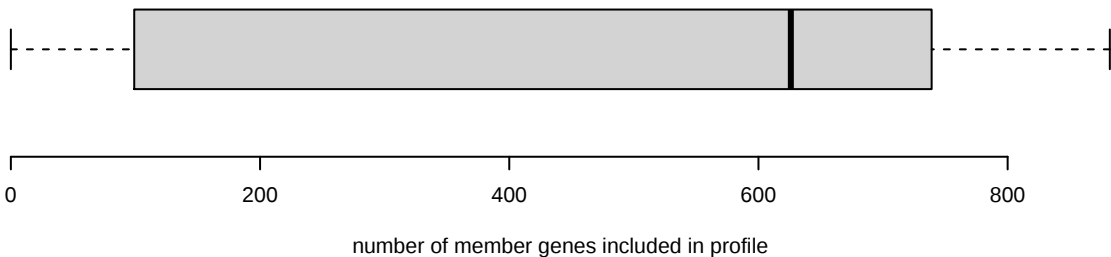
Rank-rank plot of all genes



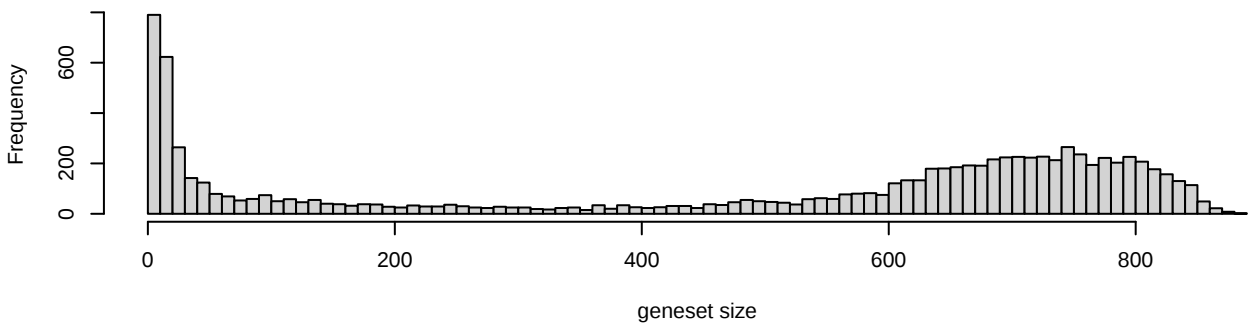
number of genes in each quadrant



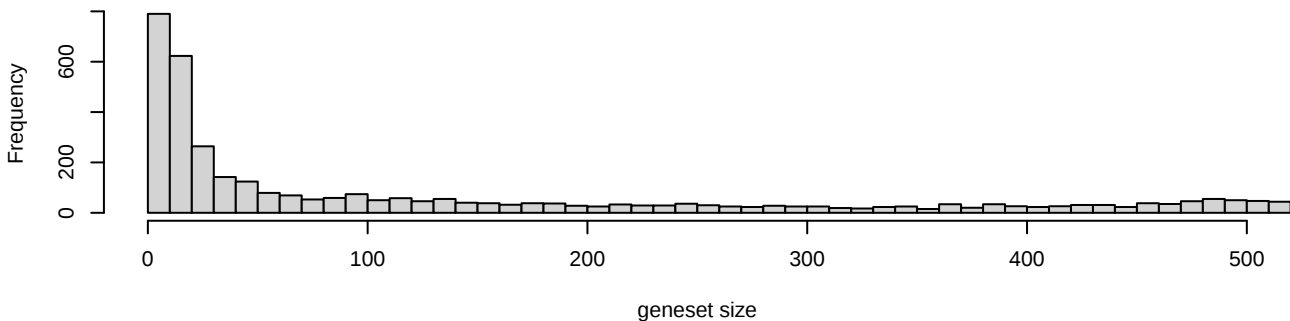
Gene set size



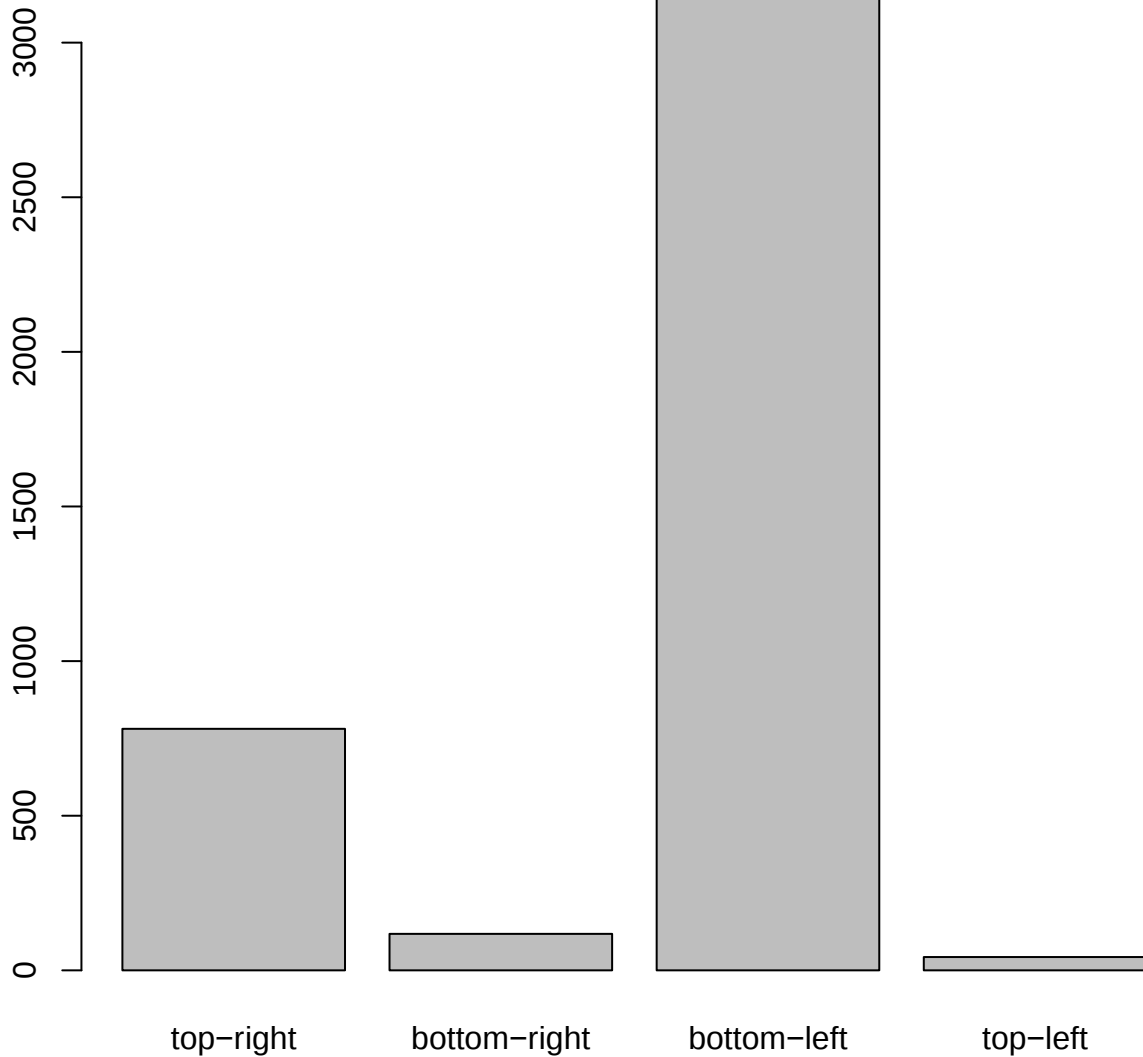
Histogram of geneset size



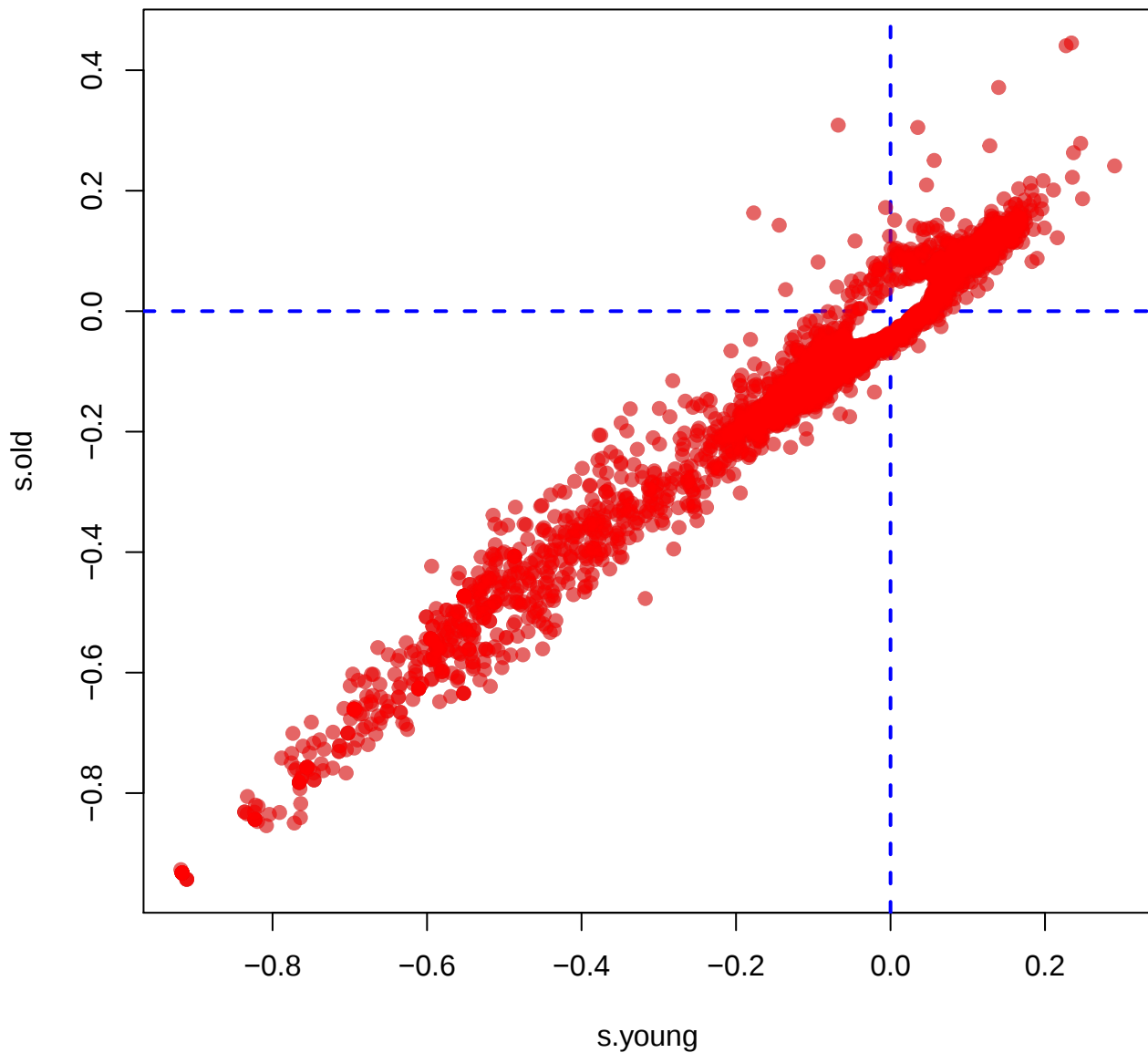
Trimmed histogram of geneset size



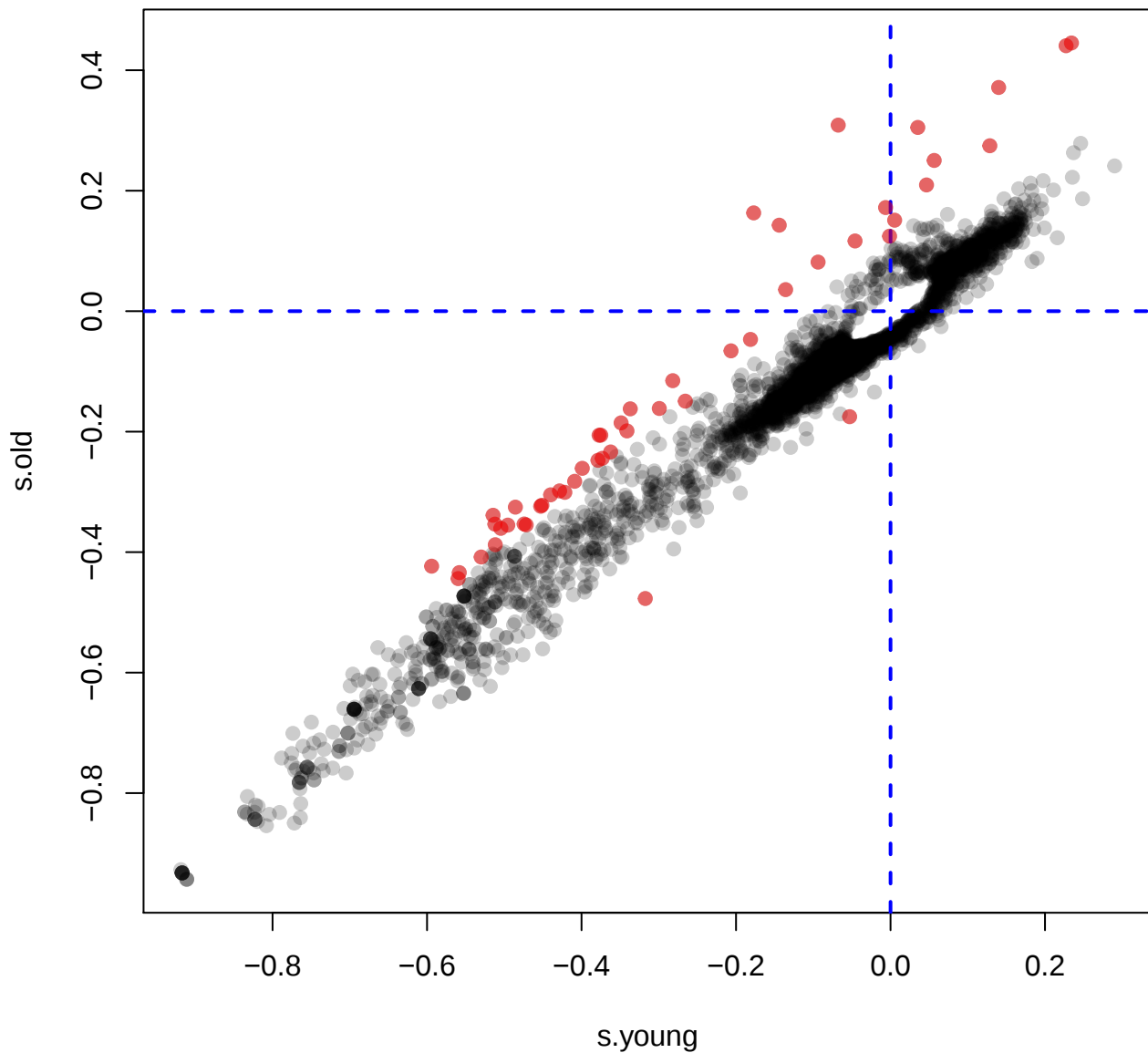
number of genesets FDR<0.05



Scatterplot of all gene sets; FDR<0.05 in red

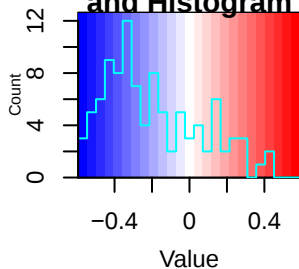


Scatterplot of all gene sets; top 50 in red



Color Key

and Histogram

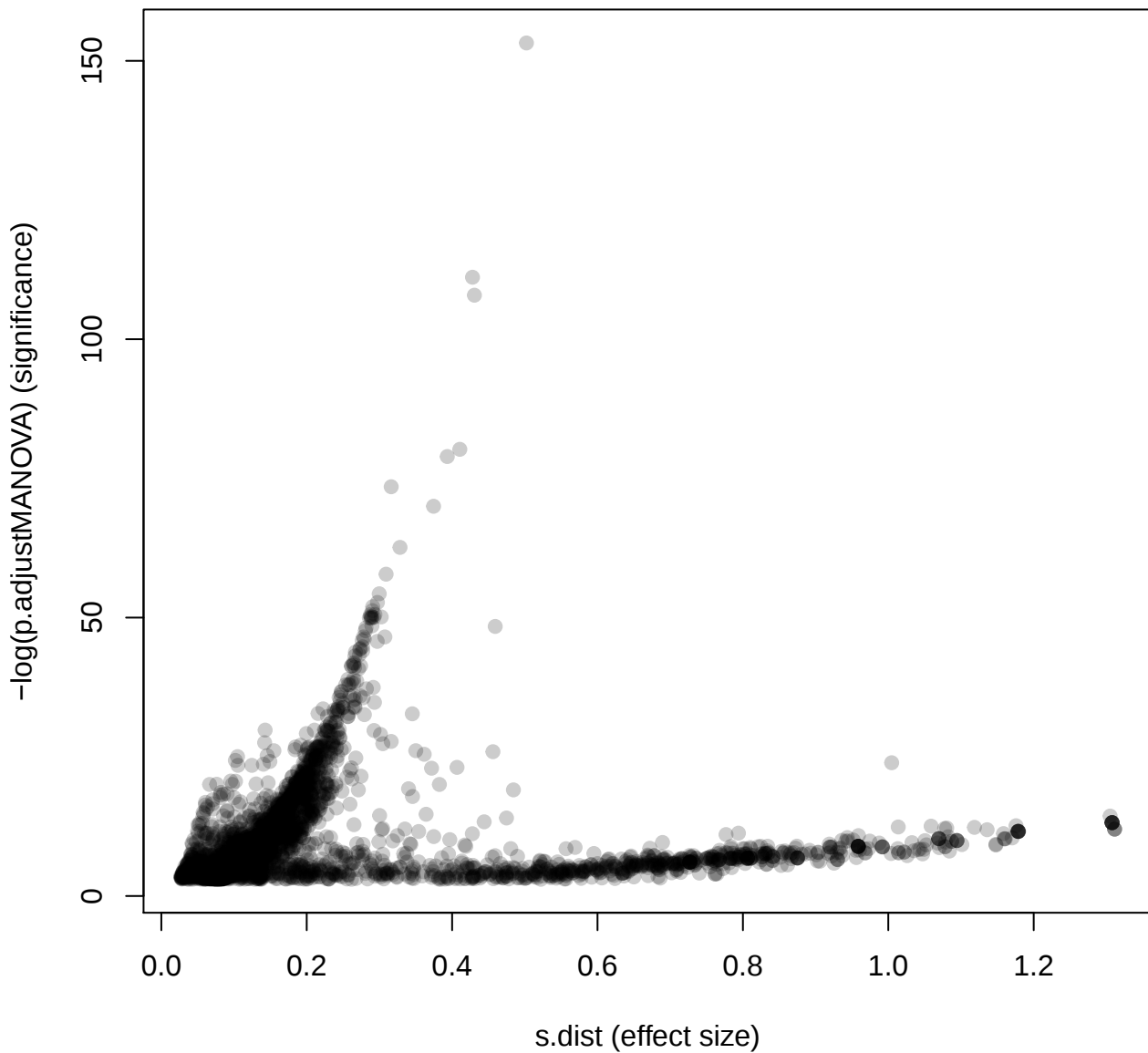


young

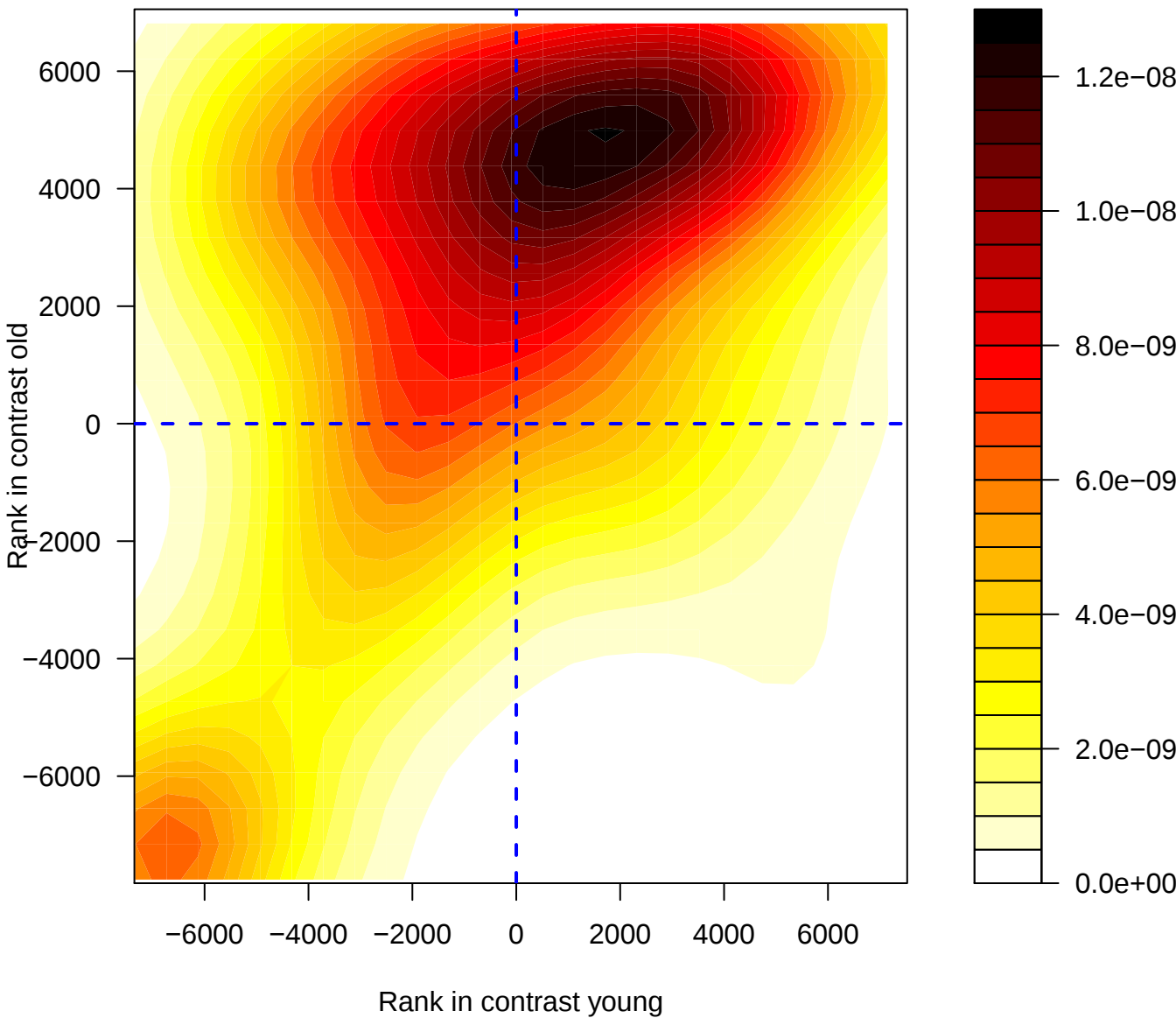
old

SPEN_MIN_Spermatocyte_84000
 IRF3_None_Macrophage_67638
 IRF3_None_Macrophage_67637
 STAT2_None_Macrophage_51910
 IRF8_None_BLymphocyte_55757
 MKL1_NIH-3T3_Fibroblast_44152
 ATF3_None_Macrophage_48323
 TRIM63_None_None_55317
 GTF2B_None_None_50212
 NLRC5_None_TLymphocyte_51237
 ATF3_None_Macrophage_48322
 TCF7L2_None_CardiacVentricles_88407
 SOX2_None_EmbryonicStemCell_71761
 DNMT3L_E14_EmbryonicStemCell_41874
 PDX1_NB490_Pancreaticacinarcell_86064
 AR_None_None_54399
 NLRC5_None_TLymphocyte_51240
 JARID2_None_EmbryonicStemCell_4394
 SUV39H1_None_TLymphocyte_82053
 NBN_None_BLymphocyte_55330
 MYC_None_EmbryonicStemCell_68413
 ETV2_None_EmbryonicStemCell_52256
 CBX5_None_EmbryonicStemCell_55191
 SPI1_None_Macrophage_47483
 JARID2_None_EmbryonicStemCell_51022

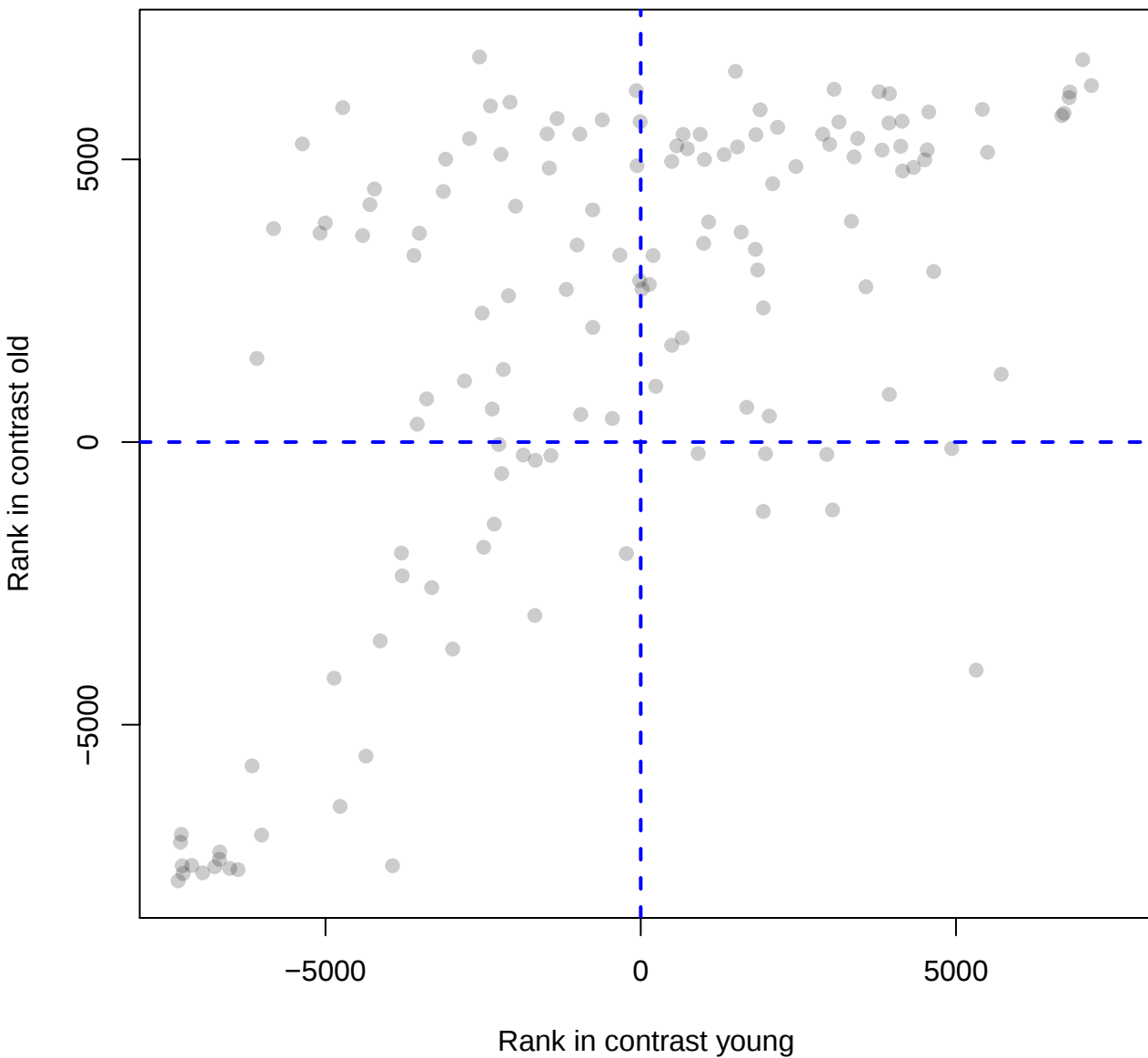
effect size versus statistical significance



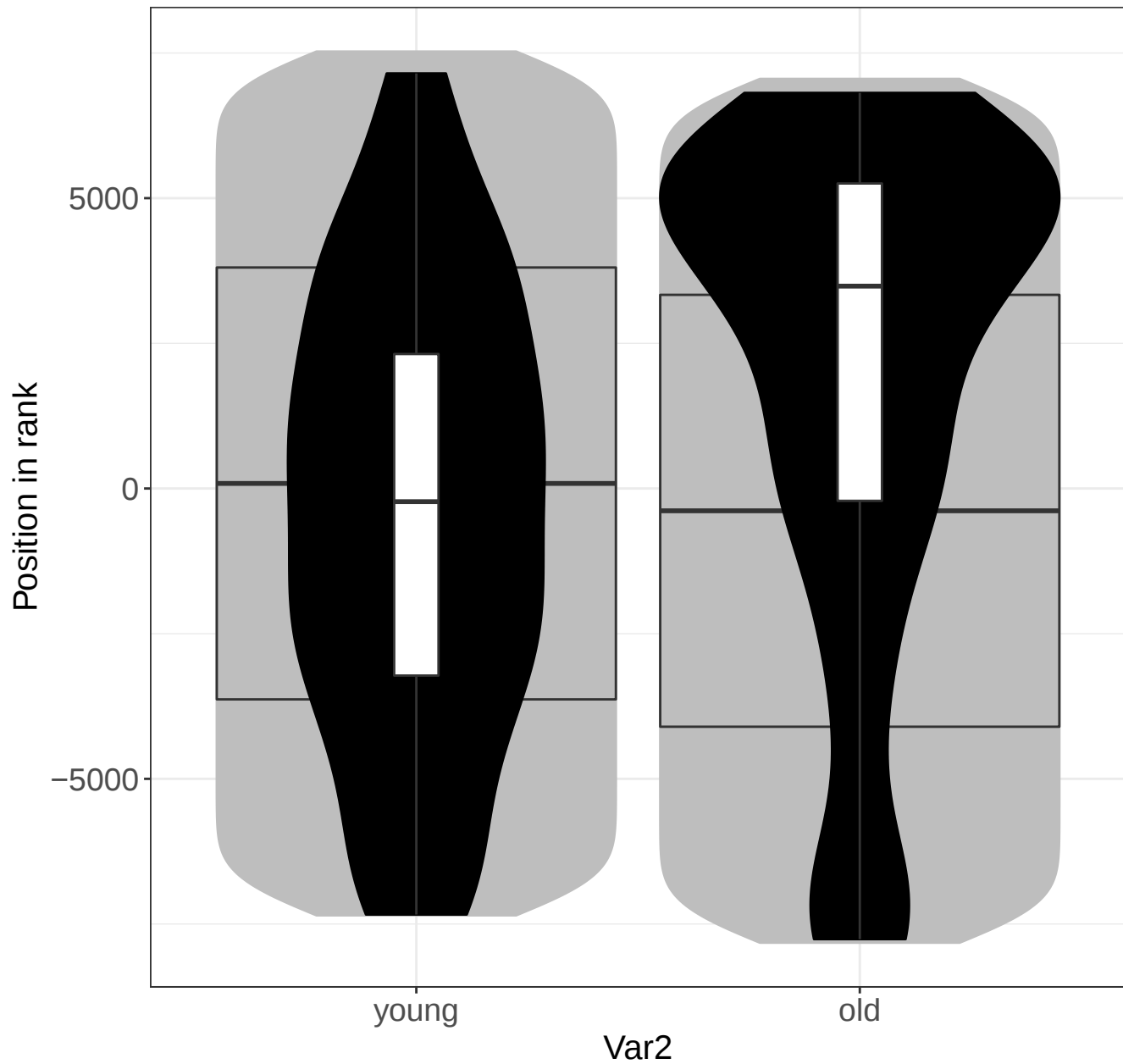
STAT2_None_Macrophage_51910



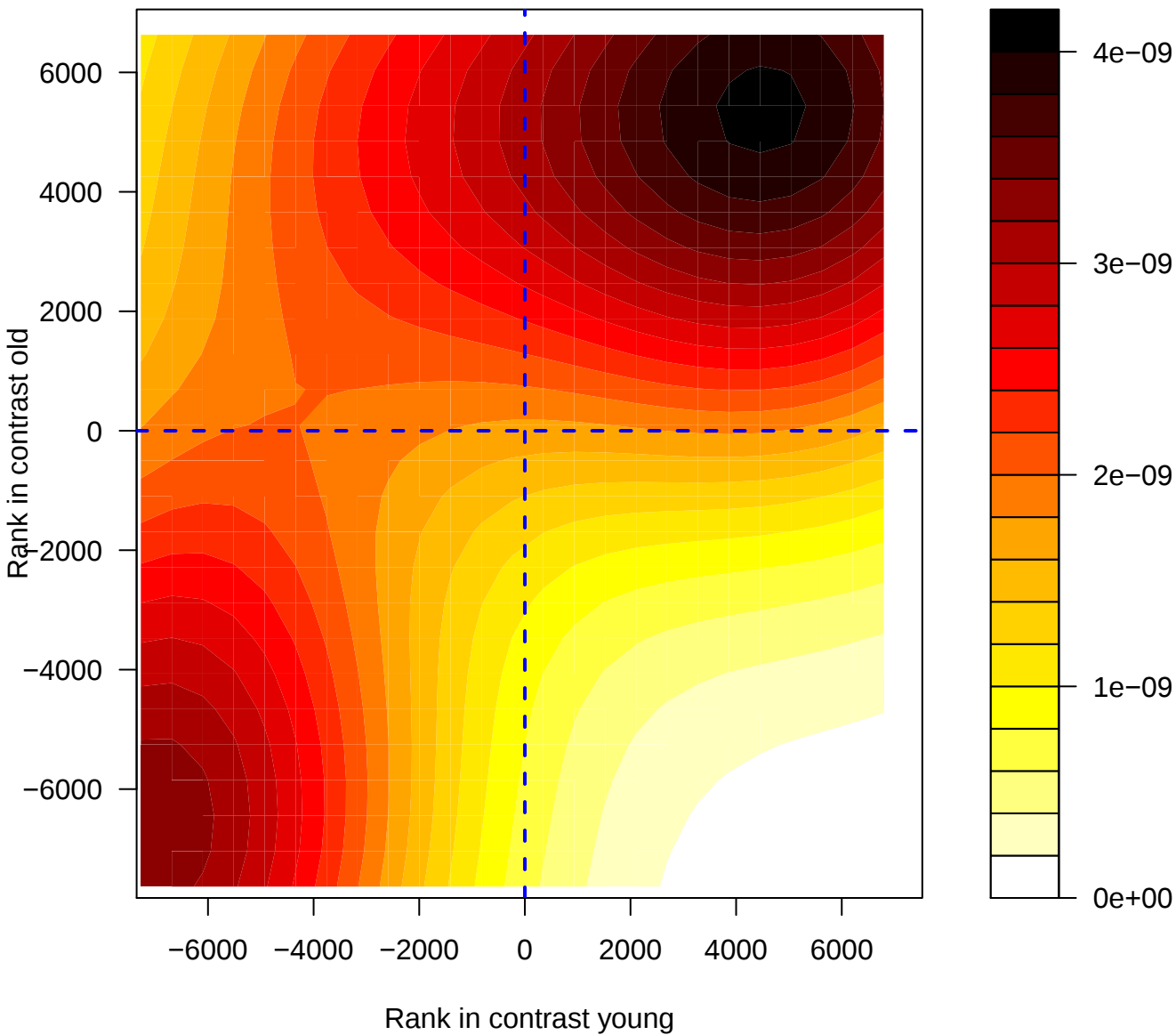
STAT2_None_Macrophage_51910



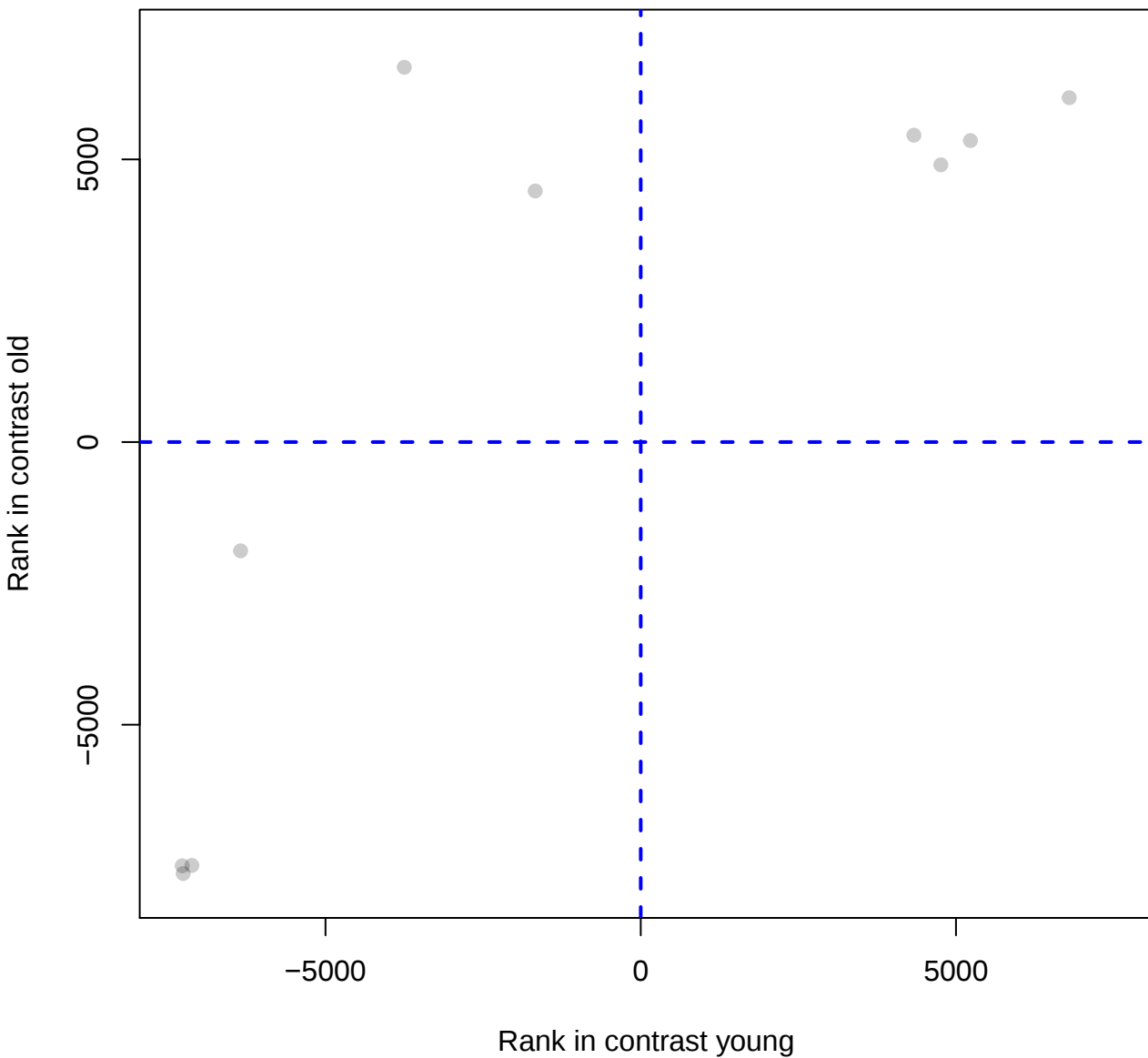
STAT2_None_Macrophage_51910



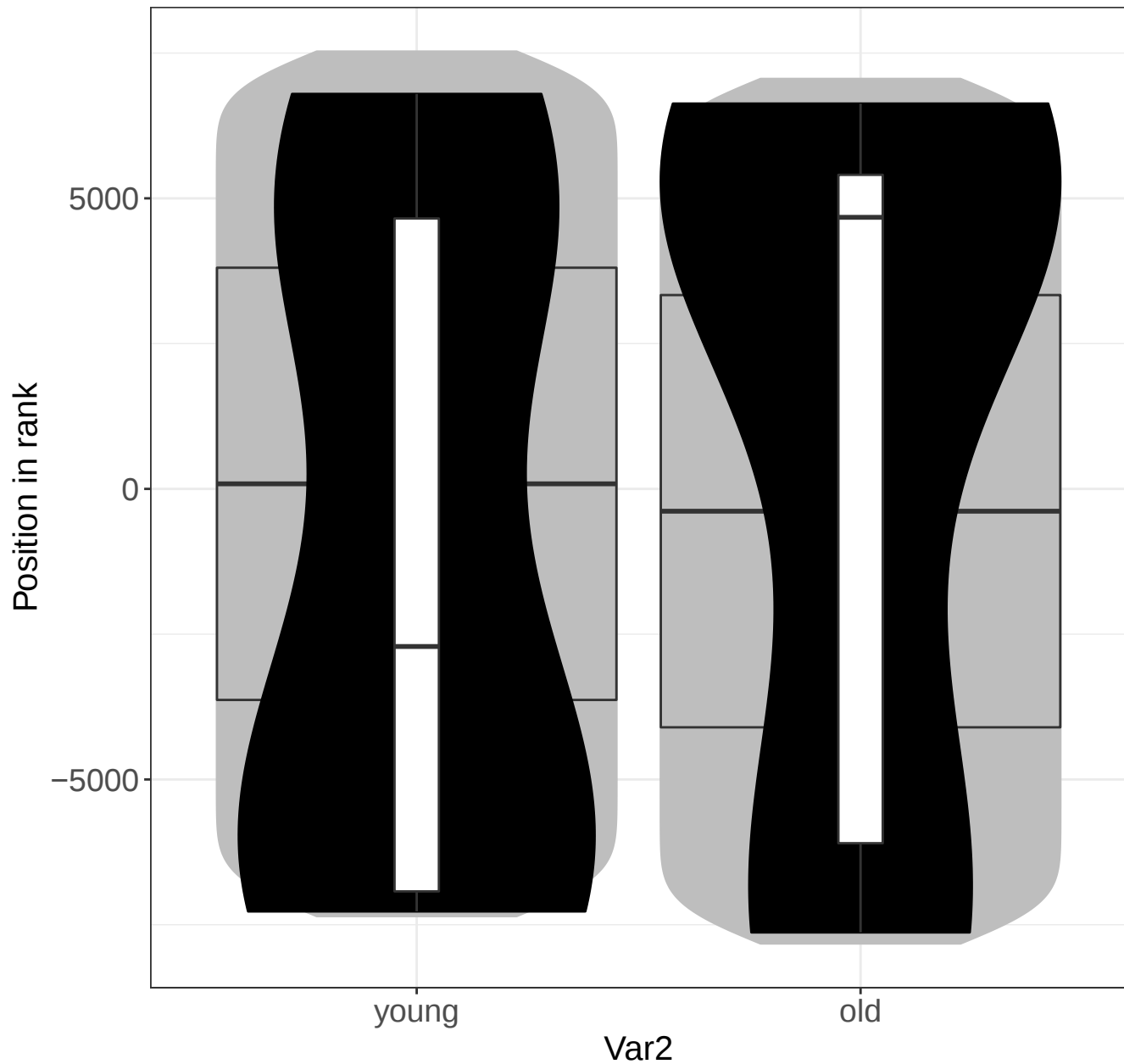
ATF3_None_Macrophage_48323



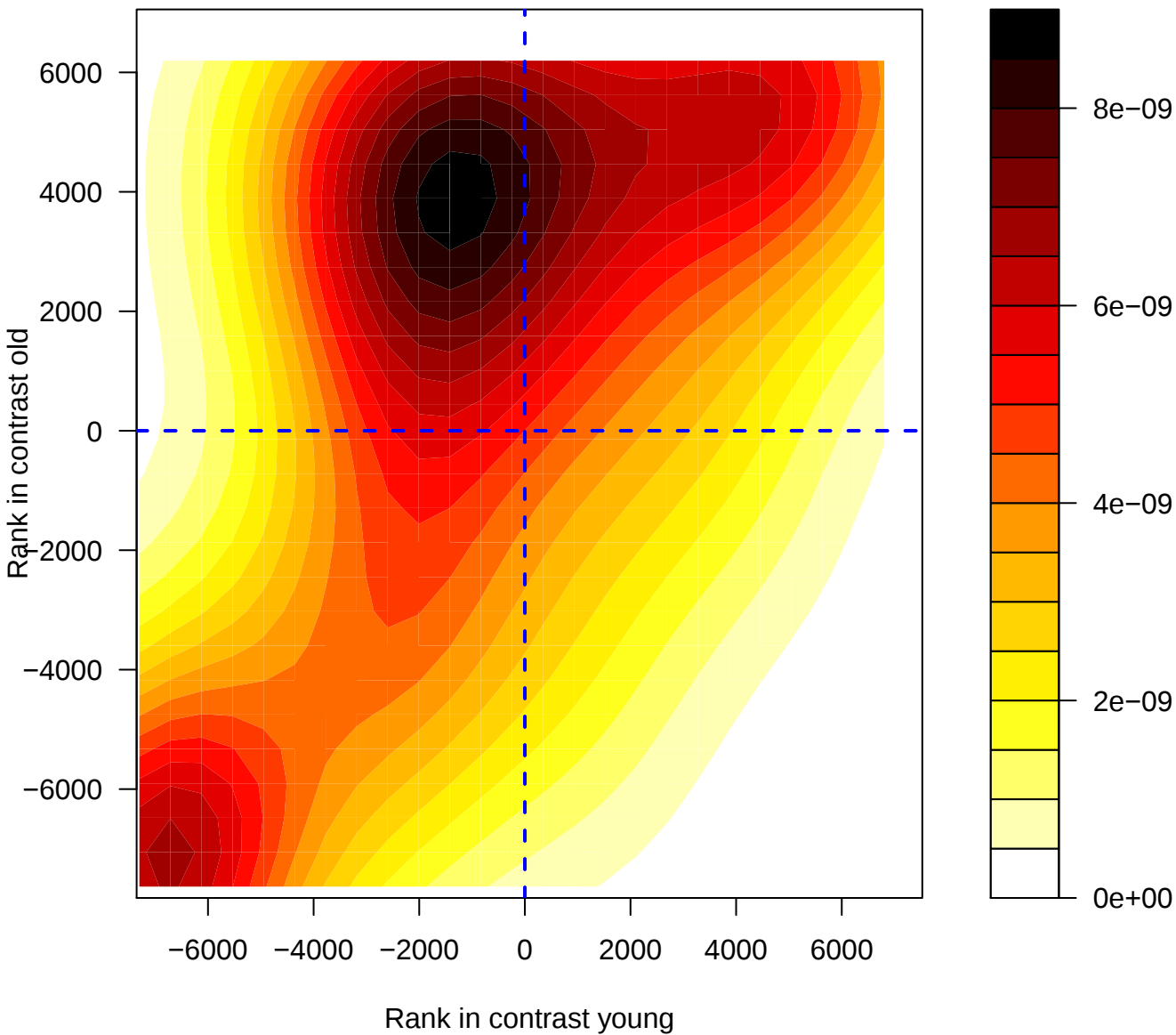
ATF3_None_Macrophage_48323



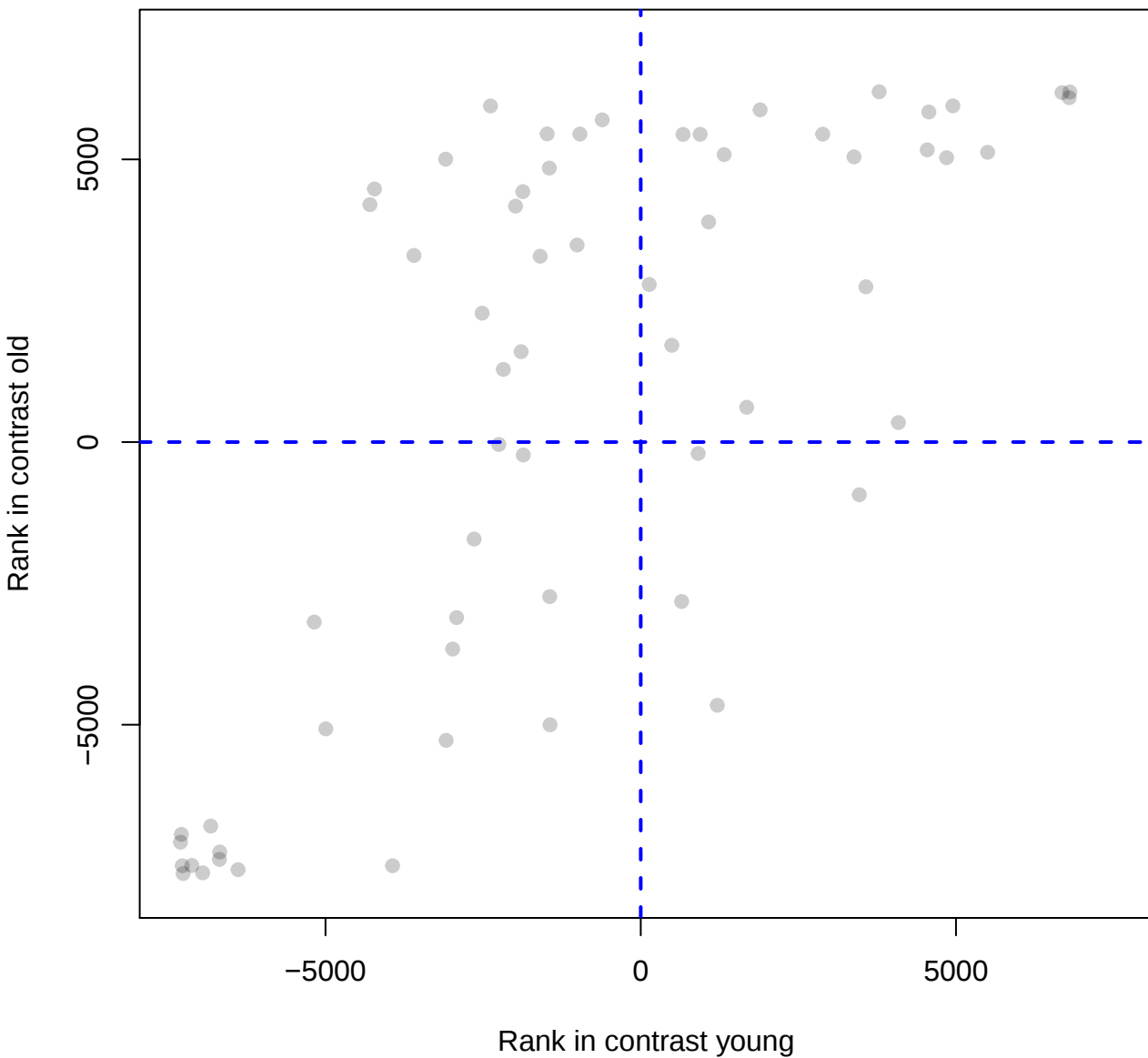
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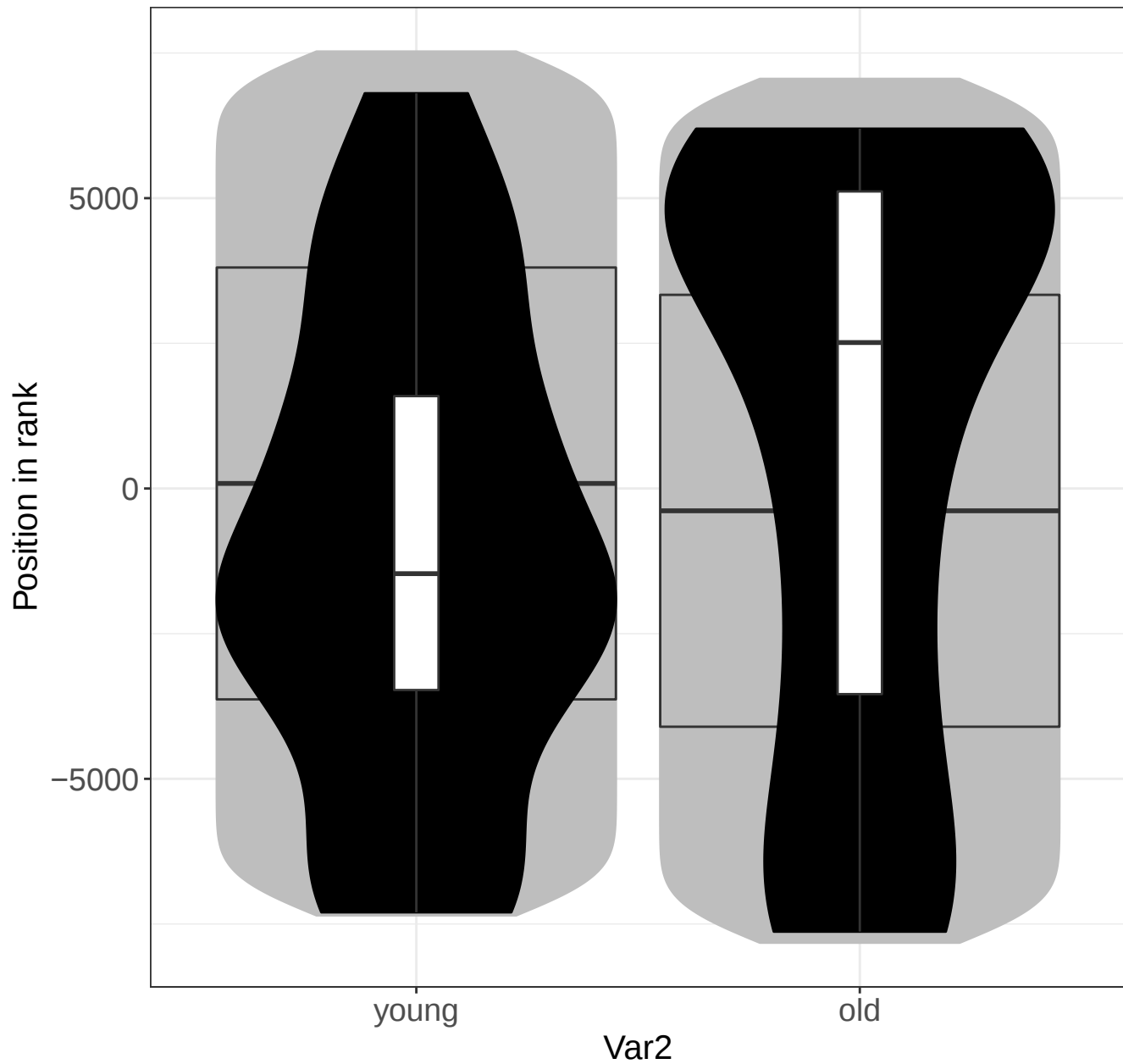
STAT1_None_Macrophage_38373



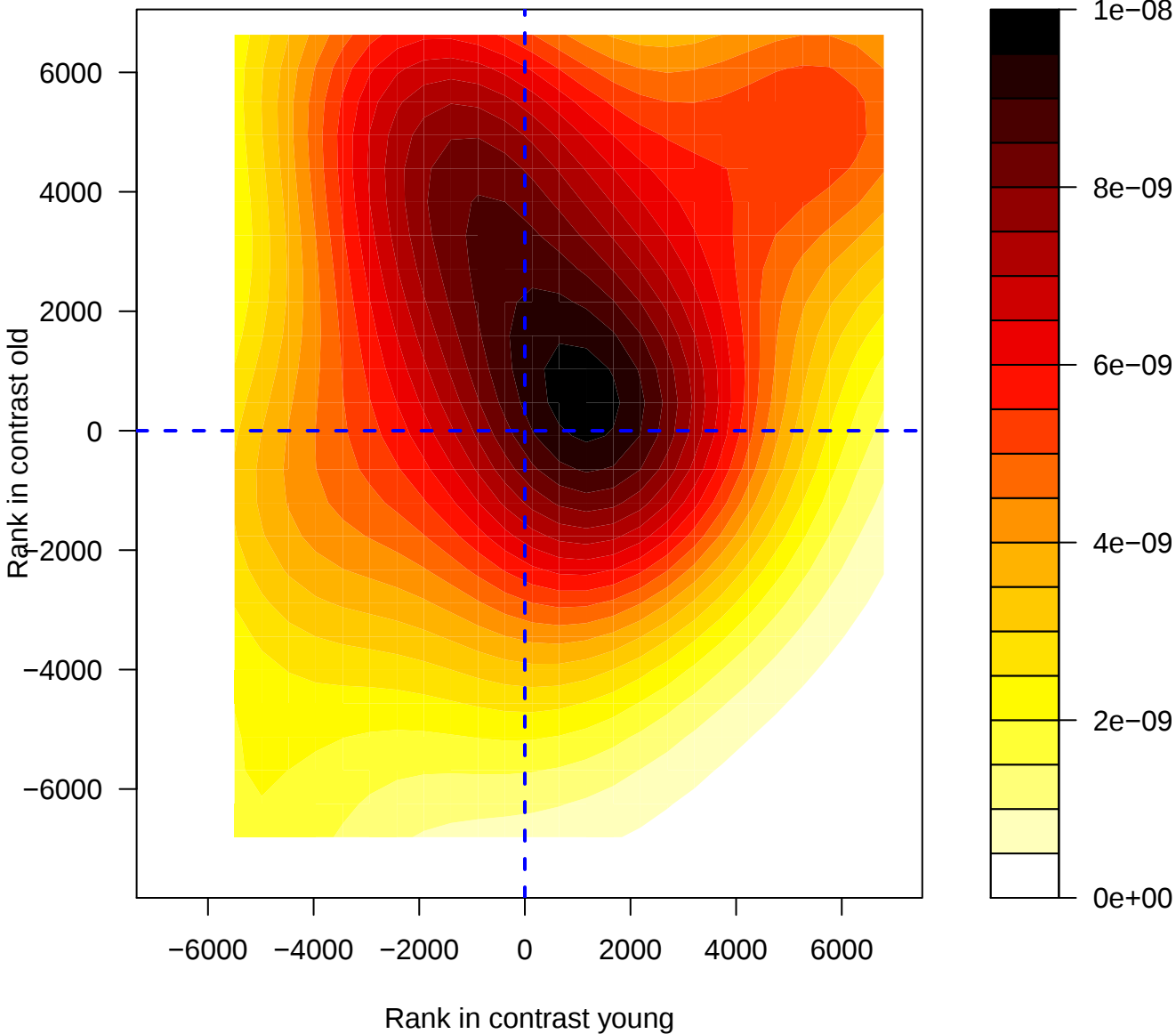
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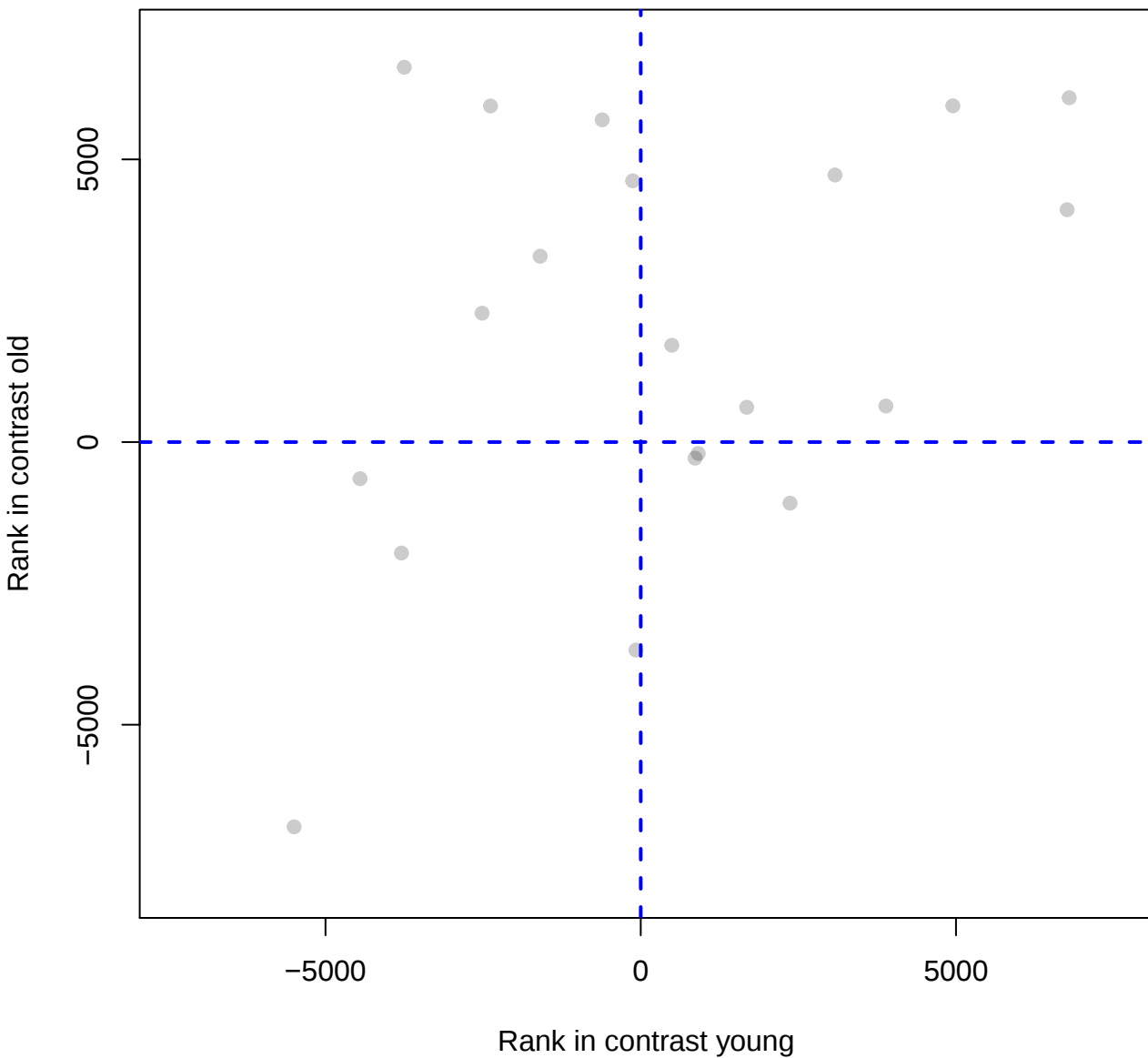
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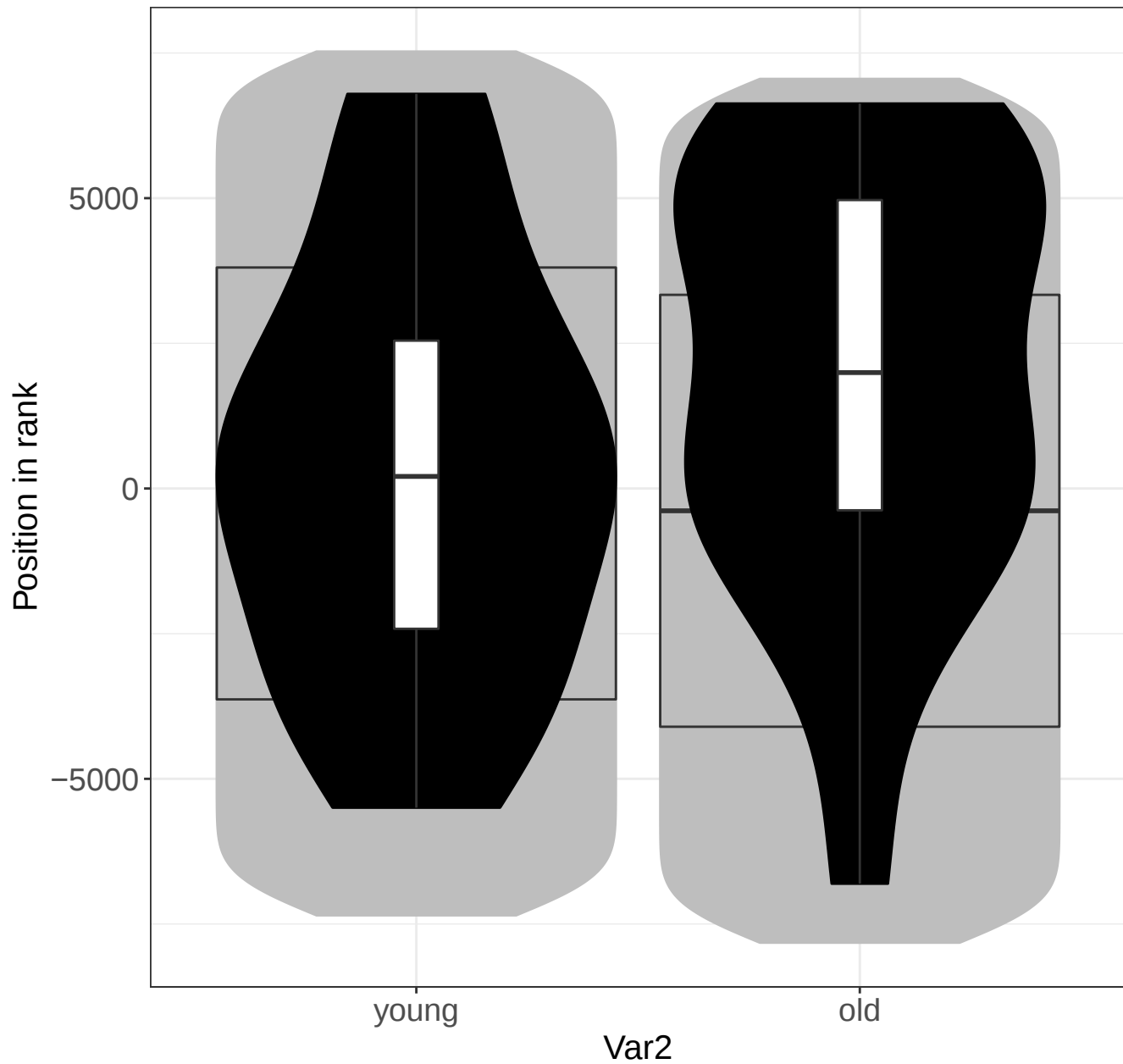
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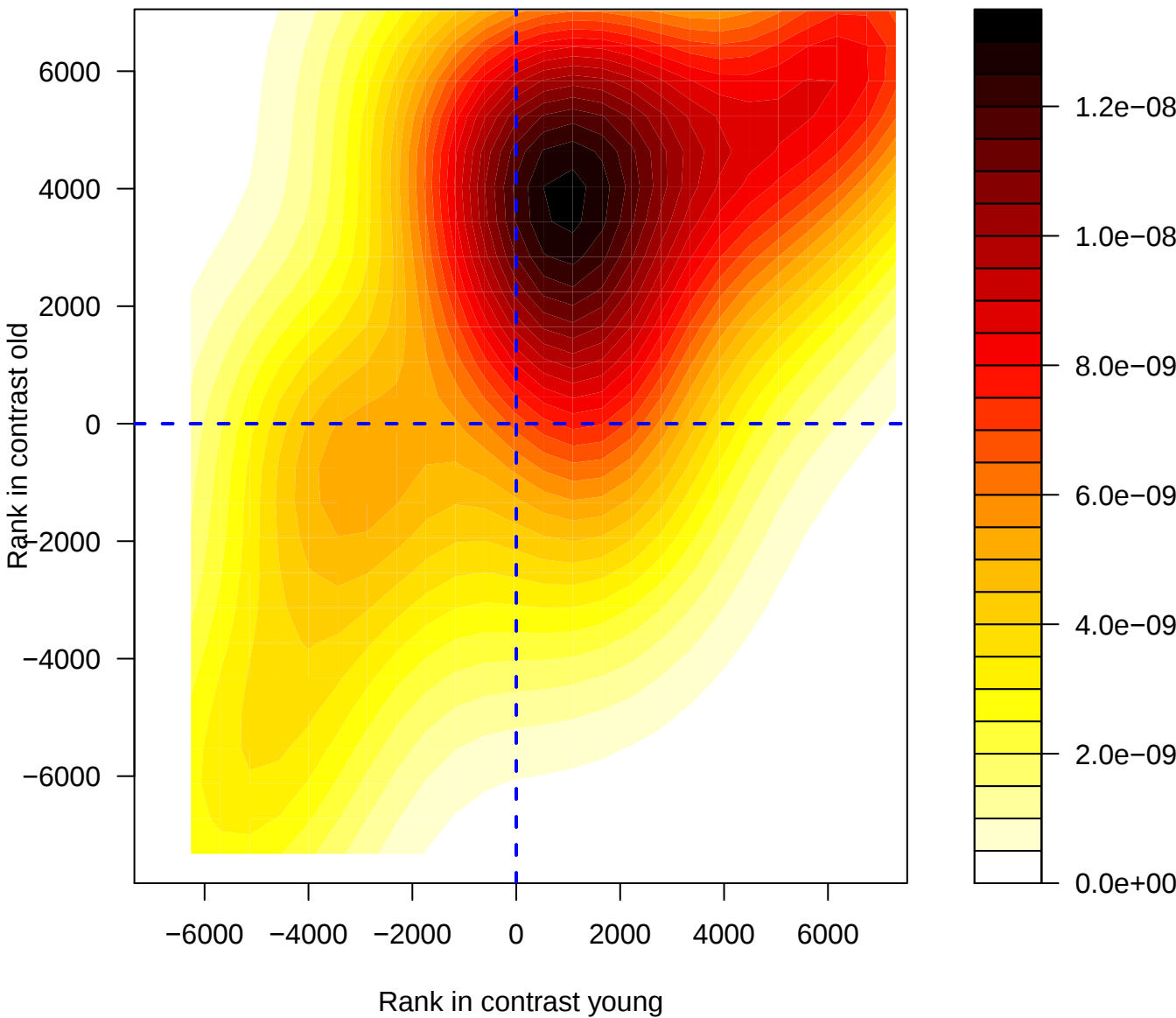
STAT1_None_Macrophage_51924



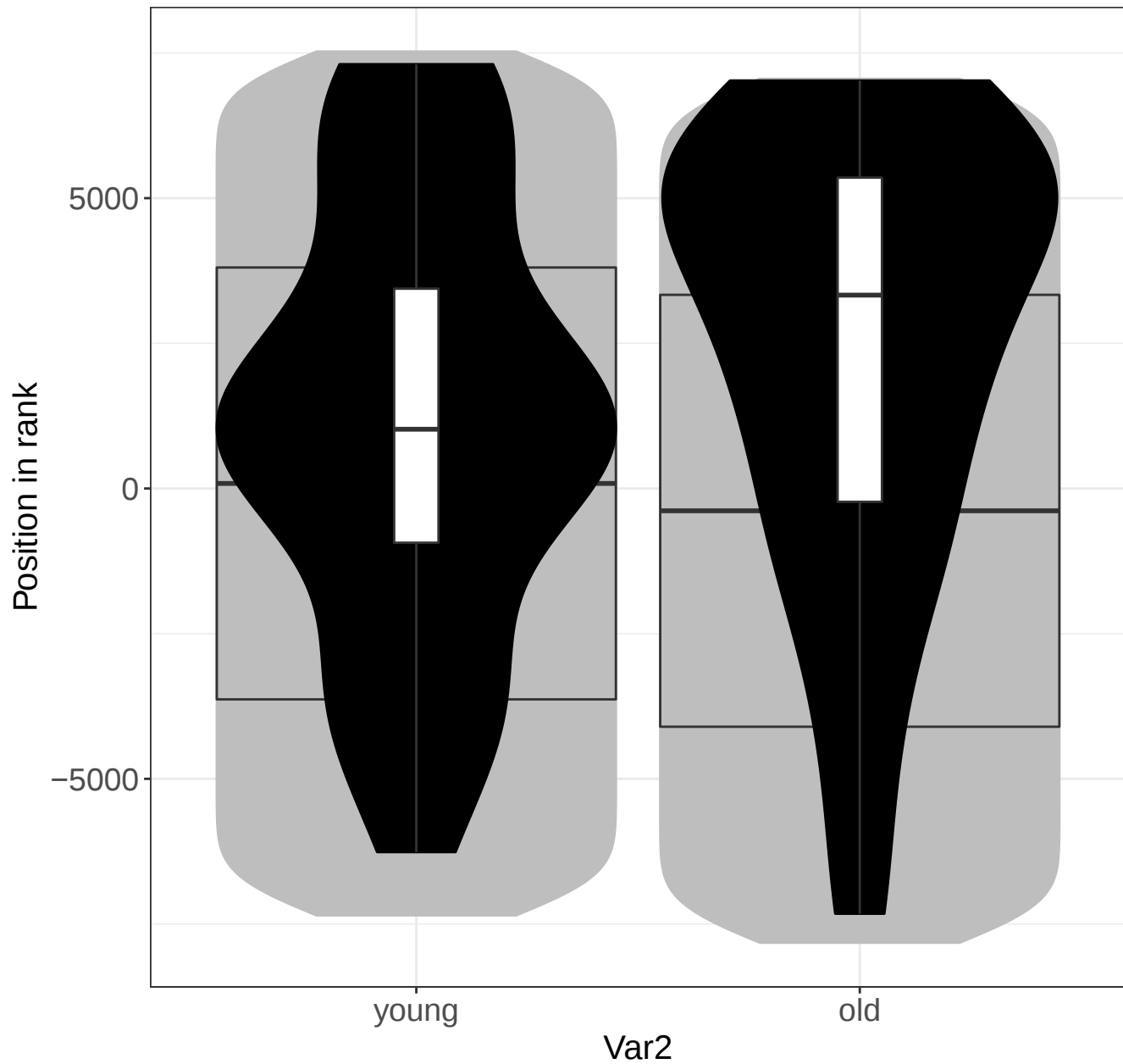
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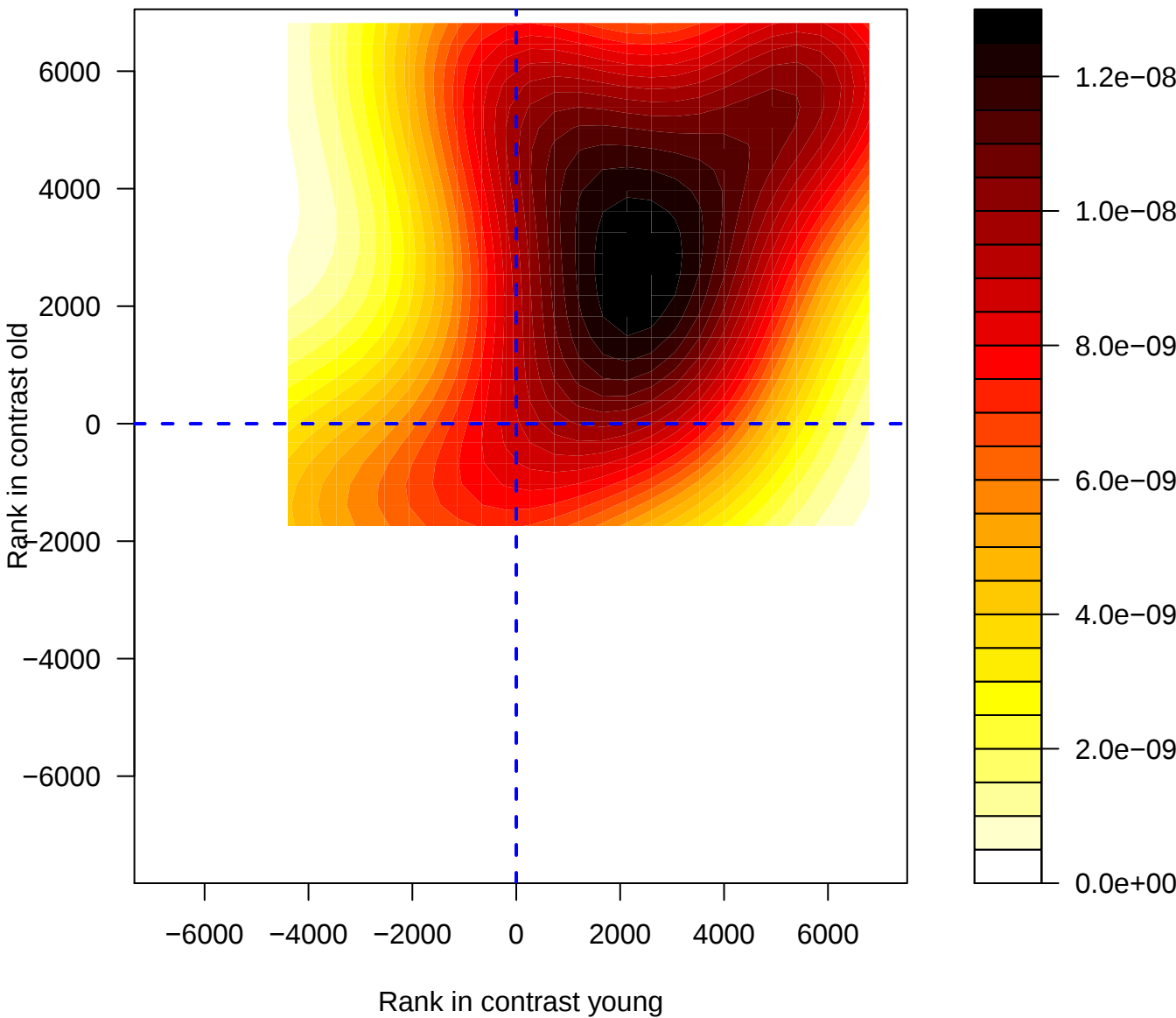
IRF3_None_Macrophage_67639



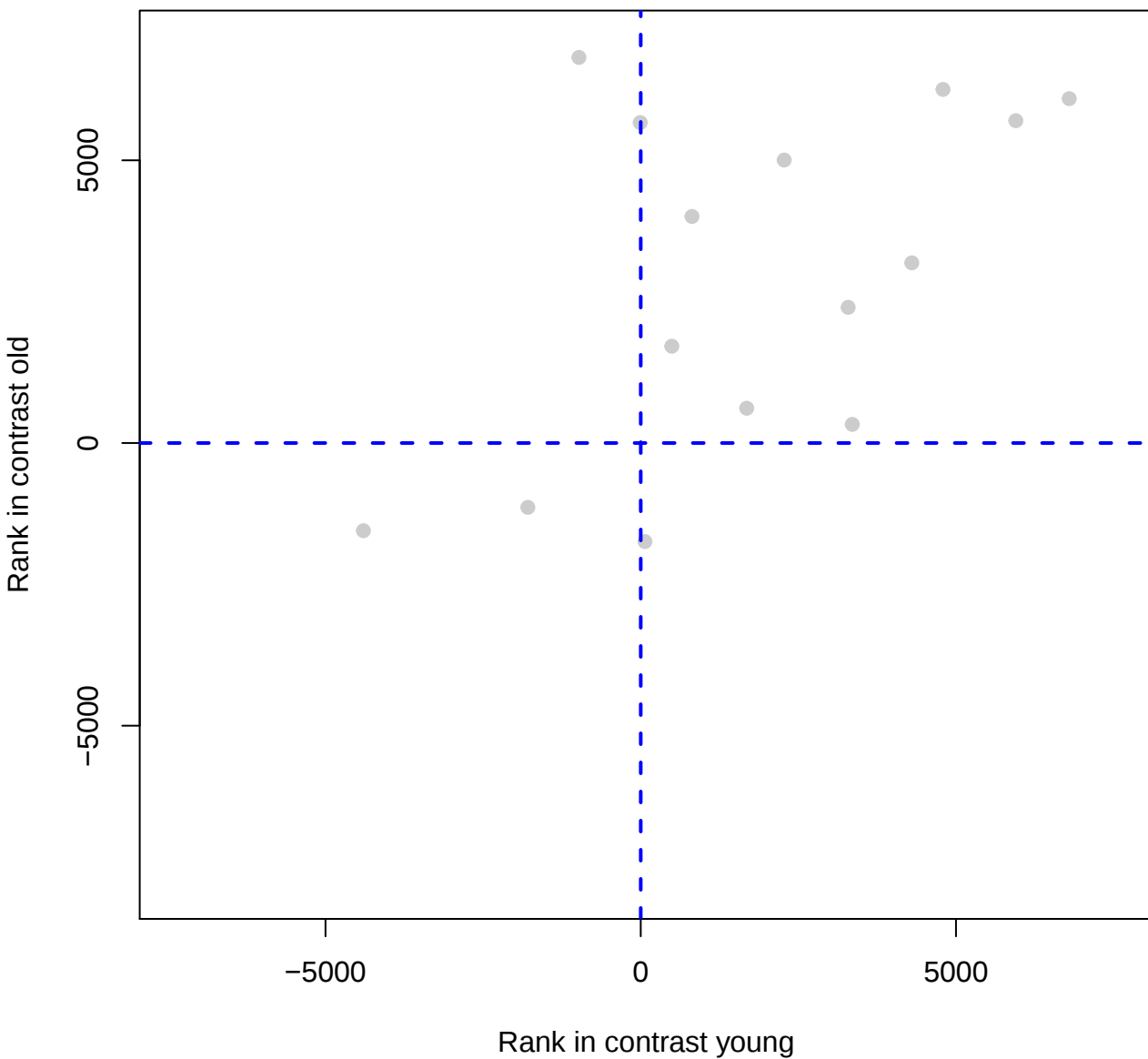
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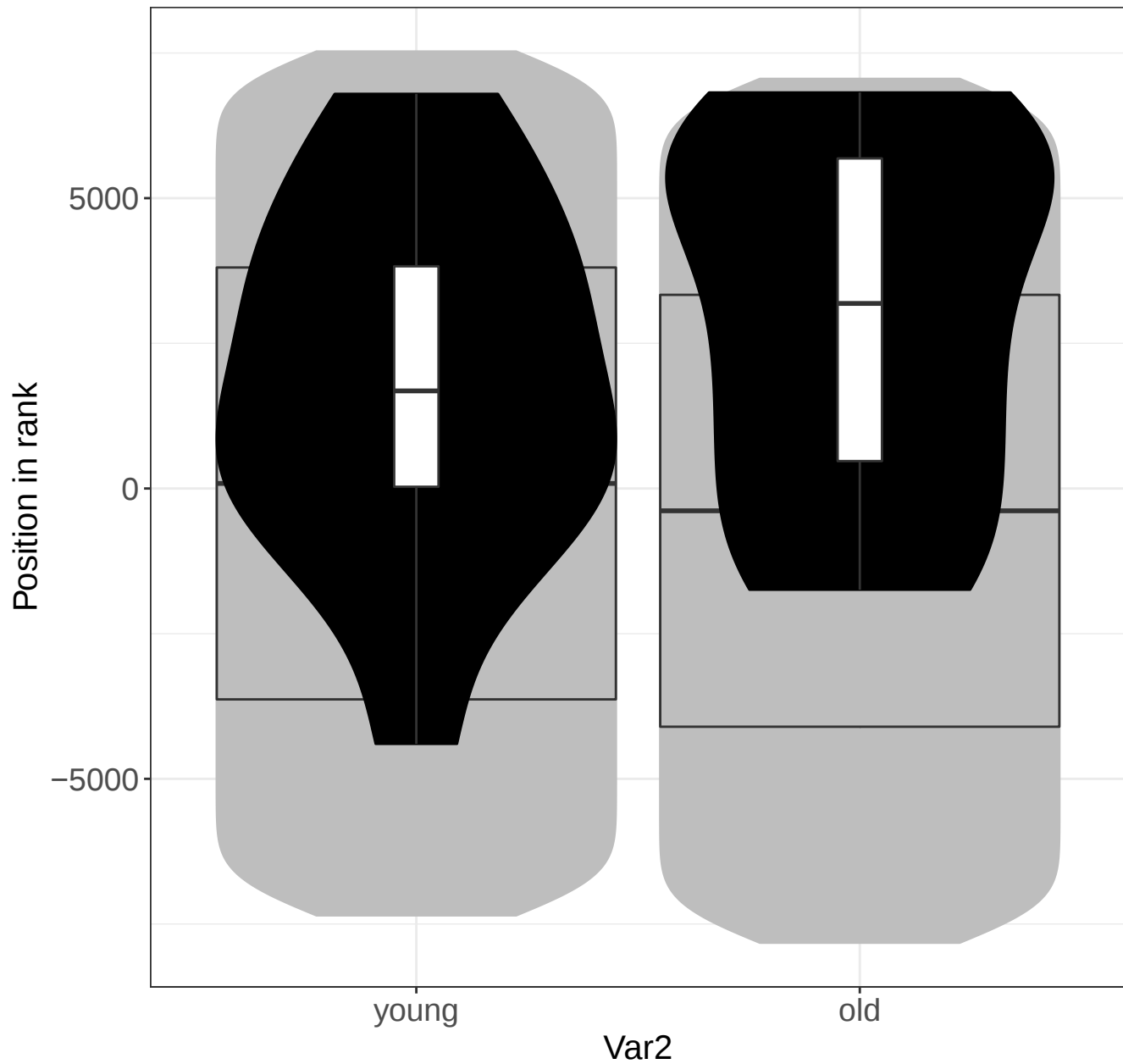
SPEN_MIN_Spermatocyte_84000



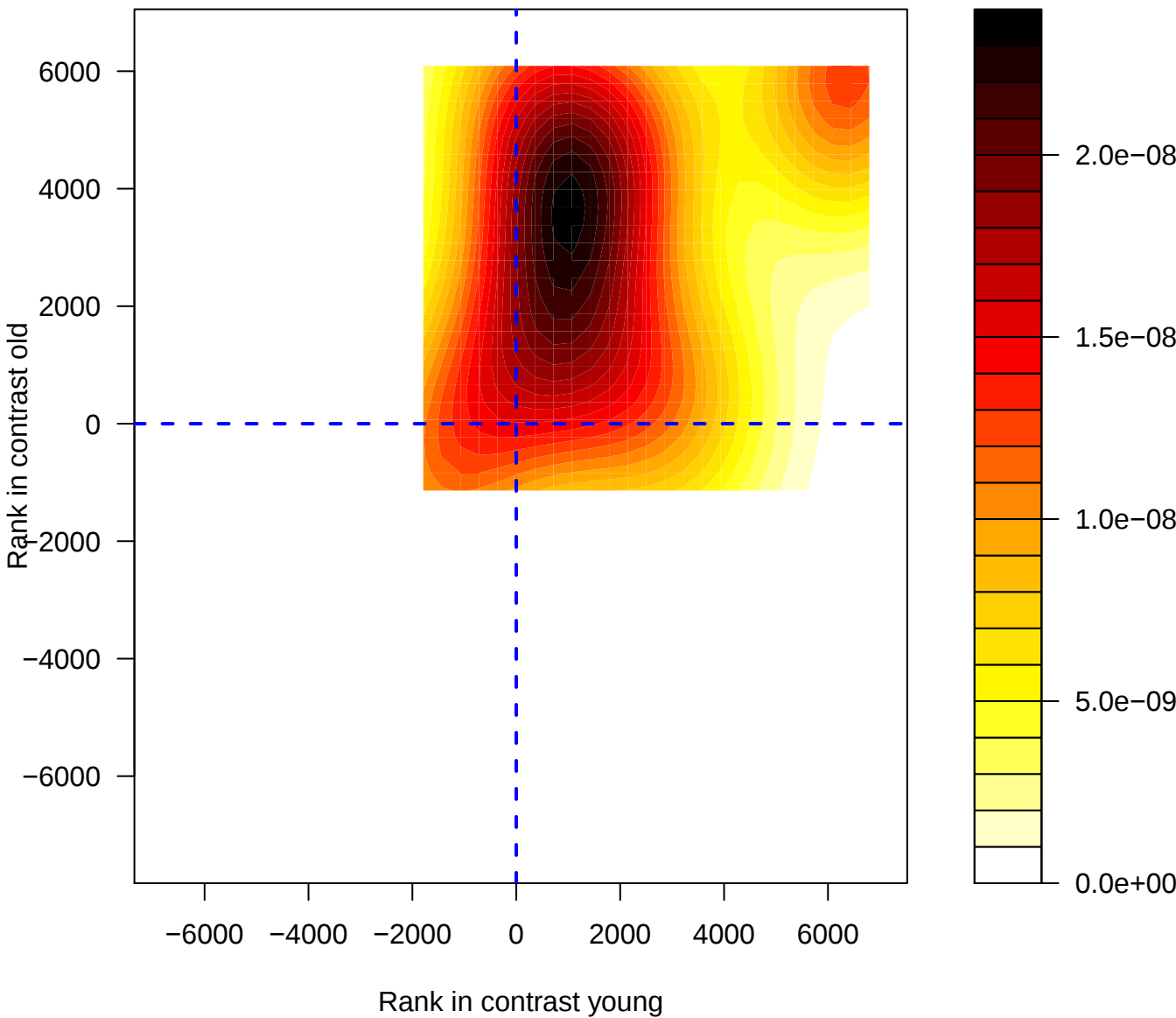
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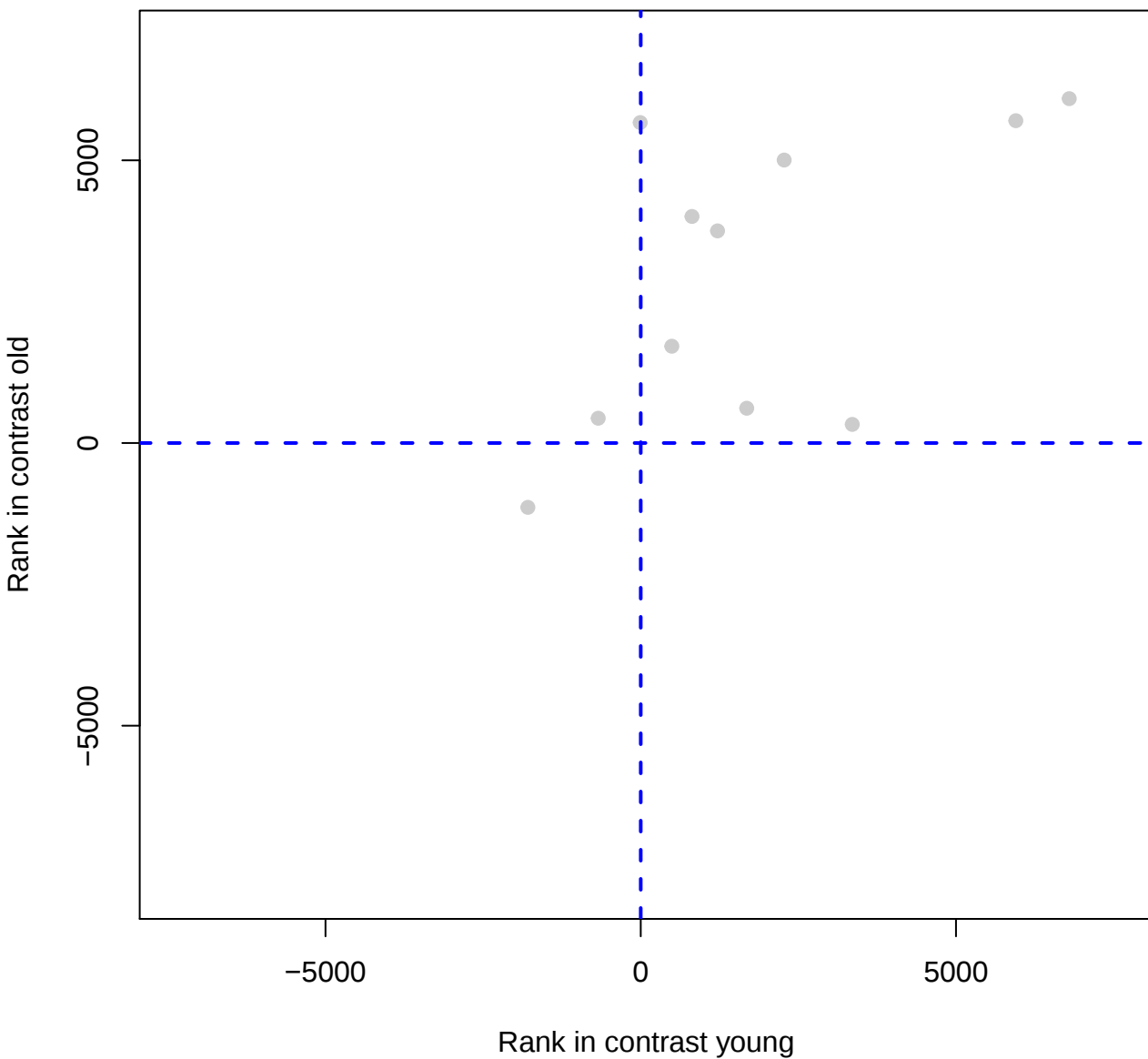
SPEN_MIN_Spermatocyte_84000



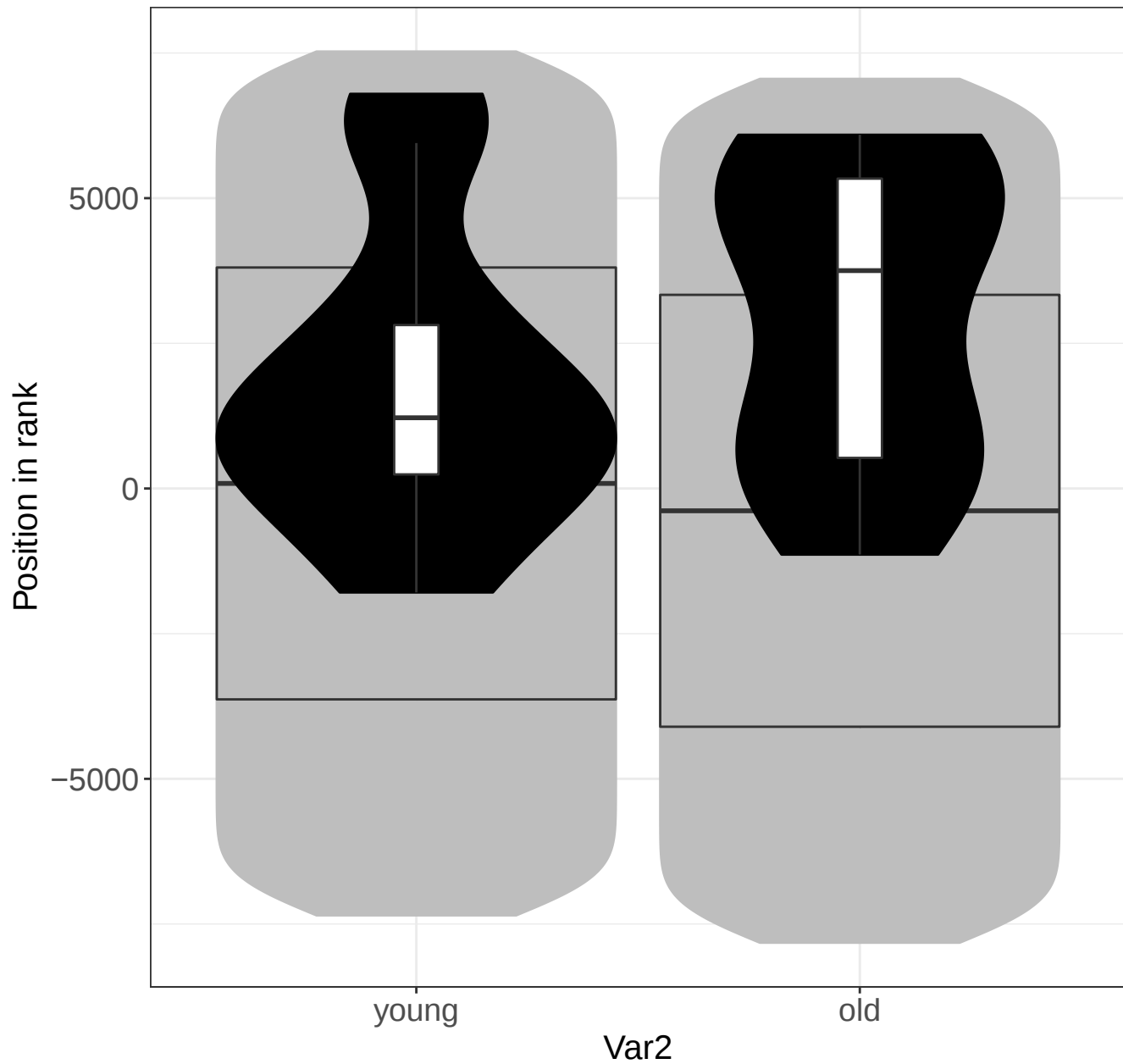
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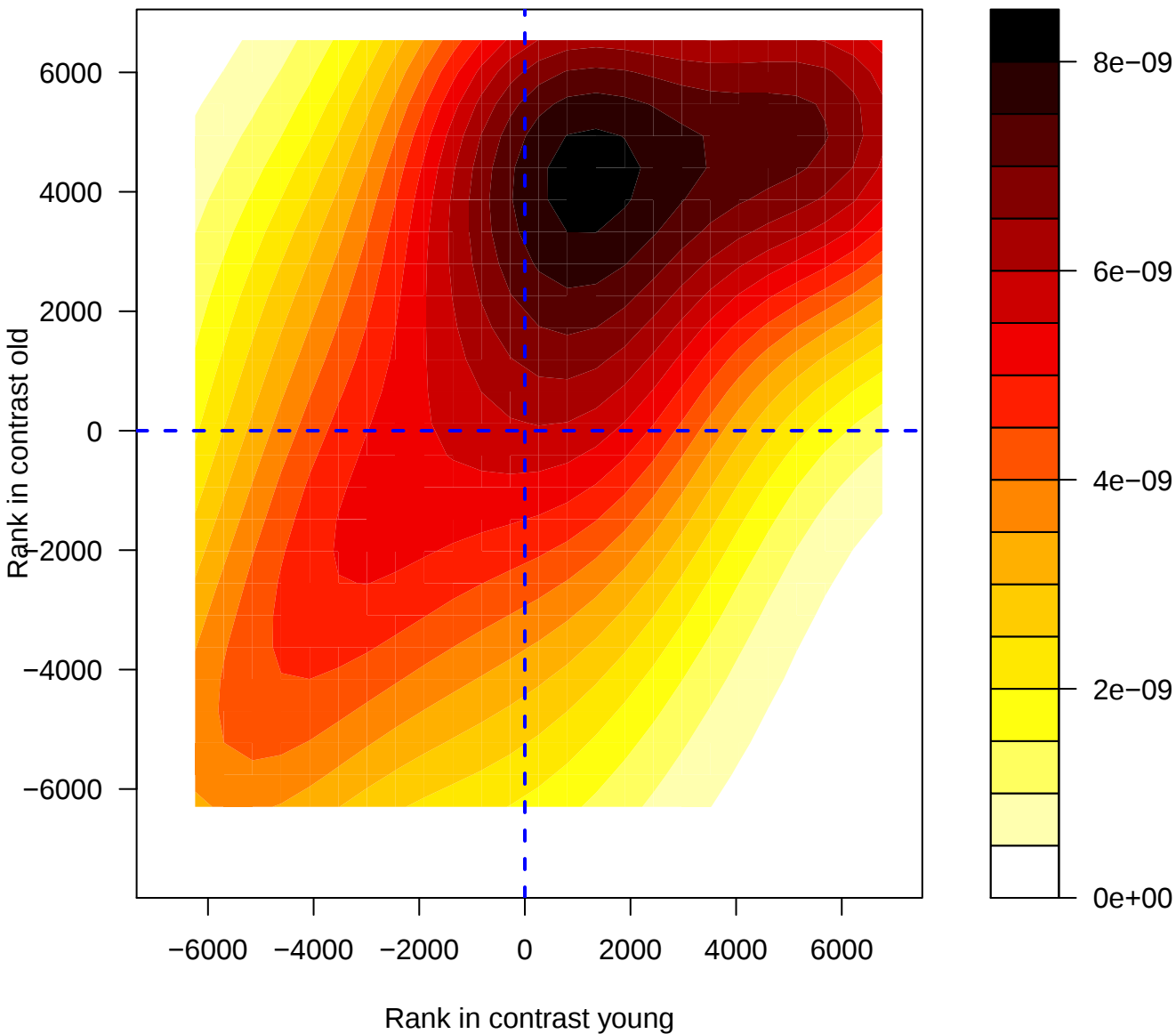
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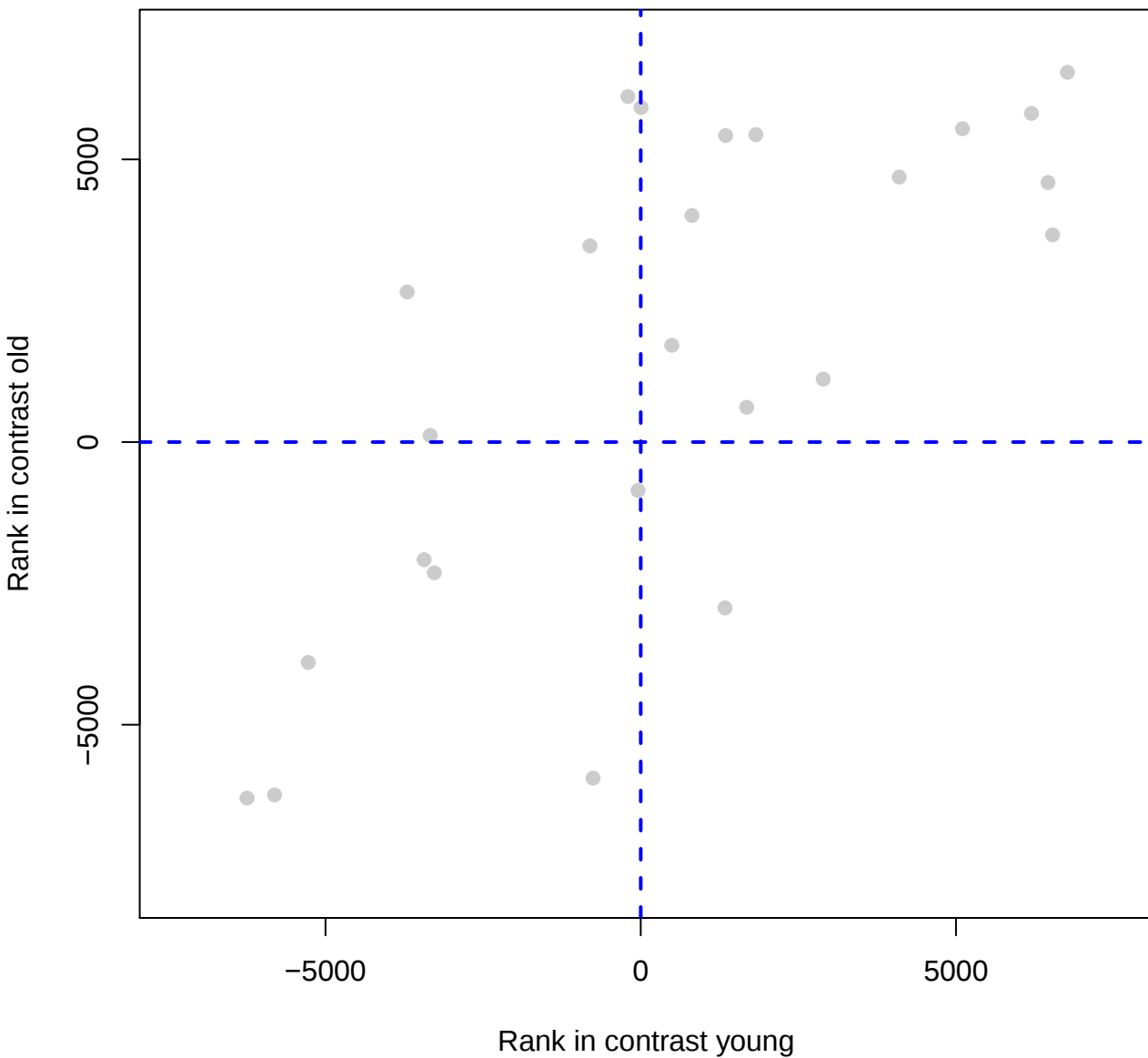
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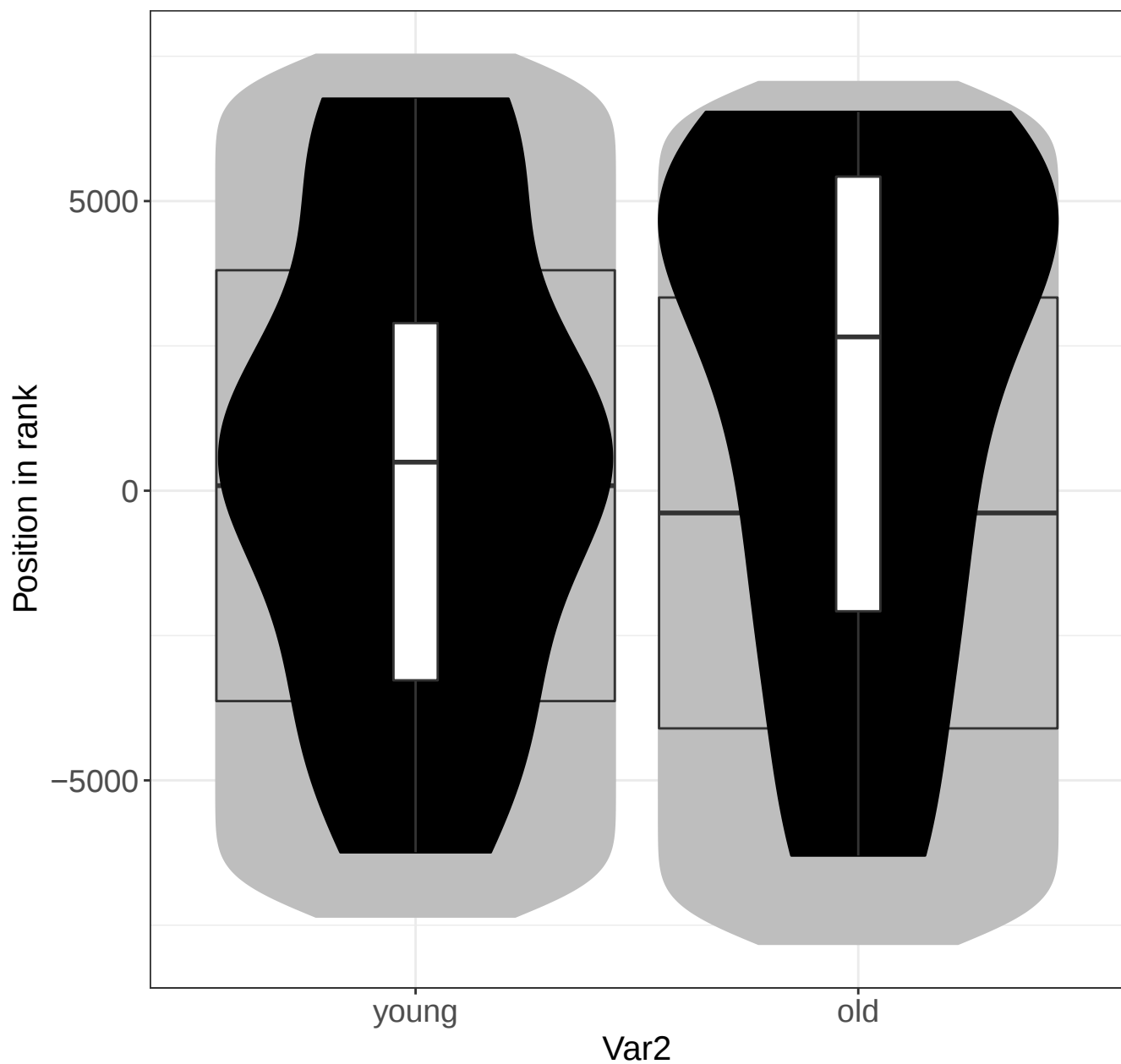
SUZ12_E14Tg2A_EmbryonicStemCell_84572



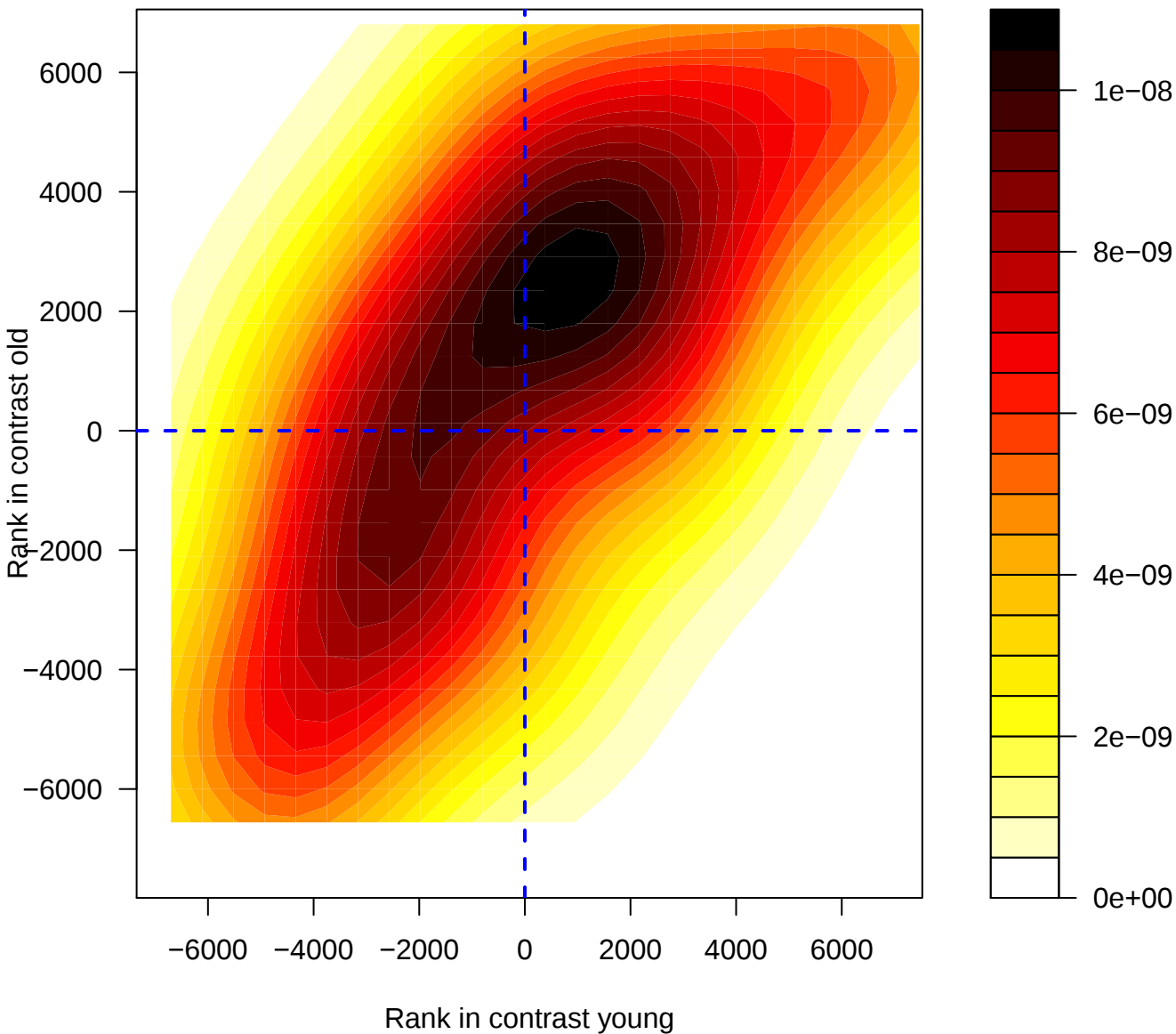
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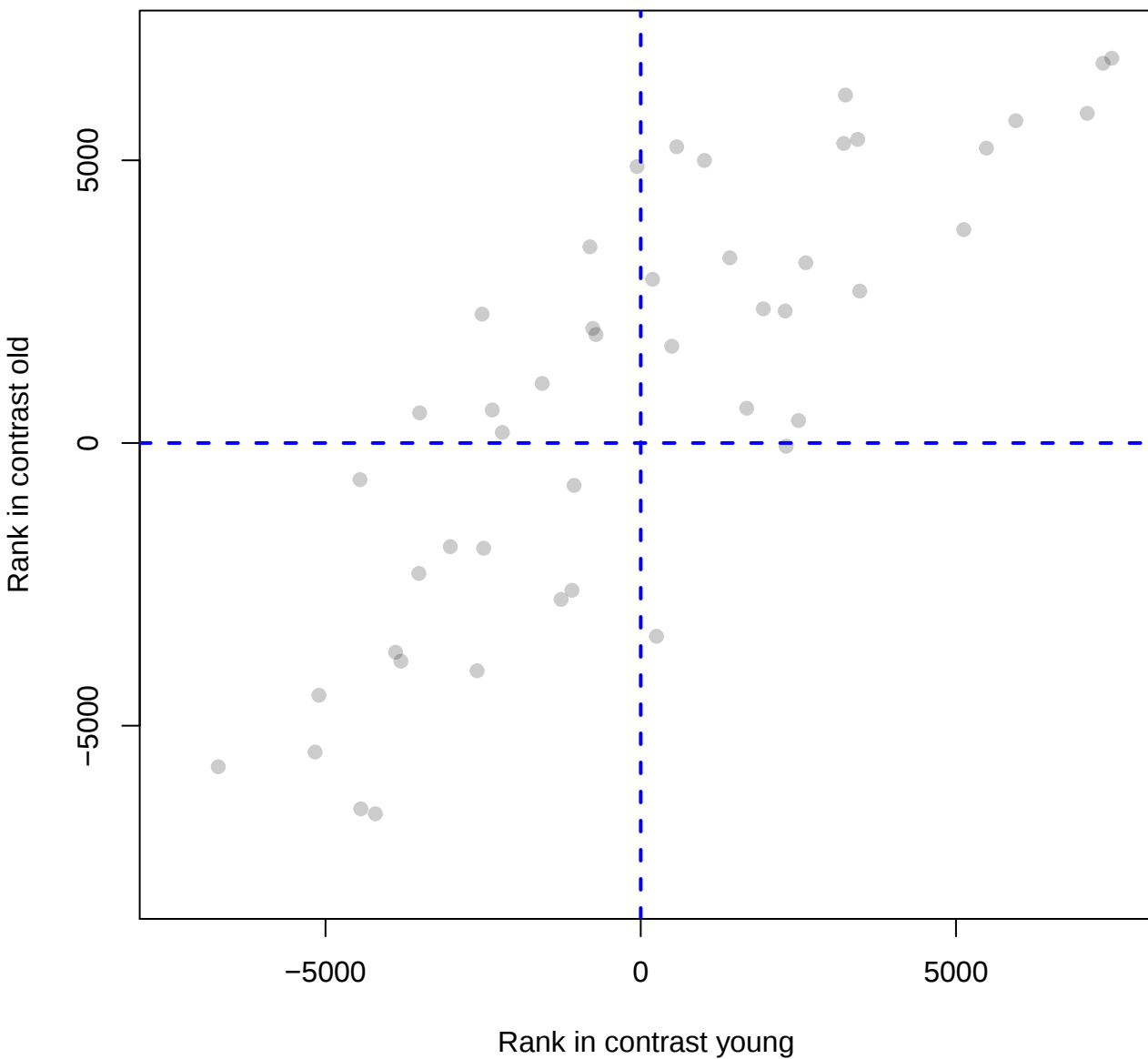
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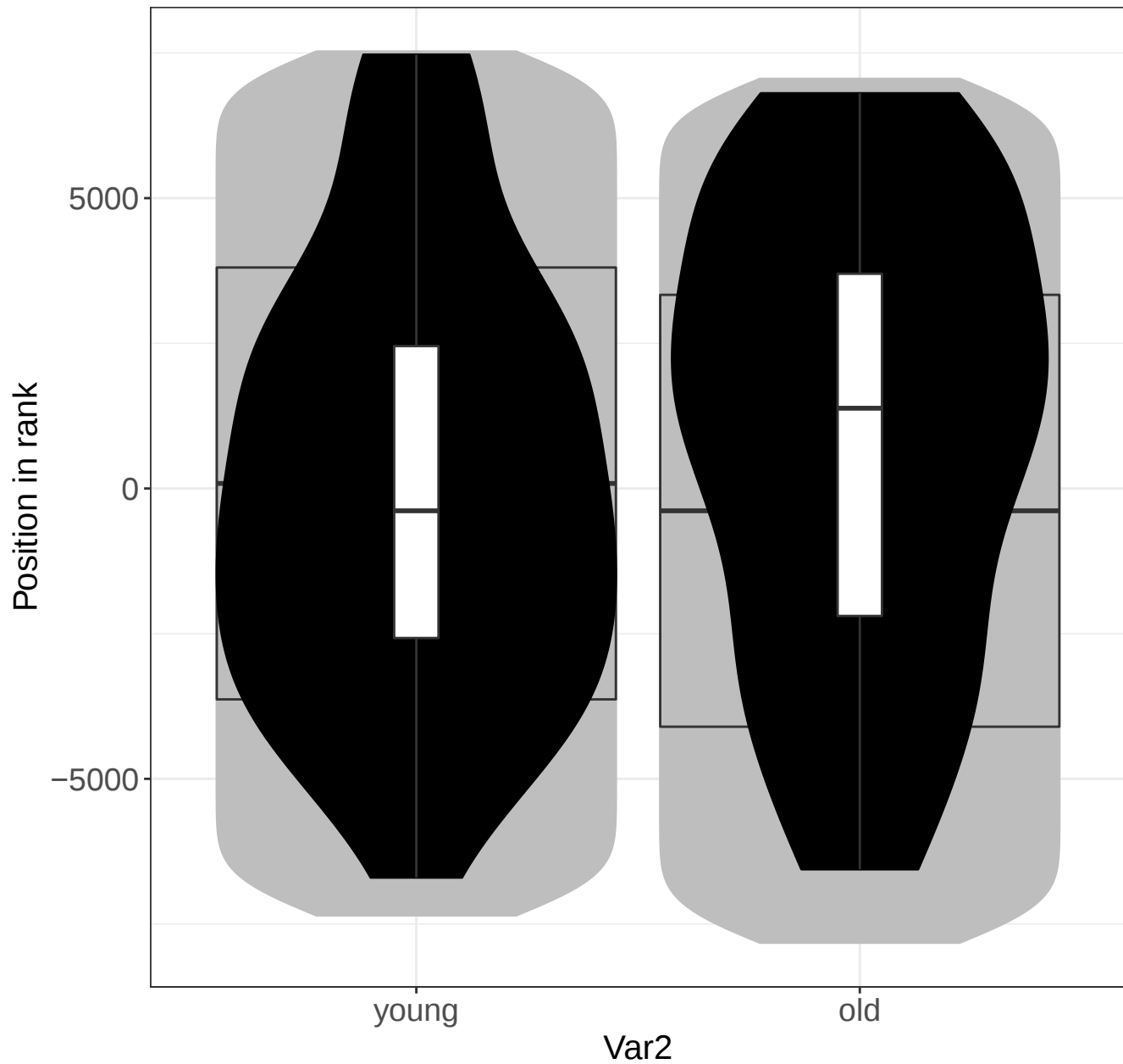
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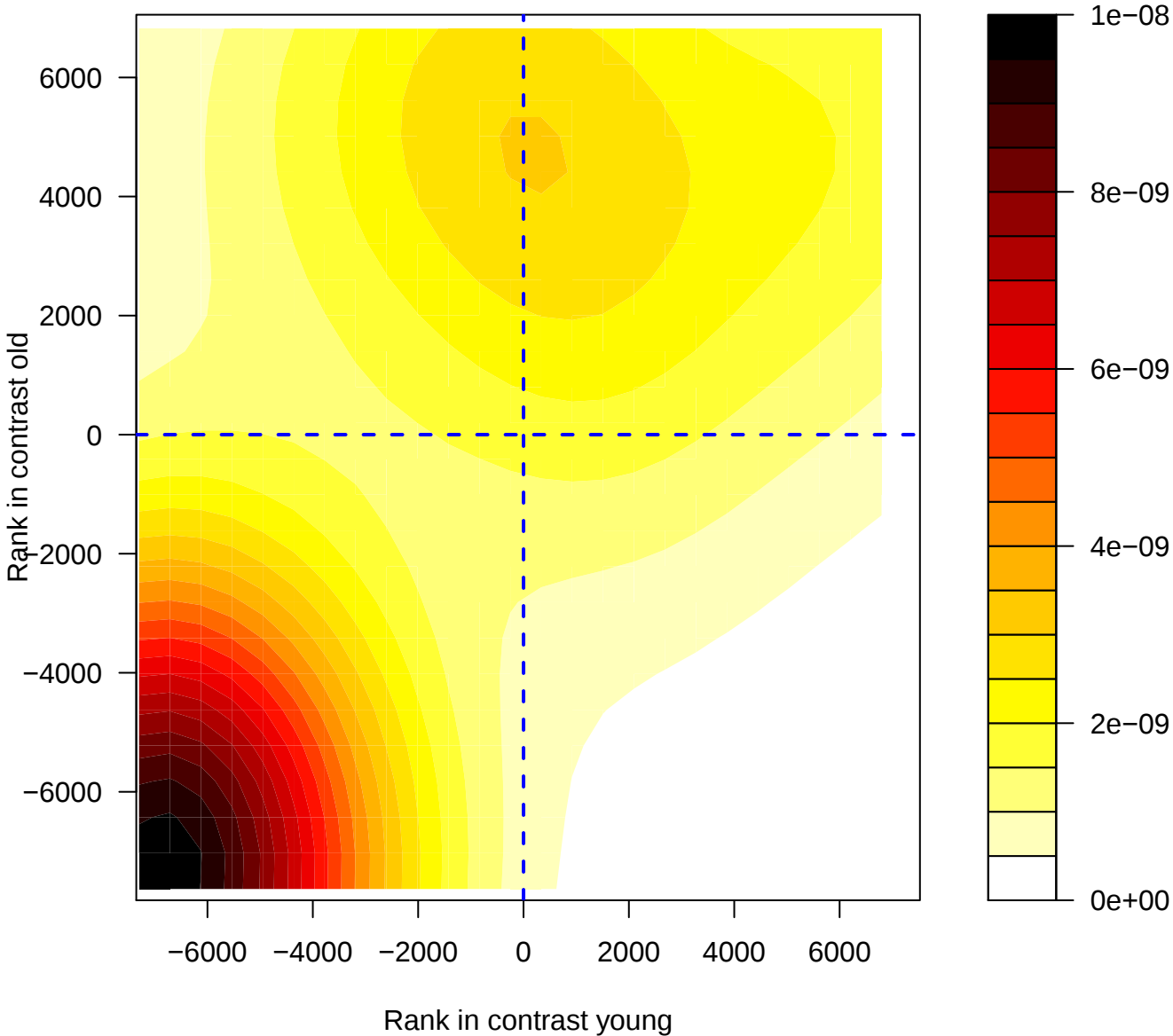
IRF8_None_BLymphocyte_55759



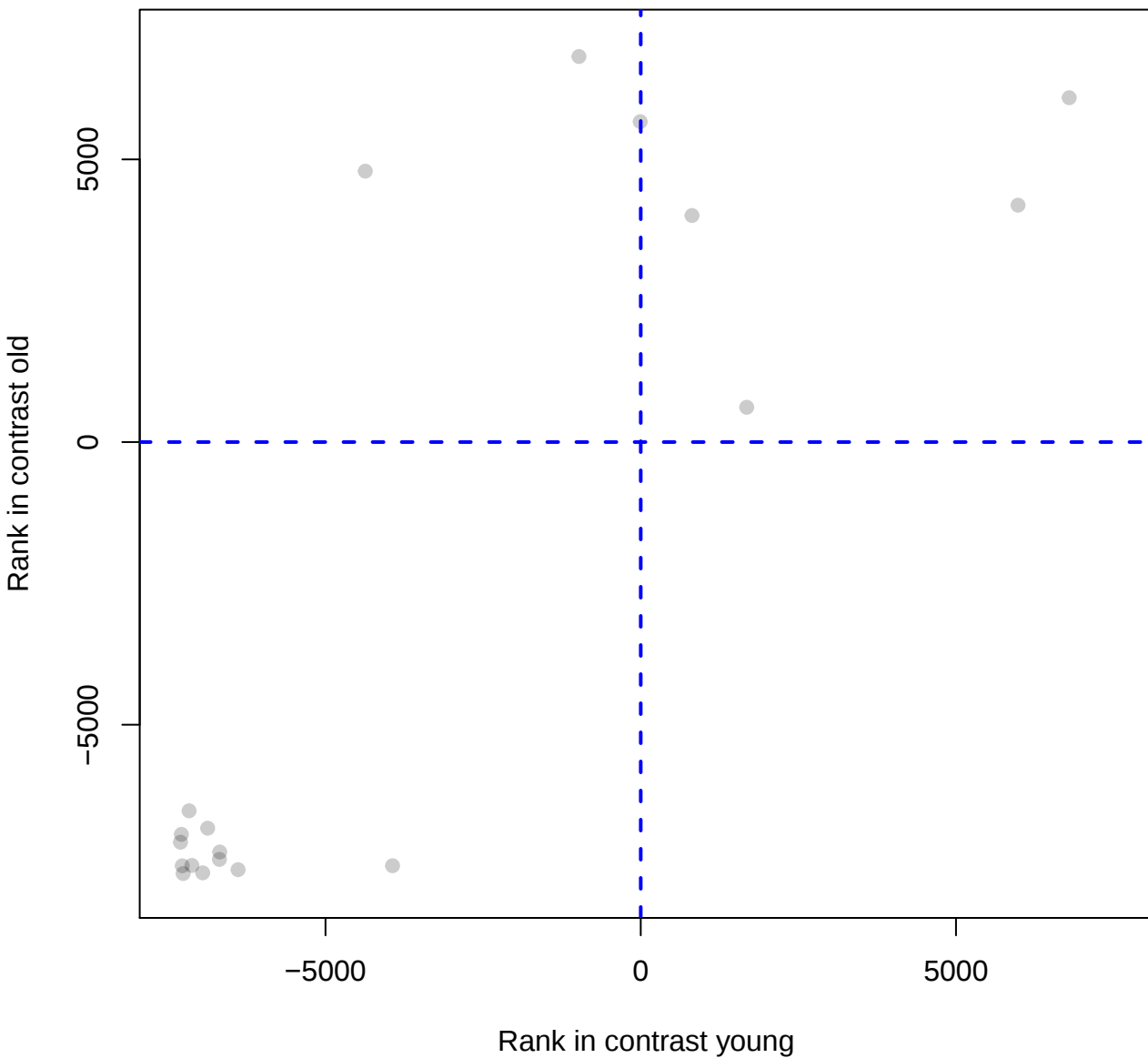
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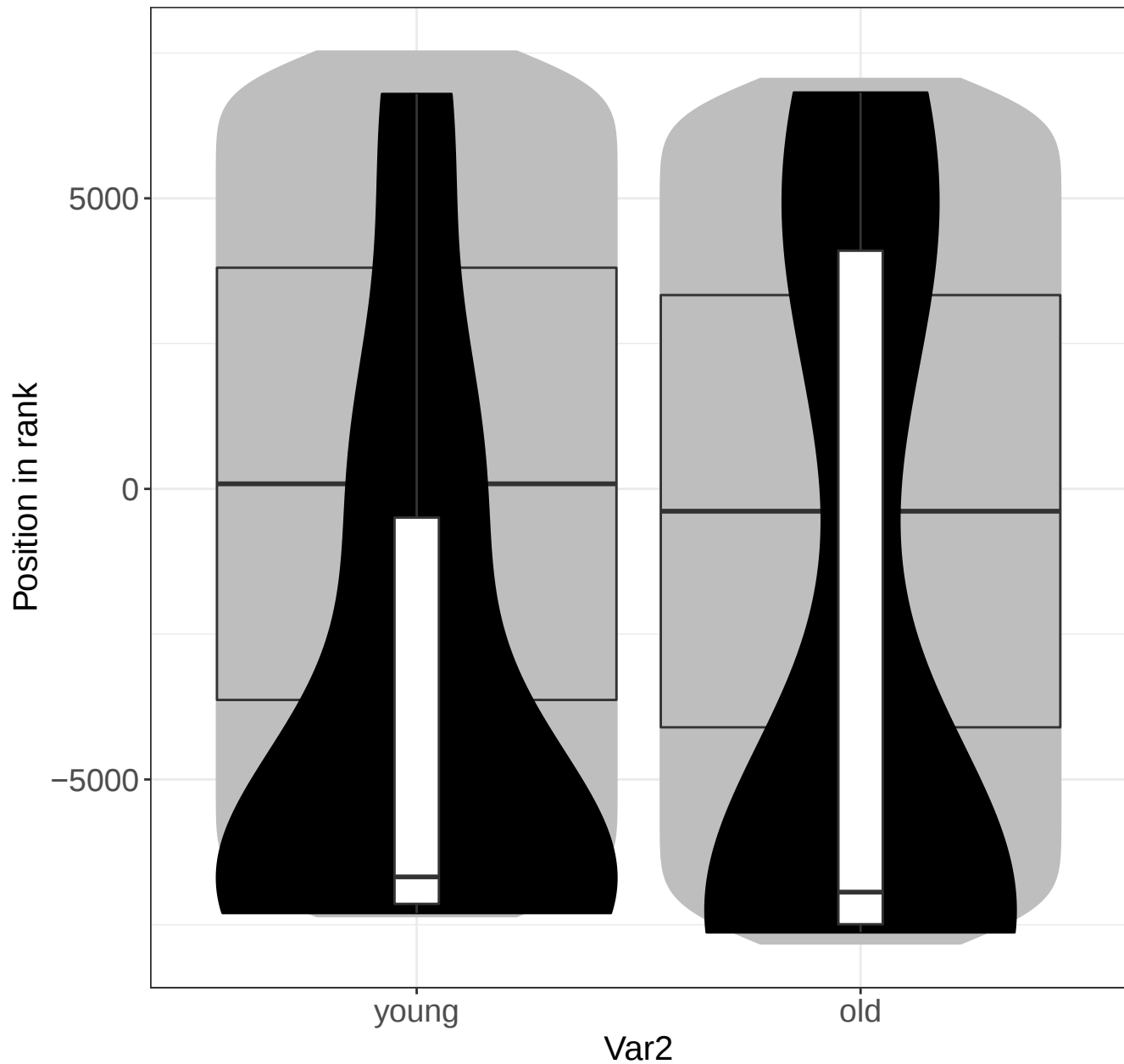
MYC_None_EmbryonicStemCell_68413



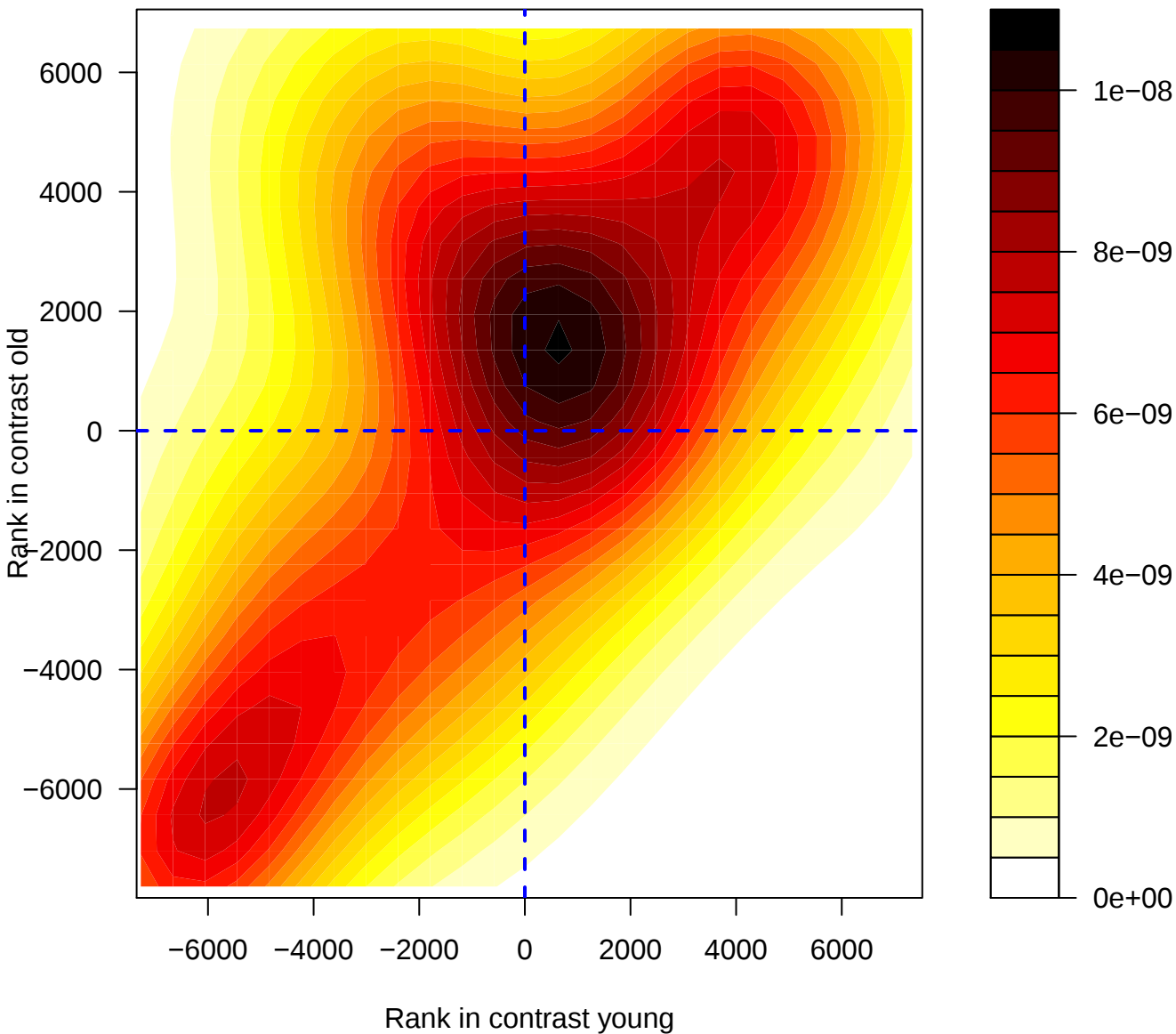
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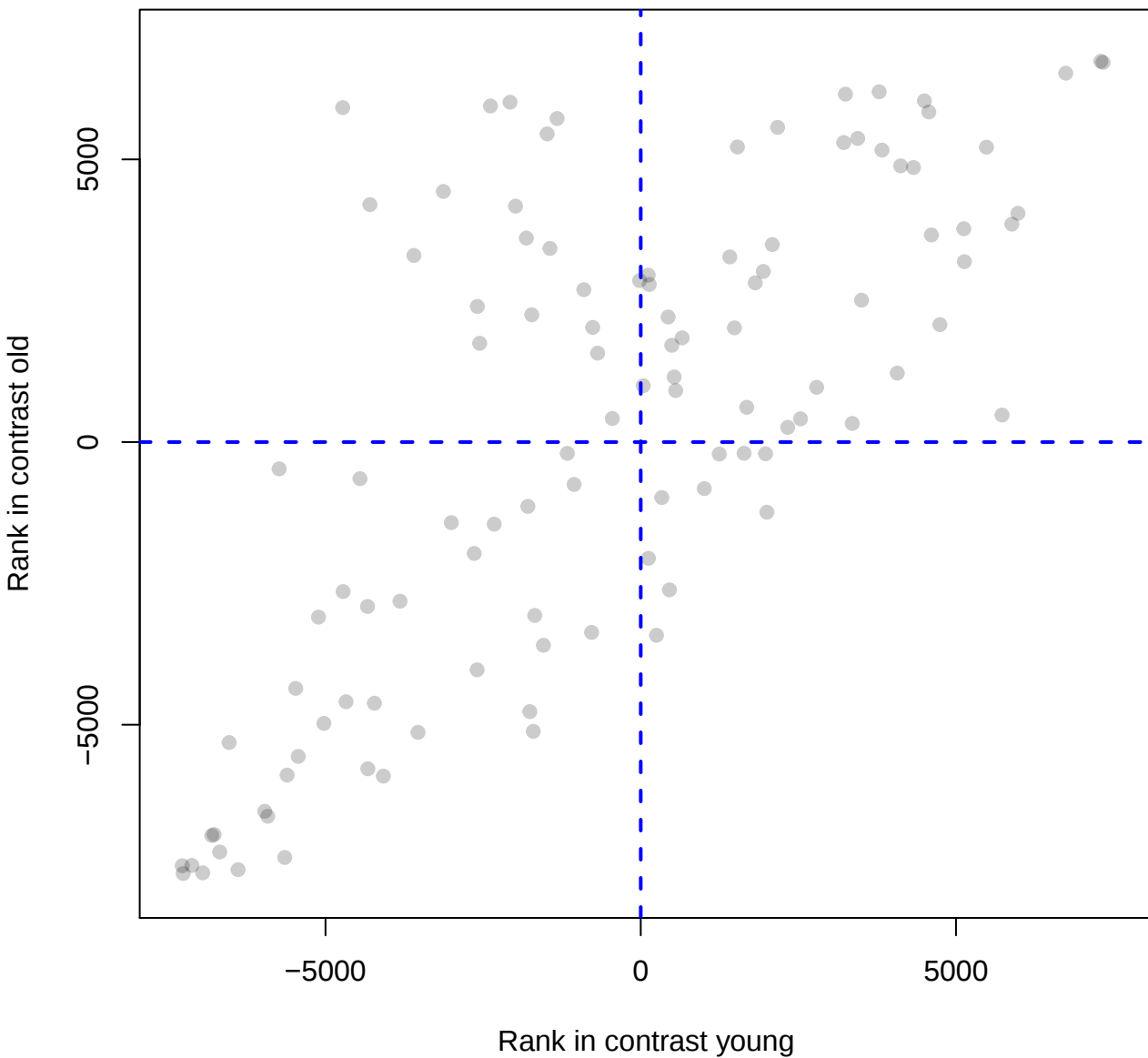
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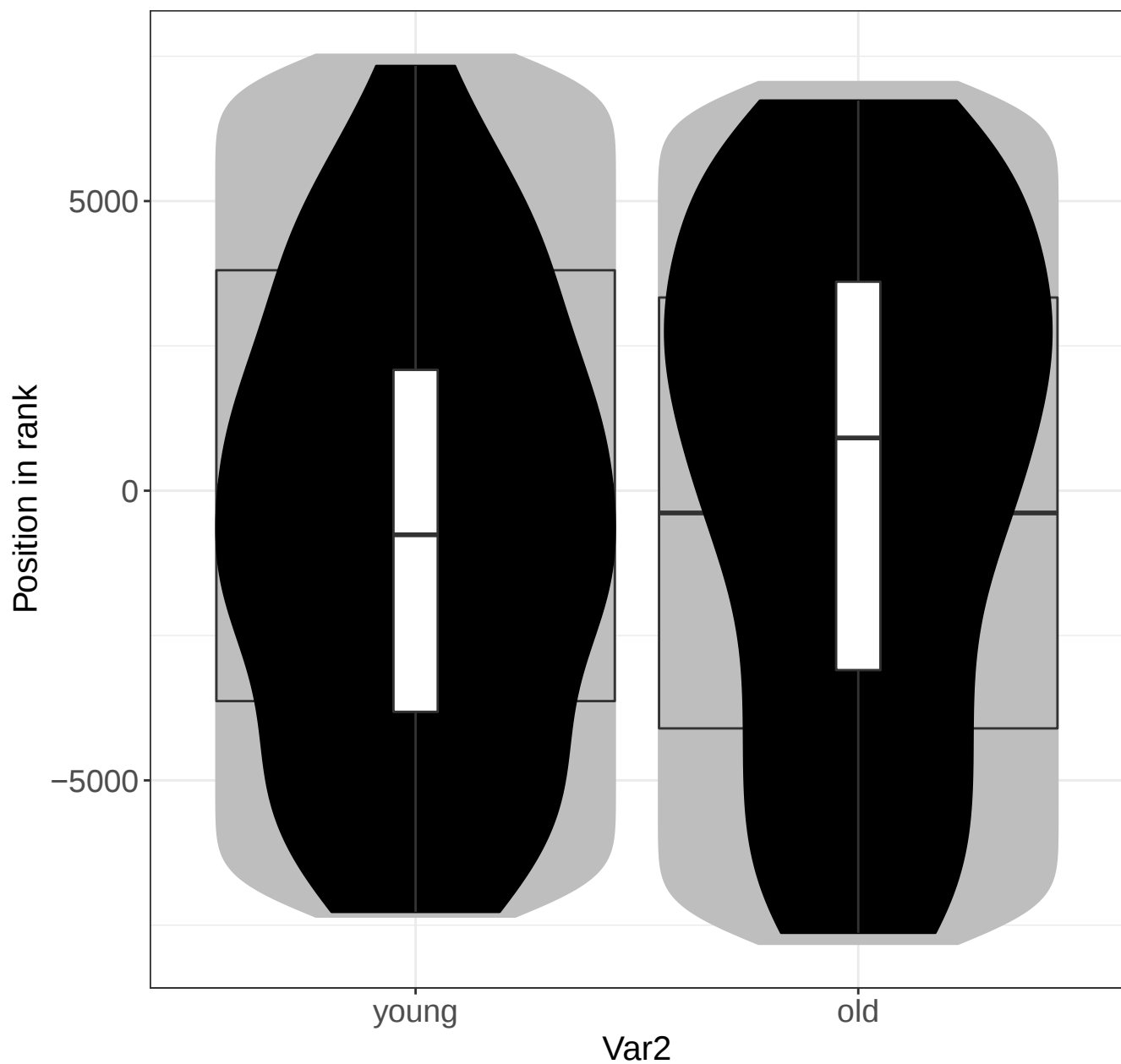
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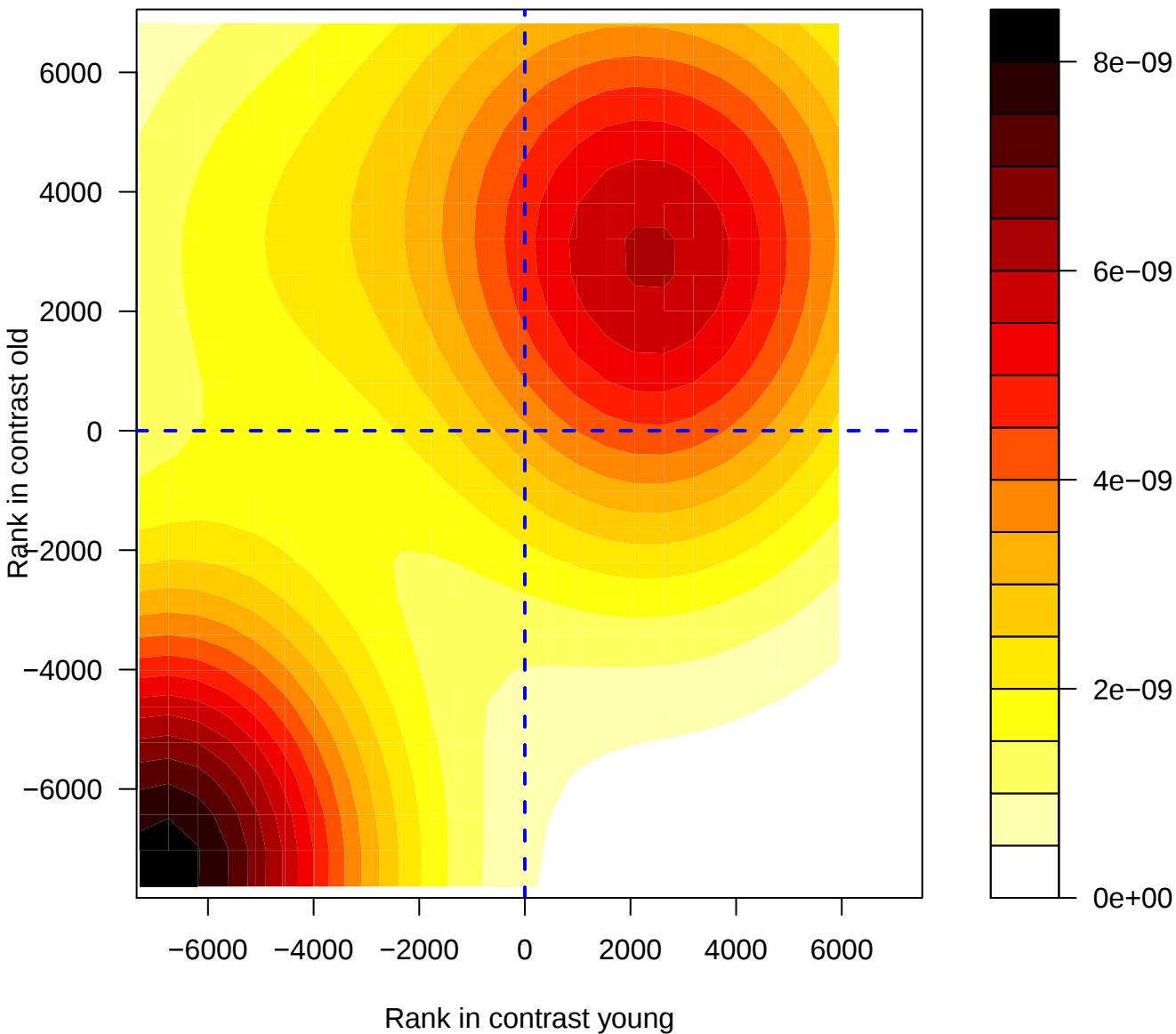
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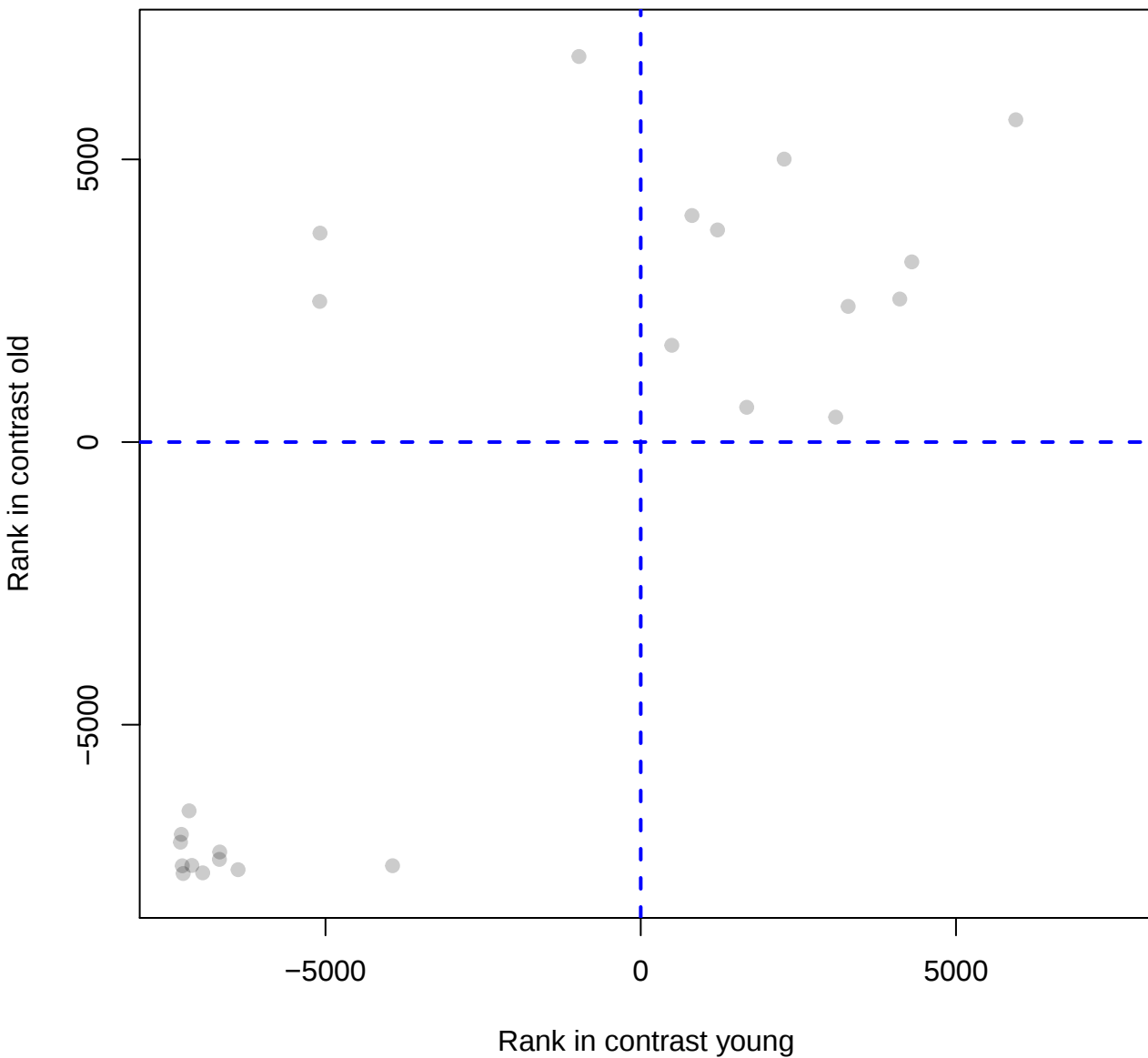
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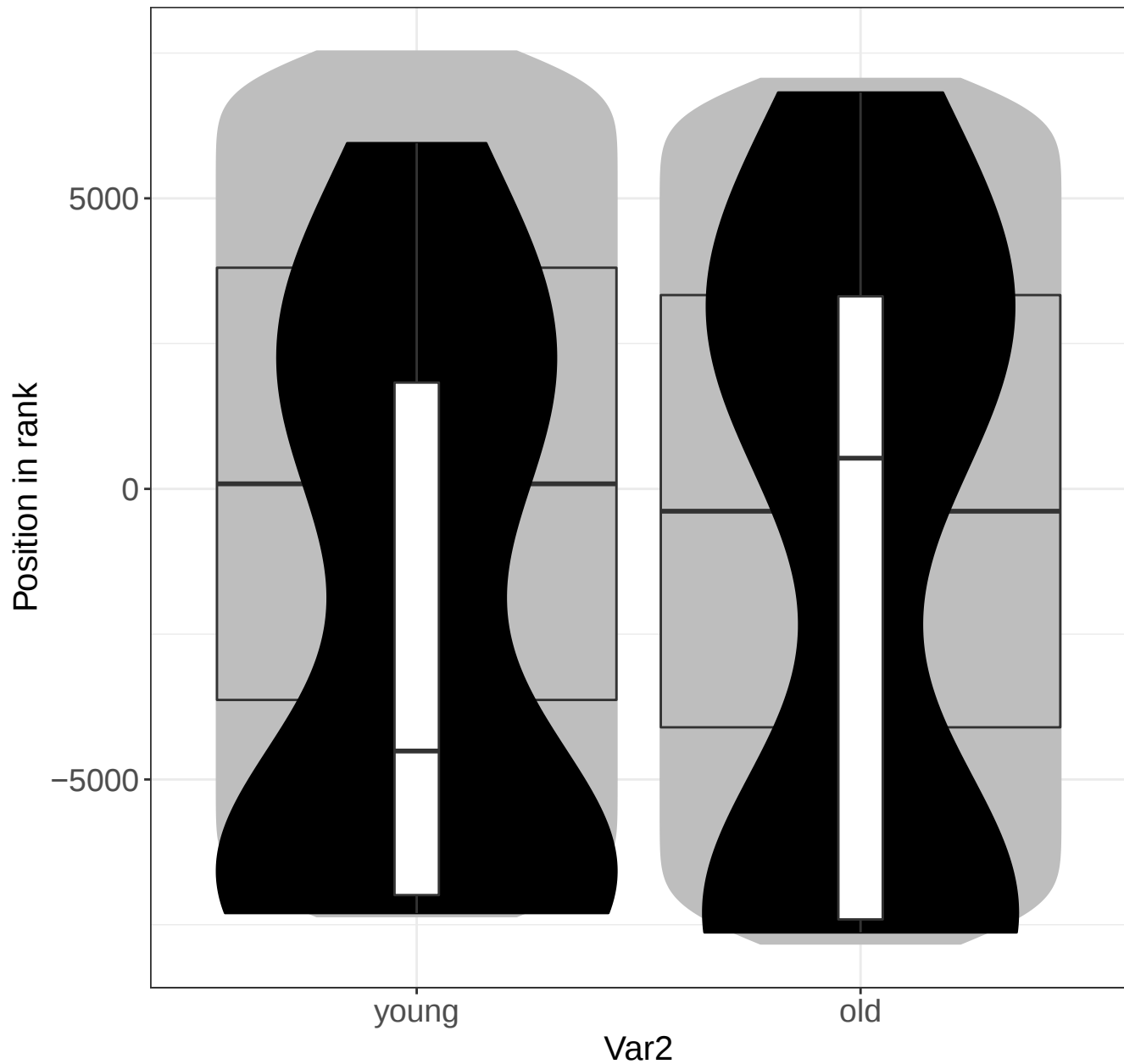
SOX2_None_EmbryonicStemCell_71761



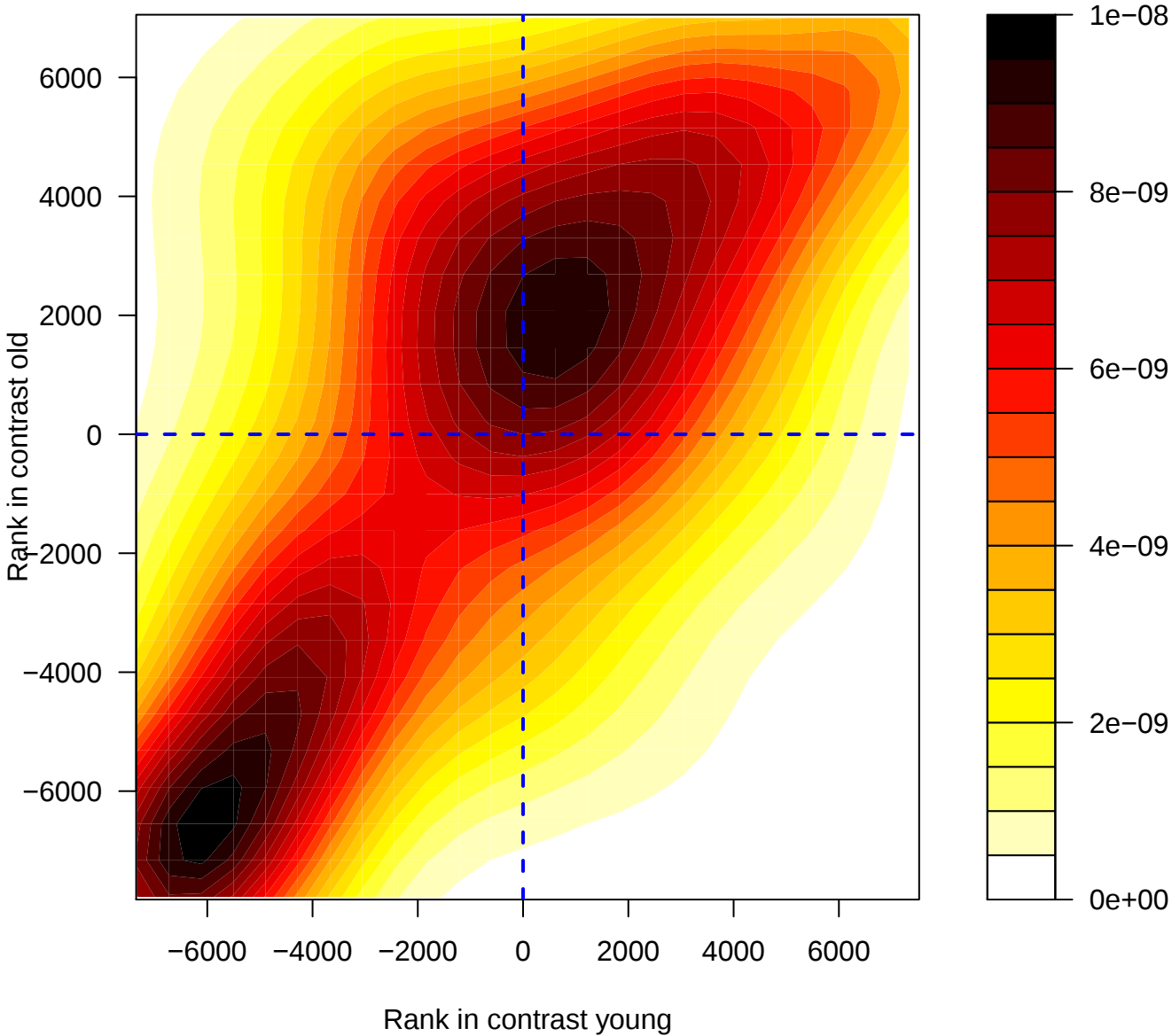
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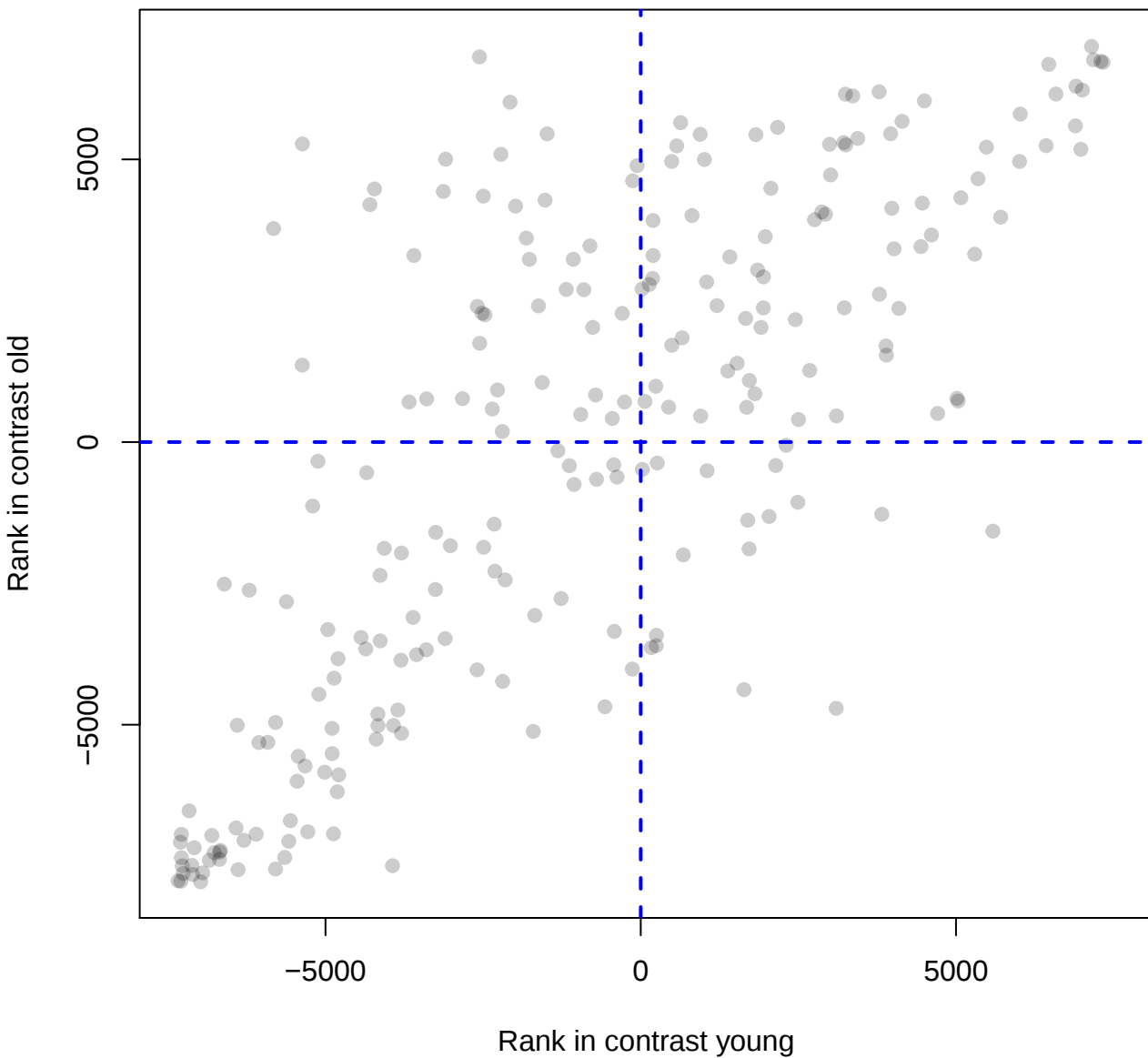
SOX2_None_EmbryonicStemCell_71761



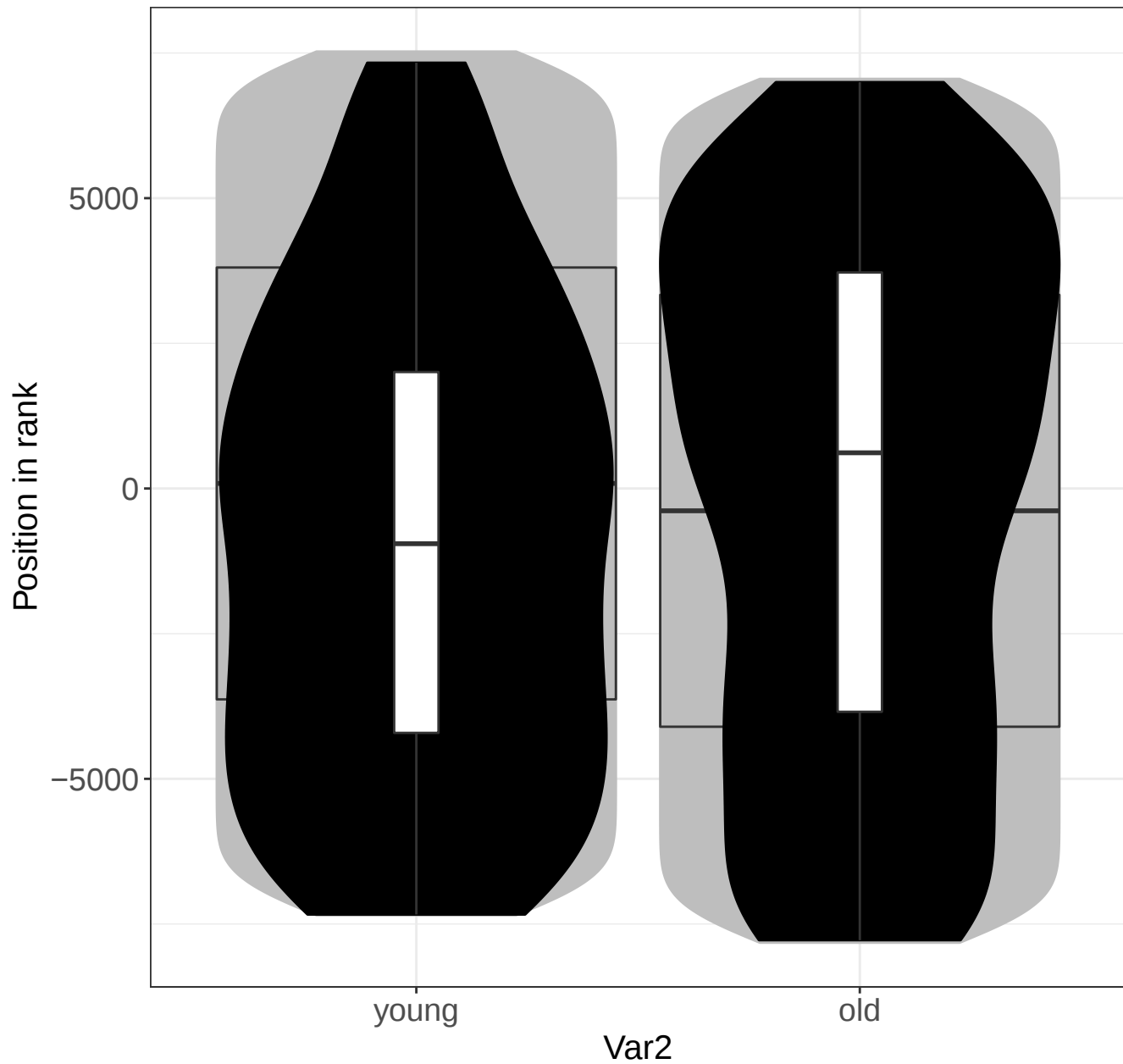
TRIM63_None_None_55317



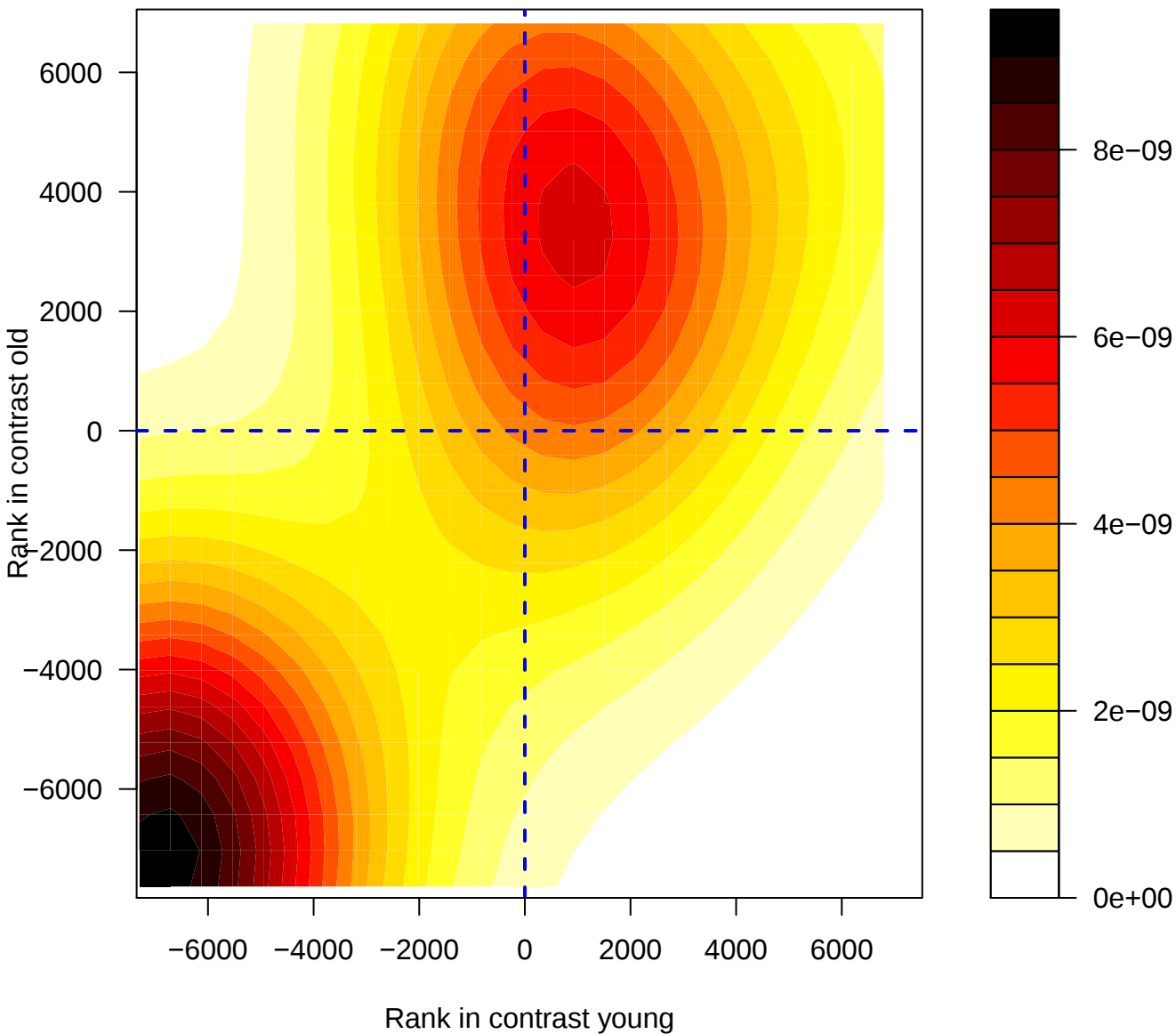
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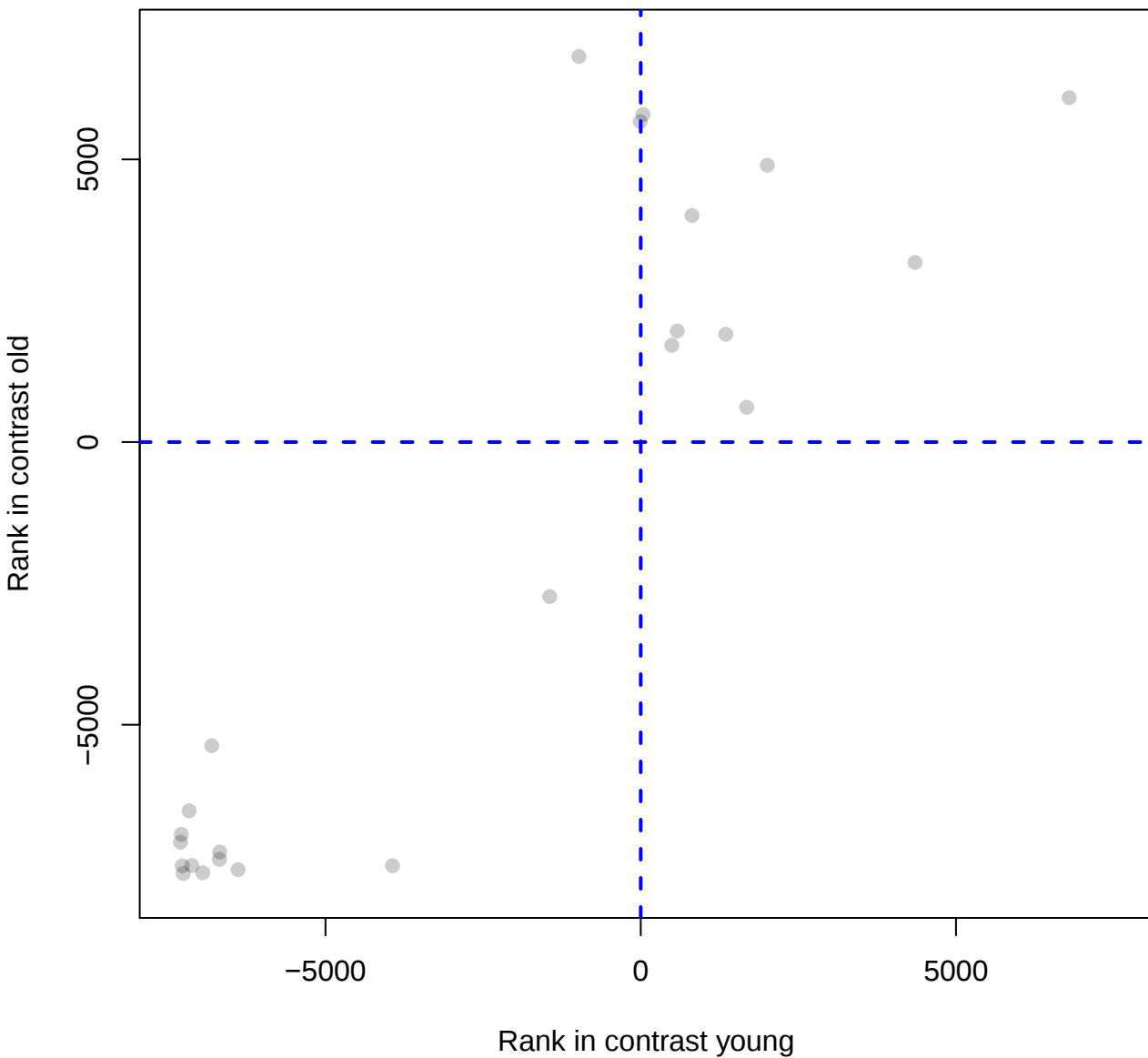
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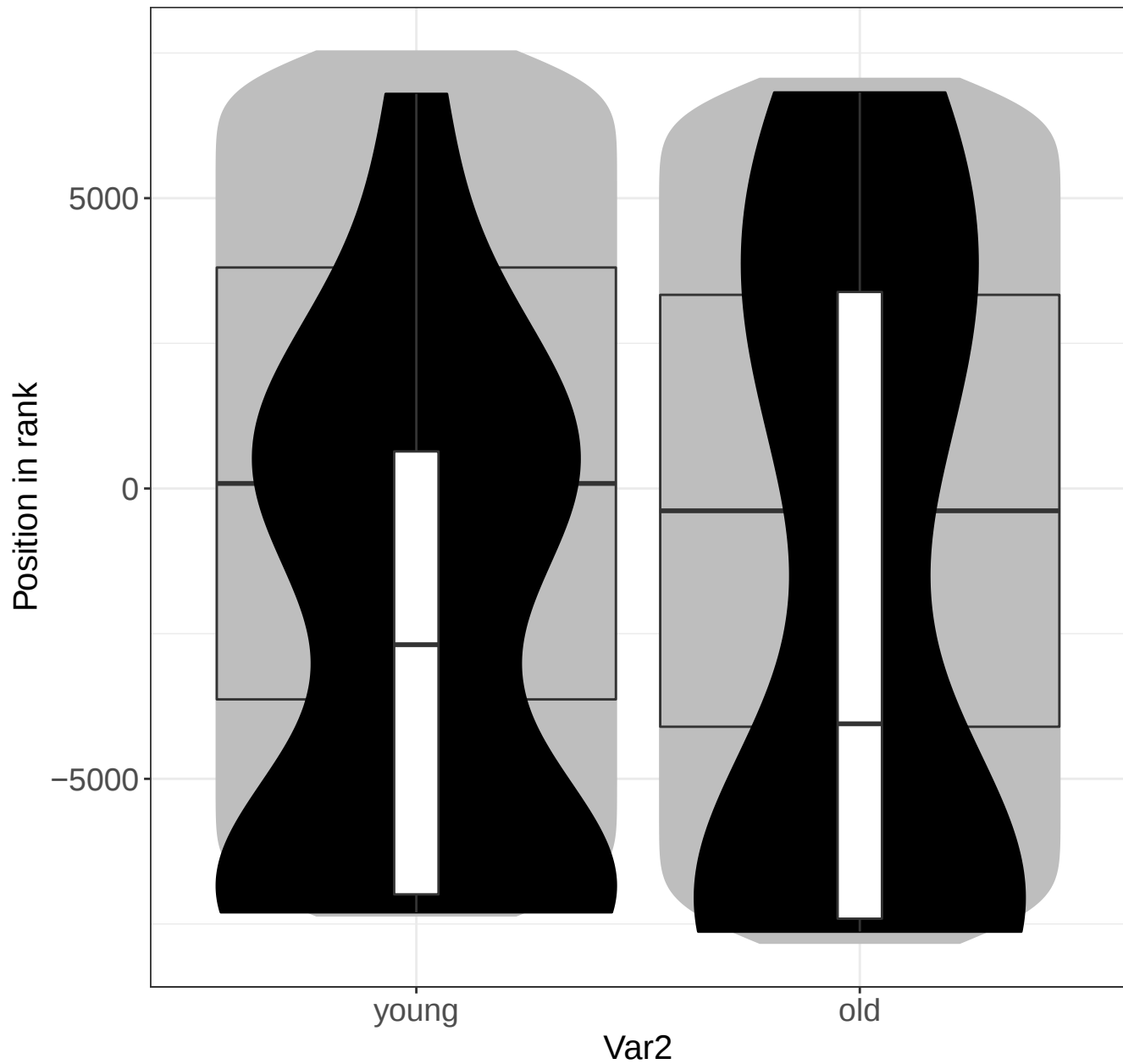
PDX1_NB490_Pancreaticacinarcell_86064



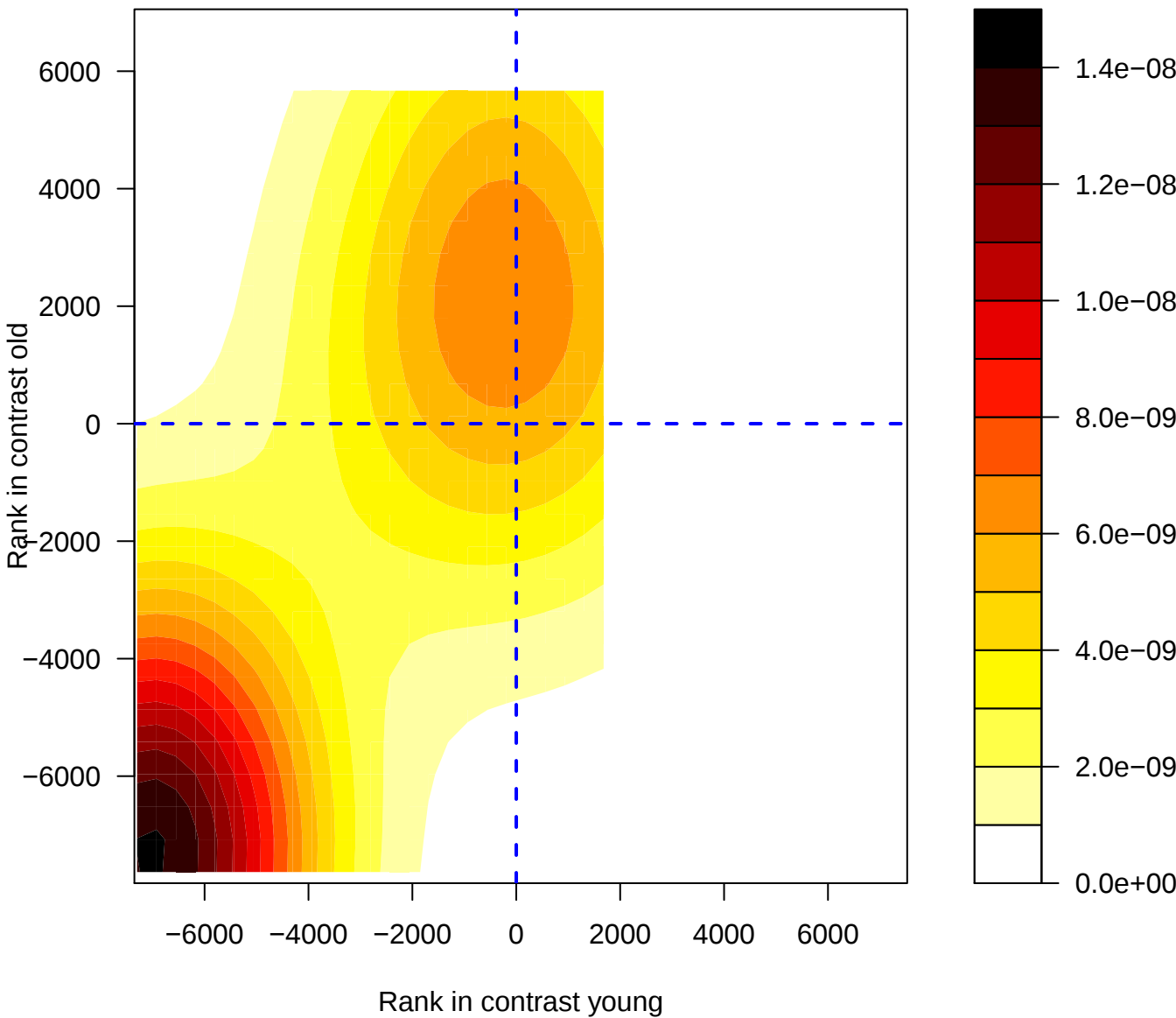
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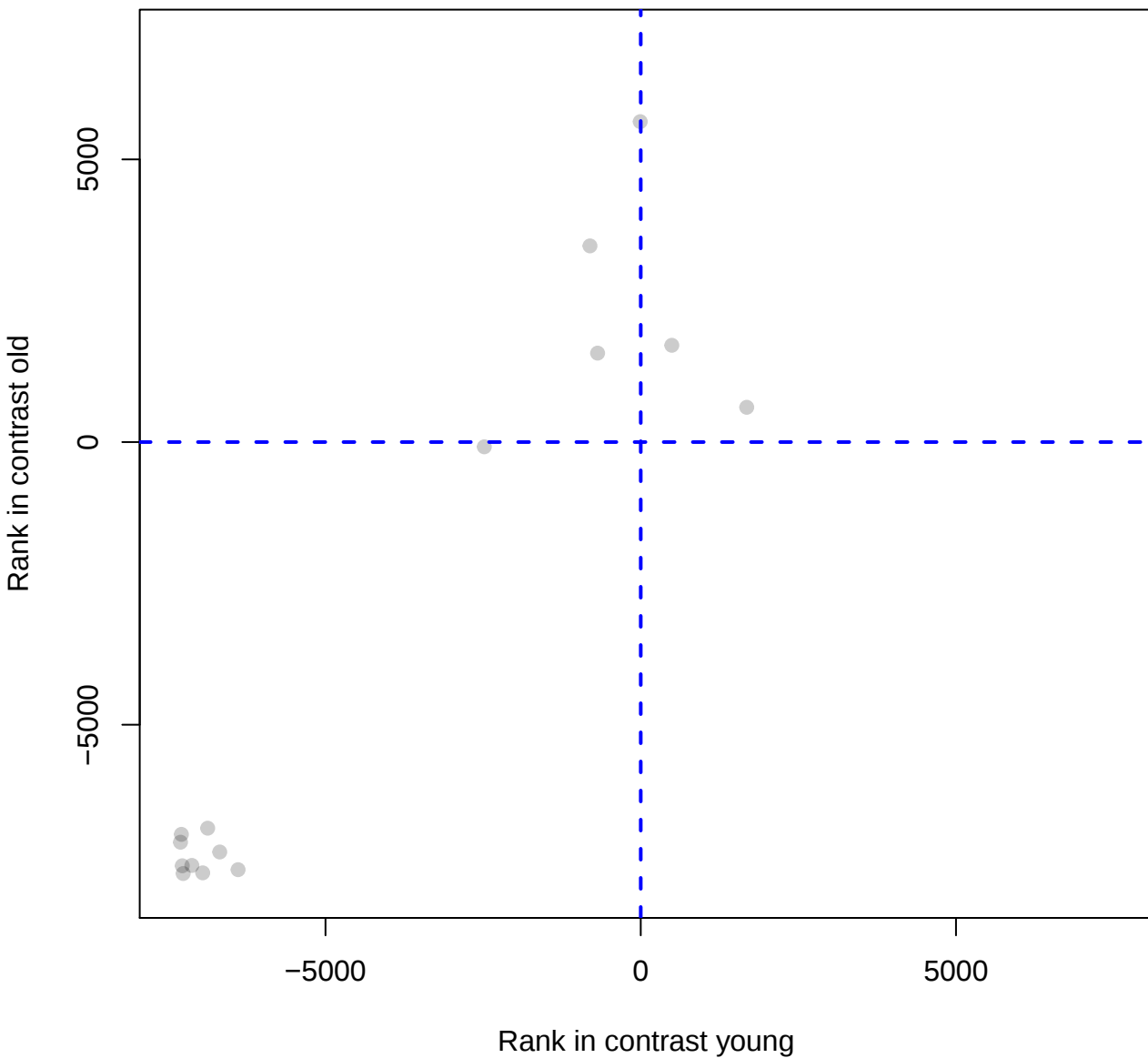
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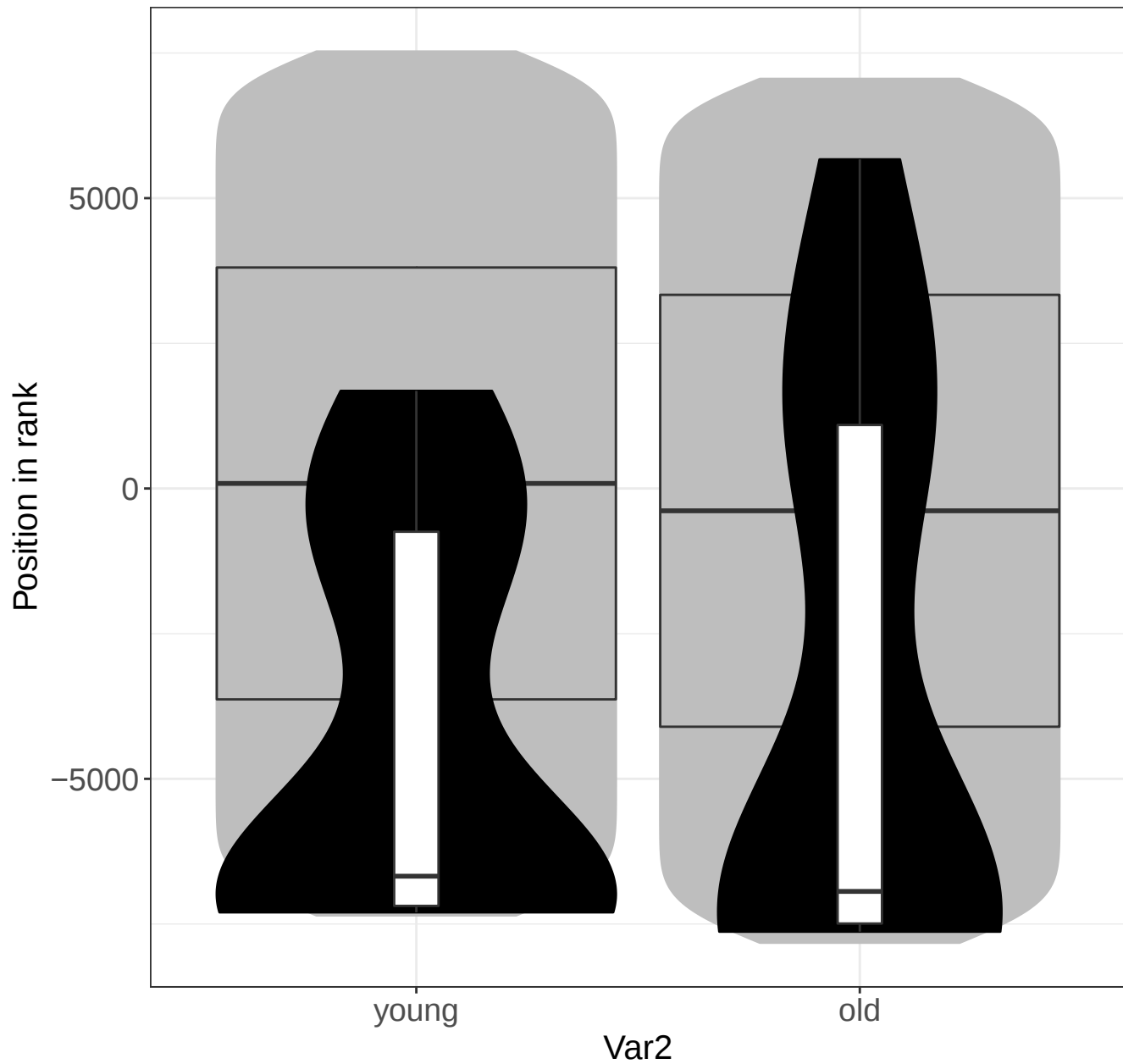
RELB_None_DendriticCell_39628



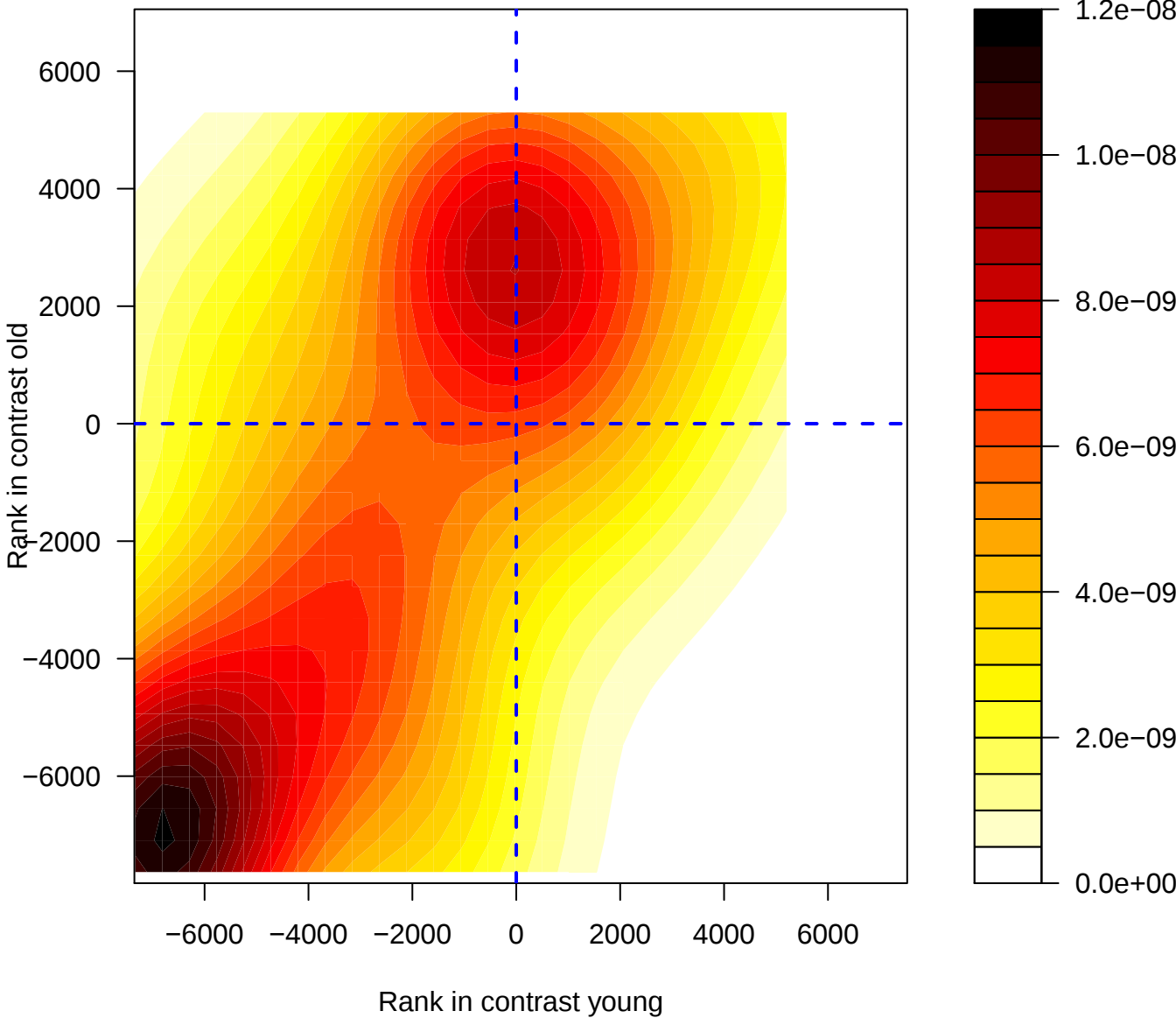
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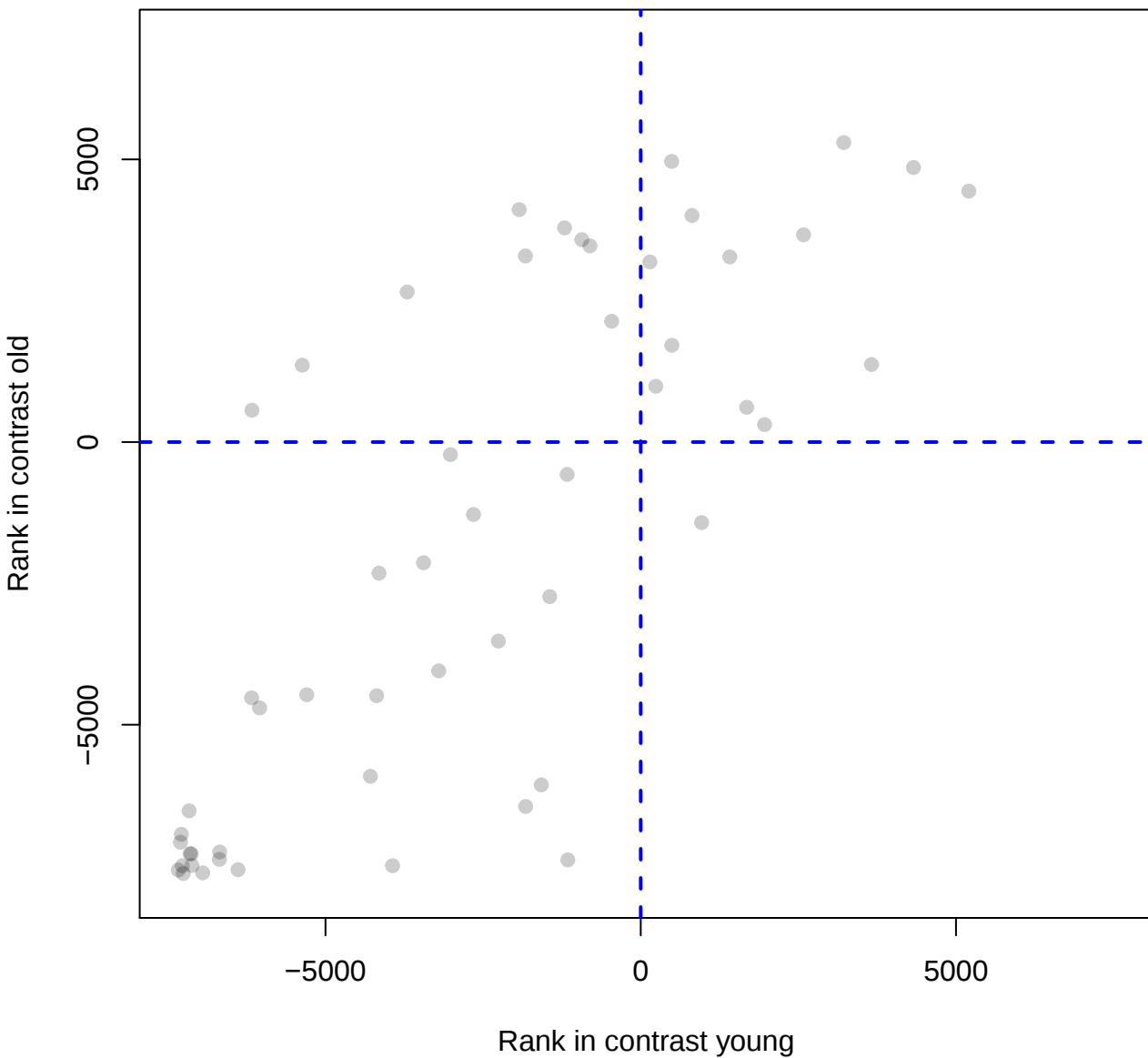
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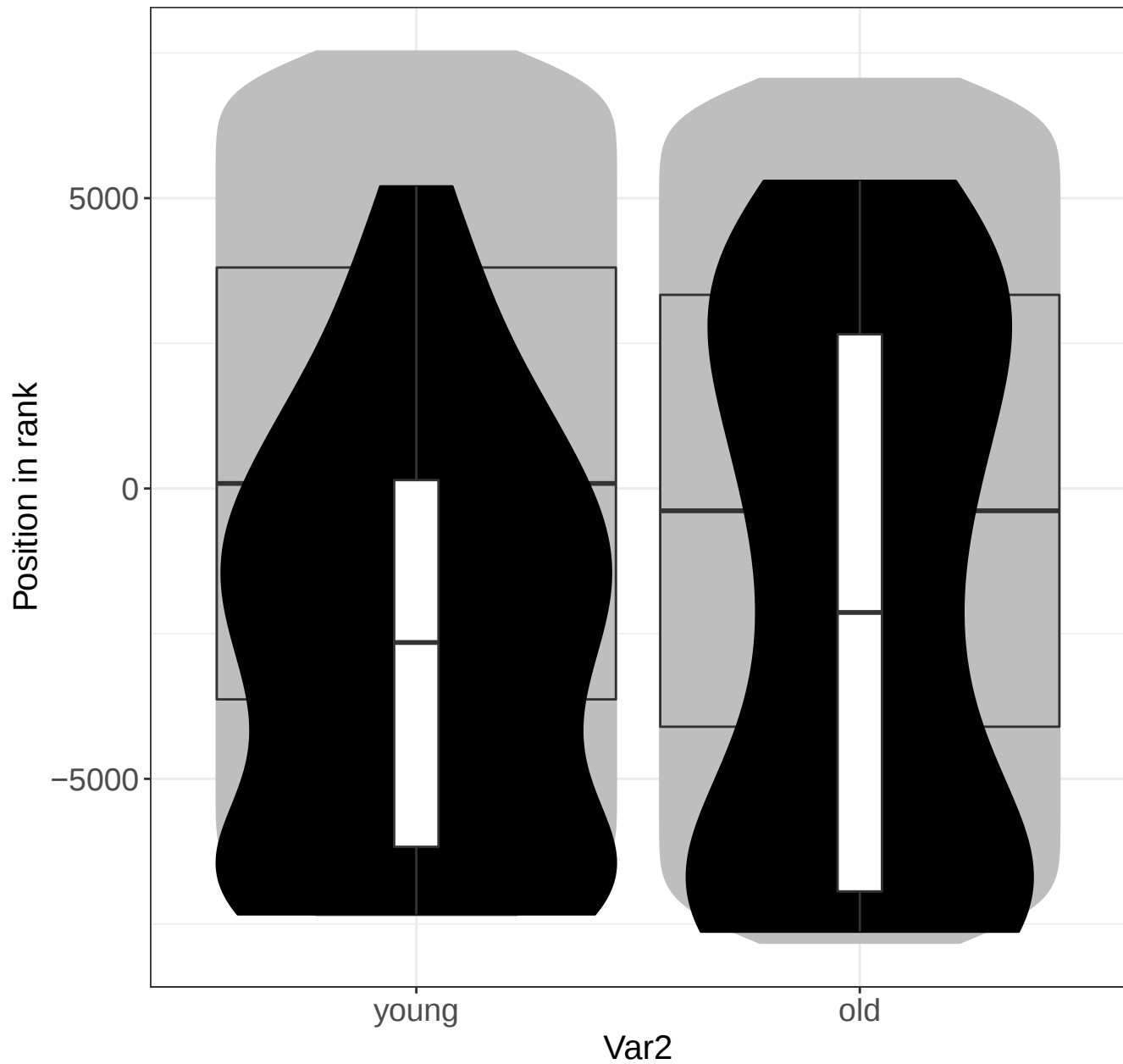
NLRC5_None_TLymphocyte_51239



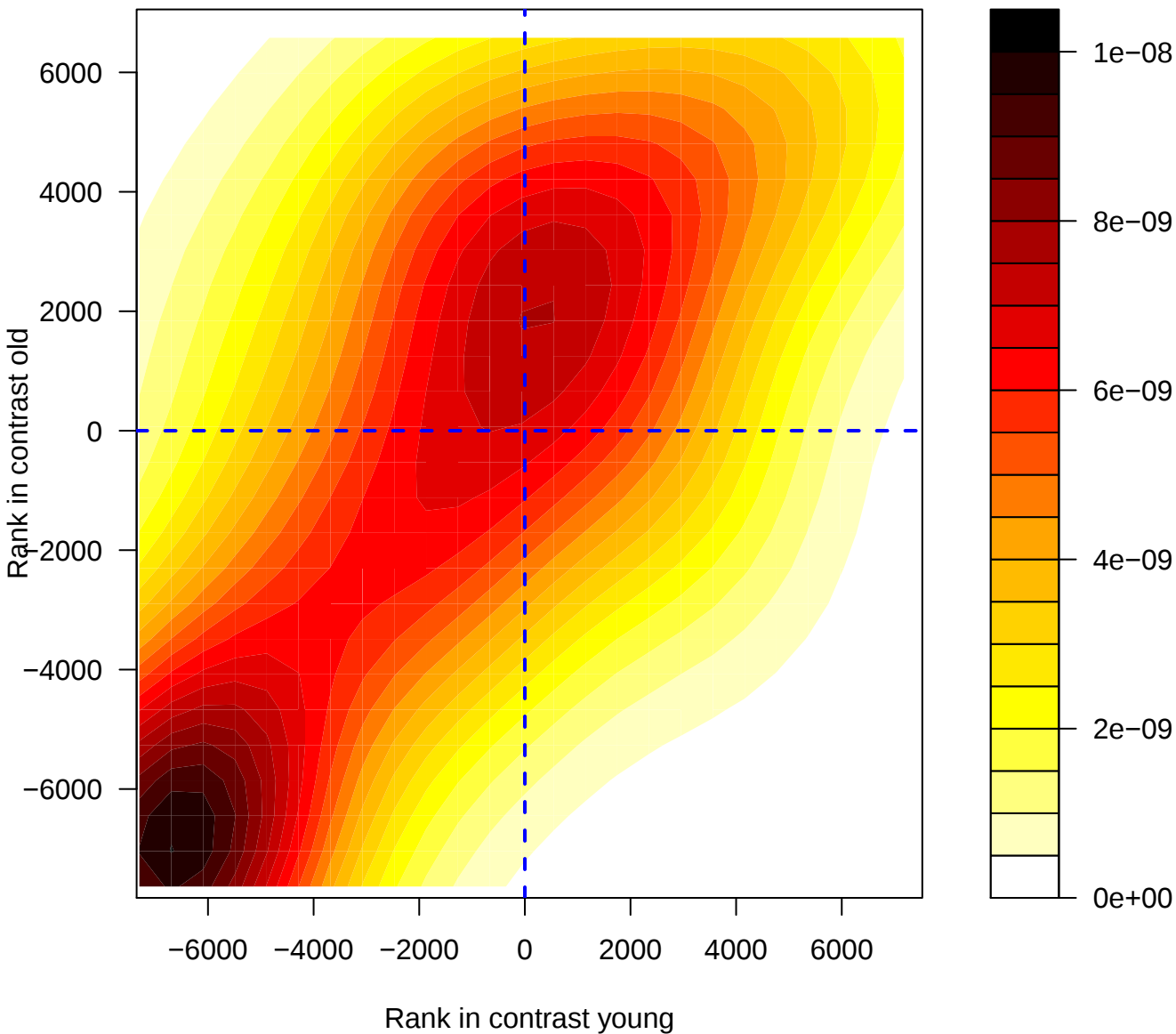
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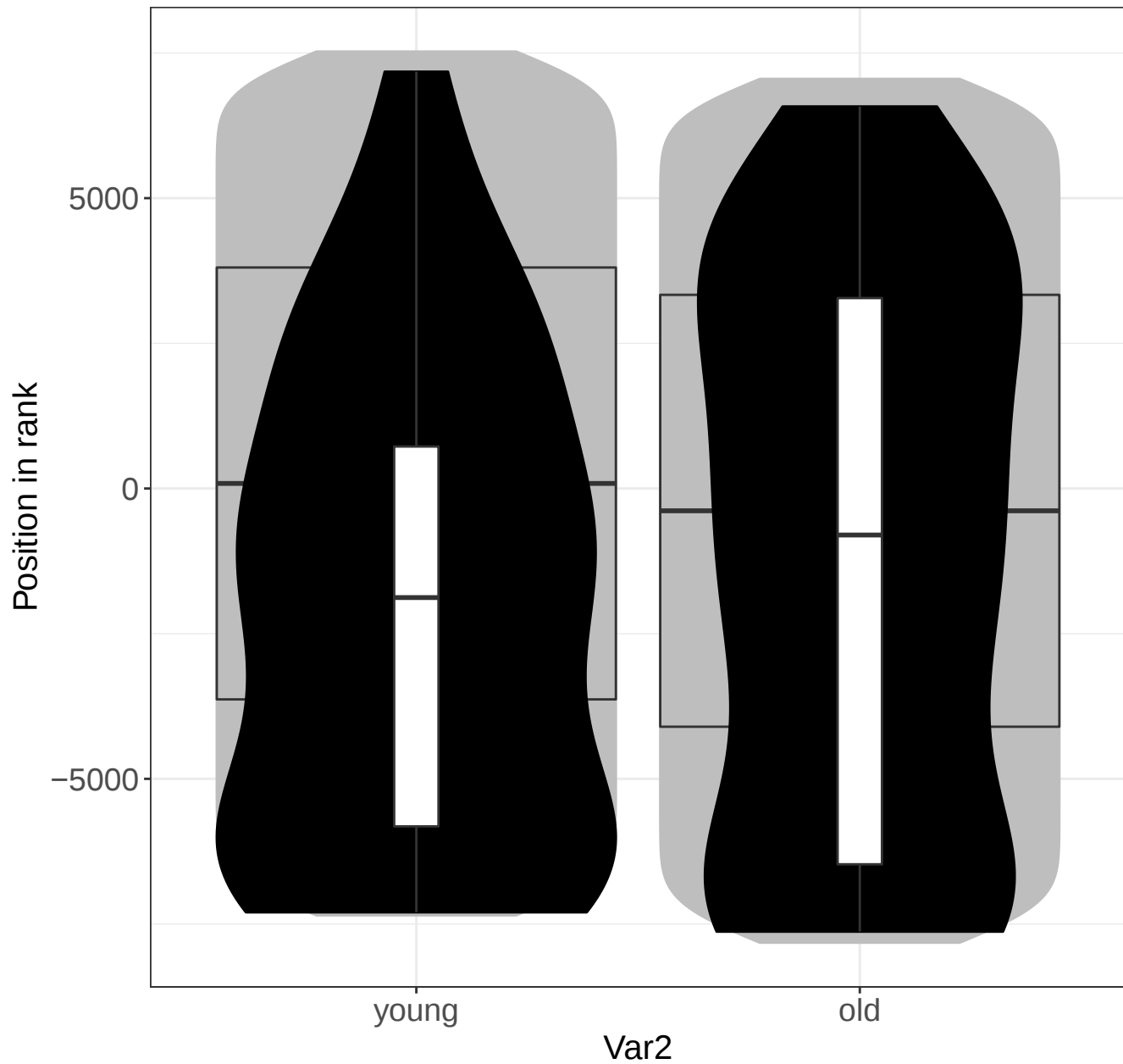
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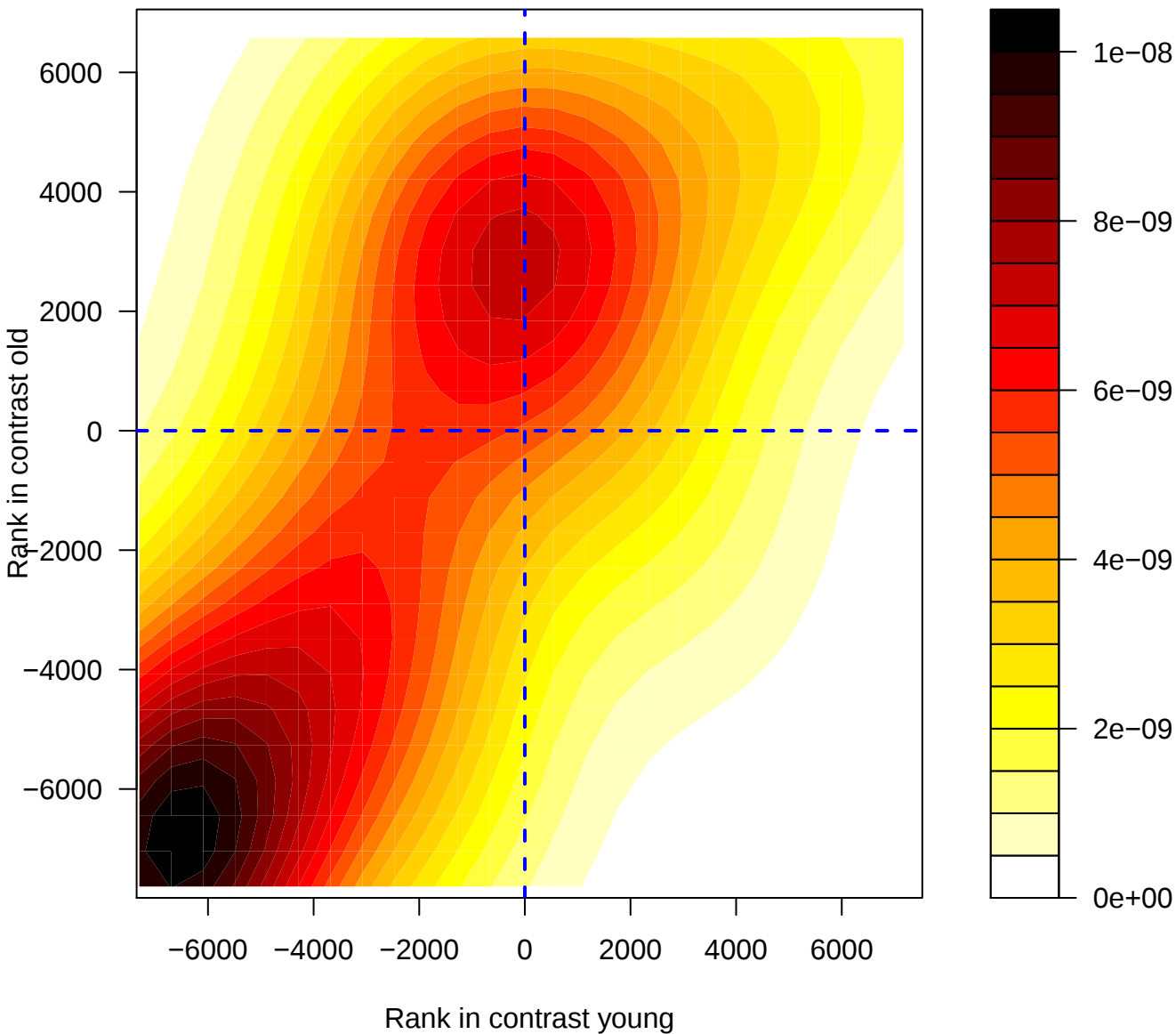
NLRC5_None_TLymphocyte_51237



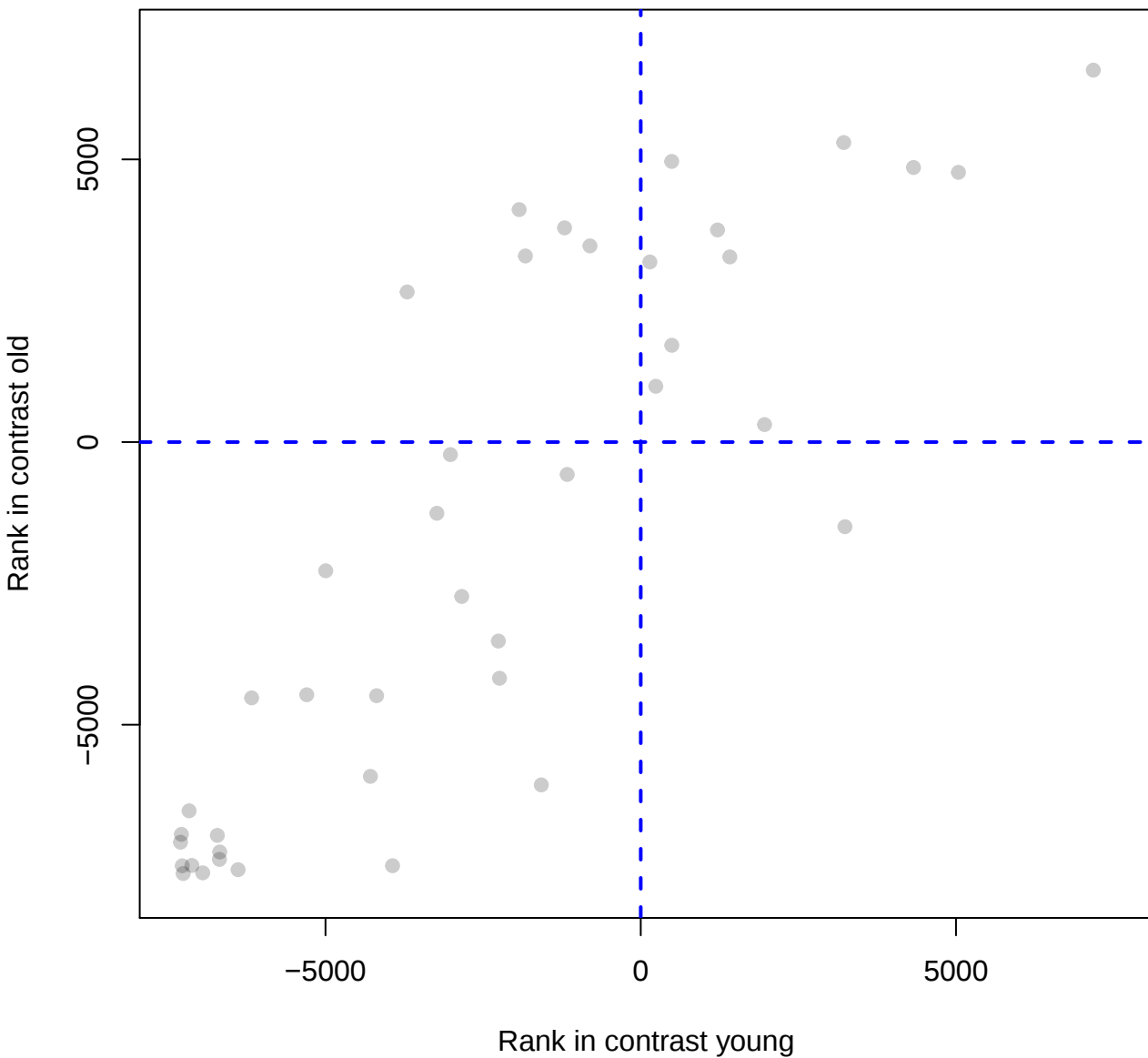
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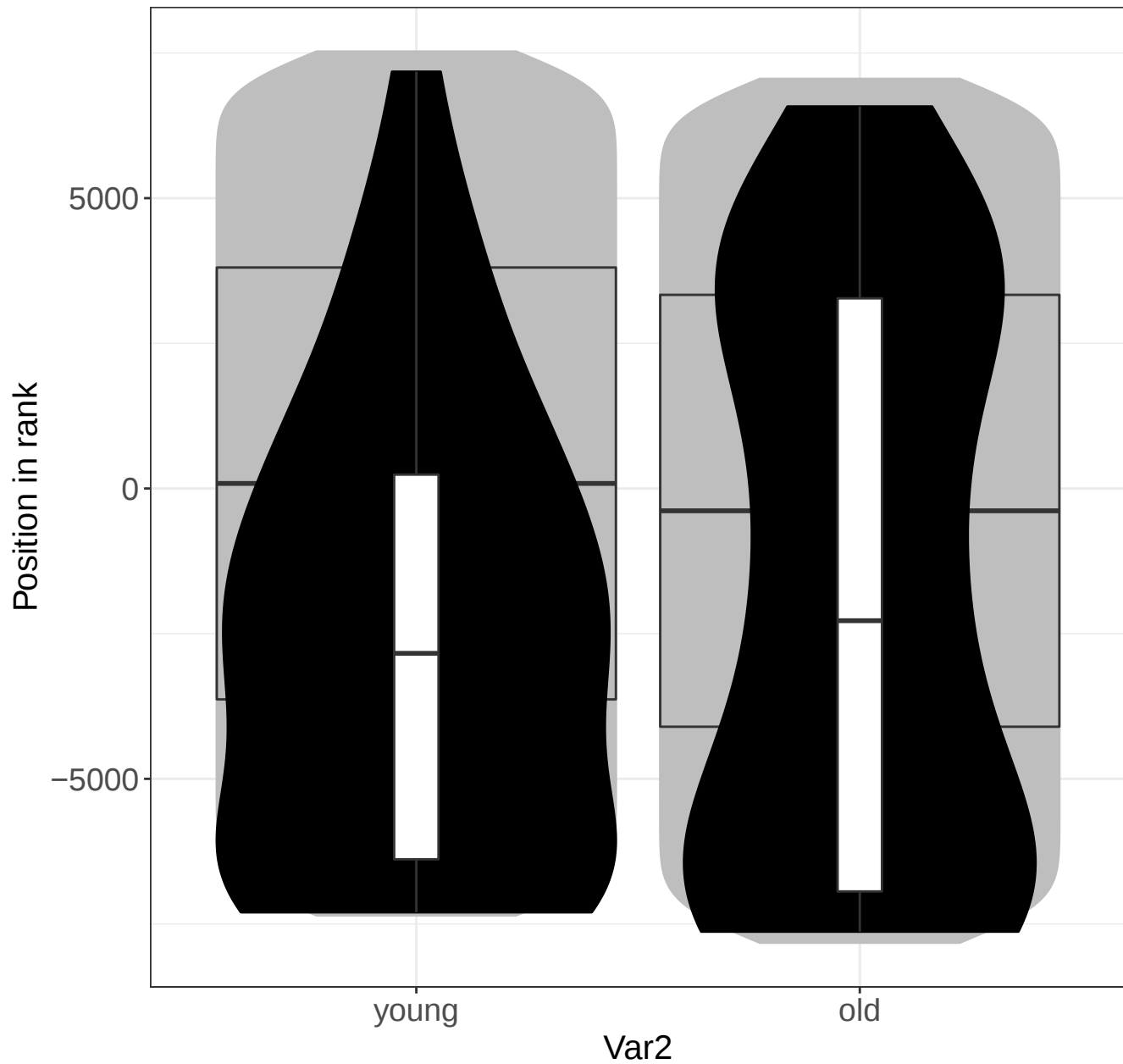
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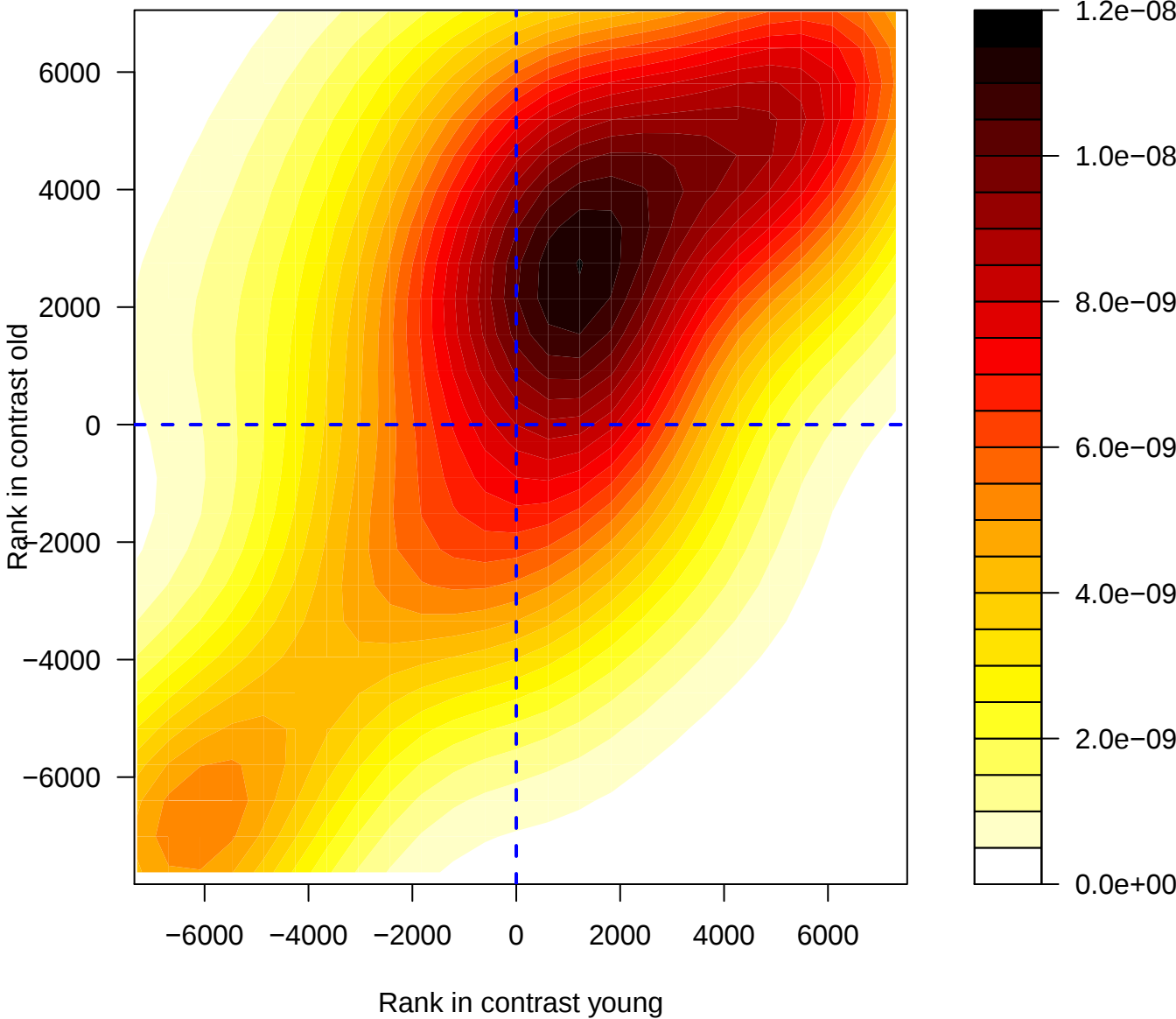
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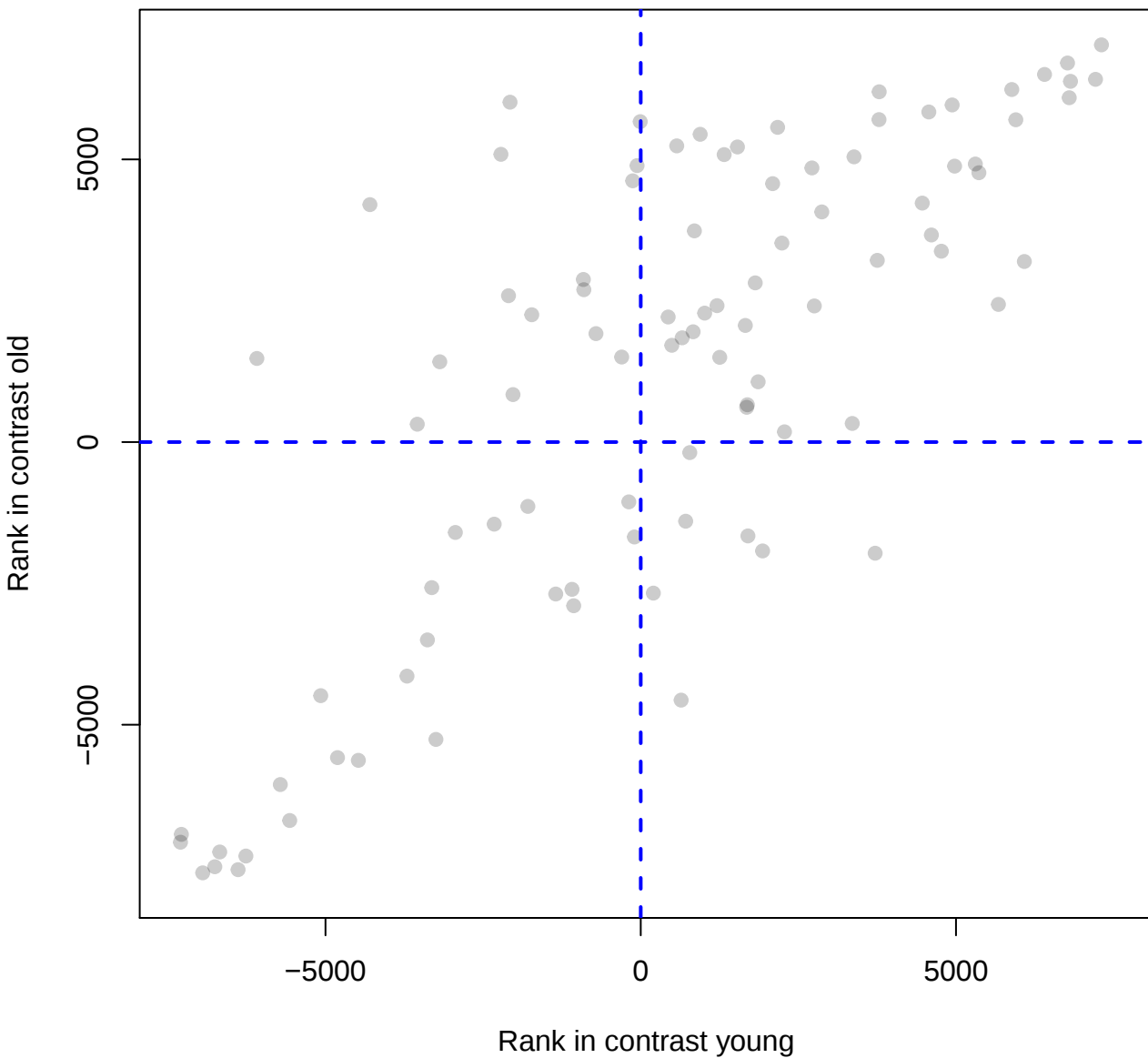
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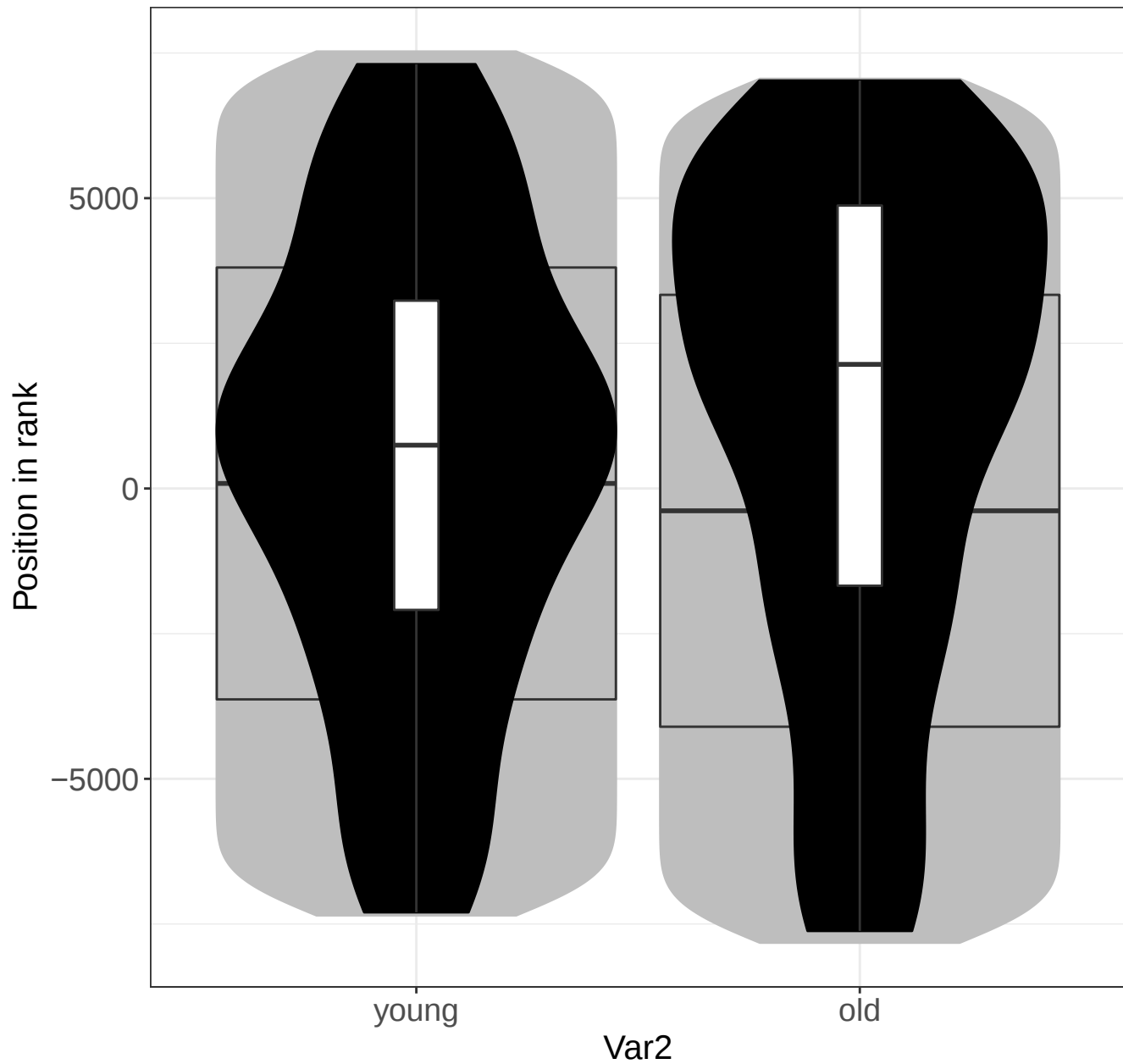
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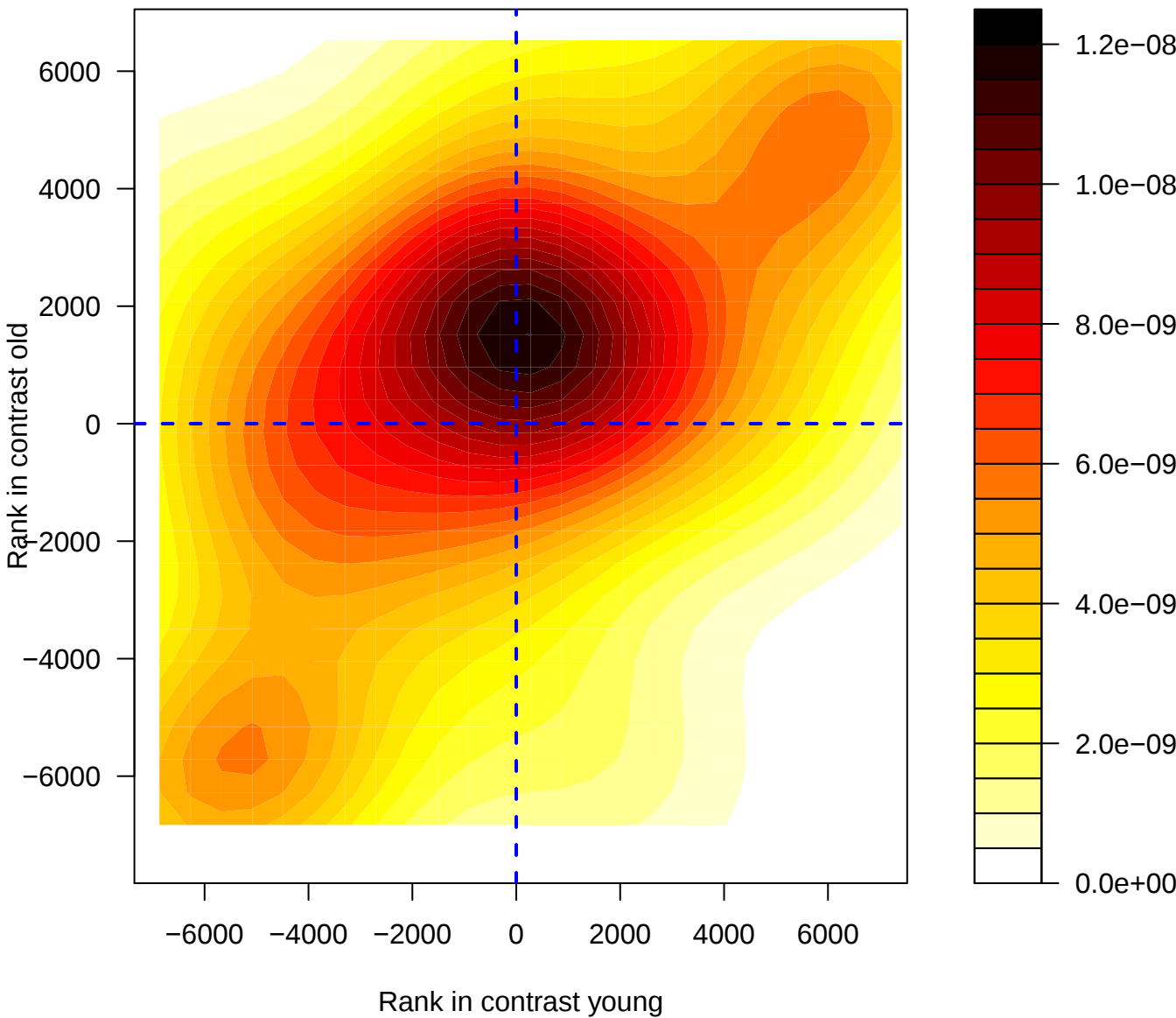
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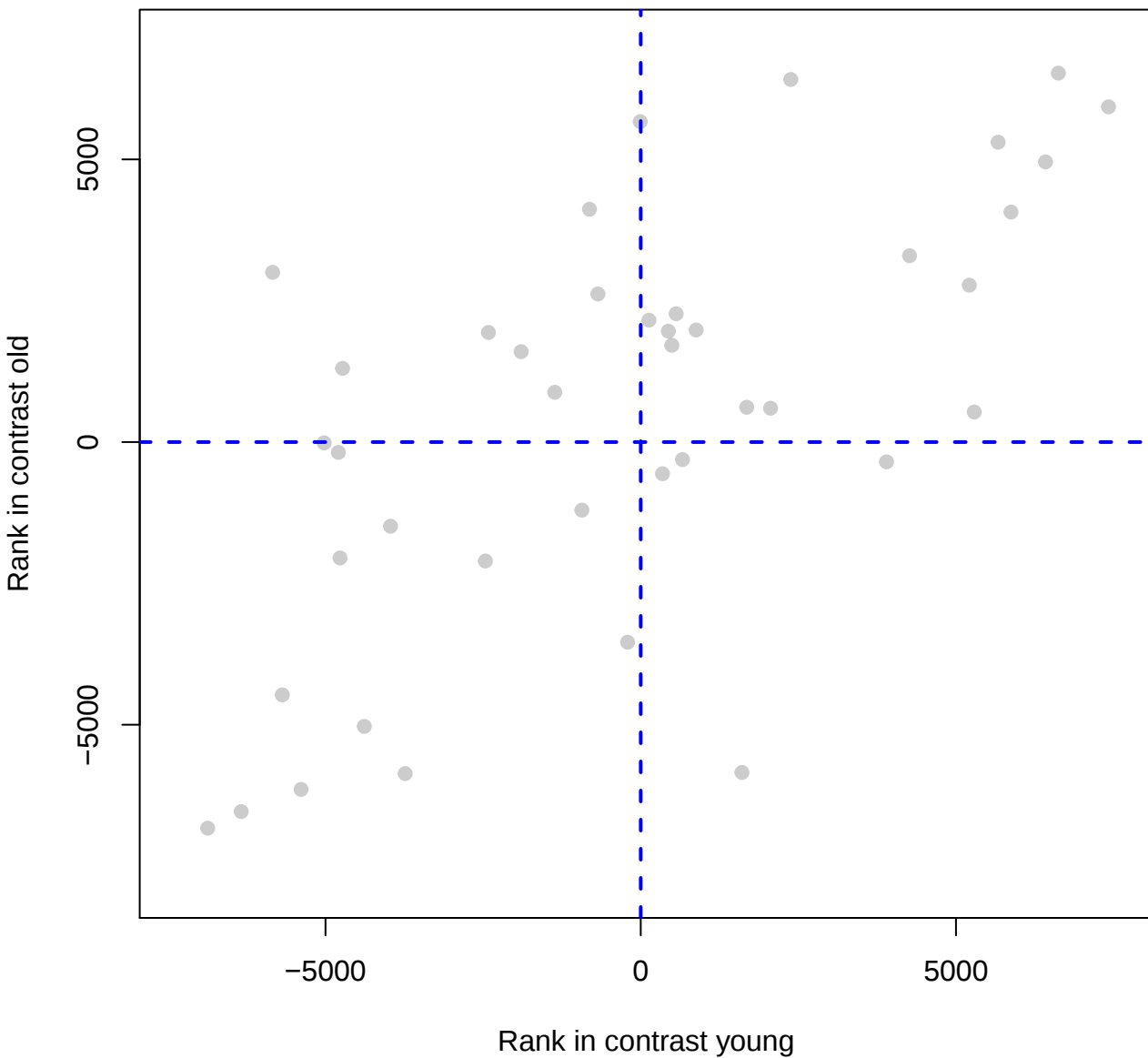
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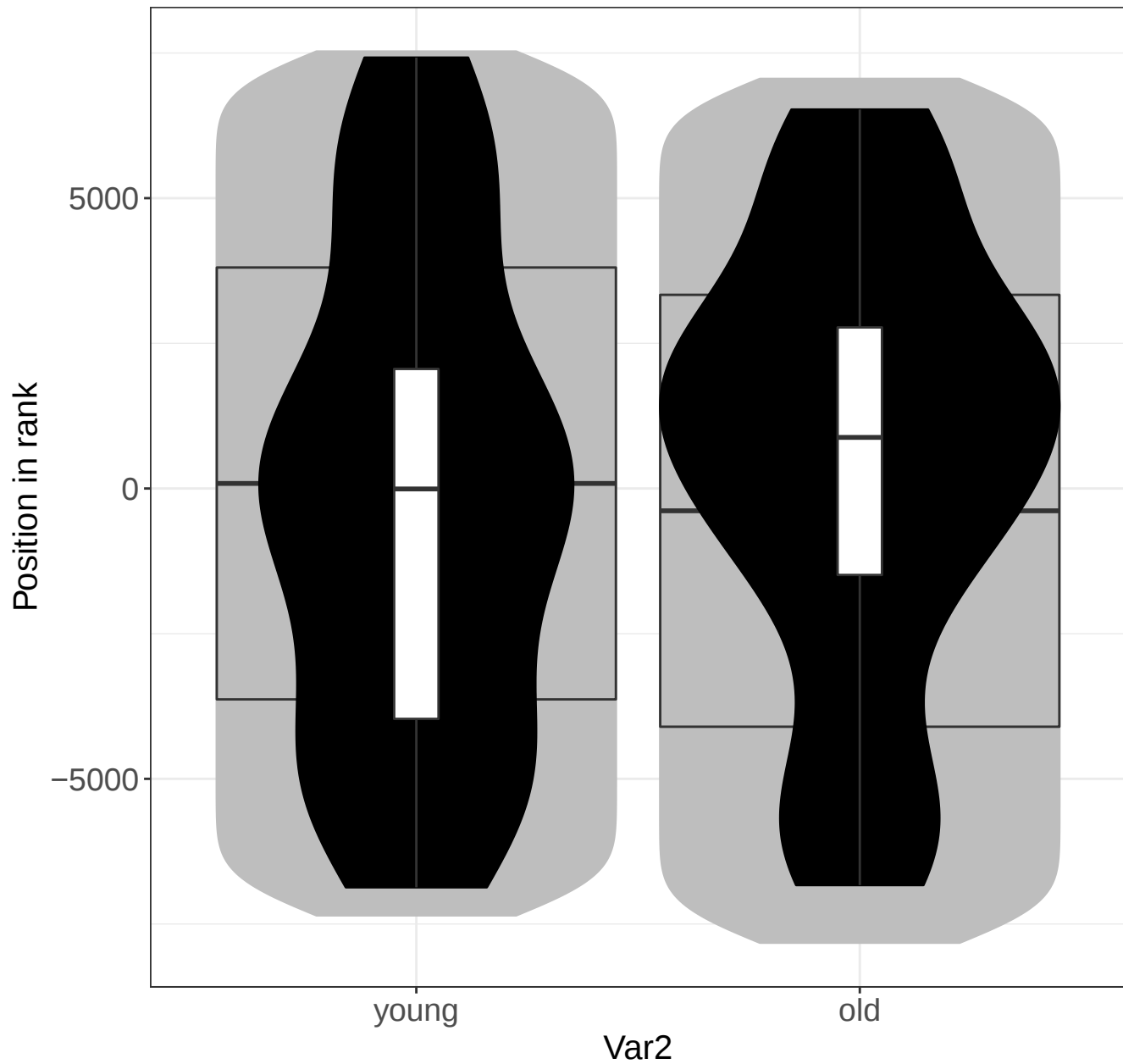
MKL1_NIH-3T3_Fibroblast_44152



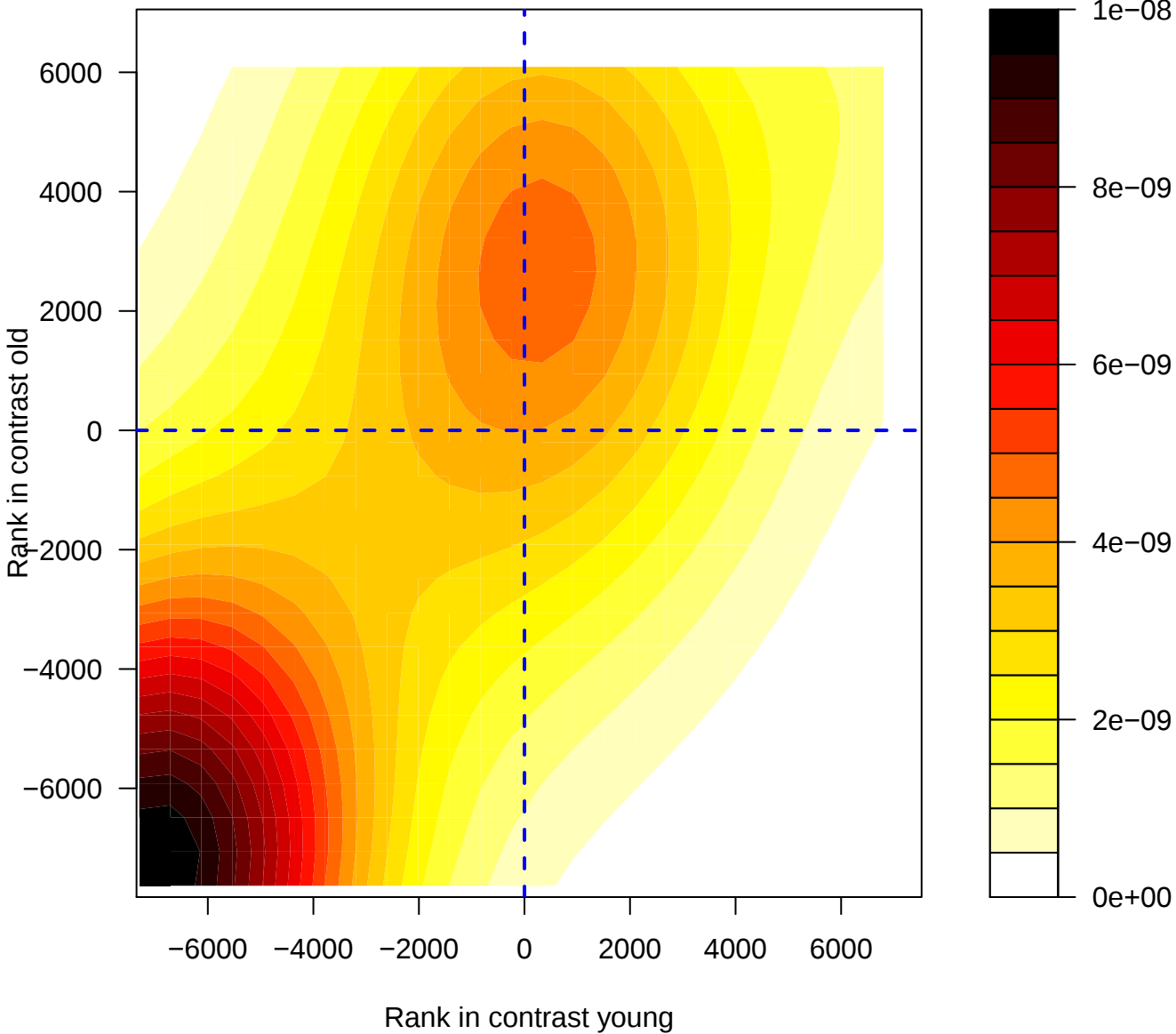
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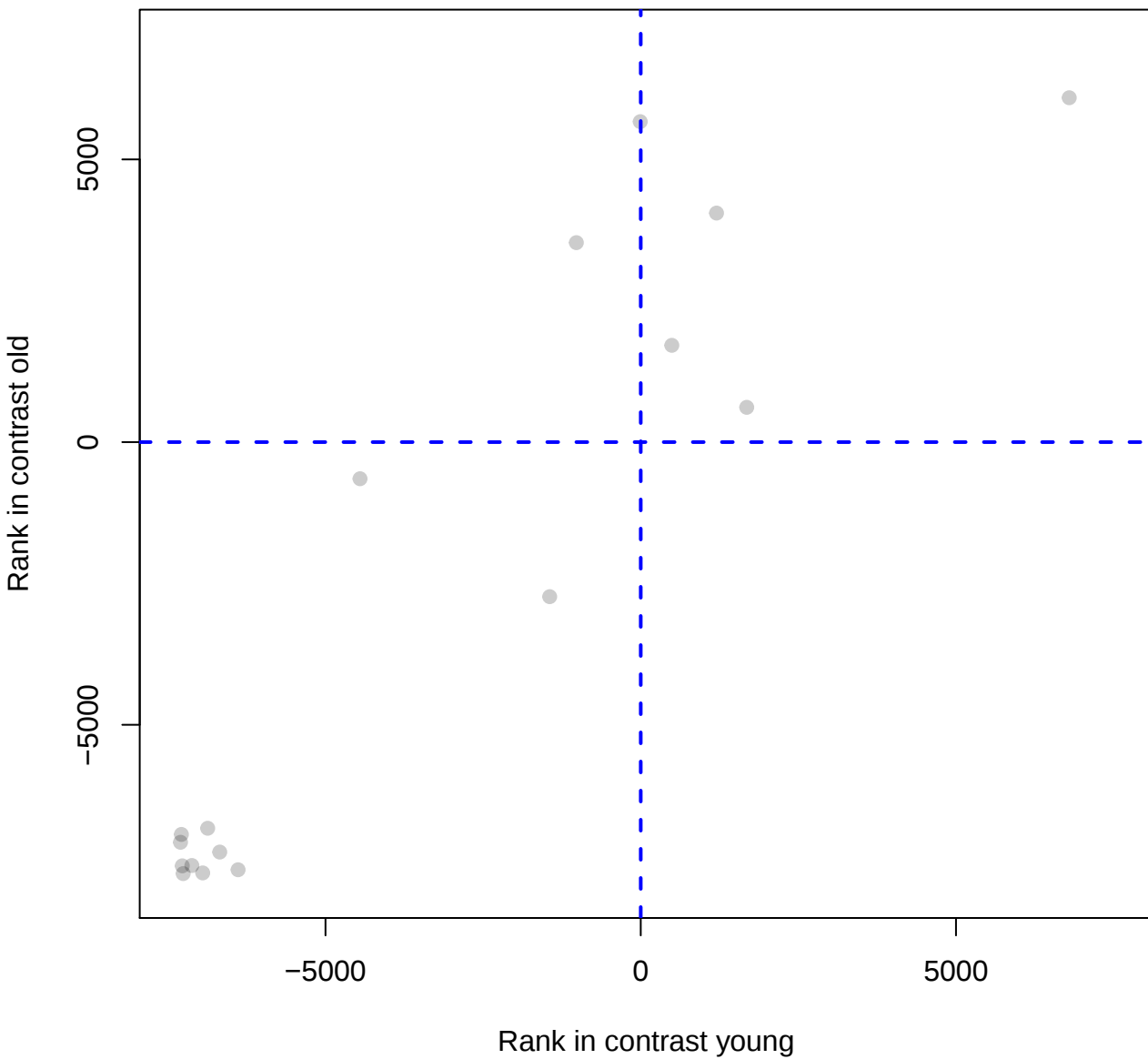
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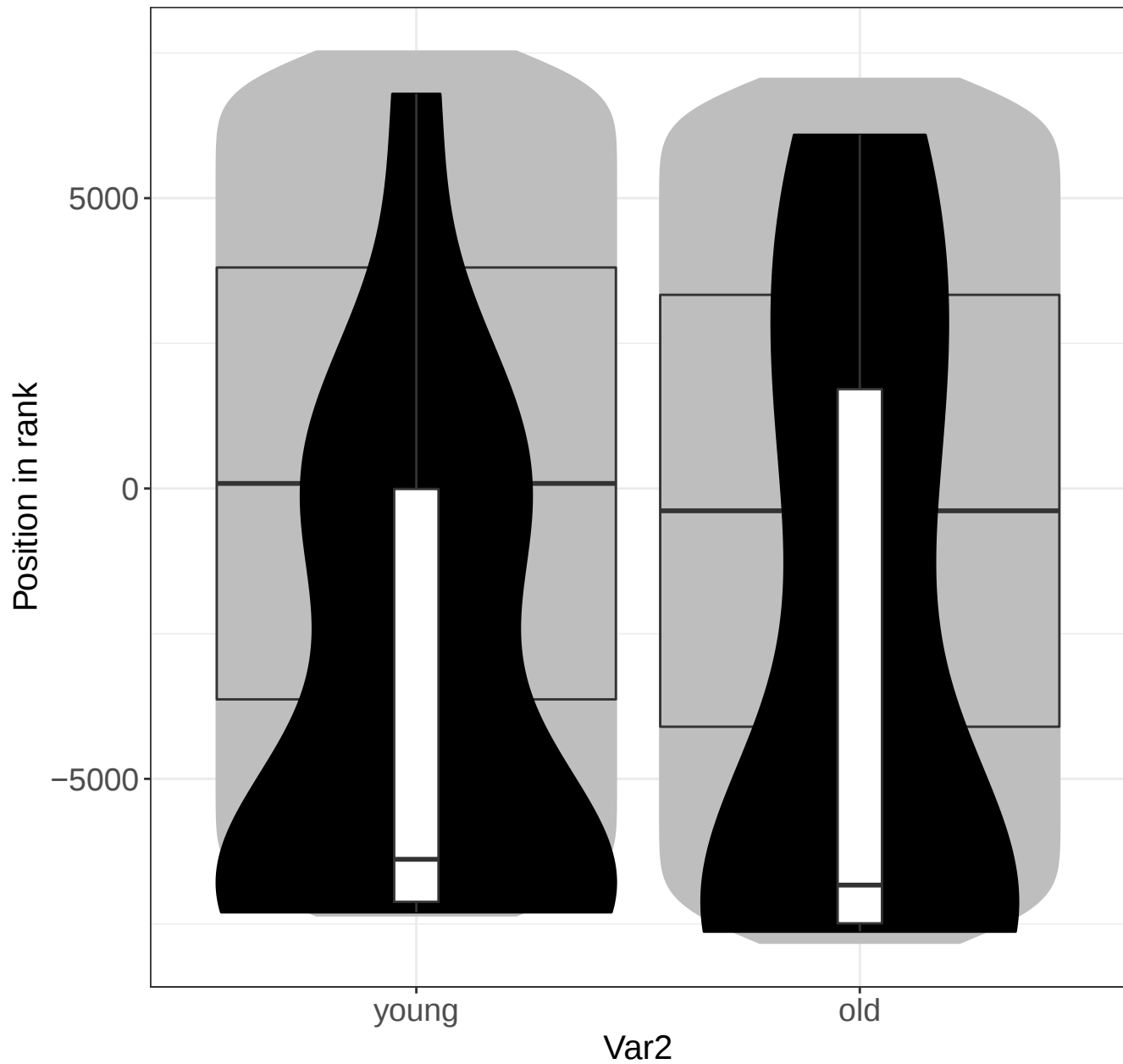
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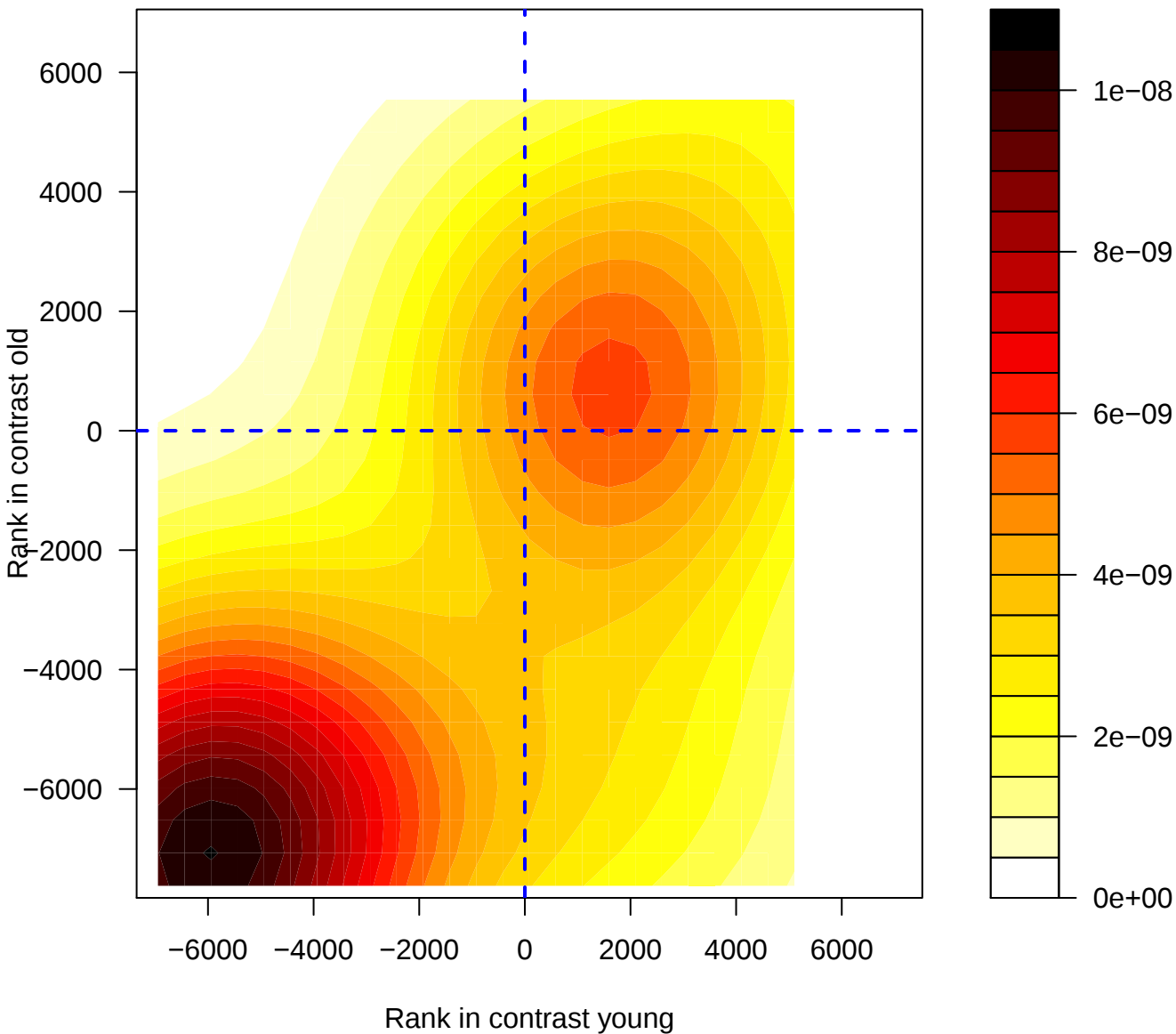
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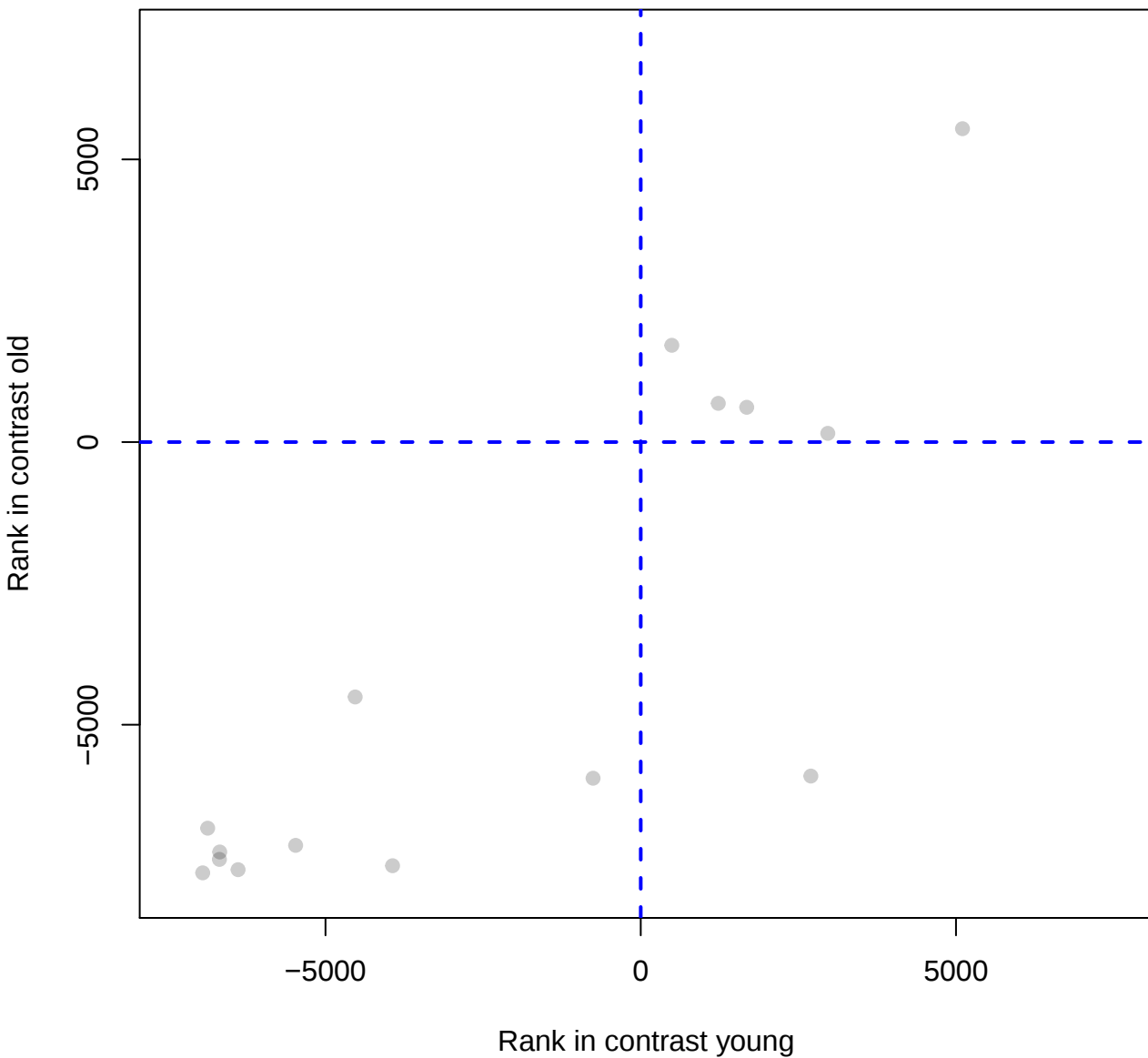
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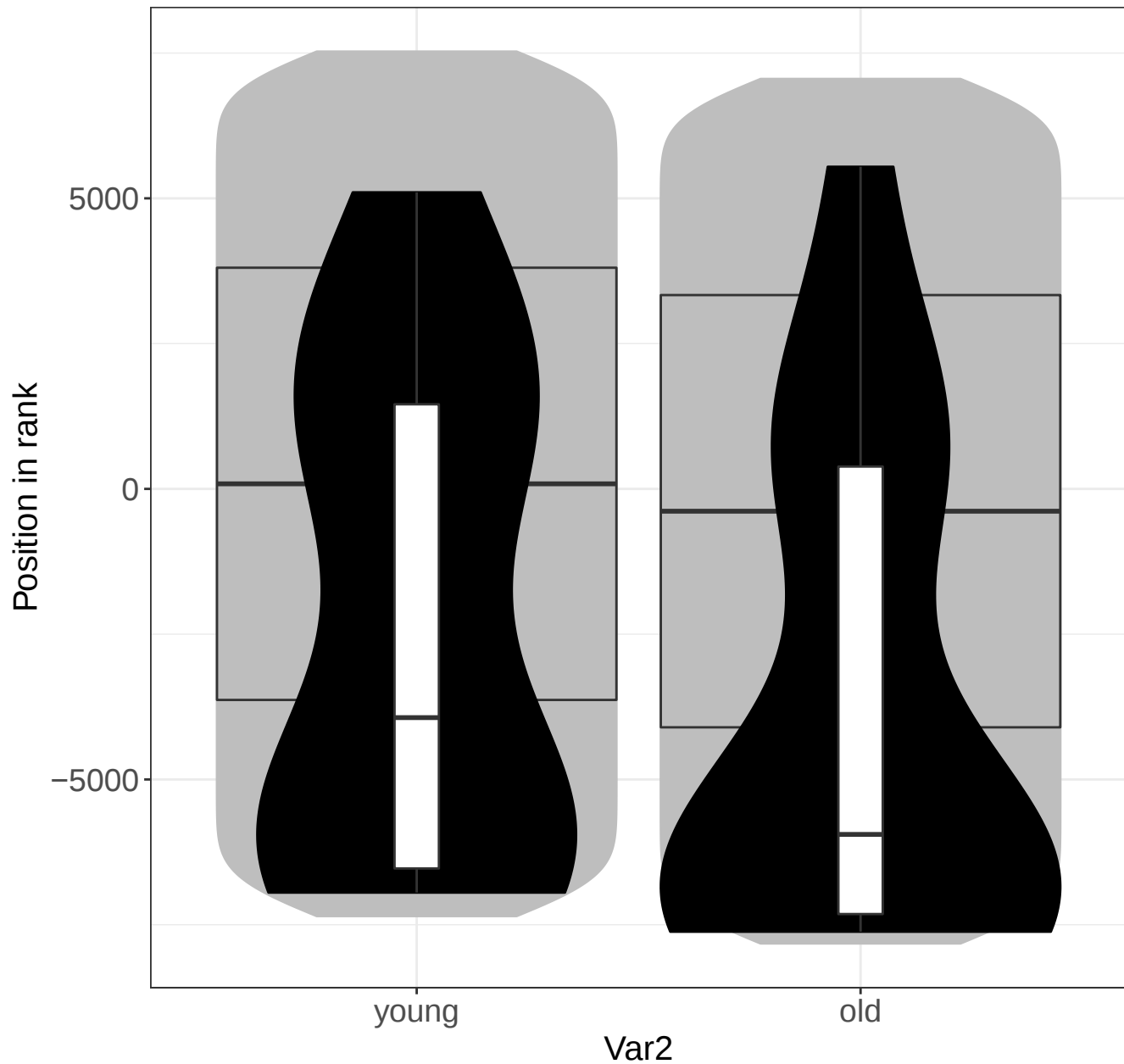
JARID2_None_EmbryonicStemCell_4394



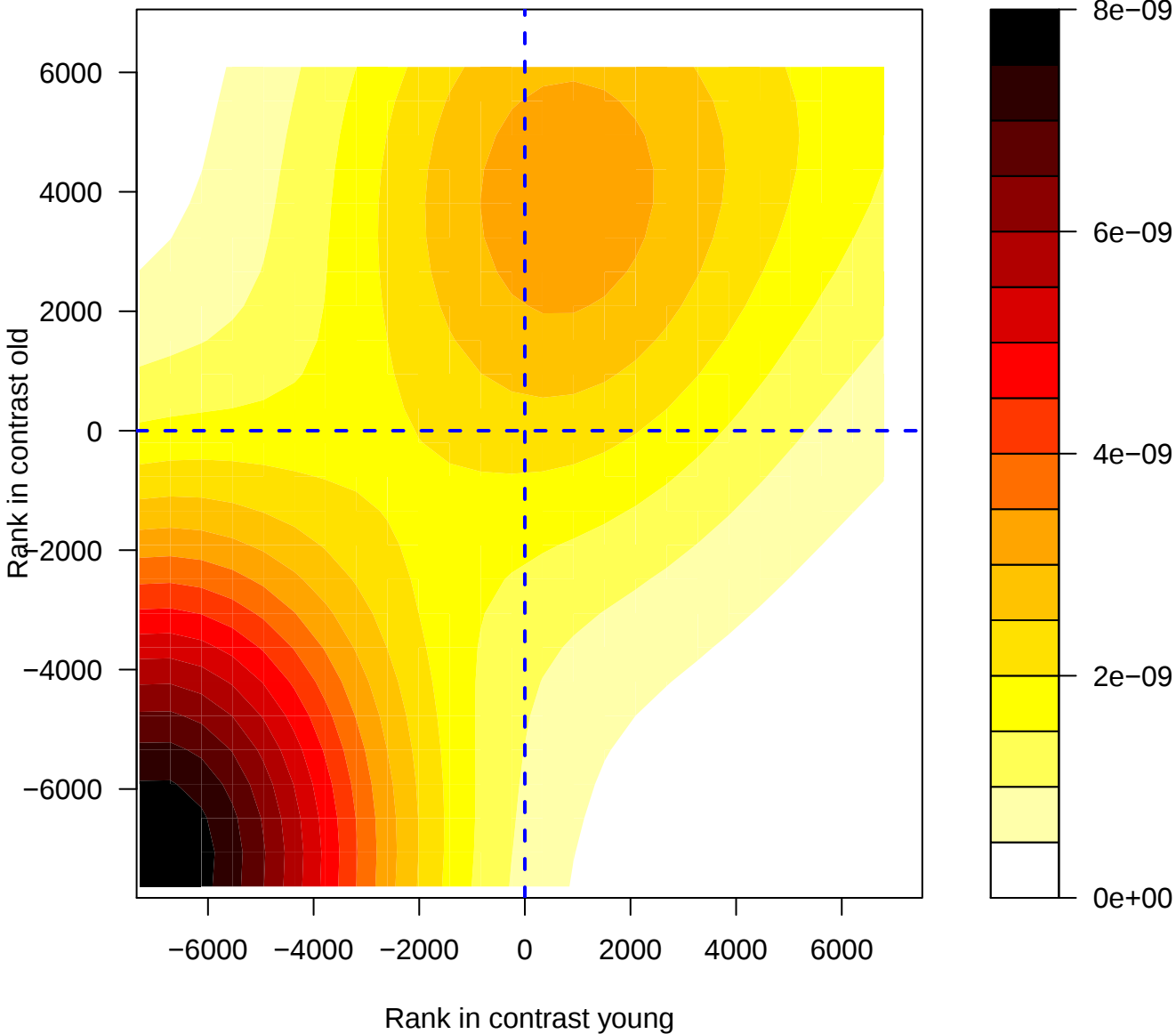
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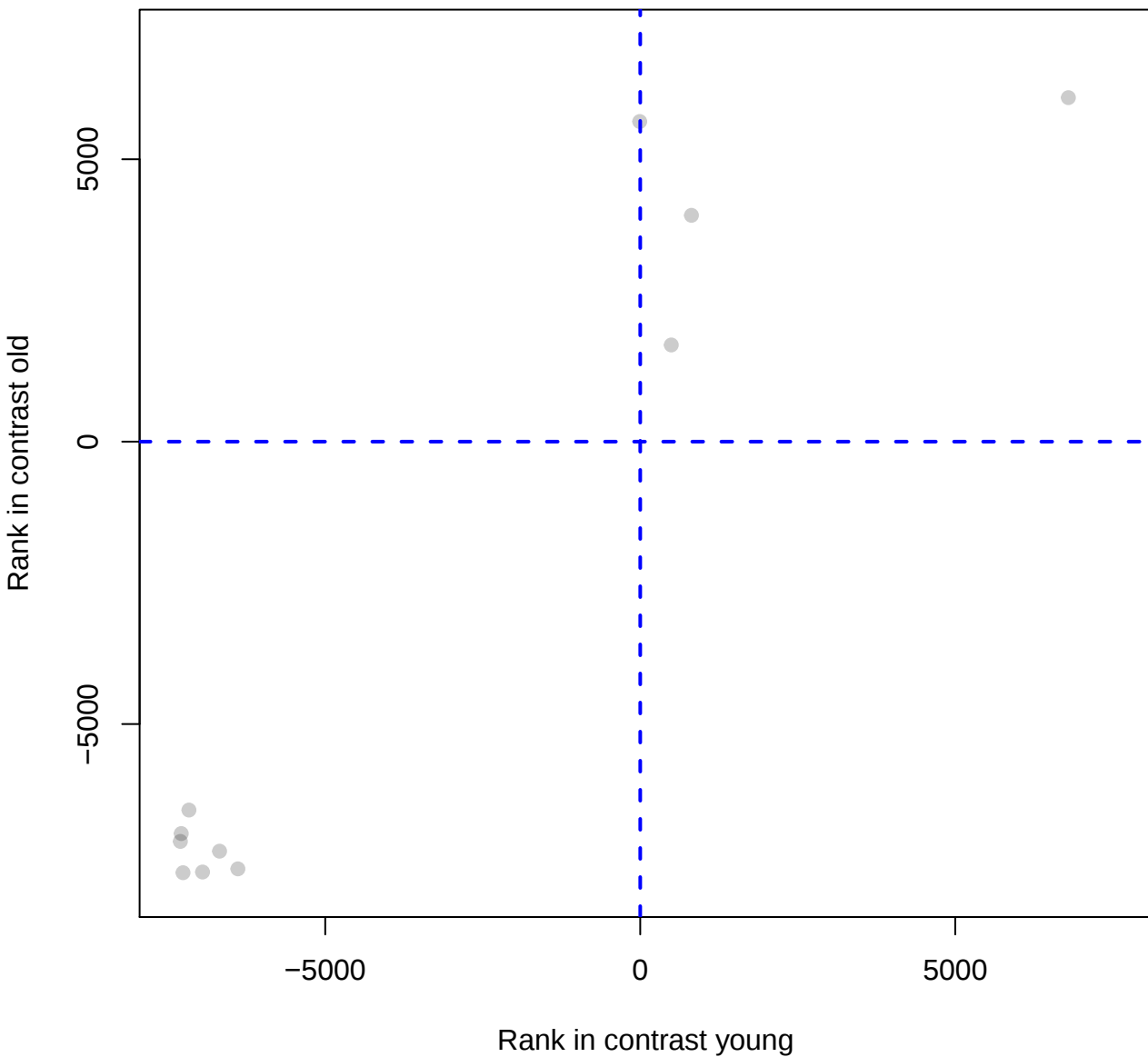
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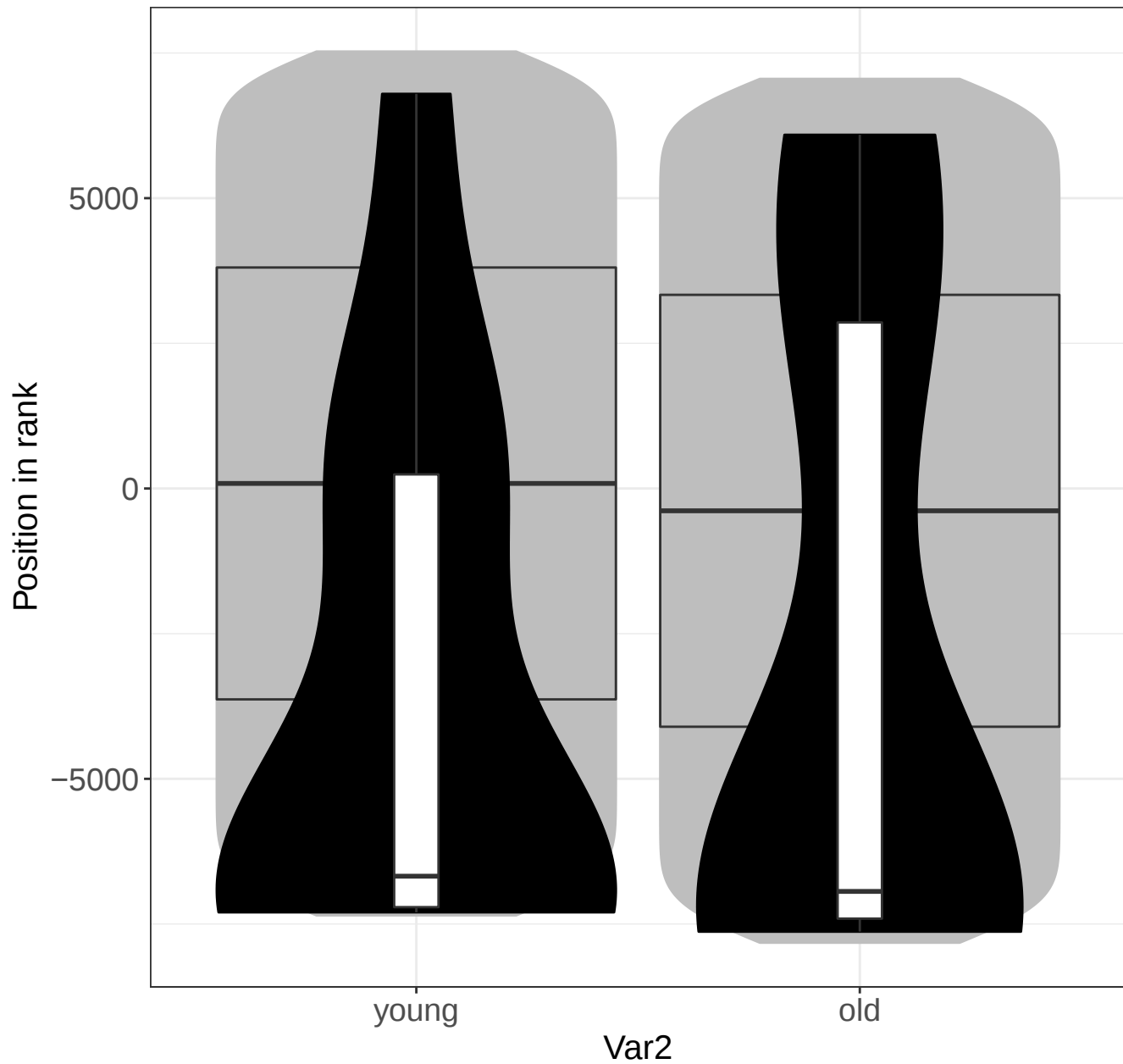
KLF4_None_NeuralProgenitorCell_76352



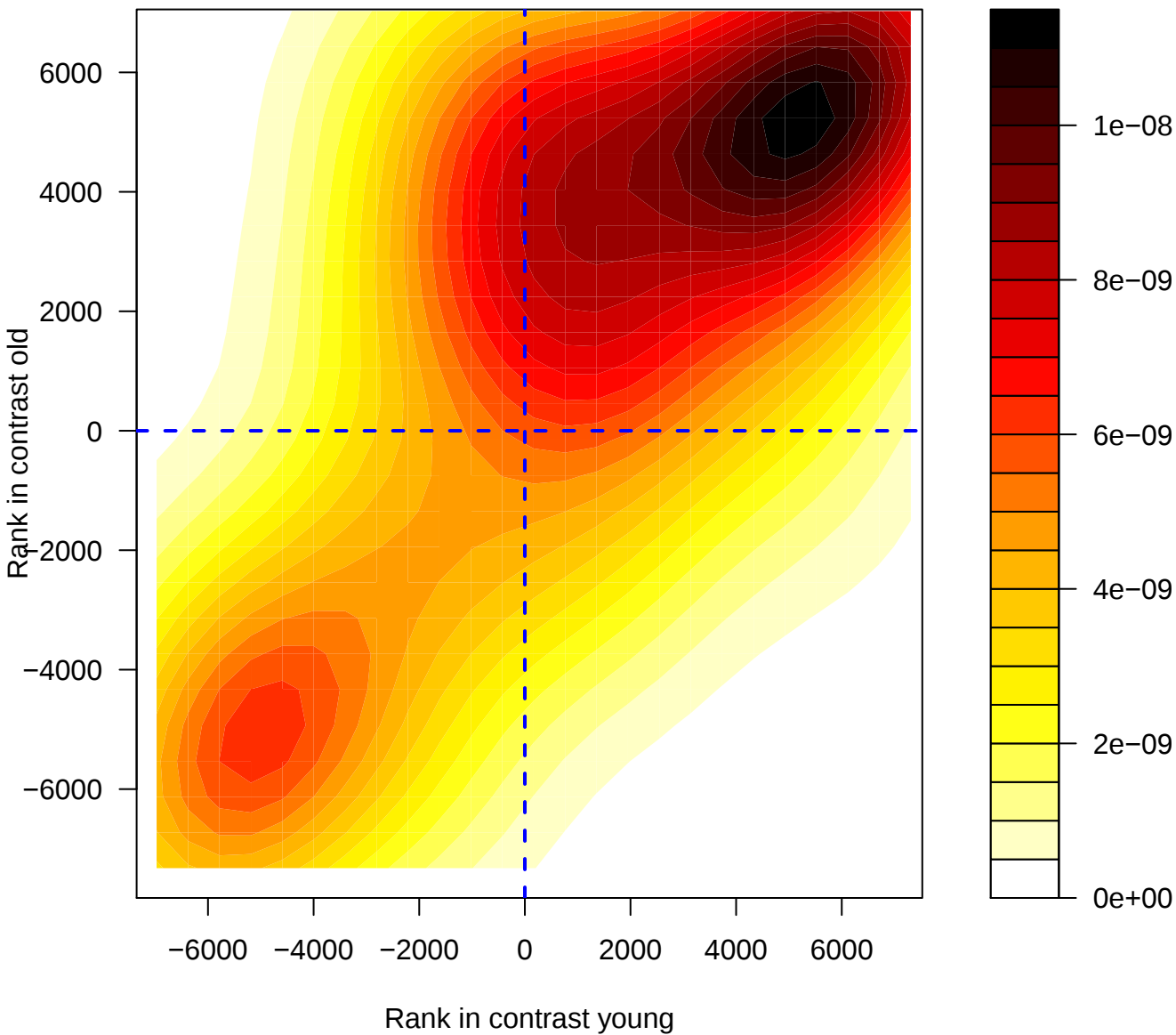
KLF4_None_NeuralProgenitorCell_76352



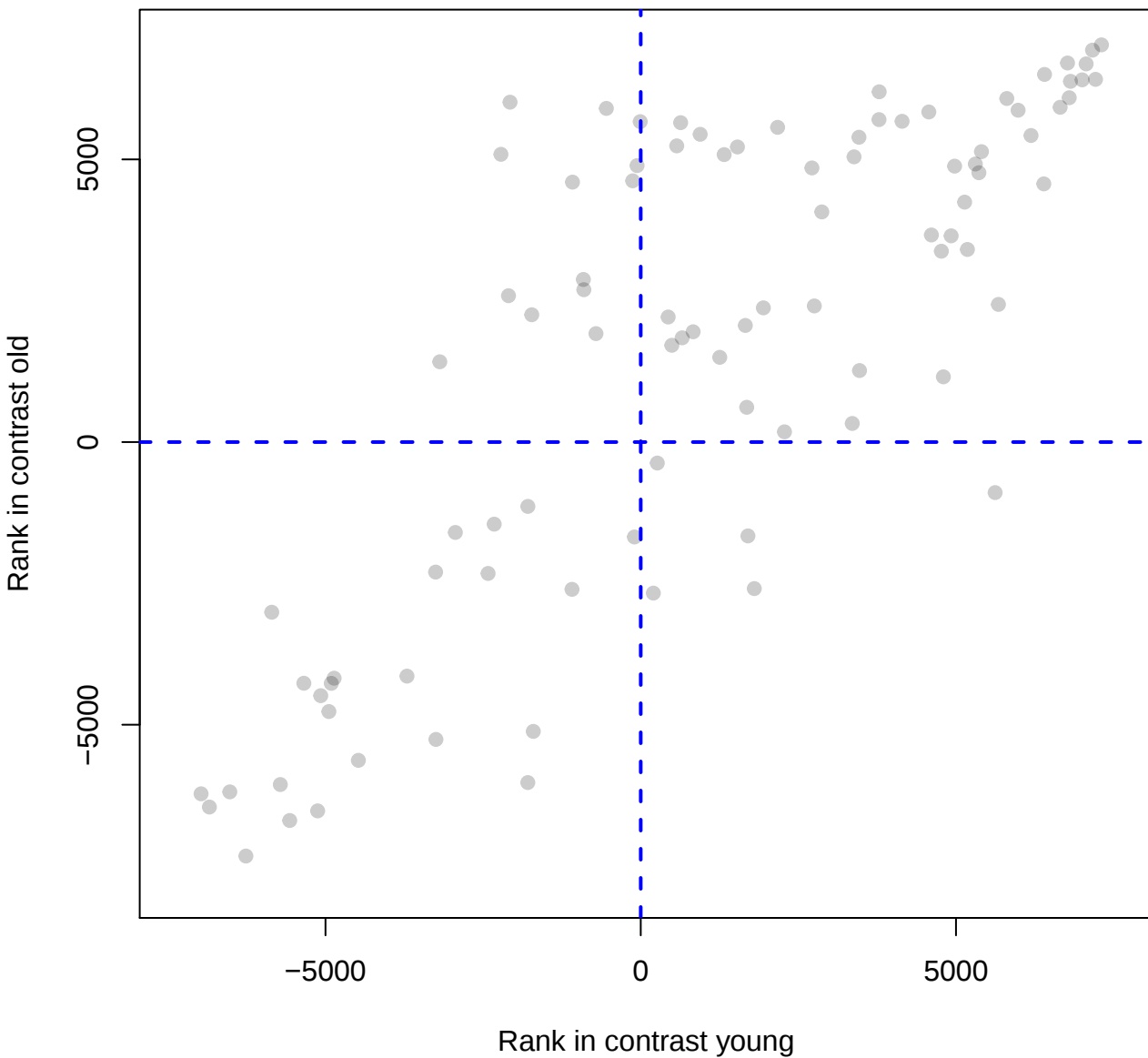
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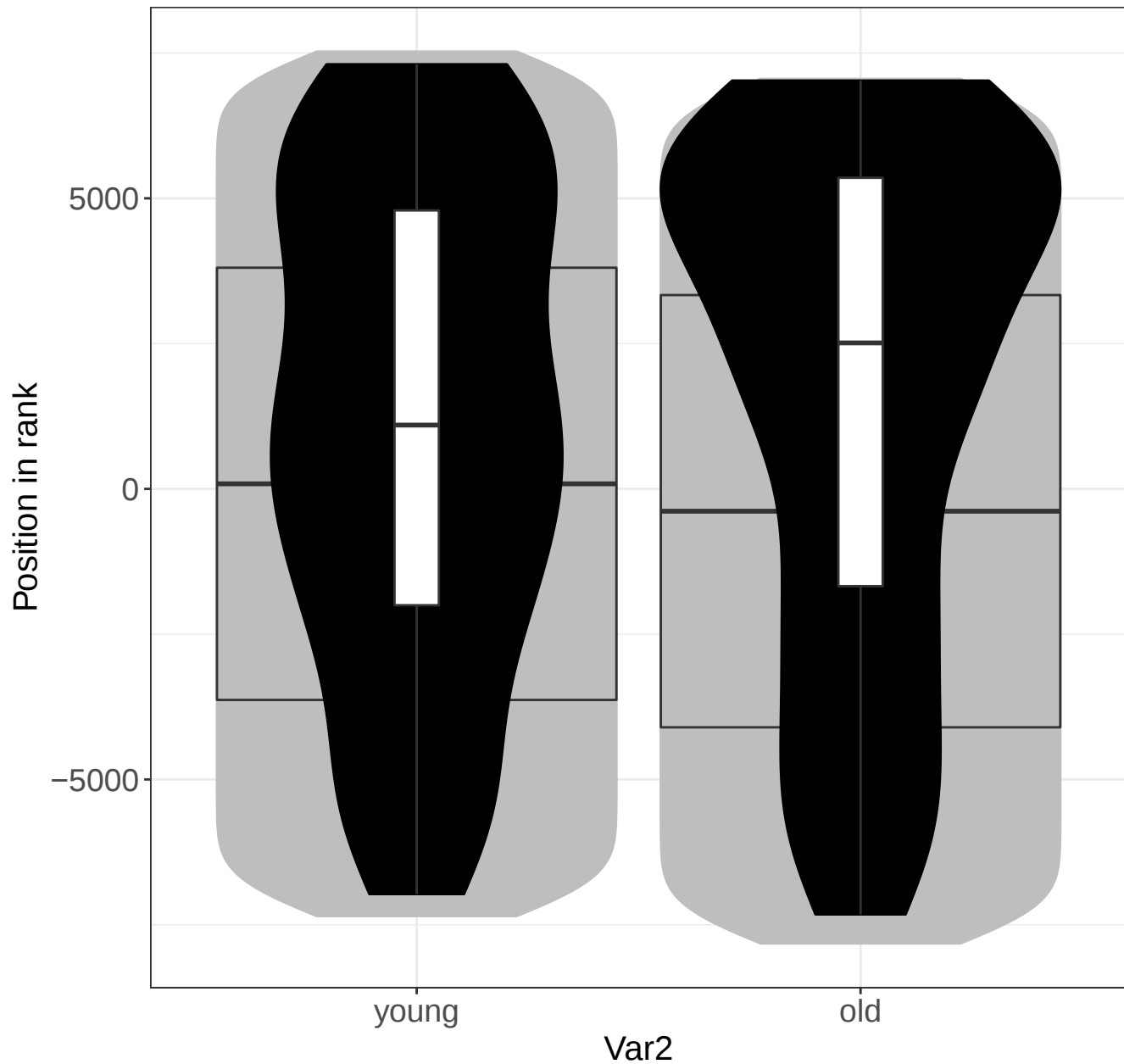
IRF3_None_Macrophage_67638



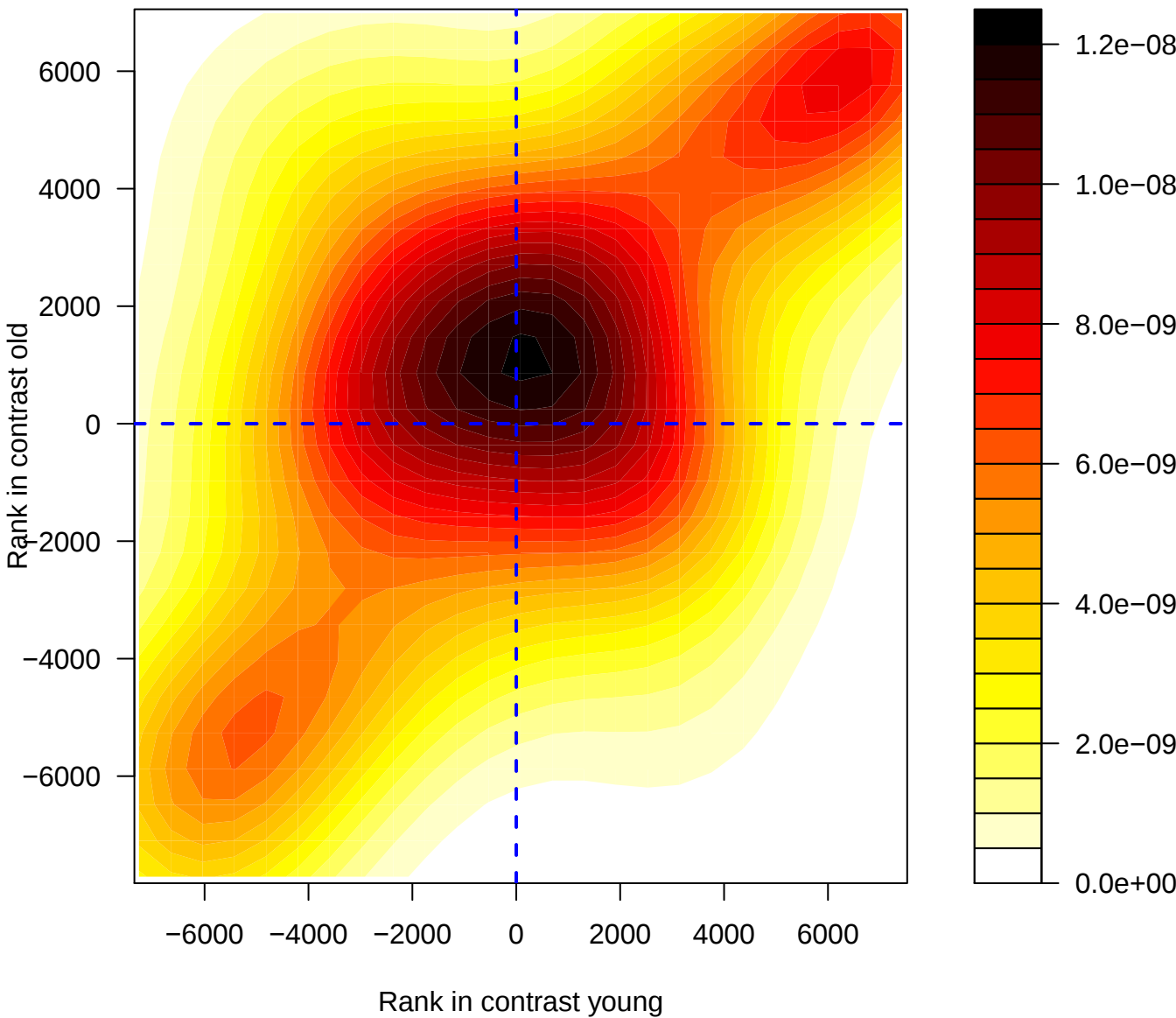
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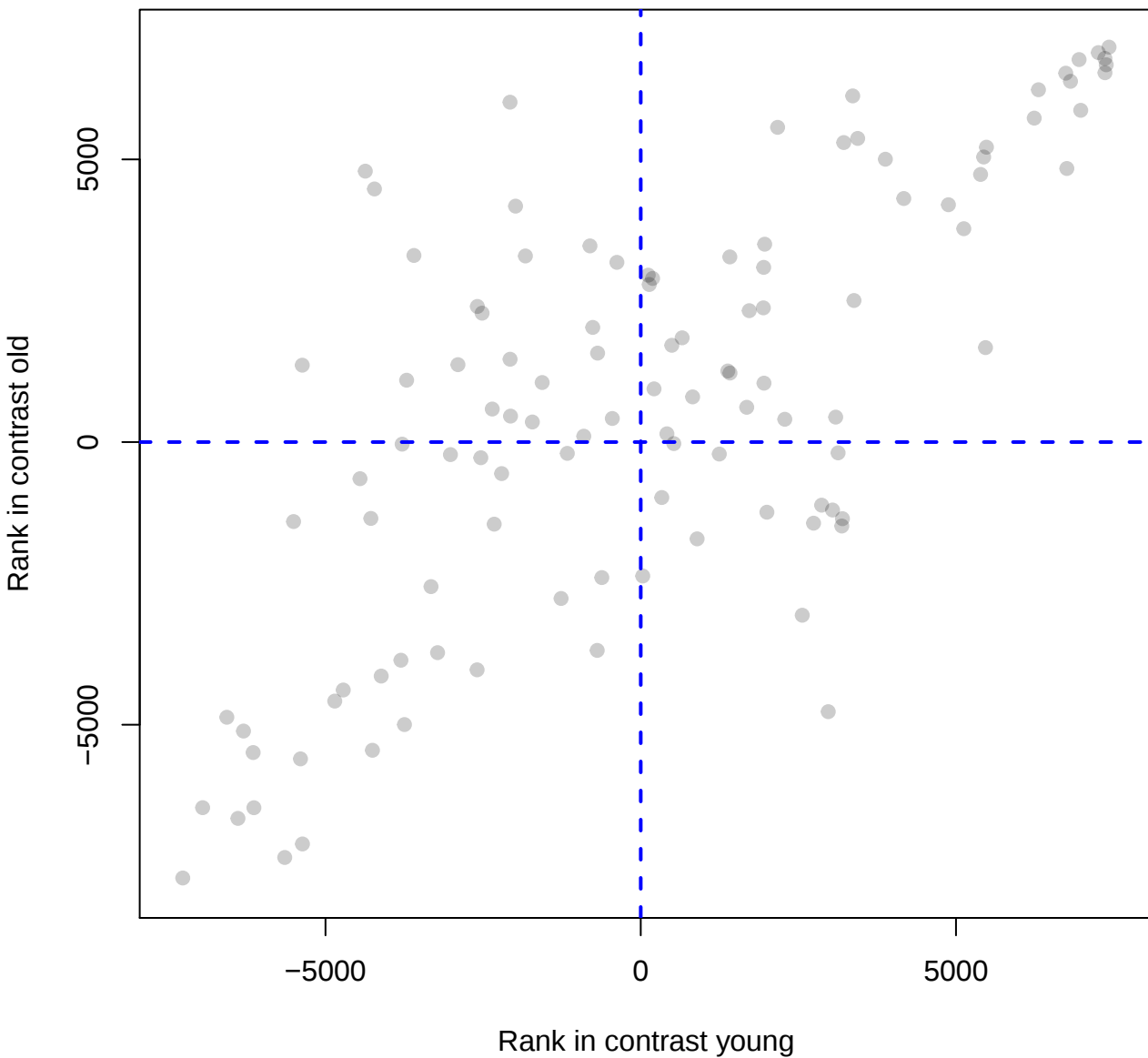
IRF3_None_Macrophage_67638



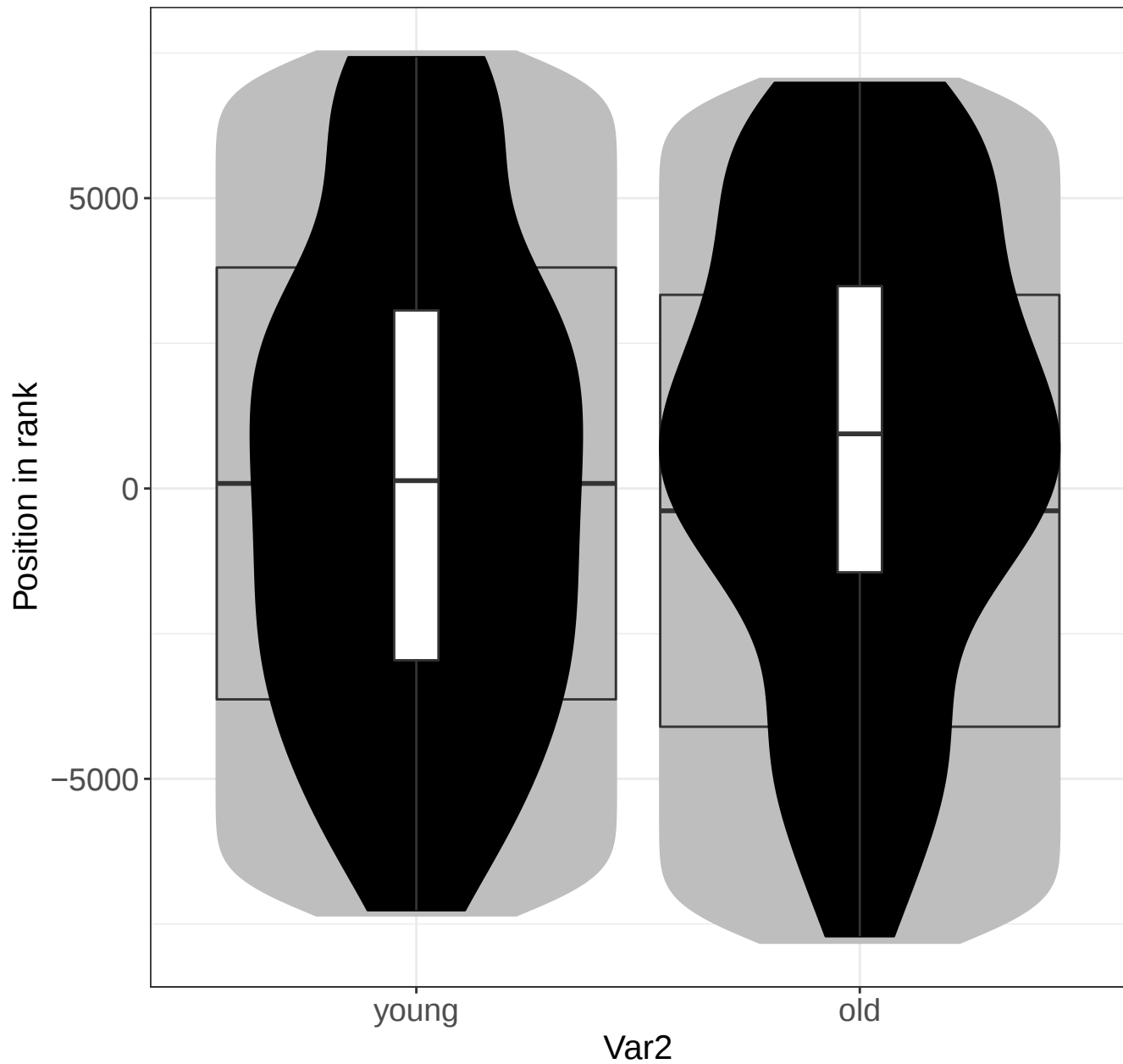
IRF8_None_BLymphocyte_55757



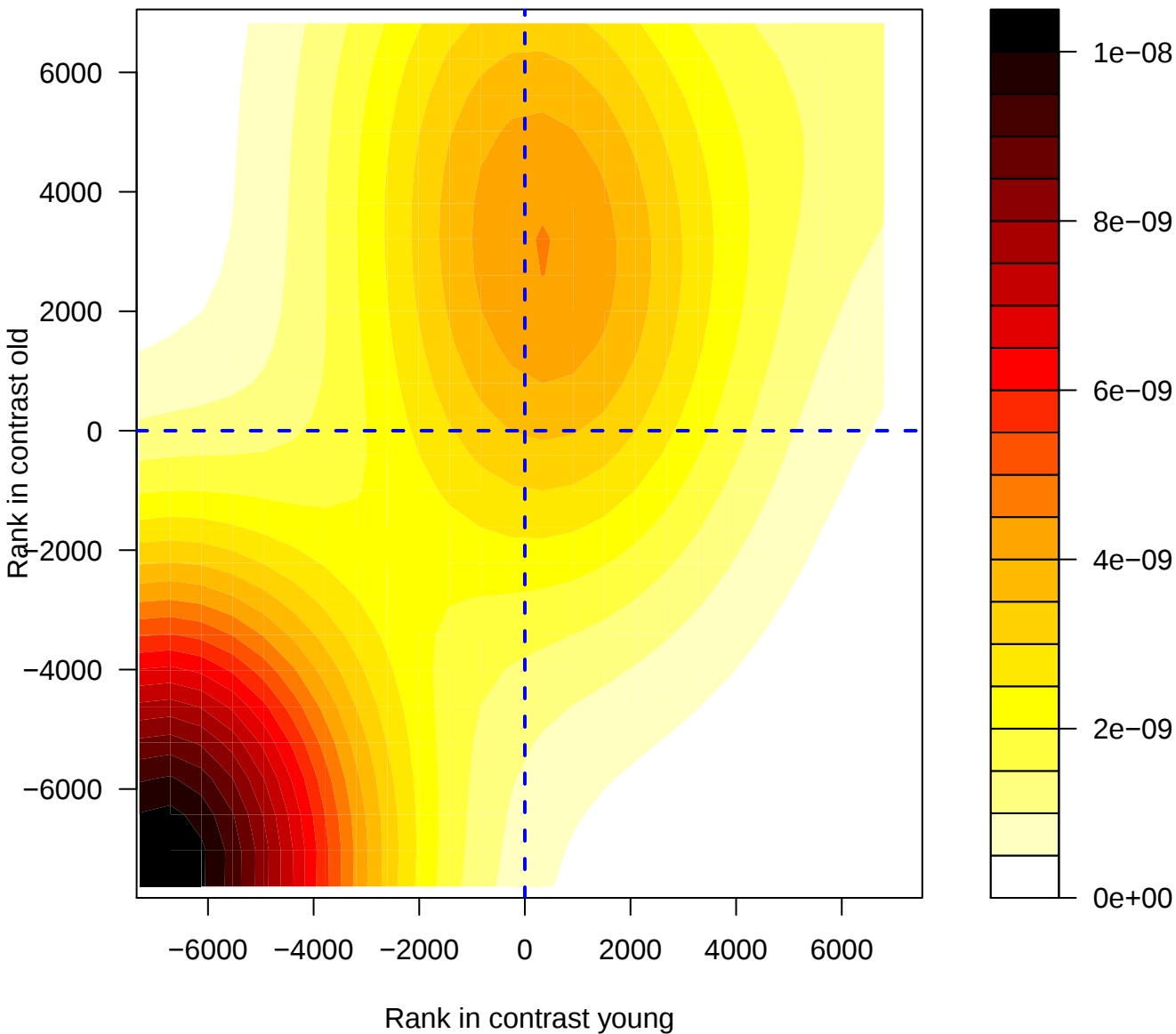
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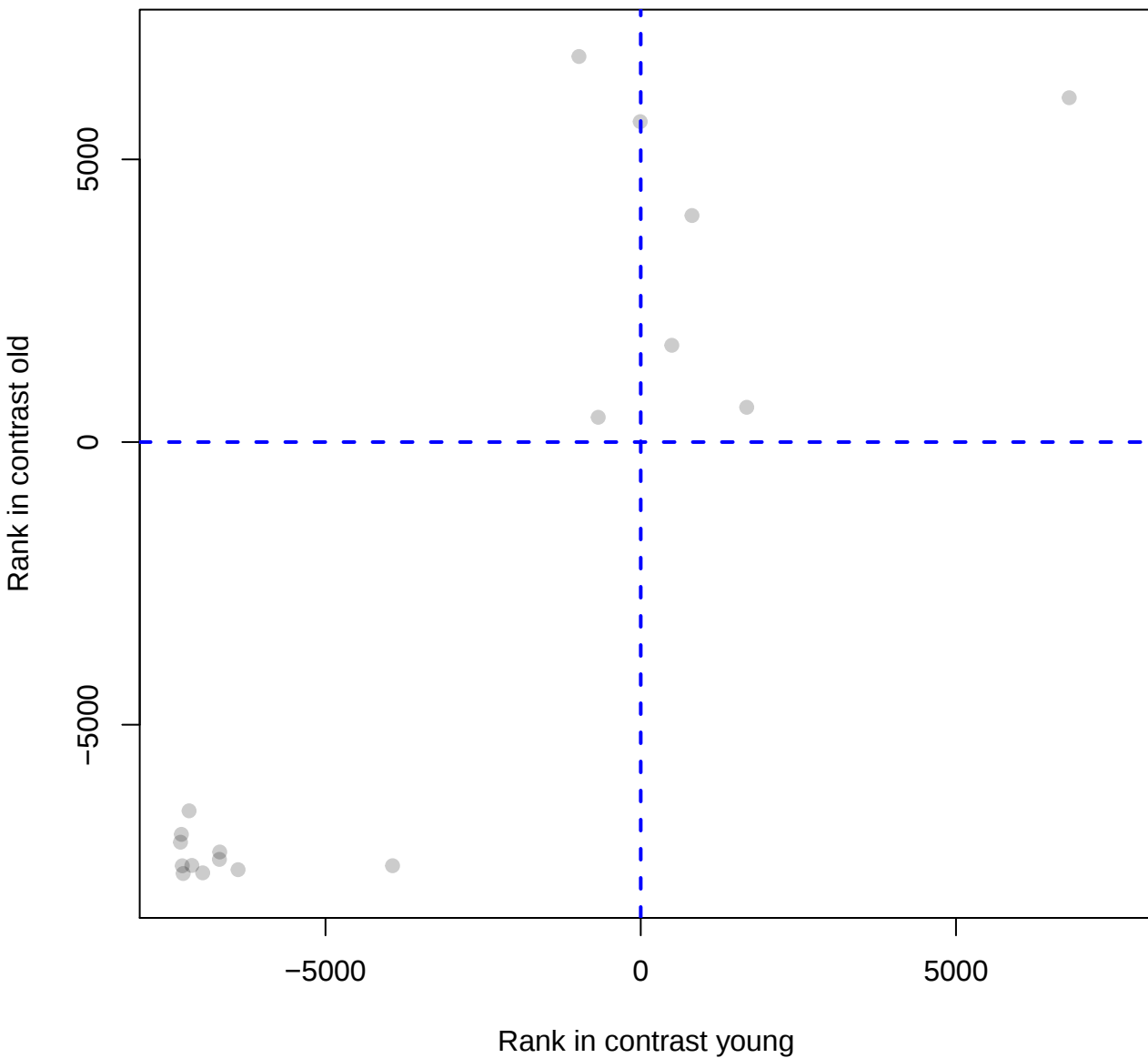
IRF8_None_BLymphocyte_55757



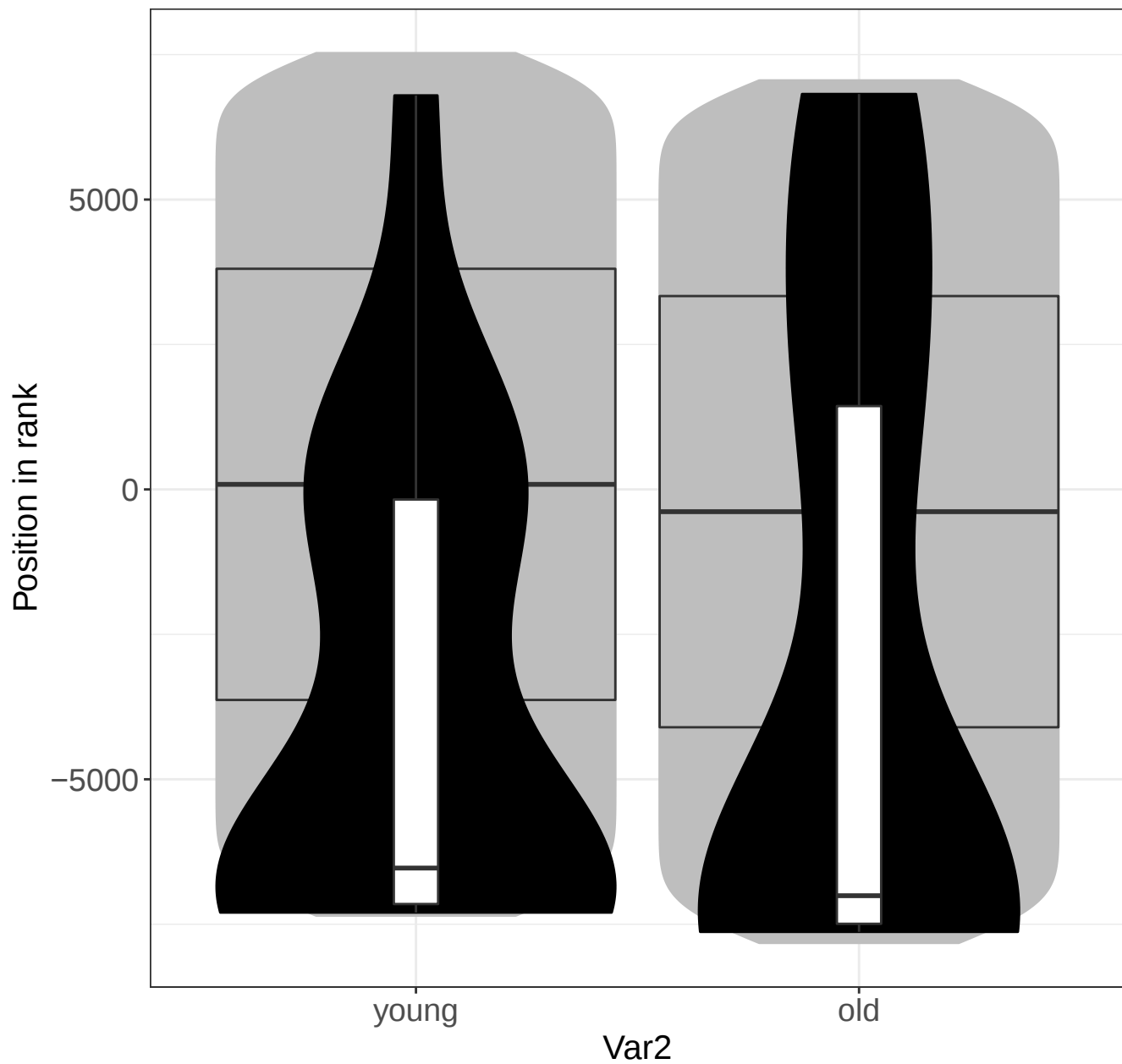
ETV2_None_EmbryonicStemCell_52256



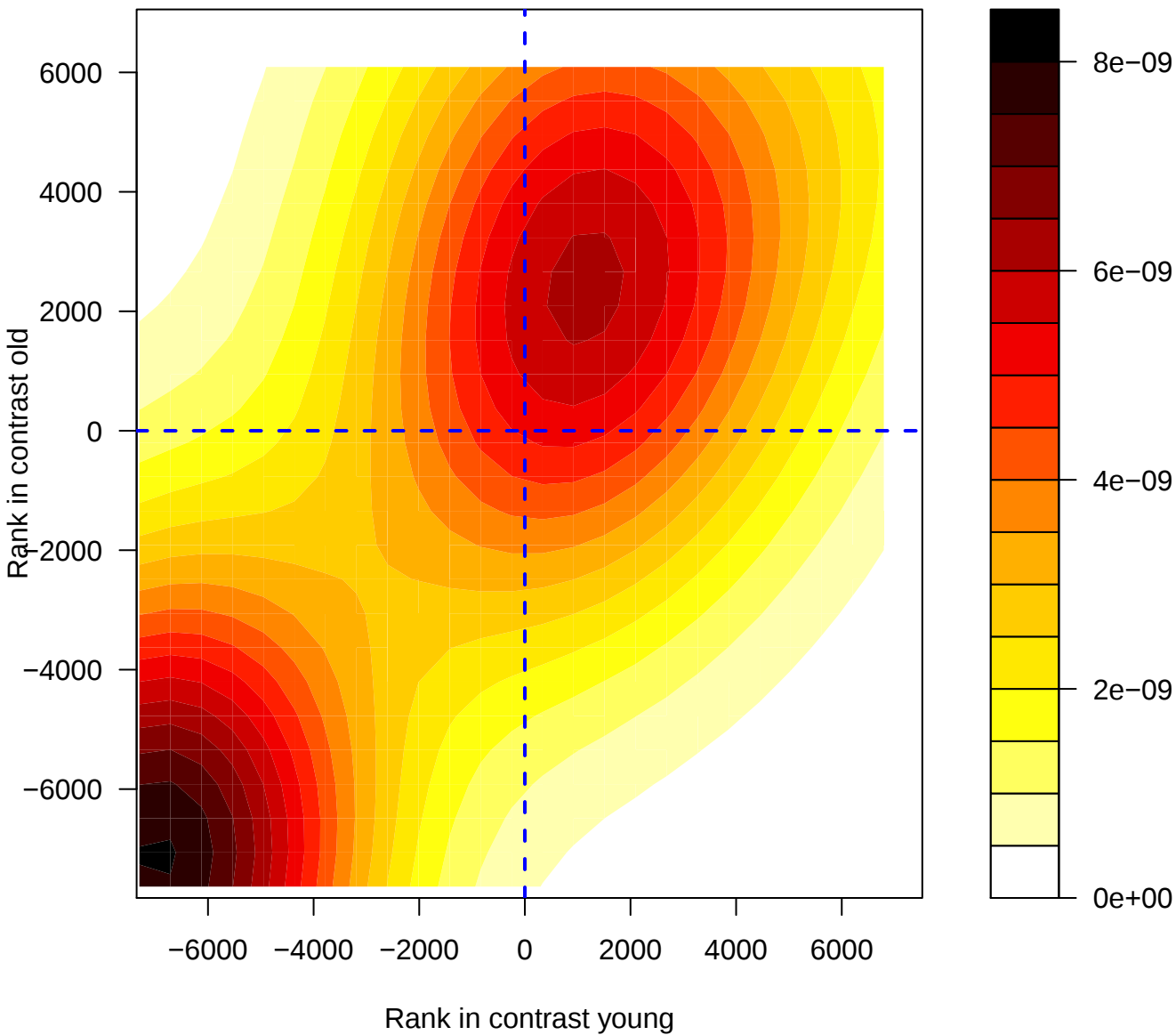
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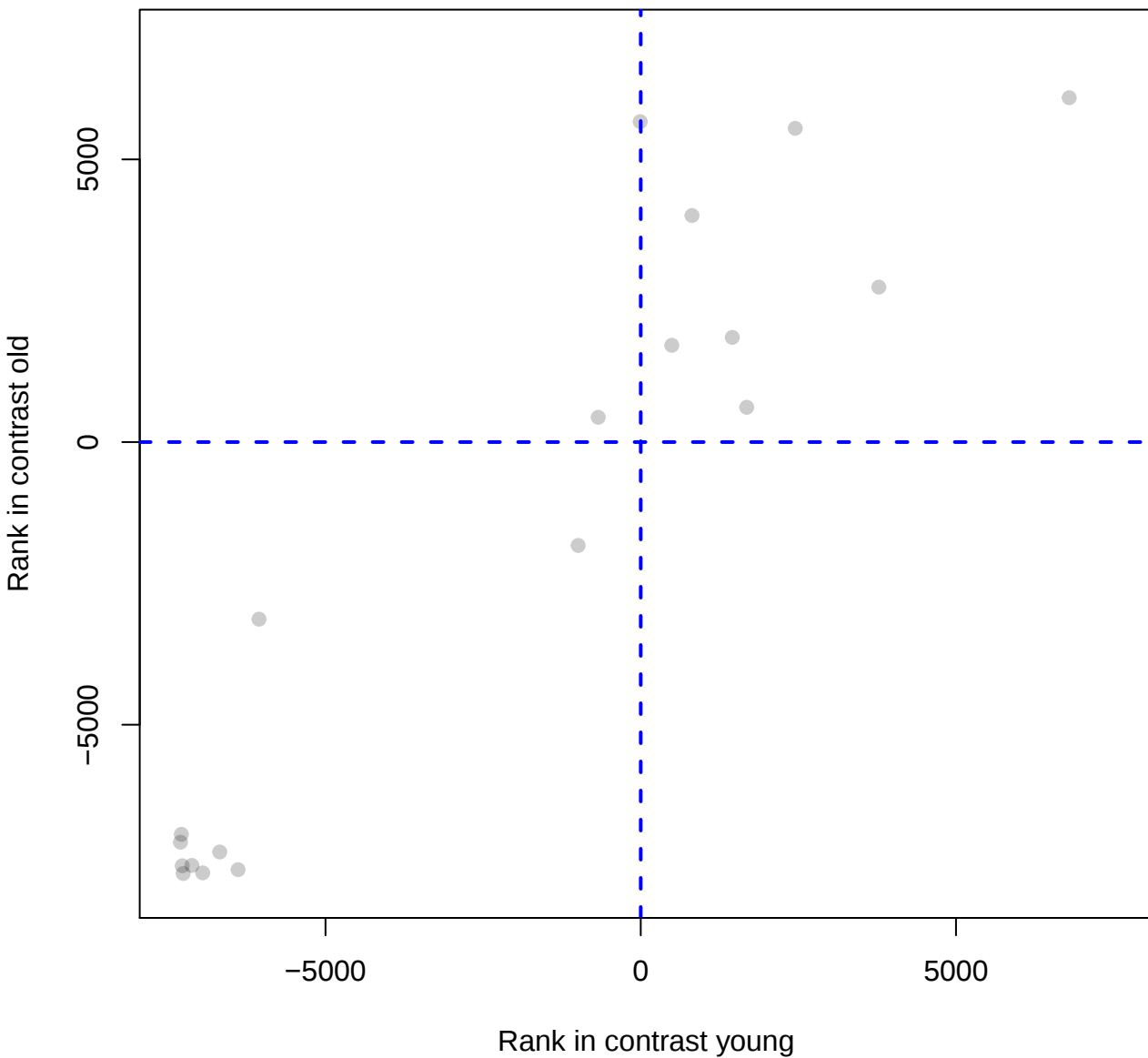
ETV2_None_EmbryonicStemCell_52256



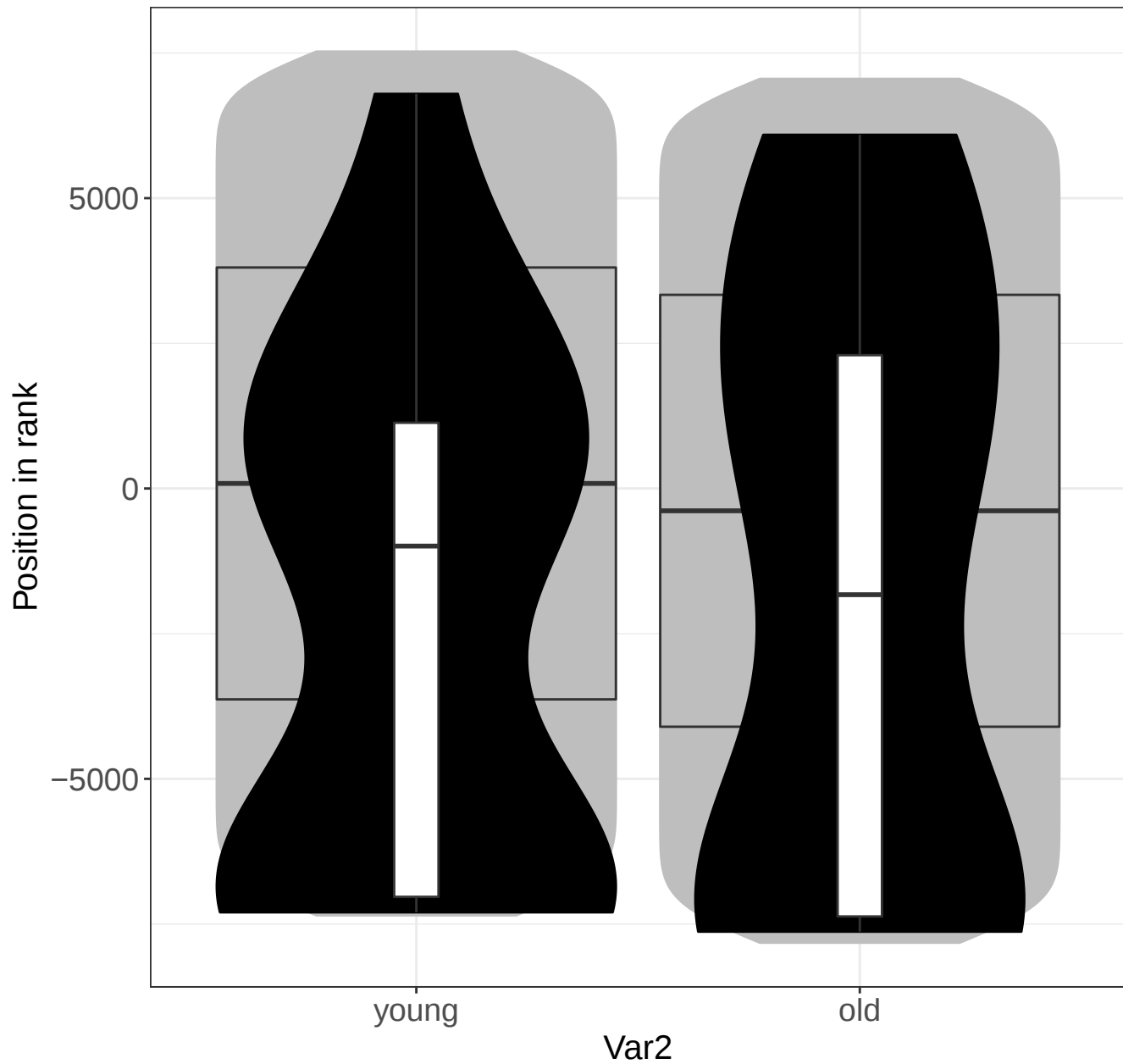
DNMT3L_E14_EmbryonicStemCell_41874



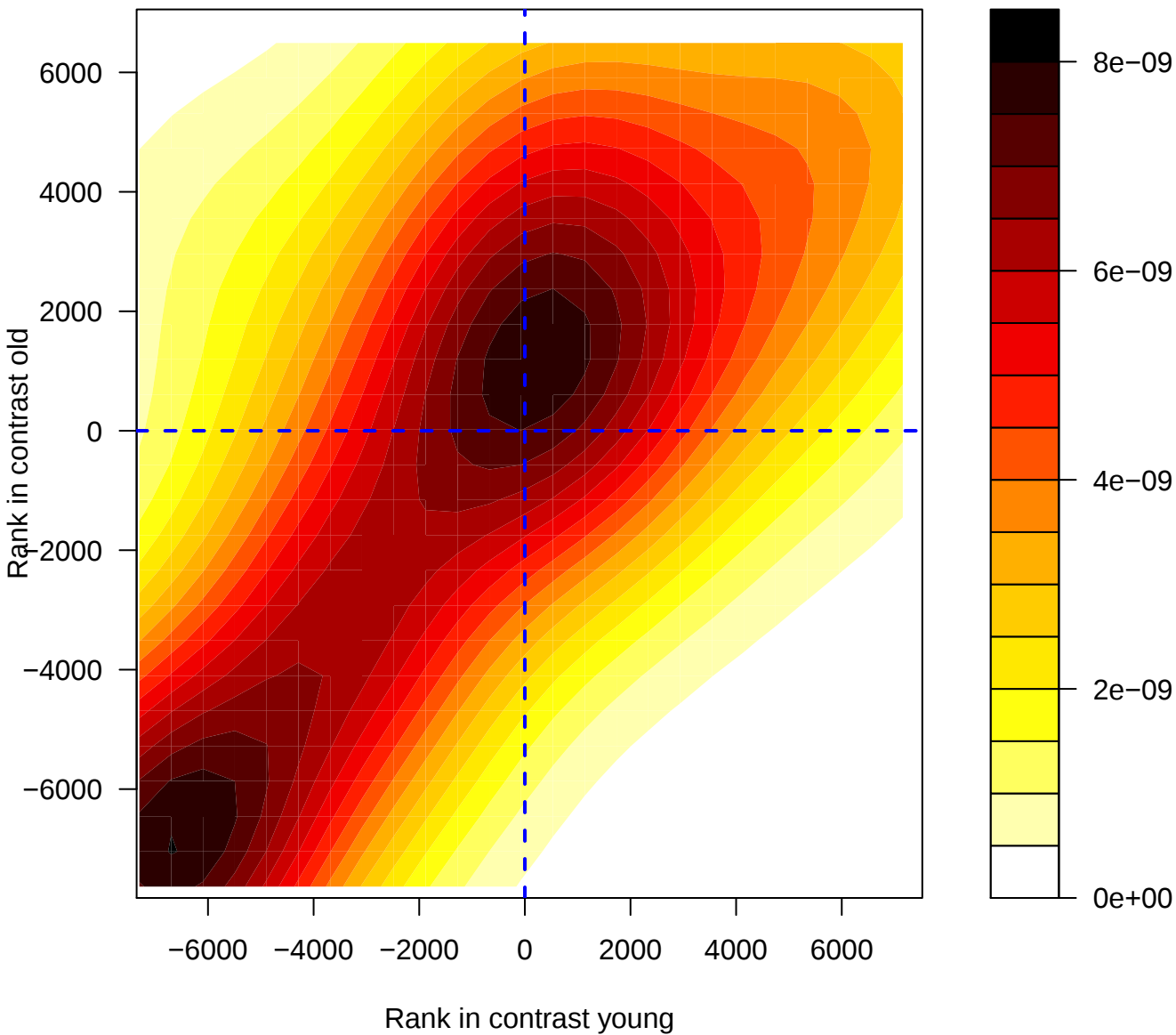
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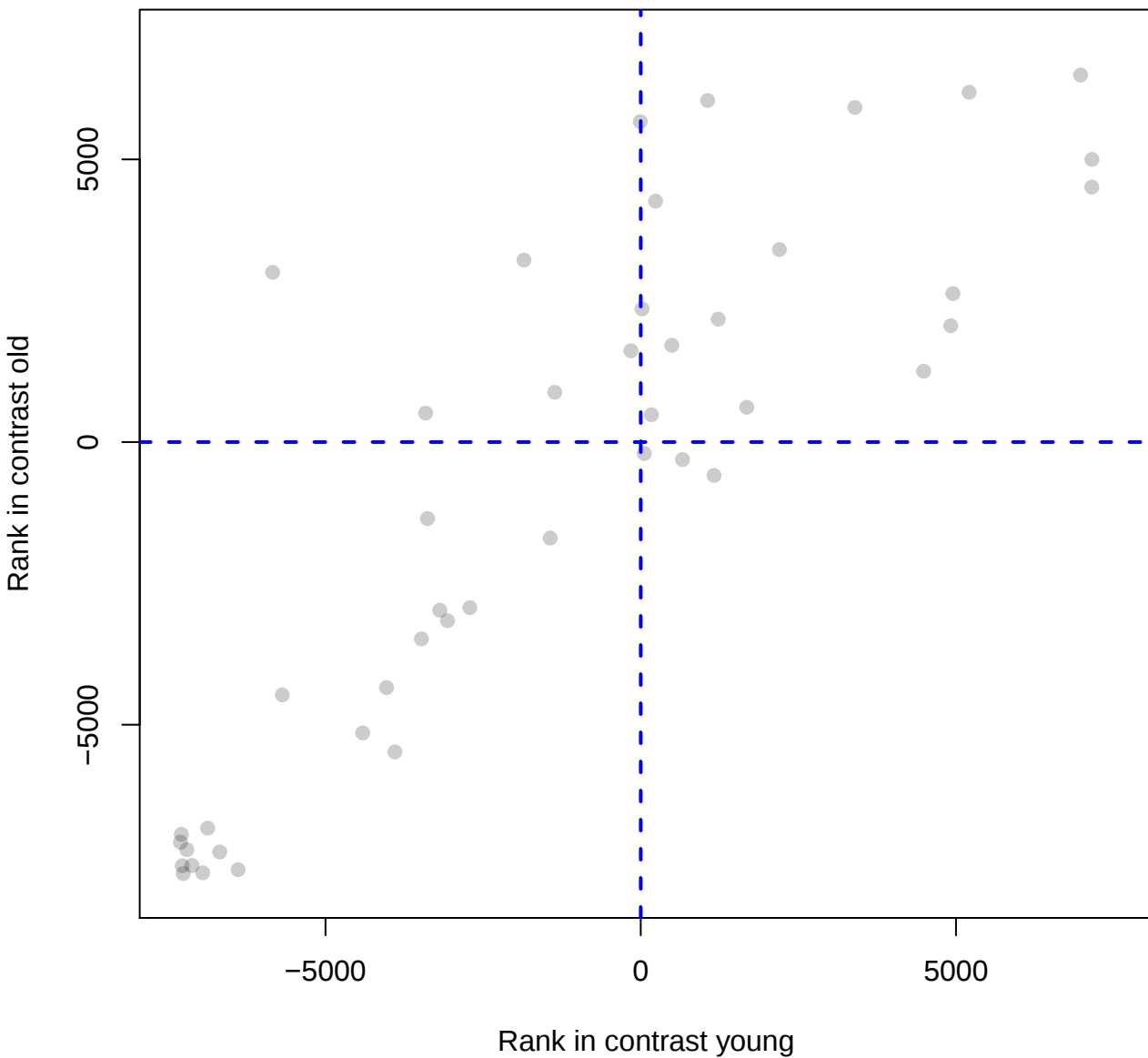
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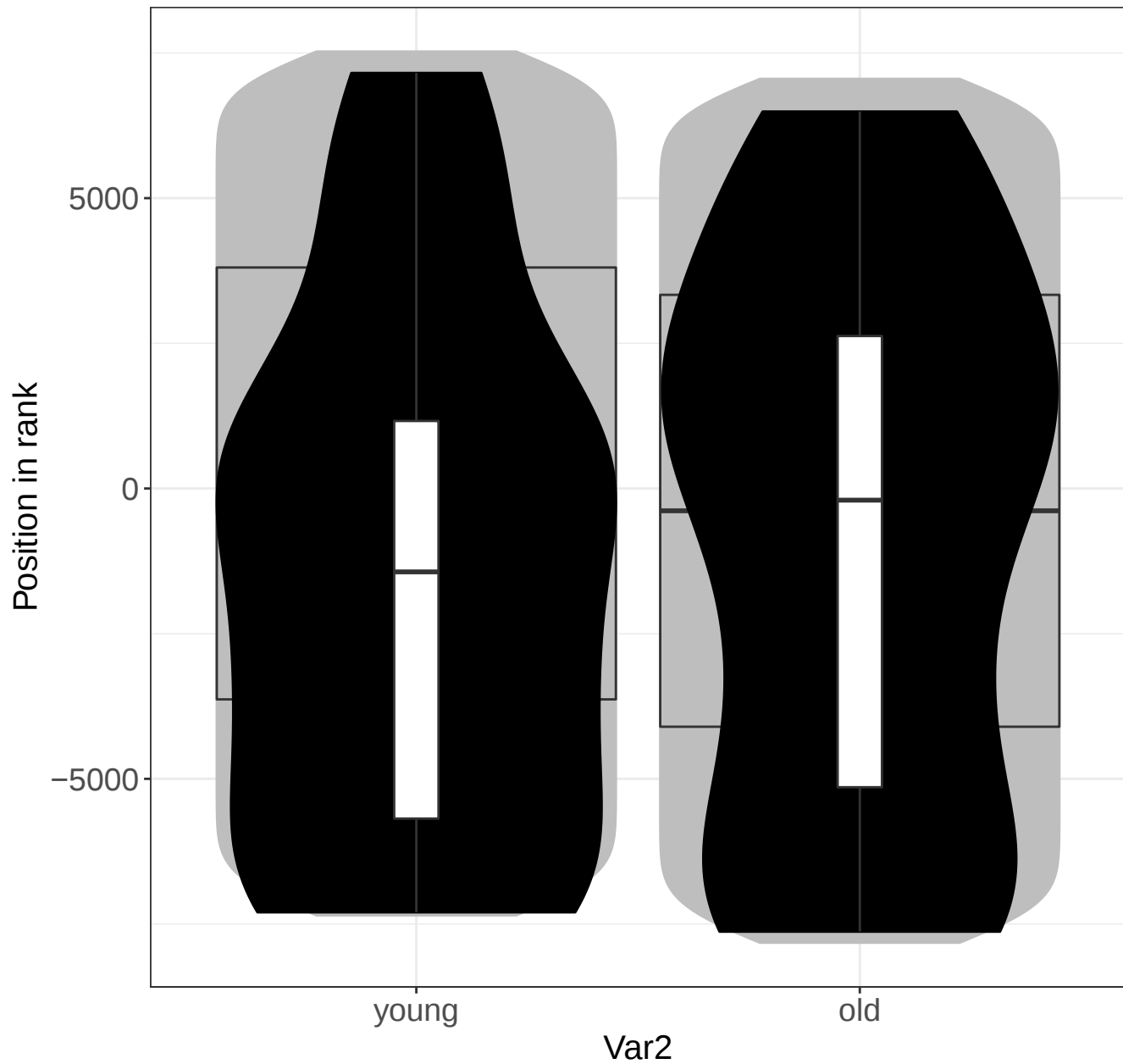
POLR2A_NIH-3T3_Fibroblast_44180



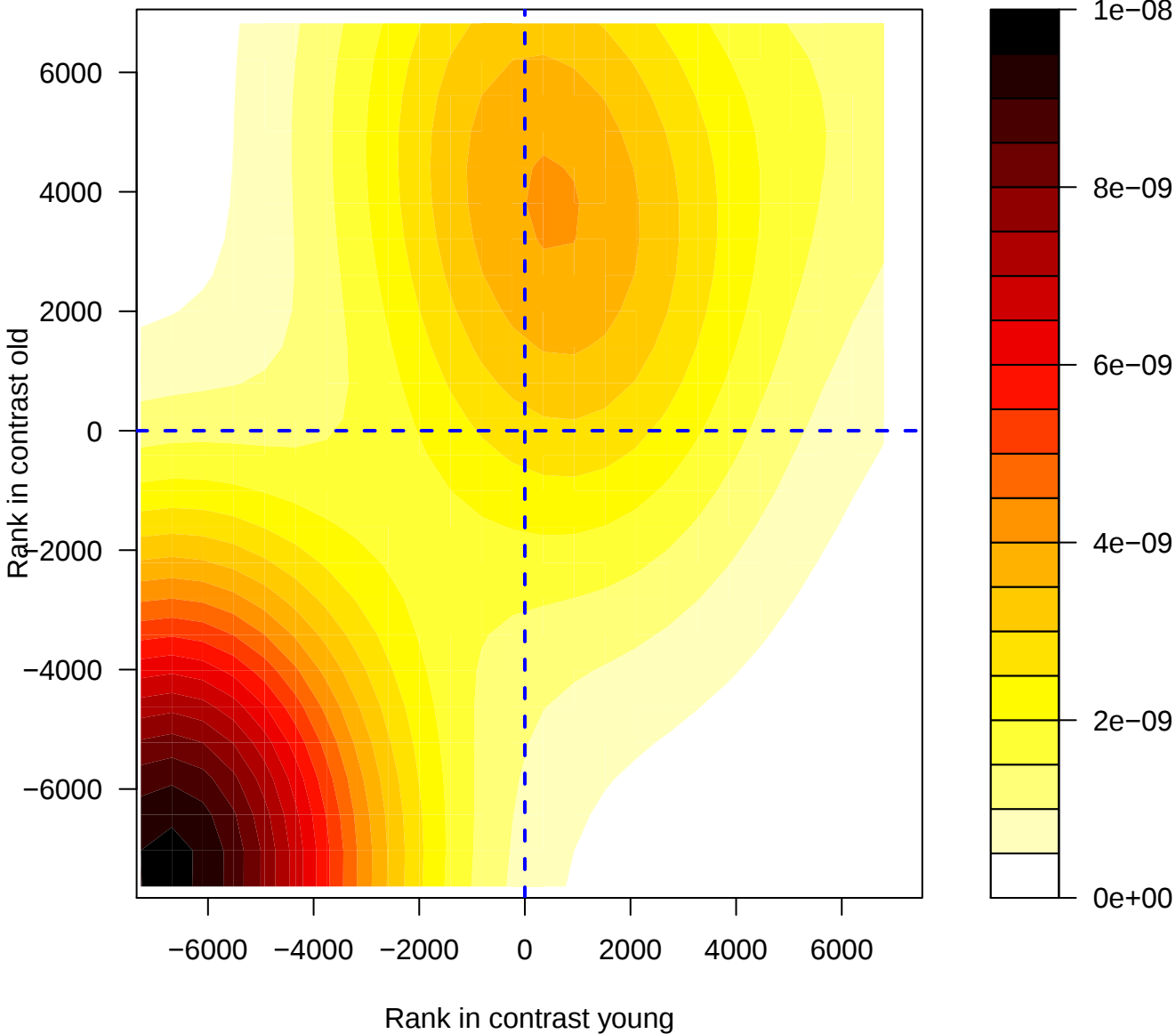
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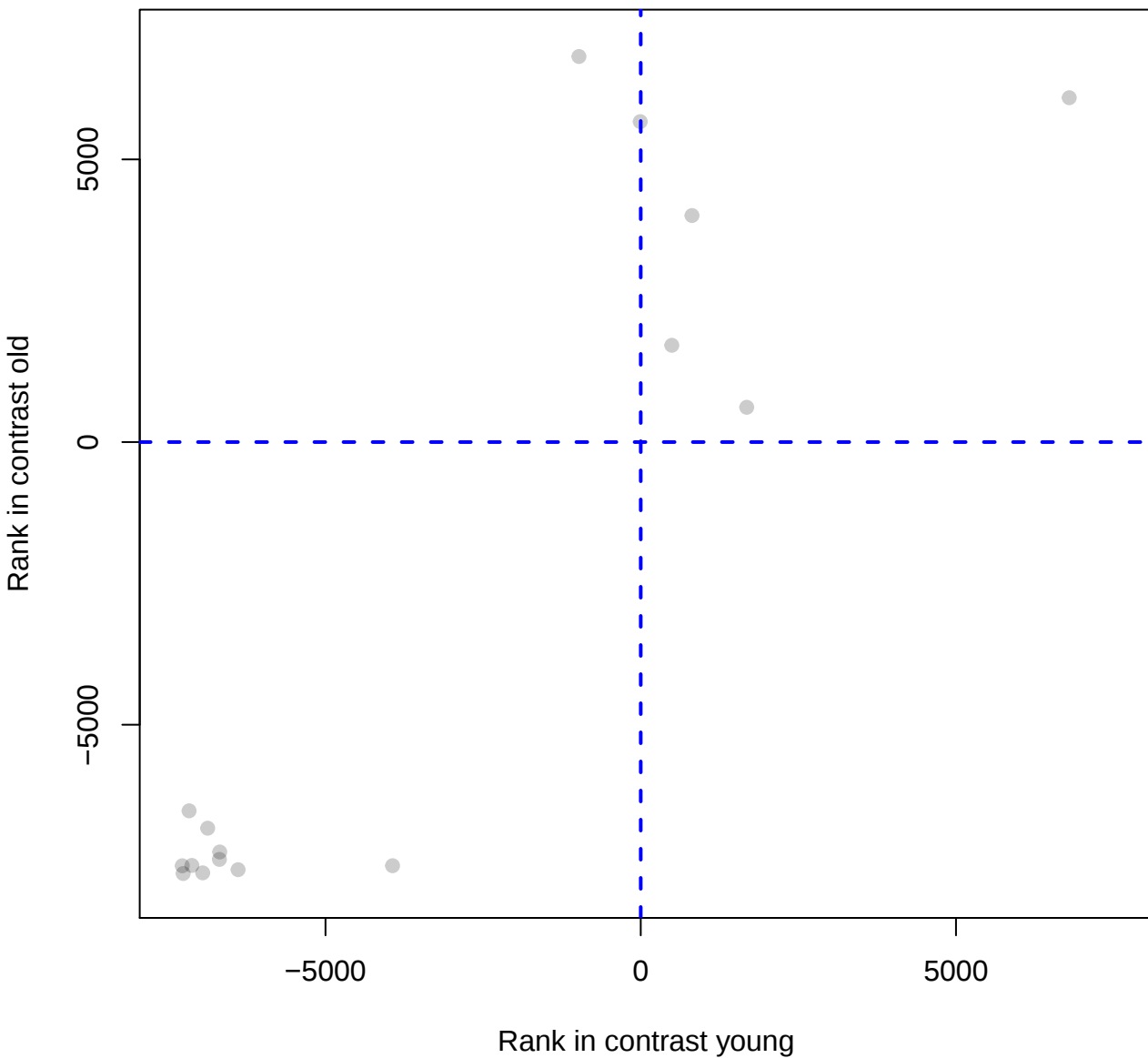
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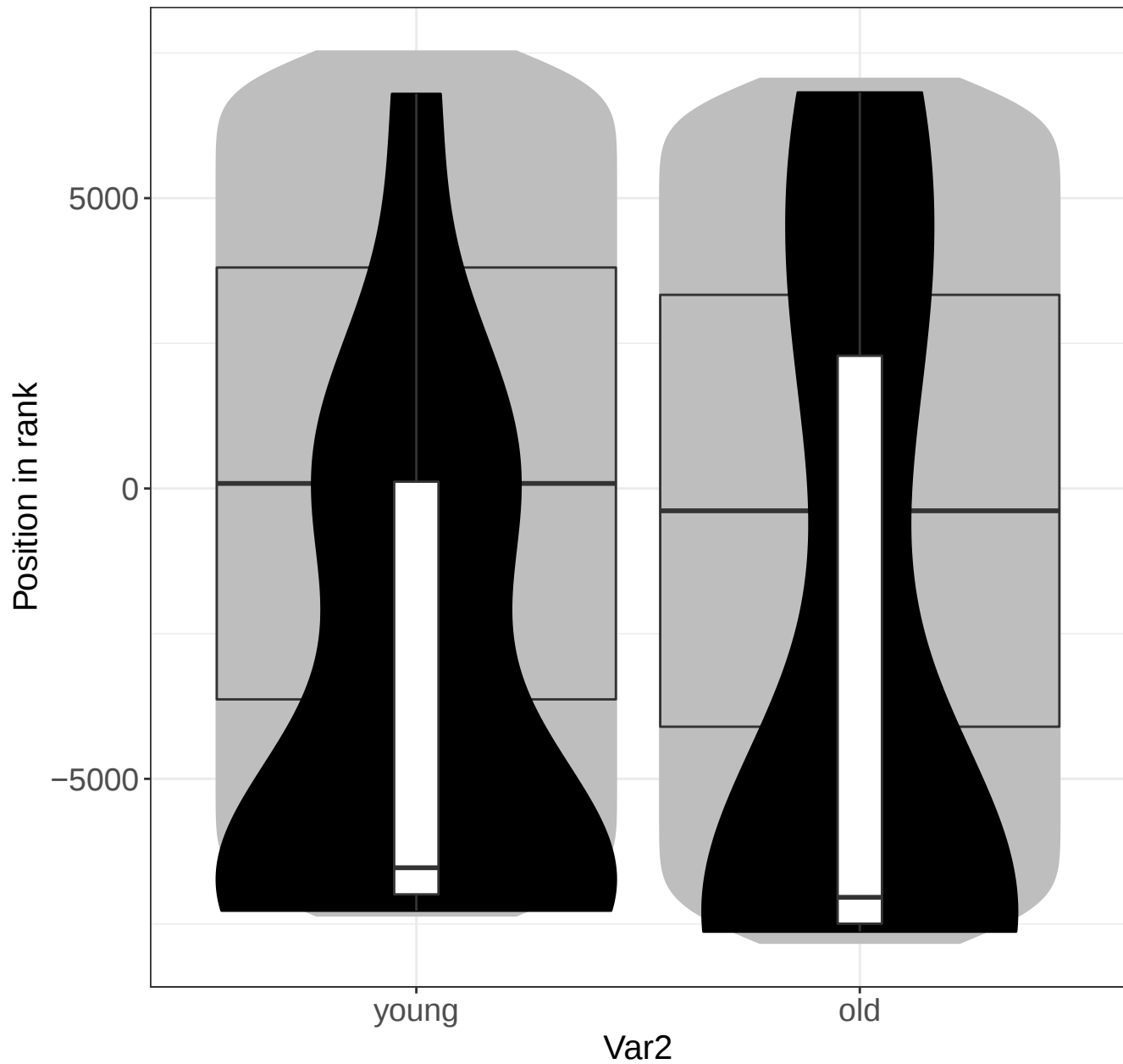
H3S28ph_None_Macrophage_71815



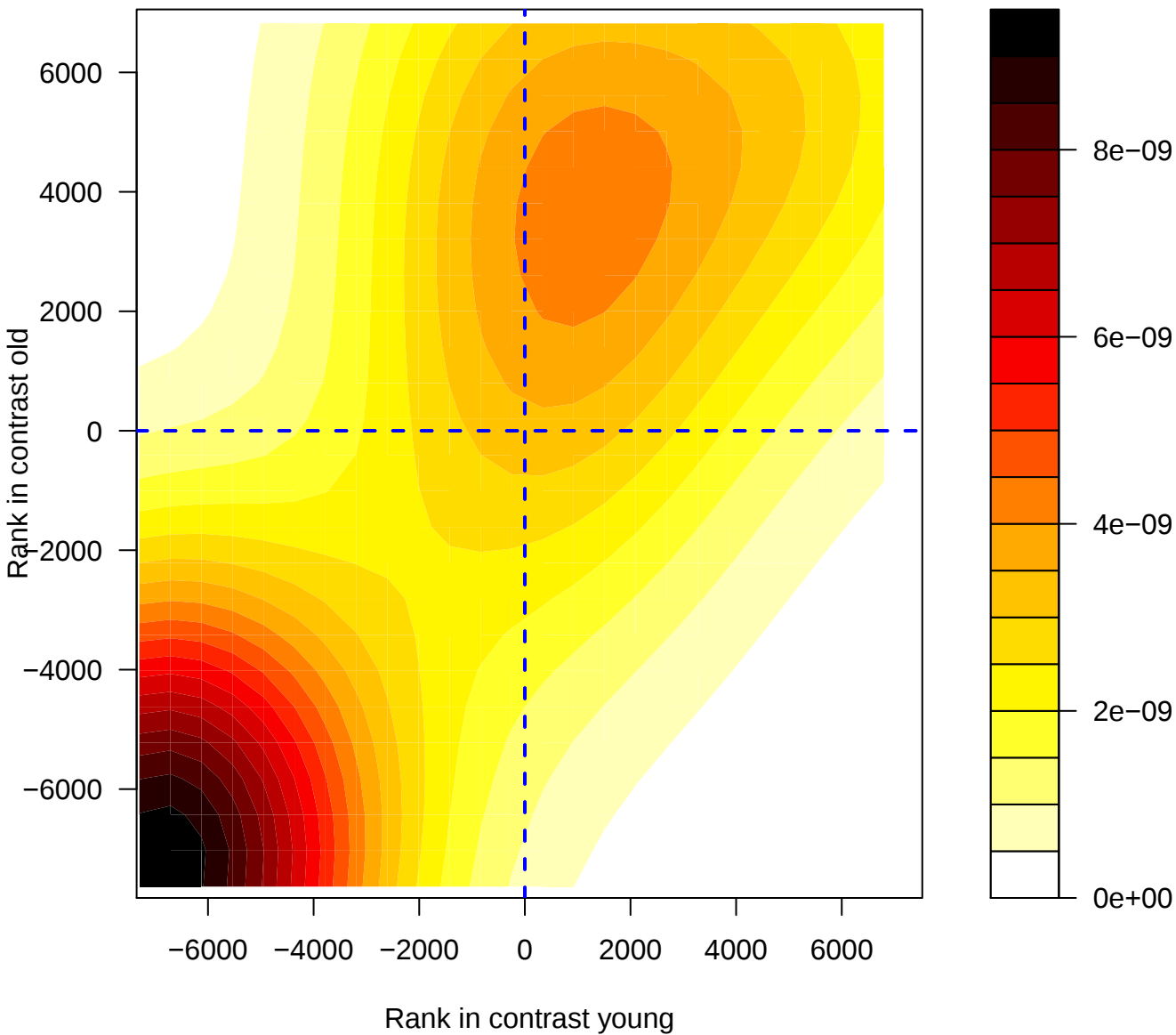
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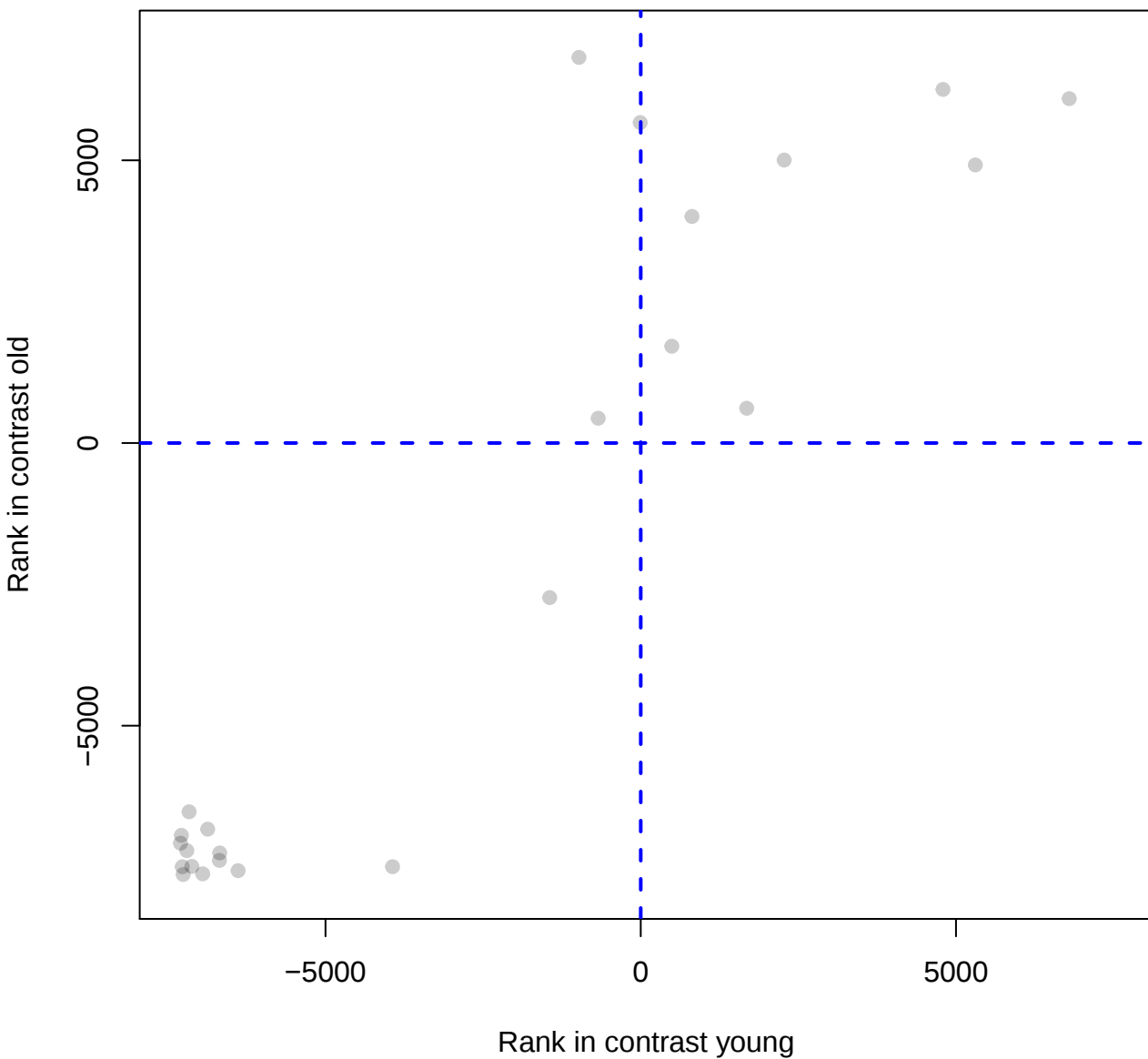
H3S28ph_None_Macrophage_71815



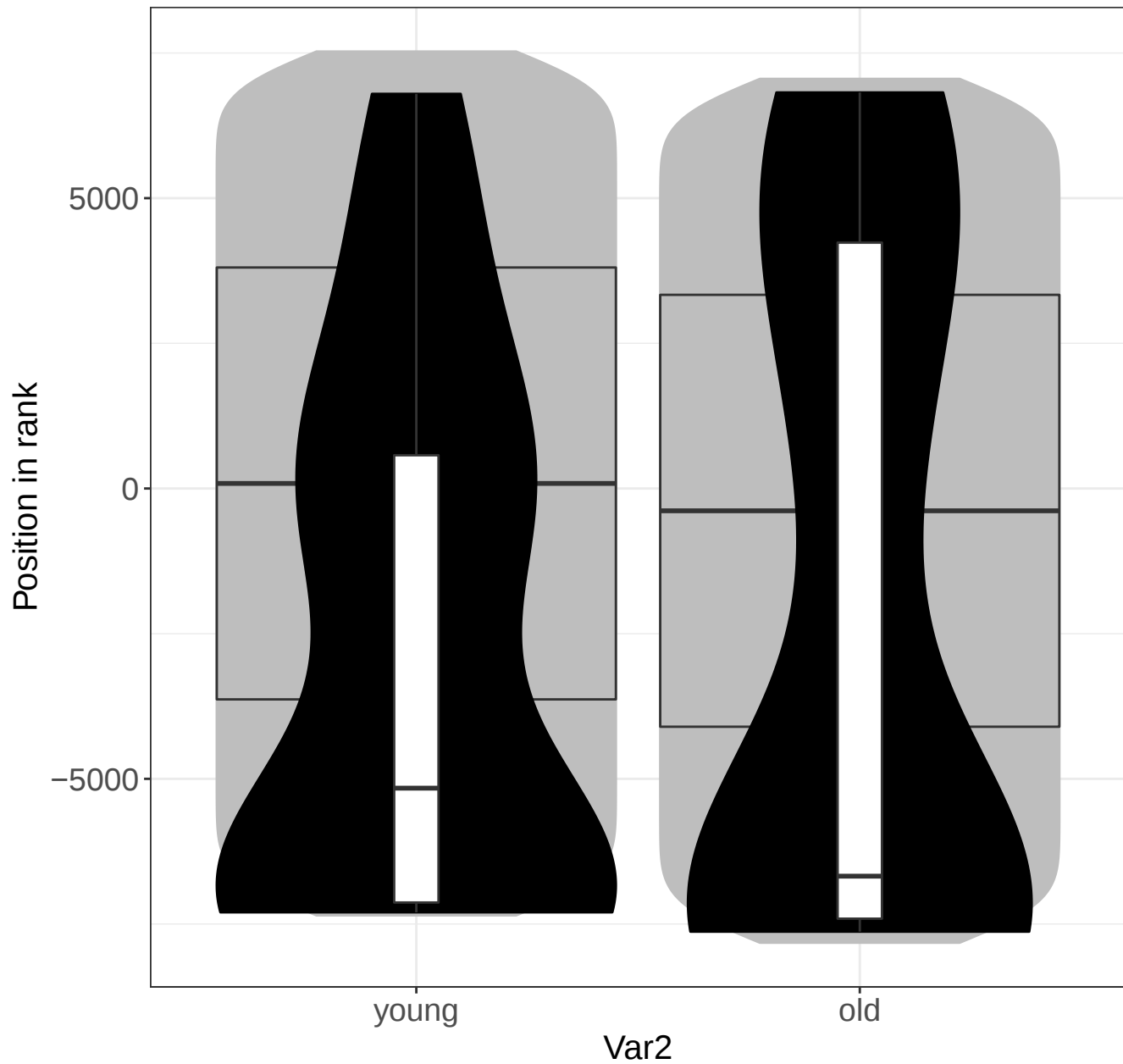
PAF1_KH2_EmbryonicStemCell_70880



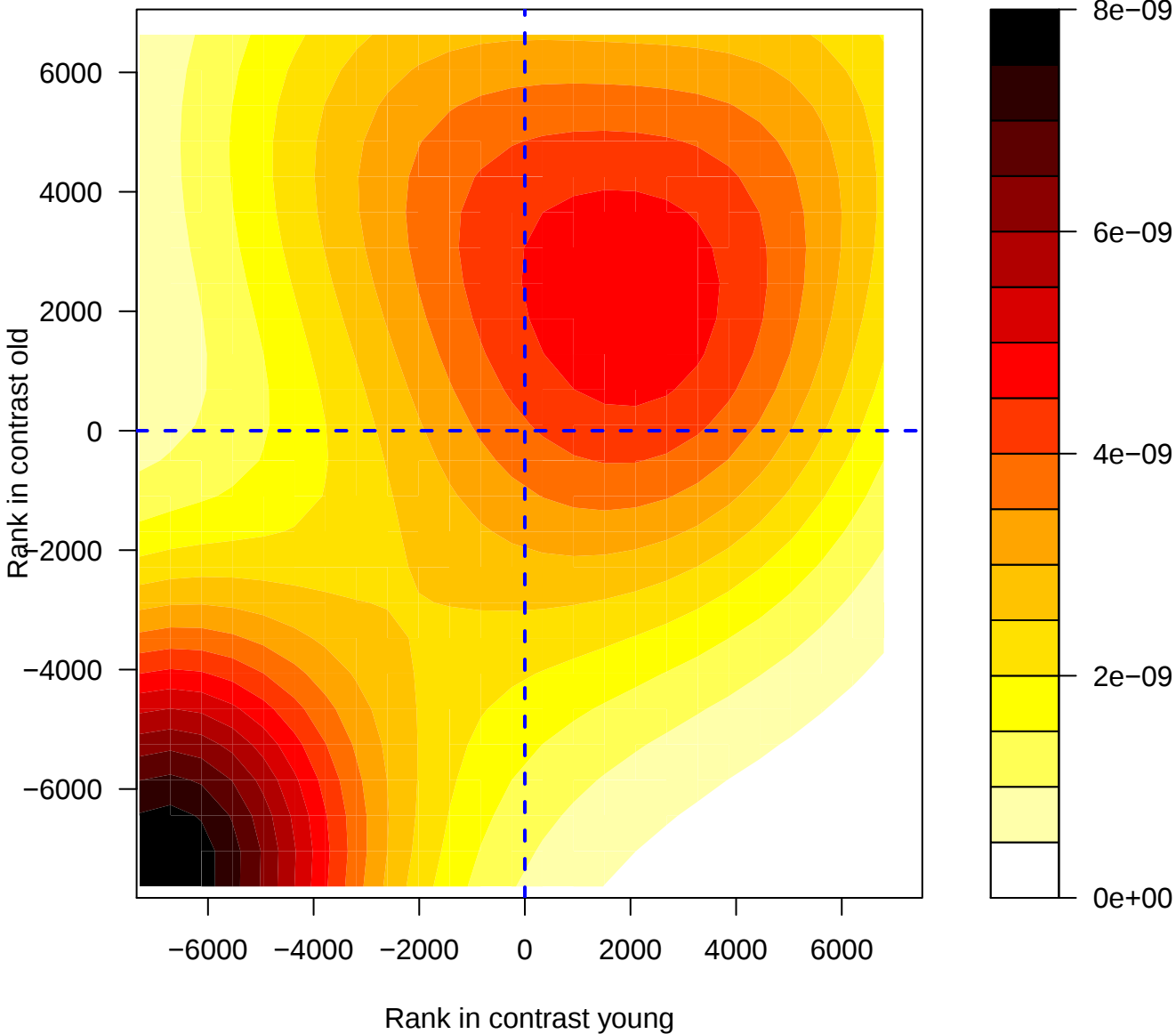
PAF1_KH2_EmbryonicStemCell_70880



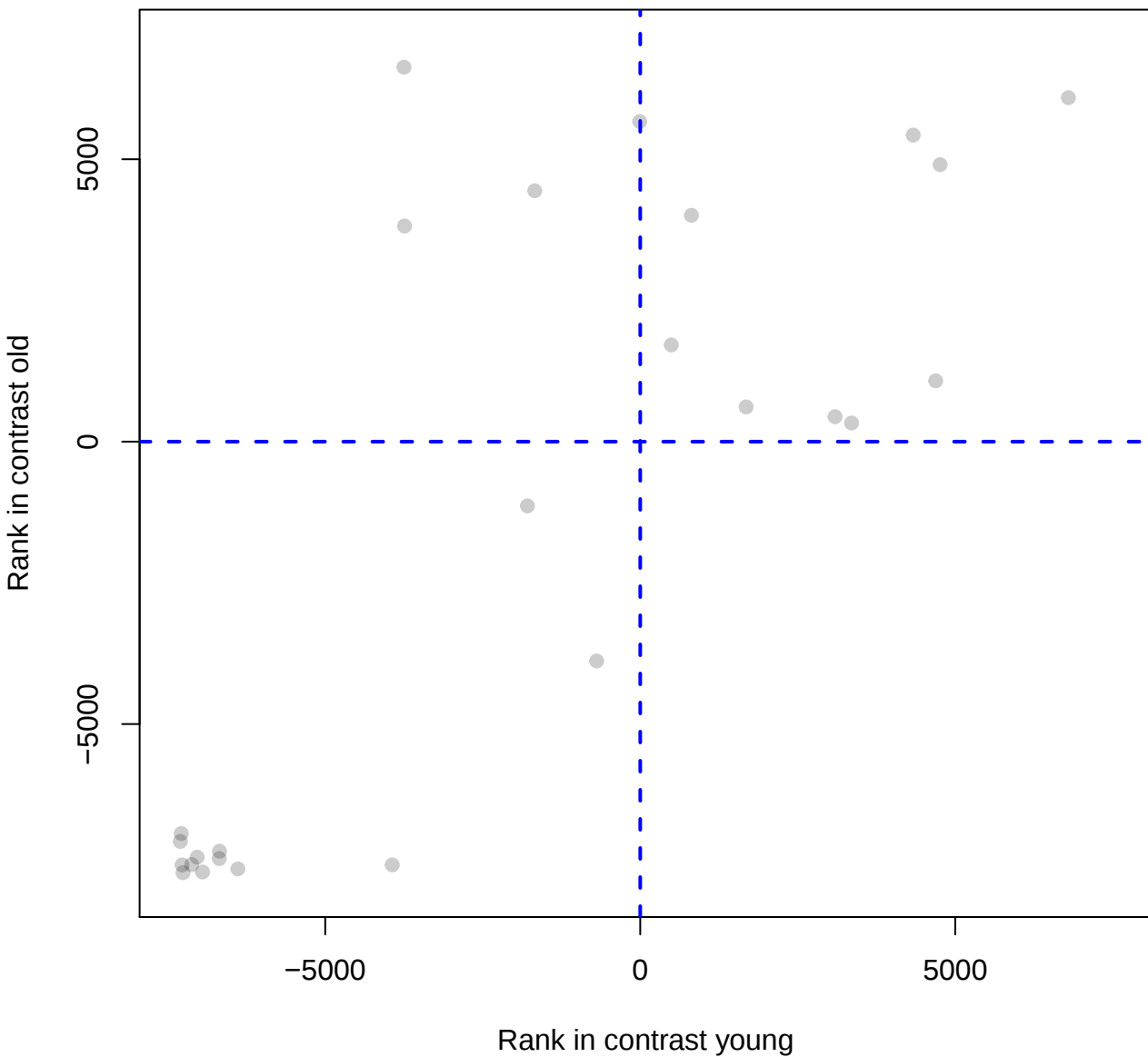
PAF1_KH2_EmbryonicStemCell_70880



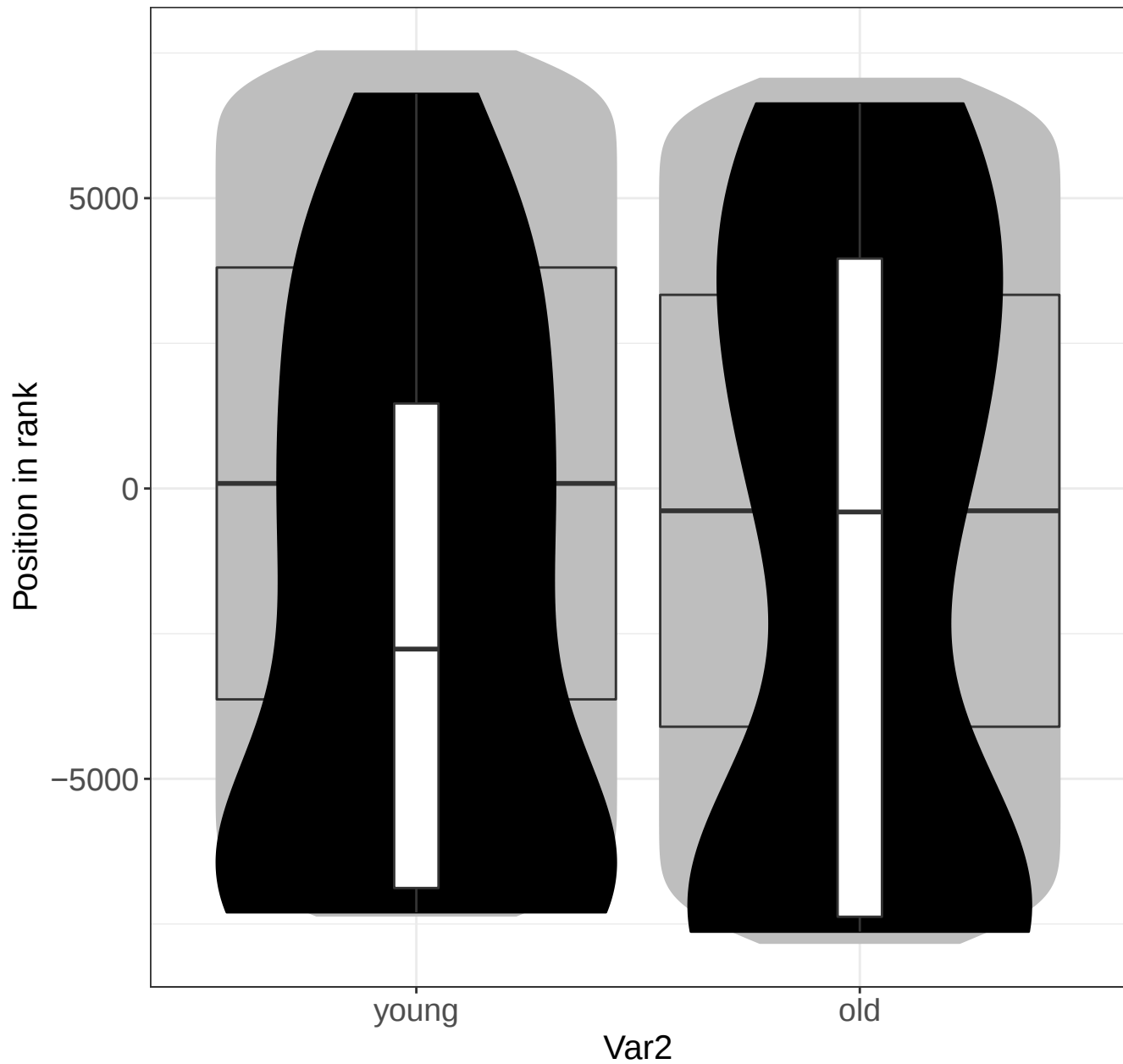
ATF3_None_Macrophage_48322



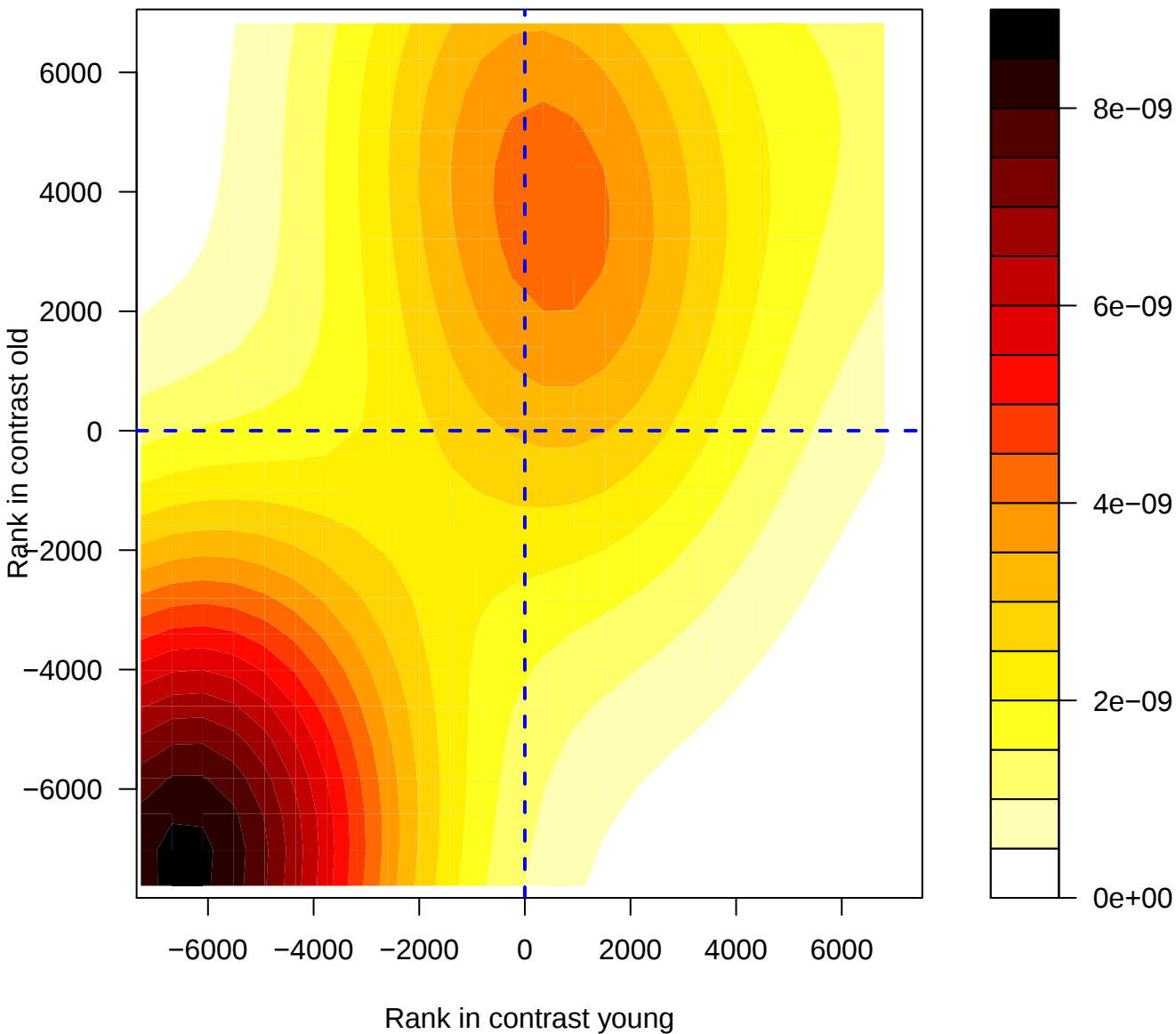
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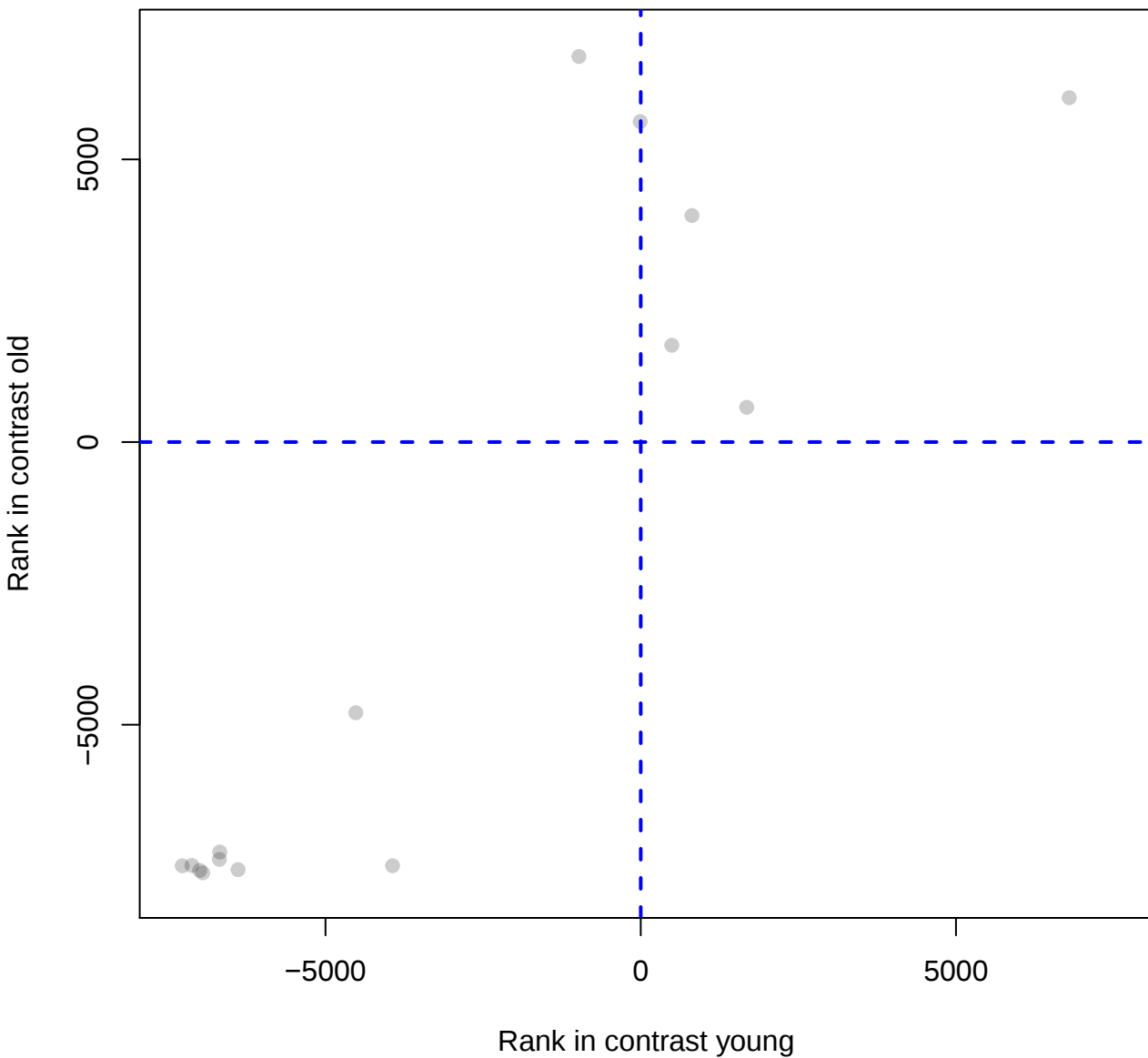
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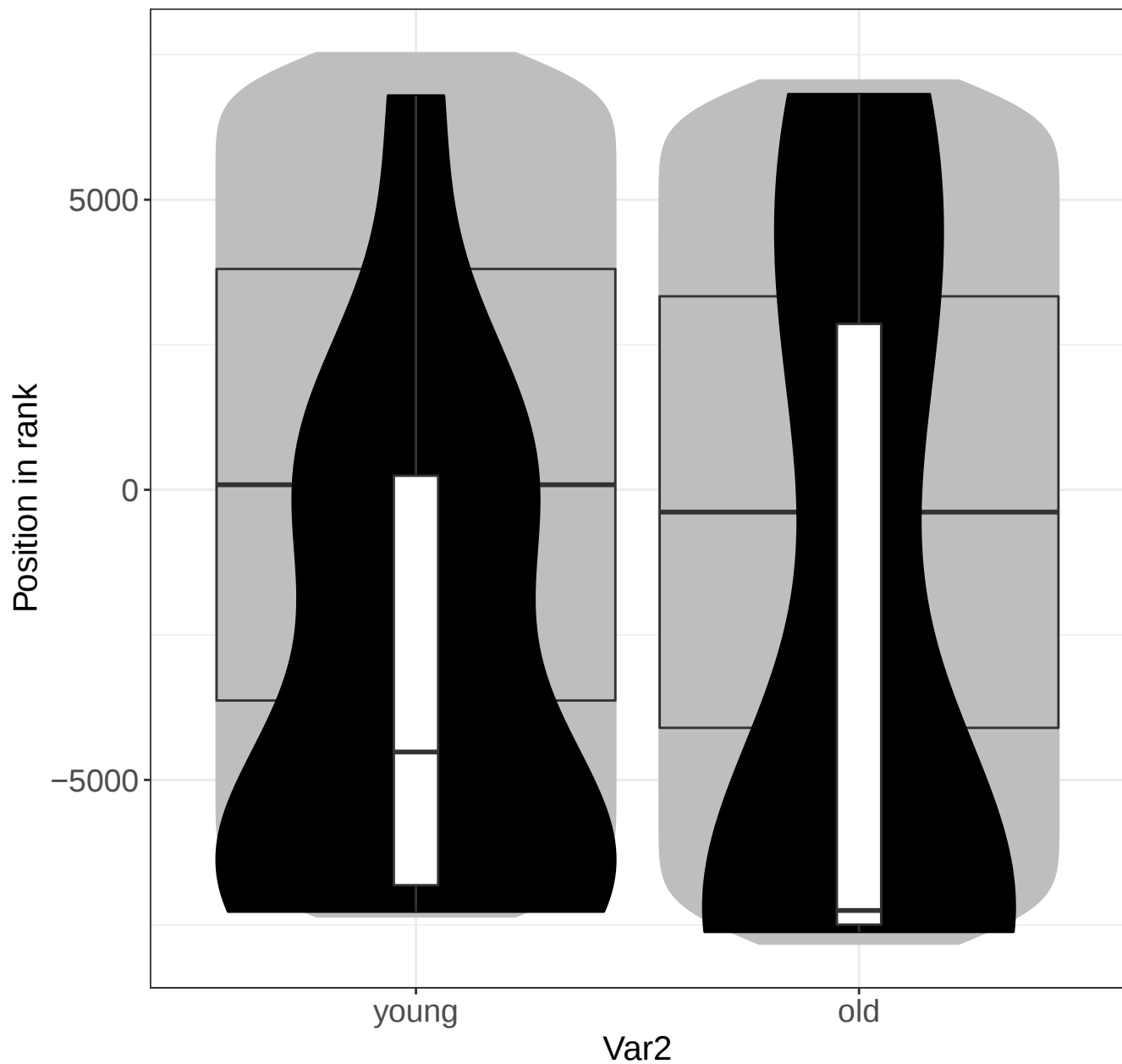
SUV39H2_None_NeuralProgenitorCell_49167



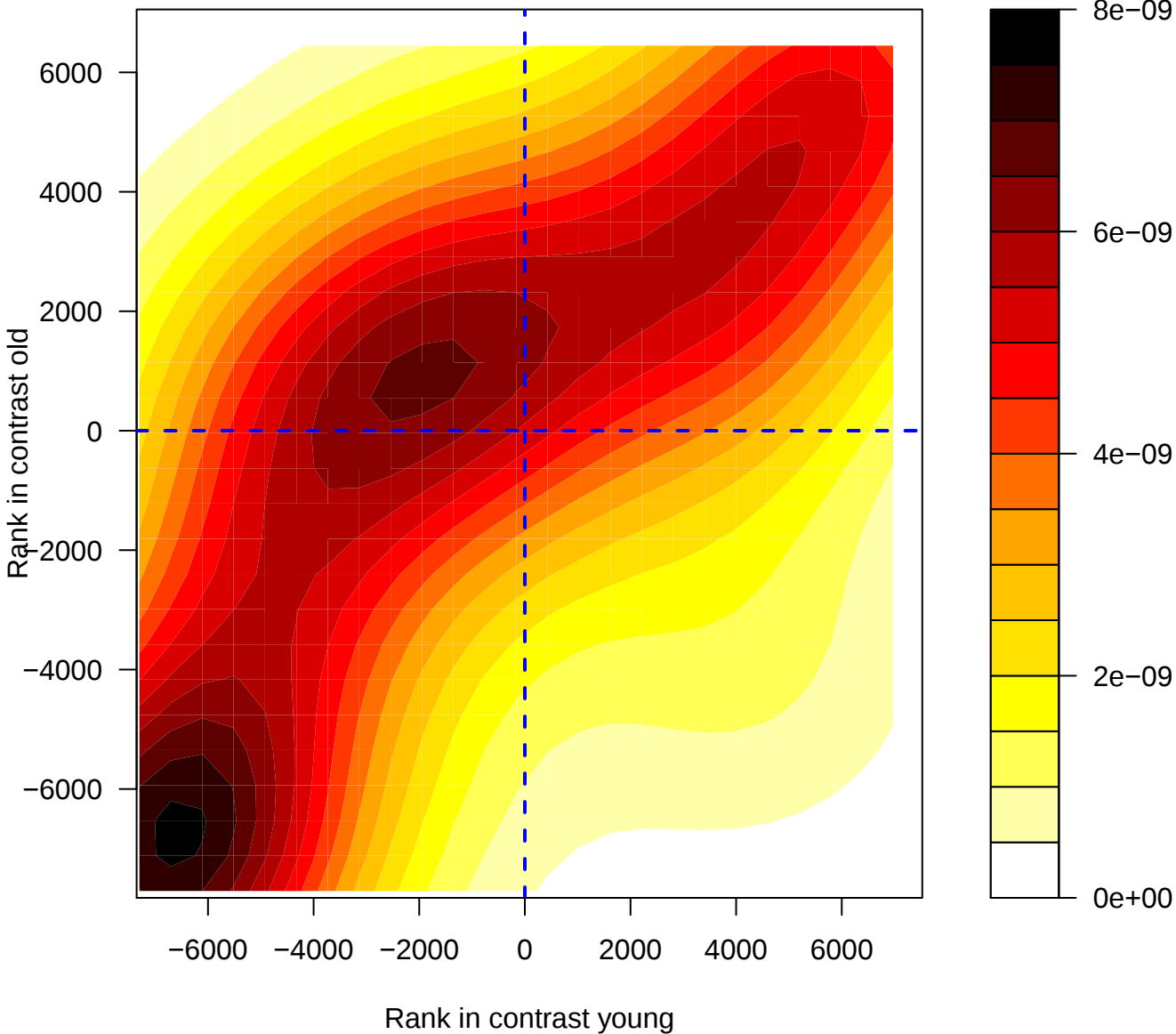
SUV39H2_None_NeuralProgenitorCell_49167



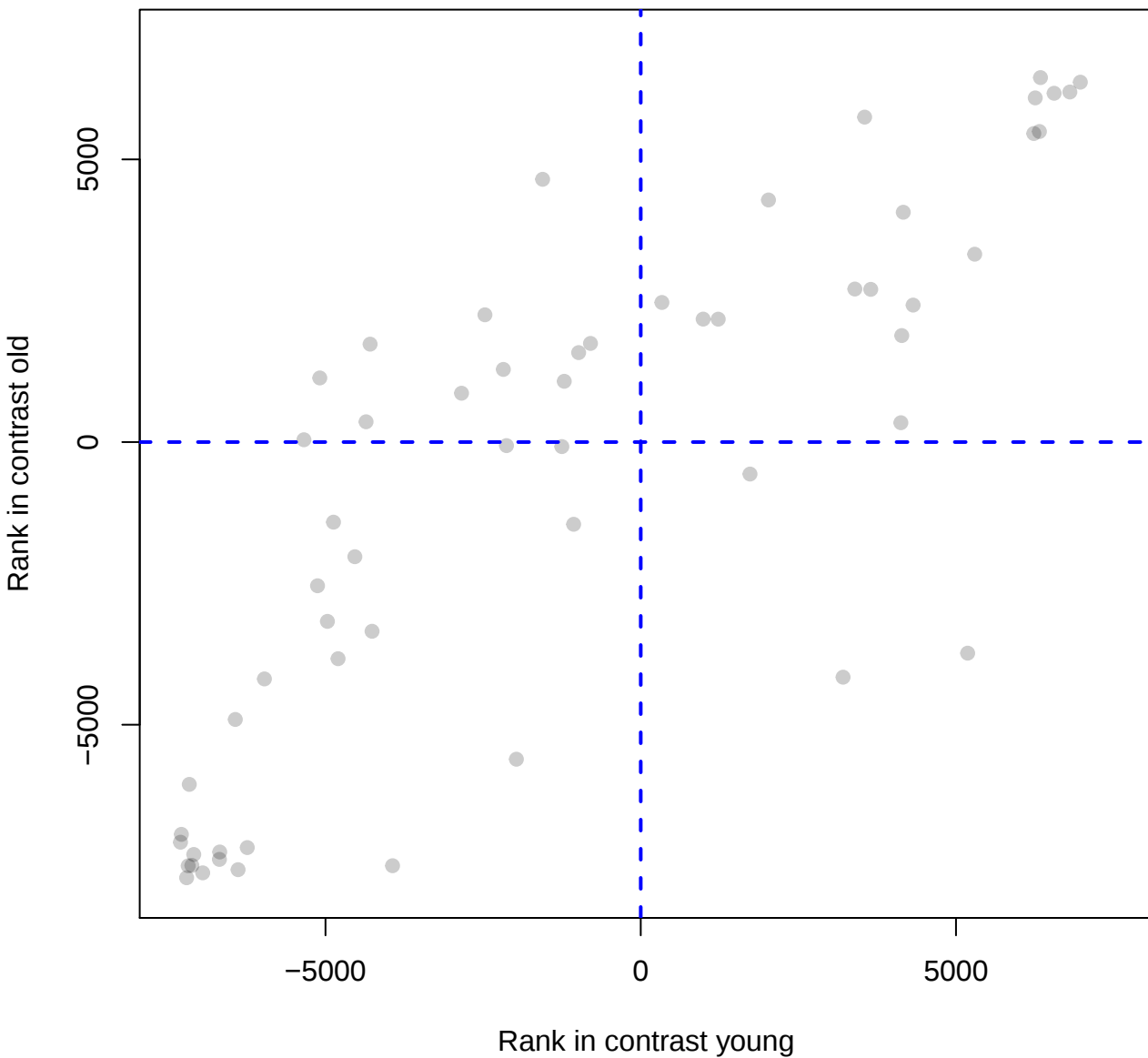
SUV39H2_None_NeuralProgenitorCell_49167



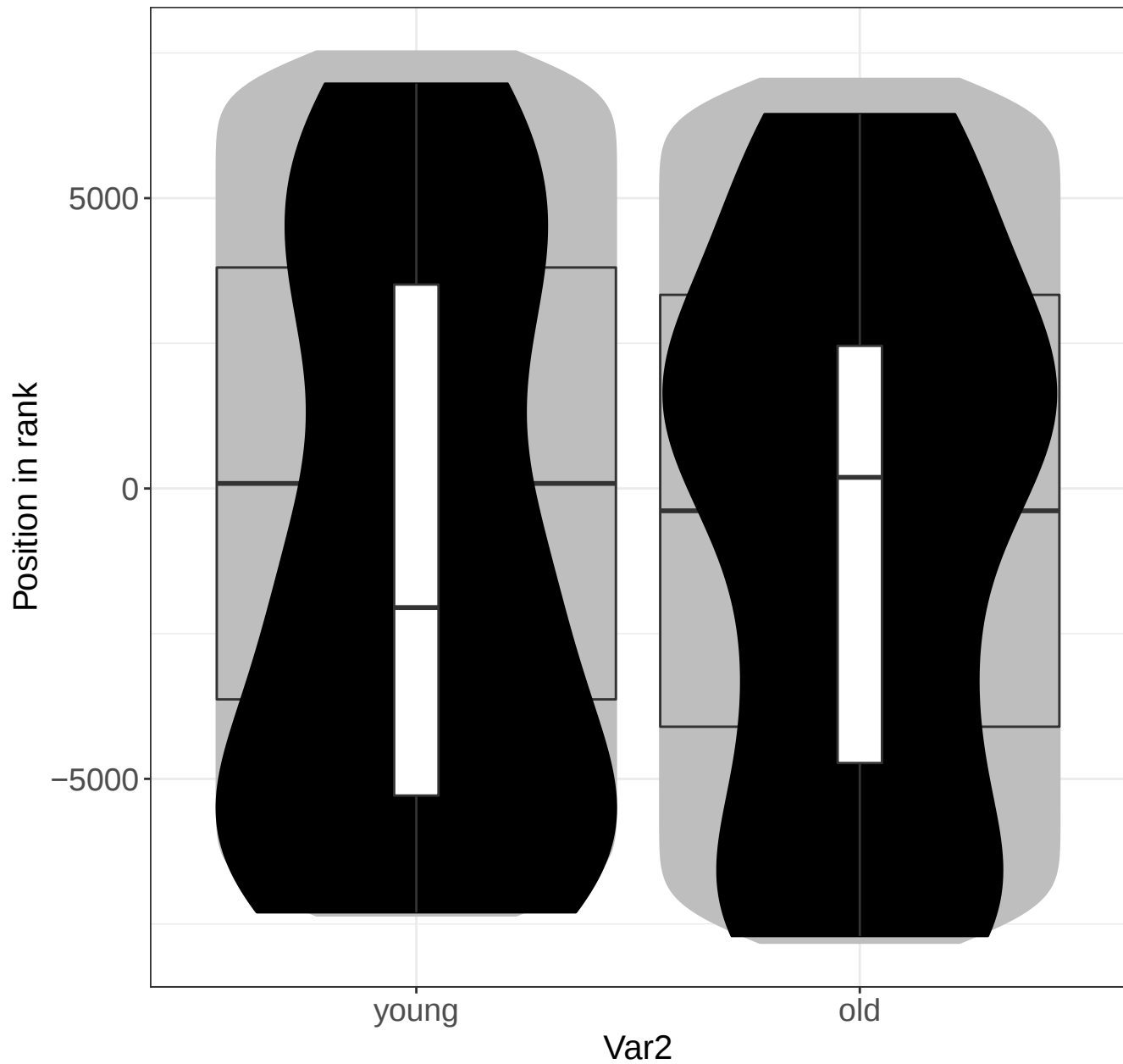
GTF2B_None_None_50212



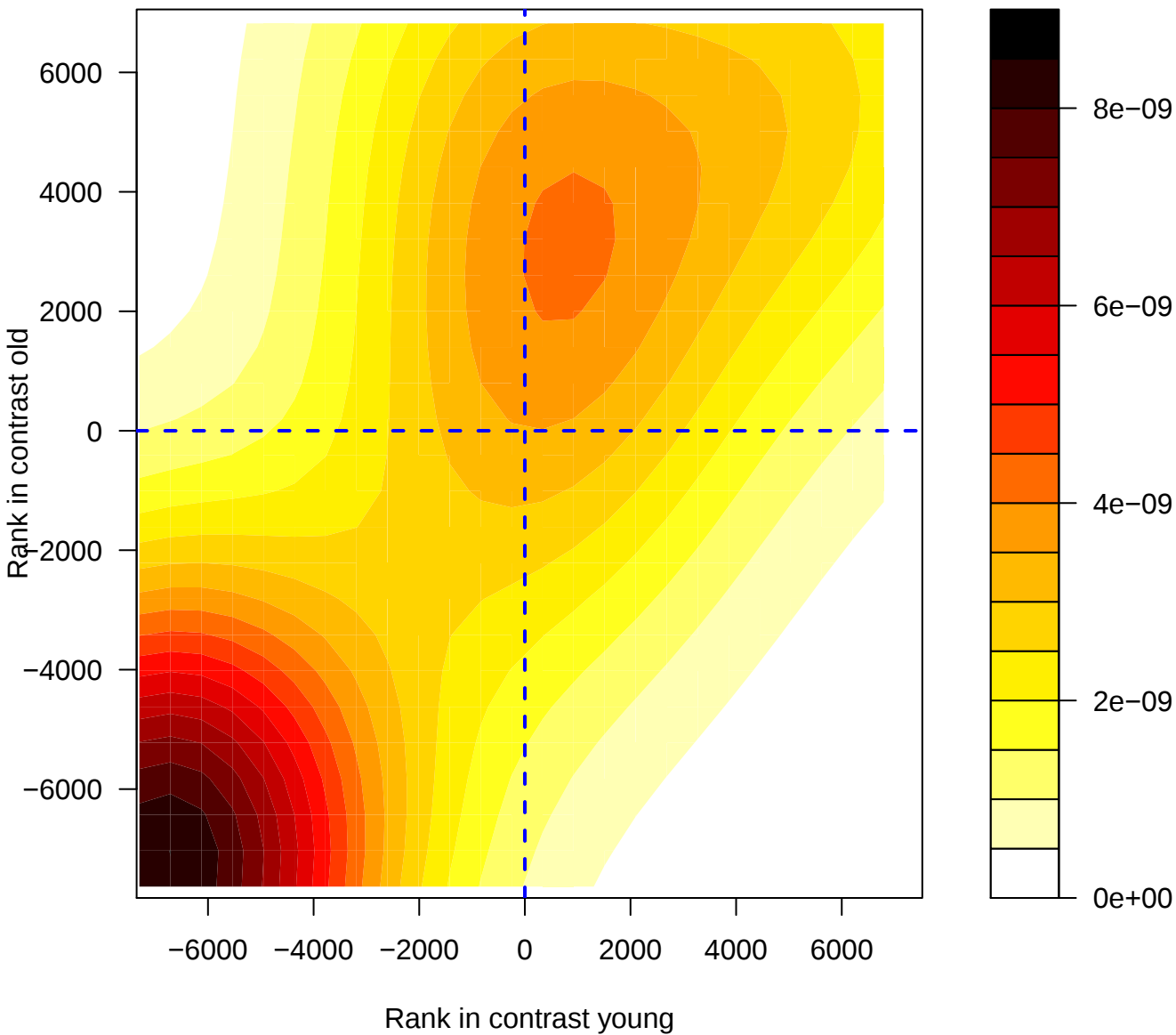
GTF2B_None_None_50212



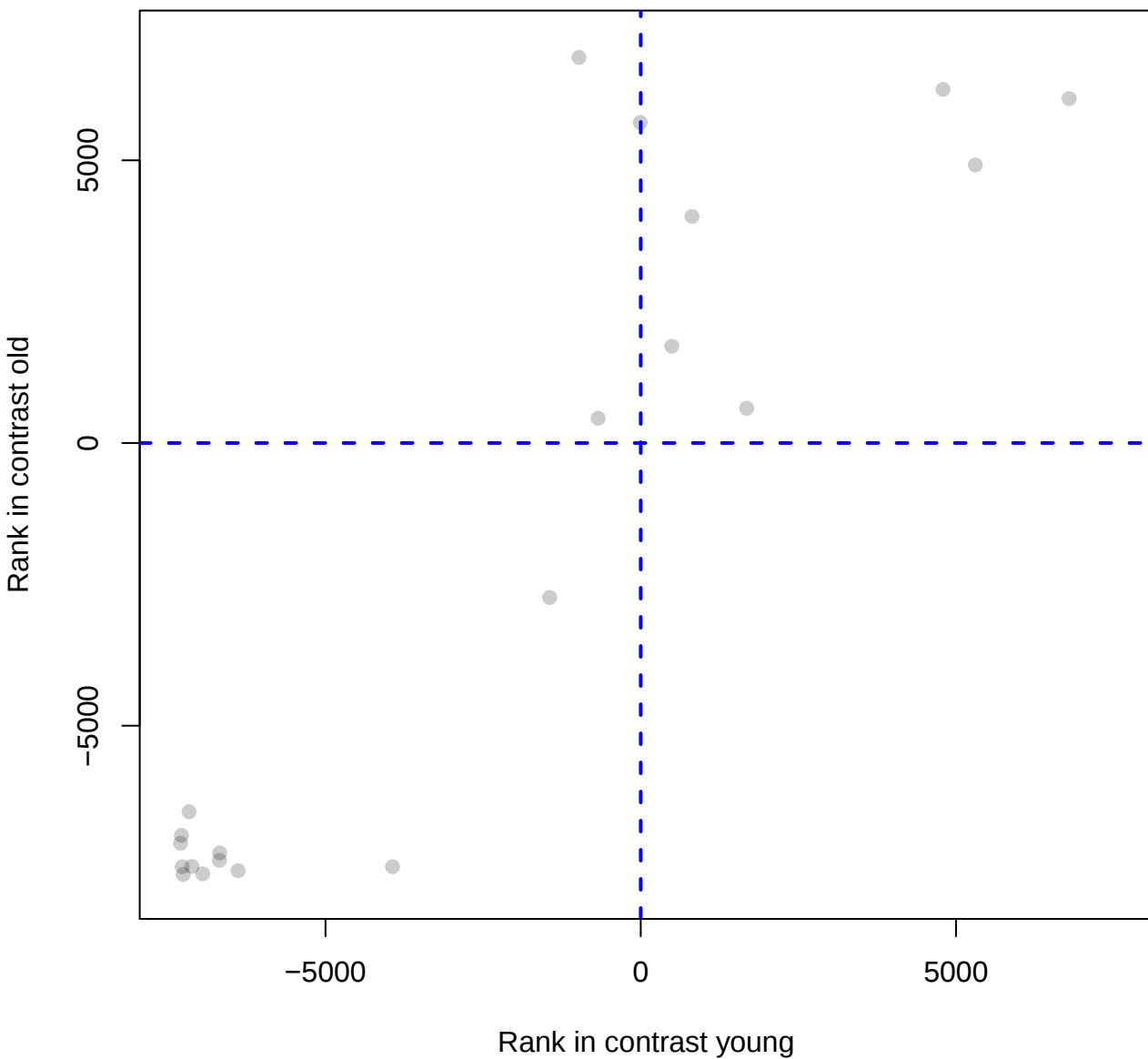
GTF2B_None_None_50212



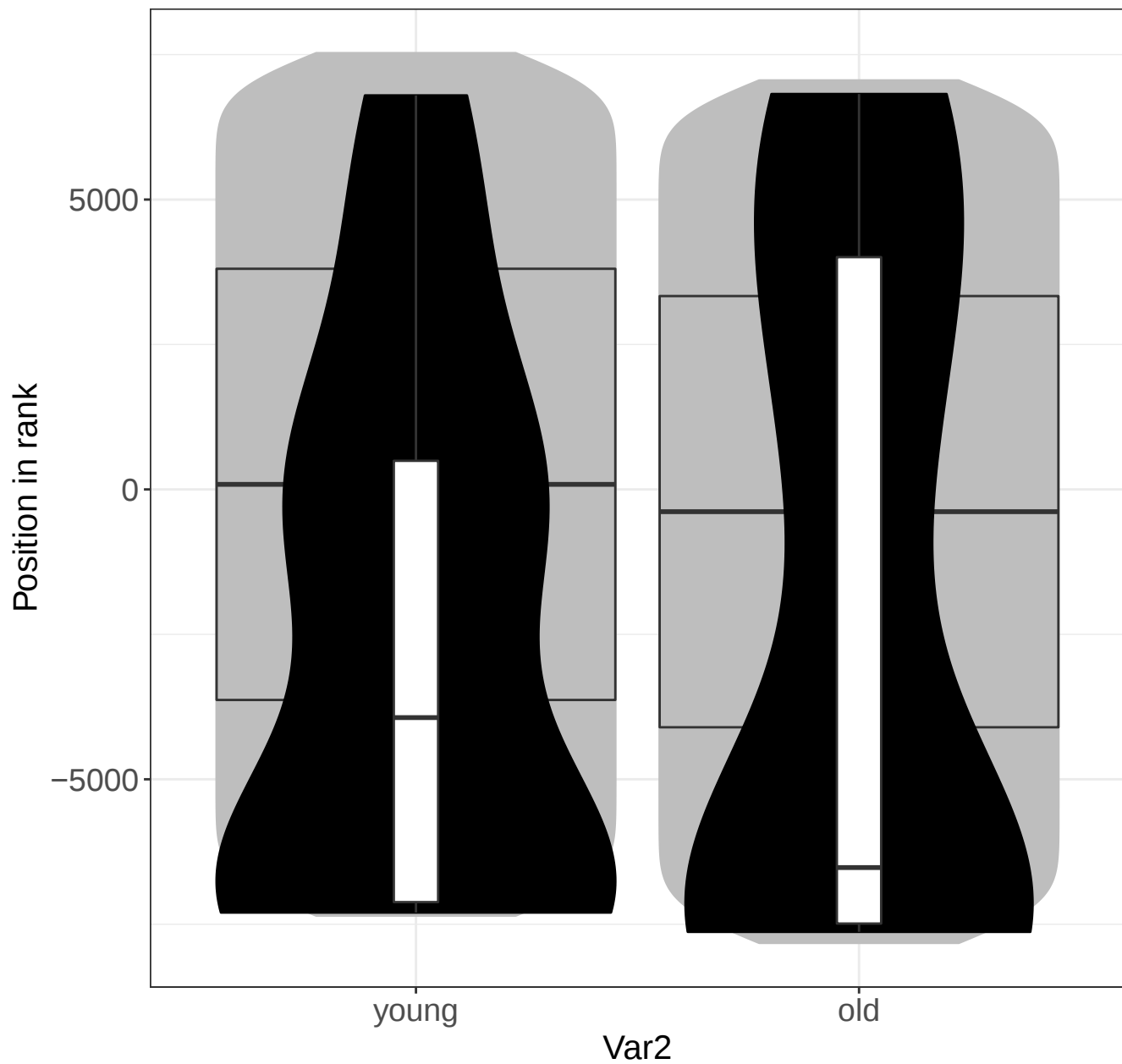
PAF1_KH2_EmbryonicStemCell_70881



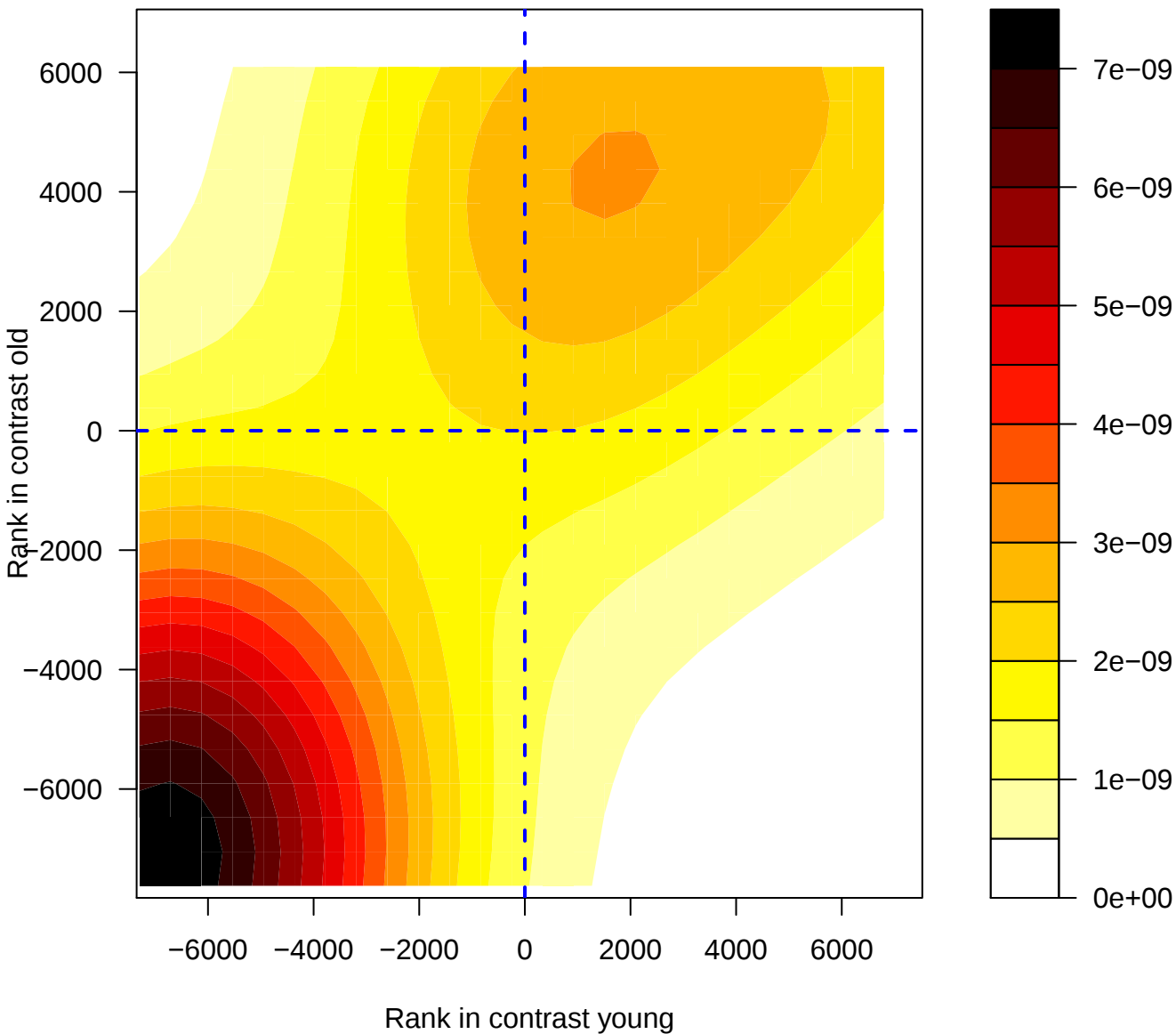
PAF1_KH2_EmbryonicStemCell_70881



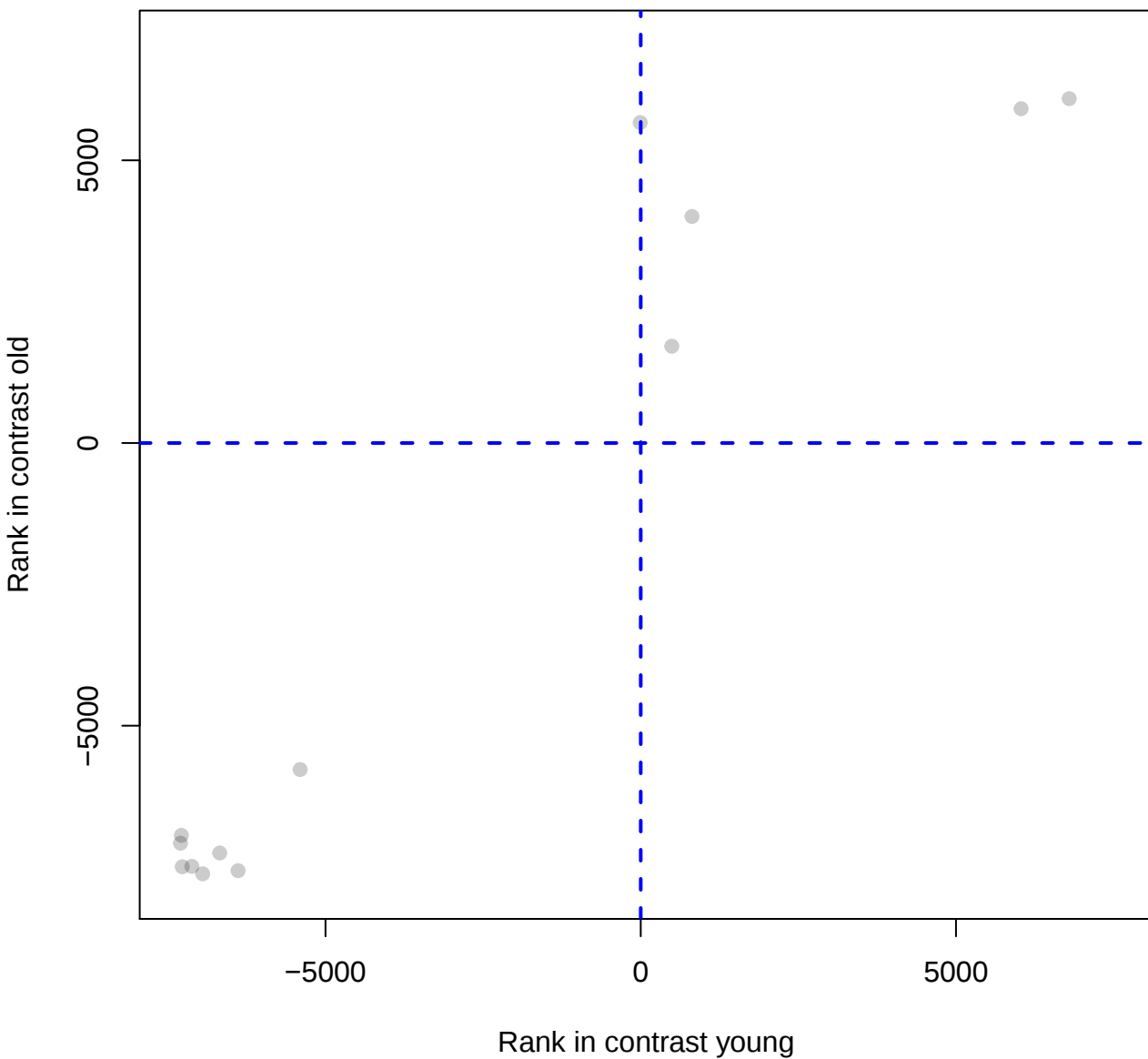
PAF1_KH2_EmbryonicStemCell_70881



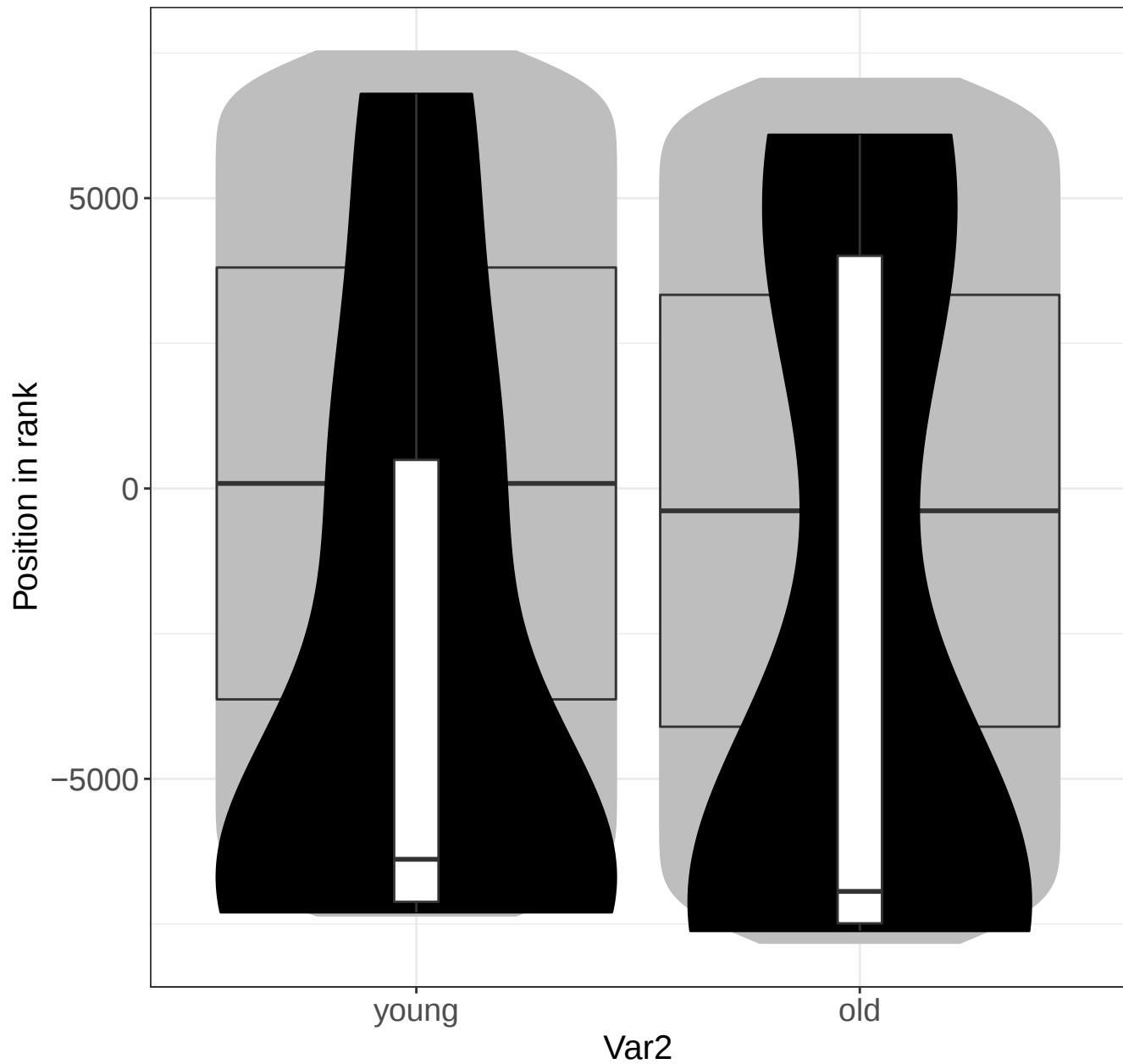
KLF6_None_Oligodendrocytes_68246



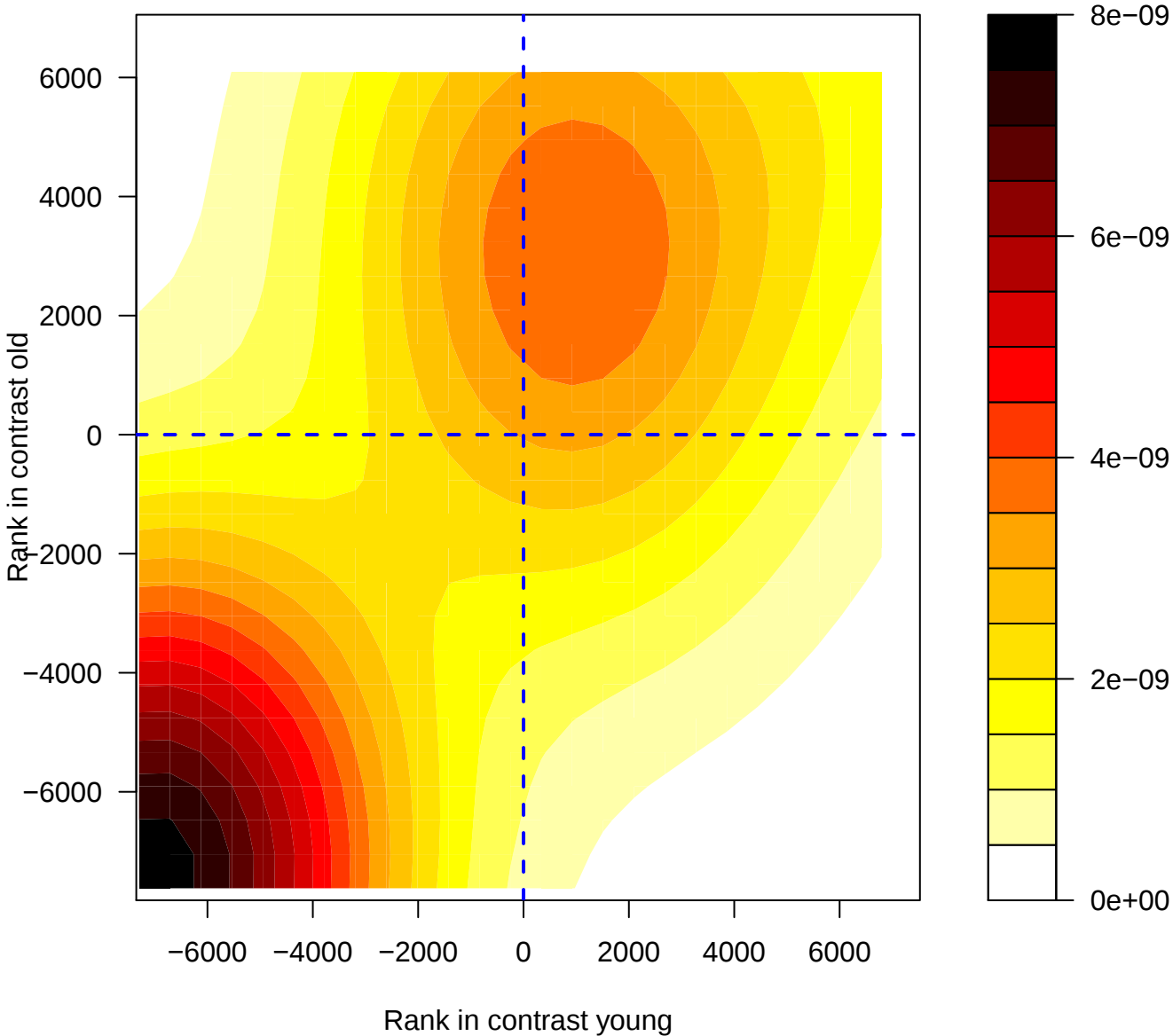
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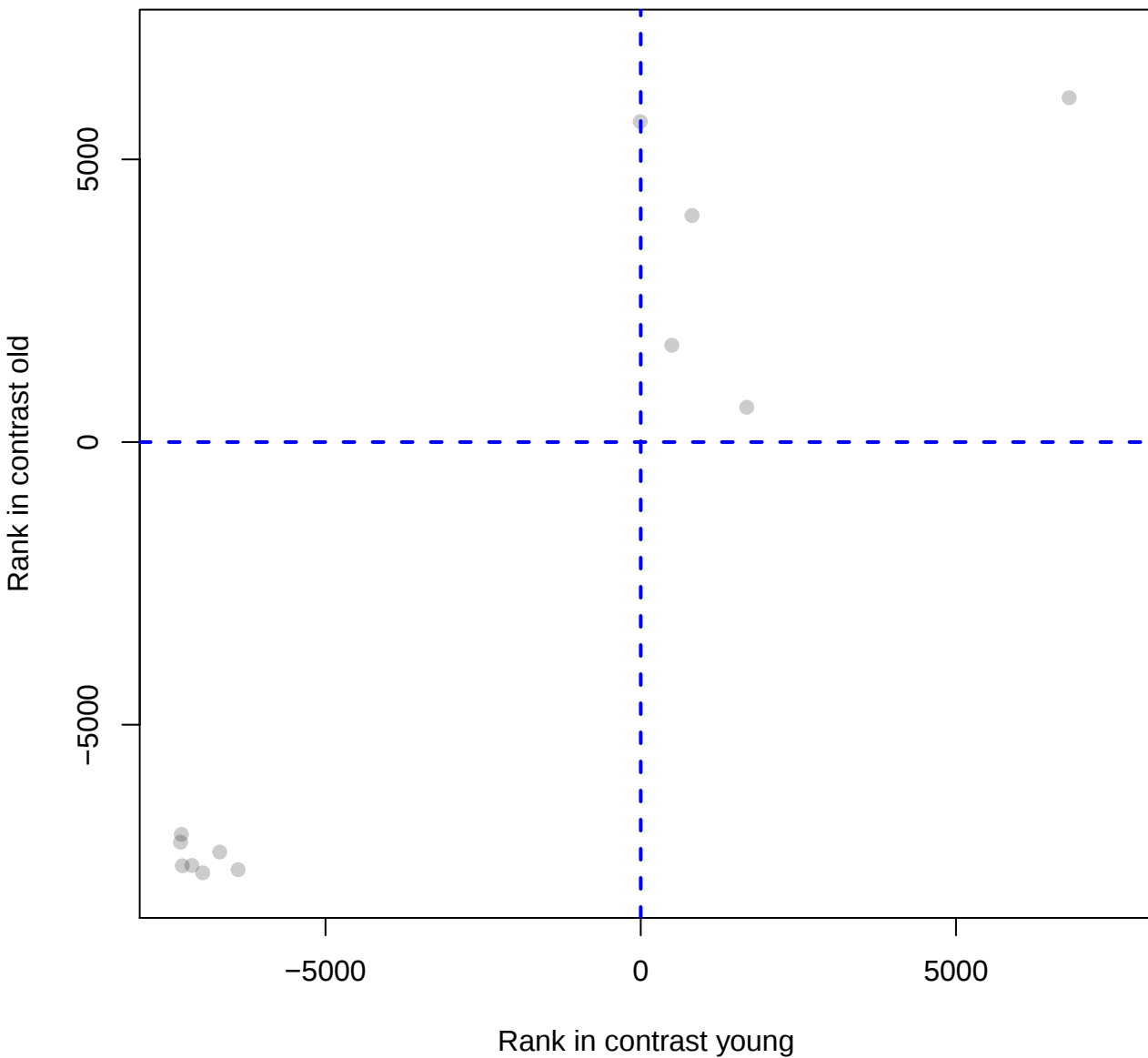
KLF6_None_Oligodendrocytes_68246



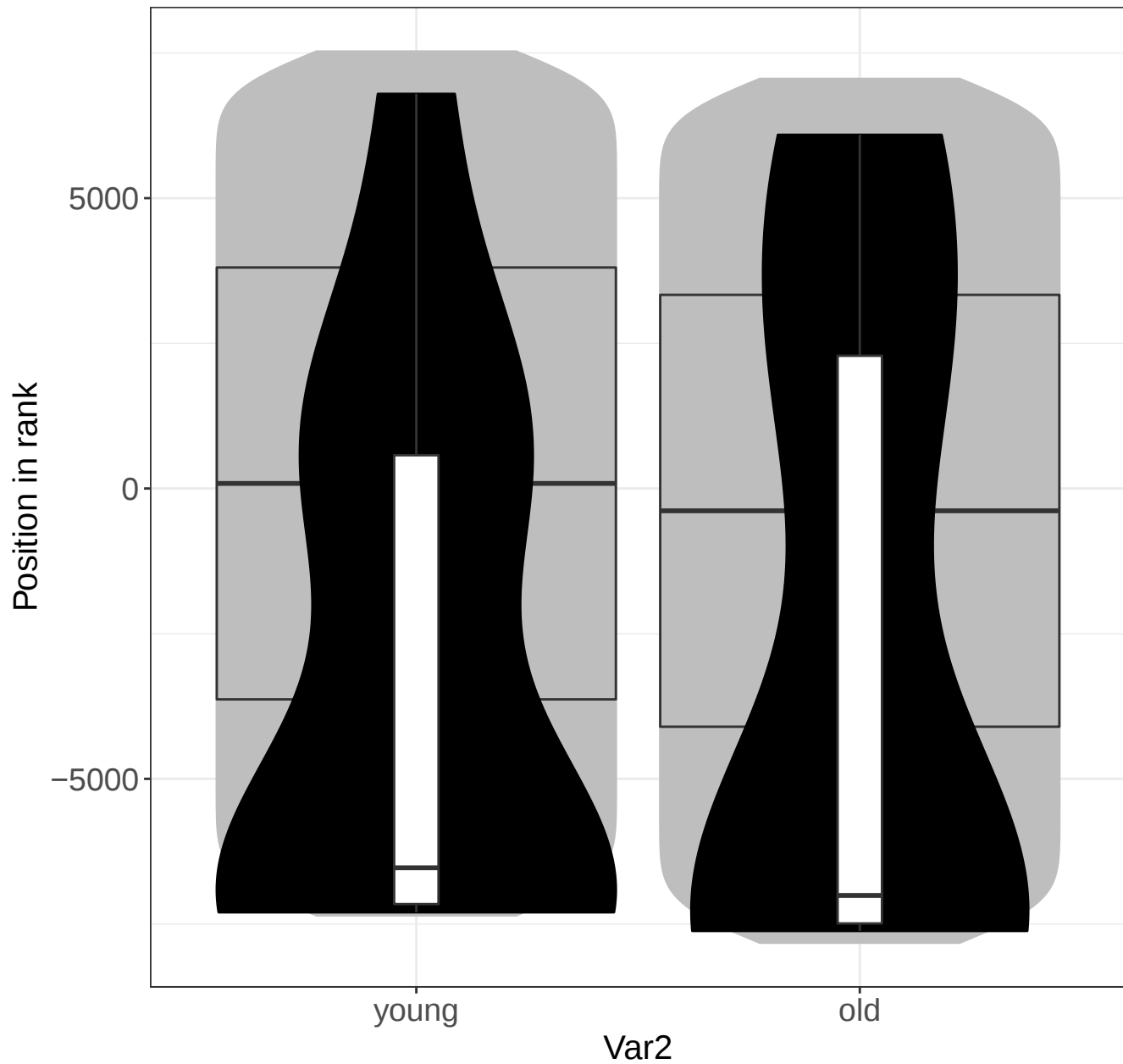
CBX5_None_EmbryonicStemCell_55191



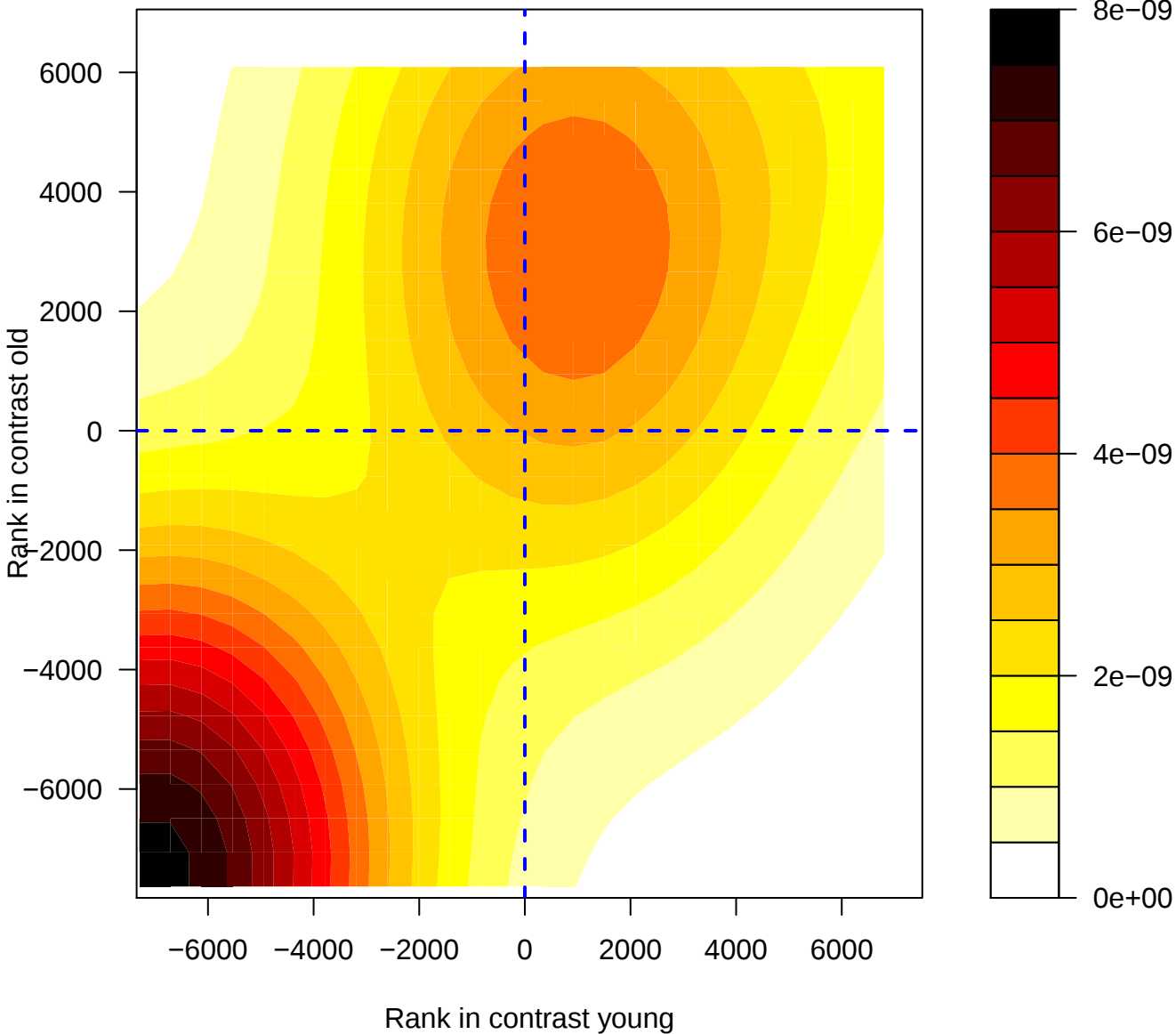
CBX5_None_EmbryonicStemCell_55191



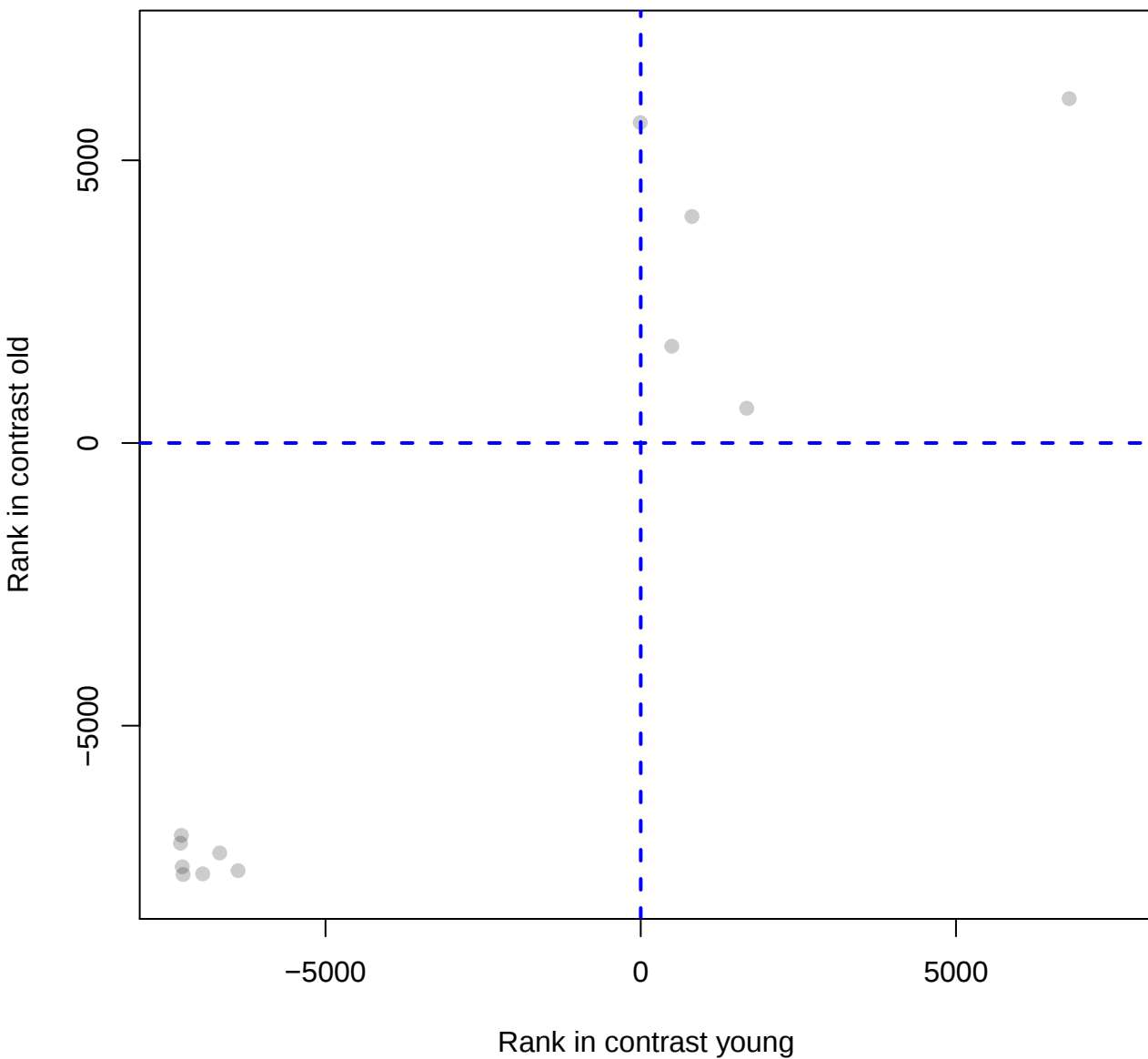
CBX5_None_EmbryonicStemCell_55191



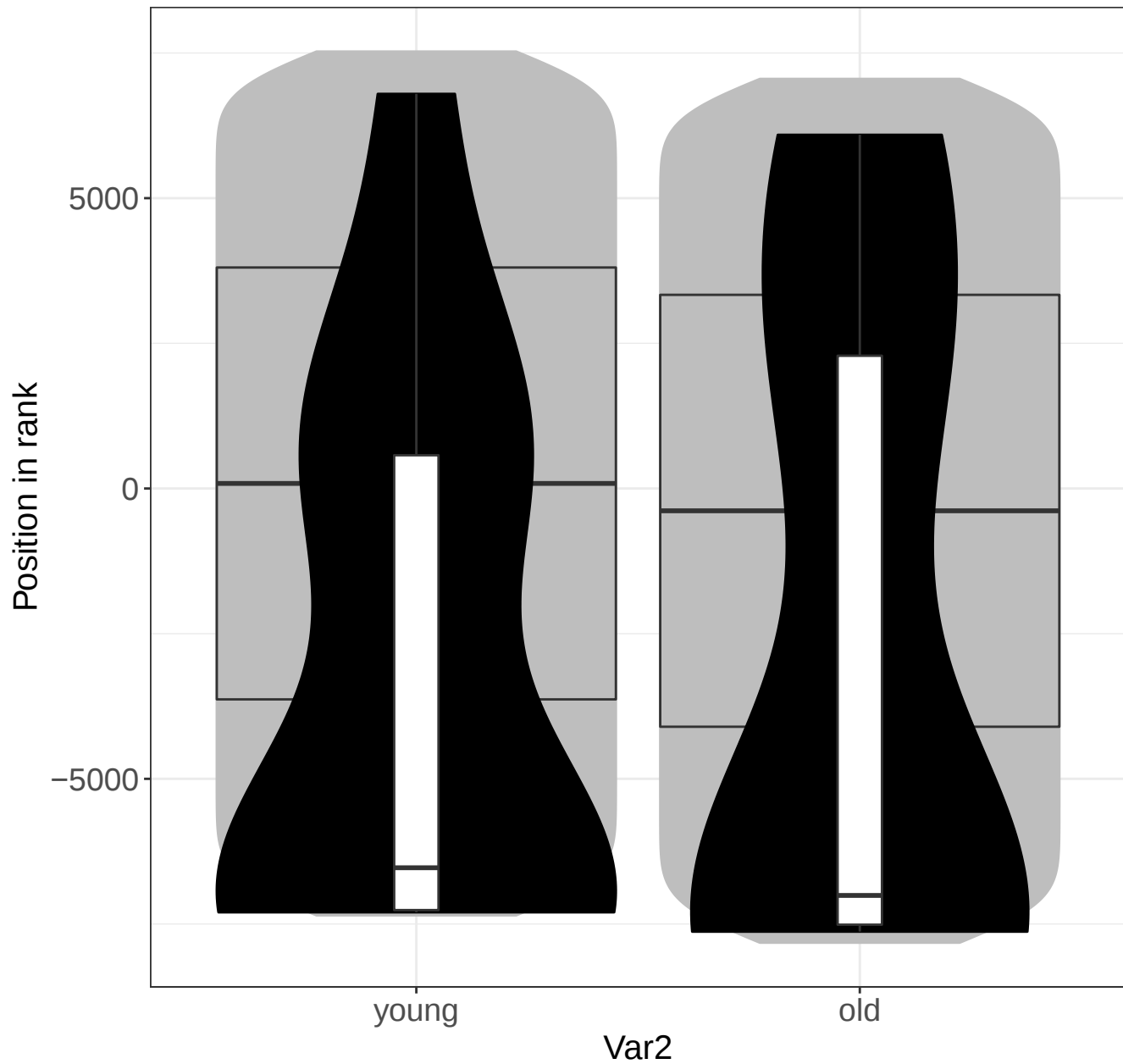
CDK9_None_Macrophage_69739



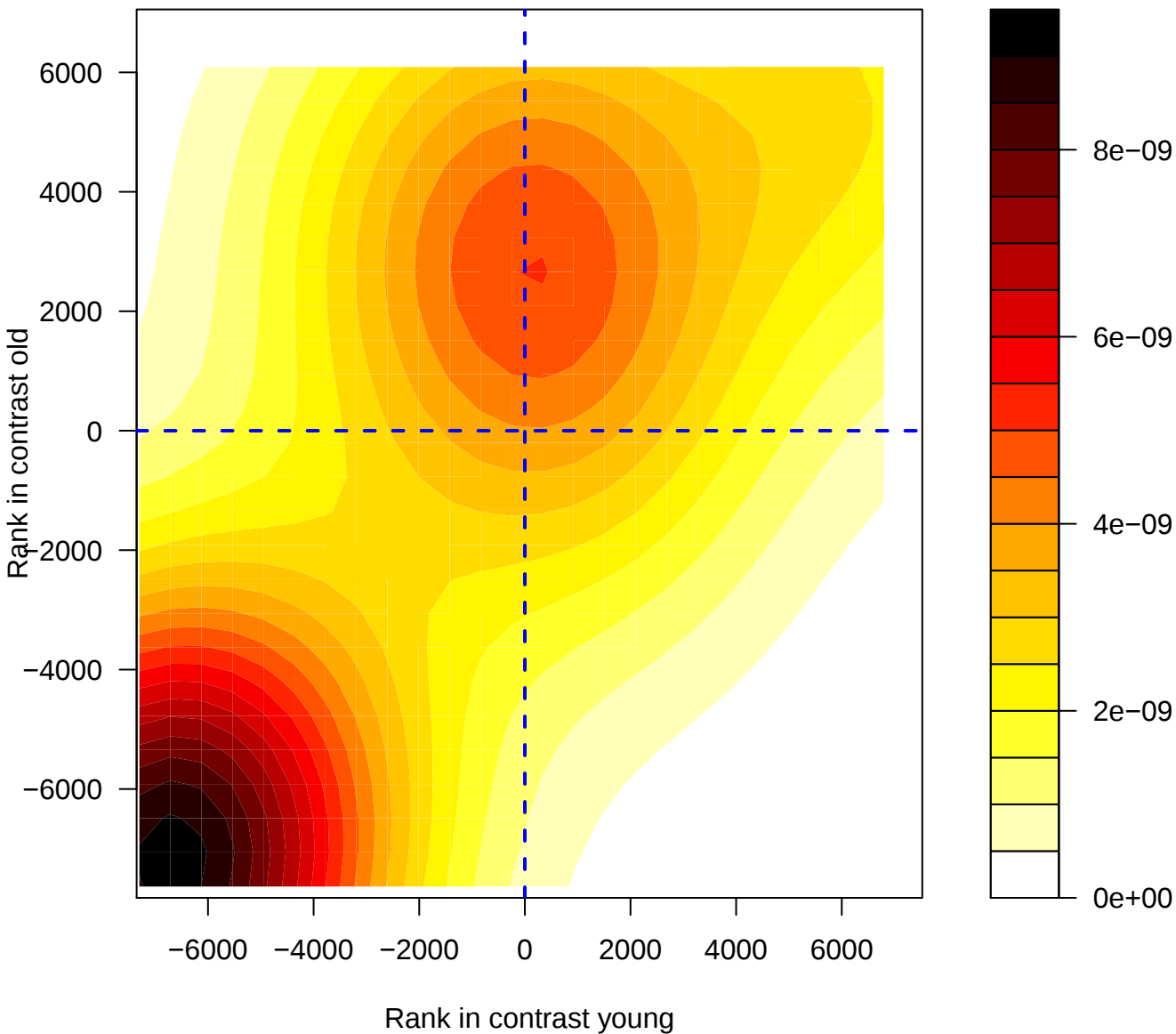
CDK9_None_Macrophage_69739



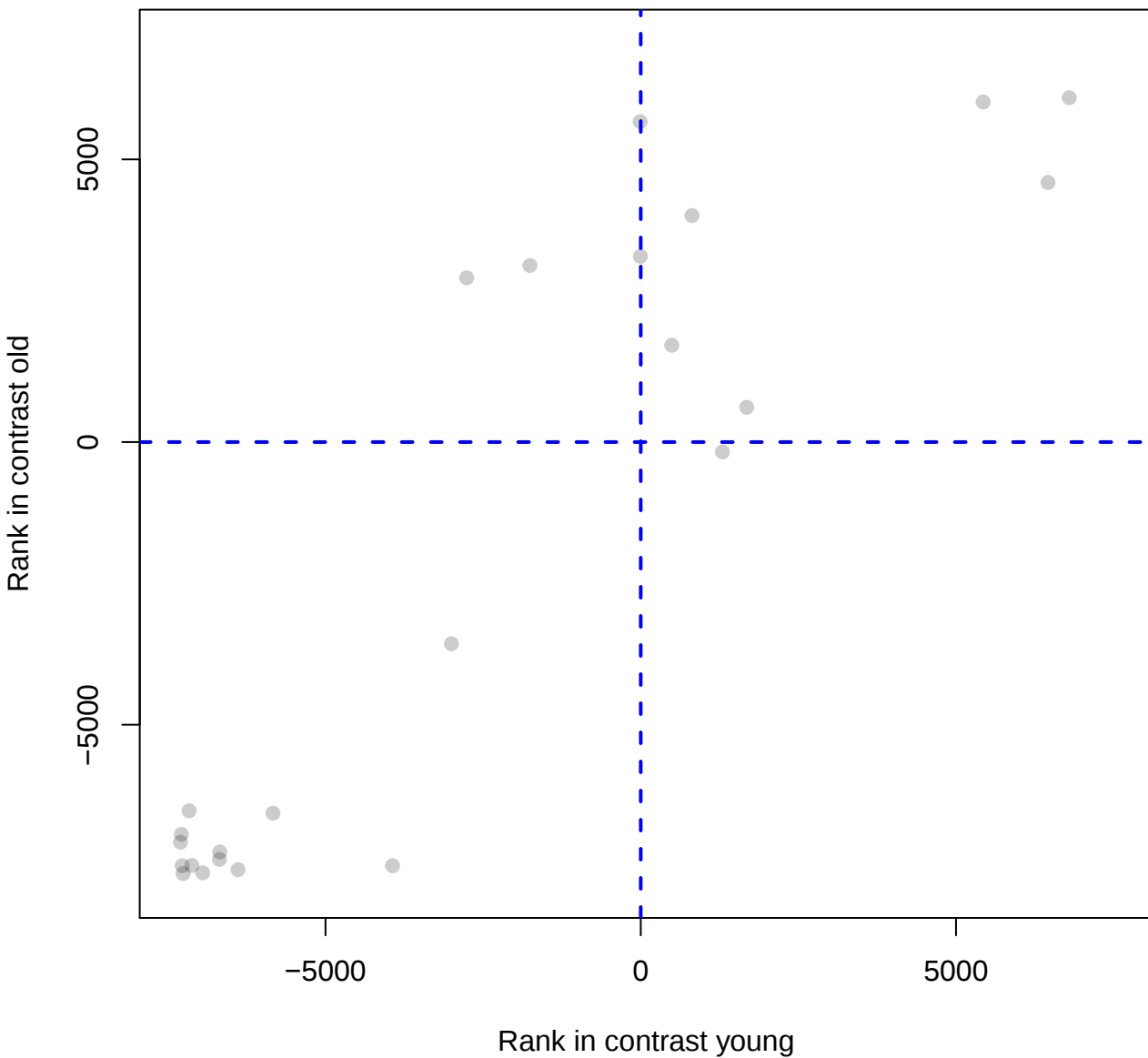
CDK9_None_Macrophage_69739



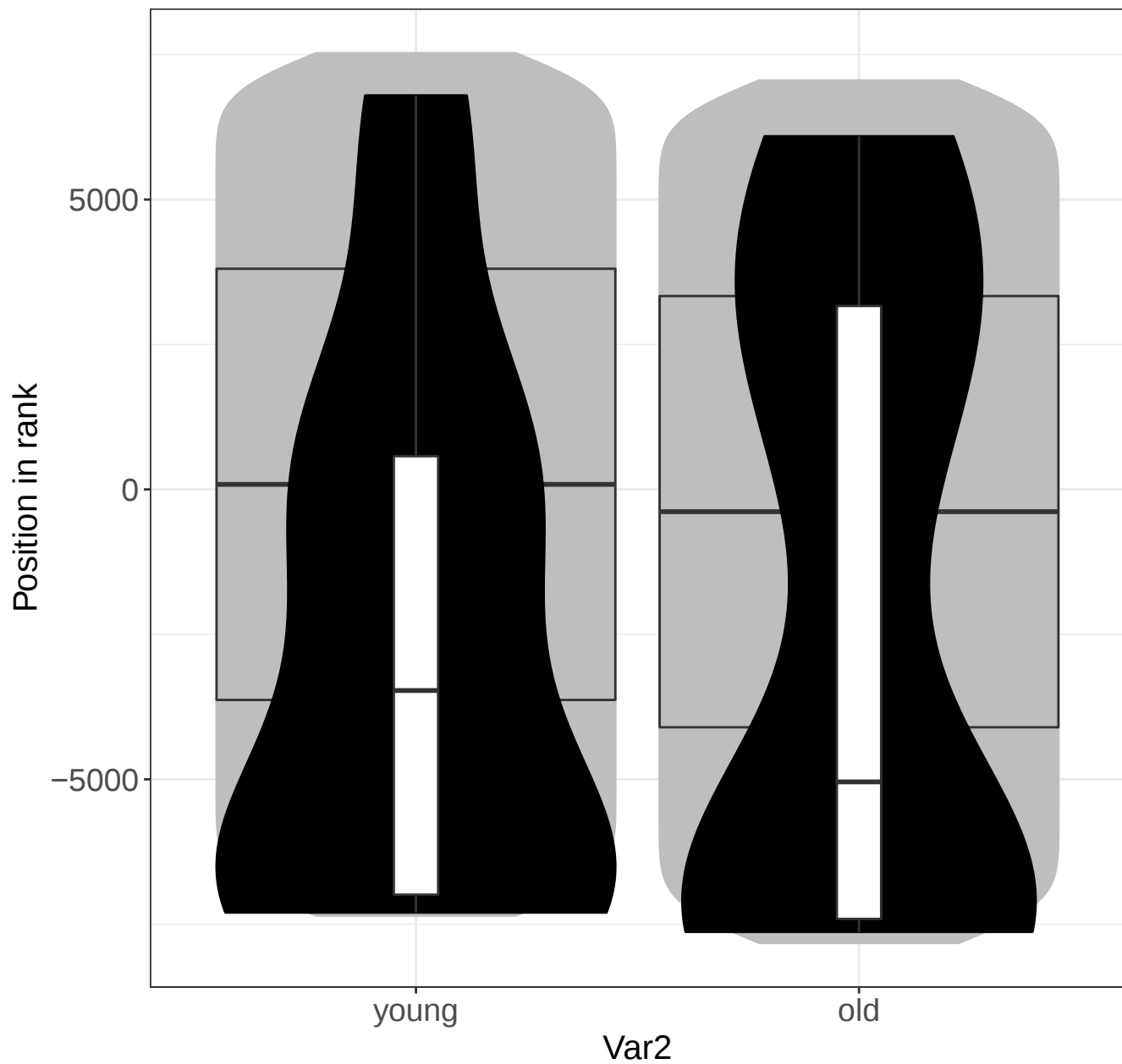
TCF7L2_None_CardiacVentricles_88407



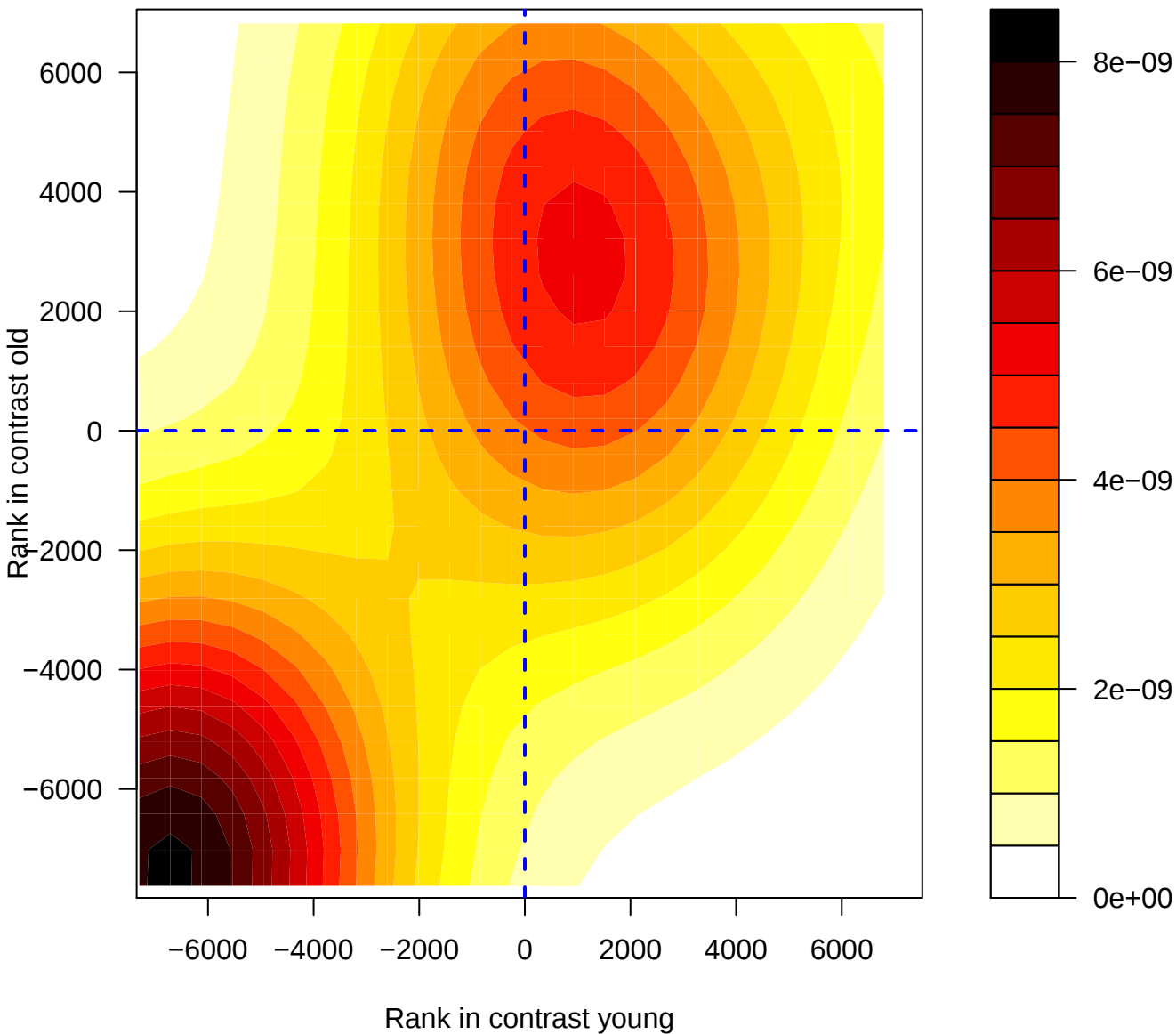
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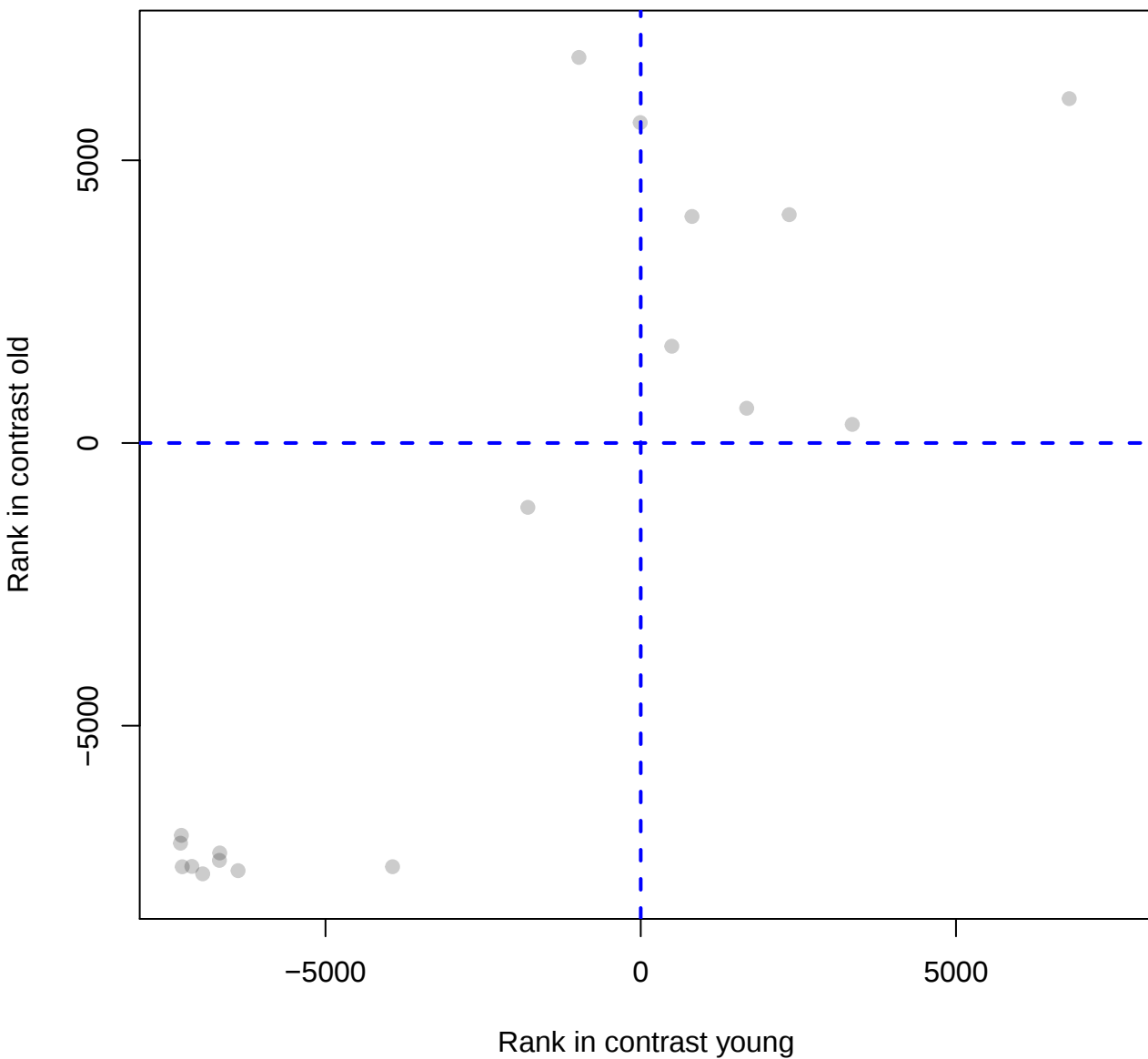
TCF7L2_None_CardiacVentricles_88407



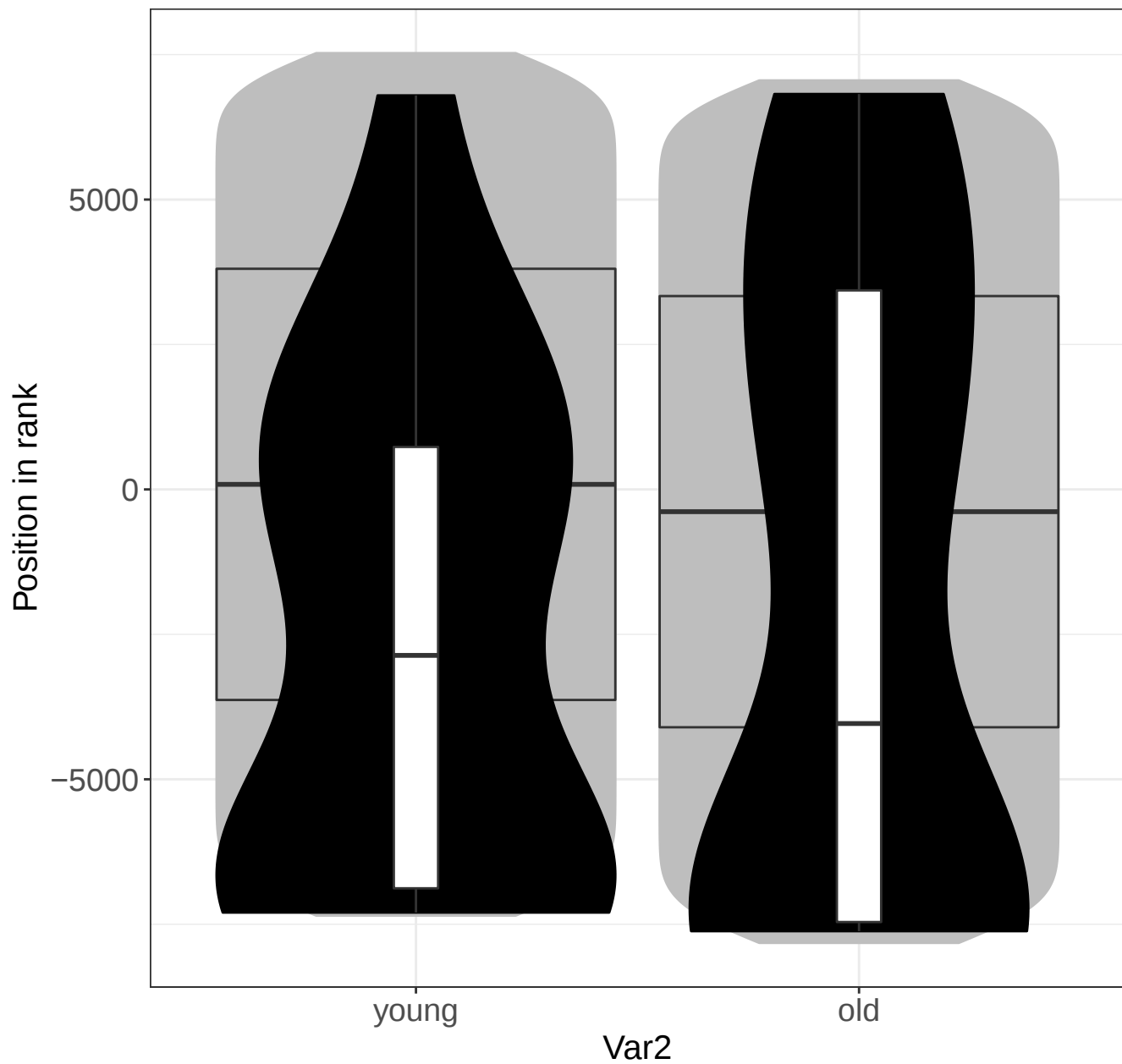
RUNX3_None_NaturalKillerCell_41953



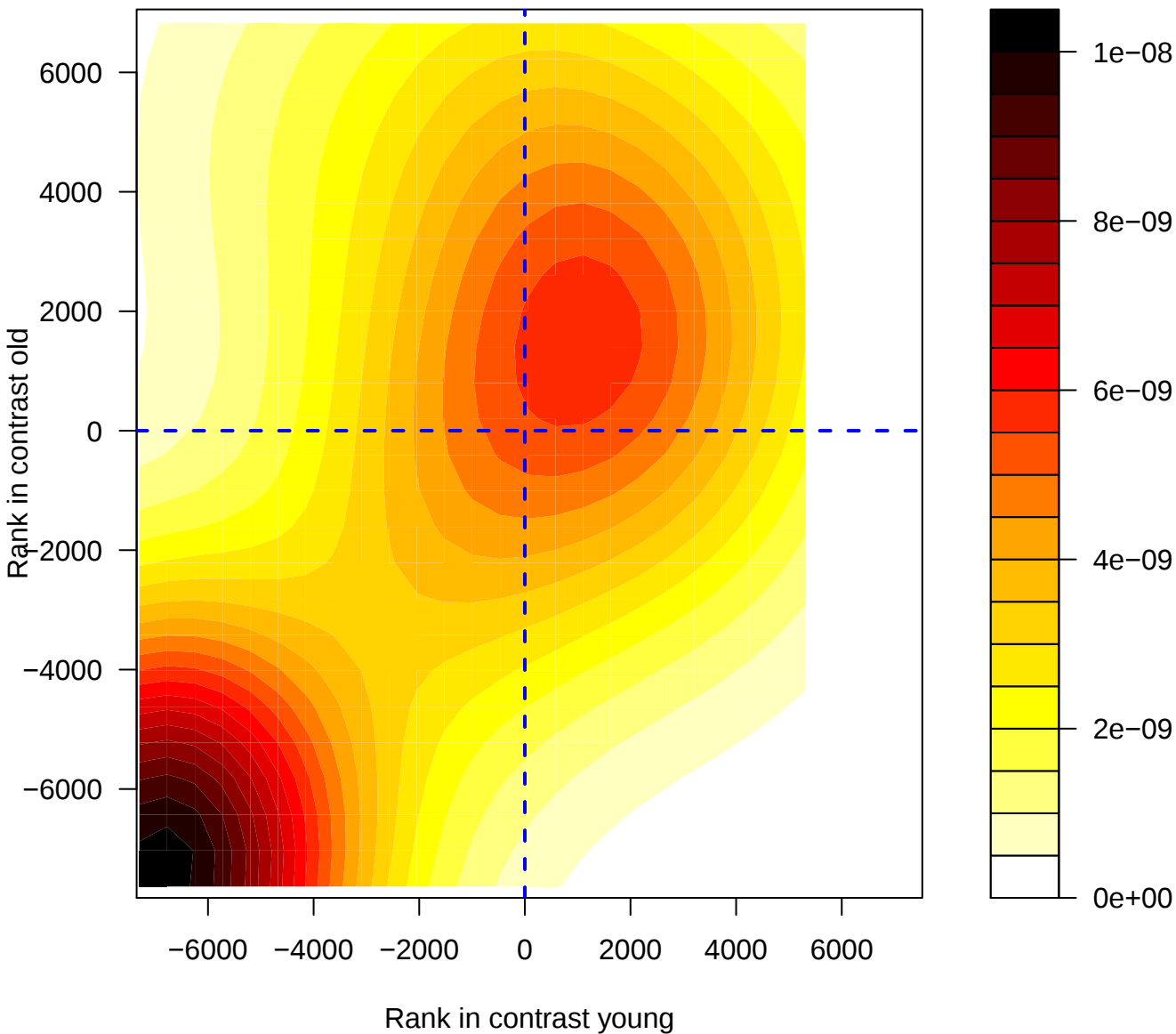
RUNX3_None_NaturalKillerCell_41953



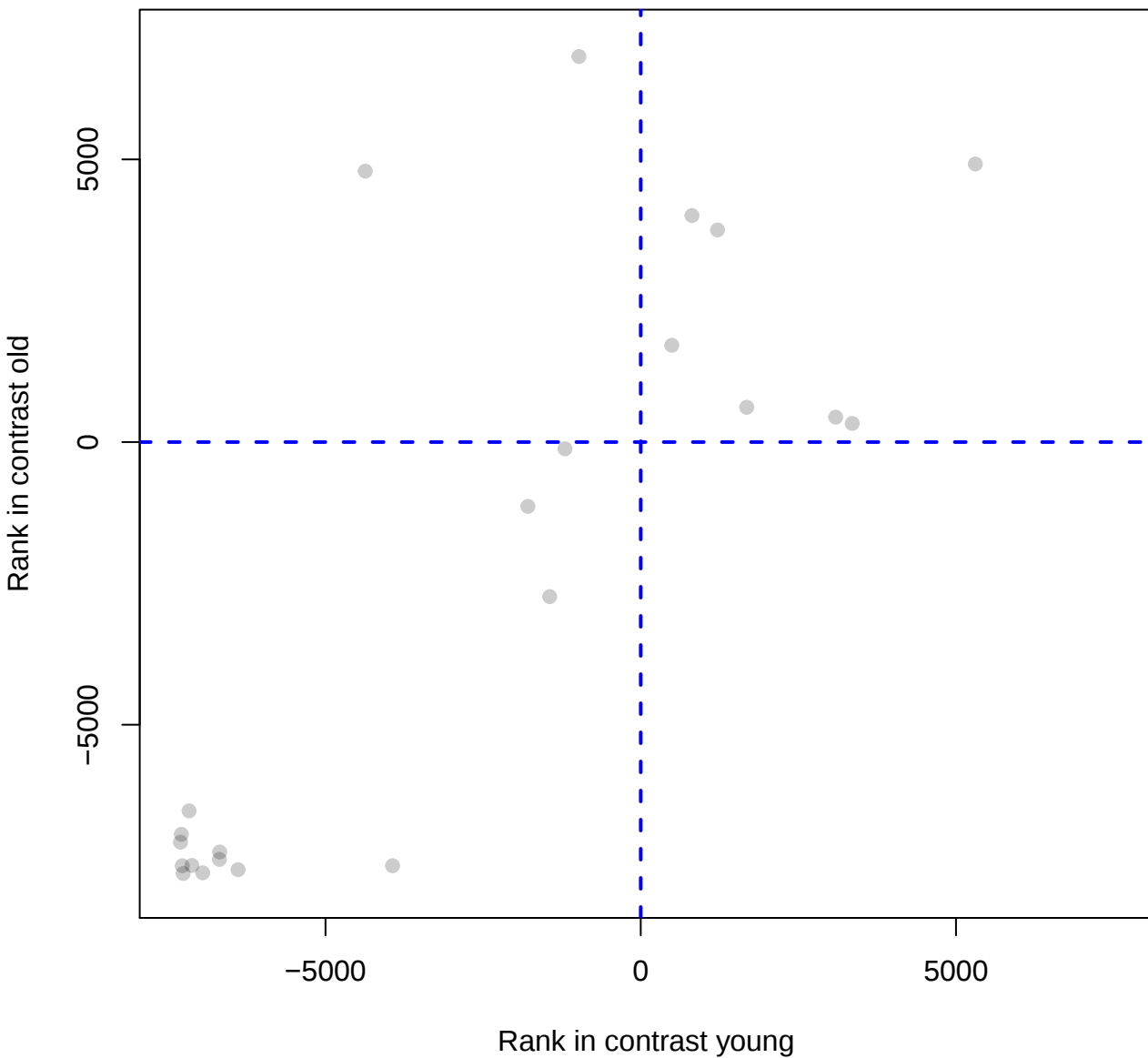
RUNX3_None_NaturalKillerCell_41953



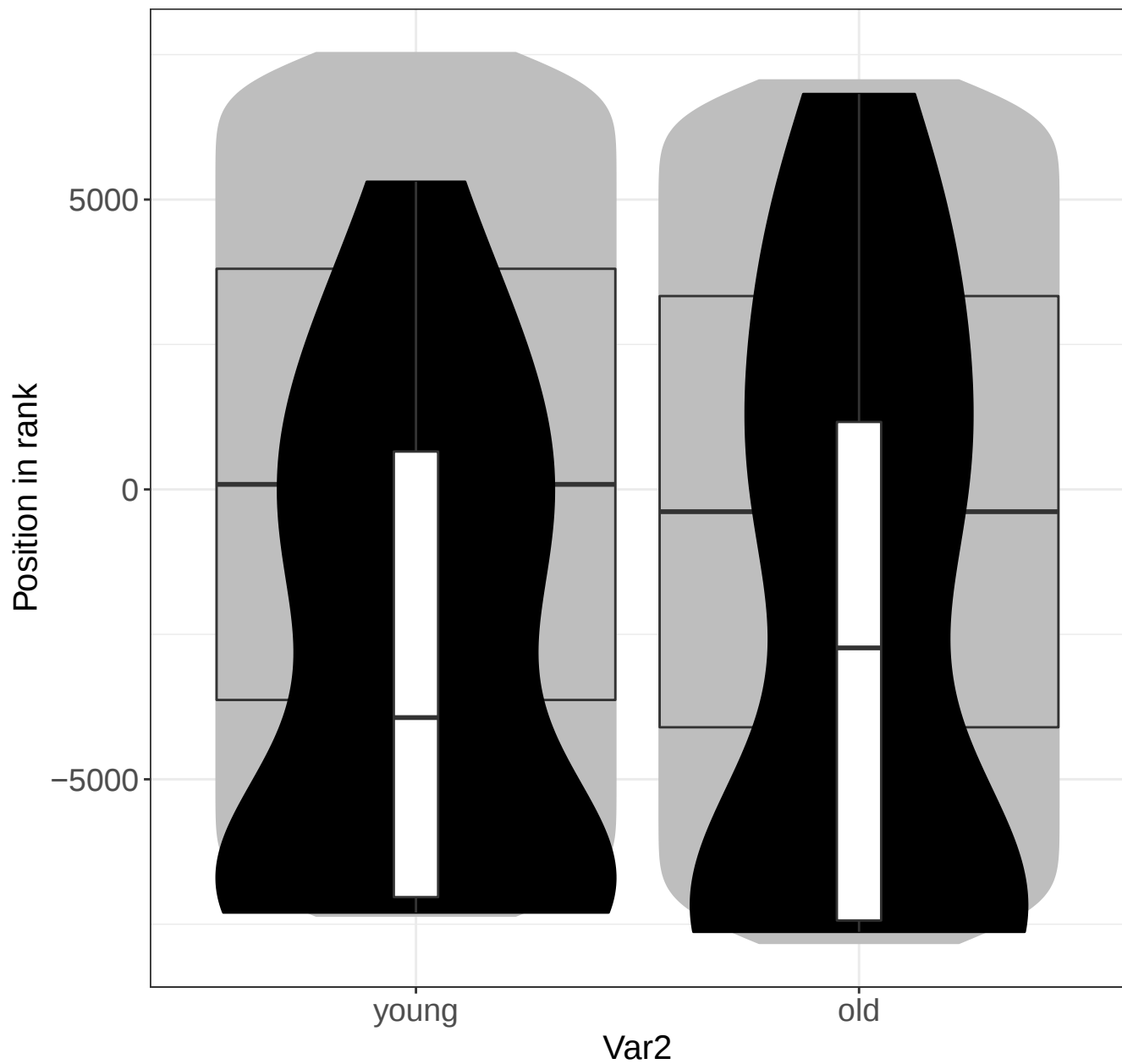
SUV39H1_None_TLymphocyte_82053



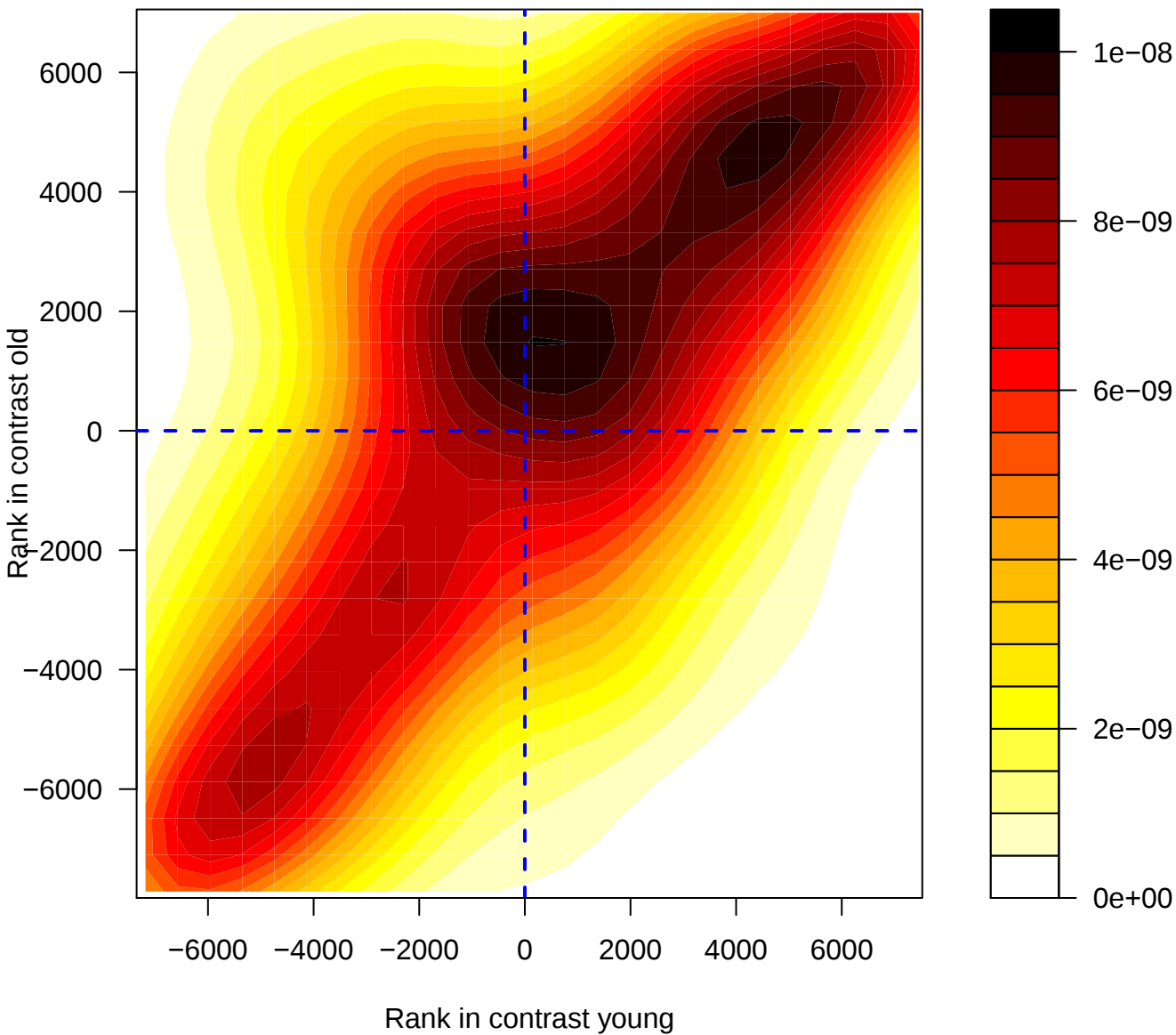
SUV39H1_None_TLymphocyte_82053



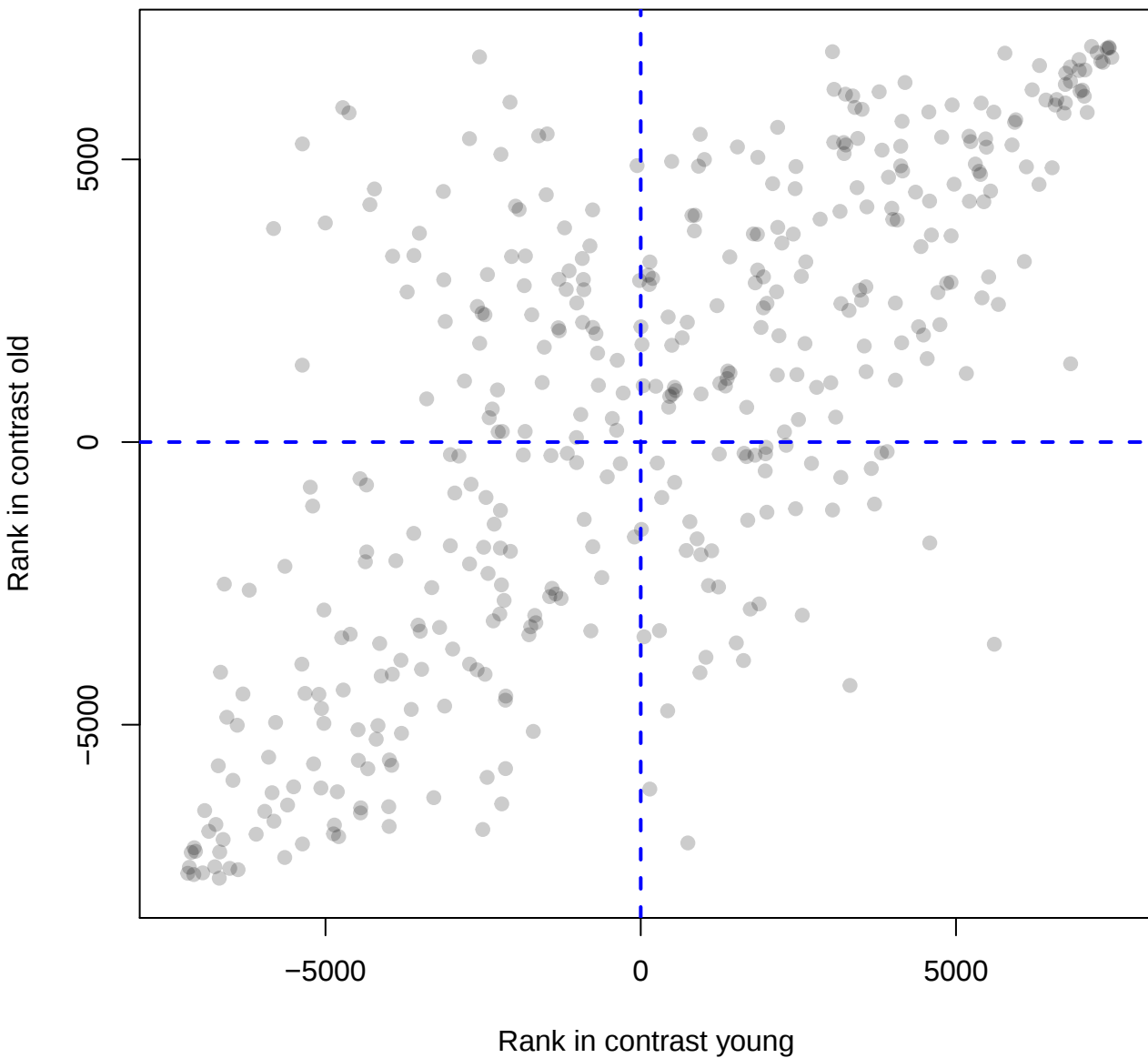
SUV39H1_None_TLymphocyte_82053



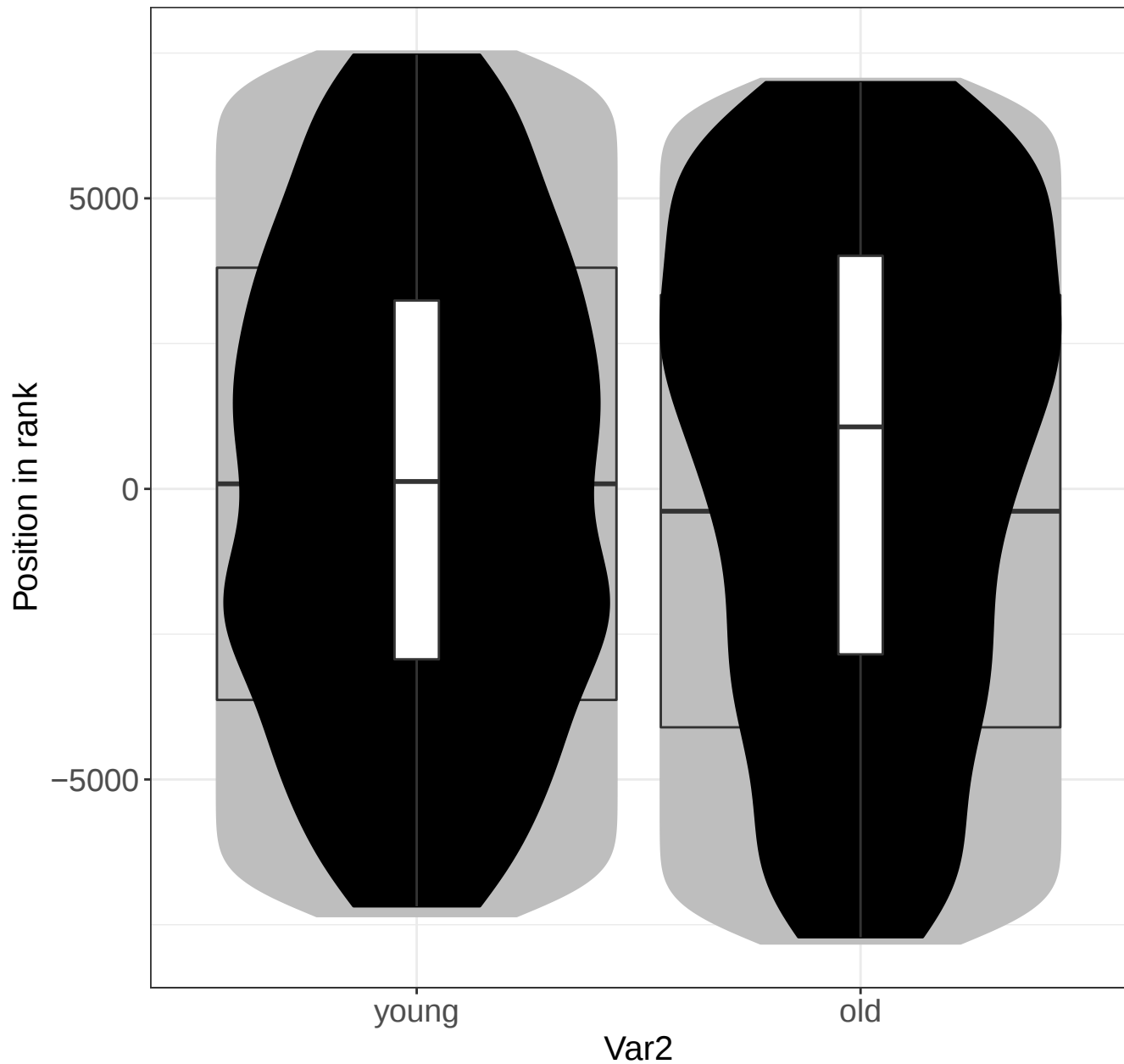
IRF8_None_Macrophage_67867



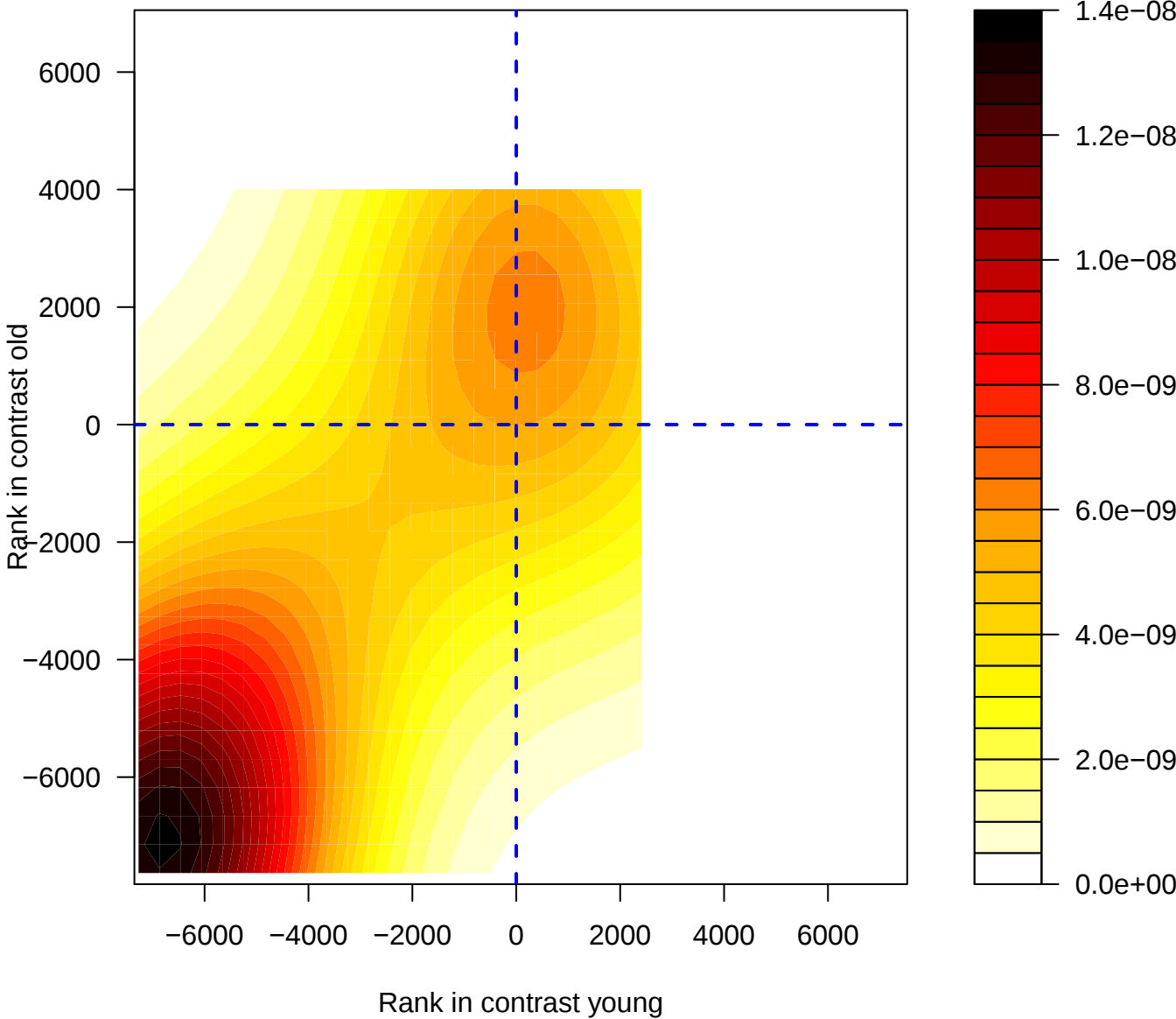
IRF8_None_Macrophage_67867



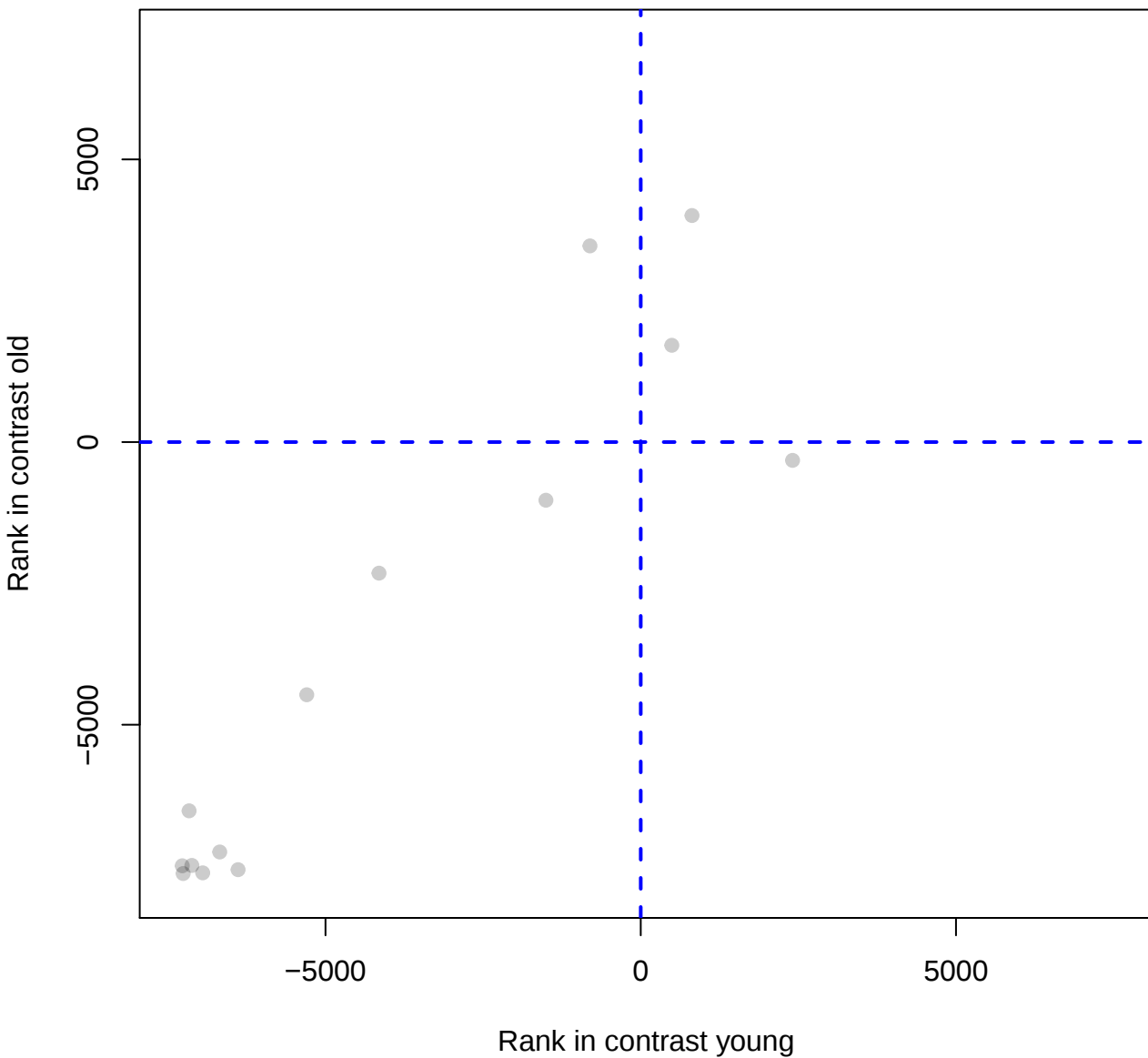
IRF8_None_Macrophage_67867



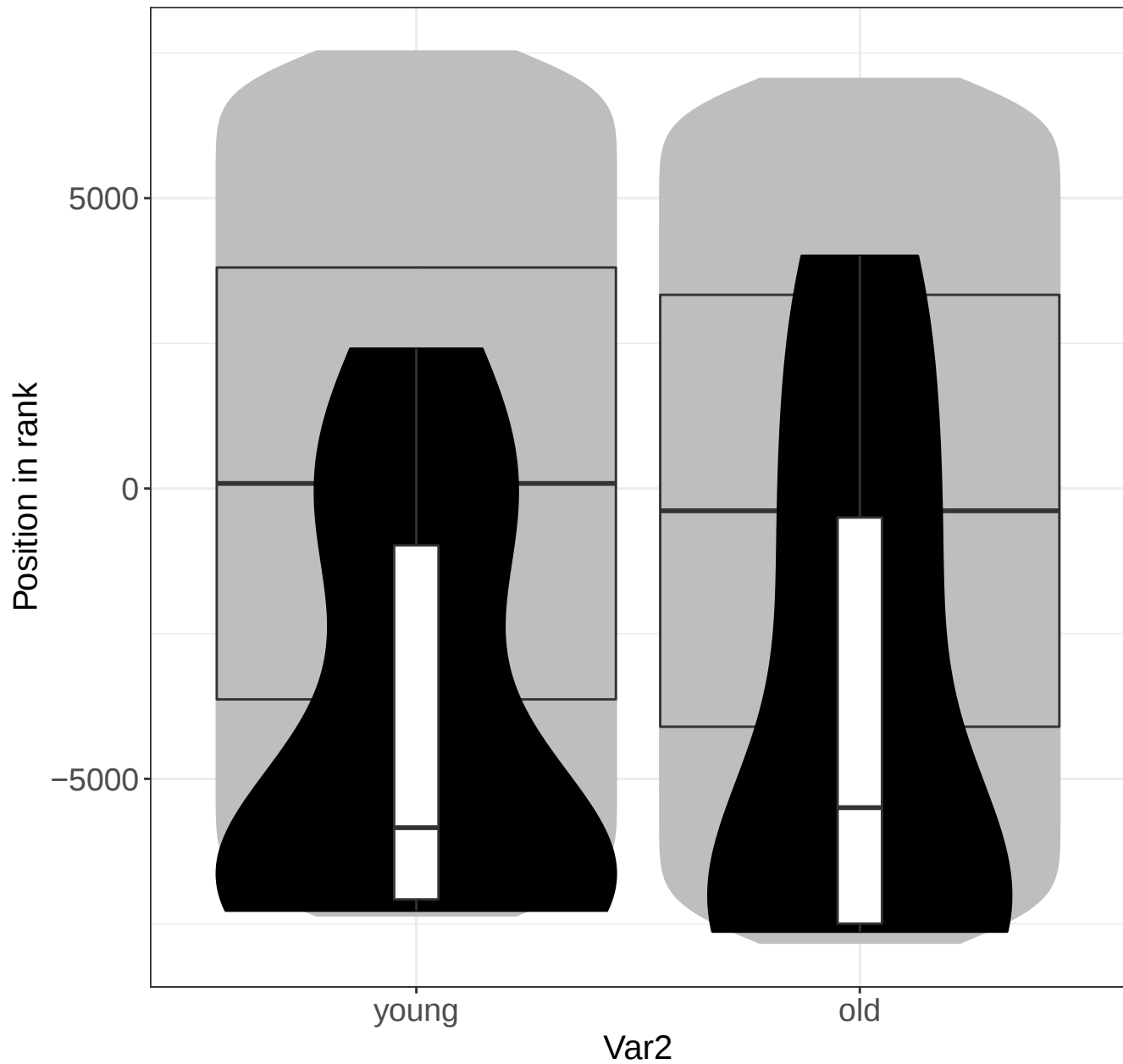
NLRC5_None_TLymphocyte_51240



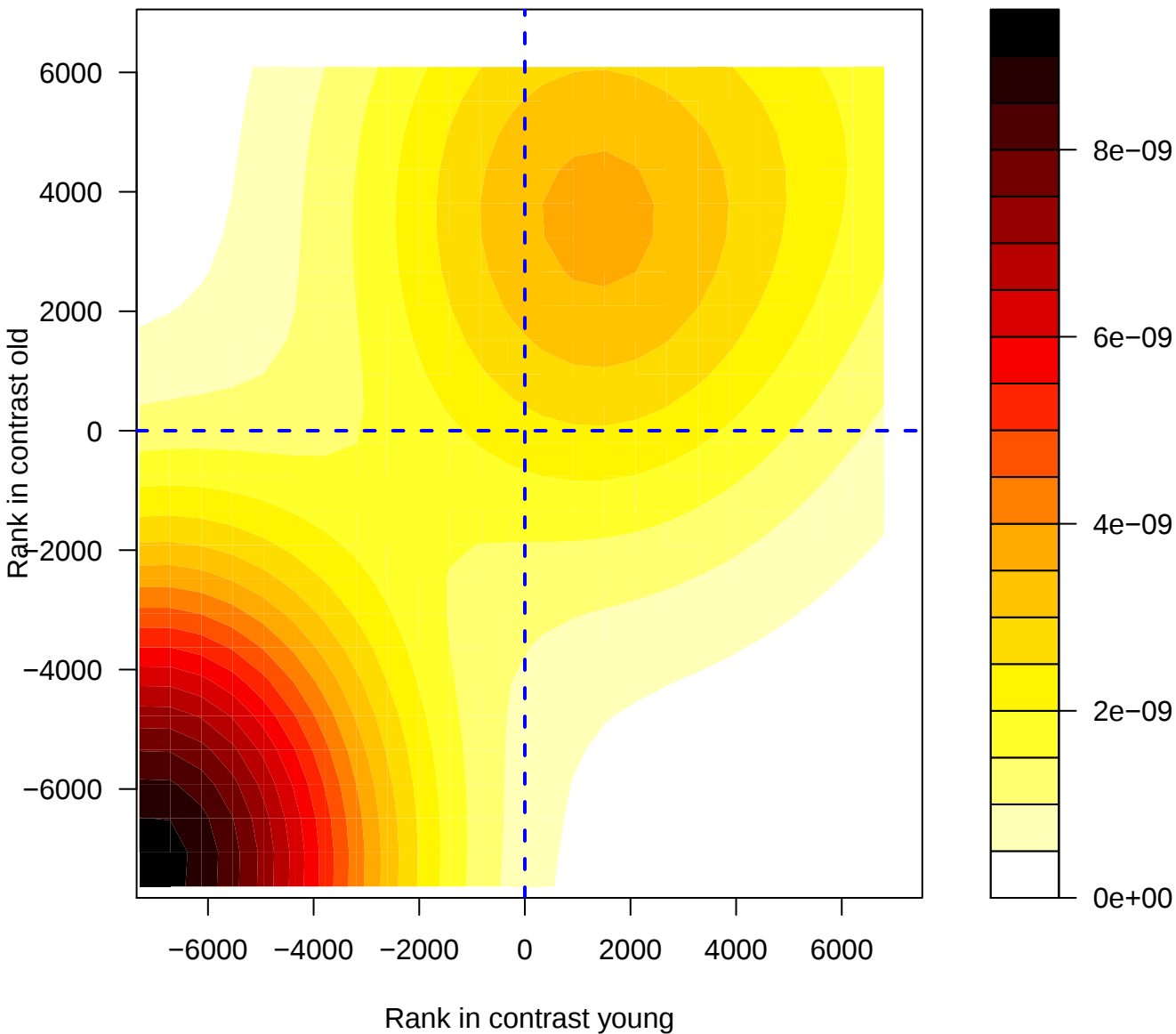
NLRC5_None_TLymphocyte_51240



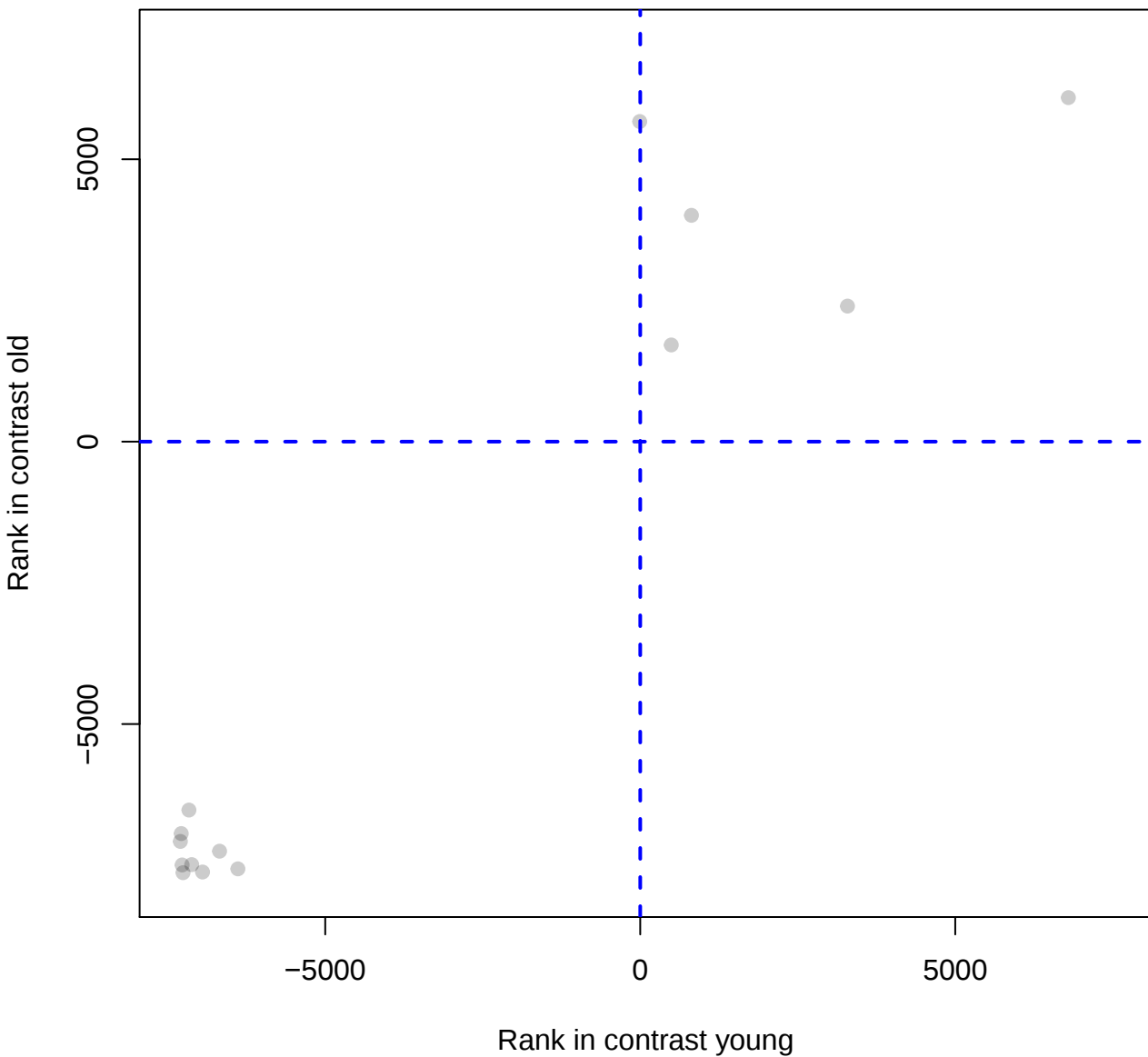
NLRC5_None_TLymphocyte_51240

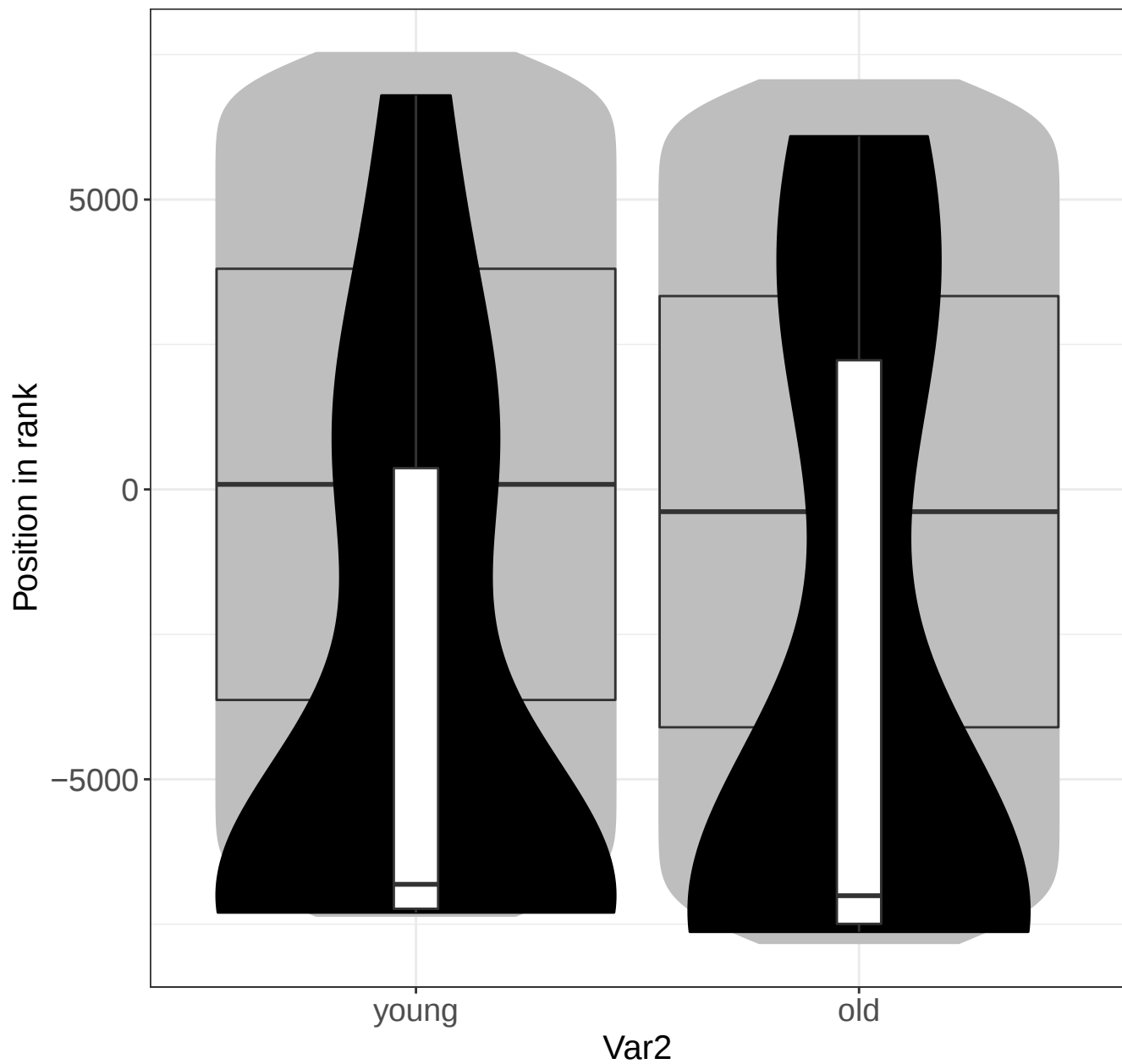


BAZ2A_None_mouseembryoniccelllineE14_76676

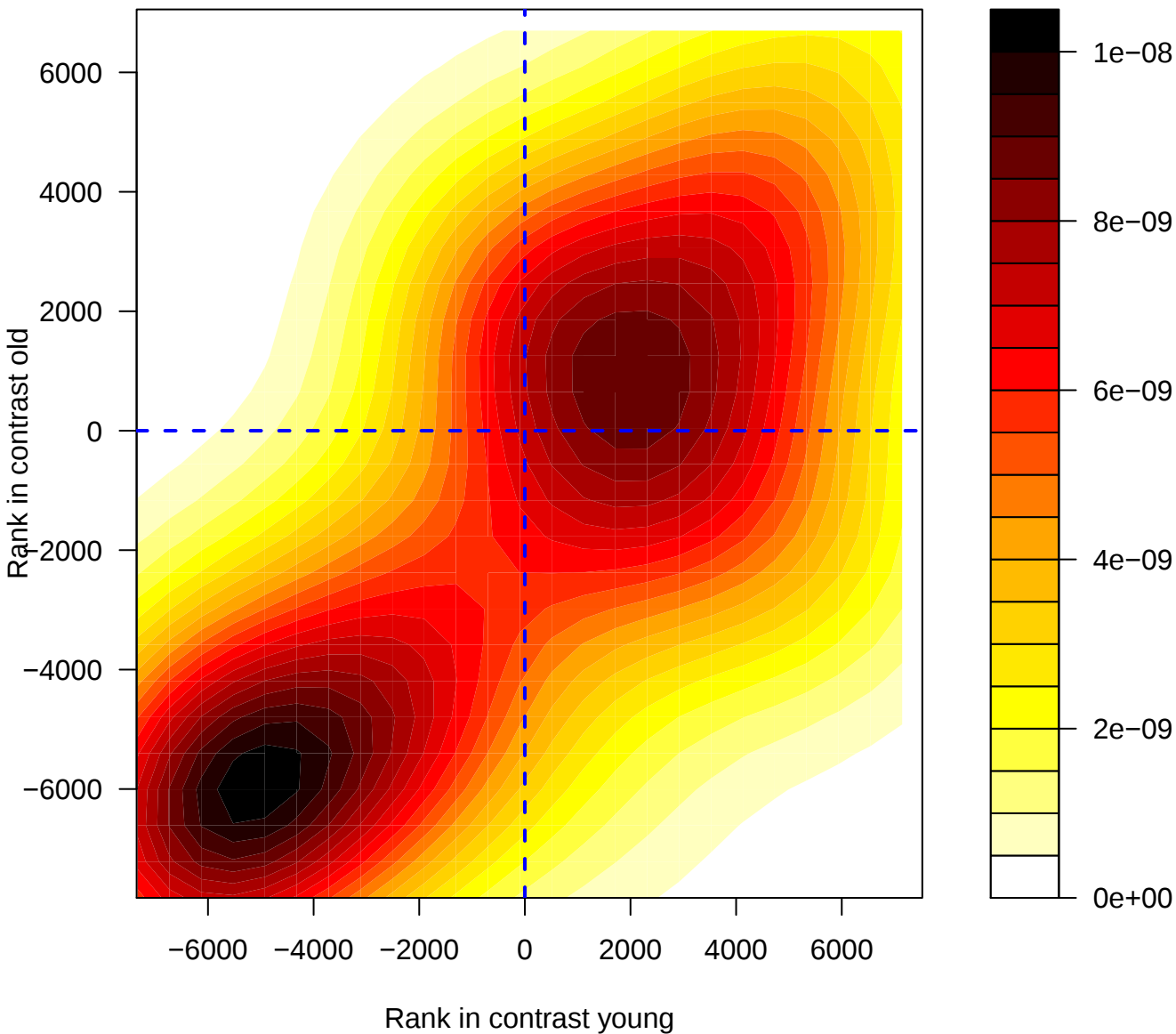


BAZ2A_None_mouseembryoniccelllineE14_76676

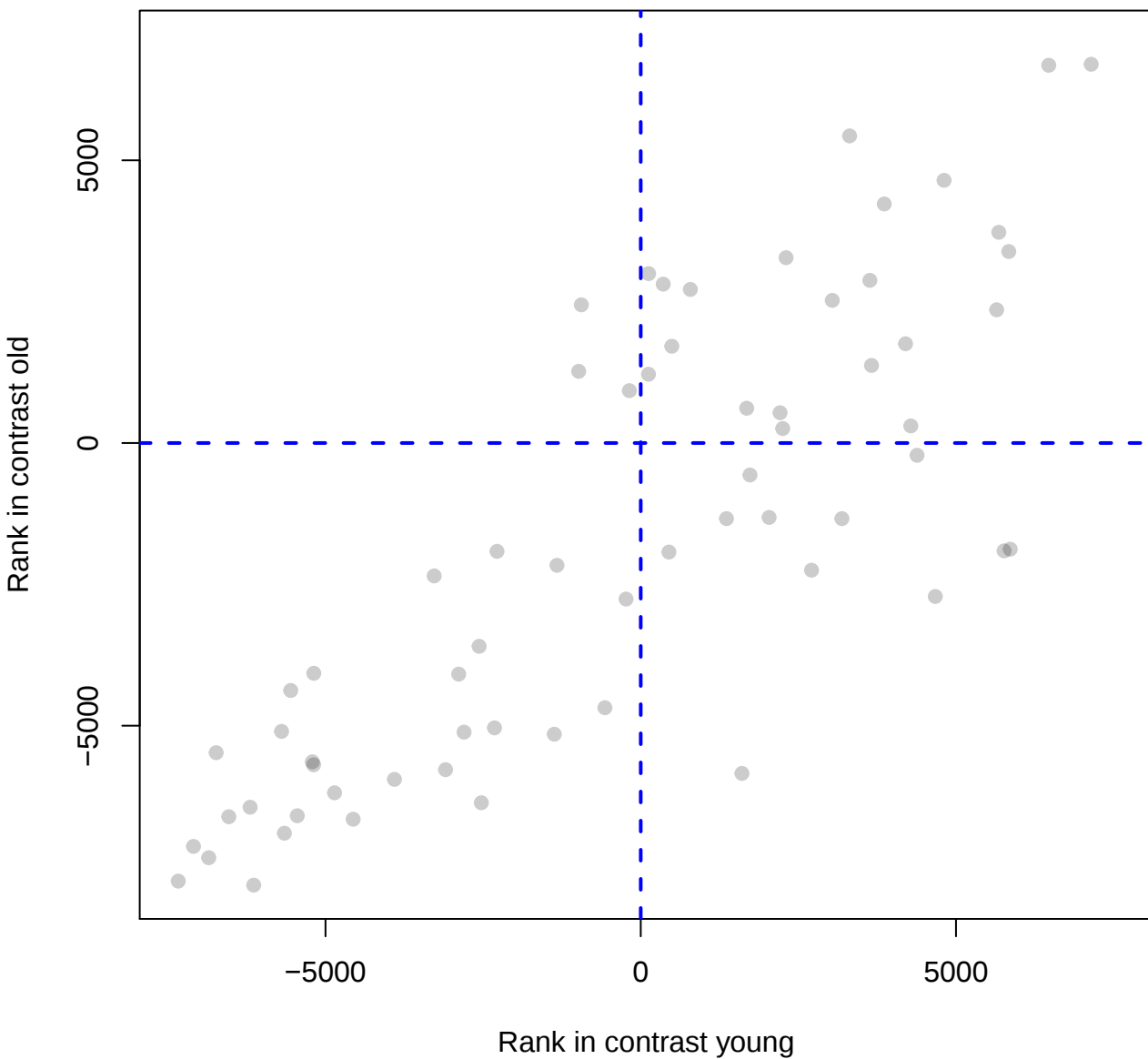




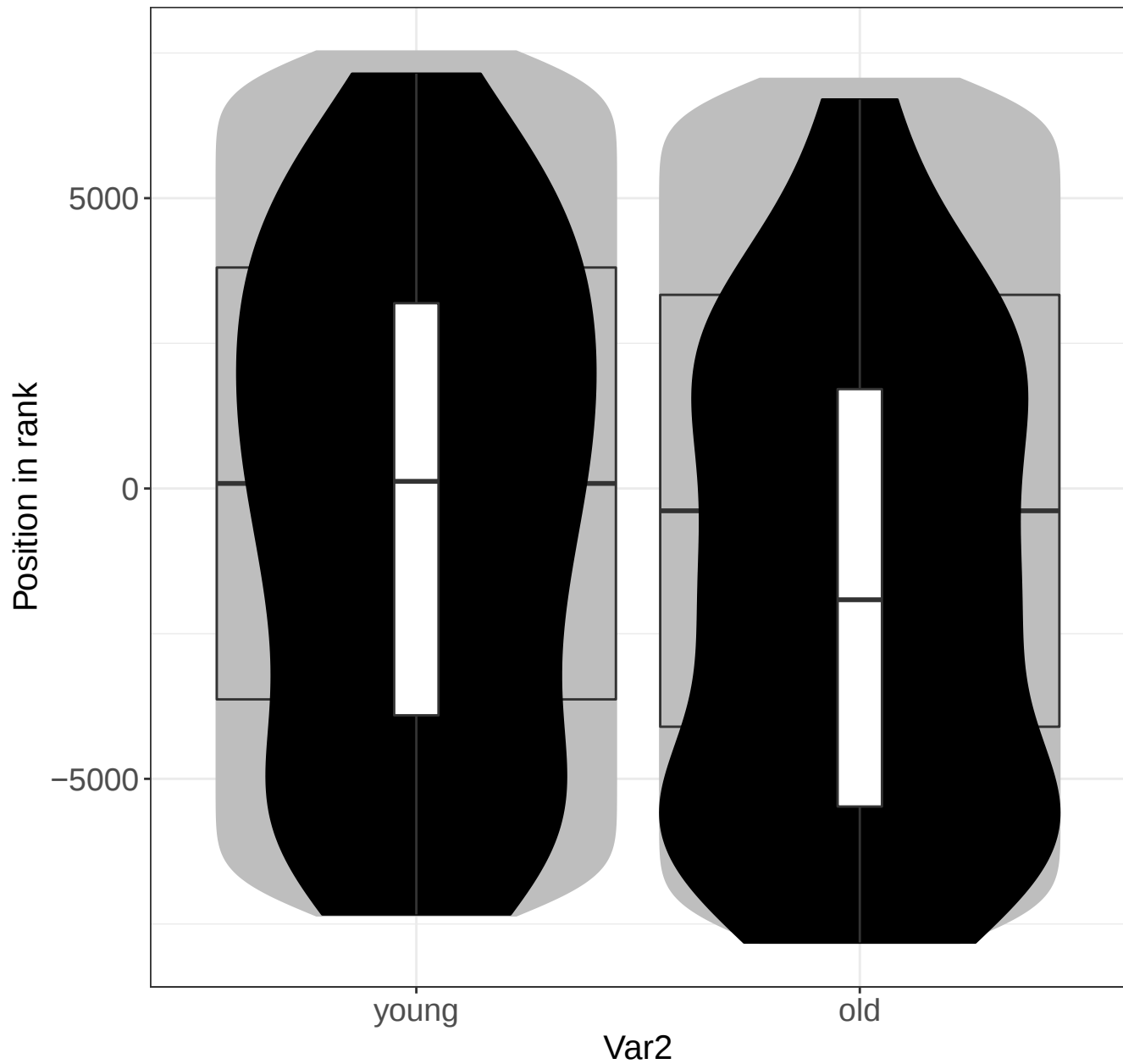
RAG1_None_Thymocyte_55523



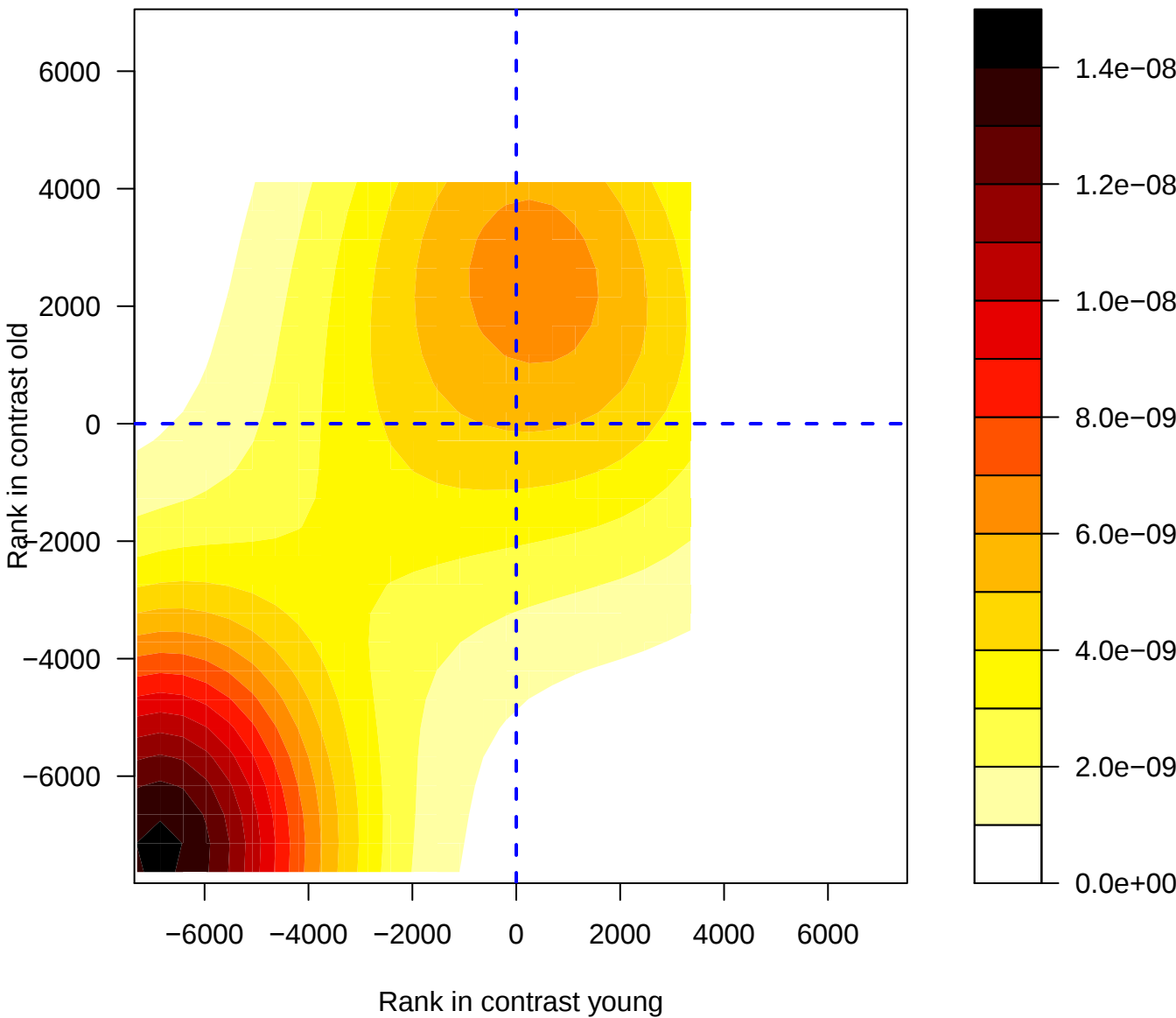
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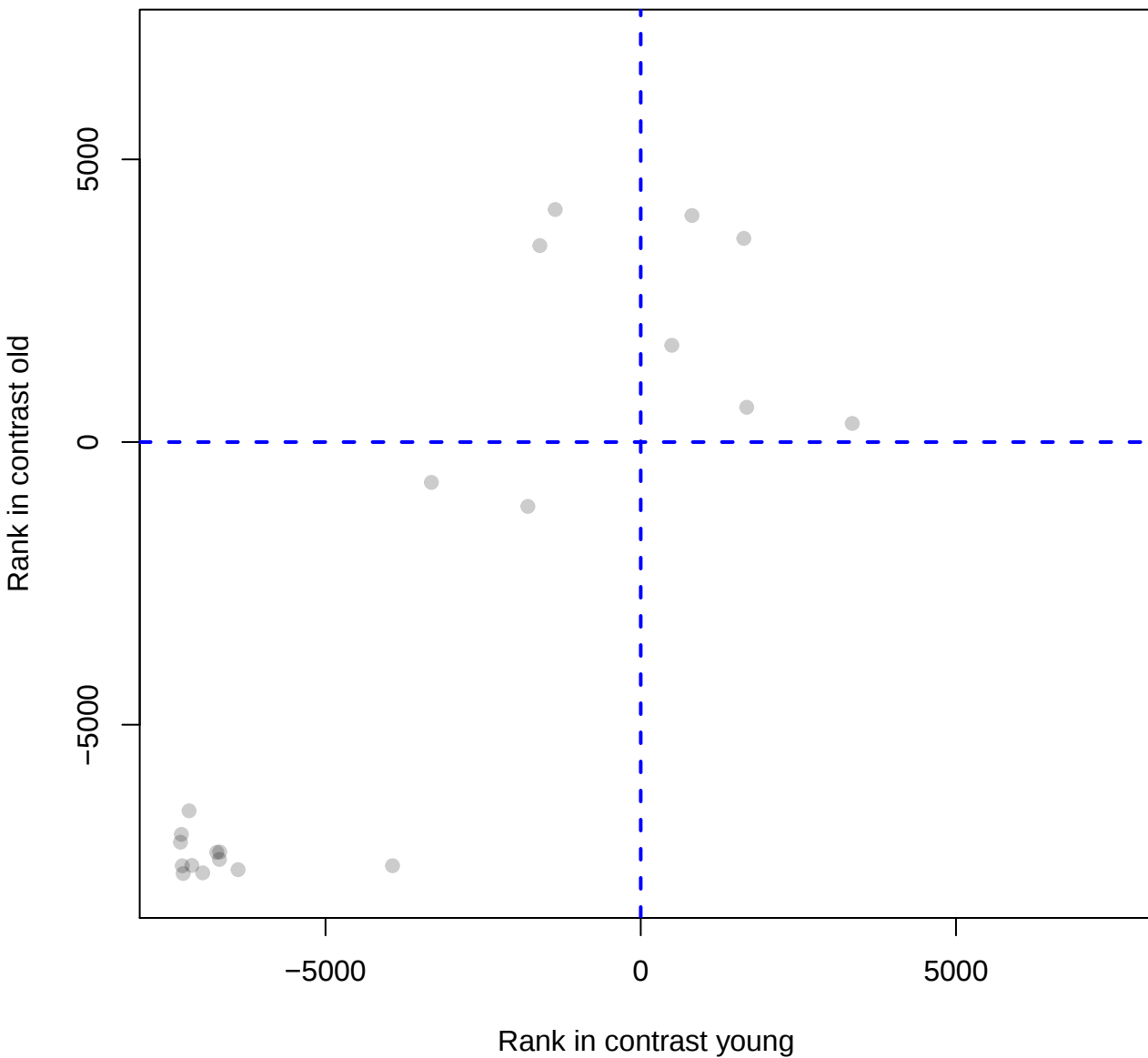
RAG1_None_Thymocyte_55523



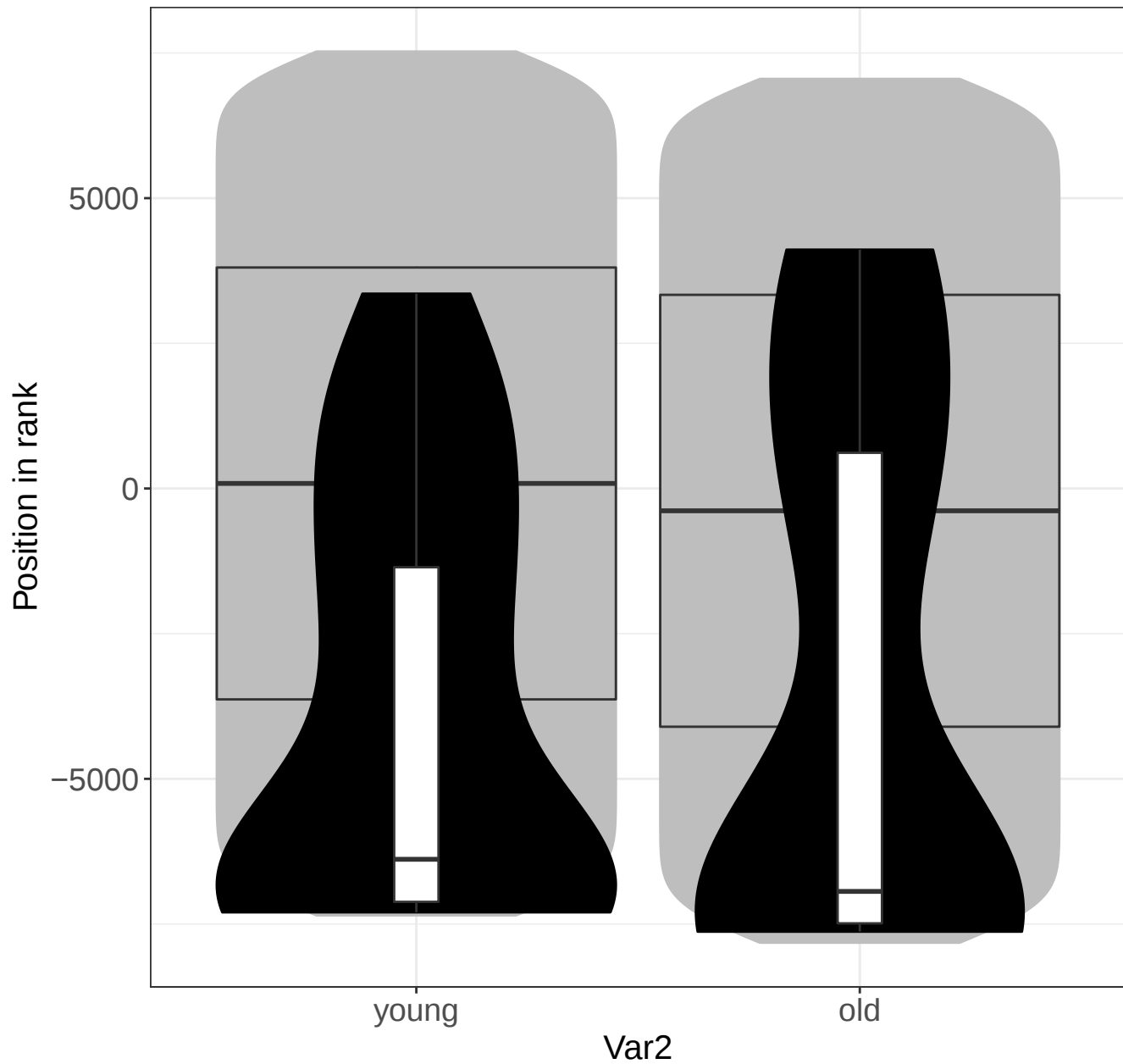
AR_None_None_54399



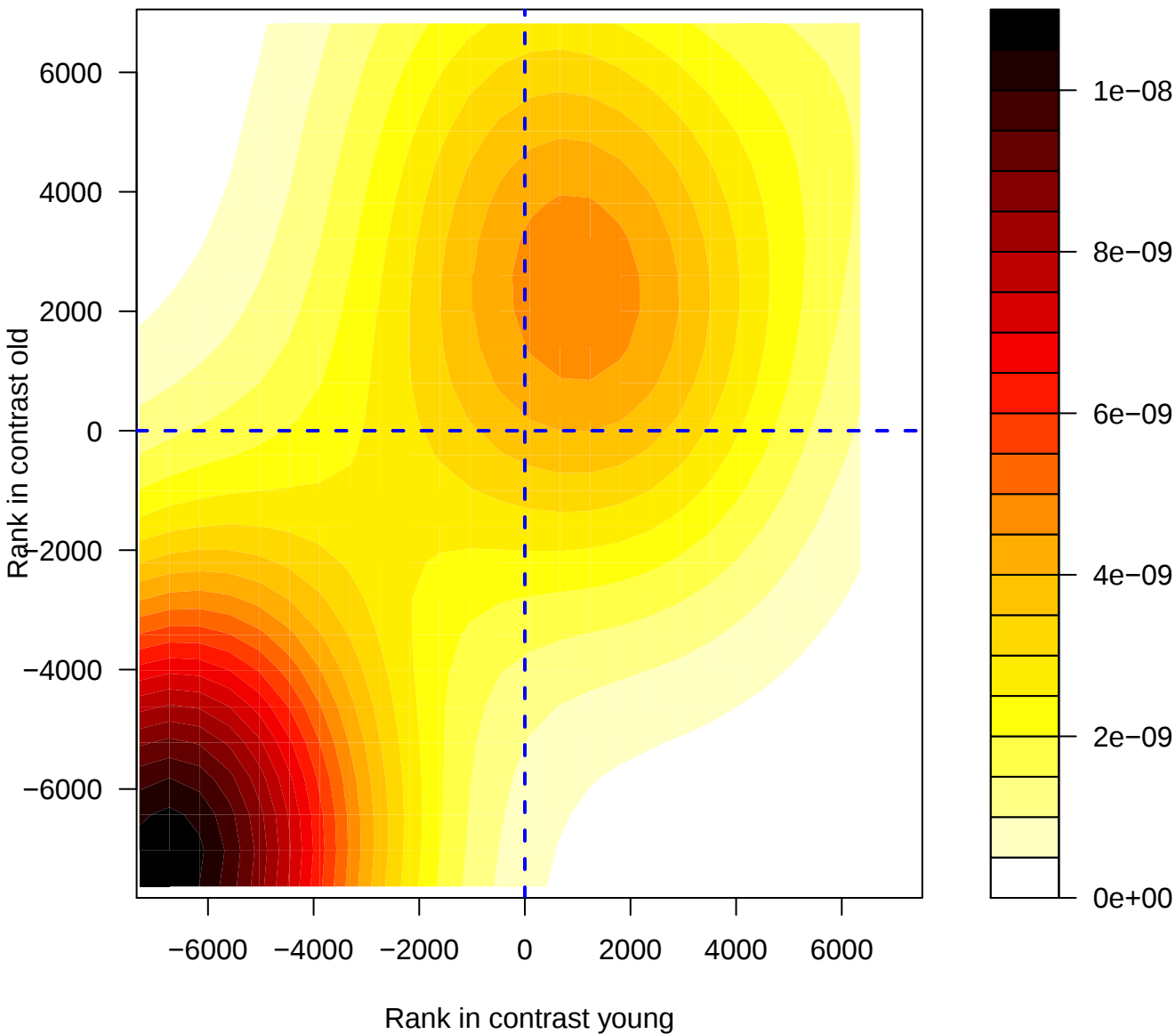
AR_None_None_54399



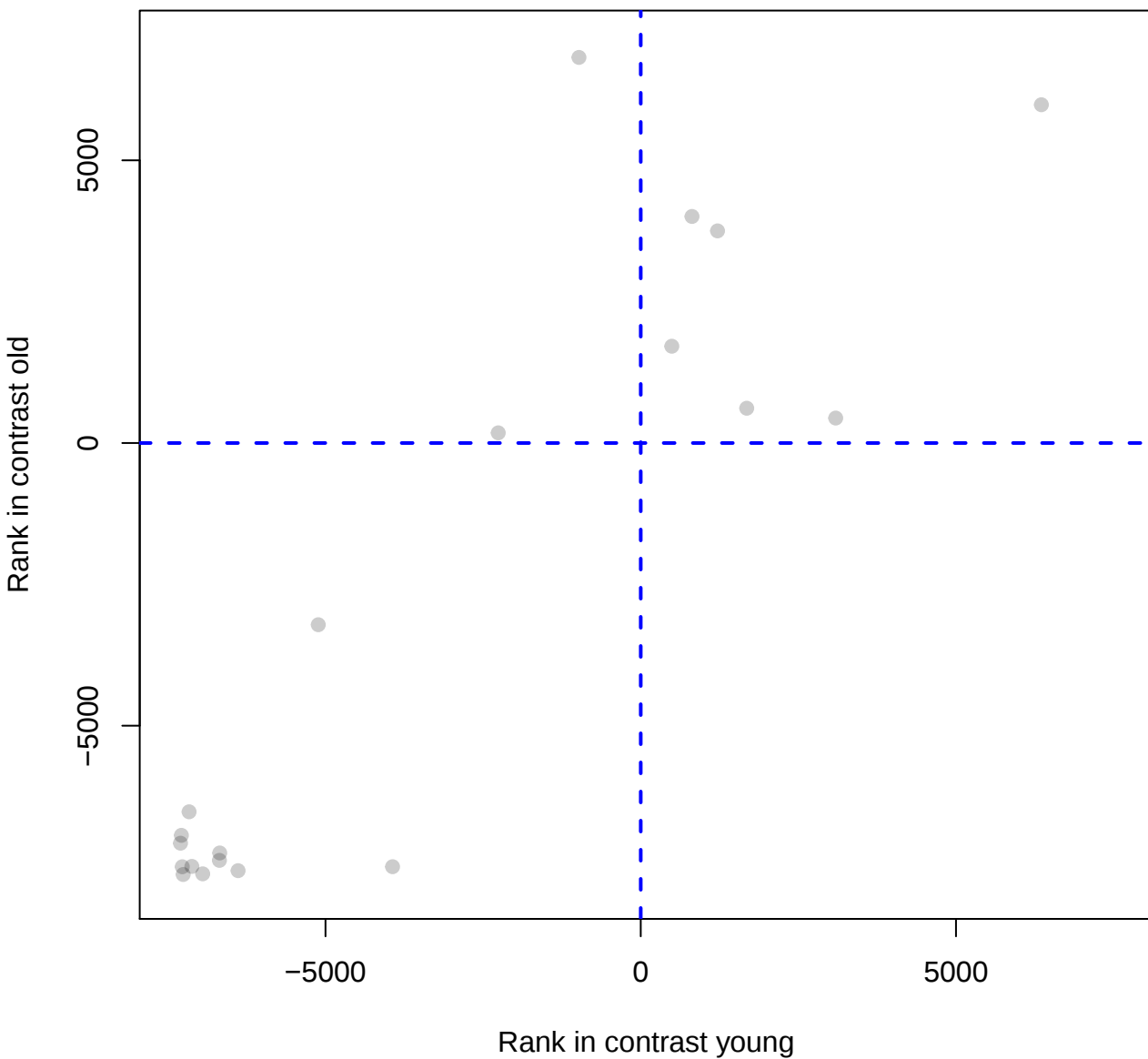
AR_None_None_54399



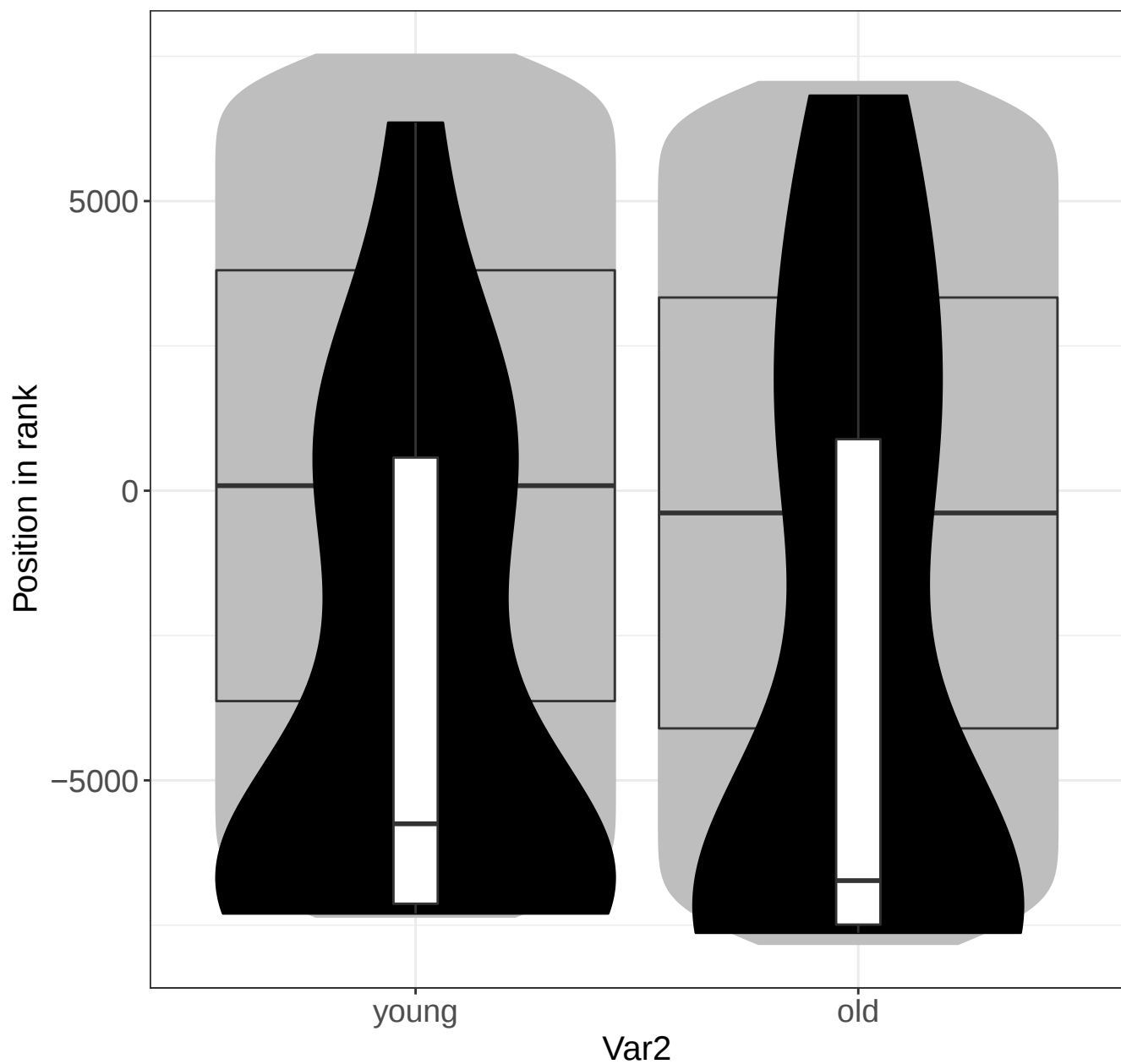
JARID2_None_EmbryonicStemCell_51022



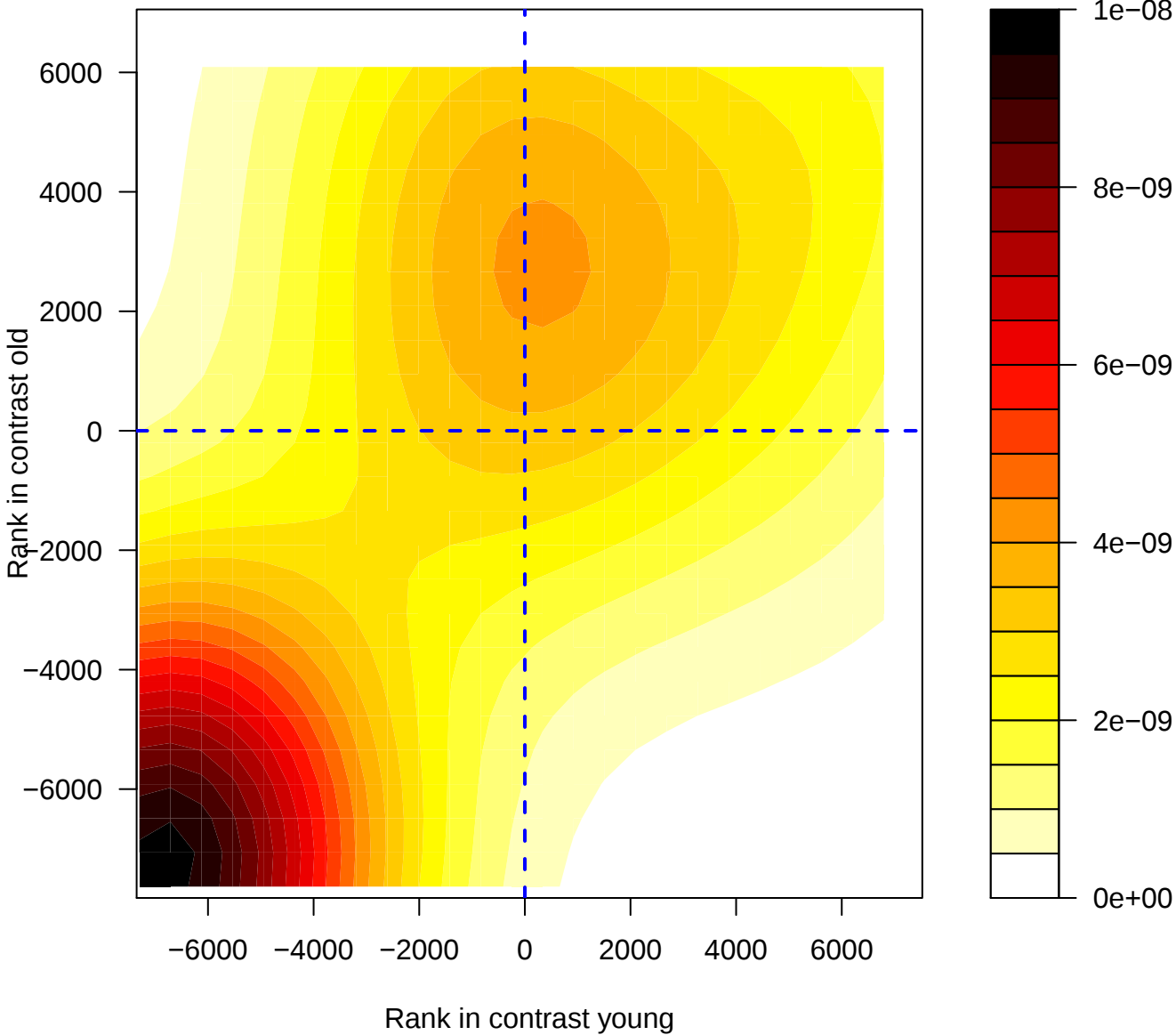
JARID2_None_EmbryonicStemCell_51022



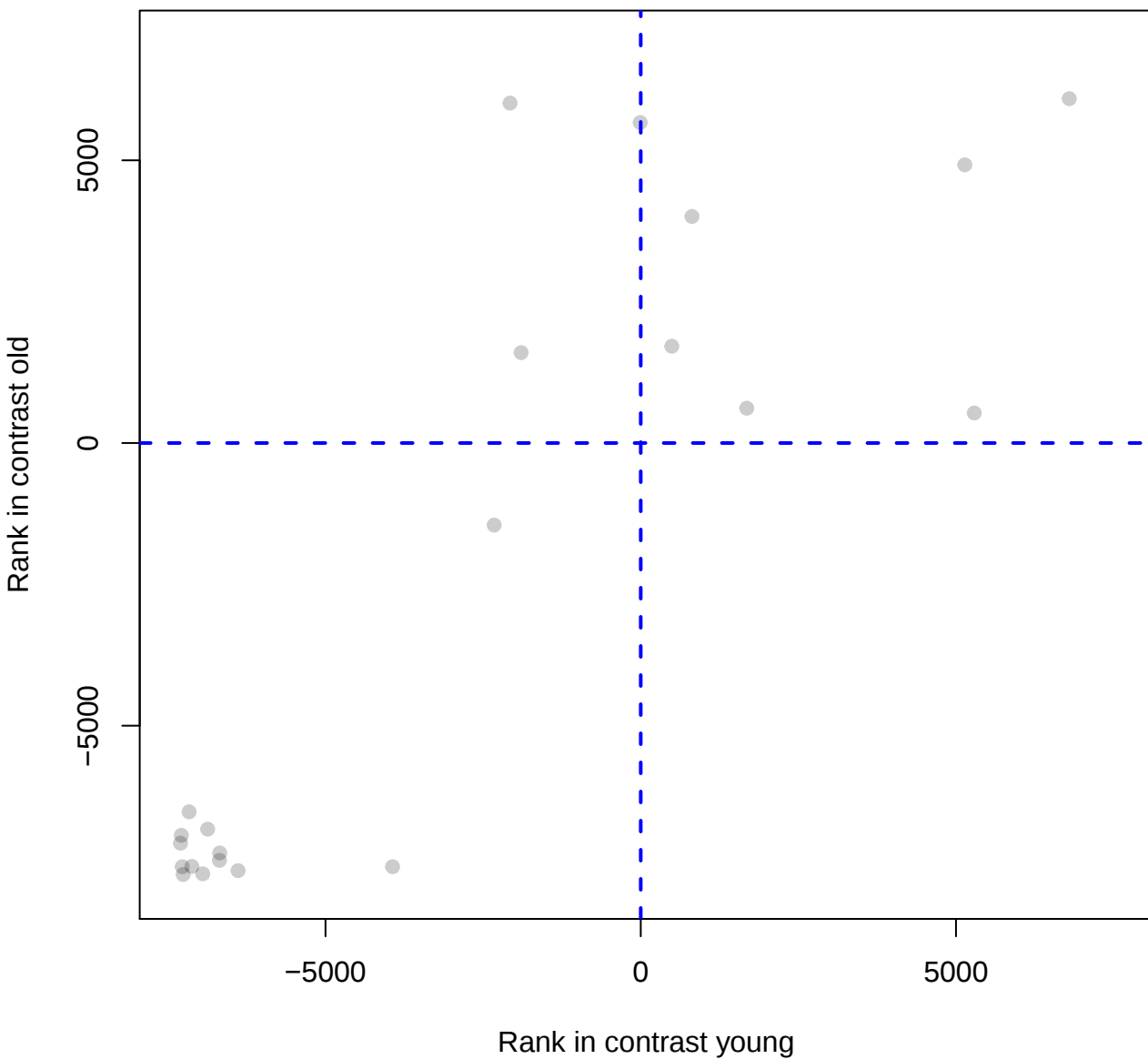
JARID2_None_EmbryonicStemCell_51022



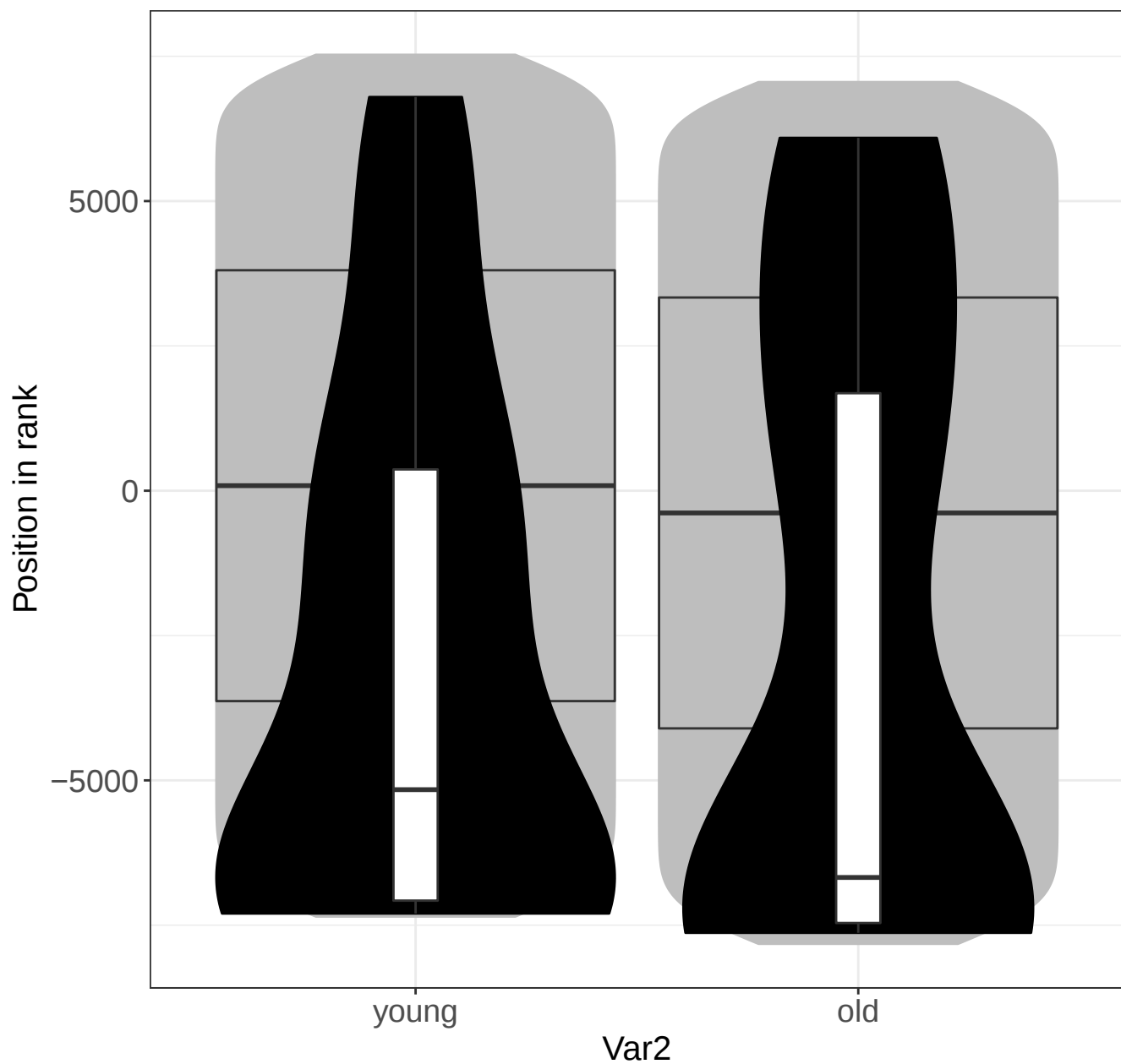
NBN_None_BLymphocyte_55330



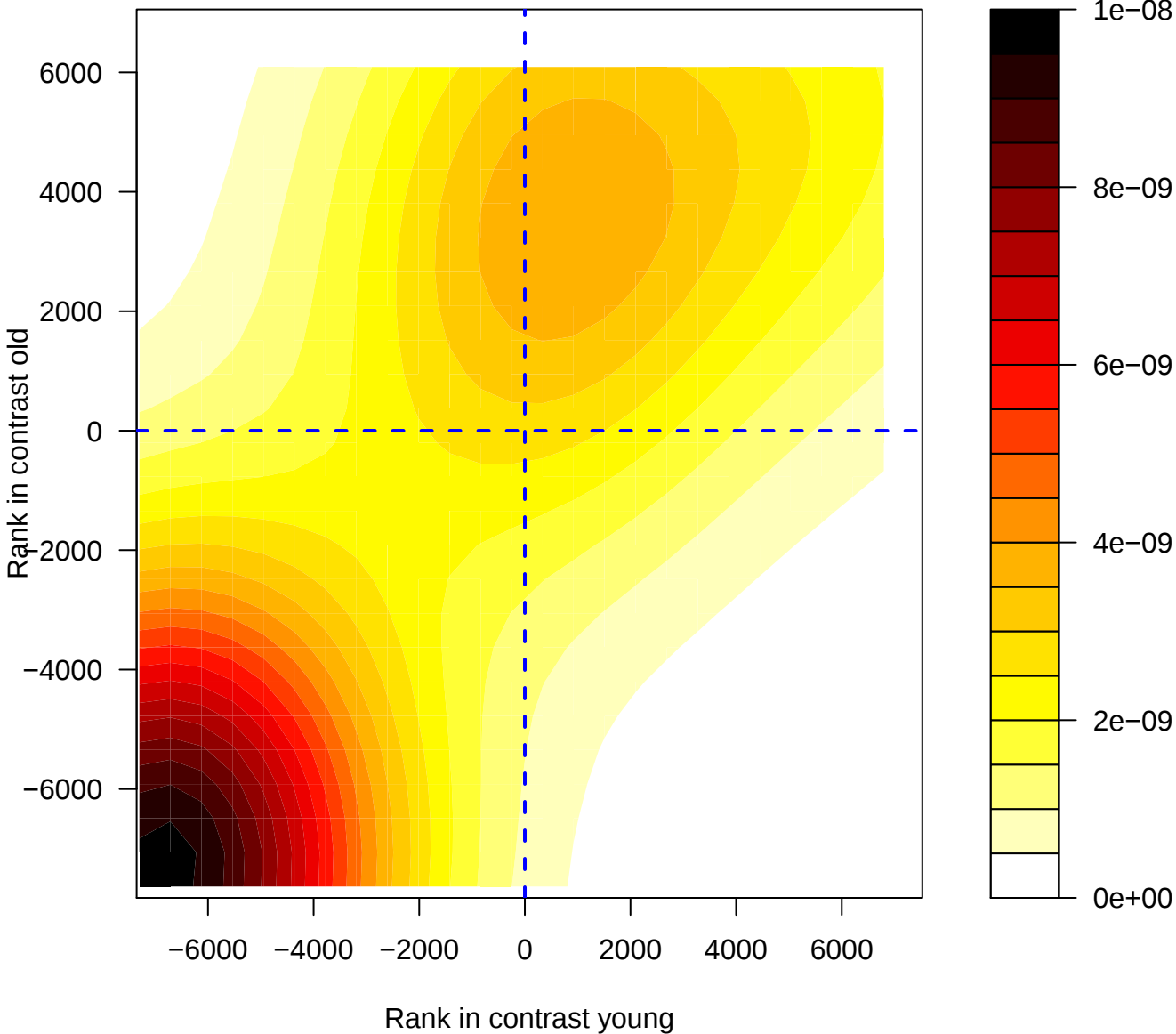
NBN_None_BLymphocyte_55330



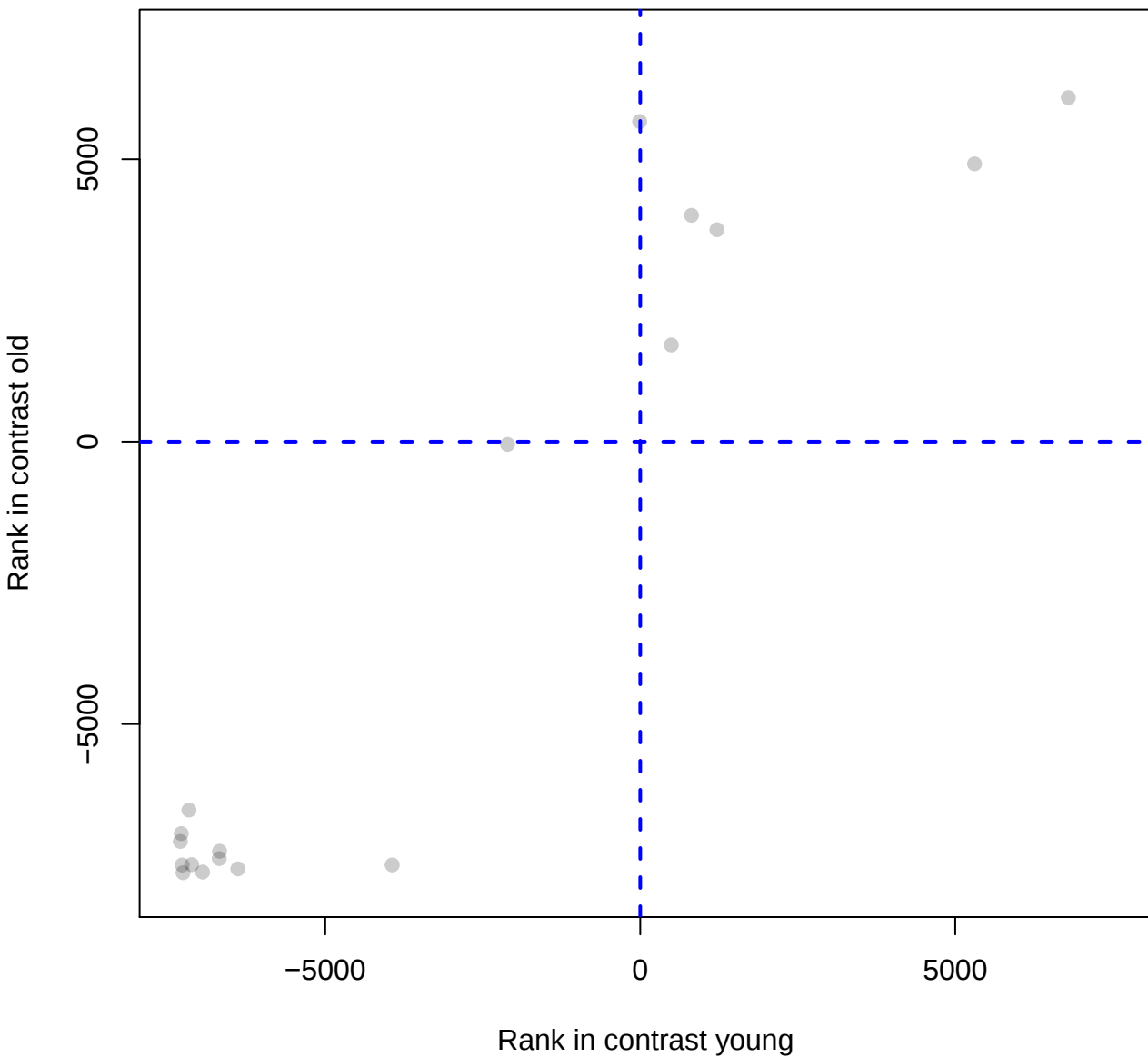
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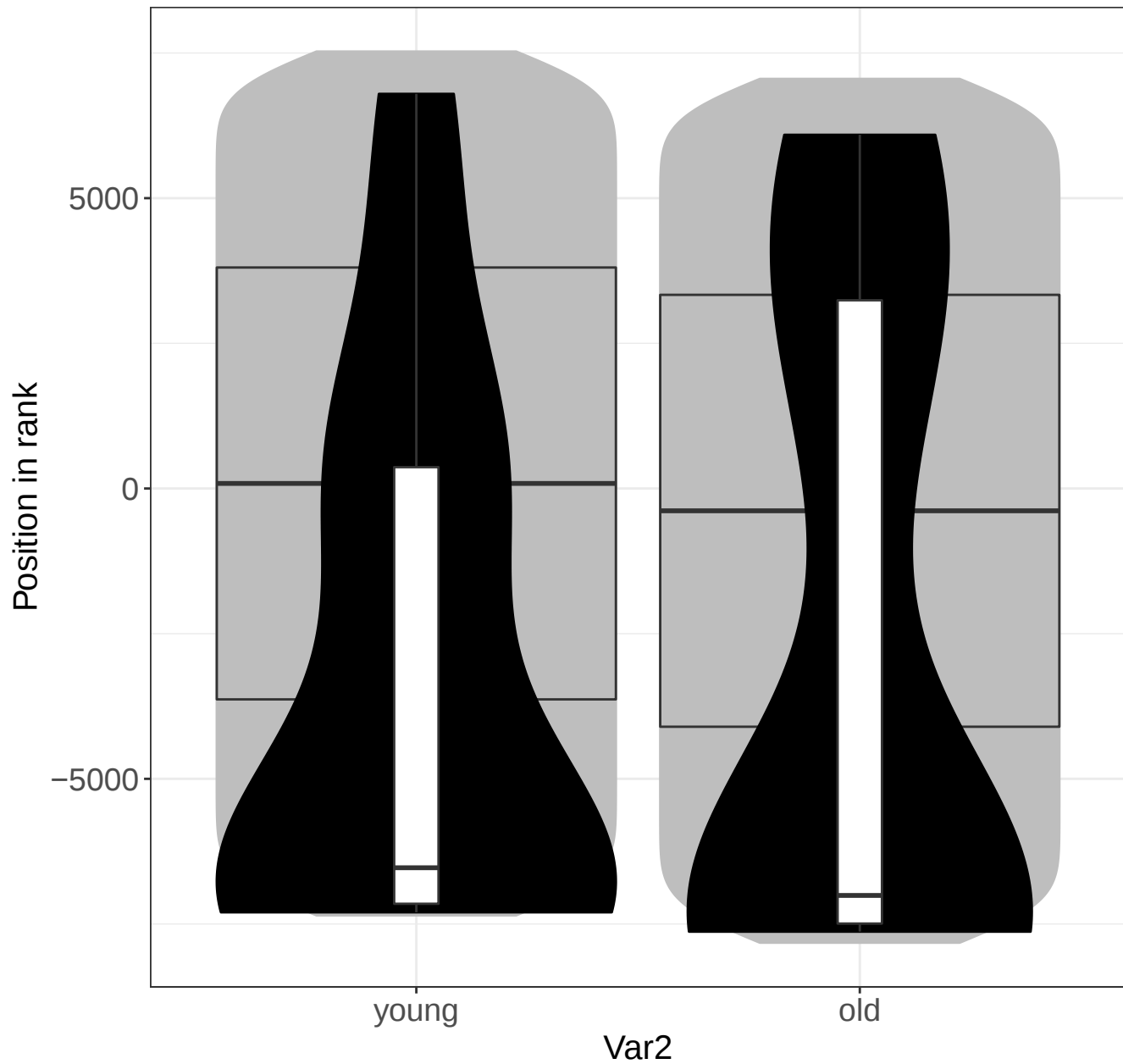
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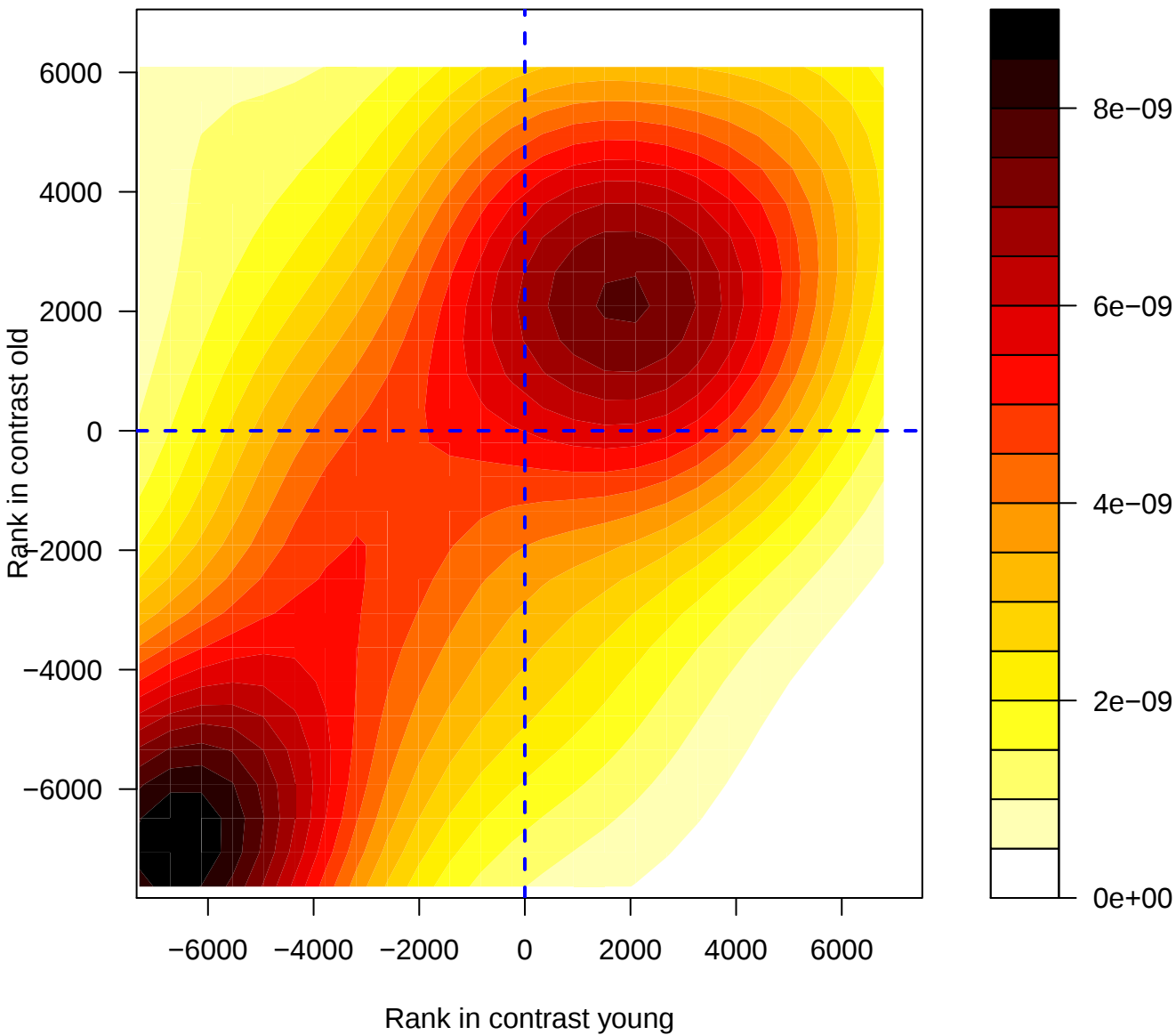
KDM5C_None_None_85650



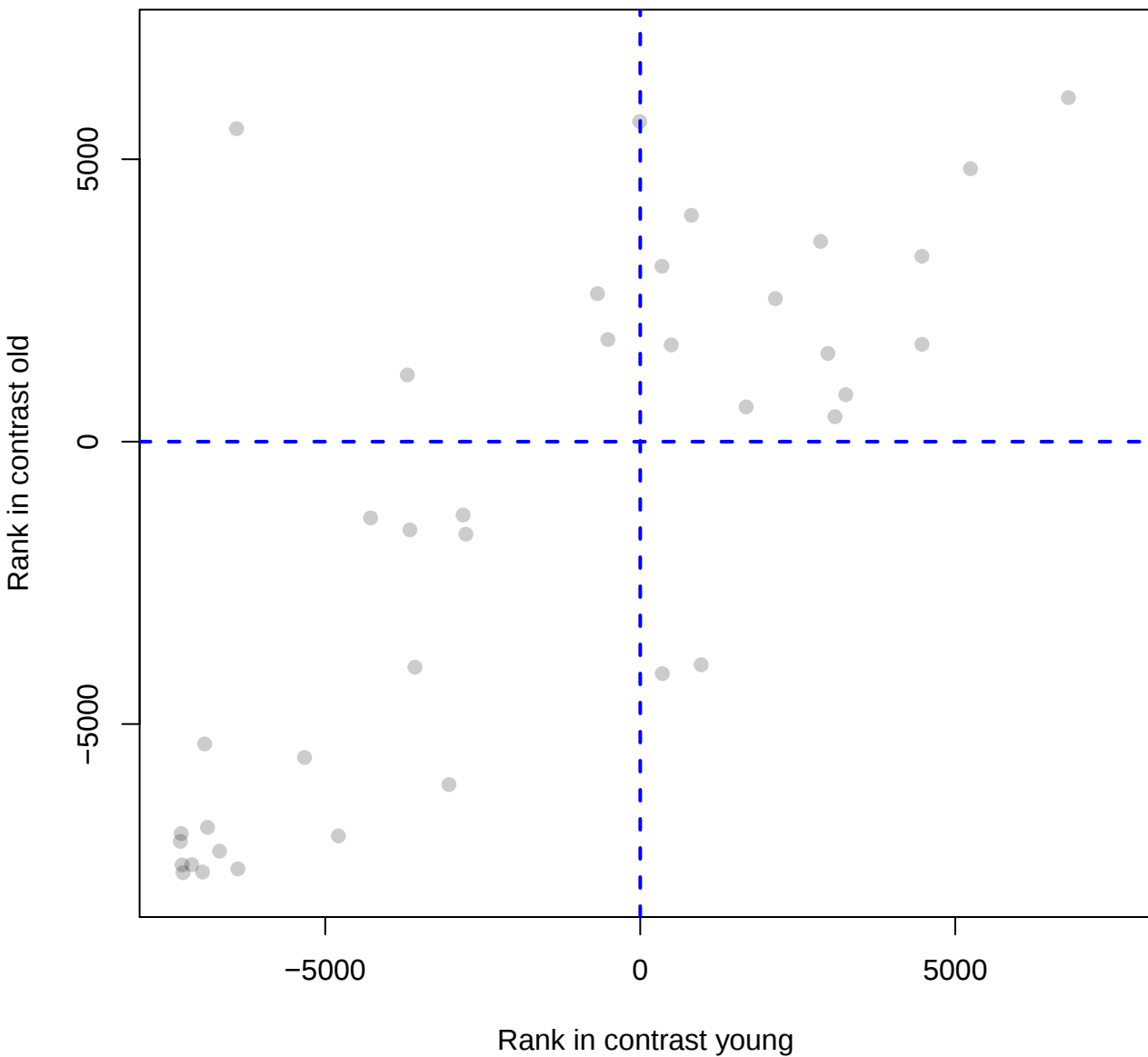
KDM5C_None_None_85650



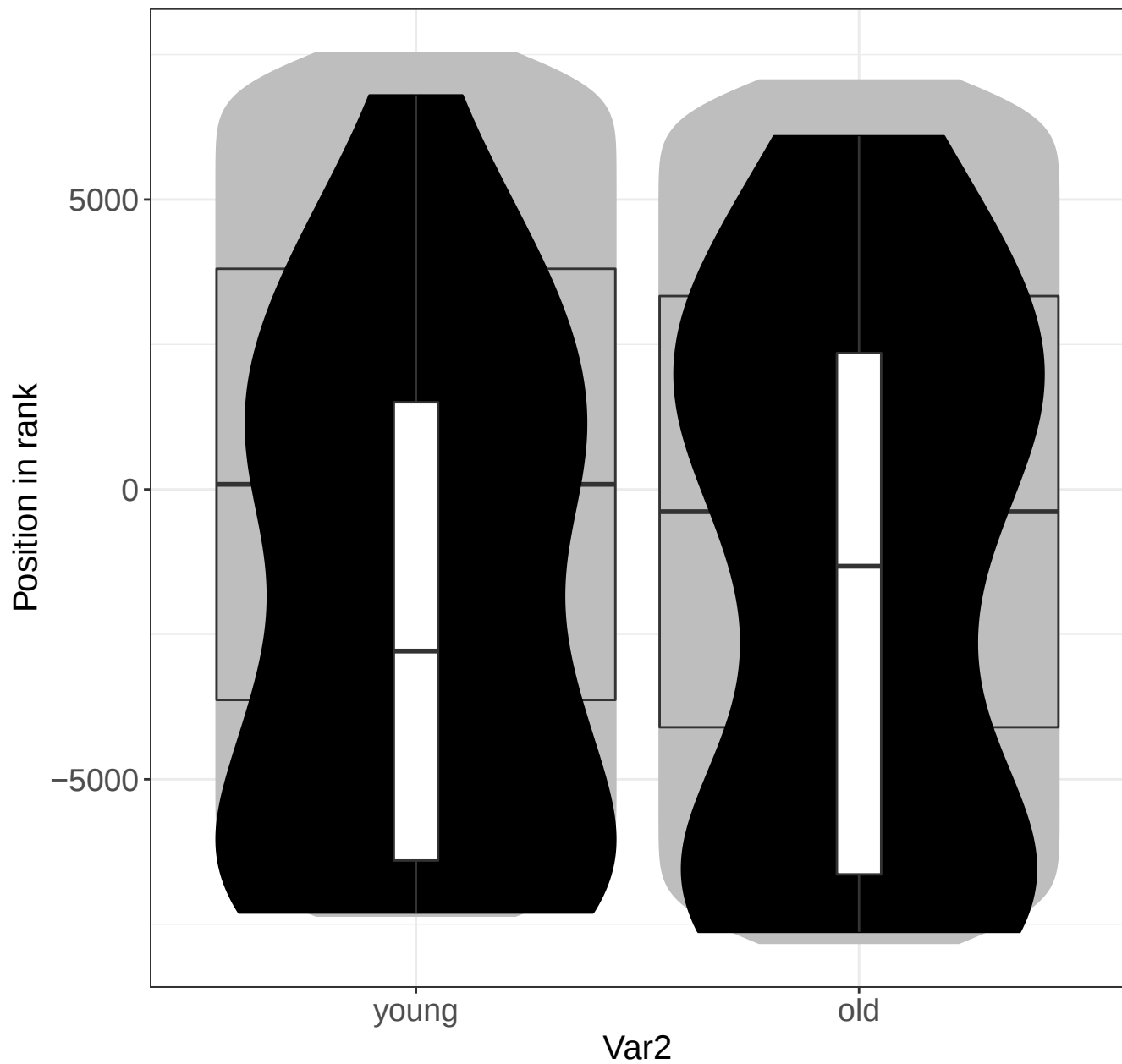
HIST1H1D_None_EmbryonicStemCell_34090



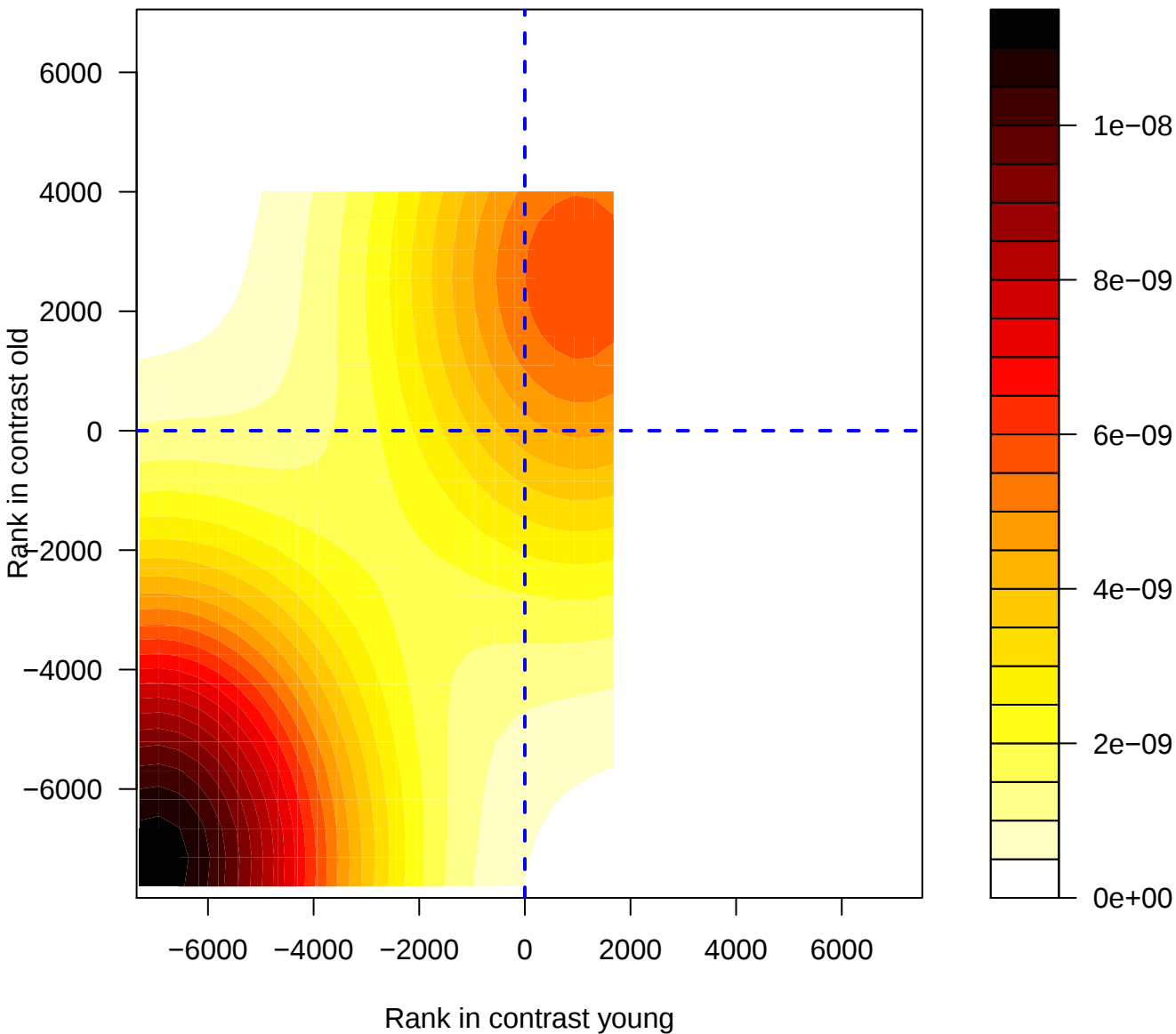
HIST1H1D_None_EmbryonicStemCell_34090



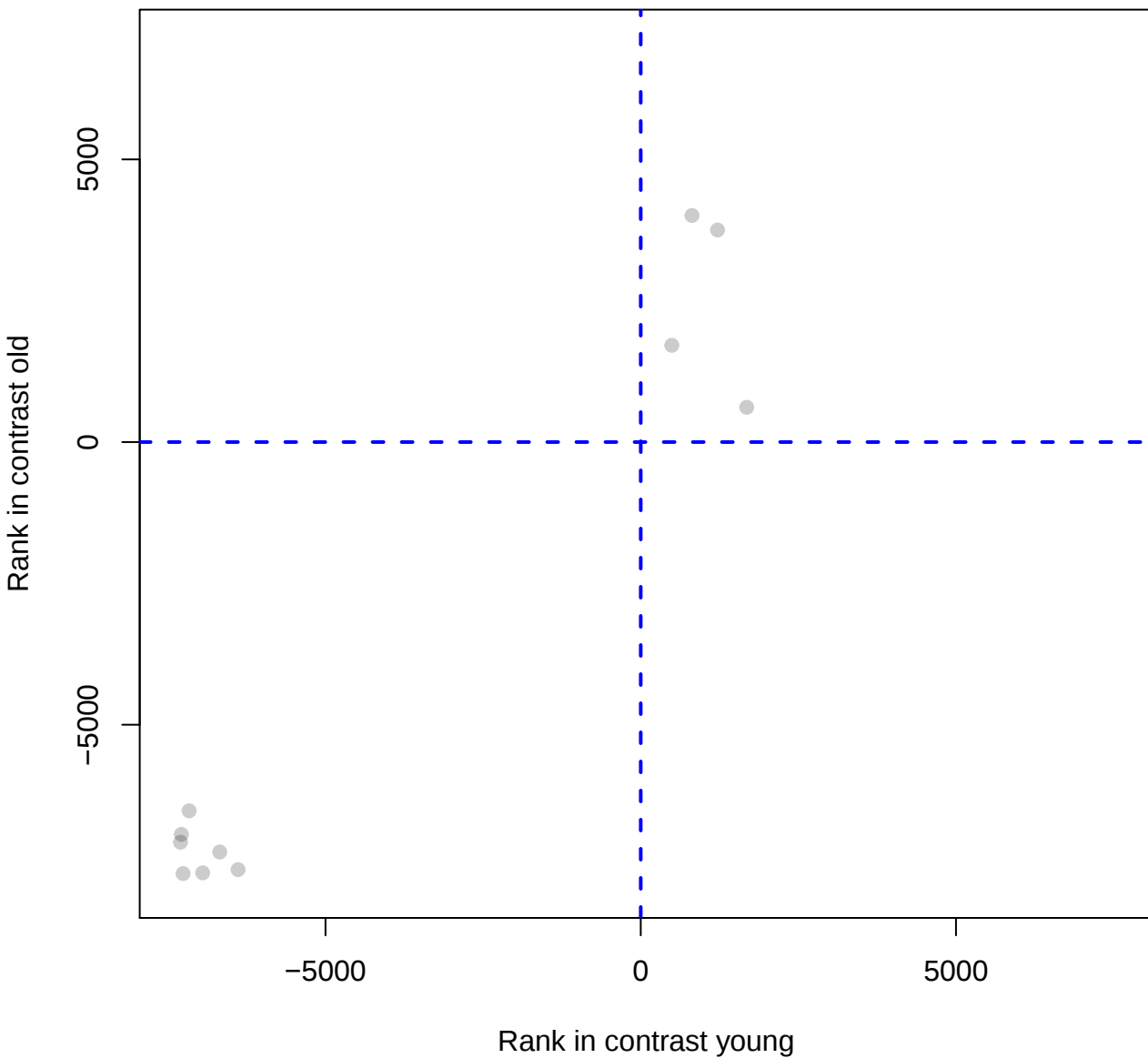
HIST1H1D_None_EmbryonicStemCell_34090



ACSS2_CAD_UndifferentiatedCell_75810



ACSS2_CAD_UndifferentiatedCell_75810



ACSS2_CAD_UndifferentiatedCell_75810

