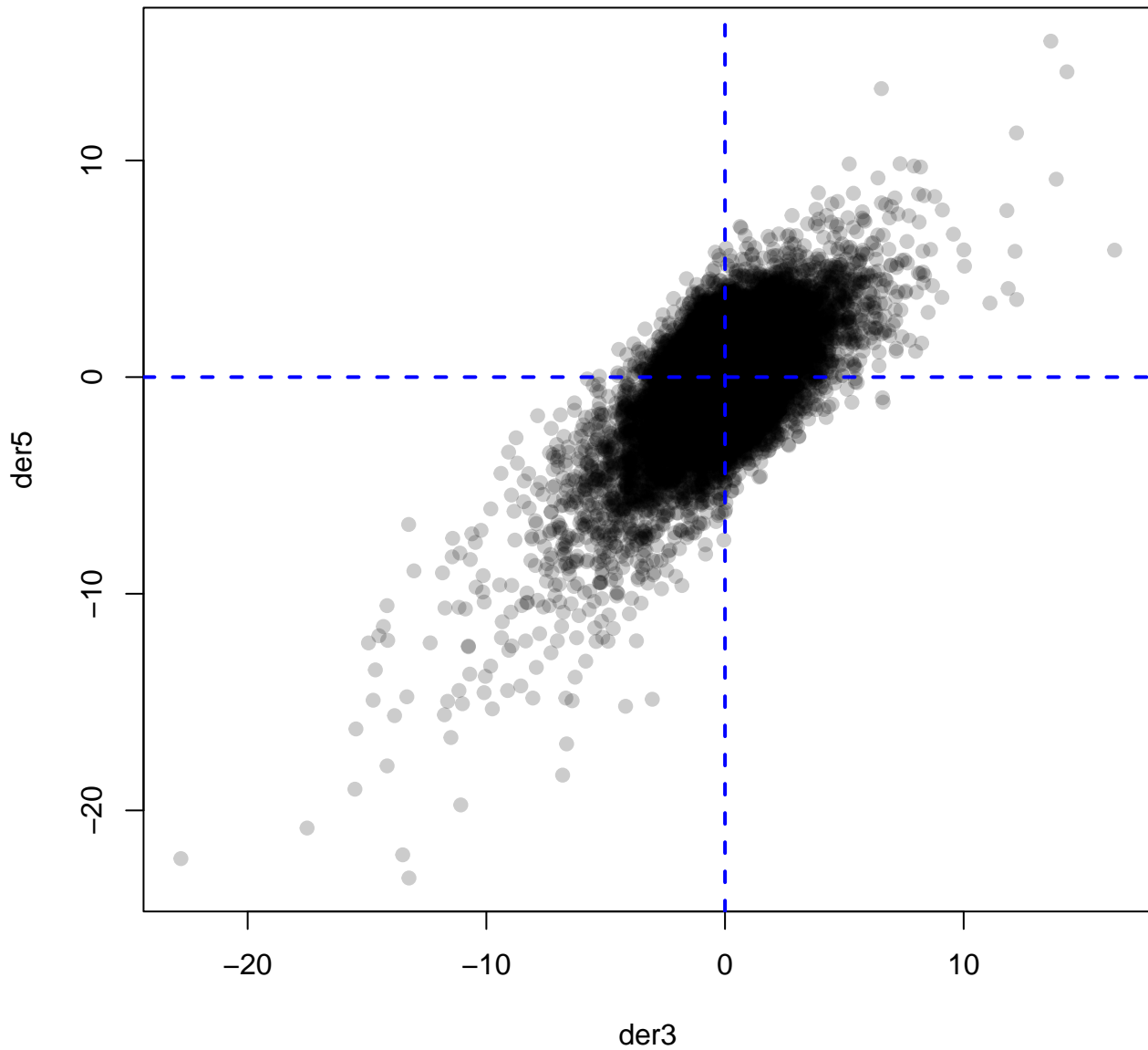
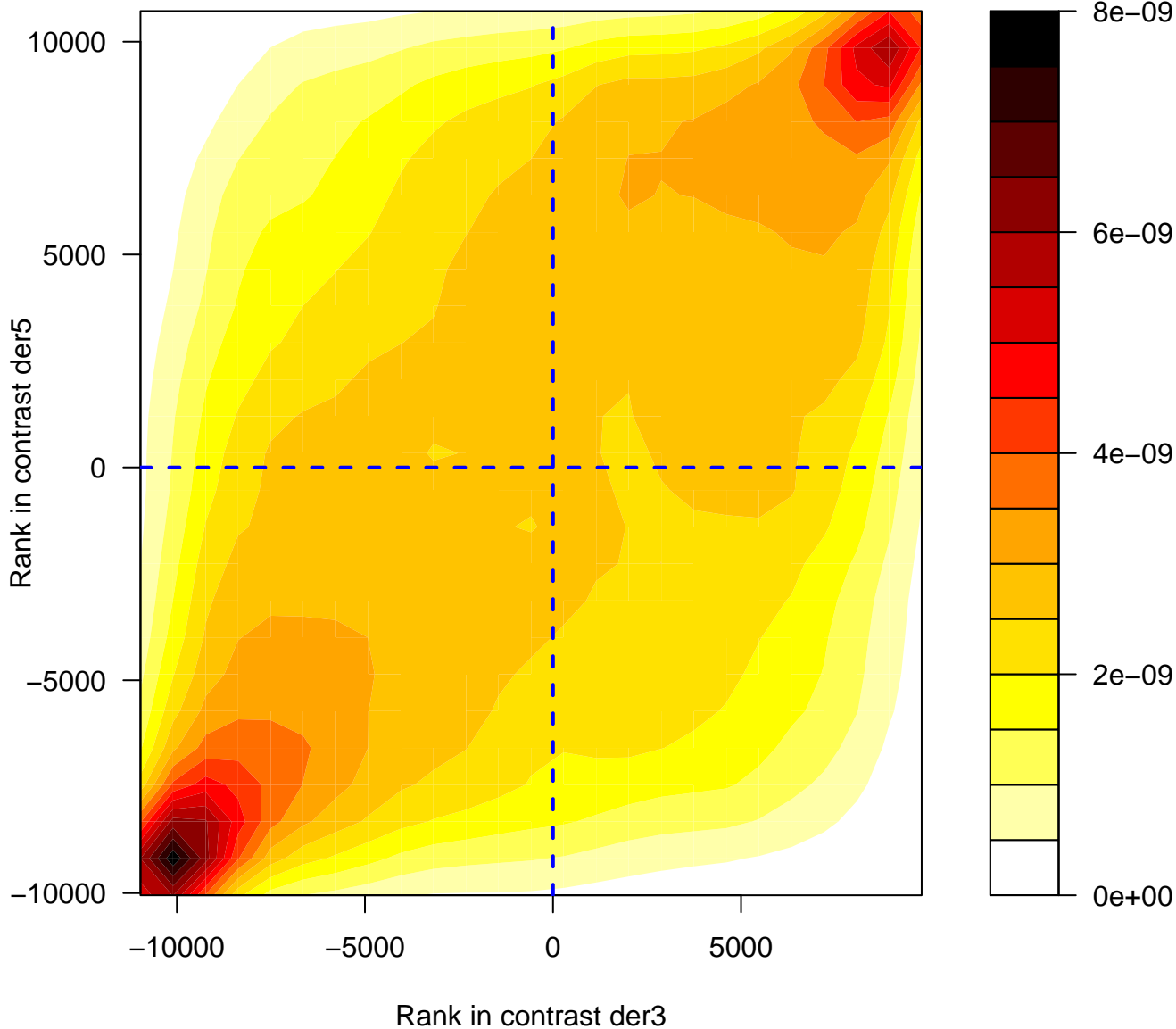


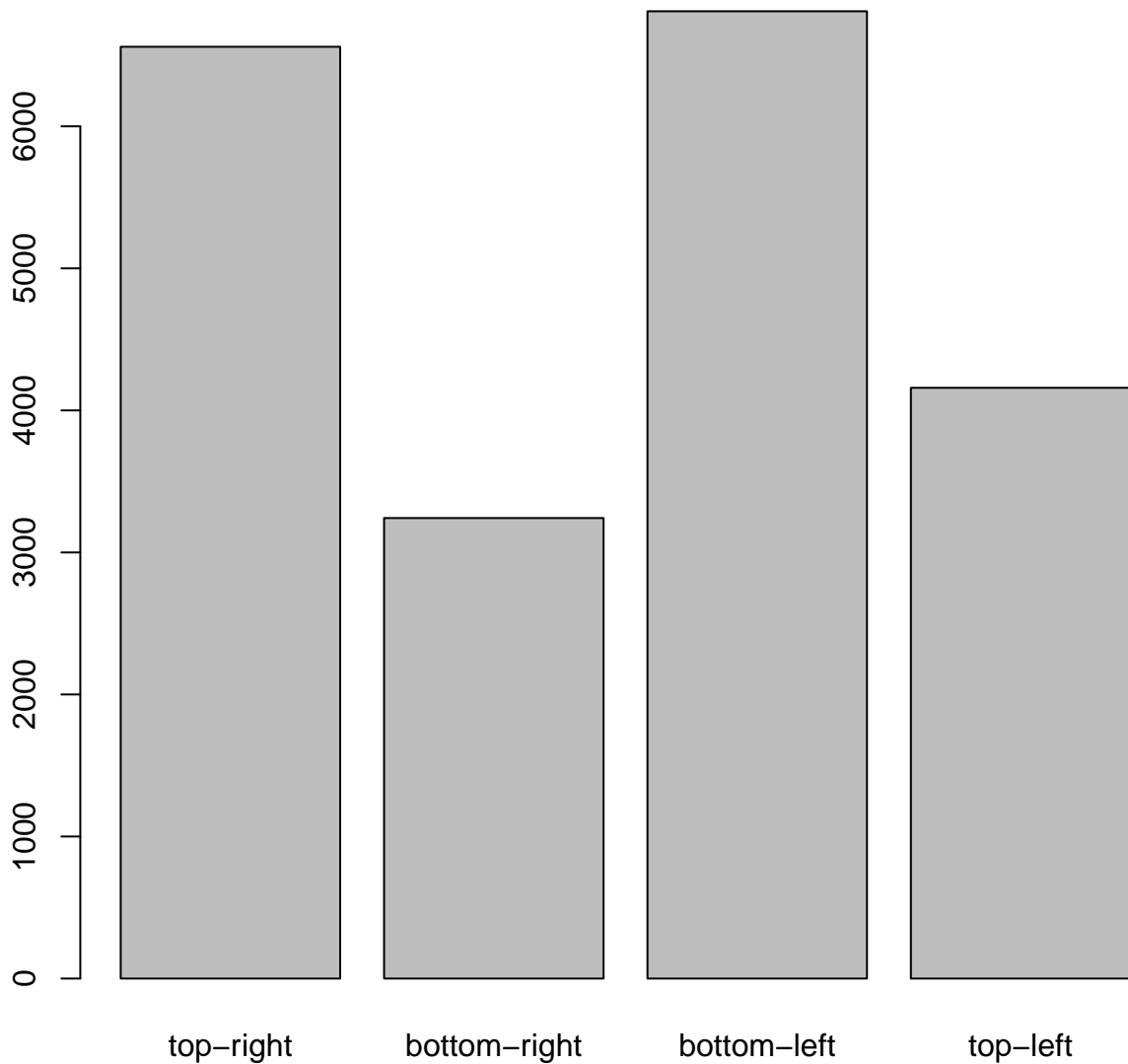
Scatterplot of all genes



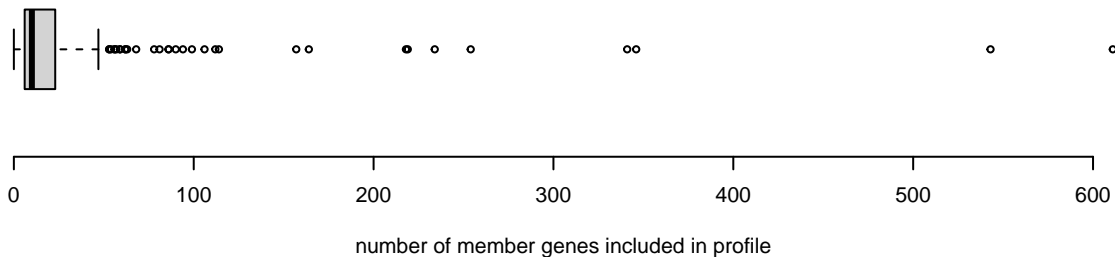
# Rank-rank plot of all genes



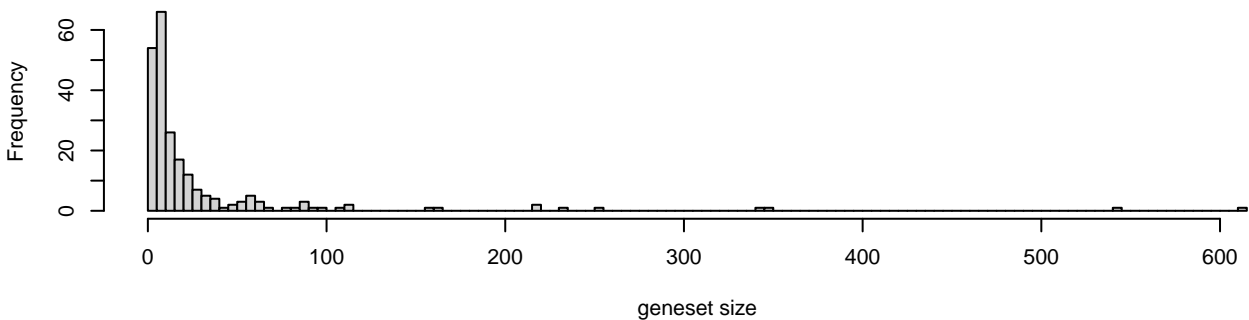
## number of genes in each quadrant



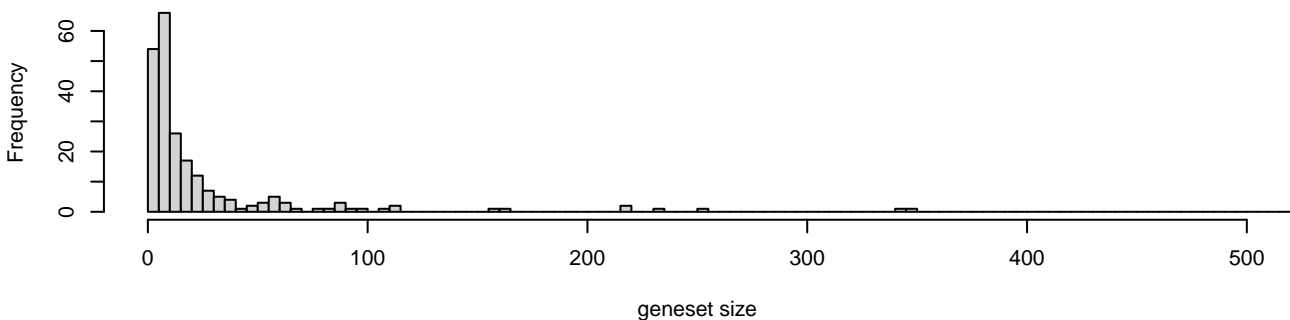
### Gene set size



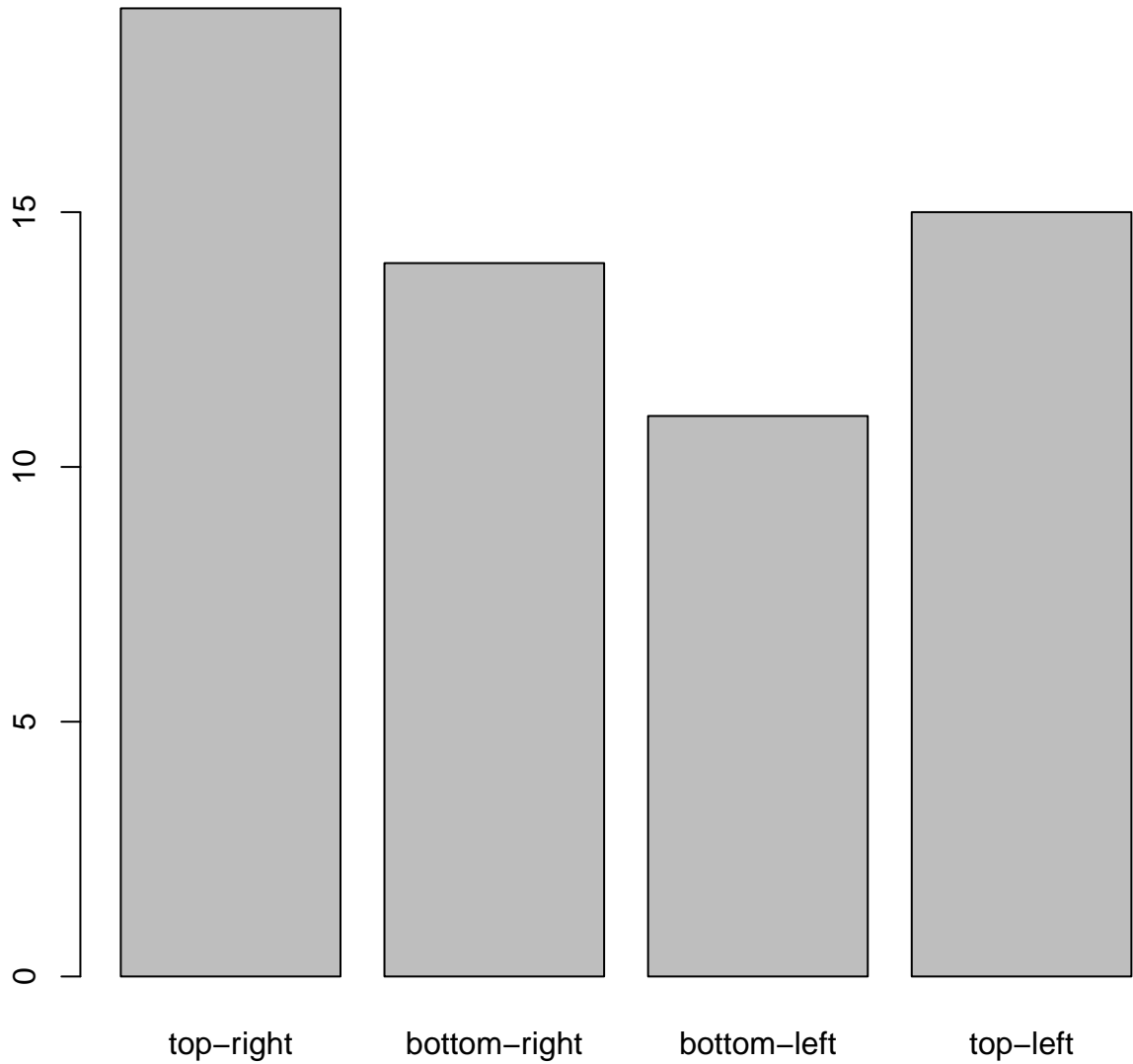
### Histogram of geneset size



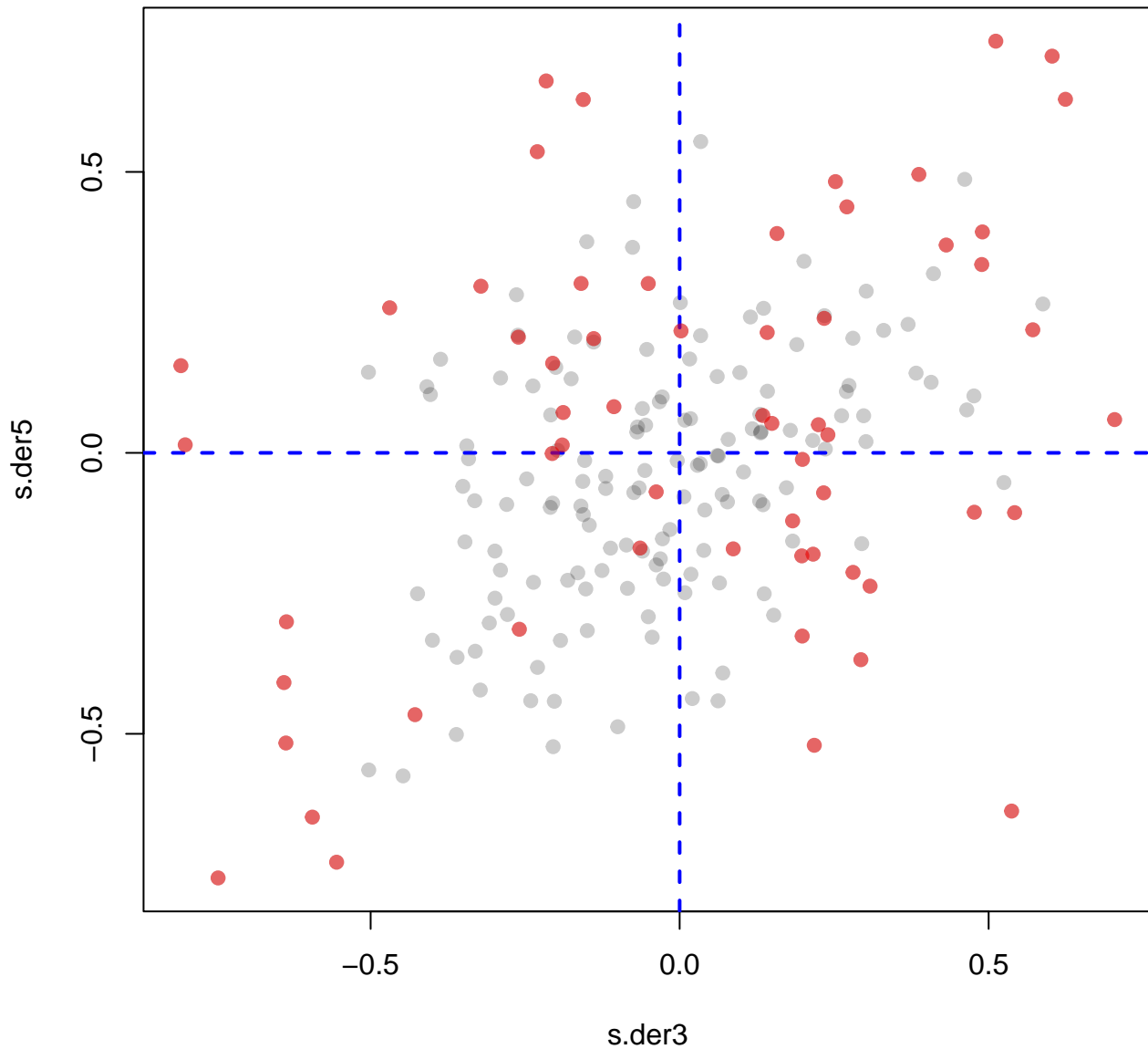
### Trimmed histogram of geneset size



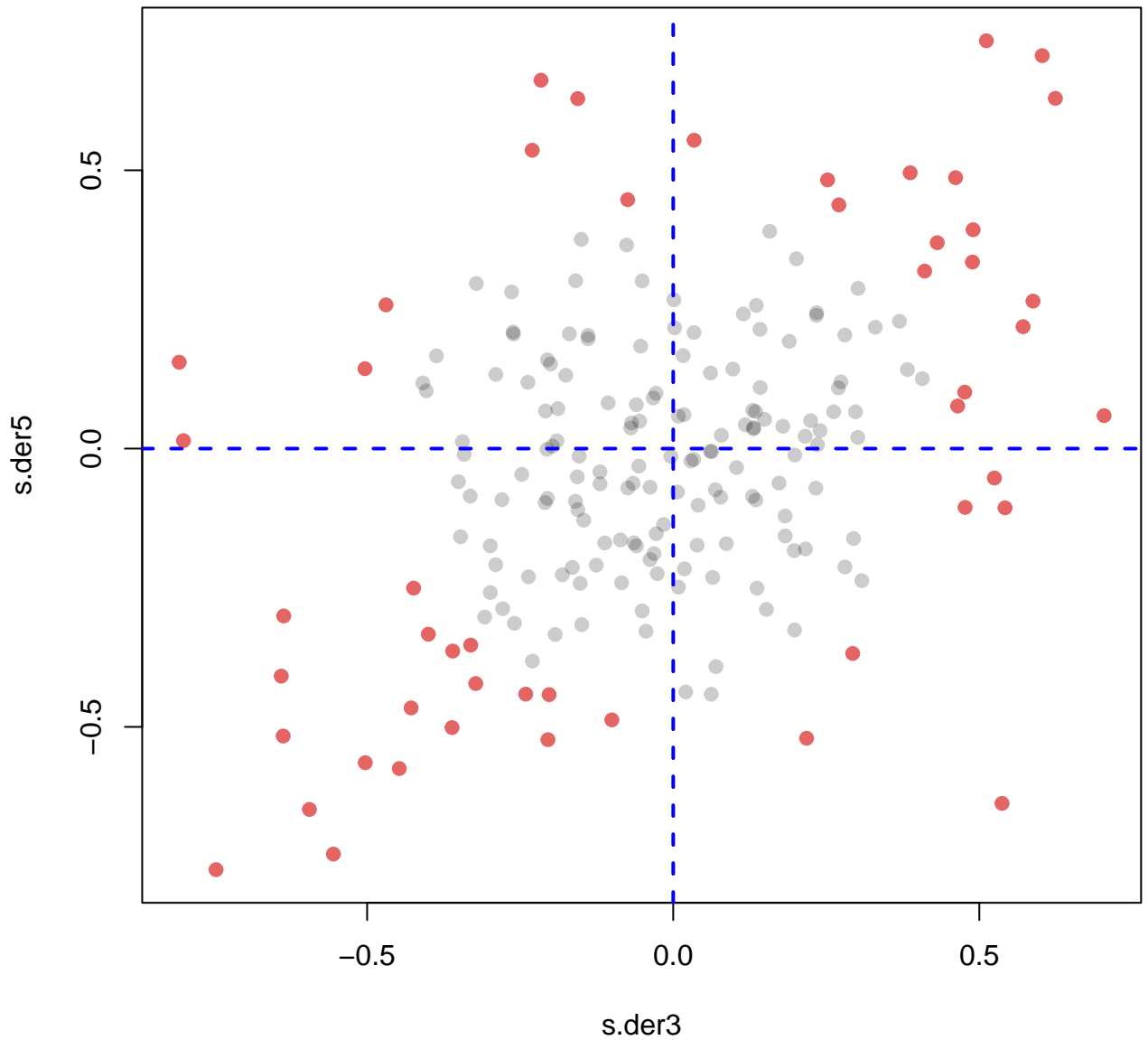
# number of genesets FDR<0.05



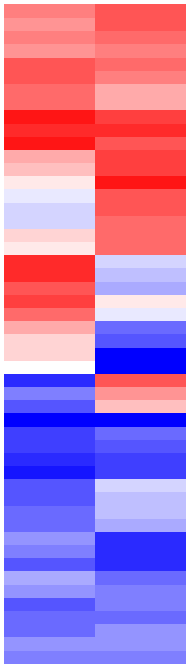
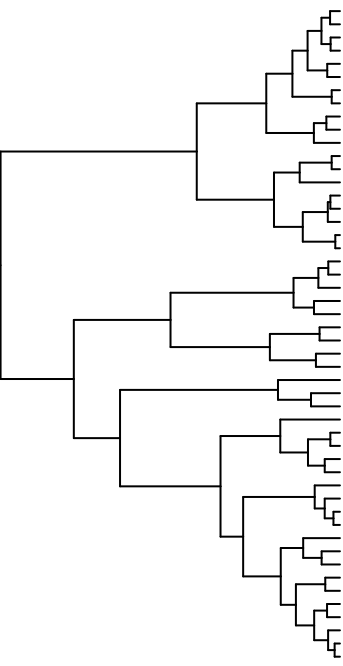
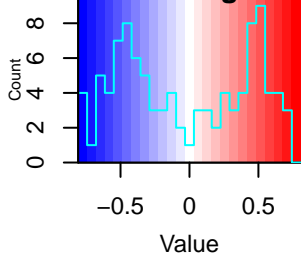
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 50 in red



# Color Key and Histogram



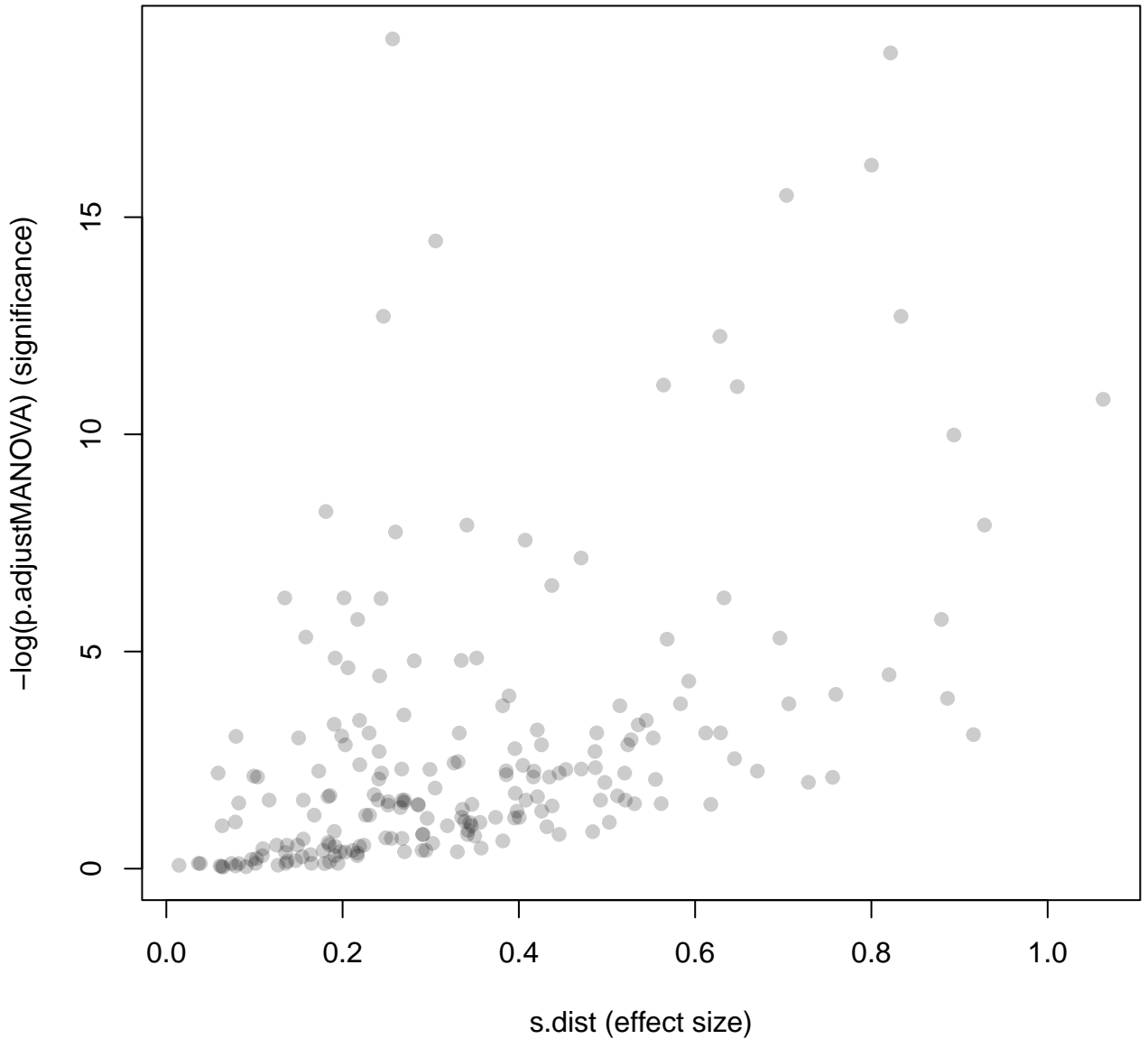
der5

der3

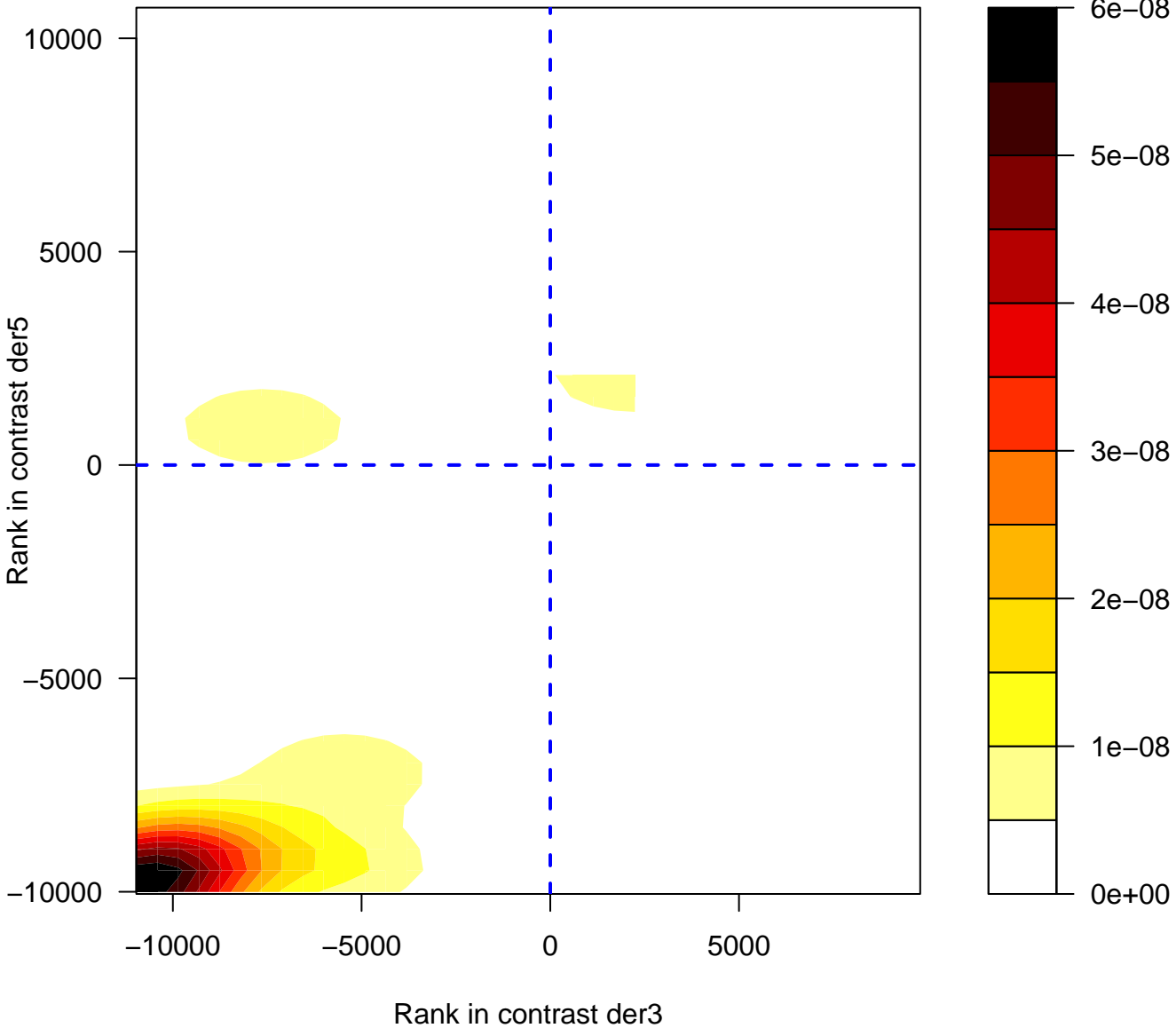
- secondary.metabolism.simple.phenols
- cell.wall.pectin.esterases.misc
- cell.wall.pectin.esterases.acetyl.esterase
- protein.postranslational.modification.kinase
- transport.ammonium
- secondary.metabolism.flavonoids.flavonols
- cell.wall.precursor.synthesis.GAE
- cell.wall.precursor.synthesis.UXS
- cell.wall.degradation.cellulases.and.beta..1.4.glucanases
- protein.synthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.D
- protein.synthesis.ribosome.biogenesis.BRIX
- RNA.regulation.of.transcription.CPP.Zn..CPP1.related.transcription.factor.family
- PS.lightreaction.photosystem.I.LHC.I
- PS.lightreaction.photosystem.I.PSI.polypeptide.subunits
- hormone.metabolism.ethylene.signal.transduction
- transport.sulphate
- protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit.L41
- secondary.metabolism.phenylpropanoids.lignin.biosynthesis.CCR1
- protein.synthesis.ribosomal.protein.eukaryotic.40S.subunit.S15A
- redox.peroxiredoxin
- PS.lightreaction.NADH.DH
- major.CHO.metabolism.degradation.sucrose.invertases.neutral
- PS.lightreaction.other.electron.carrier..ox.red..ferredoxin
- secondary.metabolism.flavonoids.isoflavones.isoflavone.reductase
- protein.degradation.ubiquitin.E3.SCF.SKP



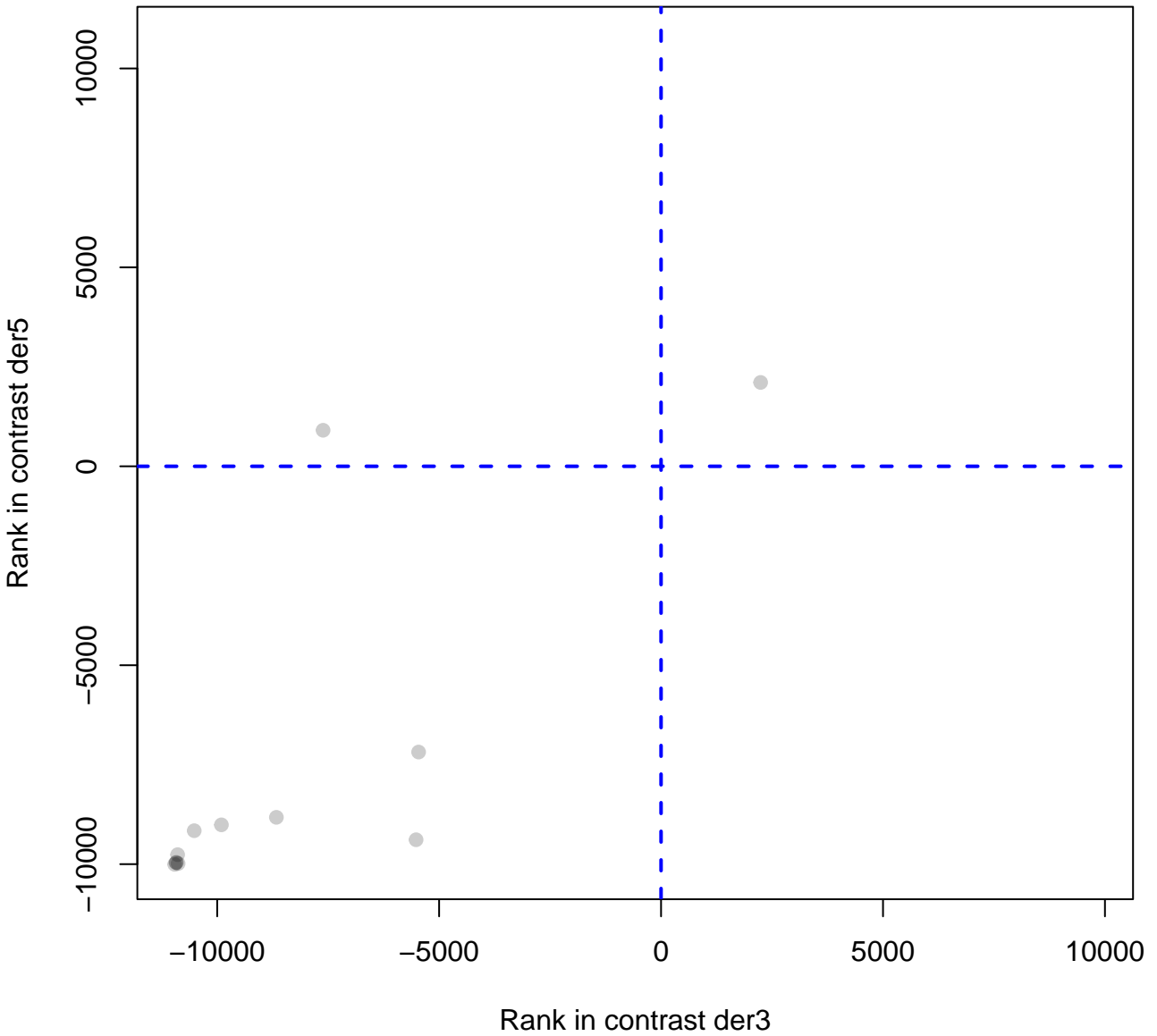
# effect size versus statistical significance



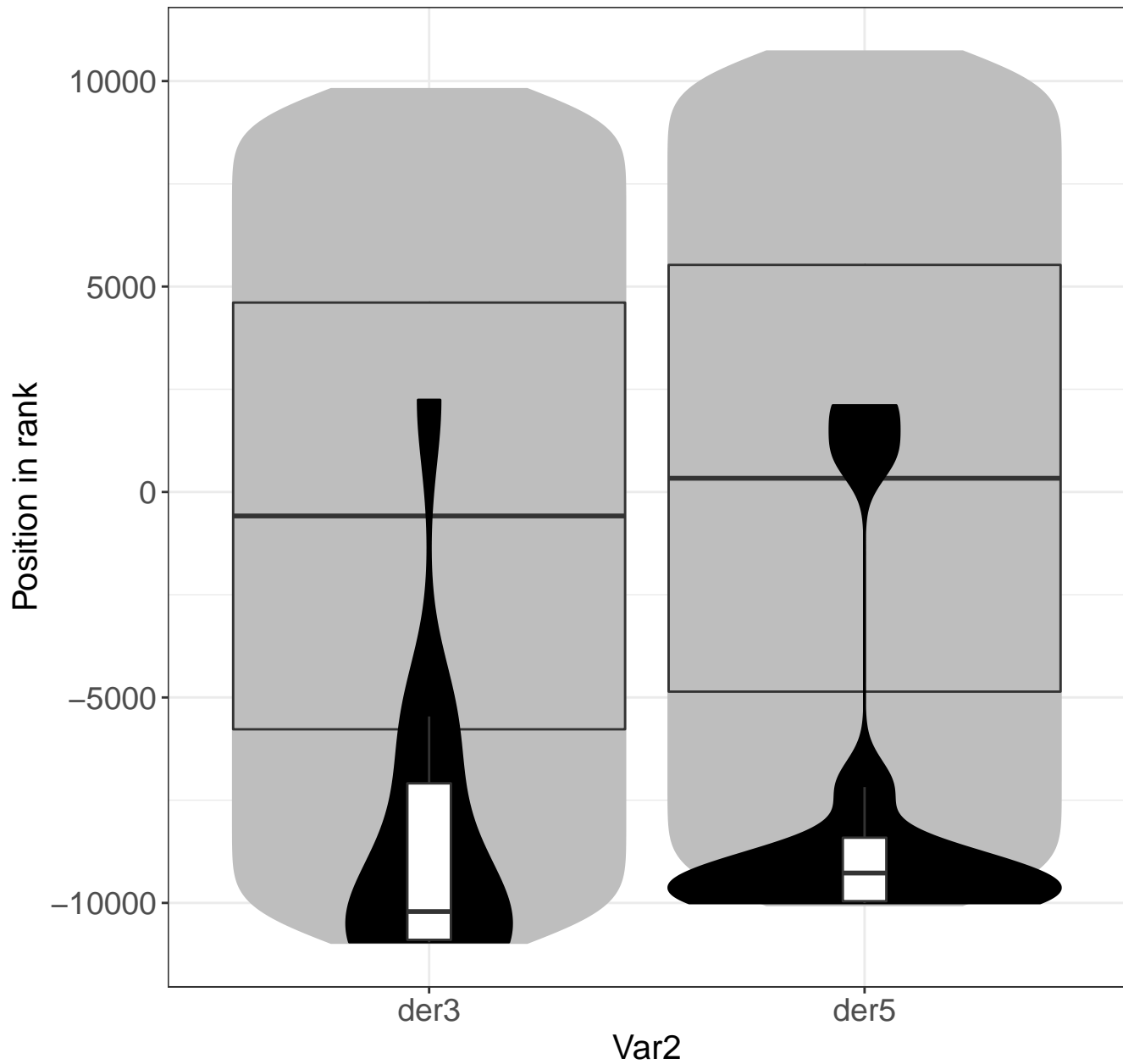
# transport.sulphate



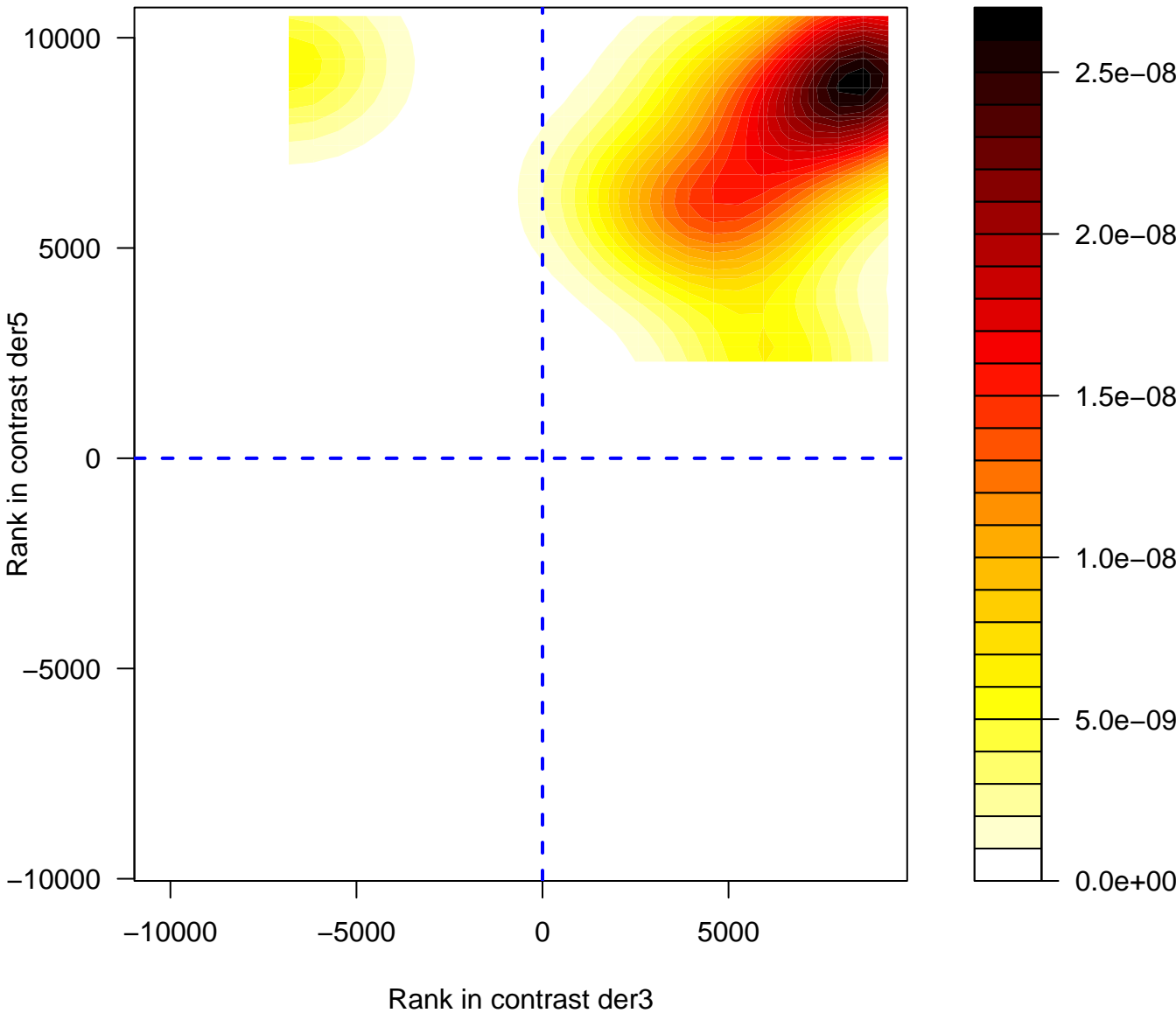
# transport.sulphate



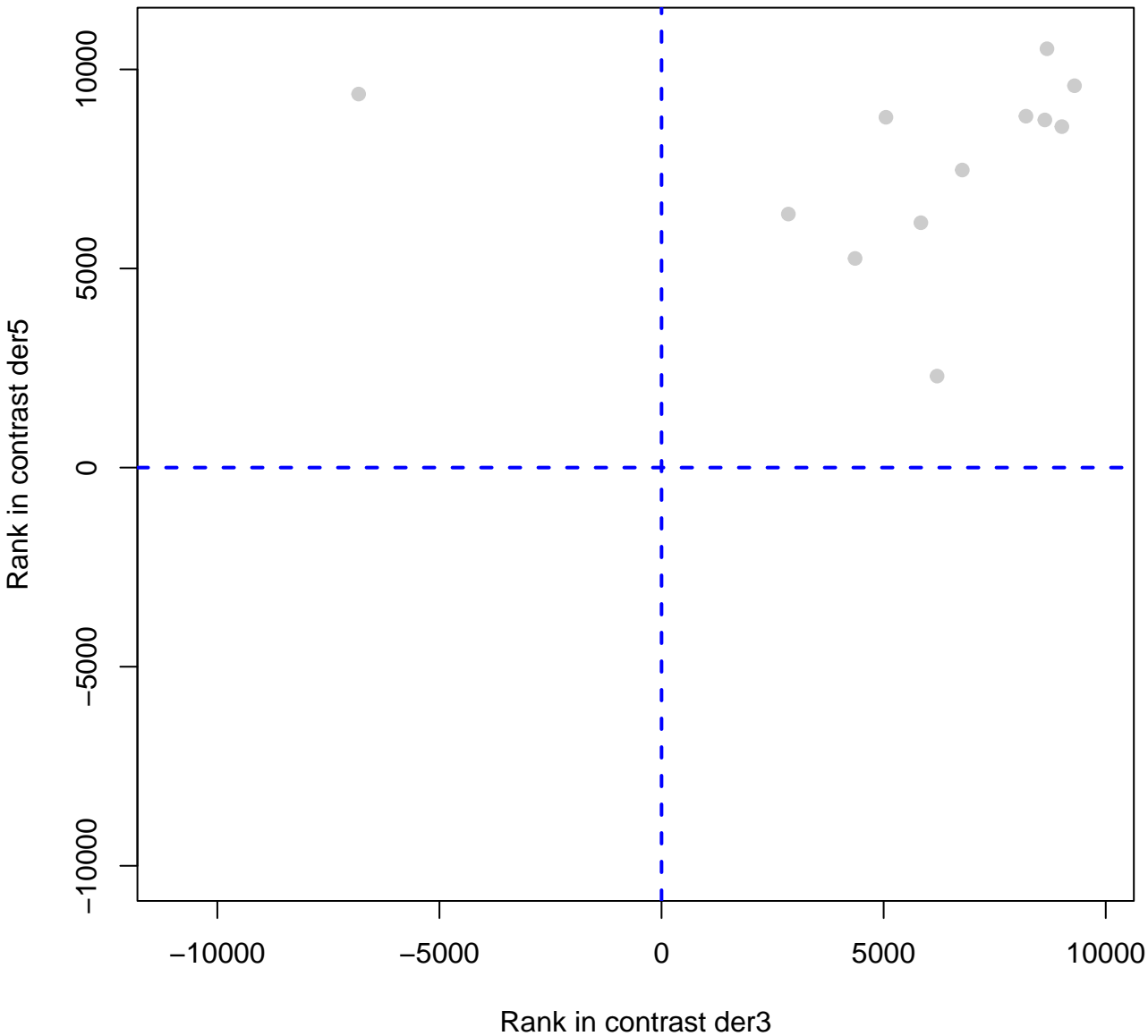
# transport.sulphate



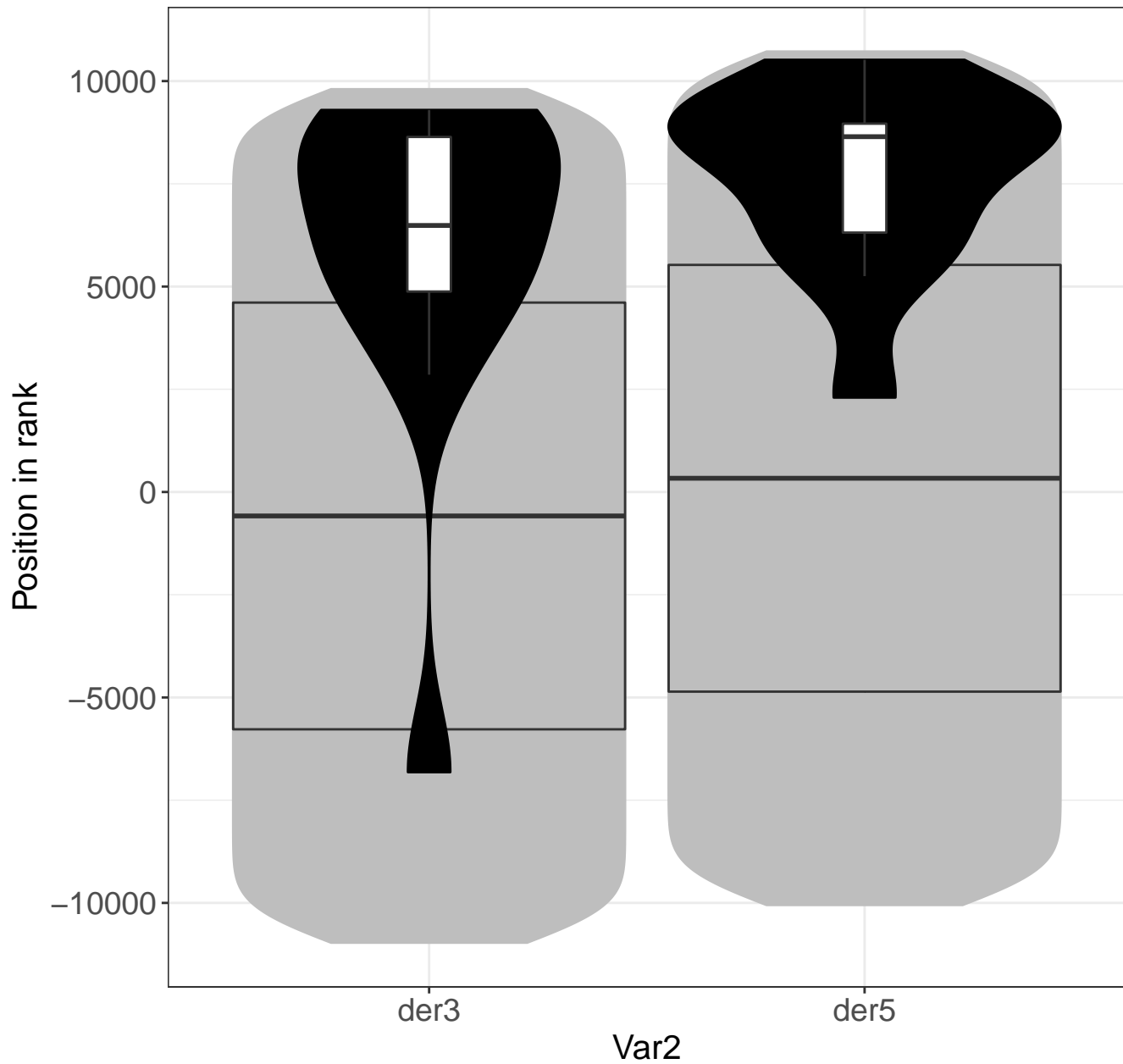
# cell.wall.cellulose.synthesis



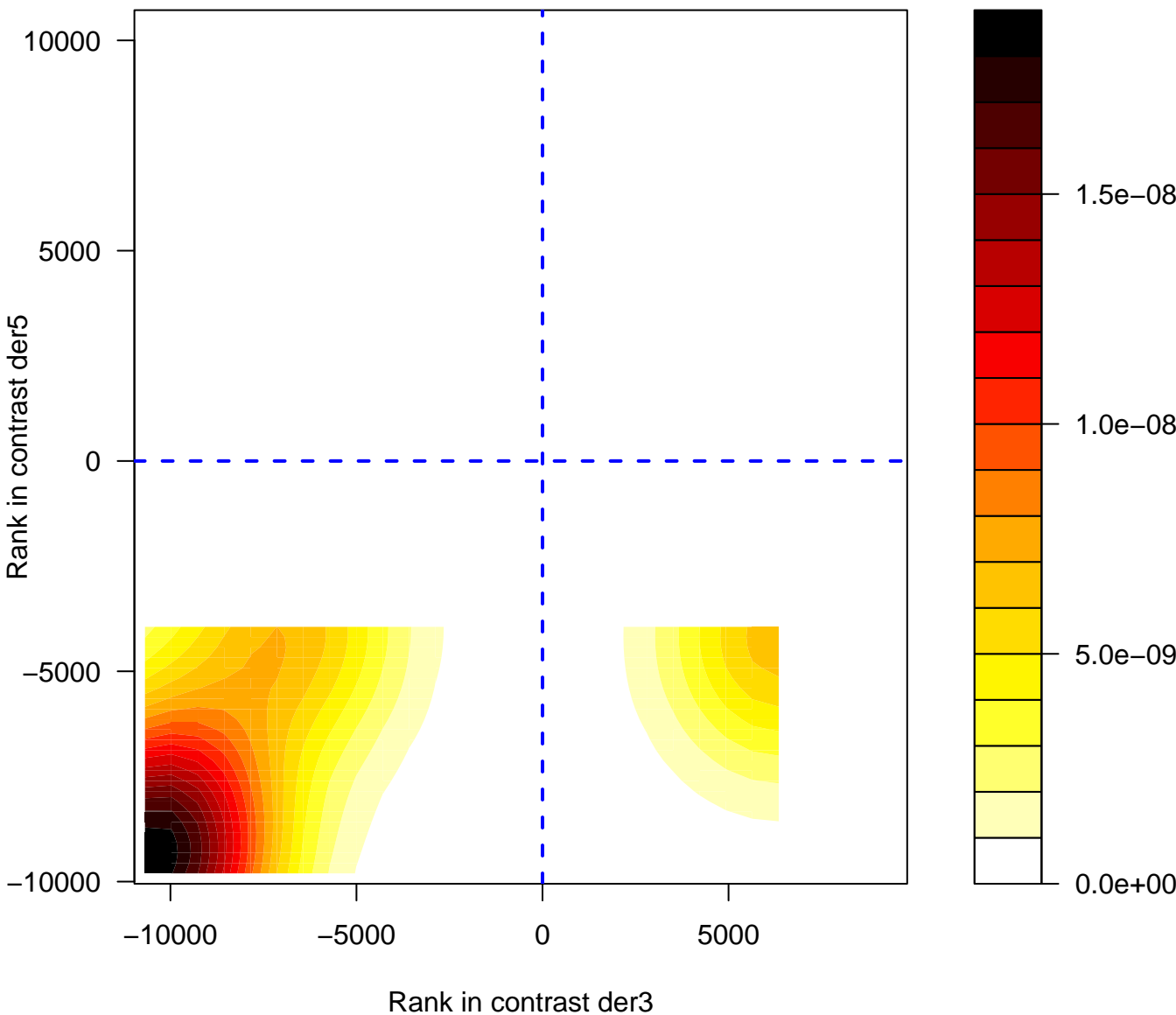
# cell.wall.cellulose.synthesis



# cell.wall.cellulose.synthesis

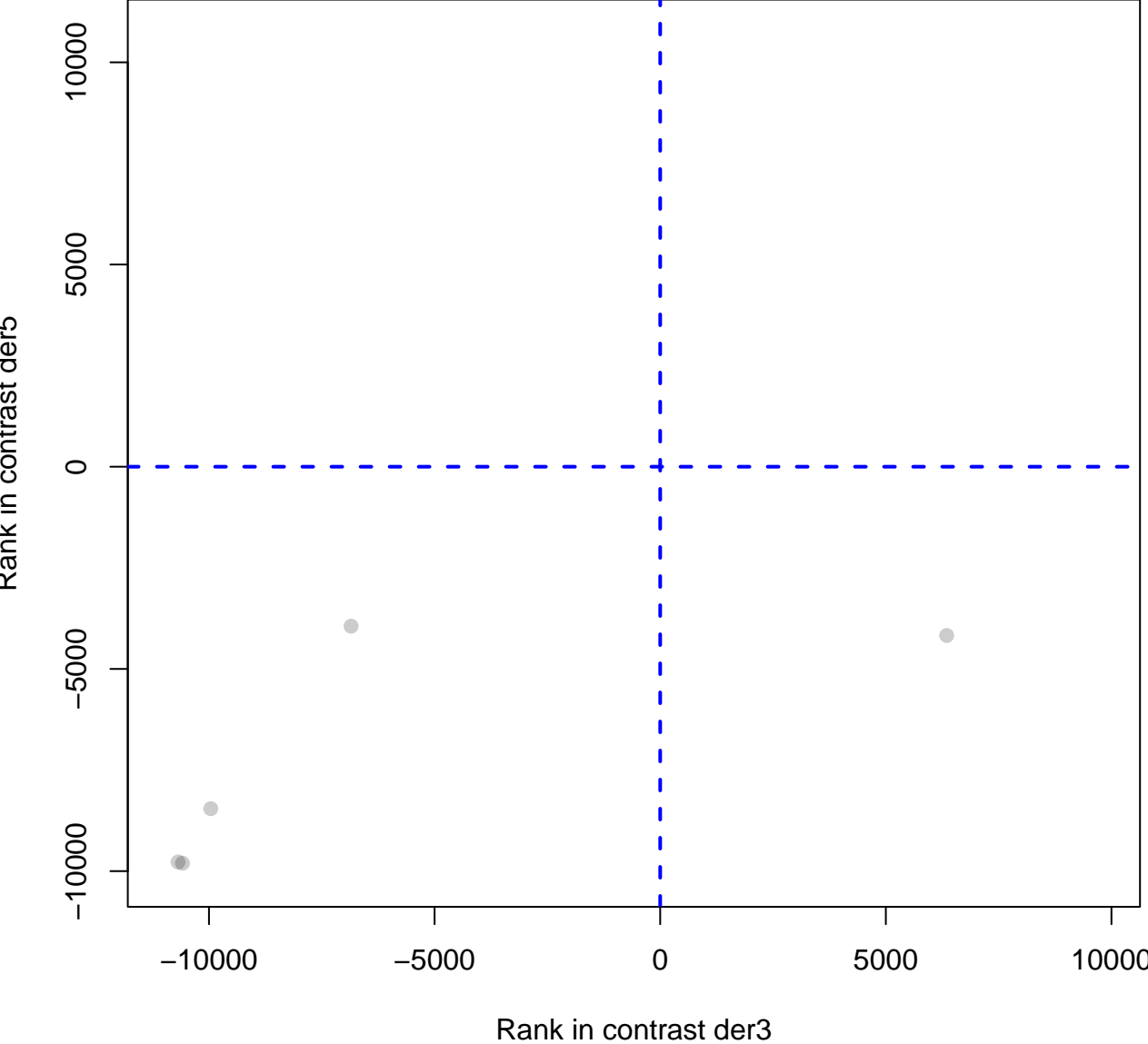


# secondary.metabolism.phenylpropanoids.lignin.biosynthesis

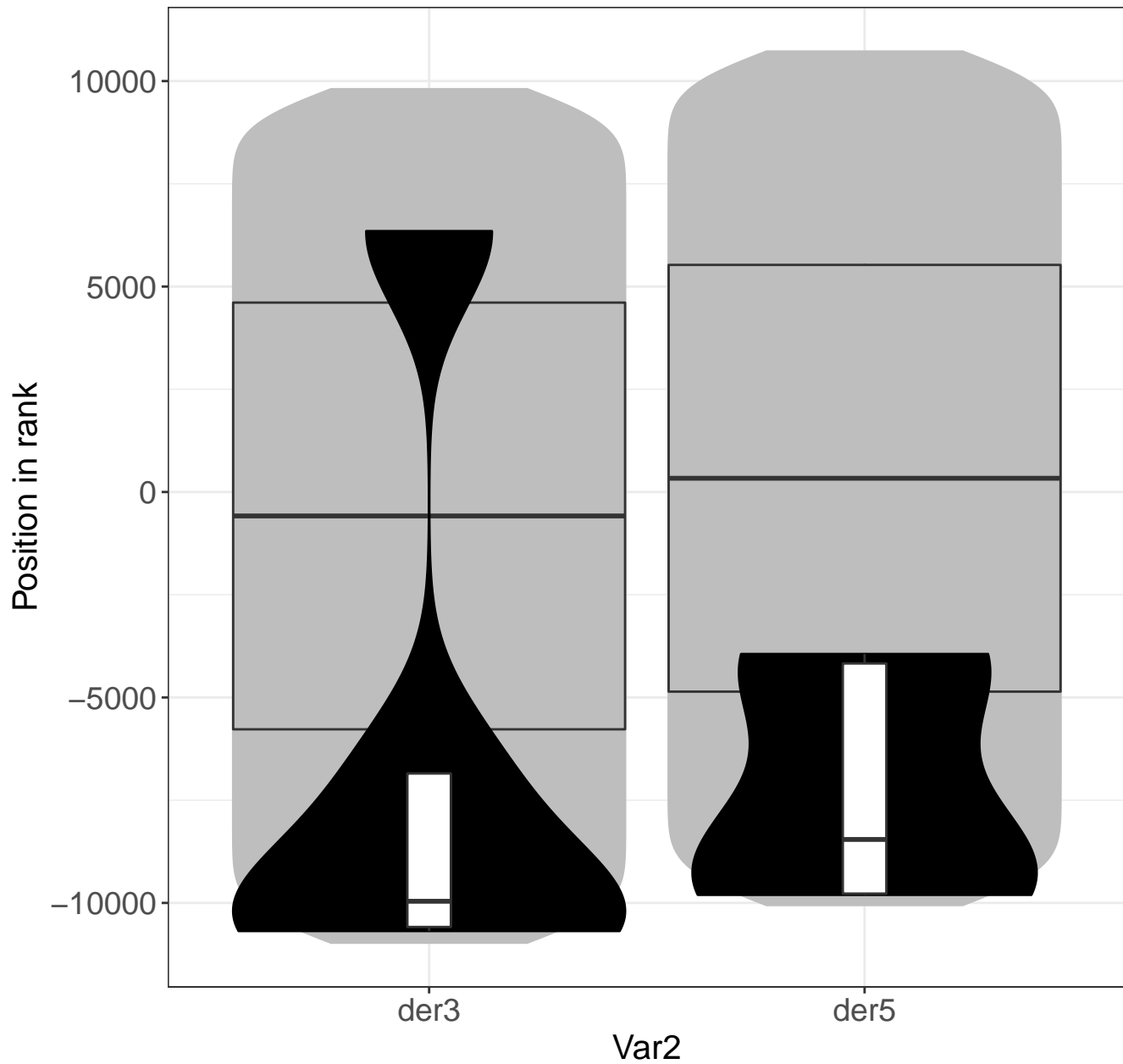




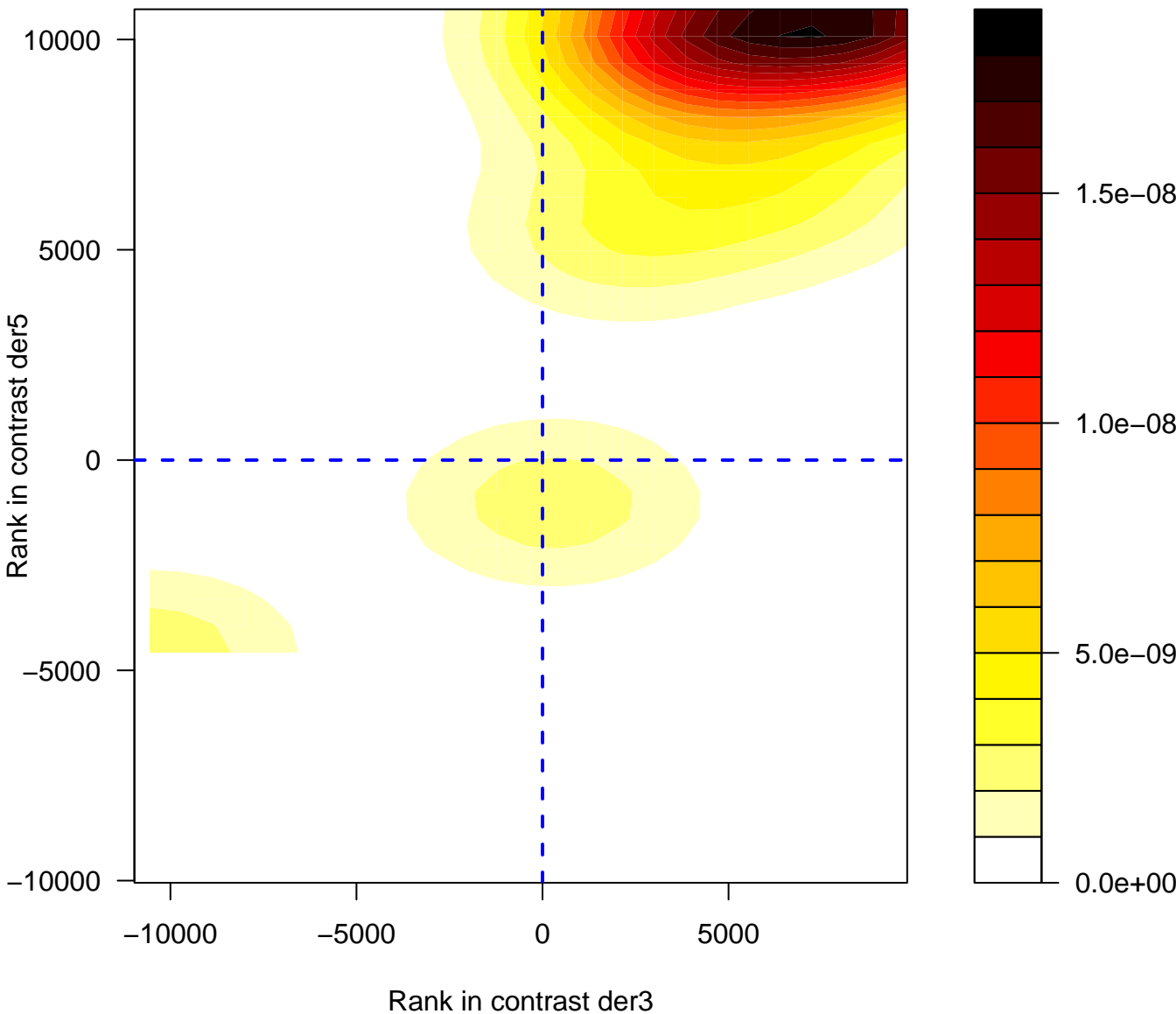
secondary.metabolism.phenylpropanoids.lignin.biosynthesis.CCR1



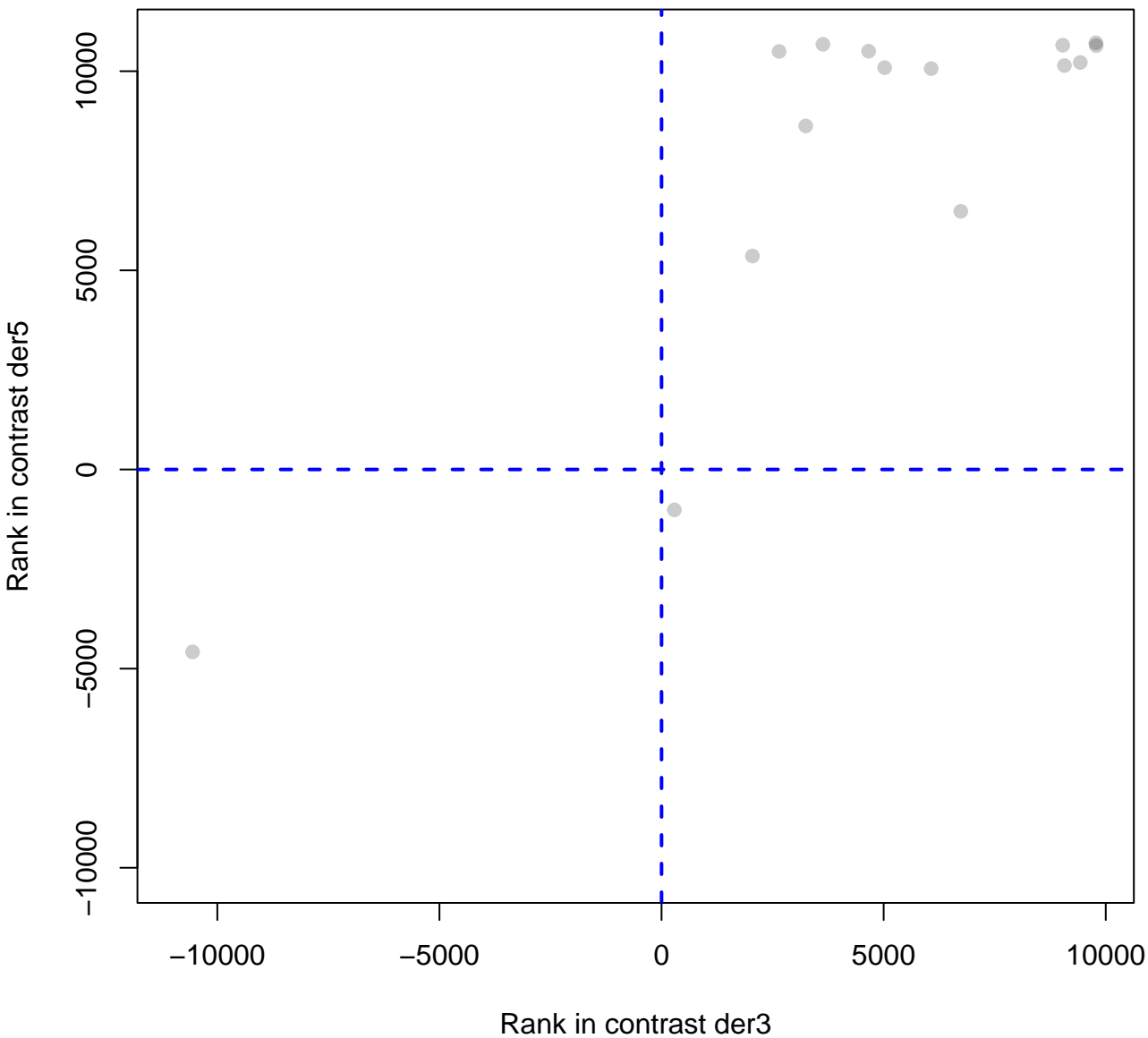
# secondary.metabolism.phenylpropanoids.lignin.b



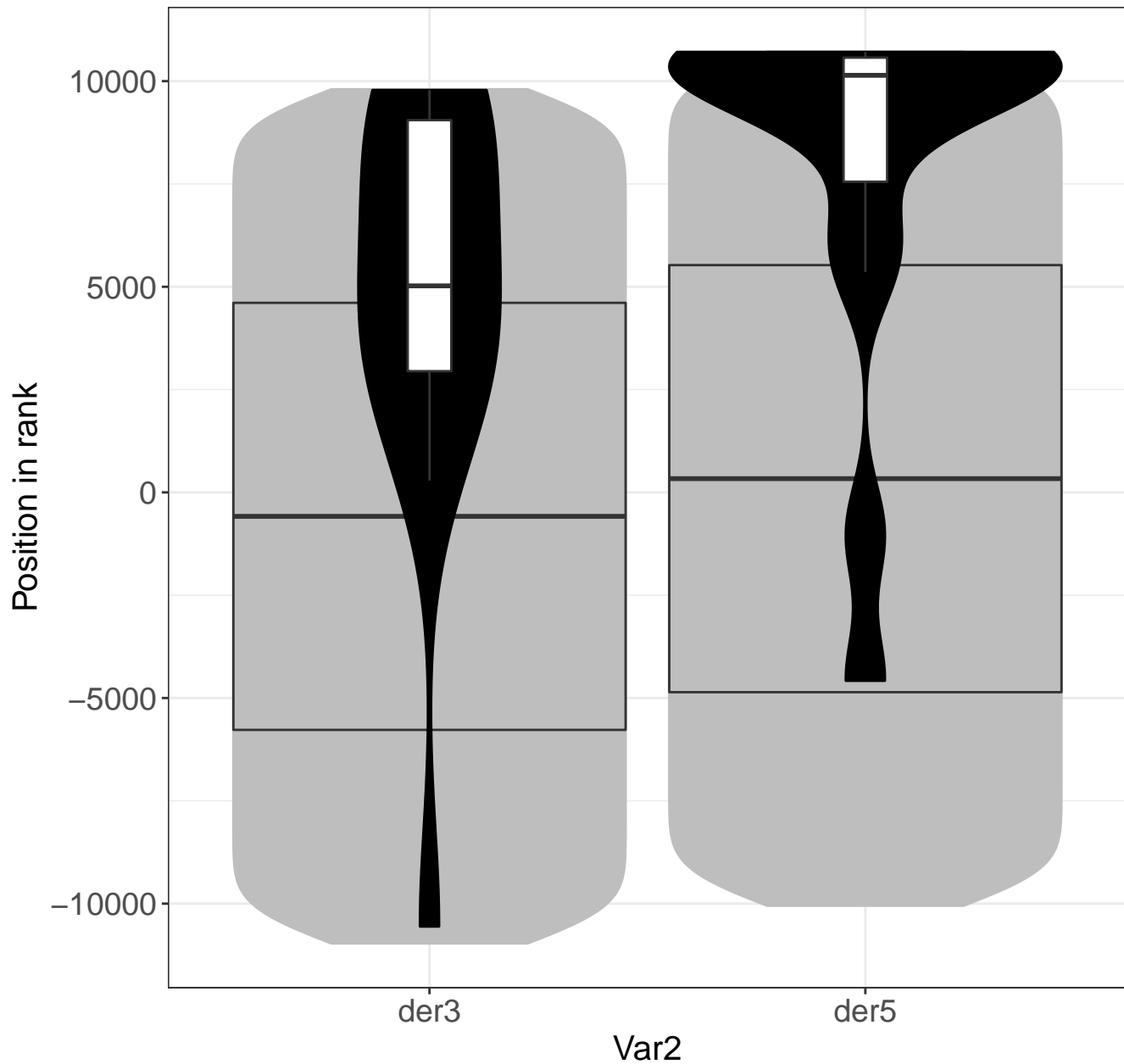
# RNA.regulation.of.transcription.ARF..Auxin.Response.Factor



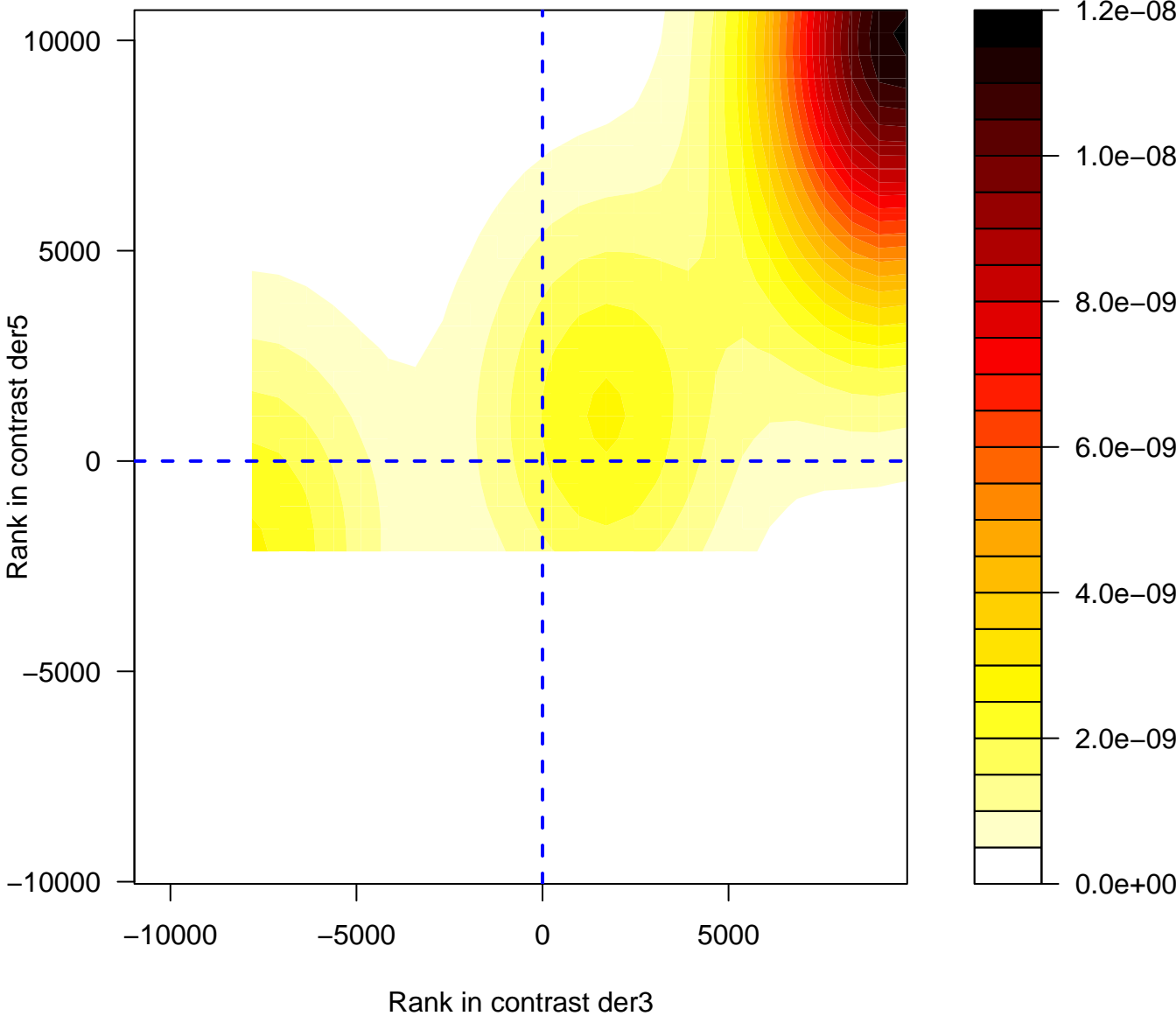
# RNA.regulation.of.transcription.ARF..Auxin.Response.Factor.family



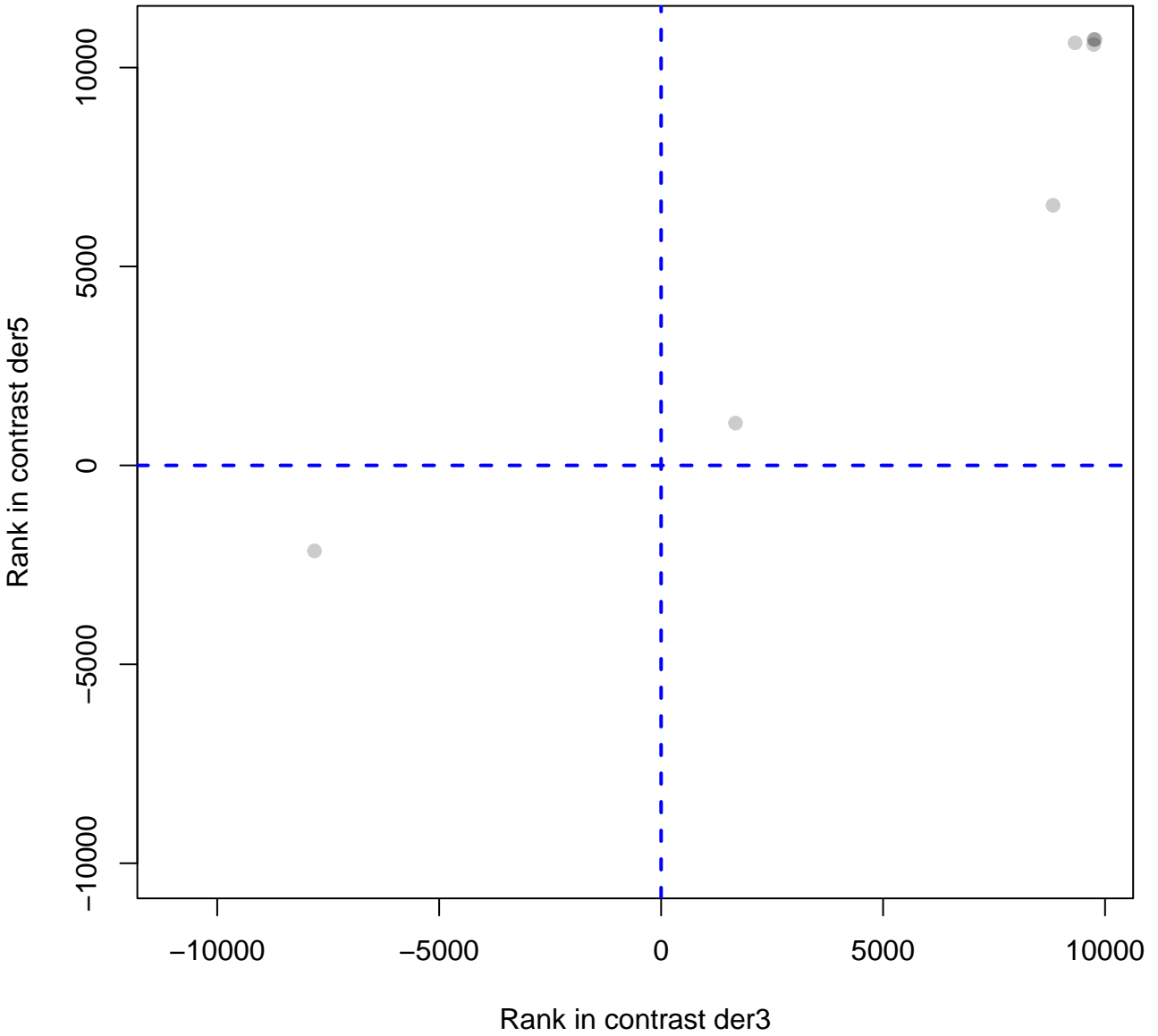
# RNA.regulation.of.transcription.ARF..Auxin.Resp



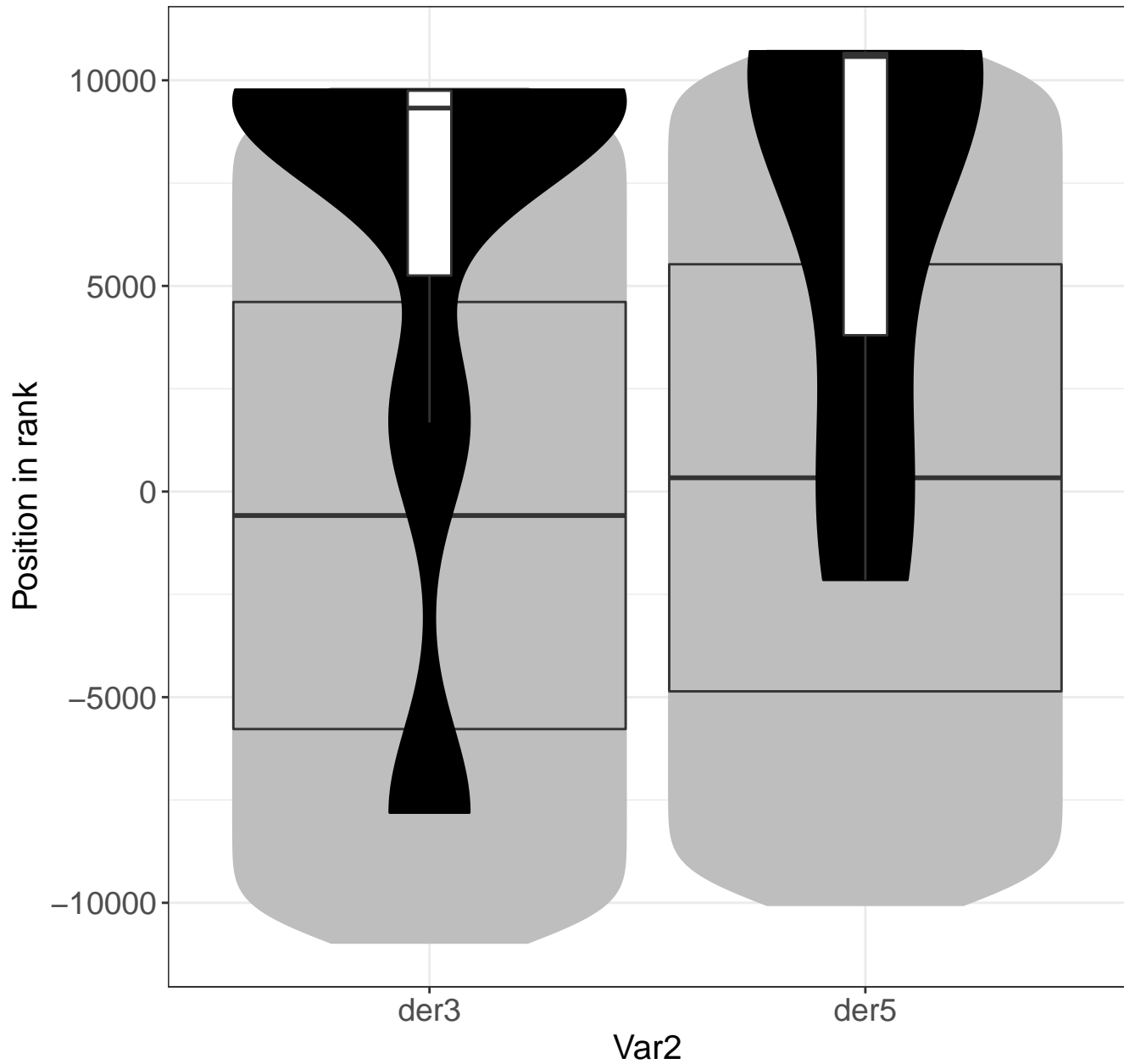
# transport.ammonium



# transport.ammonium

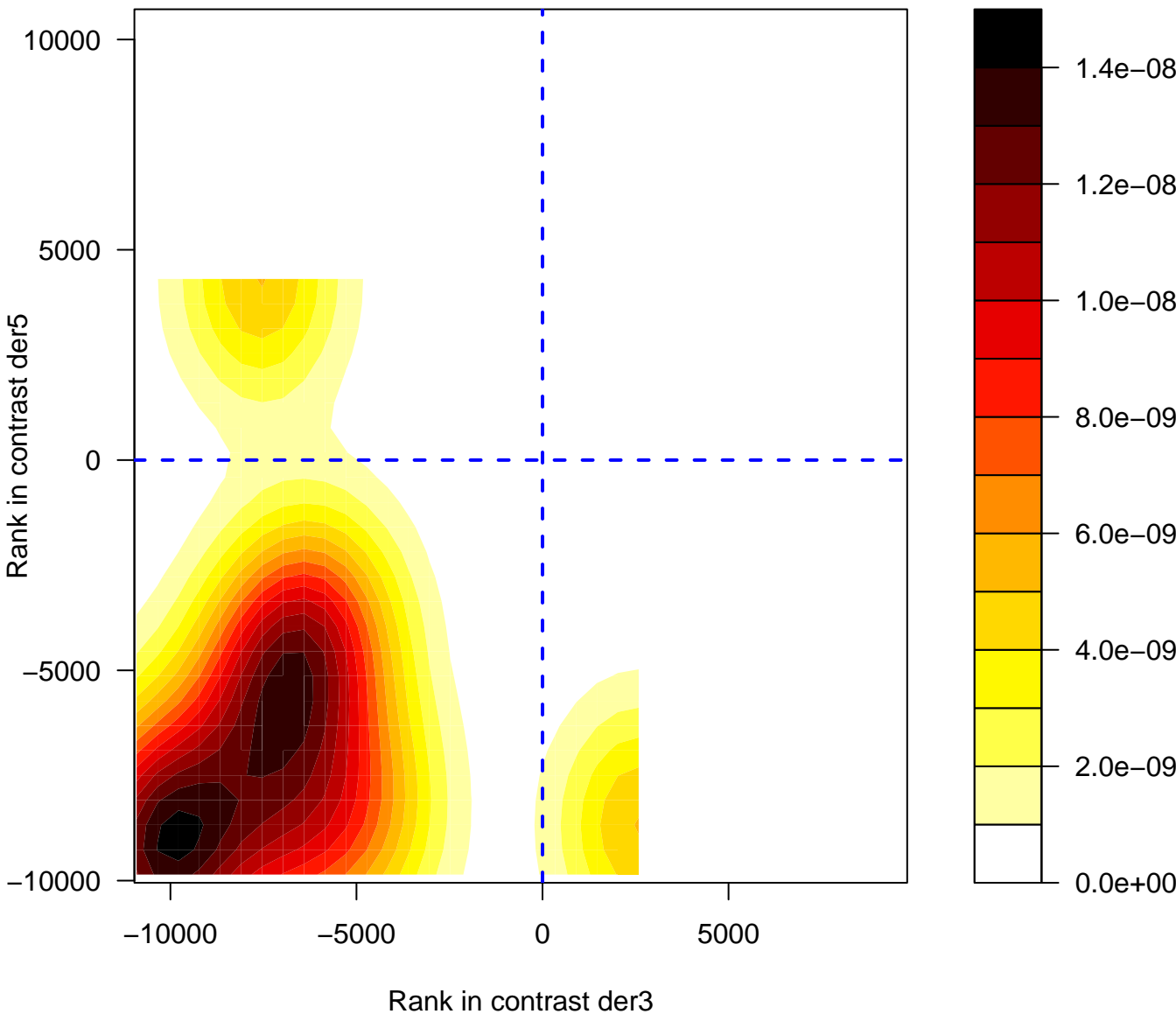


# transport.ammonium

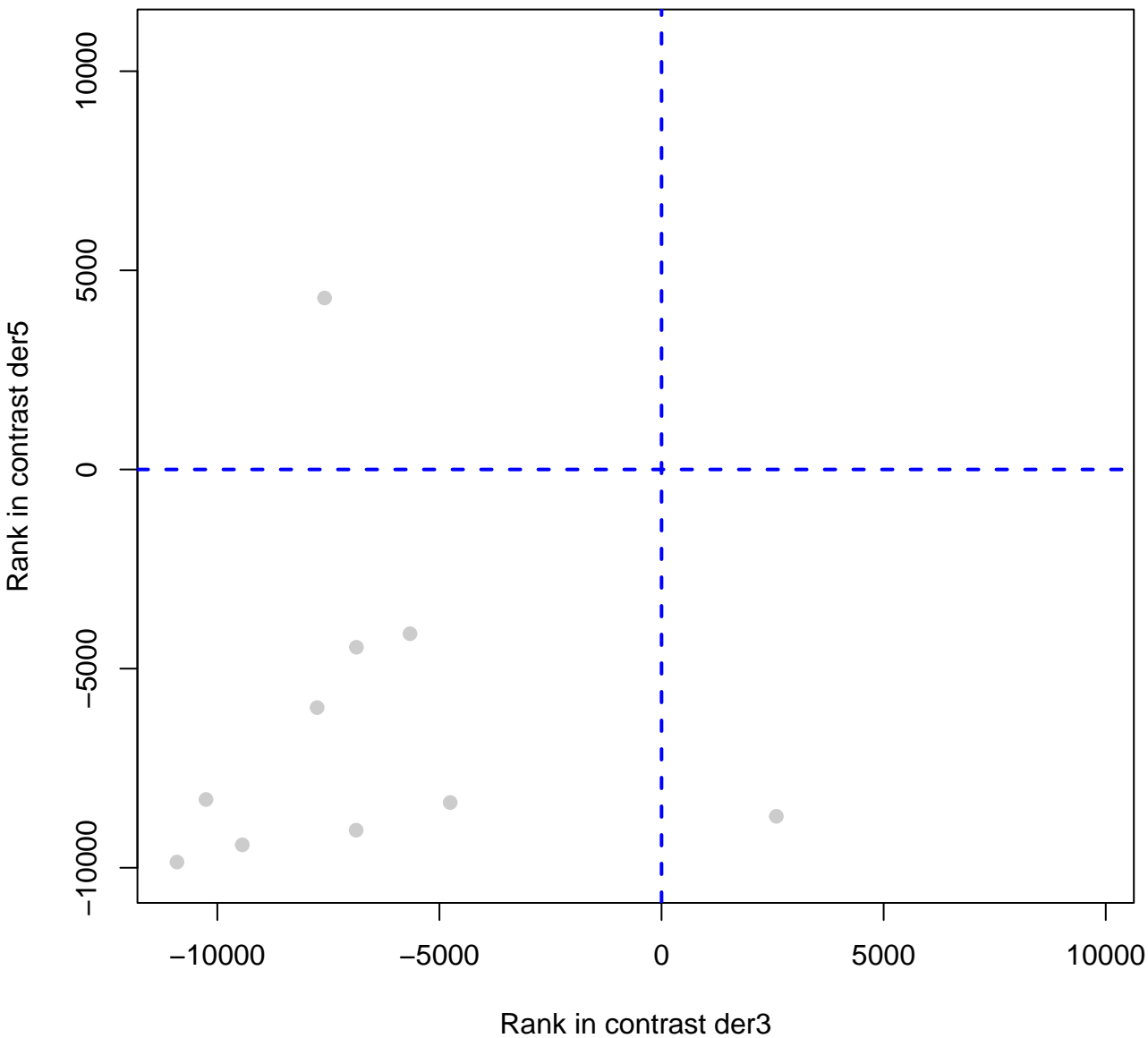




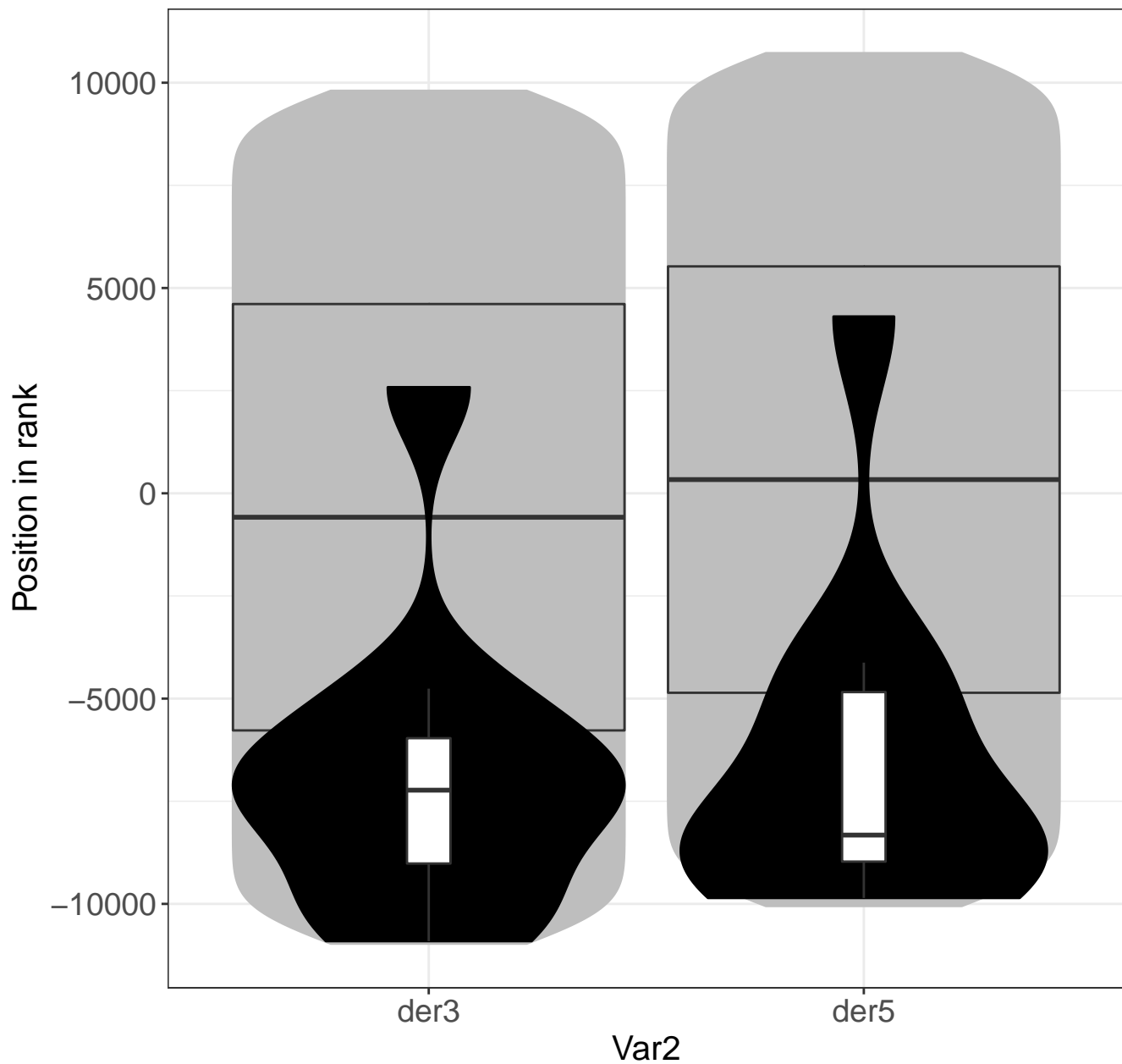
# Biodegradation.of.Xenobiotics.lactoylglutathione.lyase



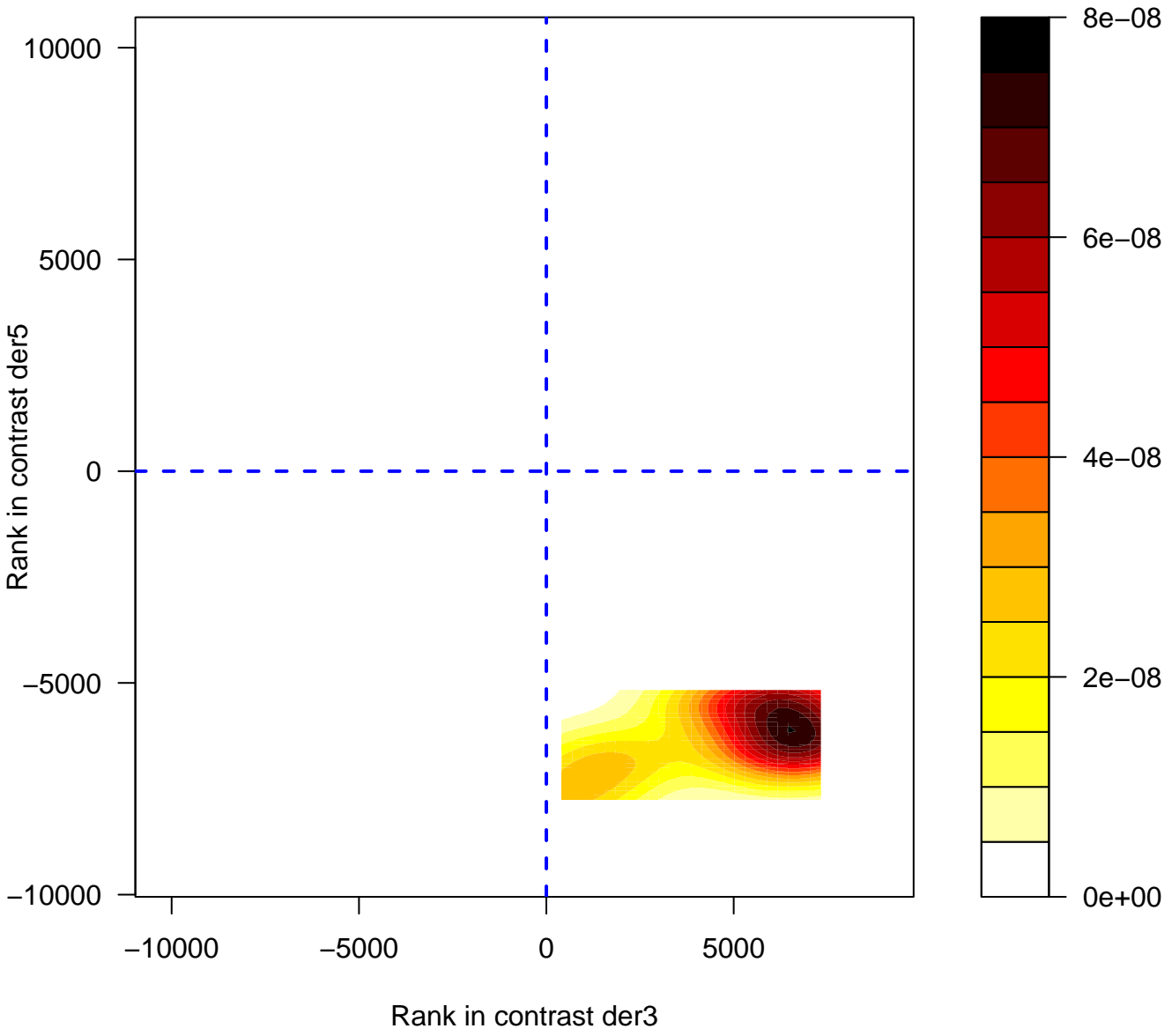
# Biodegradation.of.Xenobiotics.lactoylglutathione.lyase



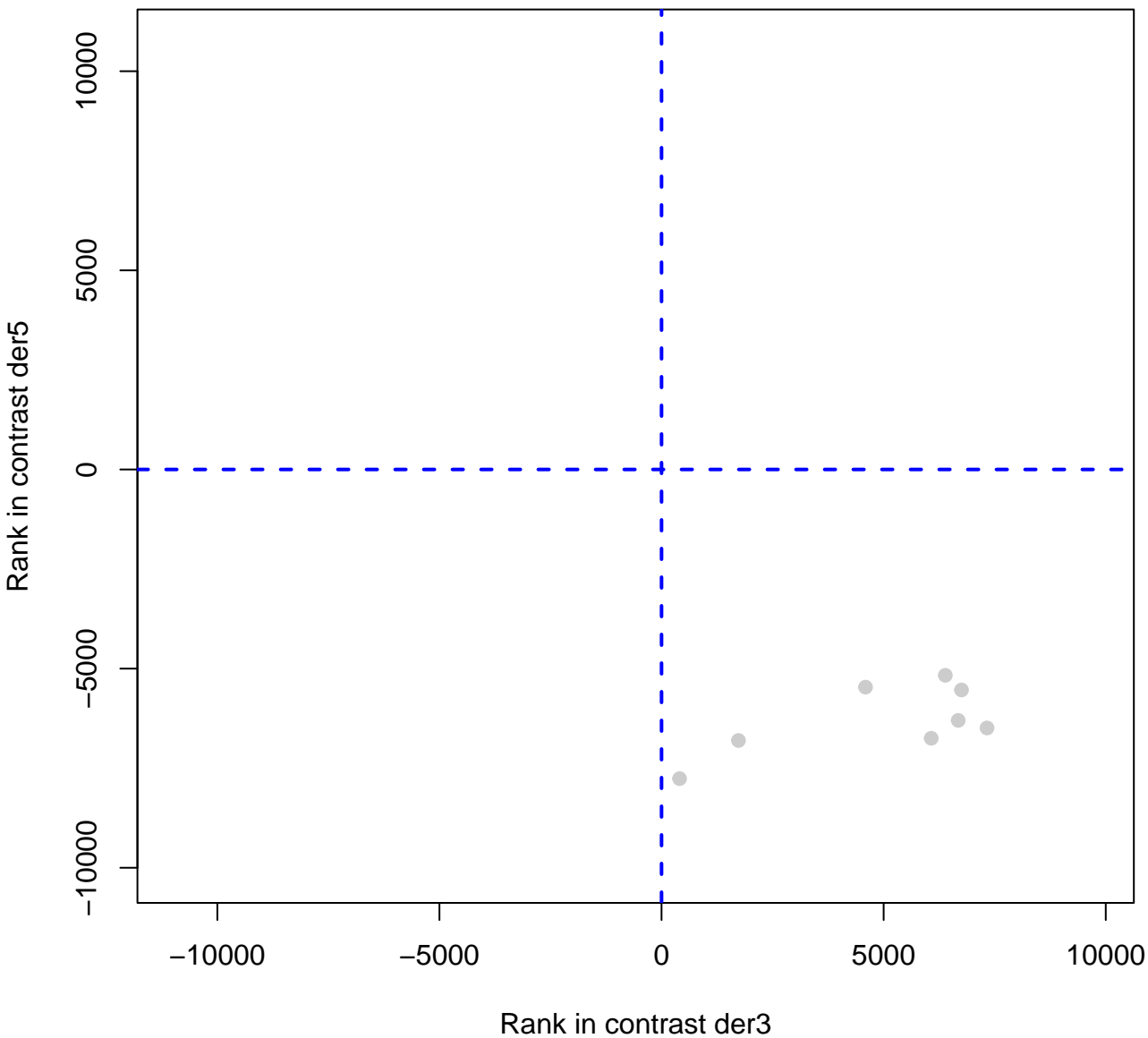
# Biodegradation.of.Xenobiotics.lactoylglutathione.



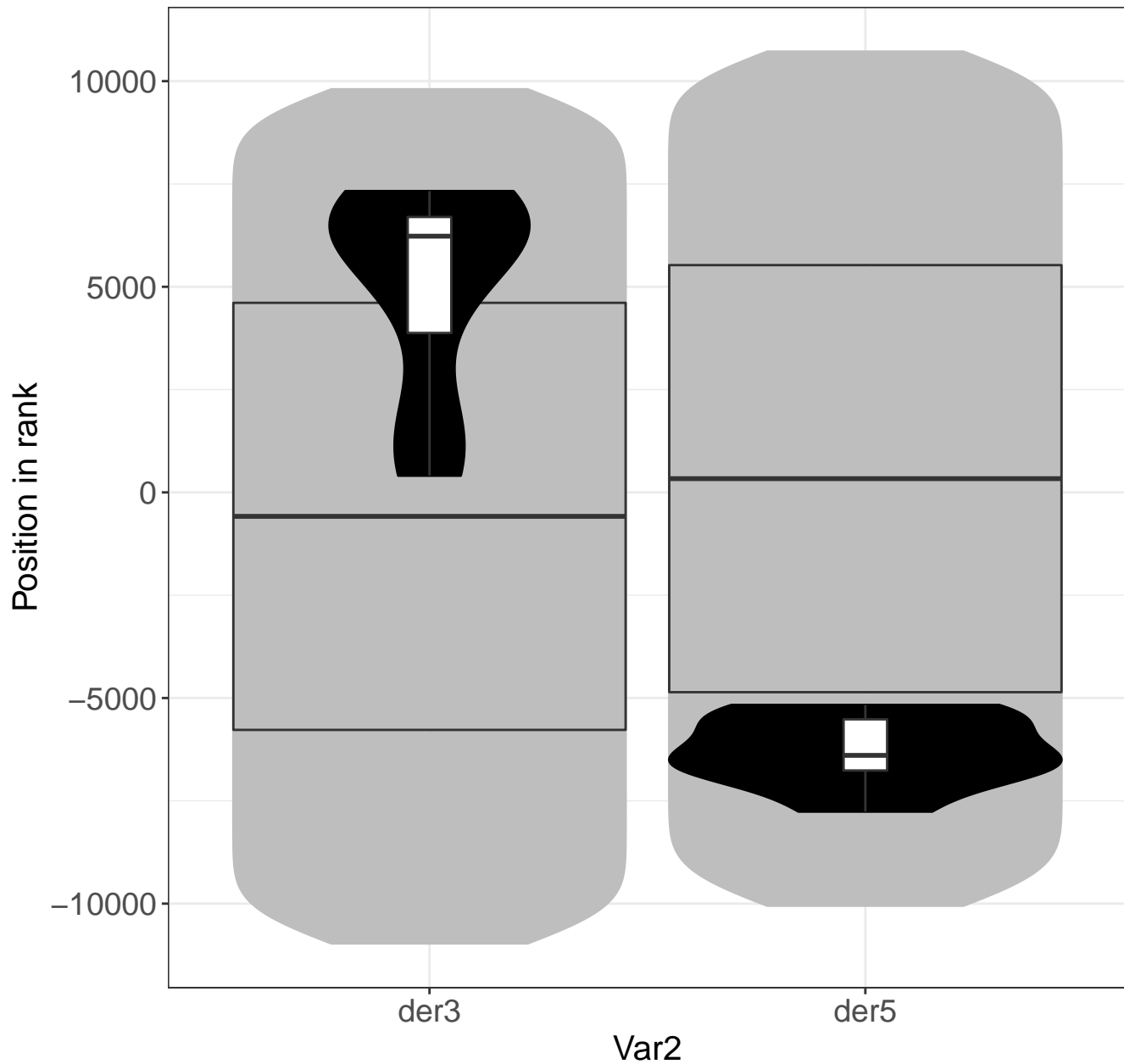
# transport.p..and.v.ATPases.H..transporting.two.sector.ATP



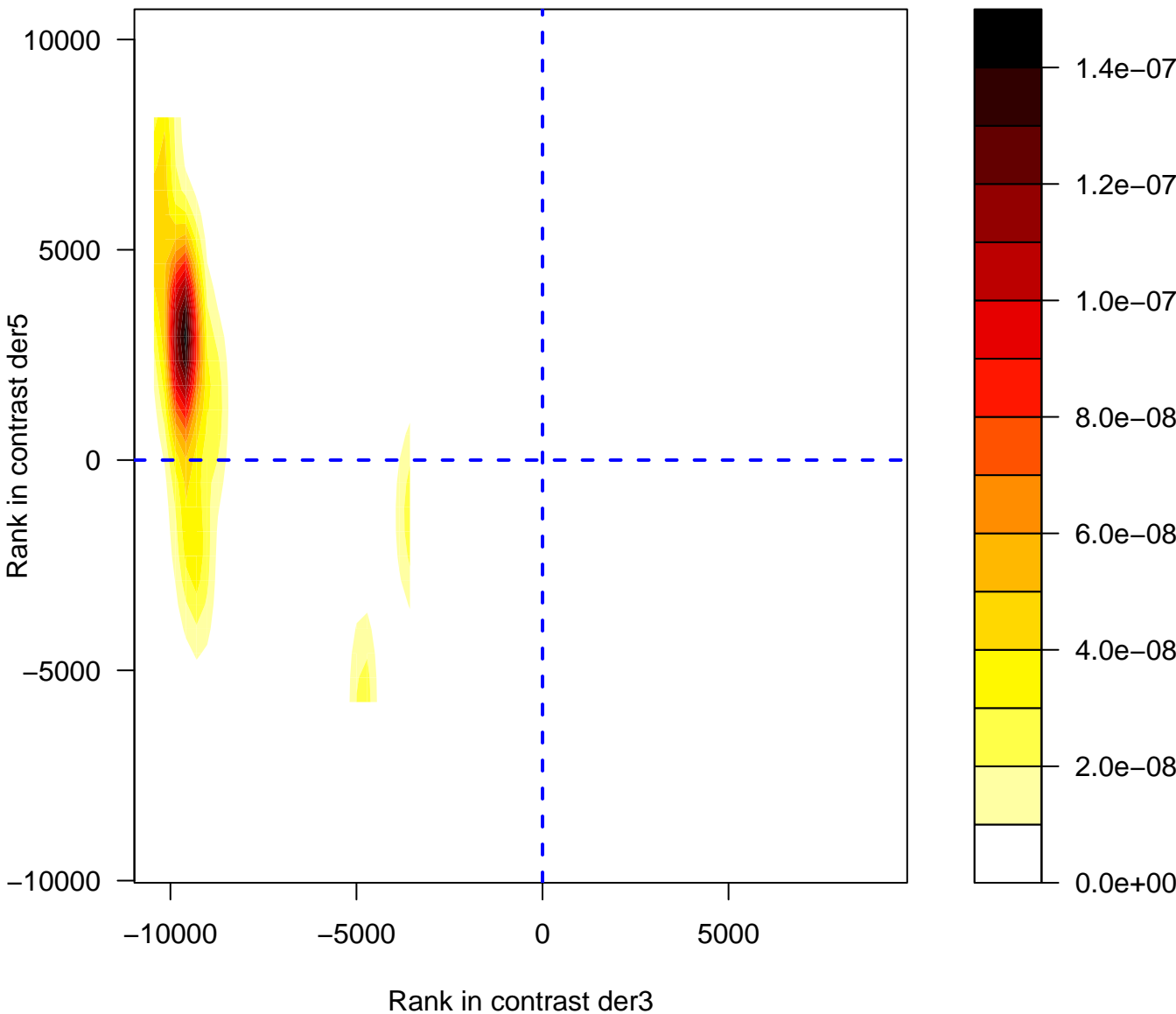
# transport.p..and.v.ATPases.H..transporting.two.sector.ATPase



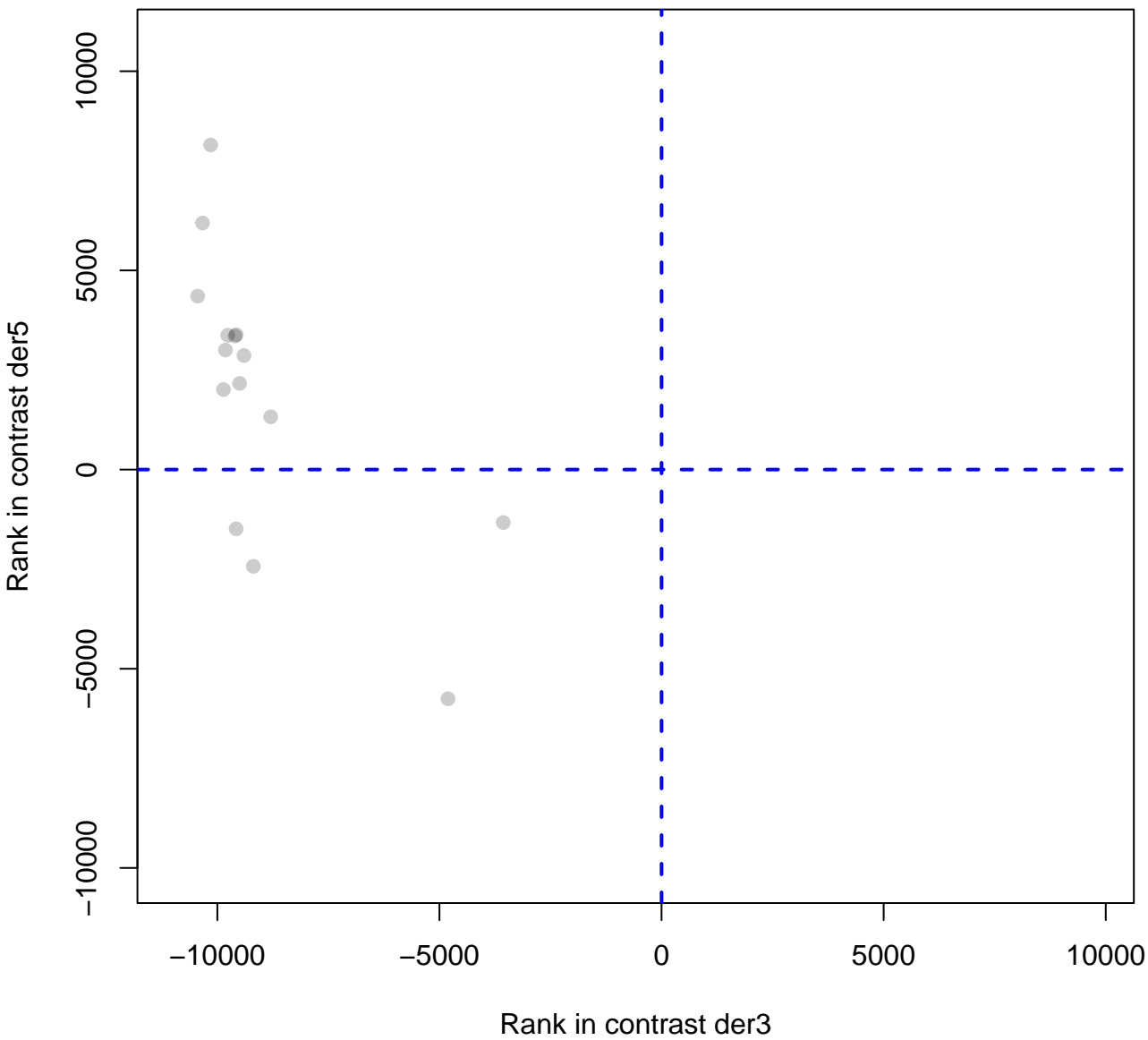
transport.p.and.v.ATPases.H..transporting.two.s



# PS.lightreaction.photosystem.II.LHC.II

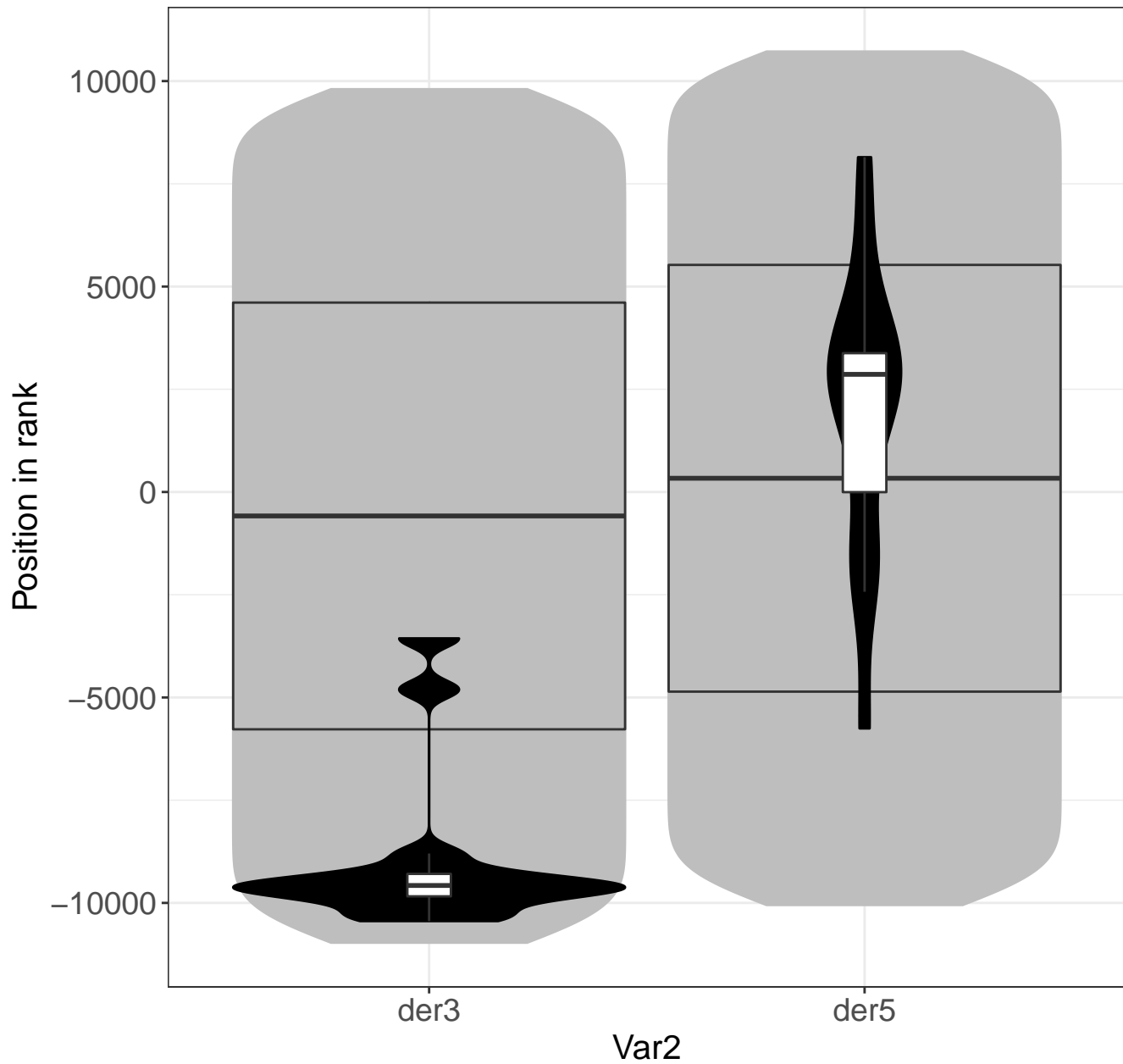


# PS.lightreaction.photosystem.II.LHC.II

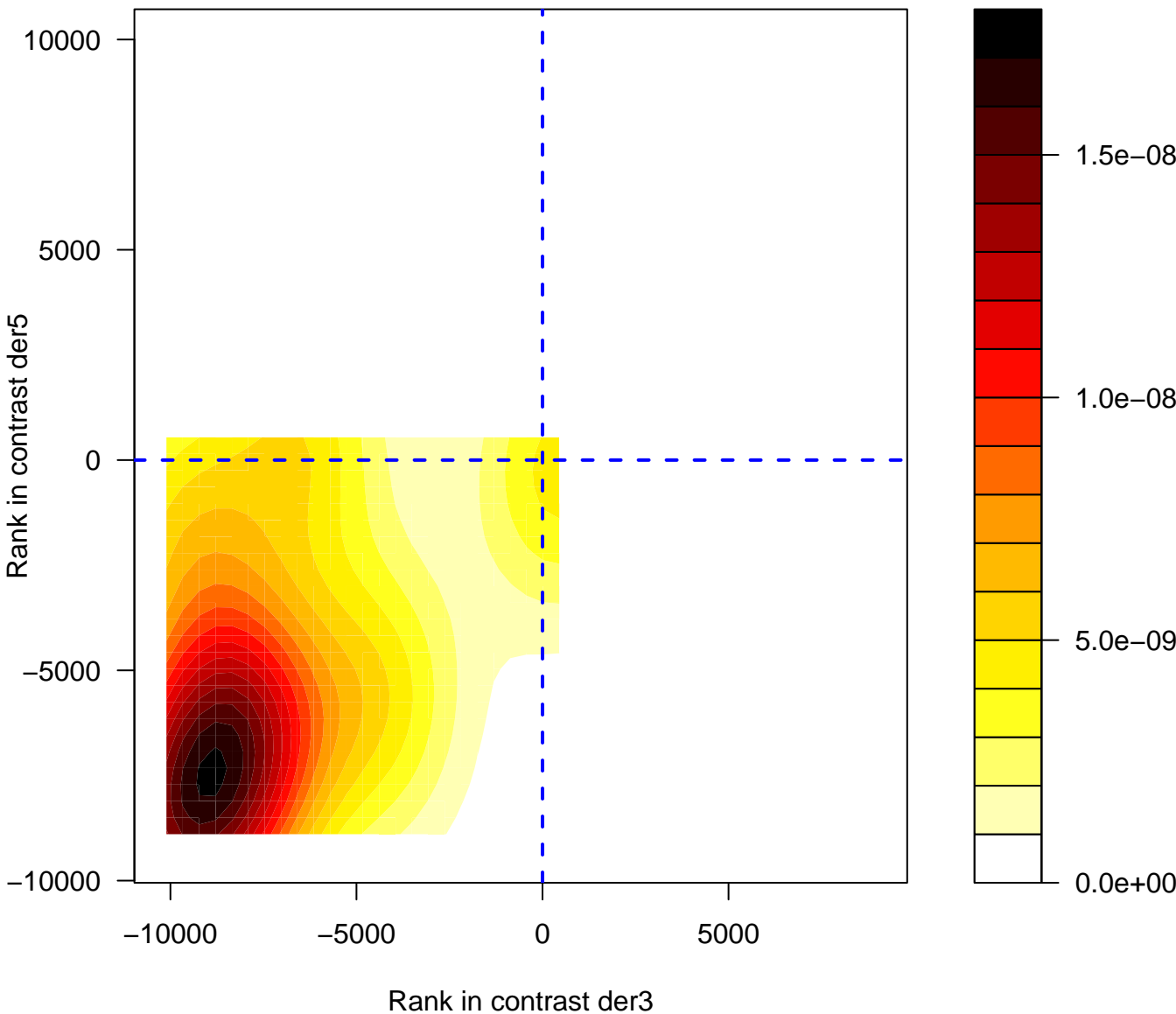




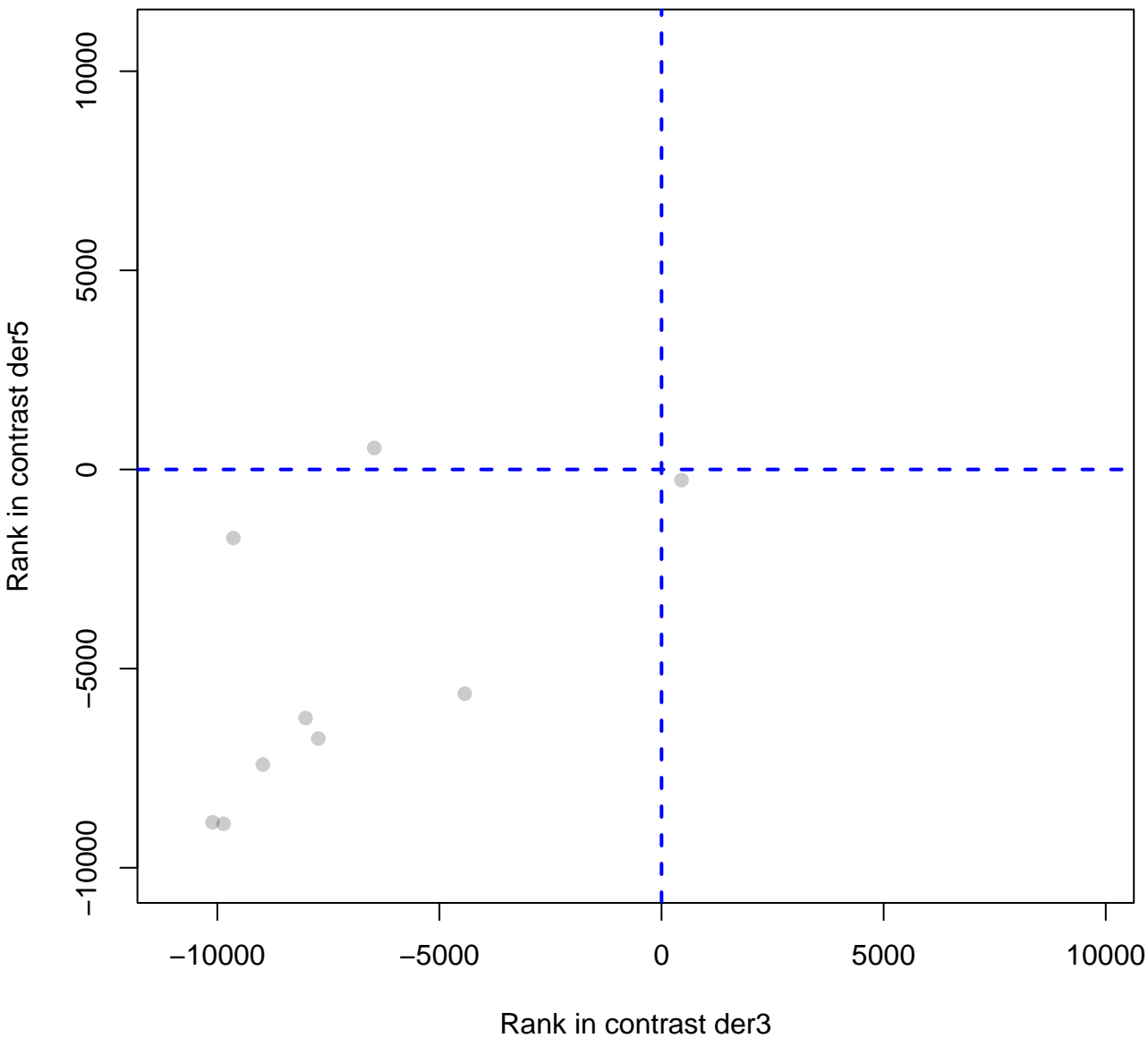
# PS.lightreaction.photosystem.II.LHC.II

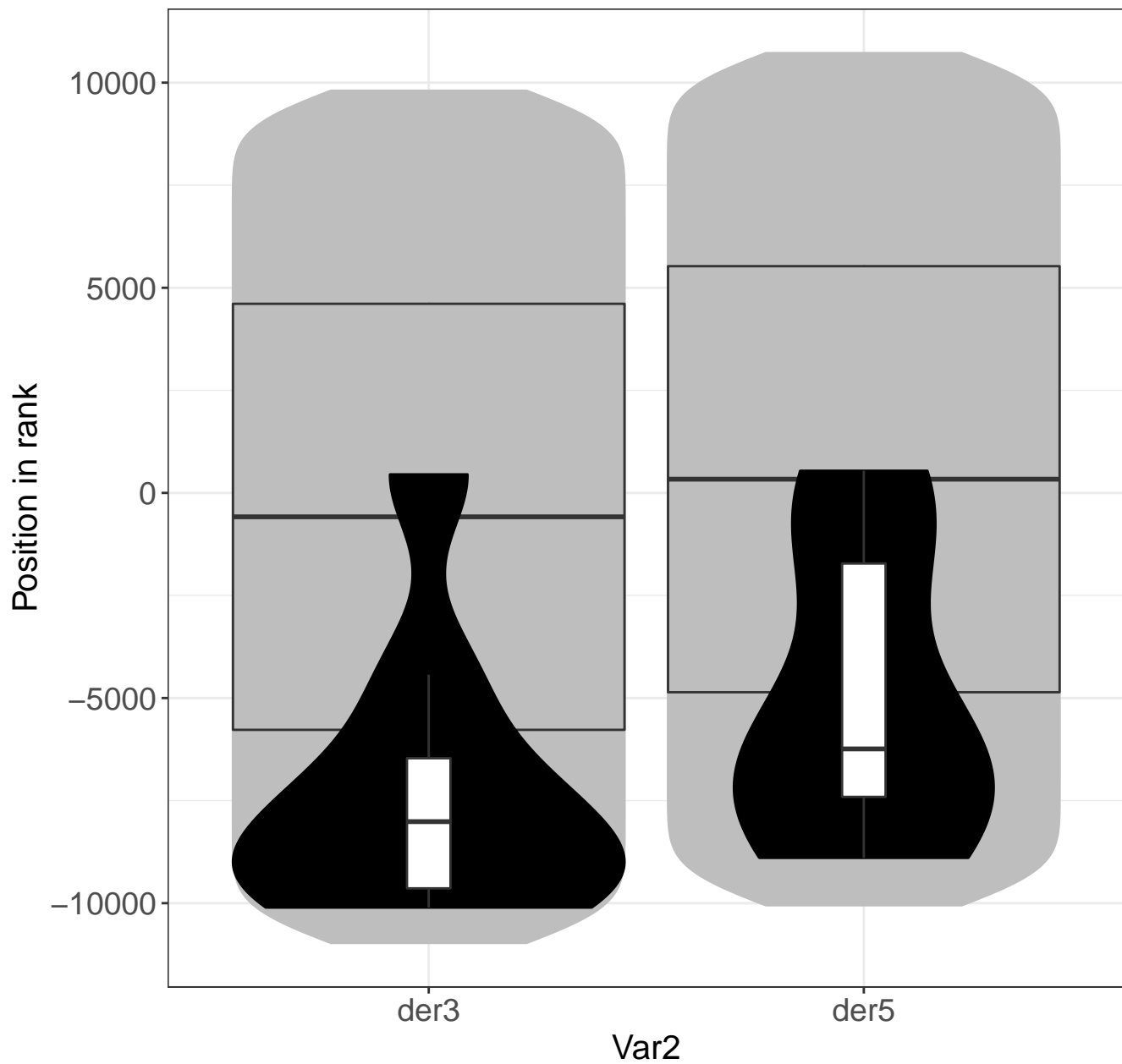


# PS.lightreaction.cyclic.electron.flow.chlororespiration

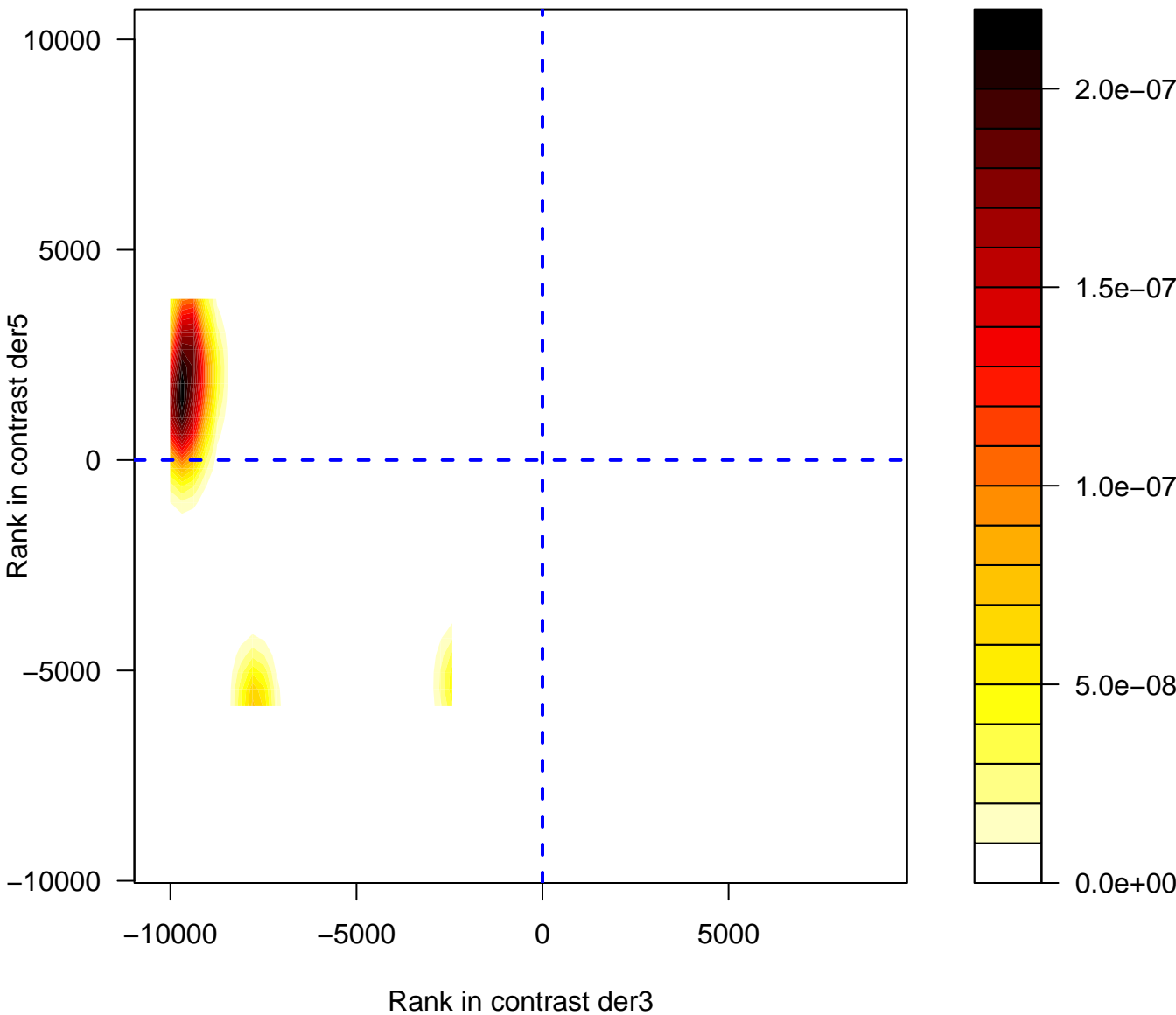


# PS.lightreaction.cyclic.electron.flow.chlororespiration

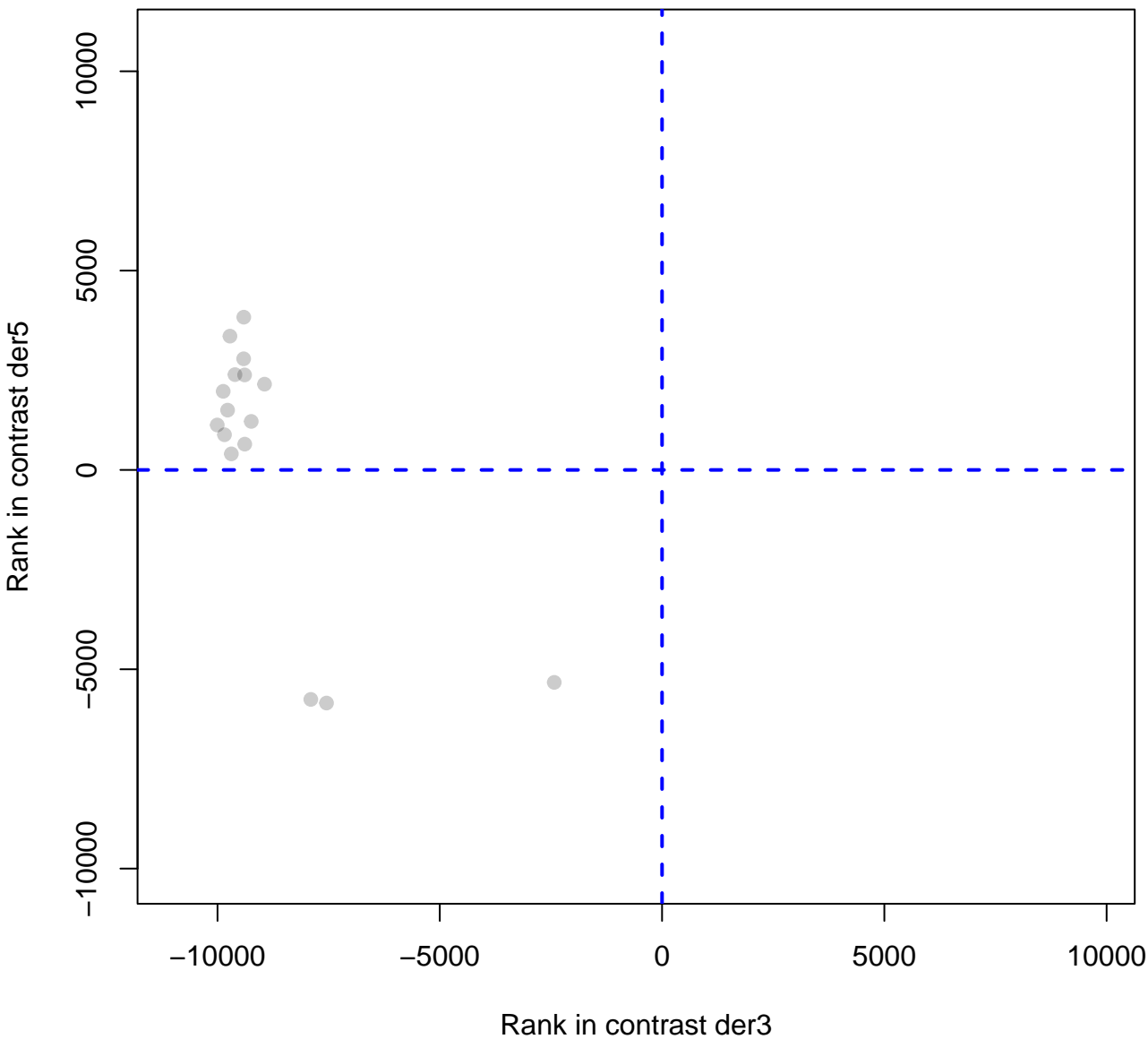




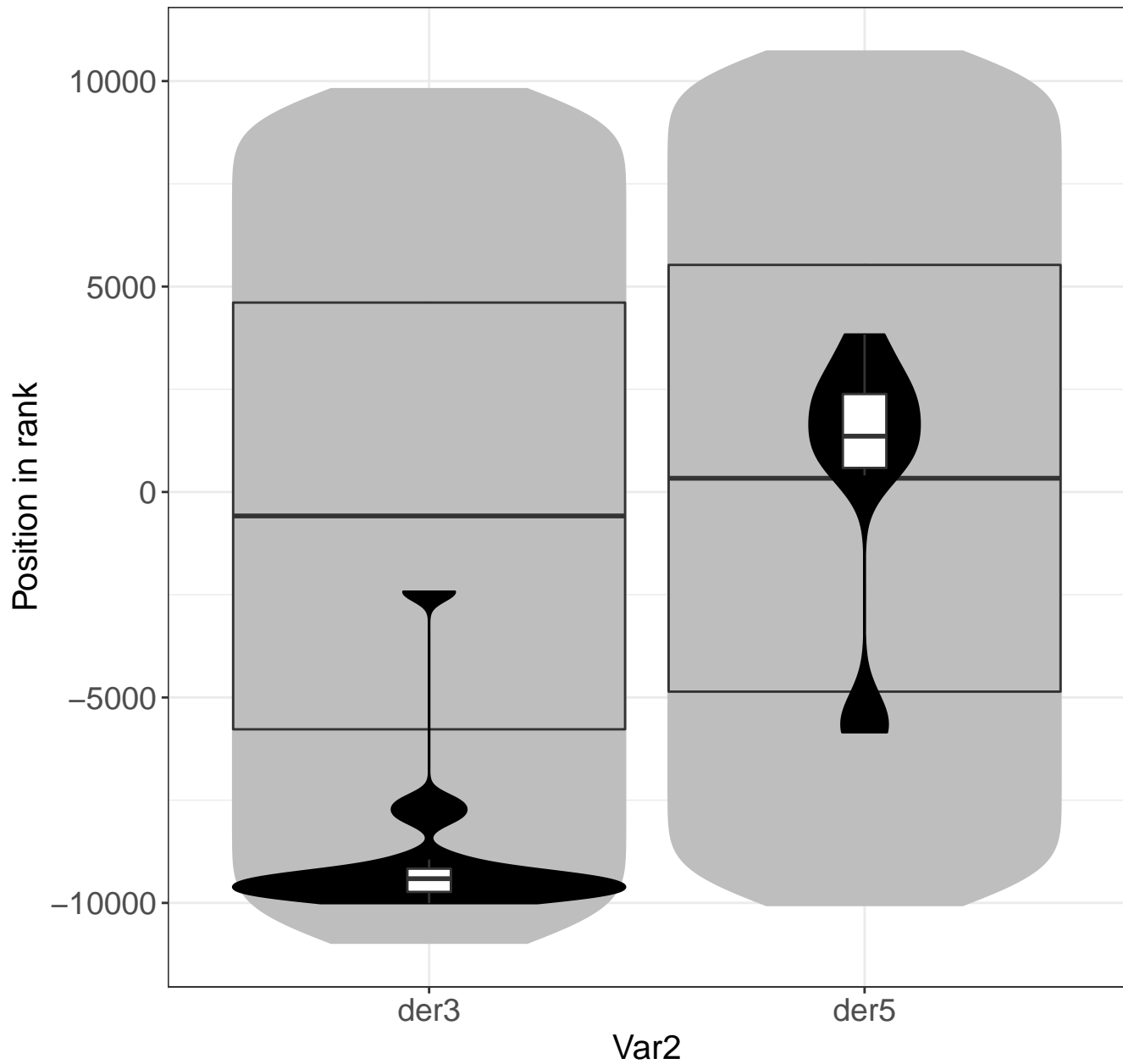
# PS.lightreaction.photosystem.I.PSI.polypeptide.subunit



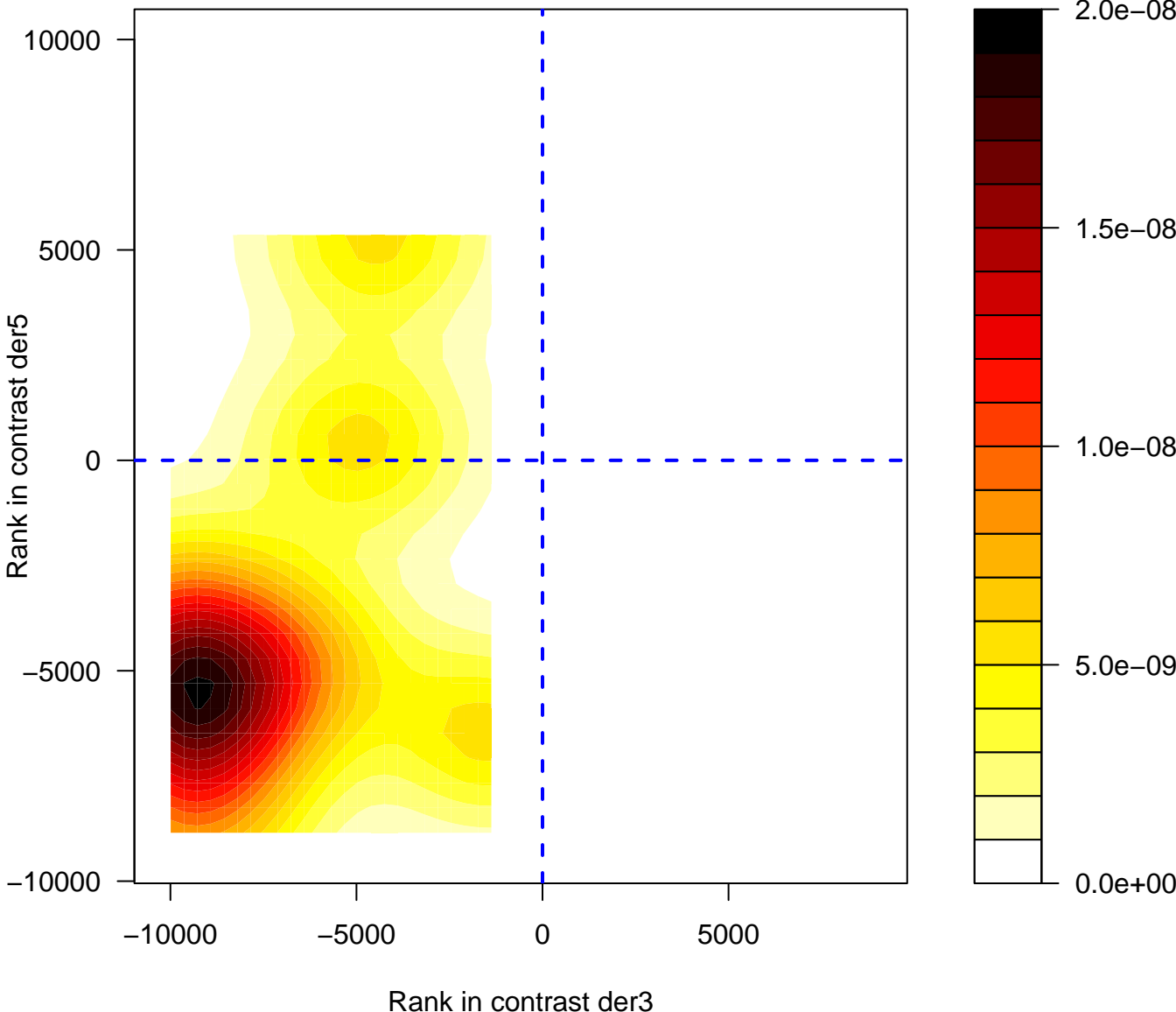
# PS.lightreaction.photosystem.I.PSI.polypeptide.subunits



# PS.lightreaction.photosystem.I.PSI.polypeptide.s

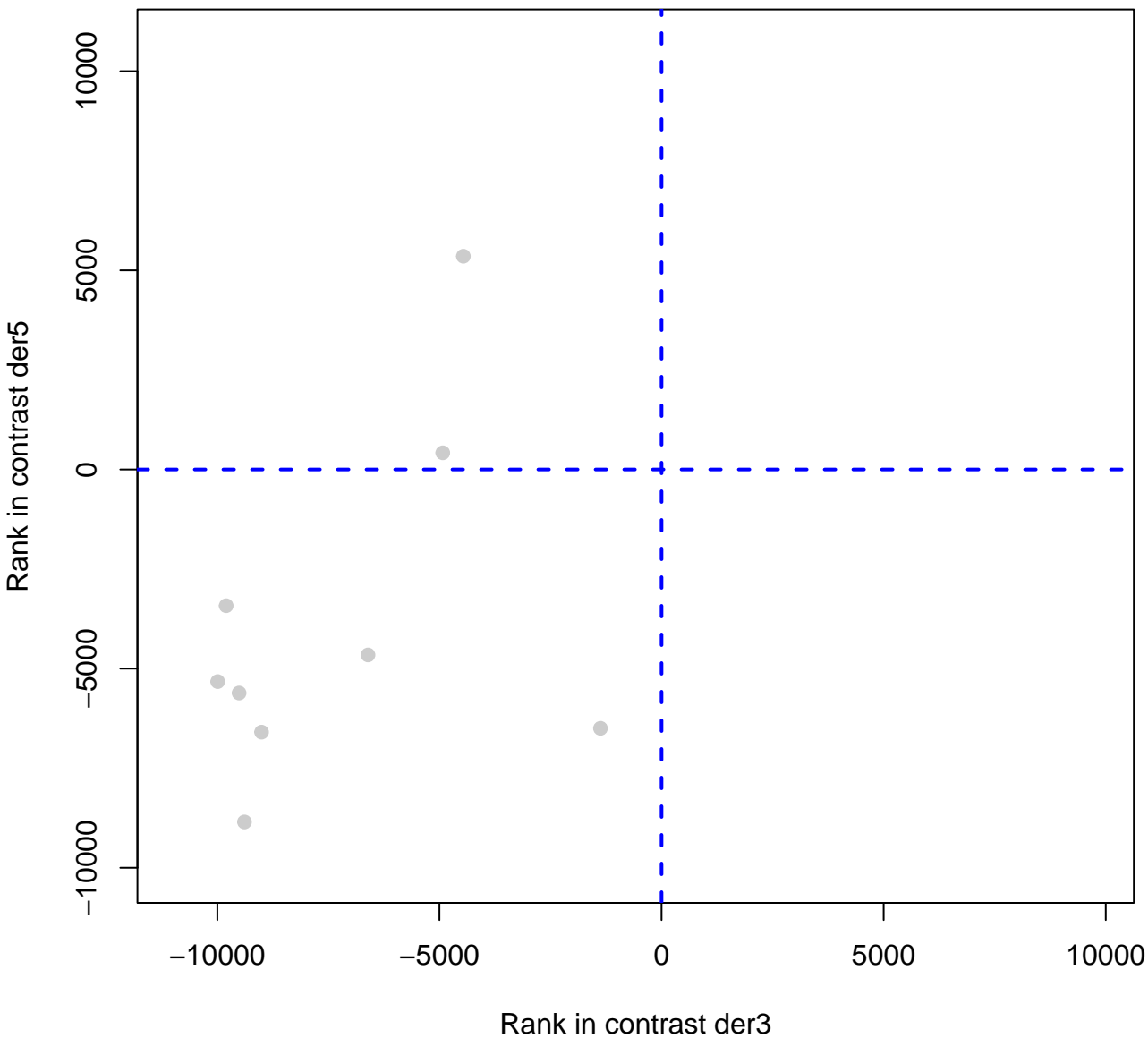


# PS.lightreaction.NADH.DH

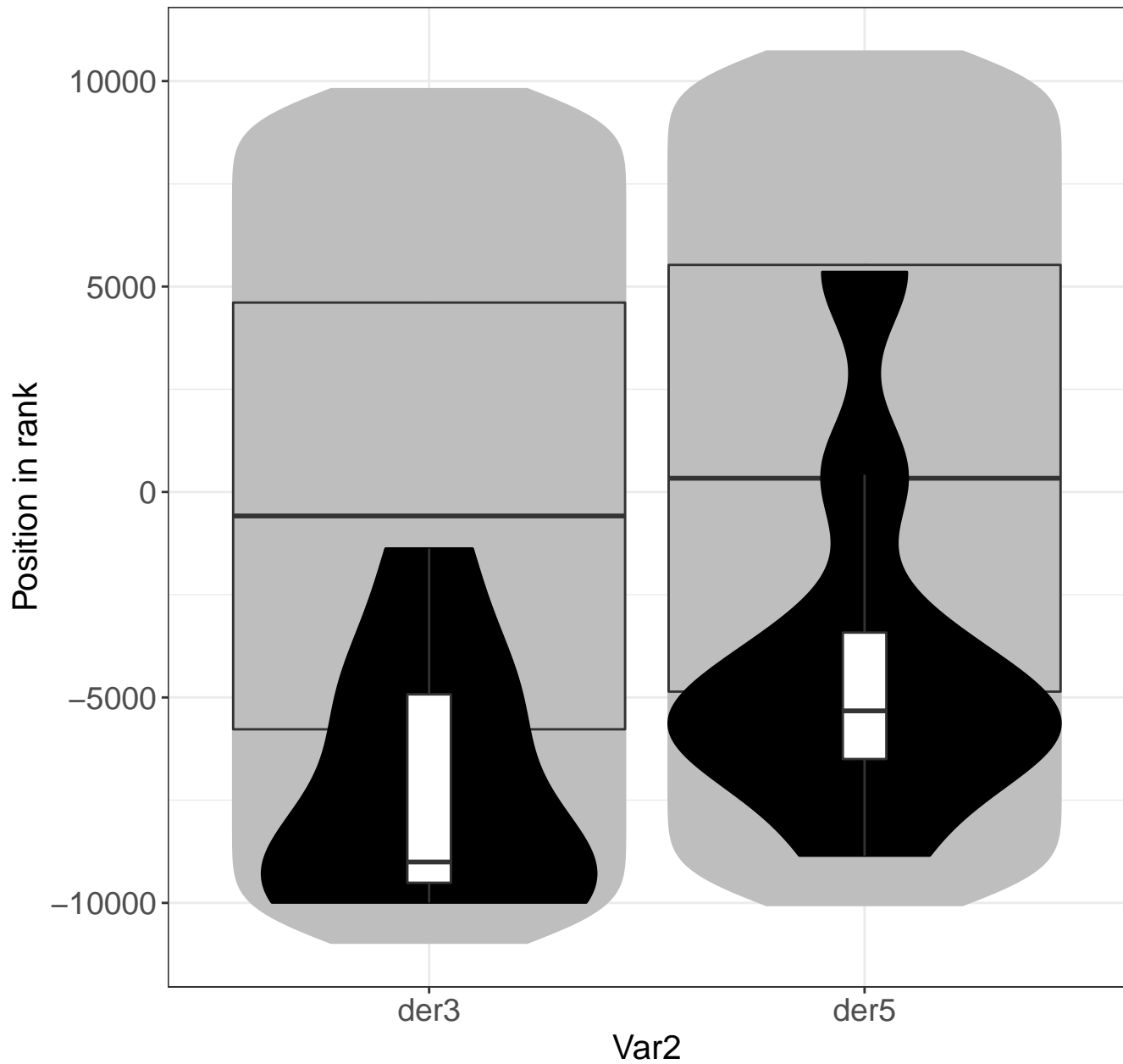




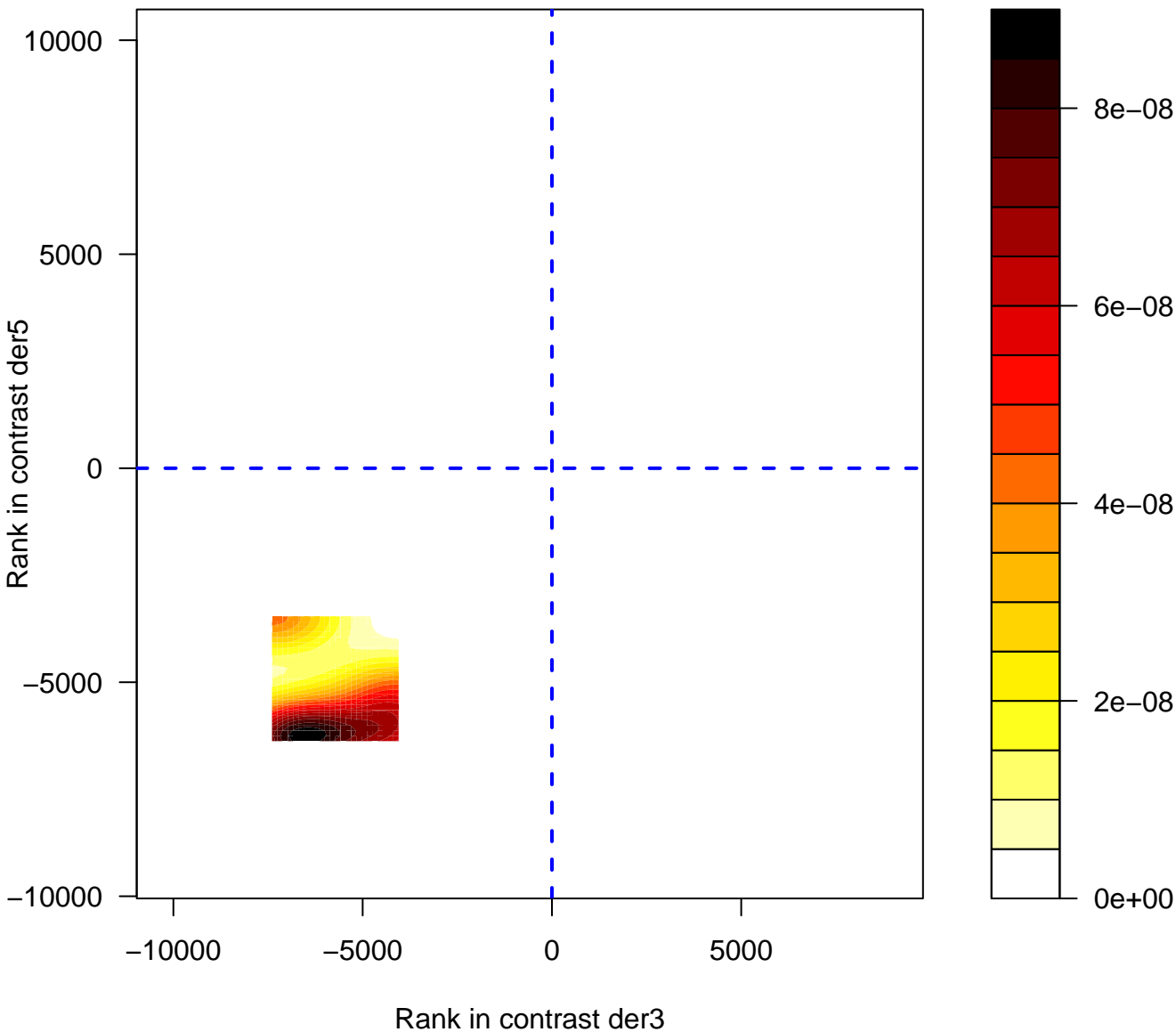
# PS.lightreaction.NADH.DH



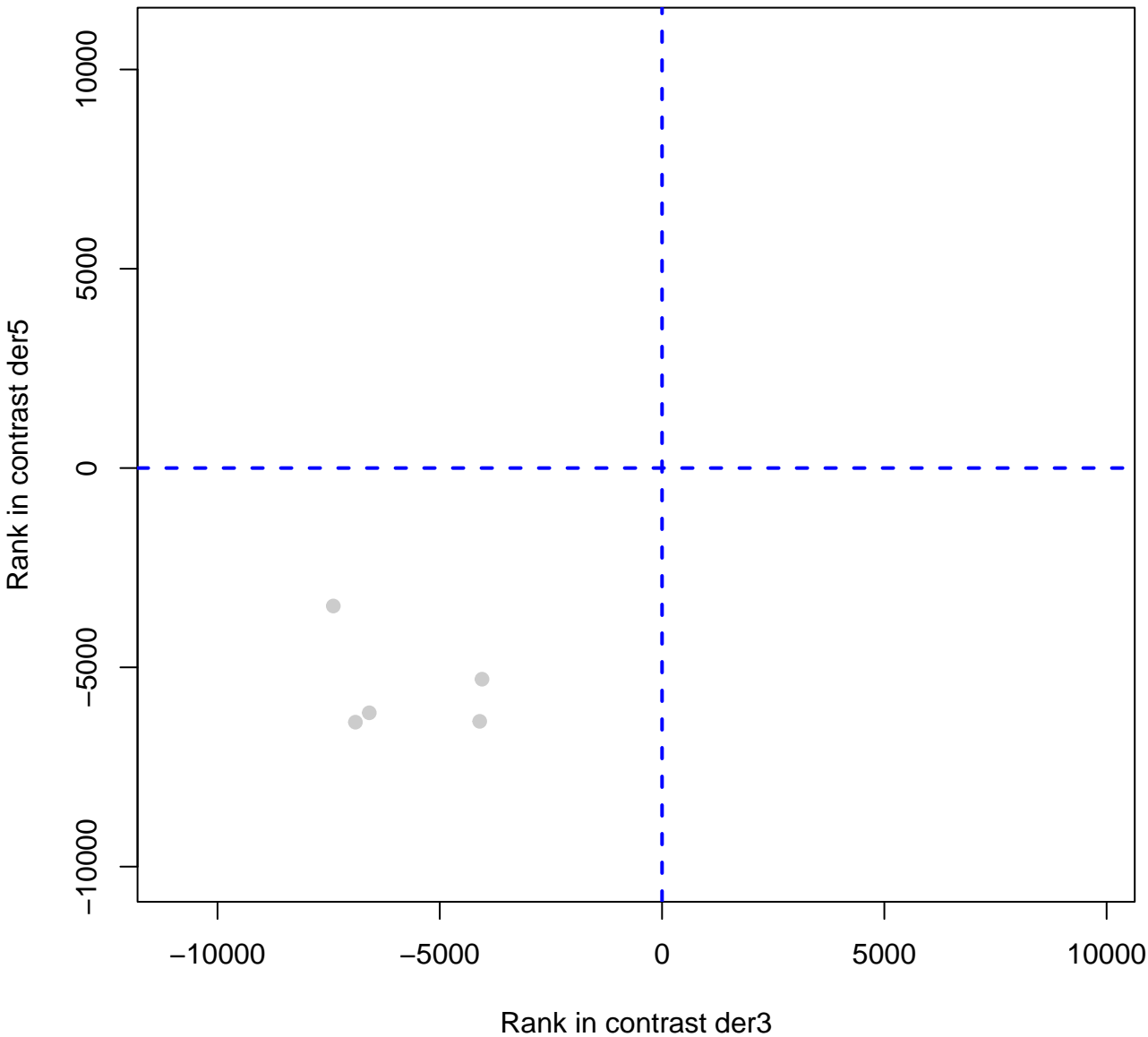
# PS.lightreaction.NADH.DH



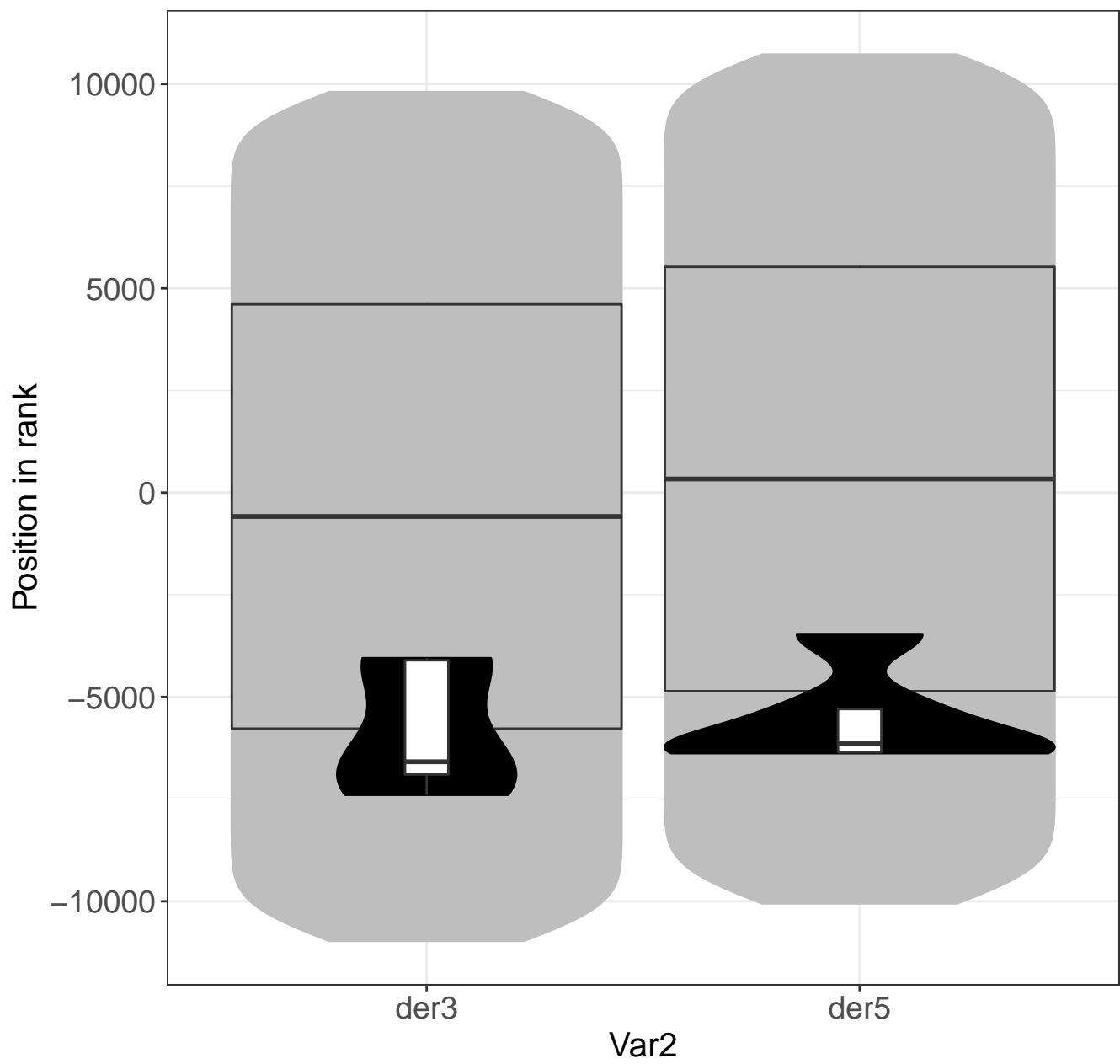
# protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit



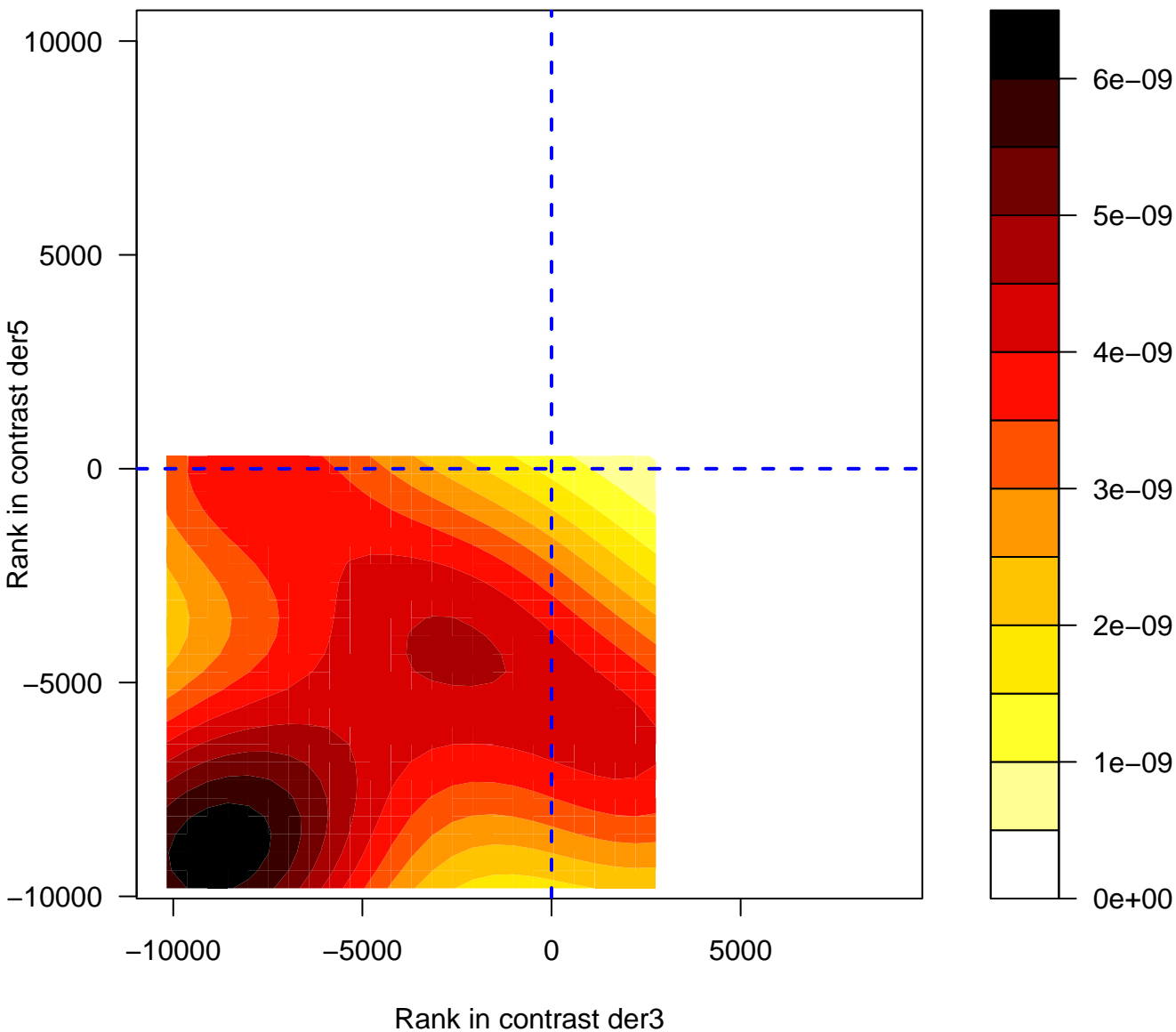
protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit.L41



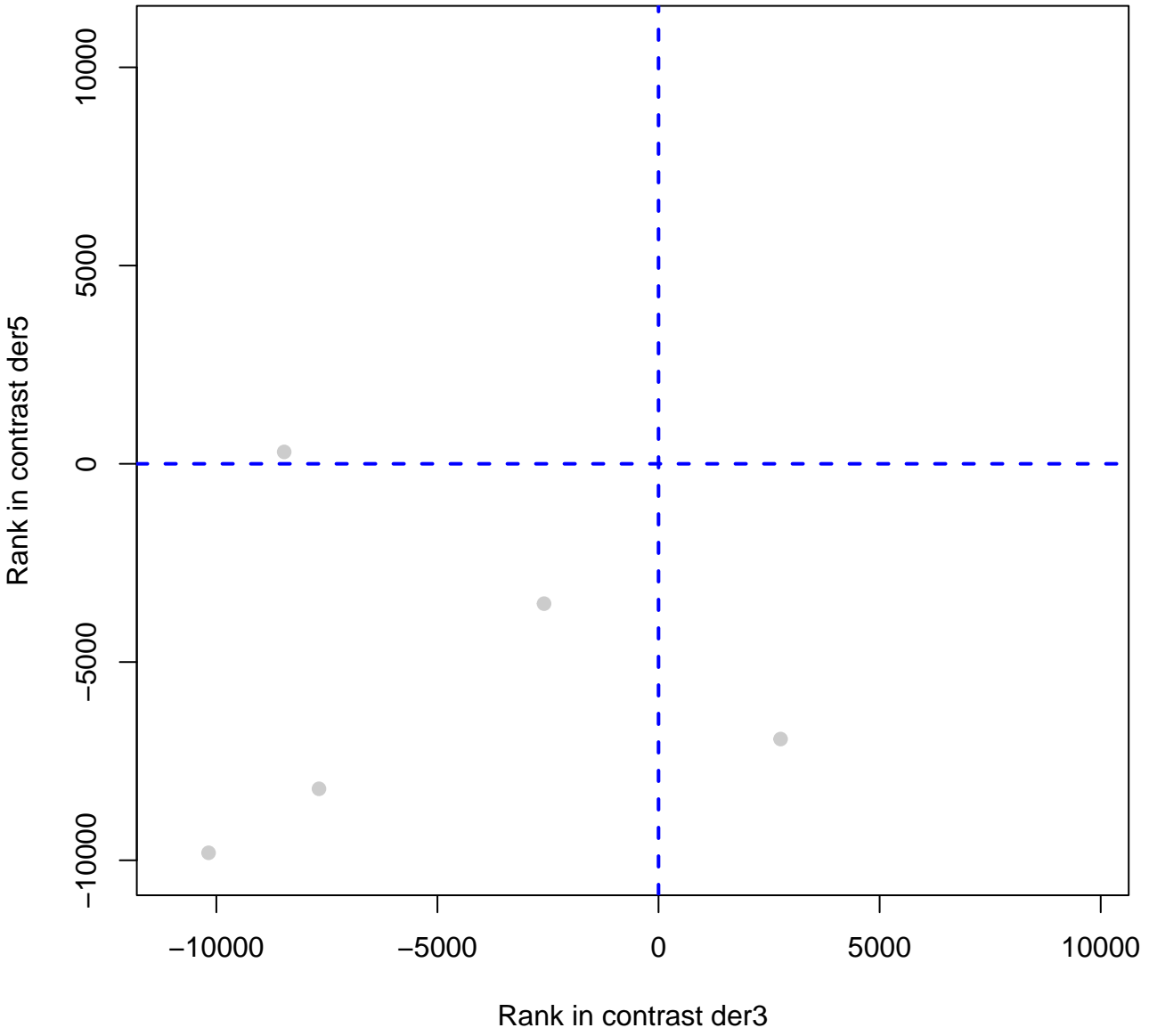
protein.synthesis.ribosomal.protein.eukaryotic.60



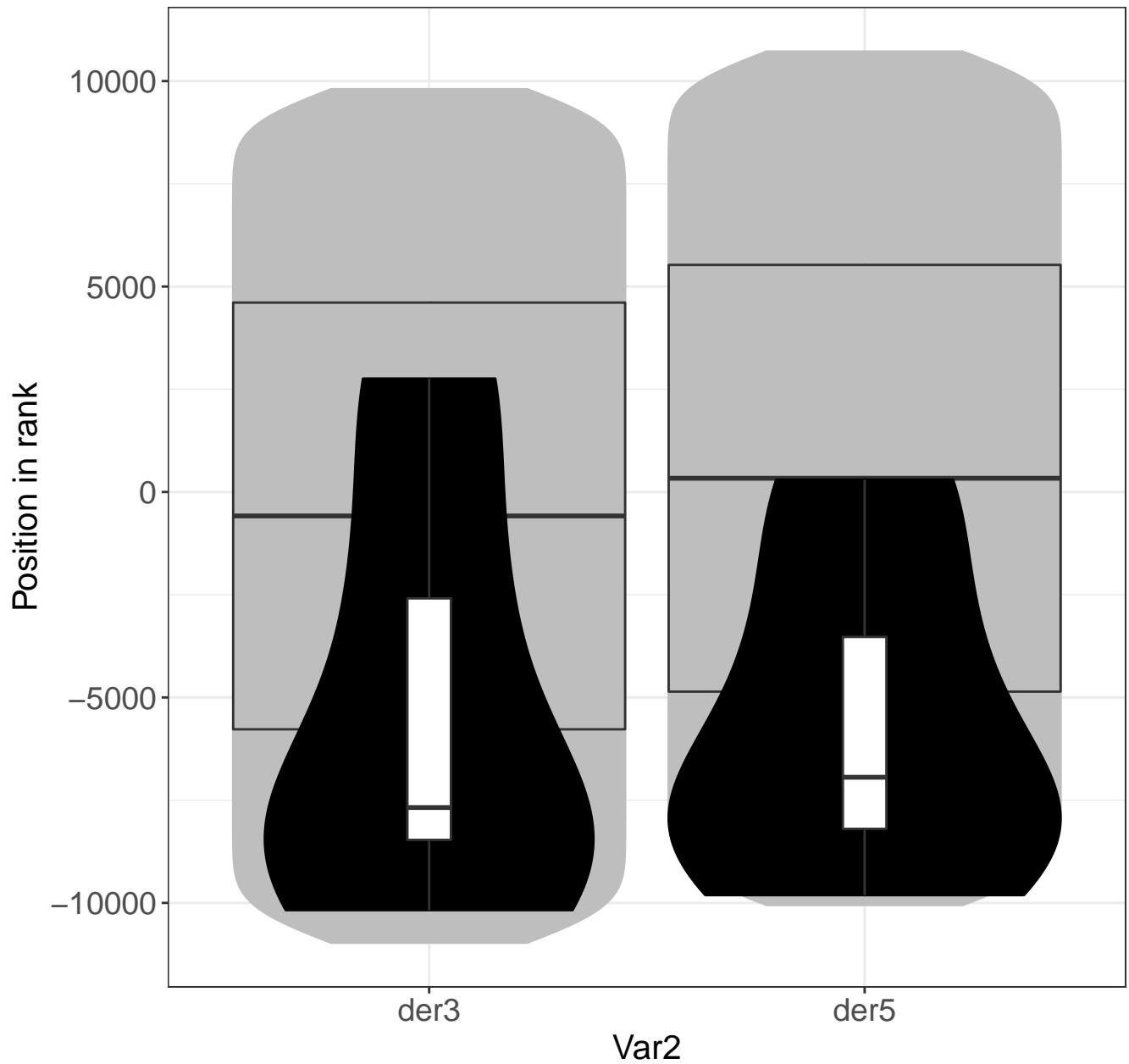
# one.metabolism.jasmonate.synthesis.degradation.12.Oxo.PD



hormone.metabolism.jasmonate.synthesis.degradation.12.Oxo.PDA.reduct

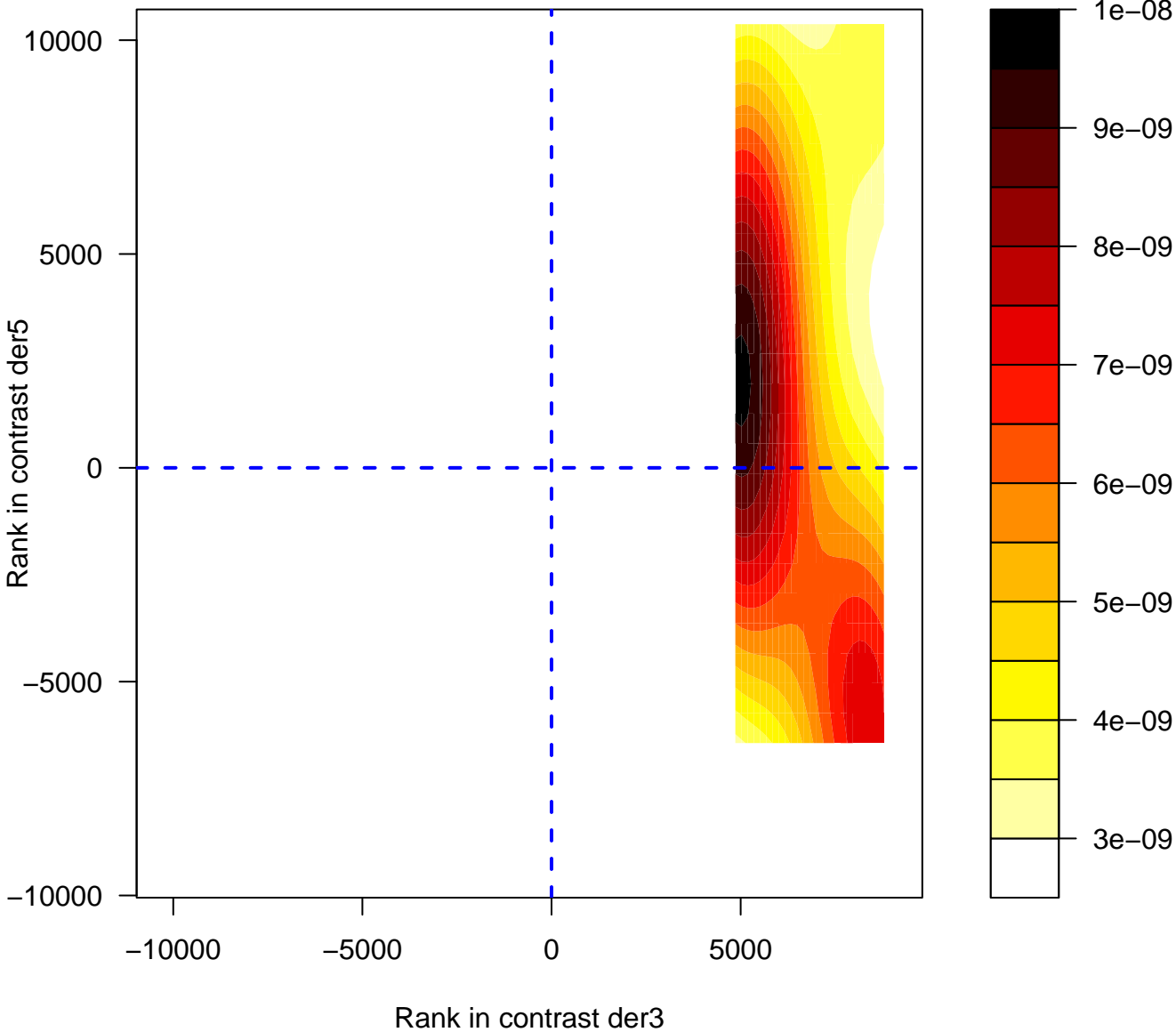


# hormone.metabolism.jasmonate.synthesis.degra

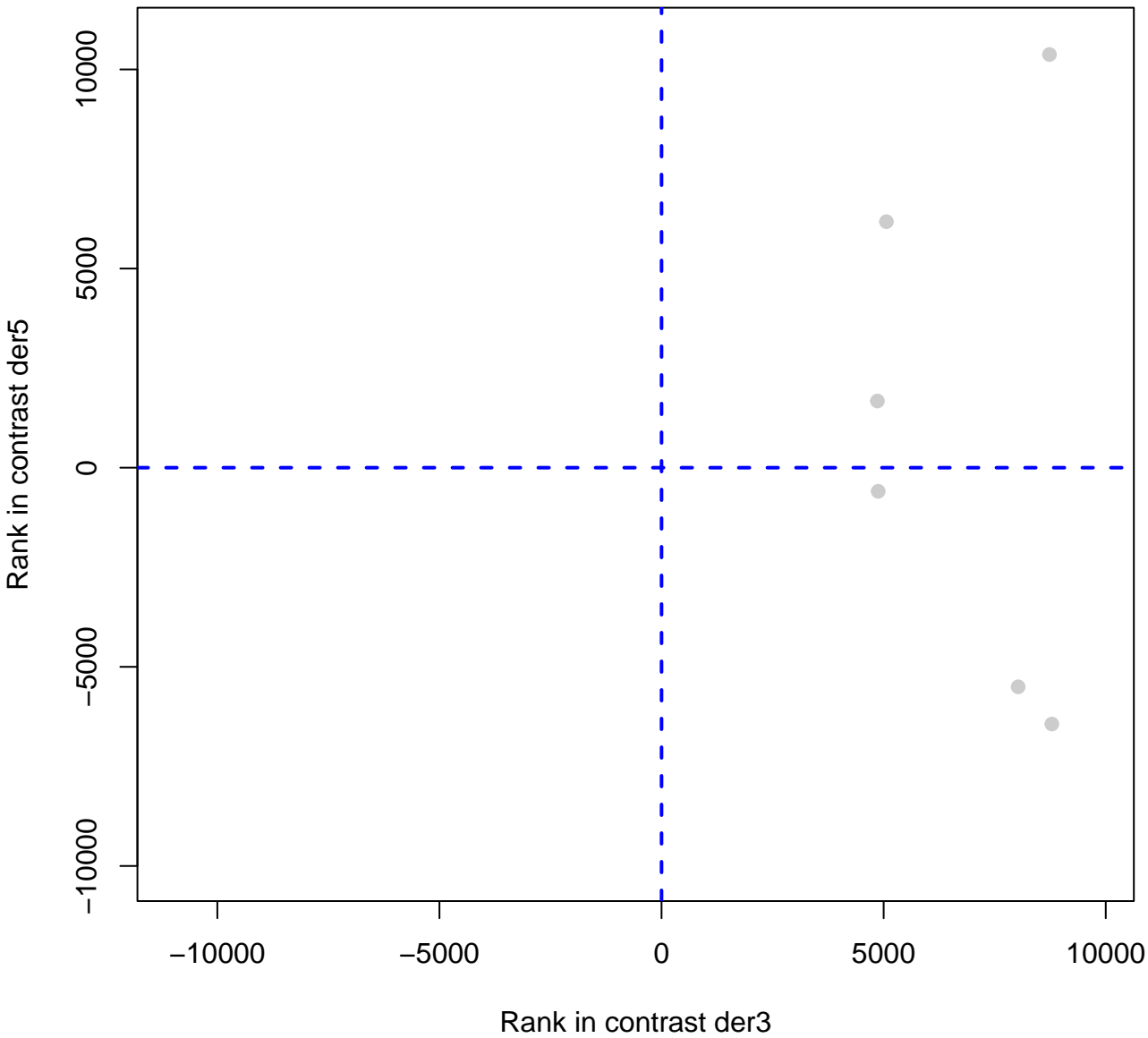




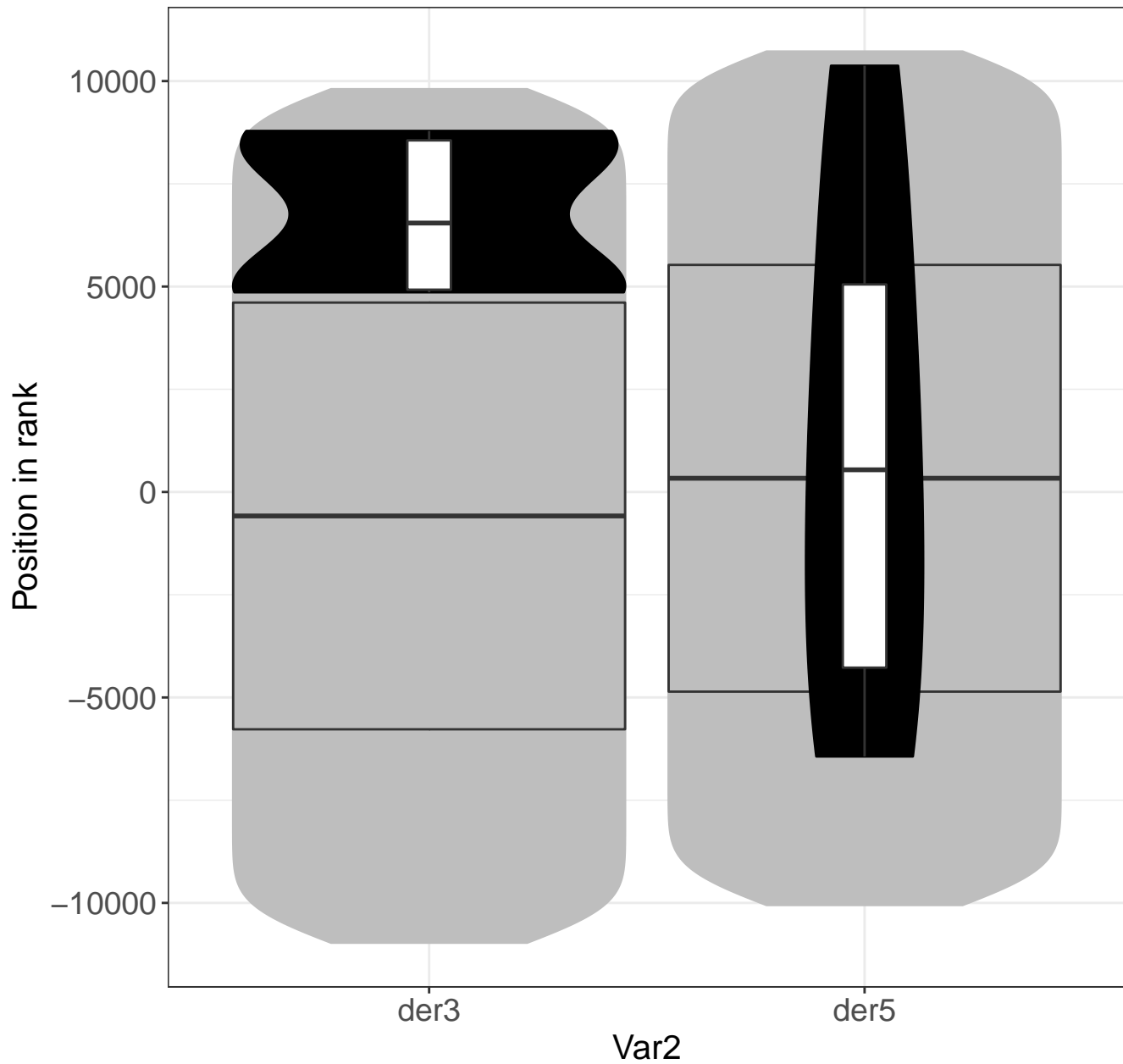
# cell.wall.precursor.synthesis.GAE



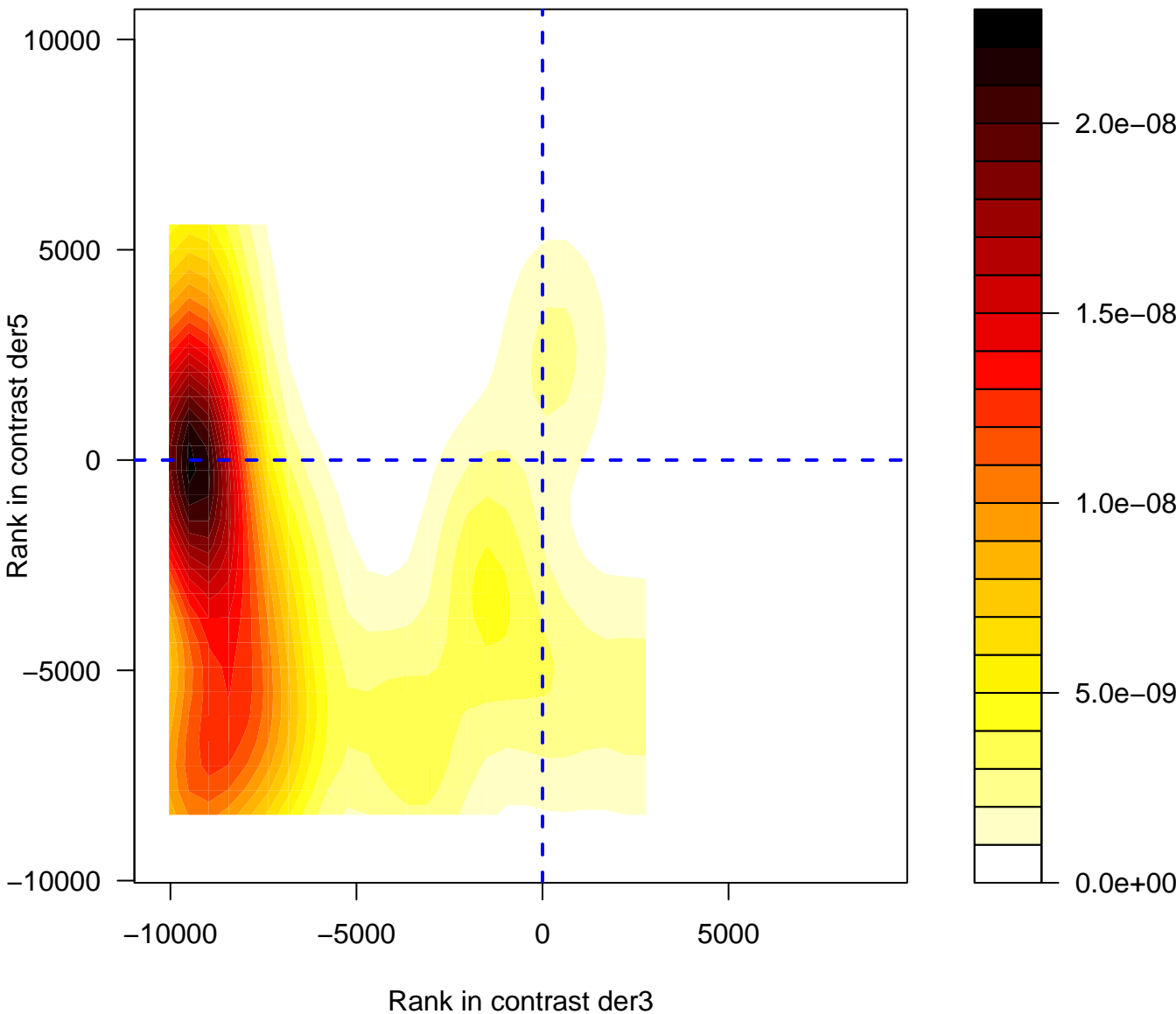
# cell.wall.precursor.synthesis.GAE



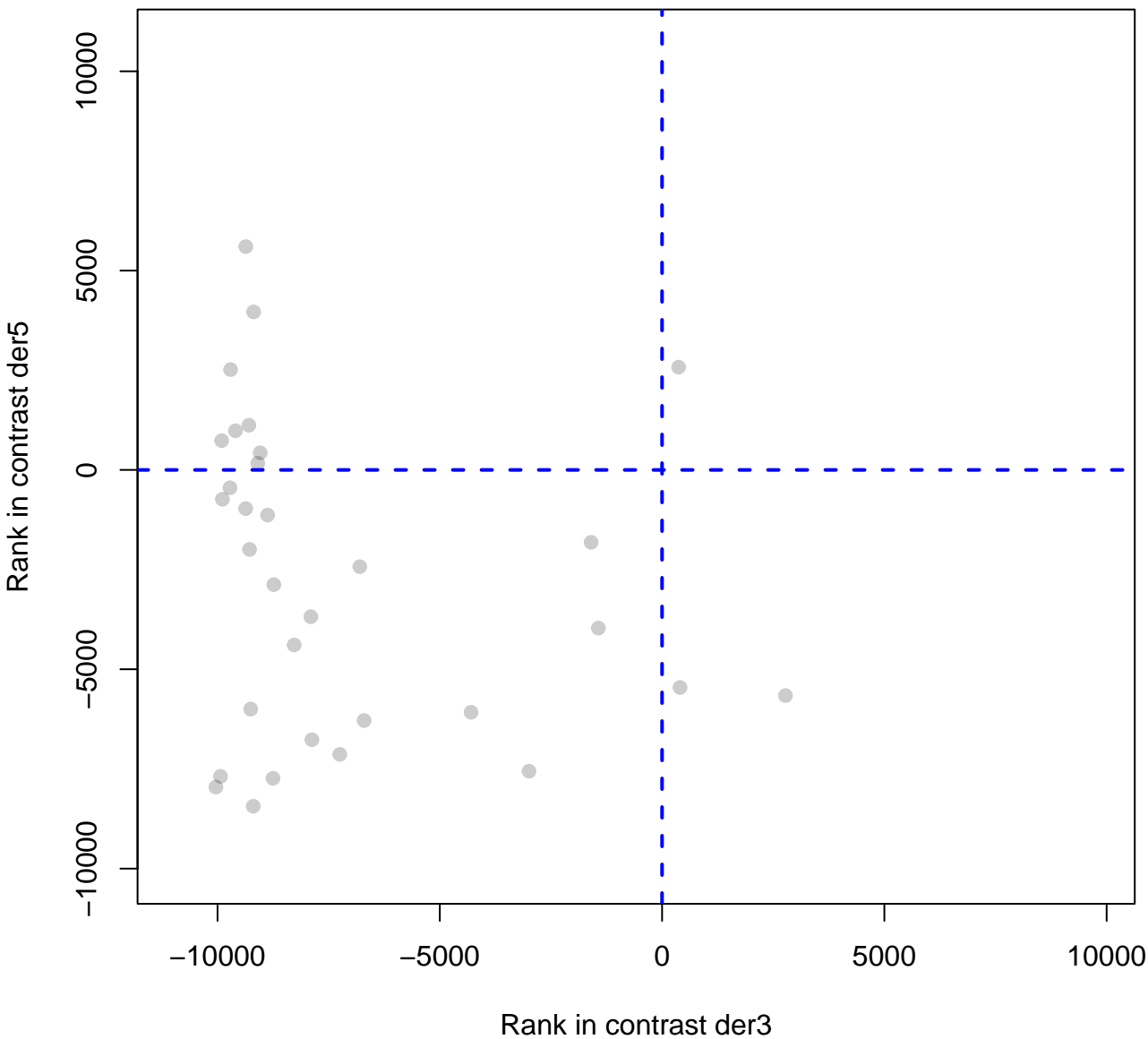
# cell.wall.precursor.synthesis.GAE



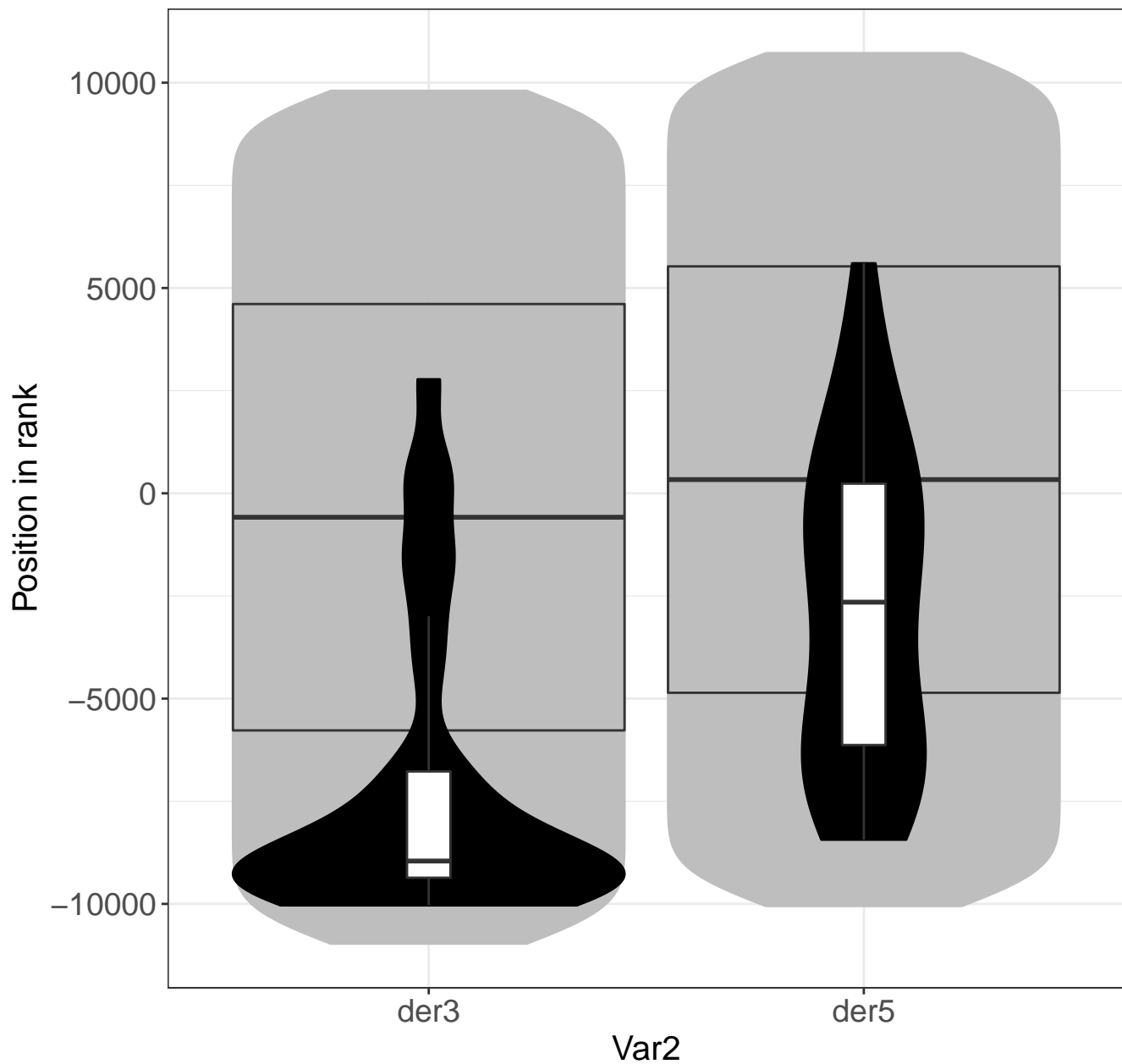
# PS.lightreaction.photosystem.II.PSII.polypeptide.subuni



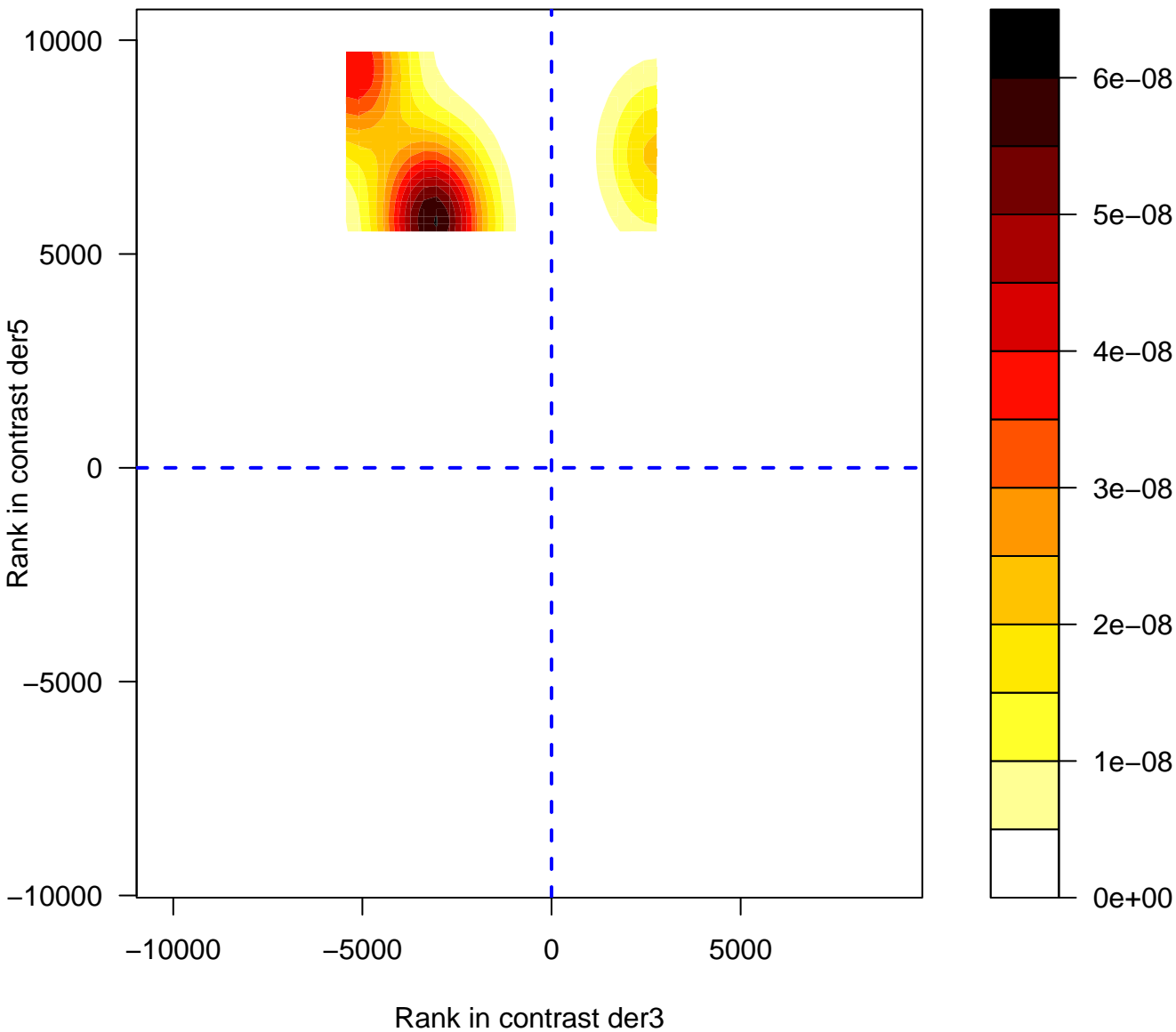
# PS.lightreaction.photosystem.II.PSII.polypeptide.subunits



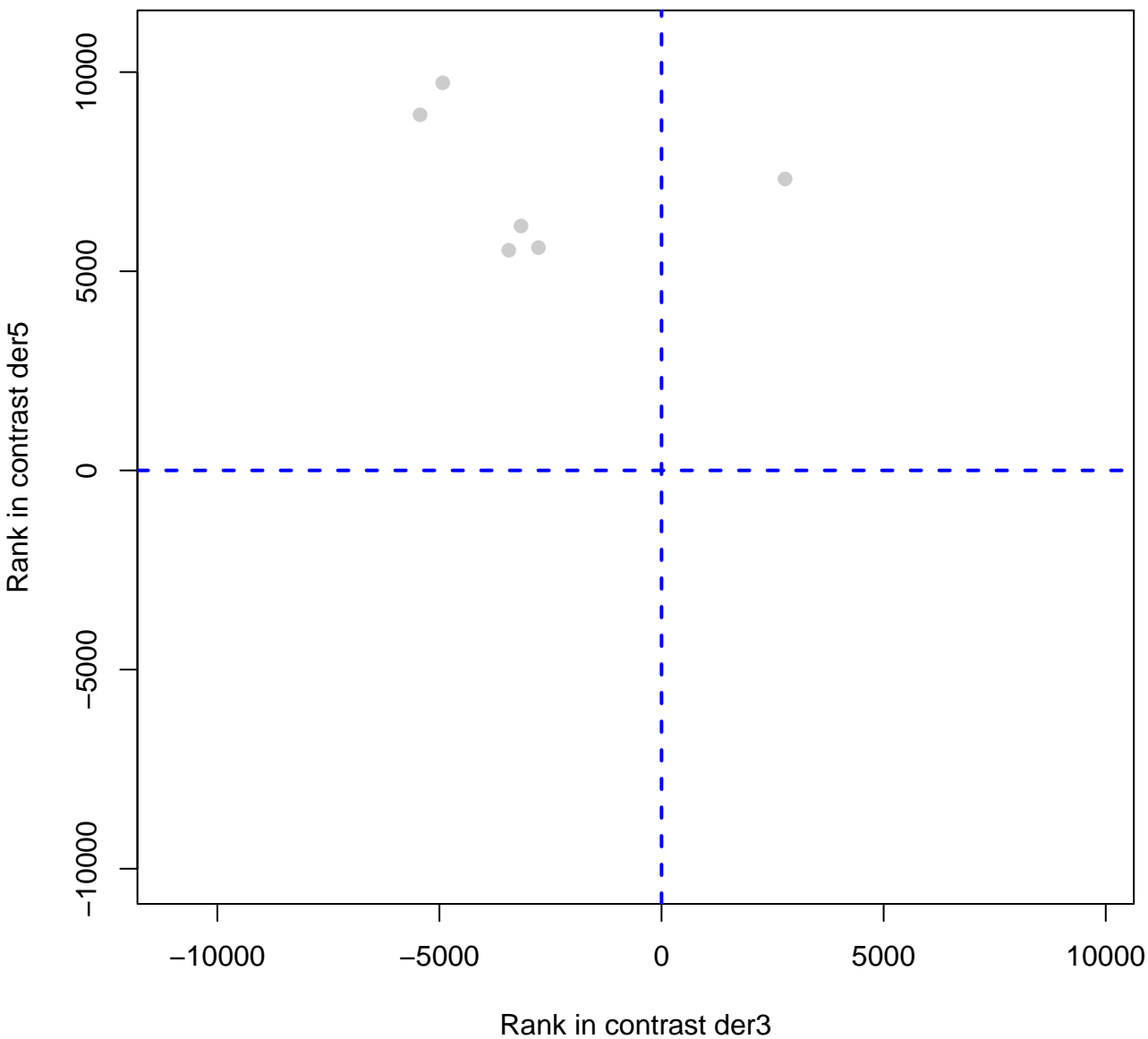
# PS.lightreaction.photosystem.II.PSII.polypeptide.



# s.ribosome.biogenesis.Pre.rRNA.processing.and.modificatio

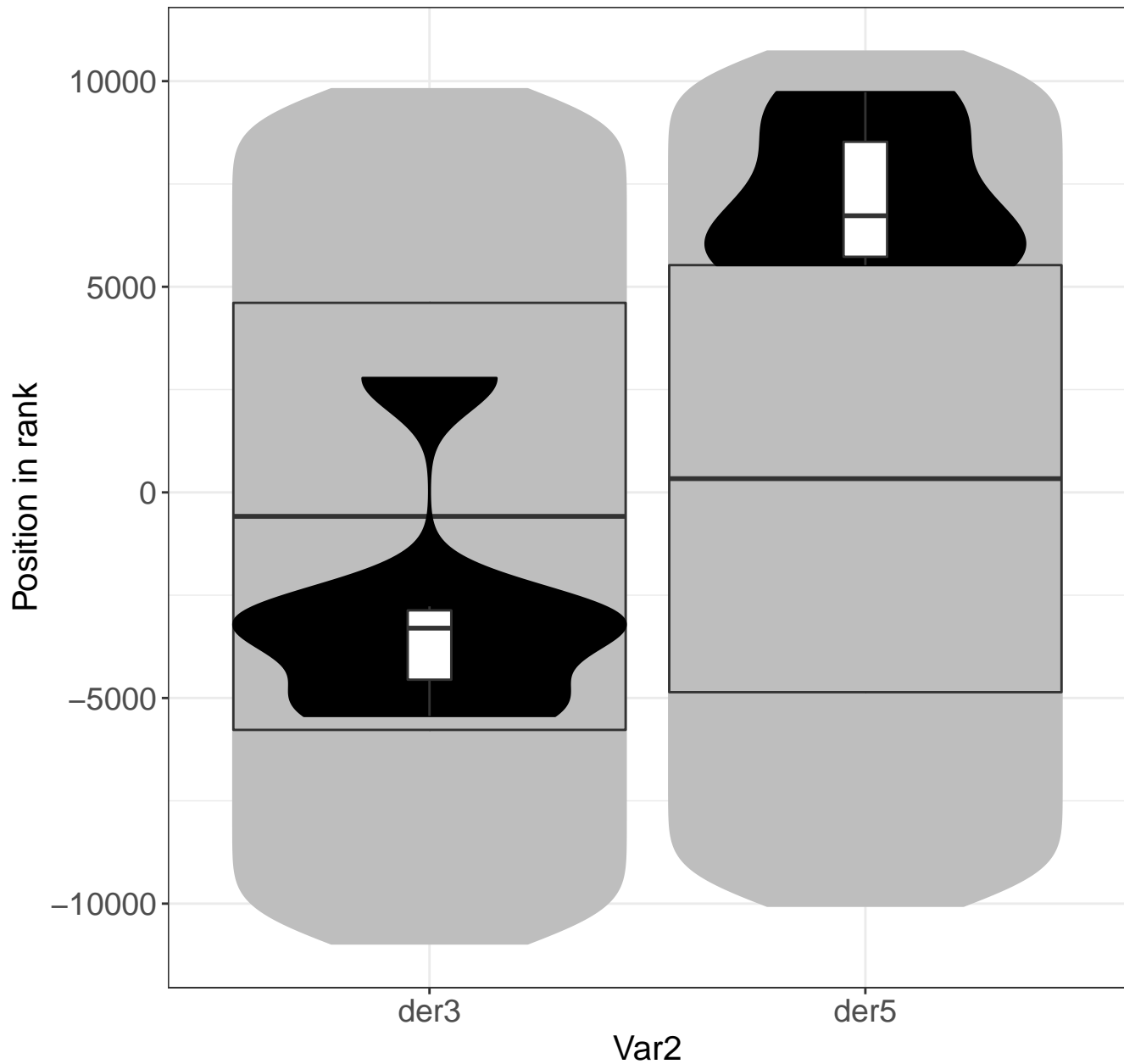


ynthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.WD.re

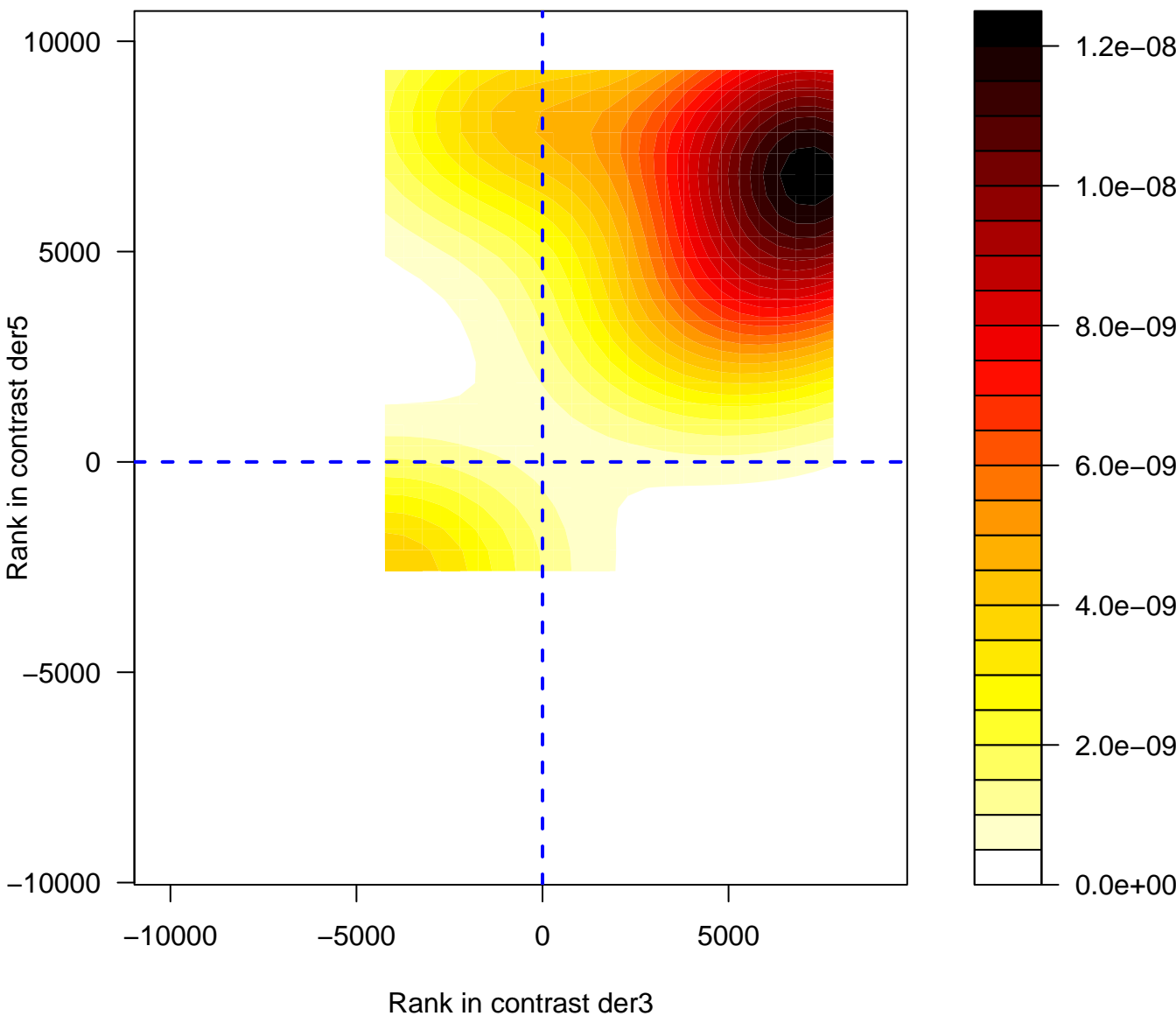




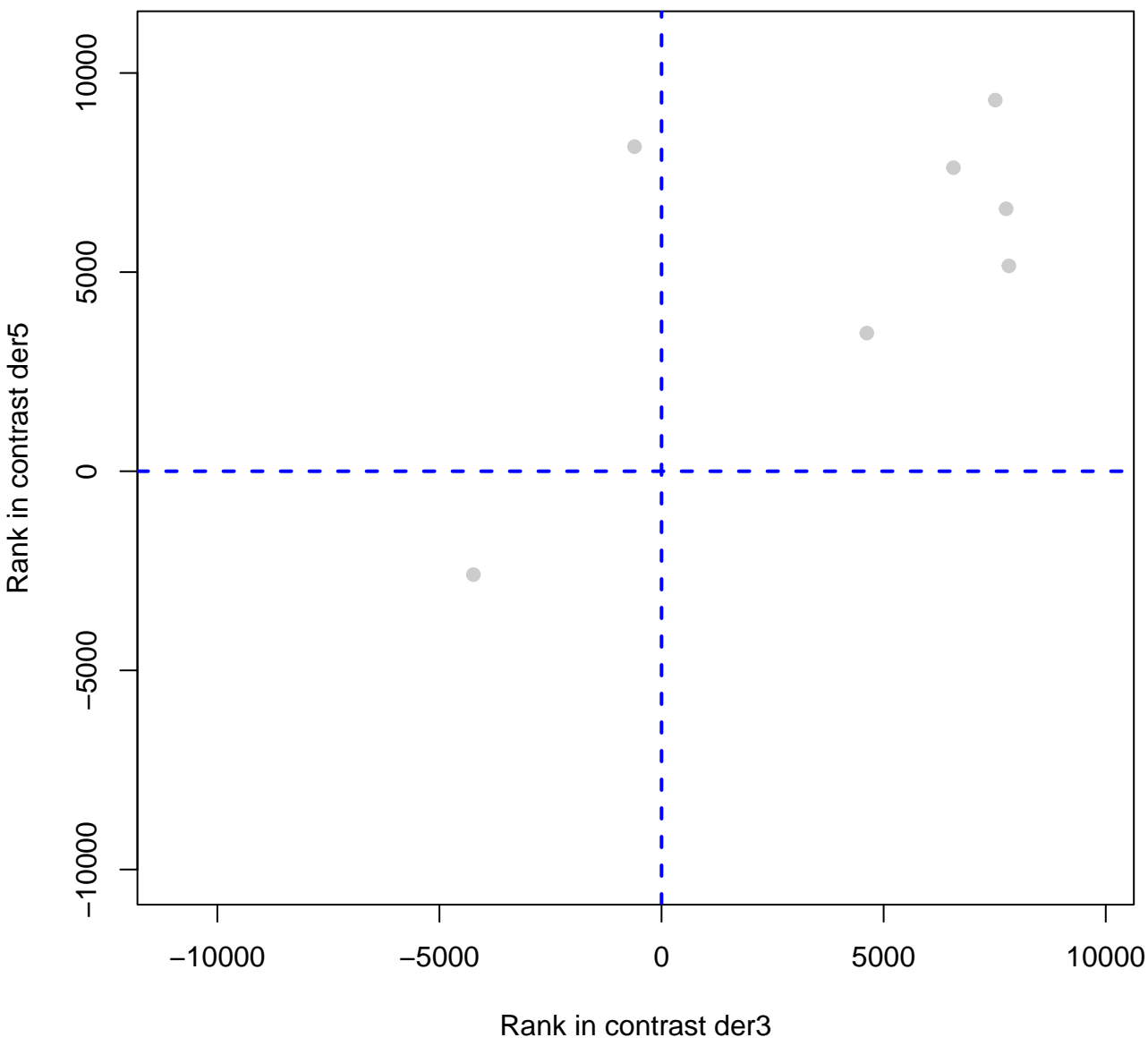
protein.synthesis.ribosome.biogenesis.Pre.rRNA



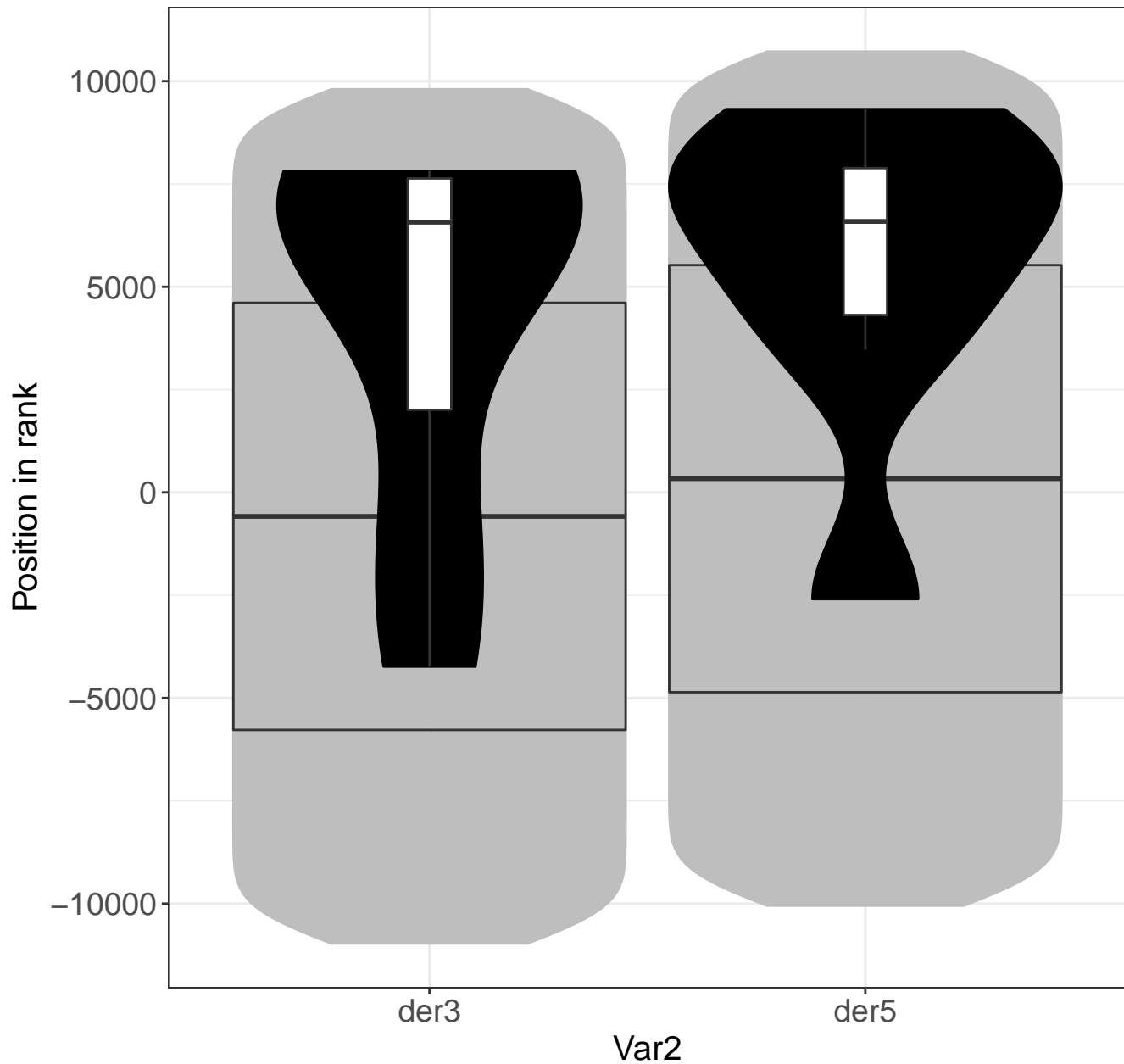
# secondary.metabolism.phenylpropanoids.lignin.biosynthesi



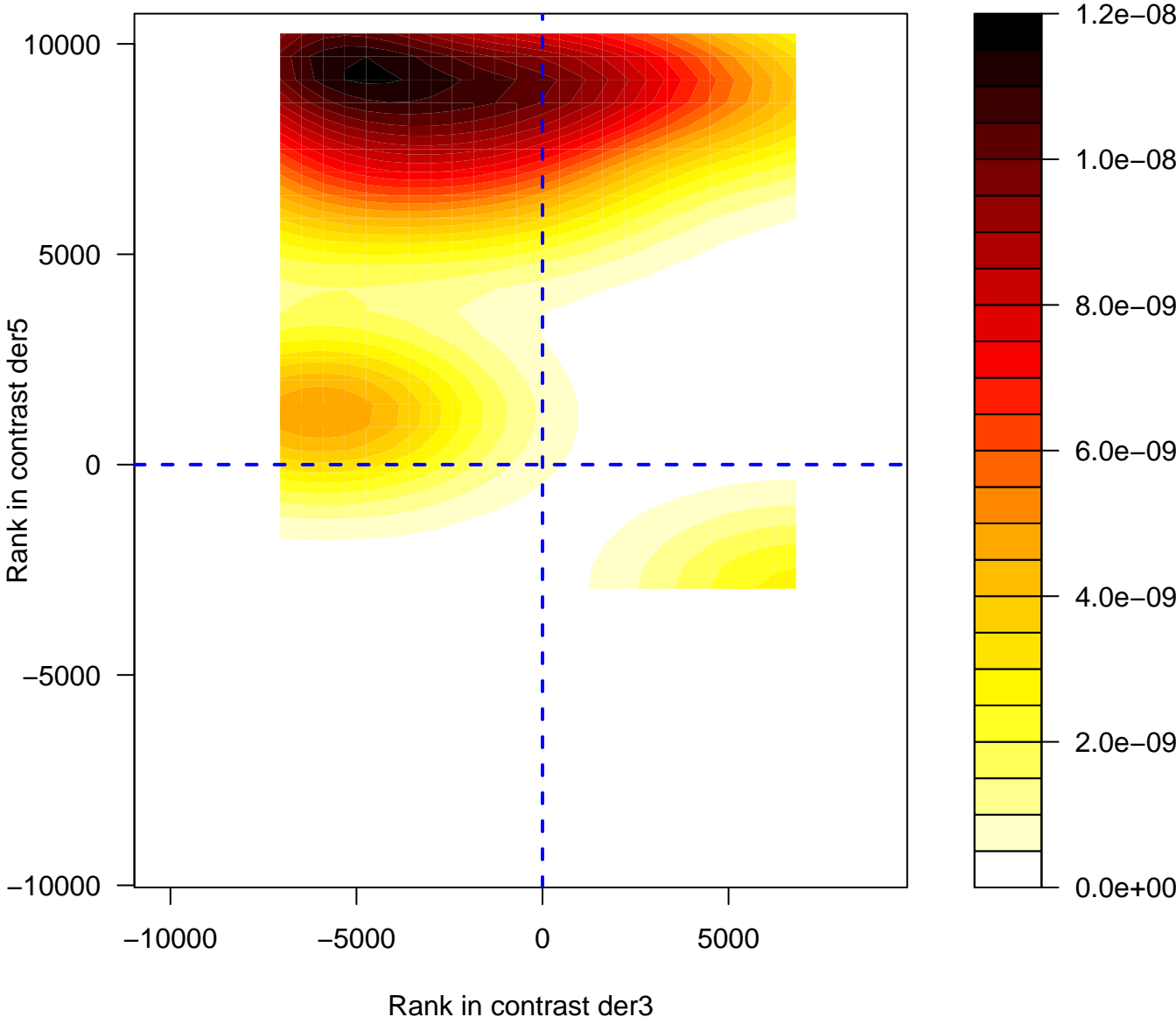
# secondary.metabolism.phenylpropanoids.lignin.biosynthesis.4CL



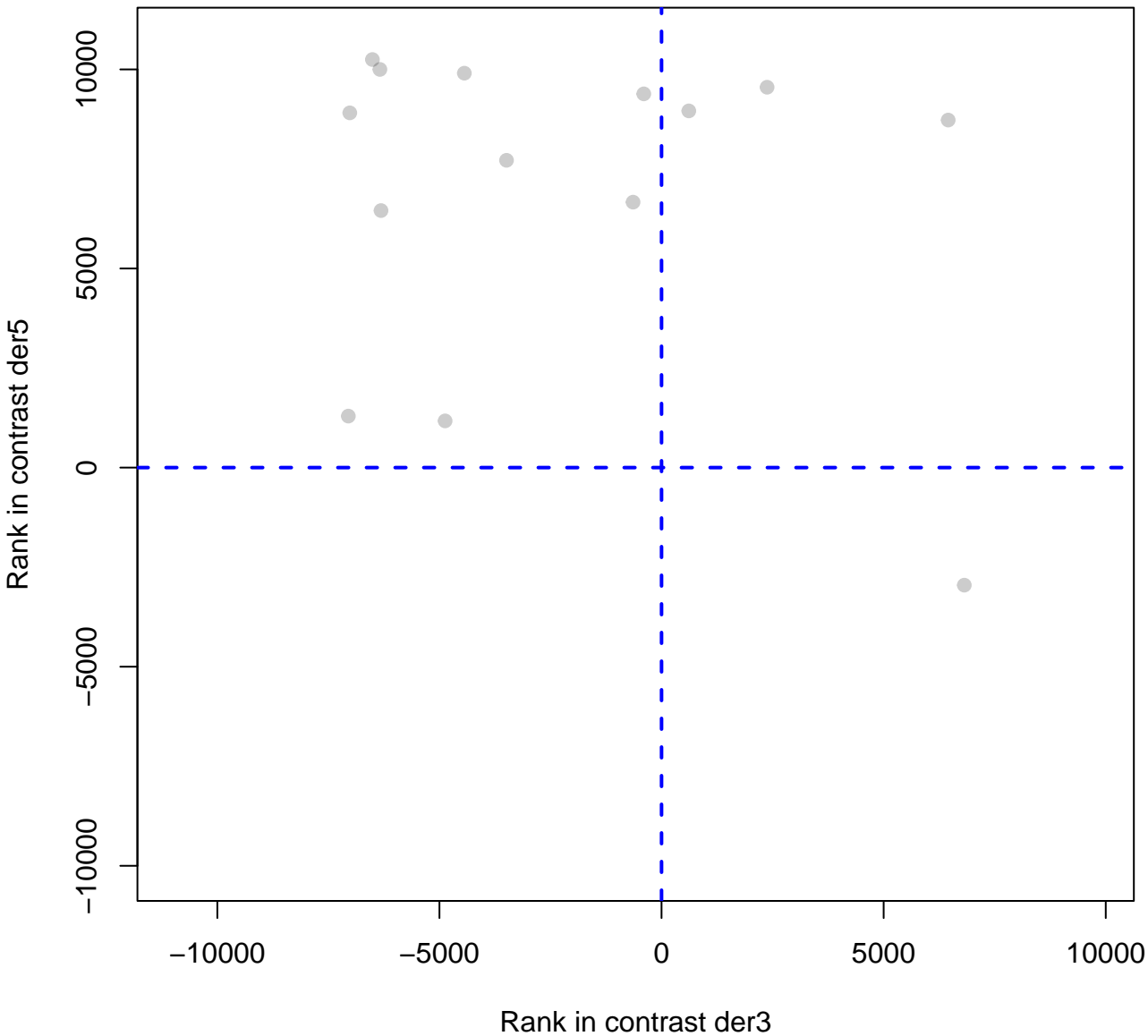
# secondary.metabolism.phenylpropanoids.lignin.b



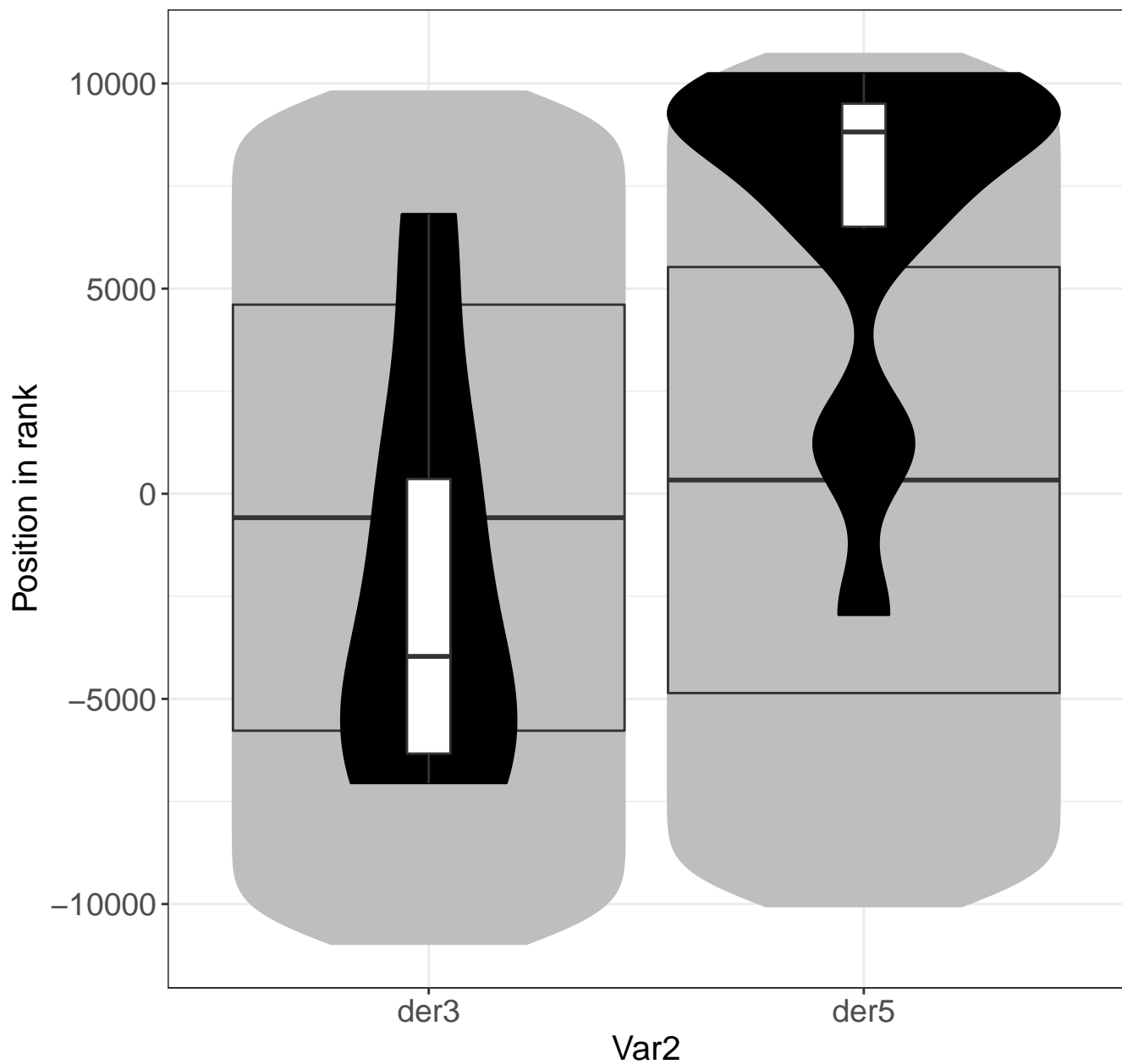
# s.ribosome.biogenesis.Pre.rRNA.processing.and.modificatio



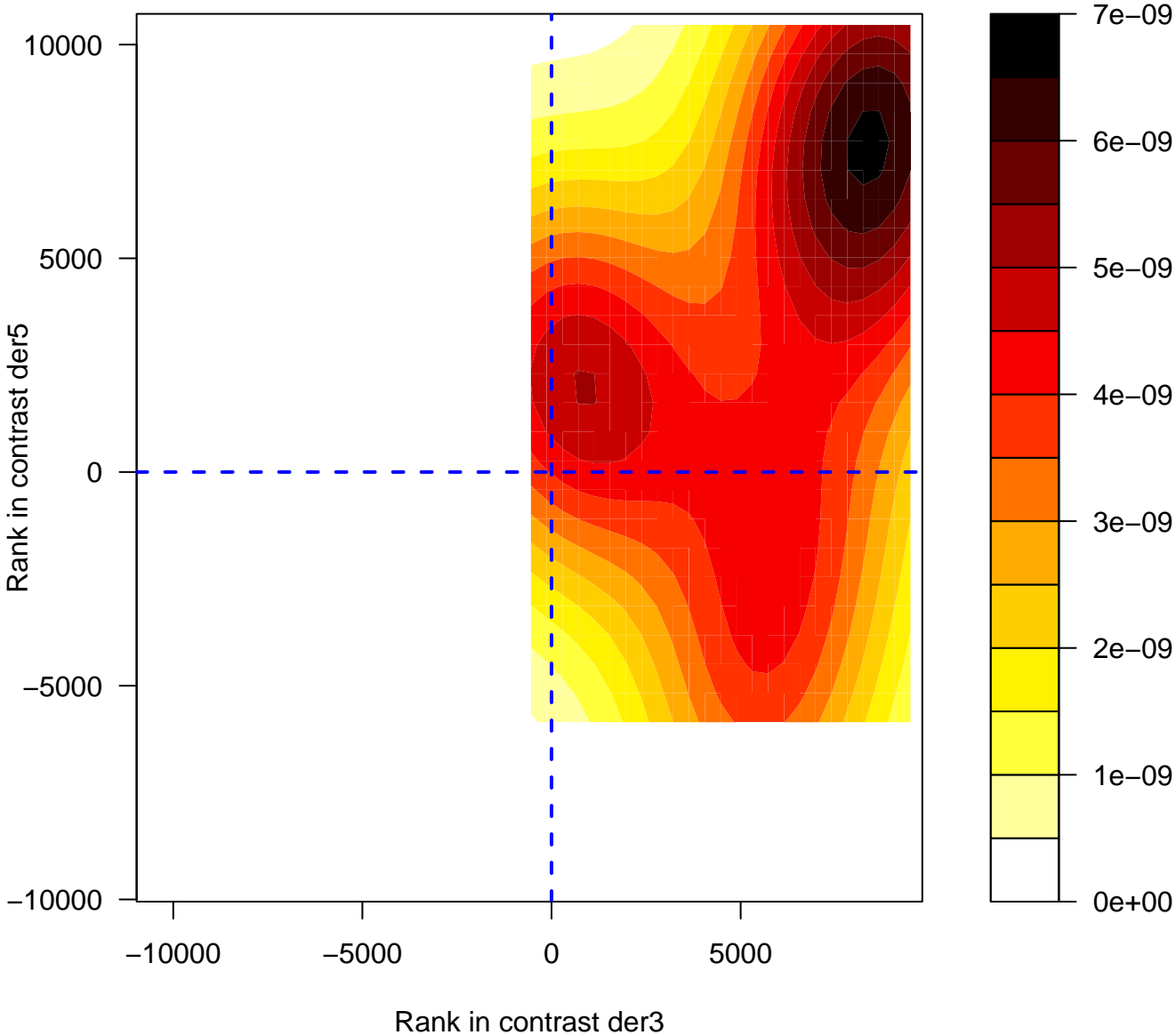
ntthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.DExD



protein.synthesis.ribosome.biogenesis.Pre.rRNA

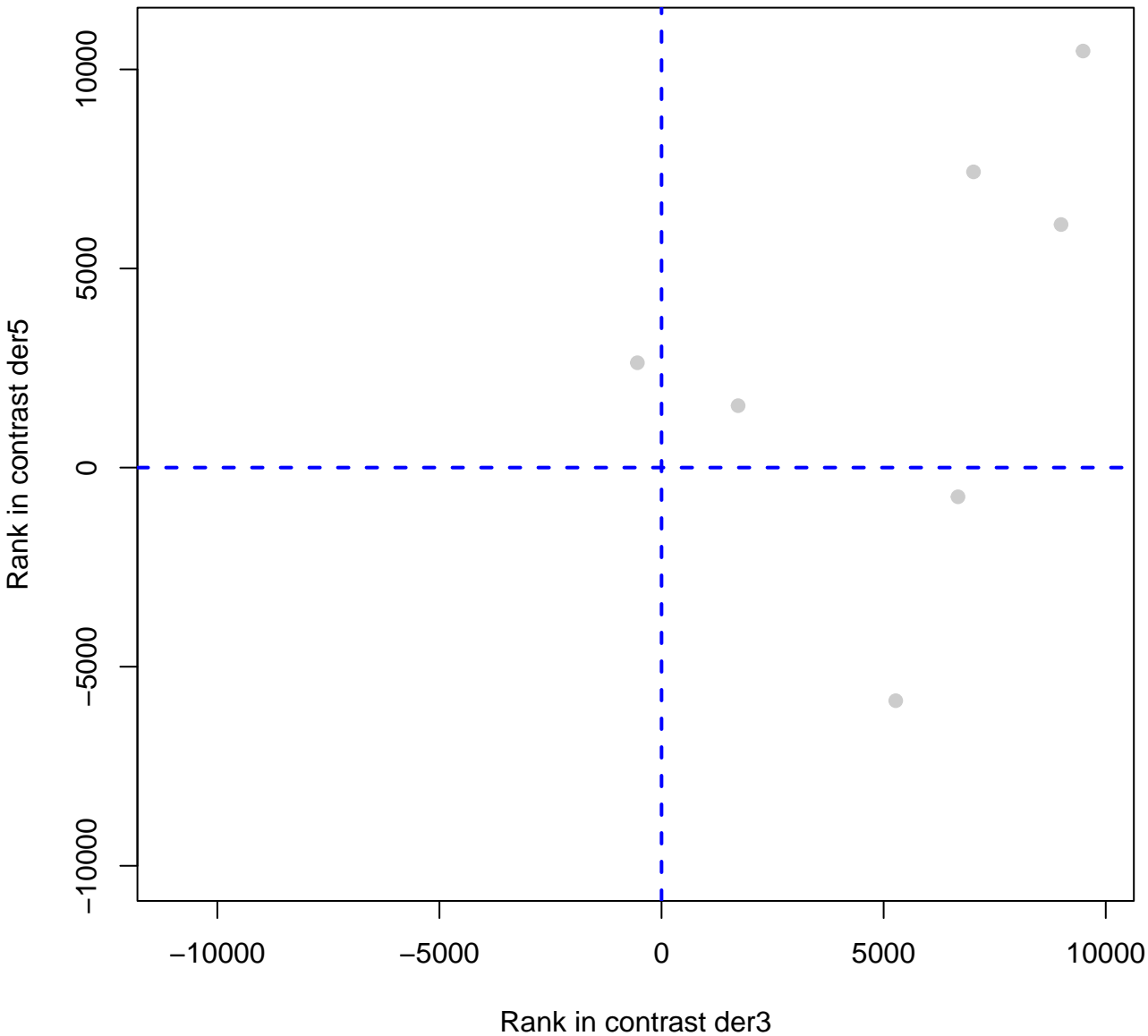


# secondary.metabolism.flavonoids.flavonols

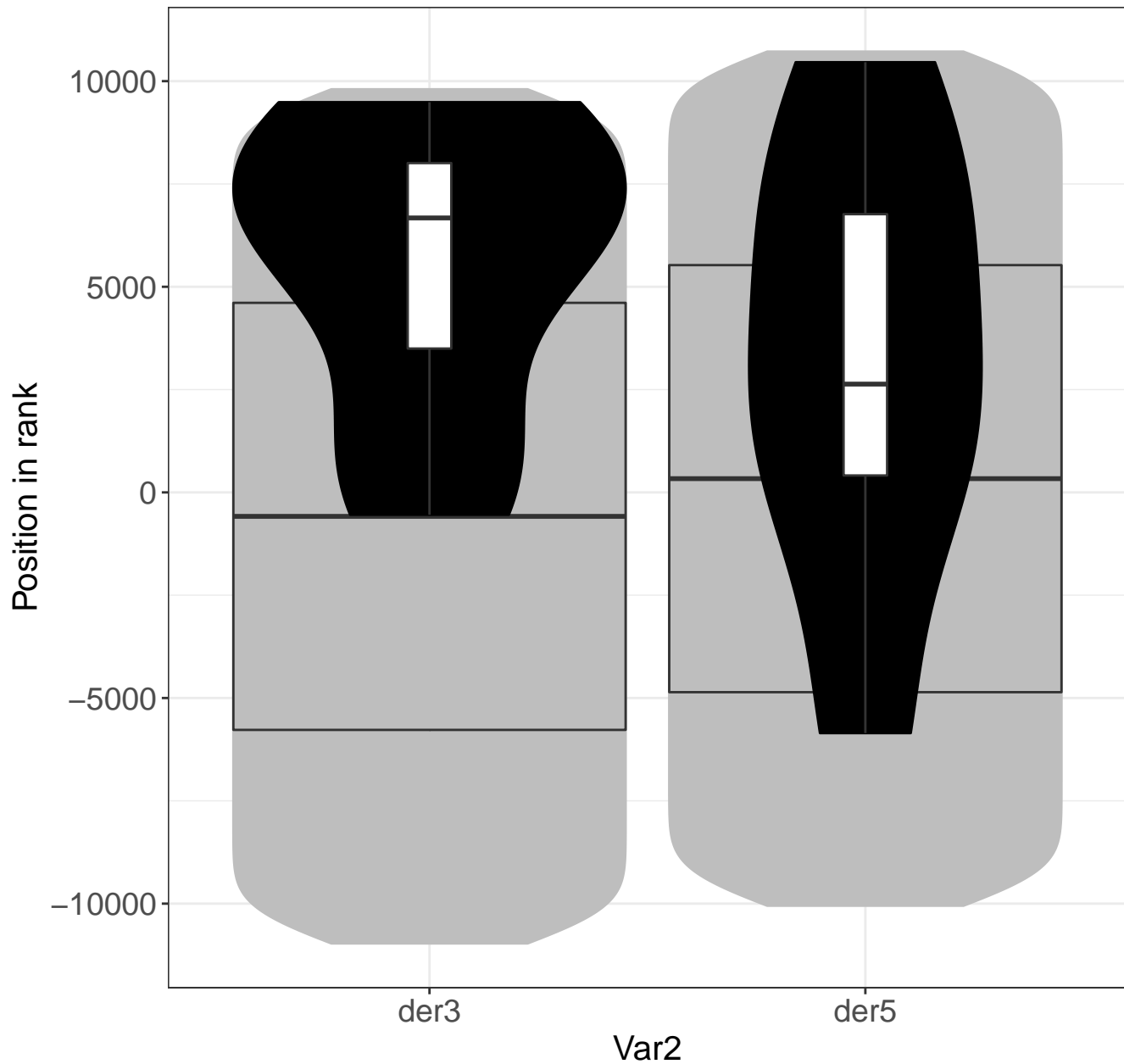




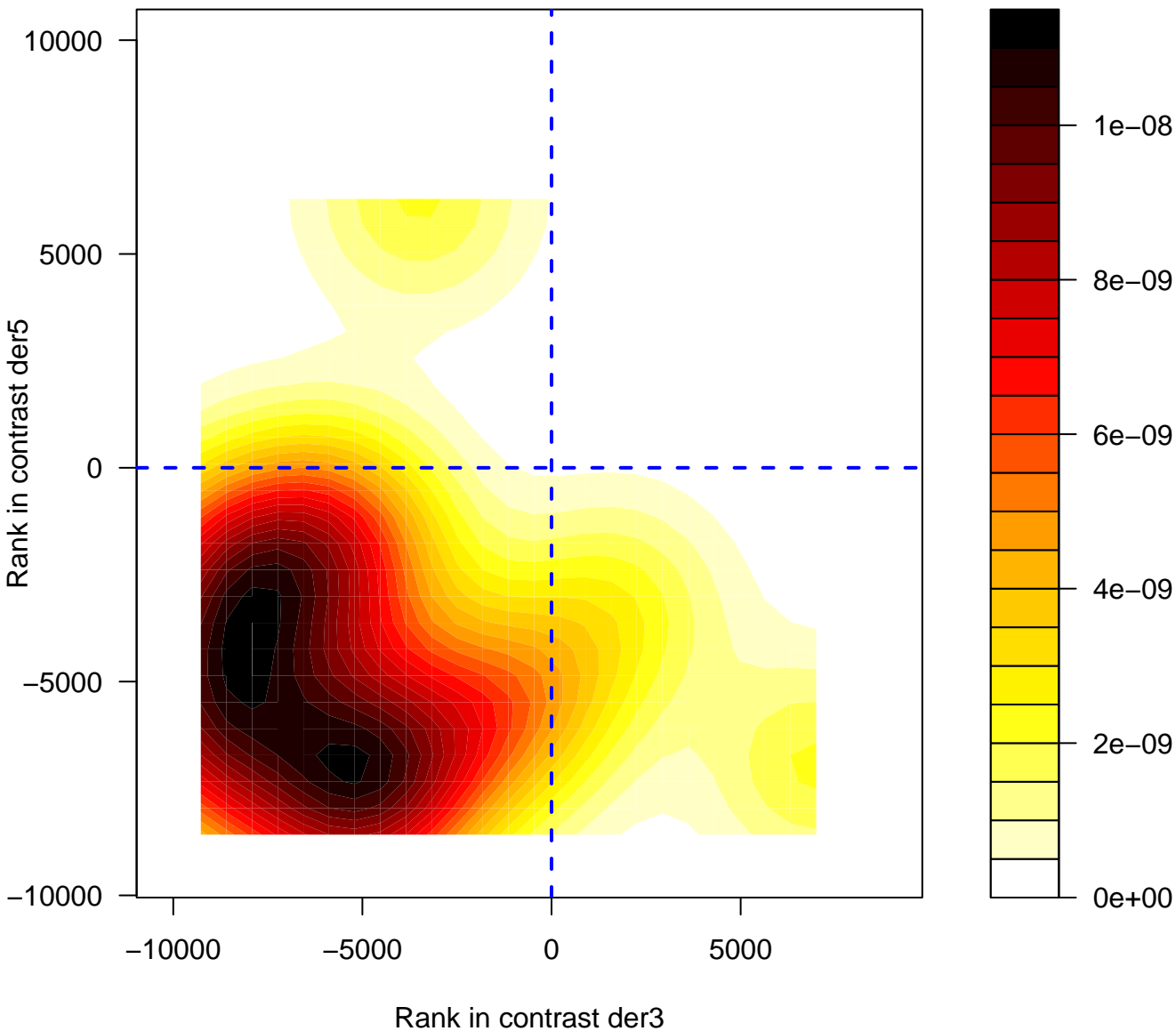
# secondary.metabolism.flavonoids.flavonols



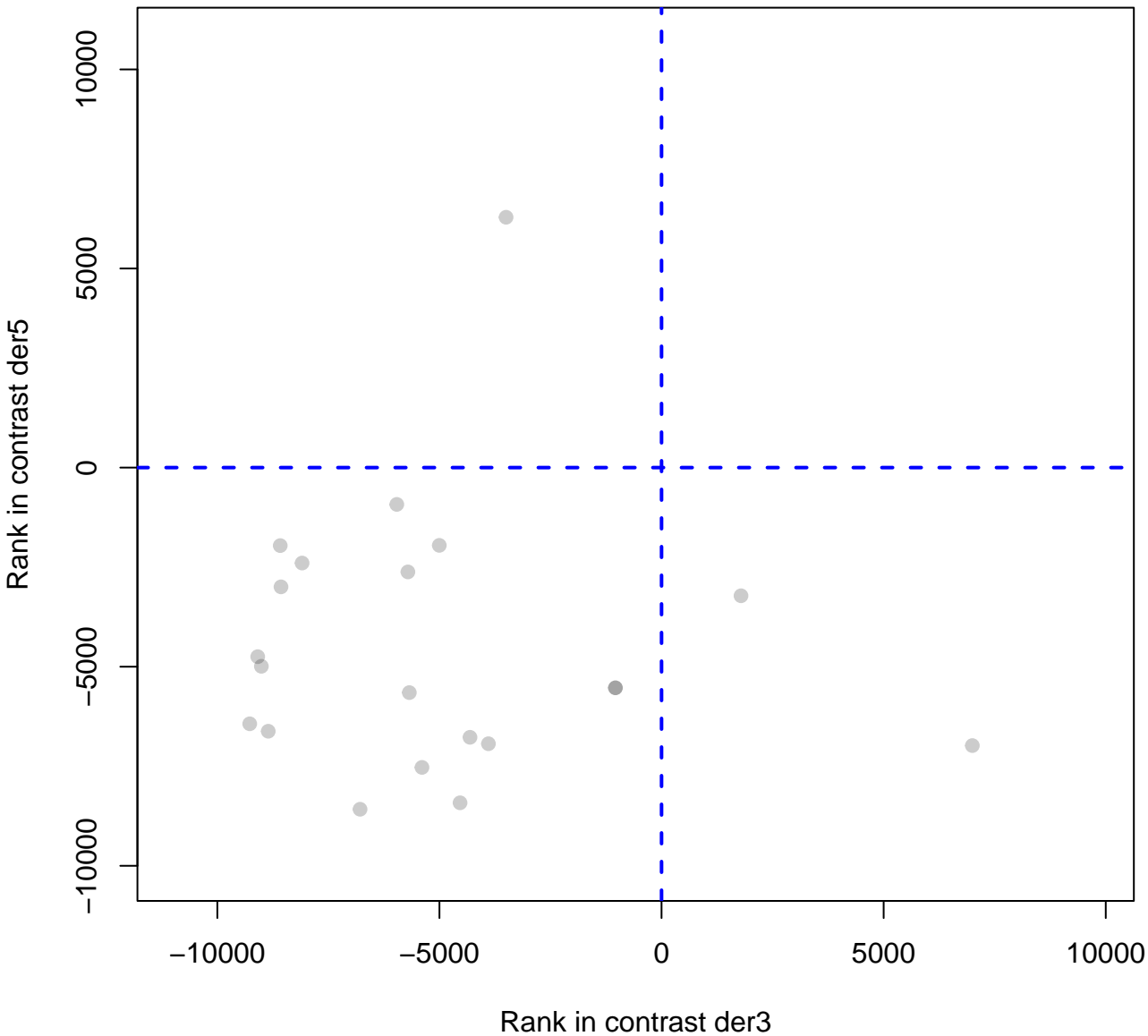
# secondary.metabolism.flavonoids.flavonols



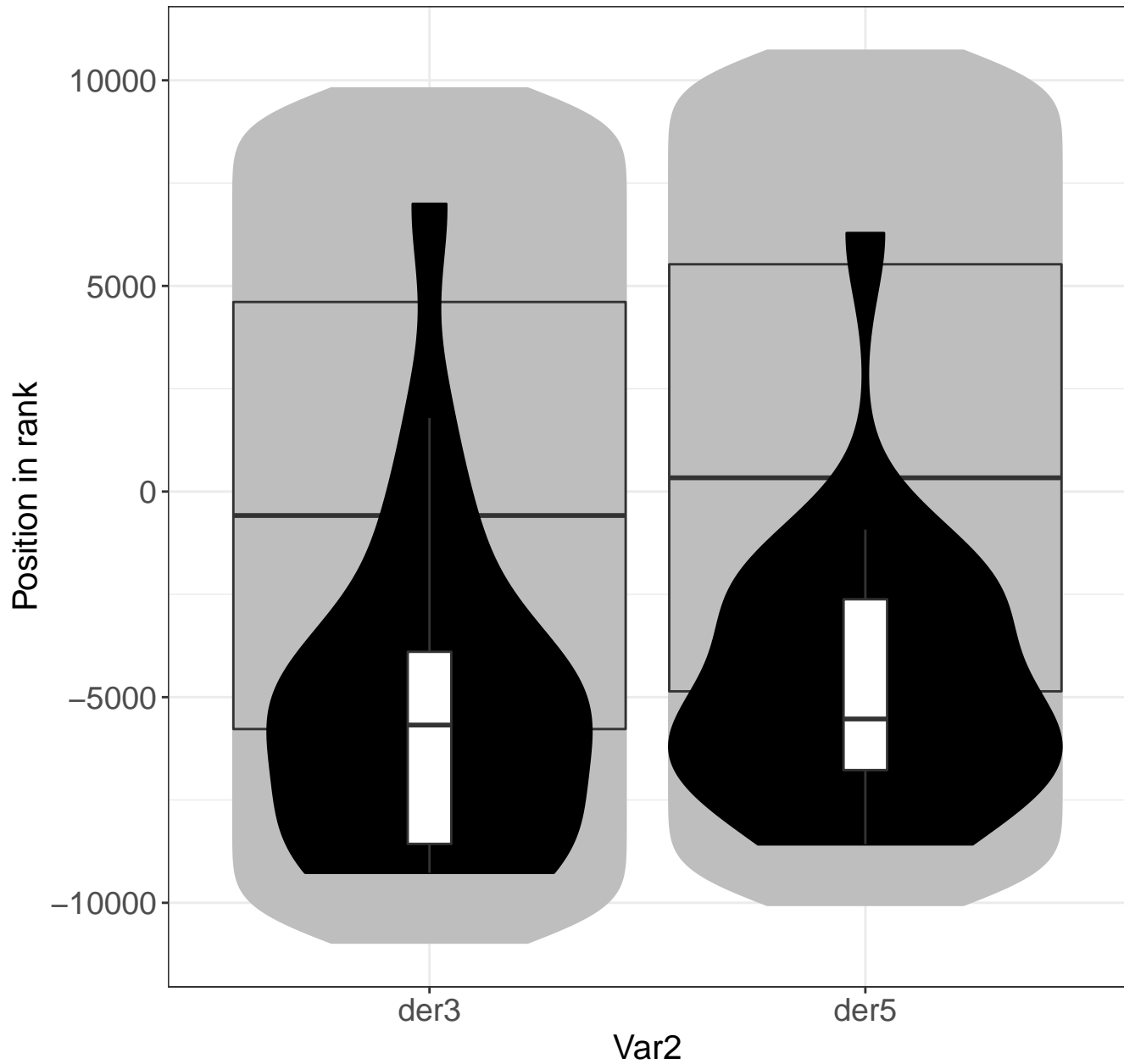
# protein.assembly.and.cofactor.ligation



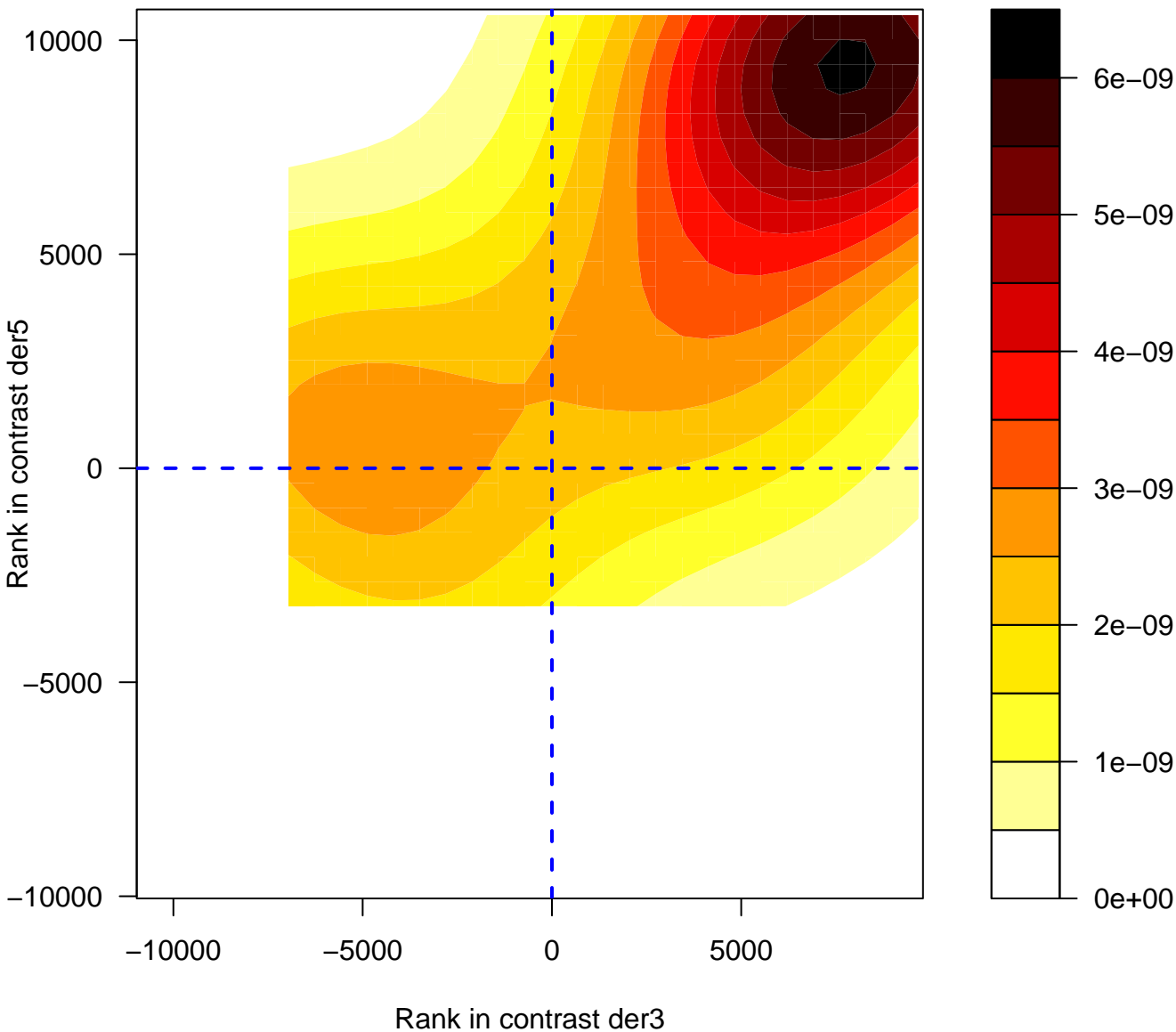
# protein.assembly.and.cofactor.ligation



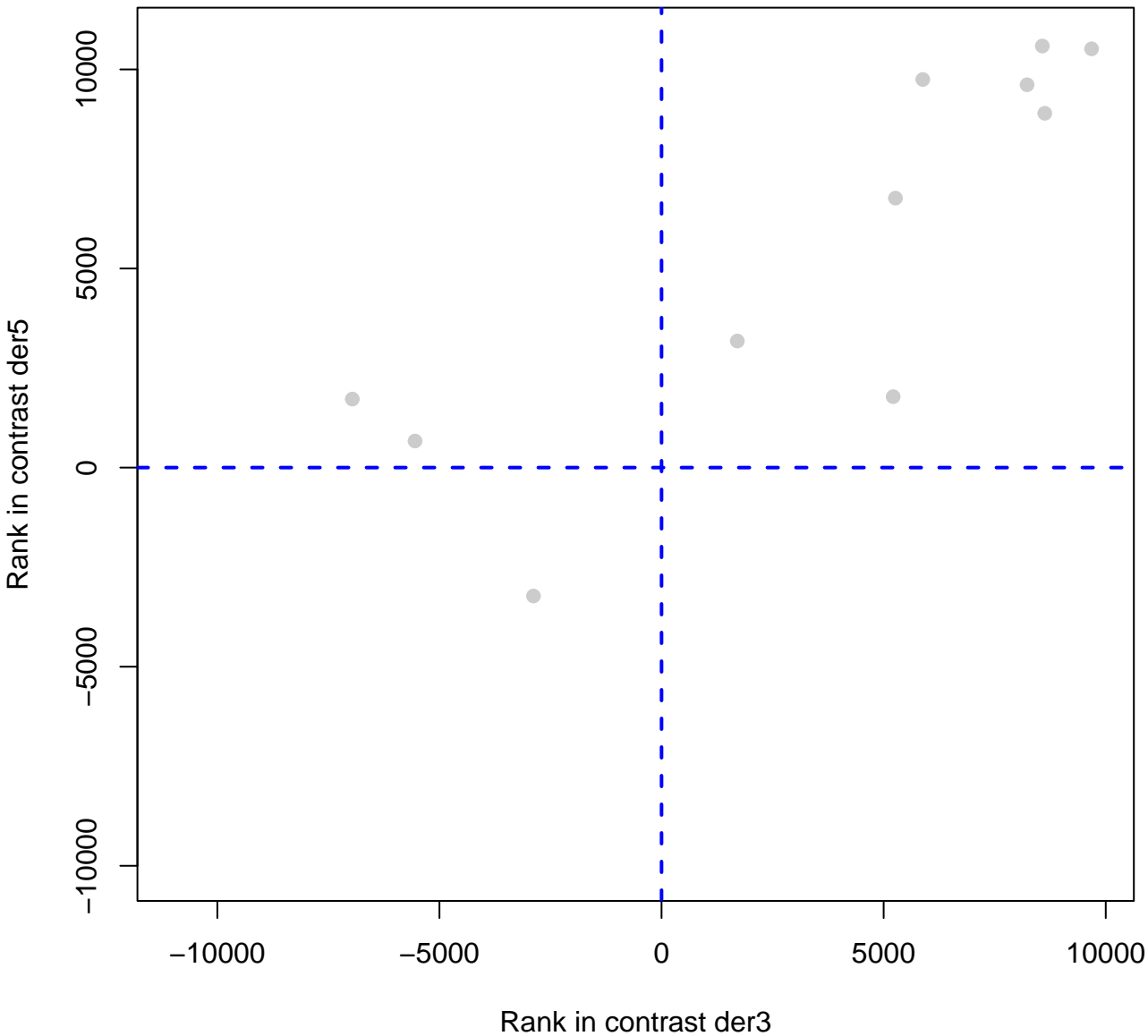
# protein.assembly.and.cofactor.ligation



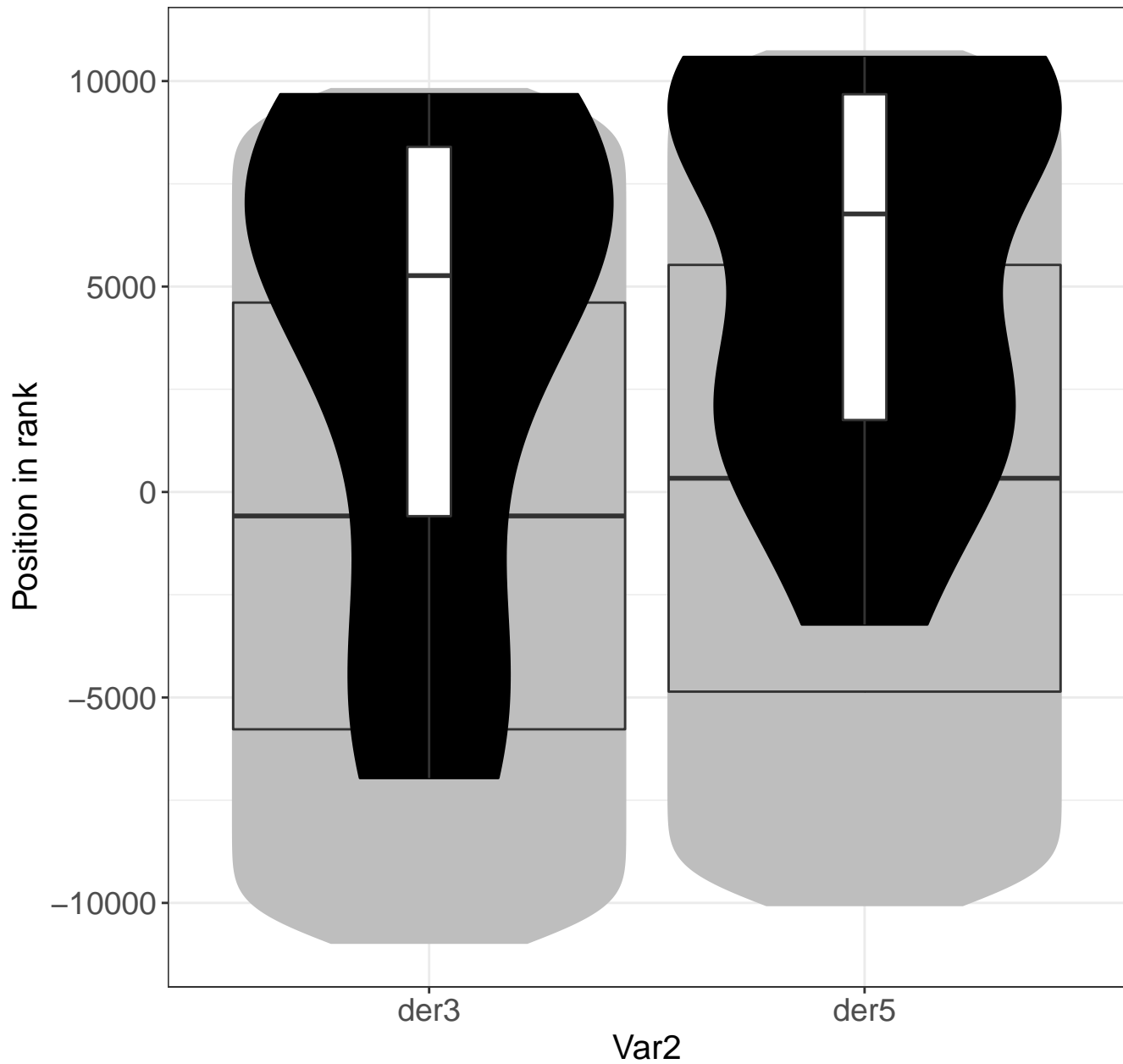
# cell.wall.pectin.esterases.acetyl.esterase



# cell.wall.pectin.esterases.acetyl.esterase

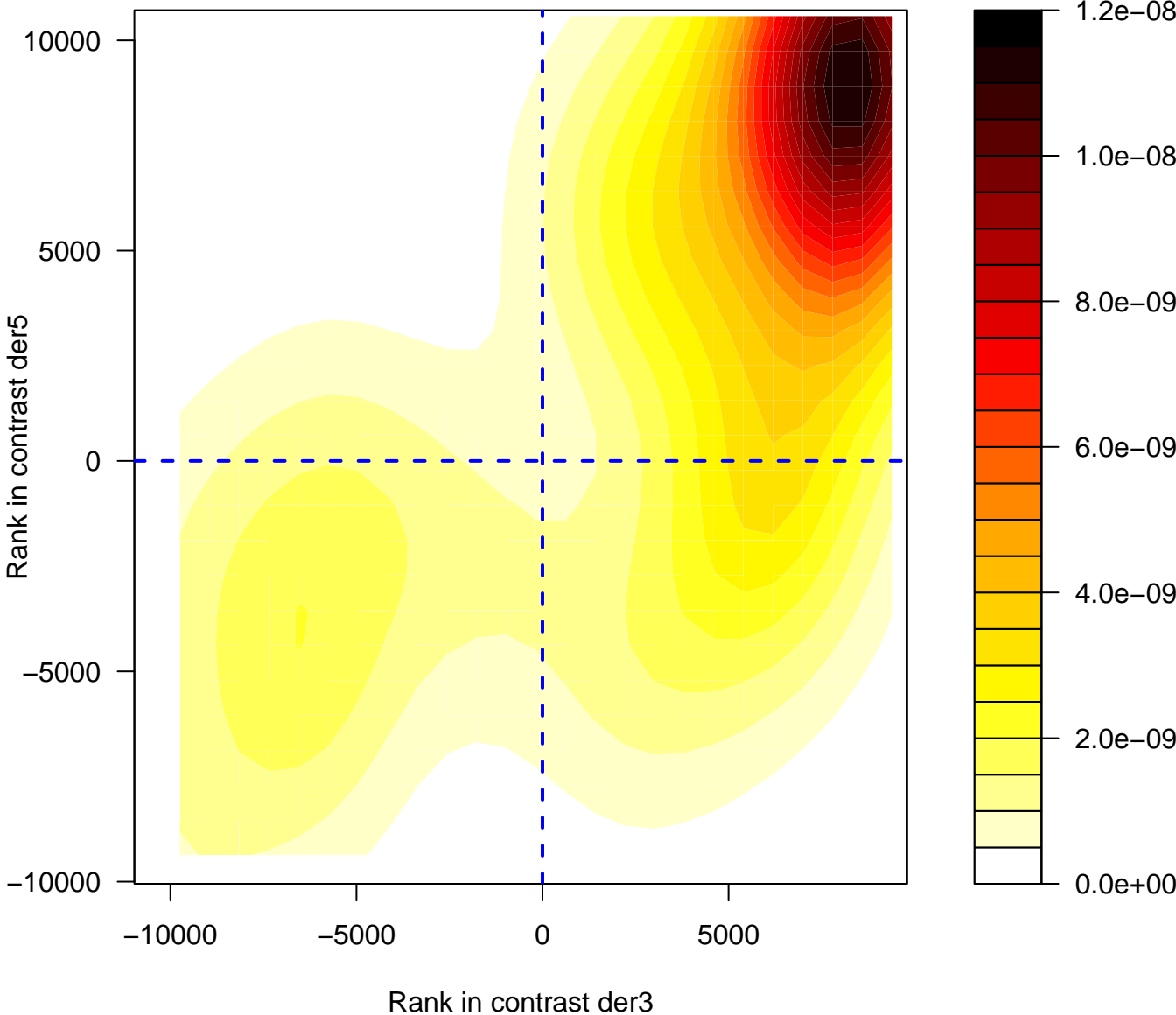


# cell.wall.pectin.esterases.acetyl.esterase

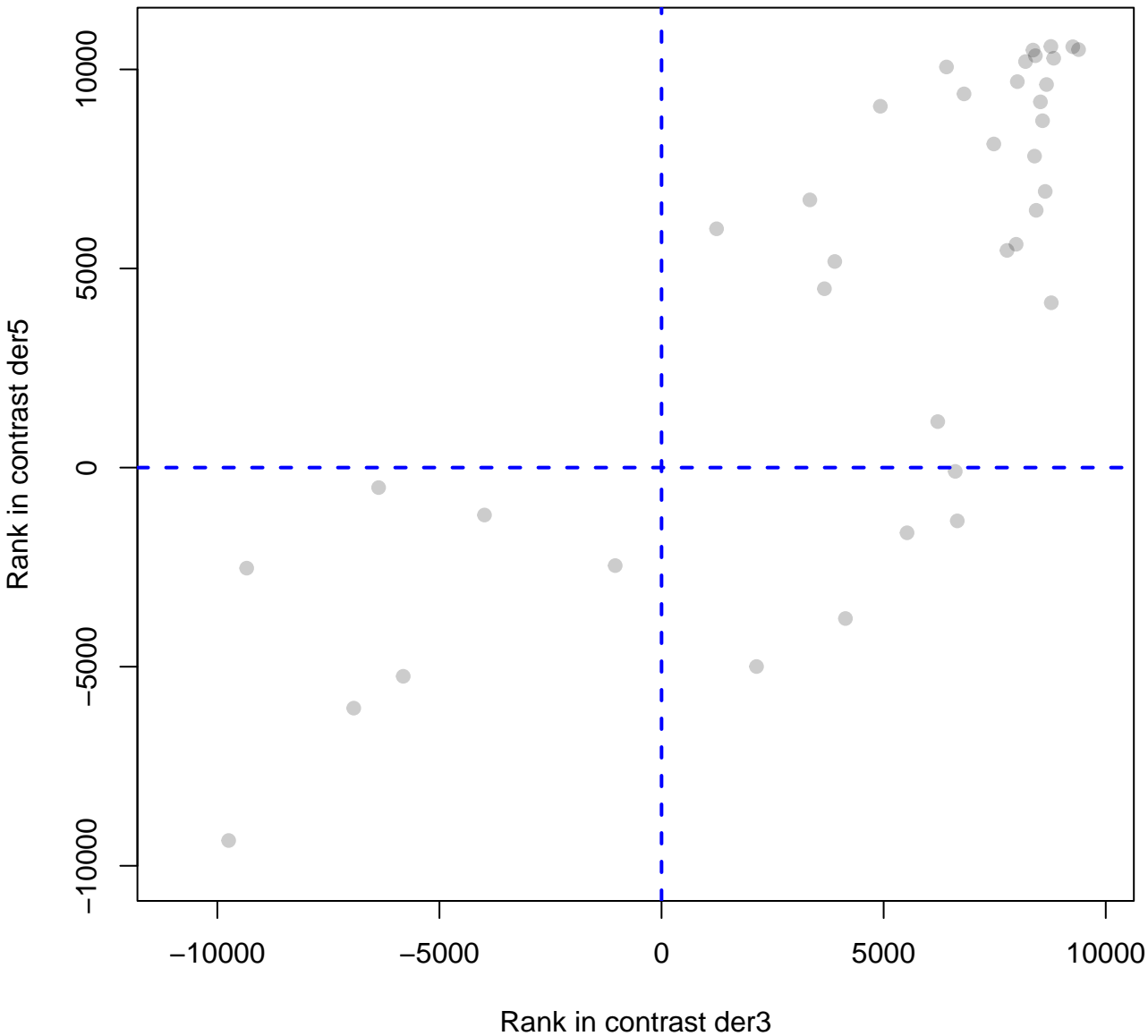




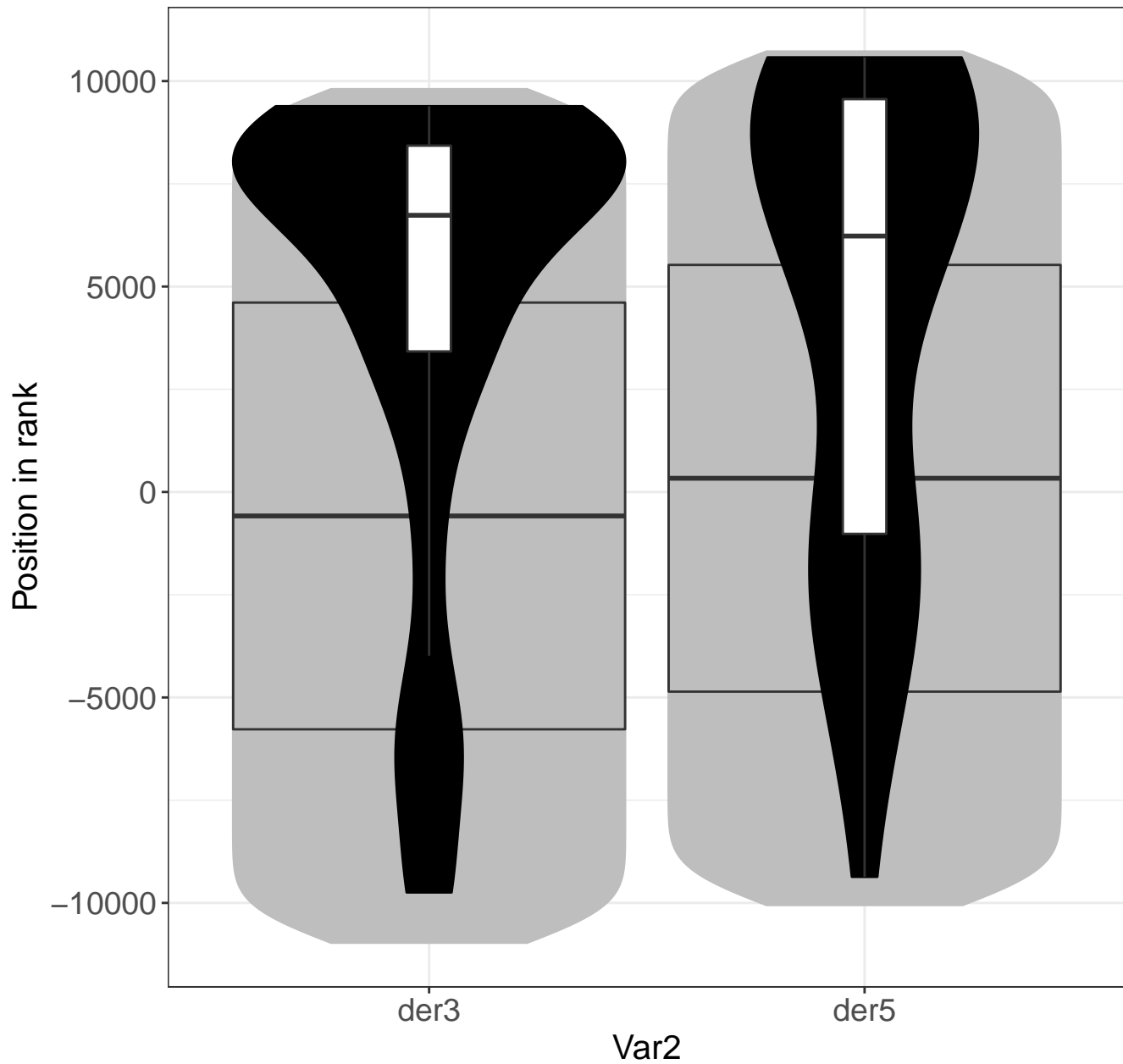
# cell.wall.cell.wall.proteins.AGPs.AGP



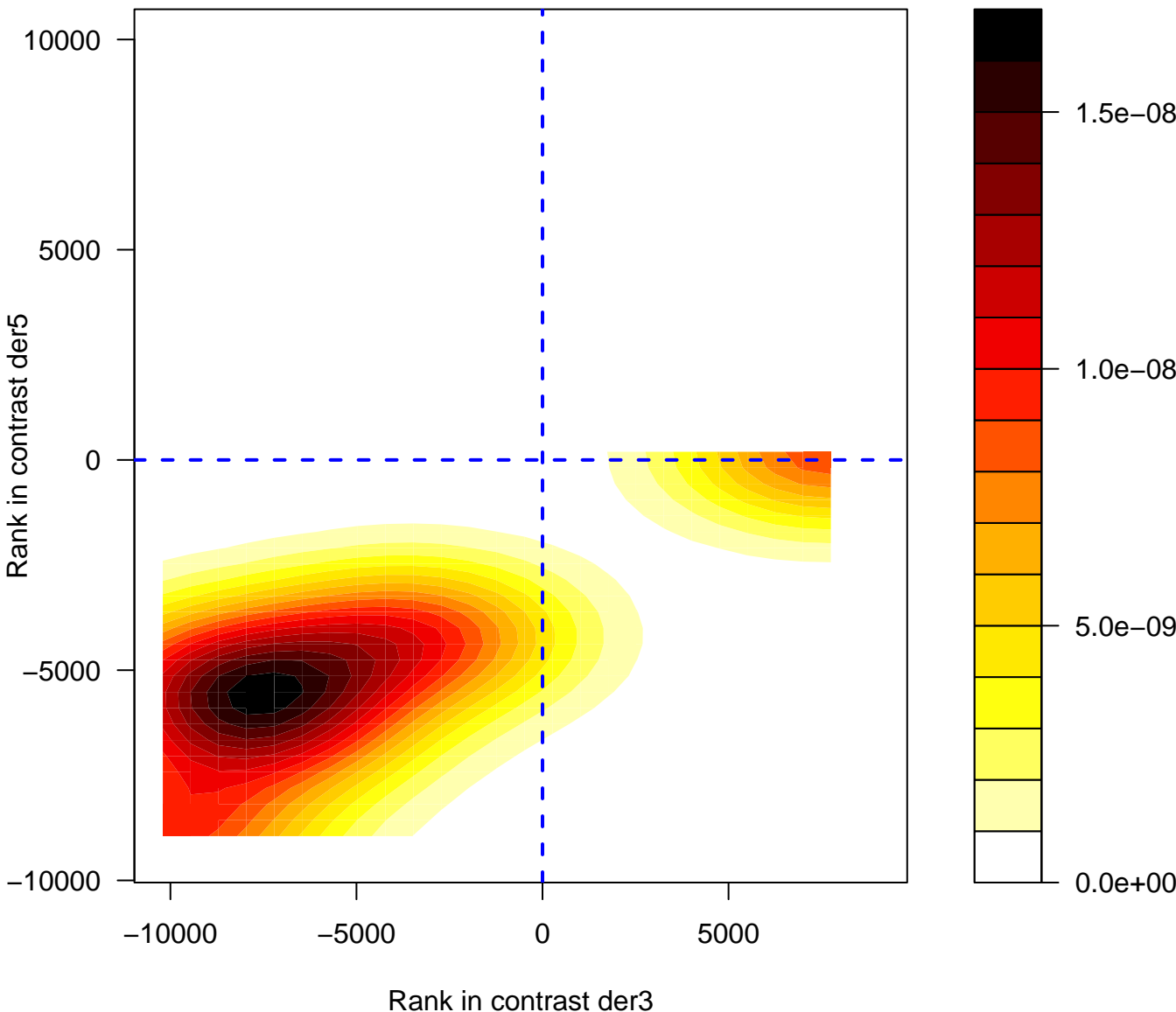
# cell.wall.cell.wall.proteins.AGPs.AGP



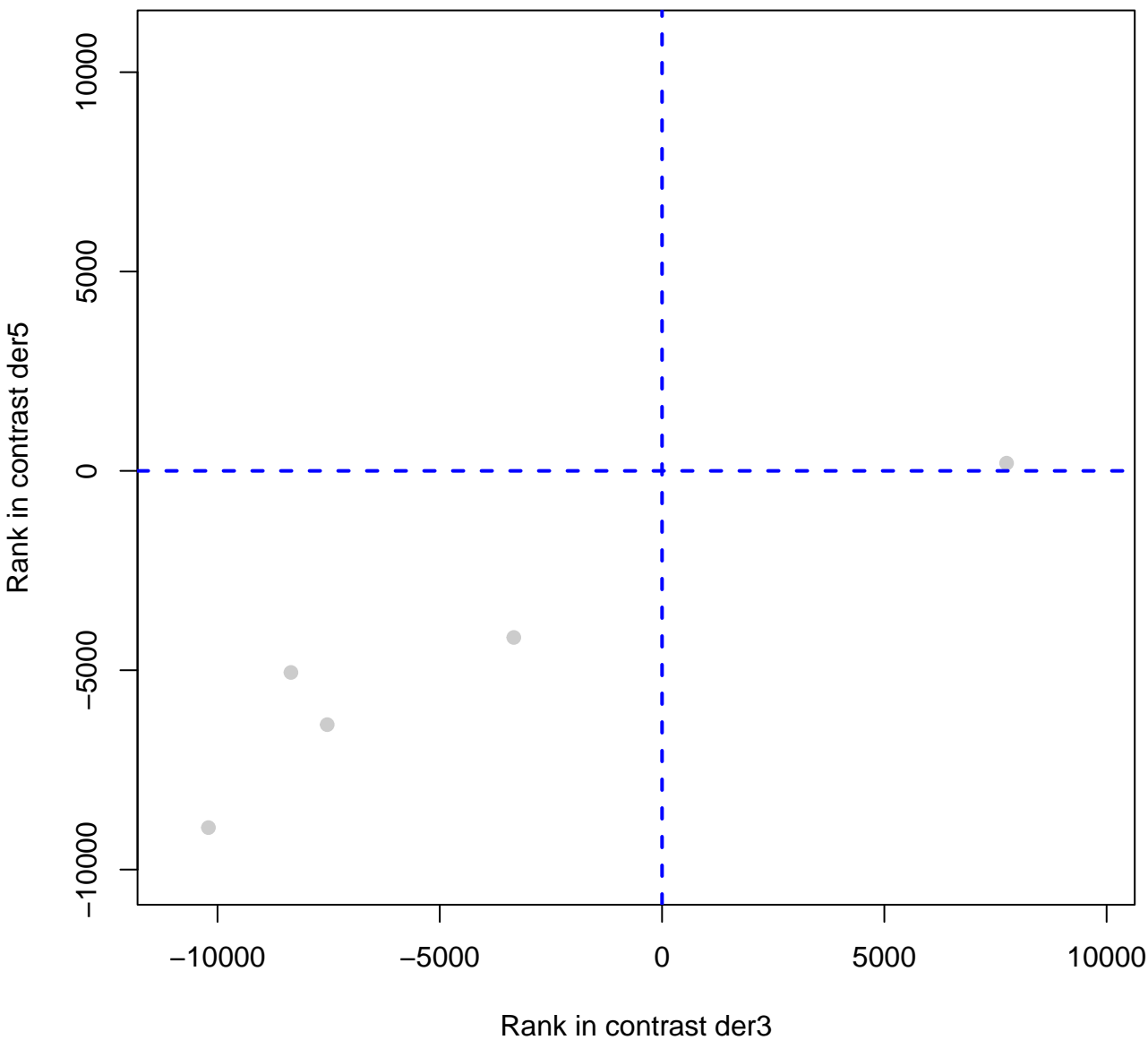
# cell.wall.cell.wall.proteins.AGPs.AGP



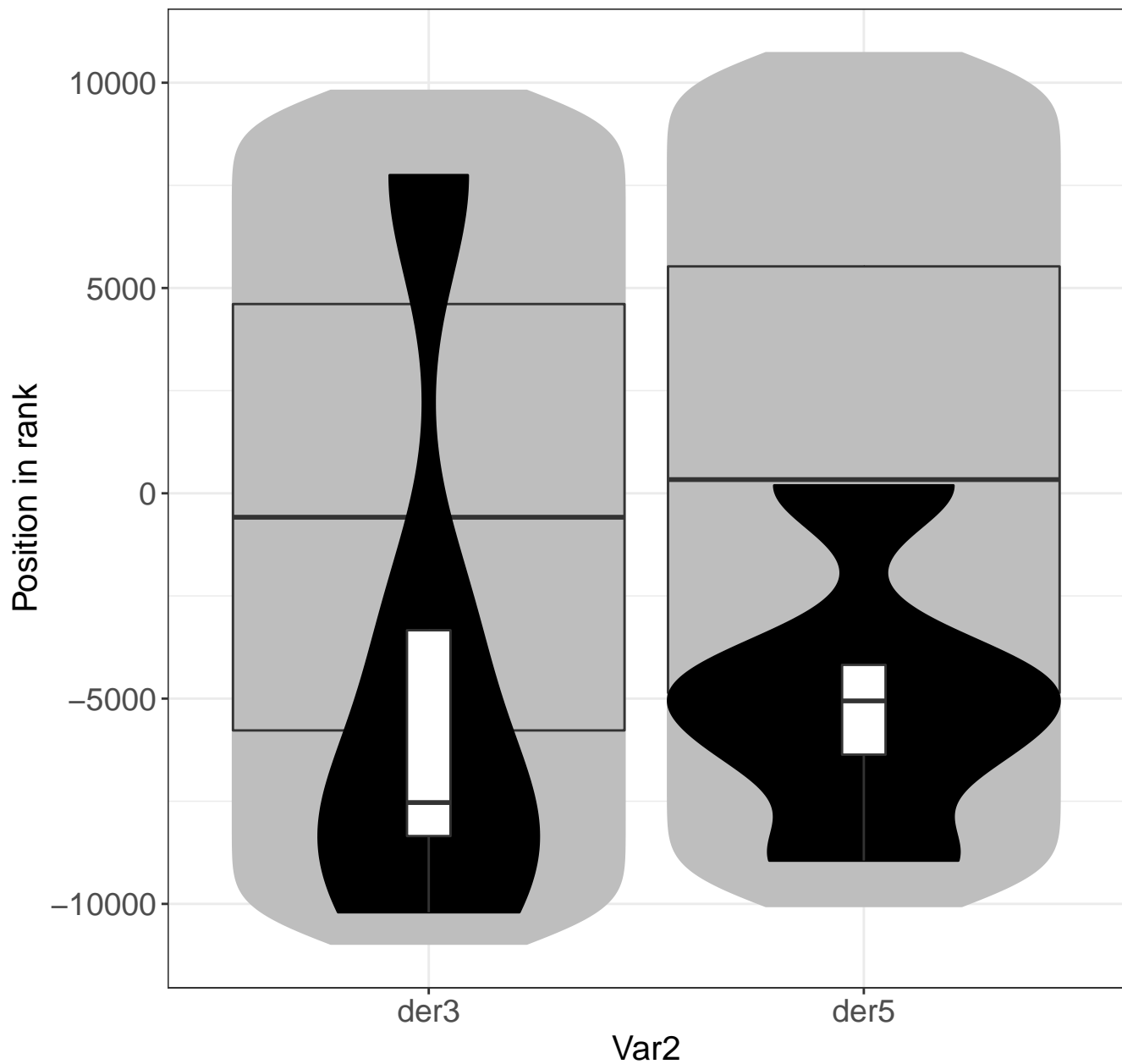
# PS.lightreaction.other.electron.carrier..ox.red..ferredoxi



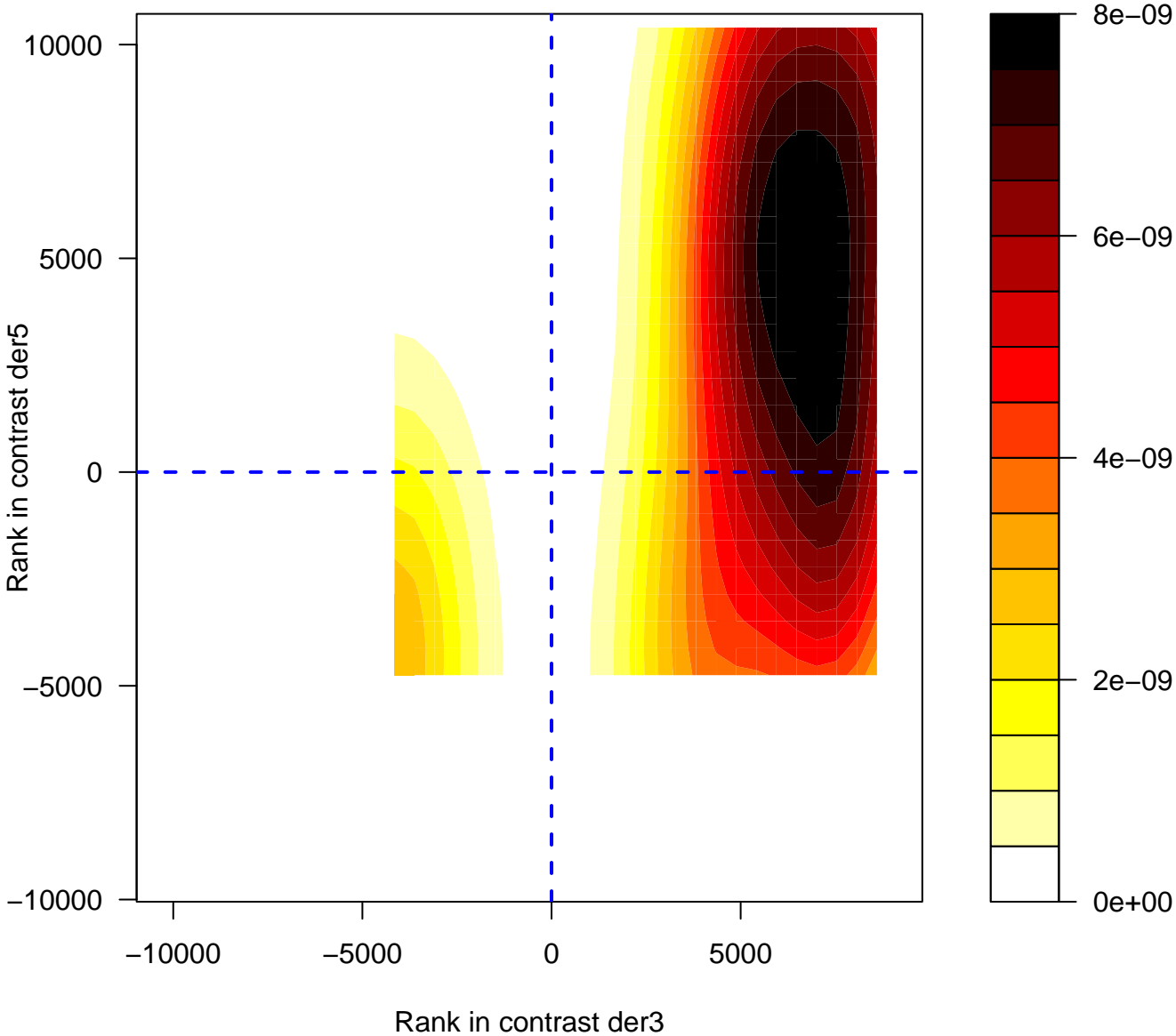
# PS.lightreaction.other.electron.carrier..ox.red..ferredoxin



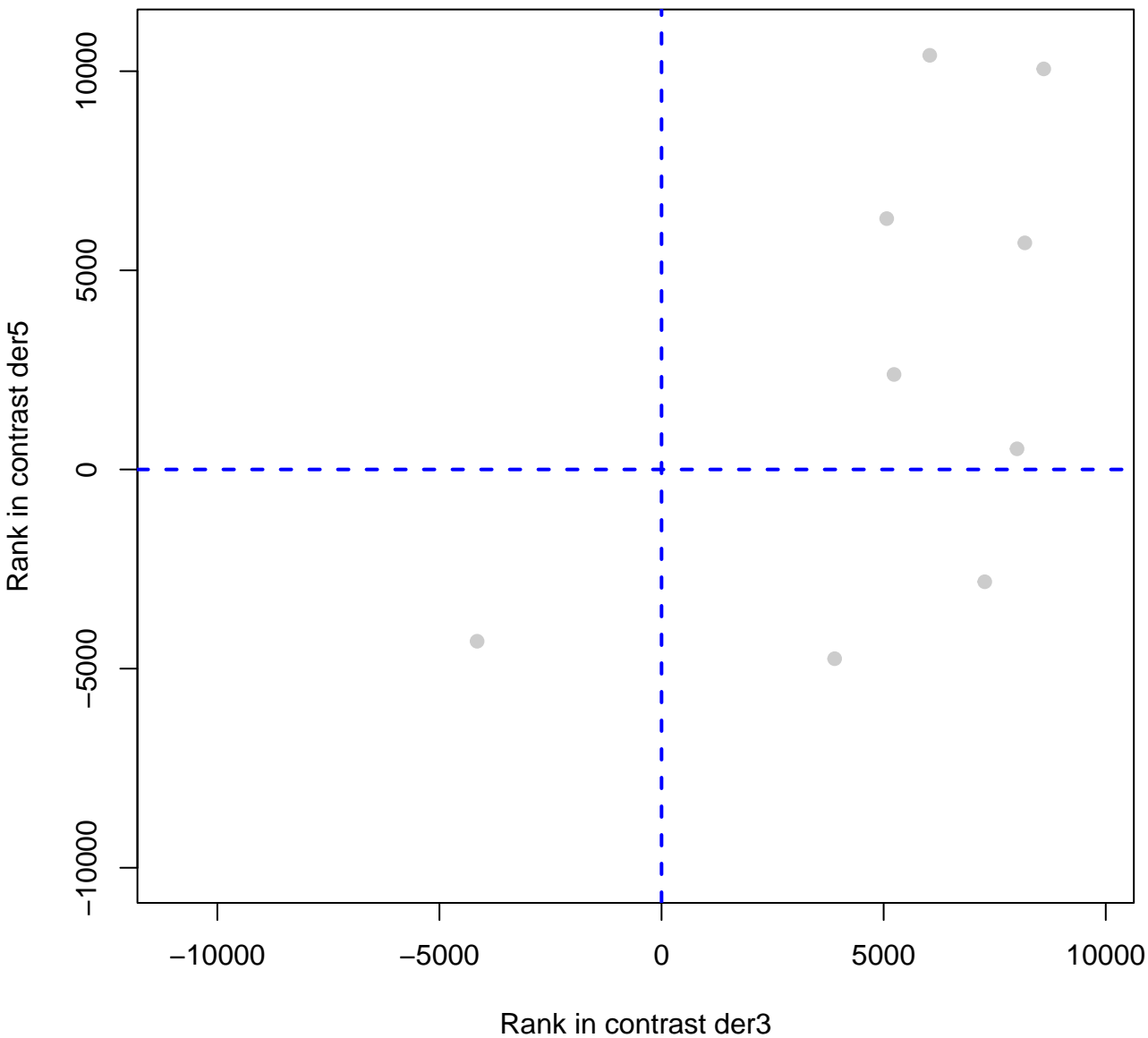
PS.lightreaction.other.electron.carrier..ox.red..fer



# cell.wall.hemicellulose.synthesis.glucuronoxylan

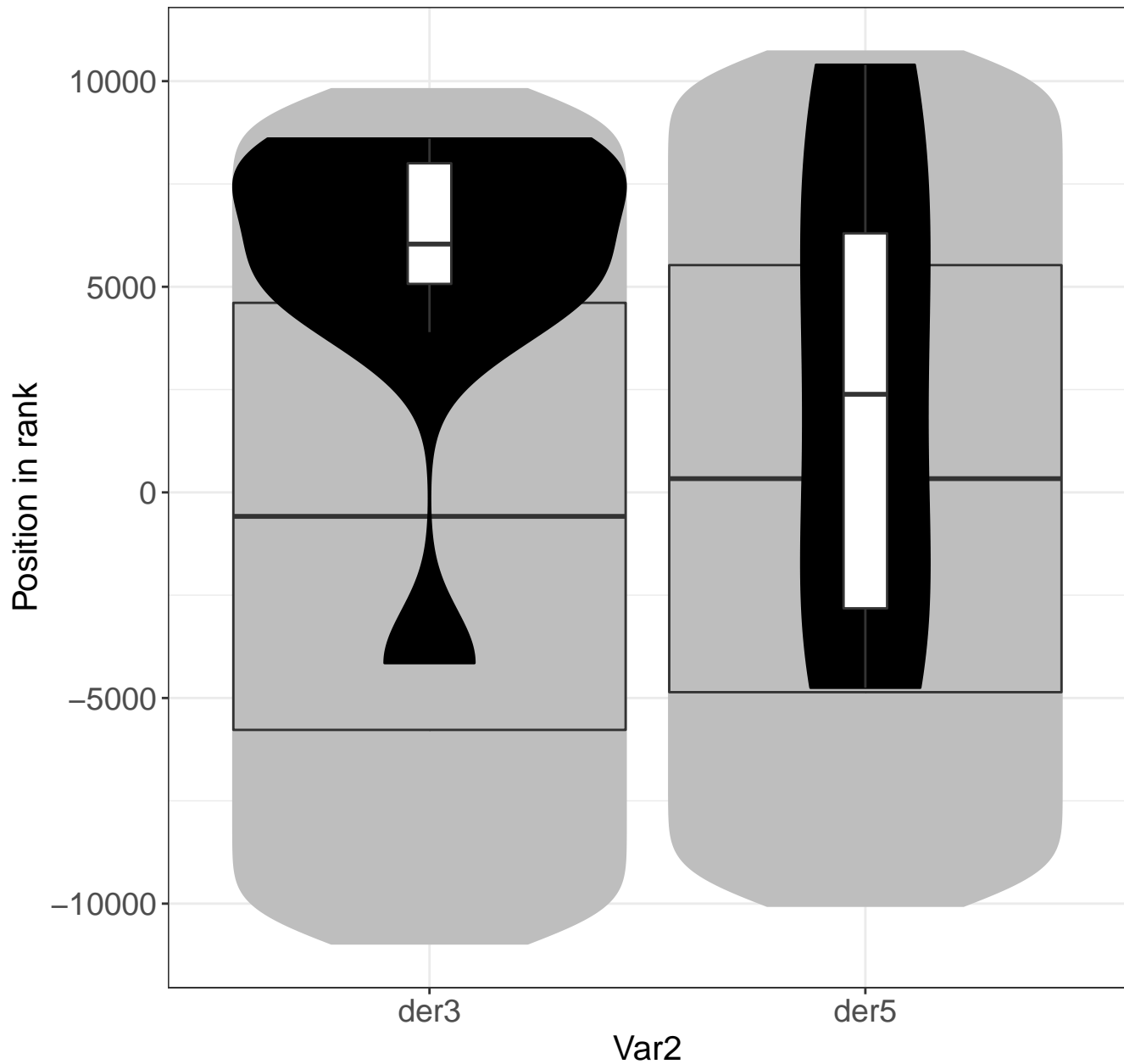


# cell.wall.hemicellulose.synthesis.glucuronoxylan

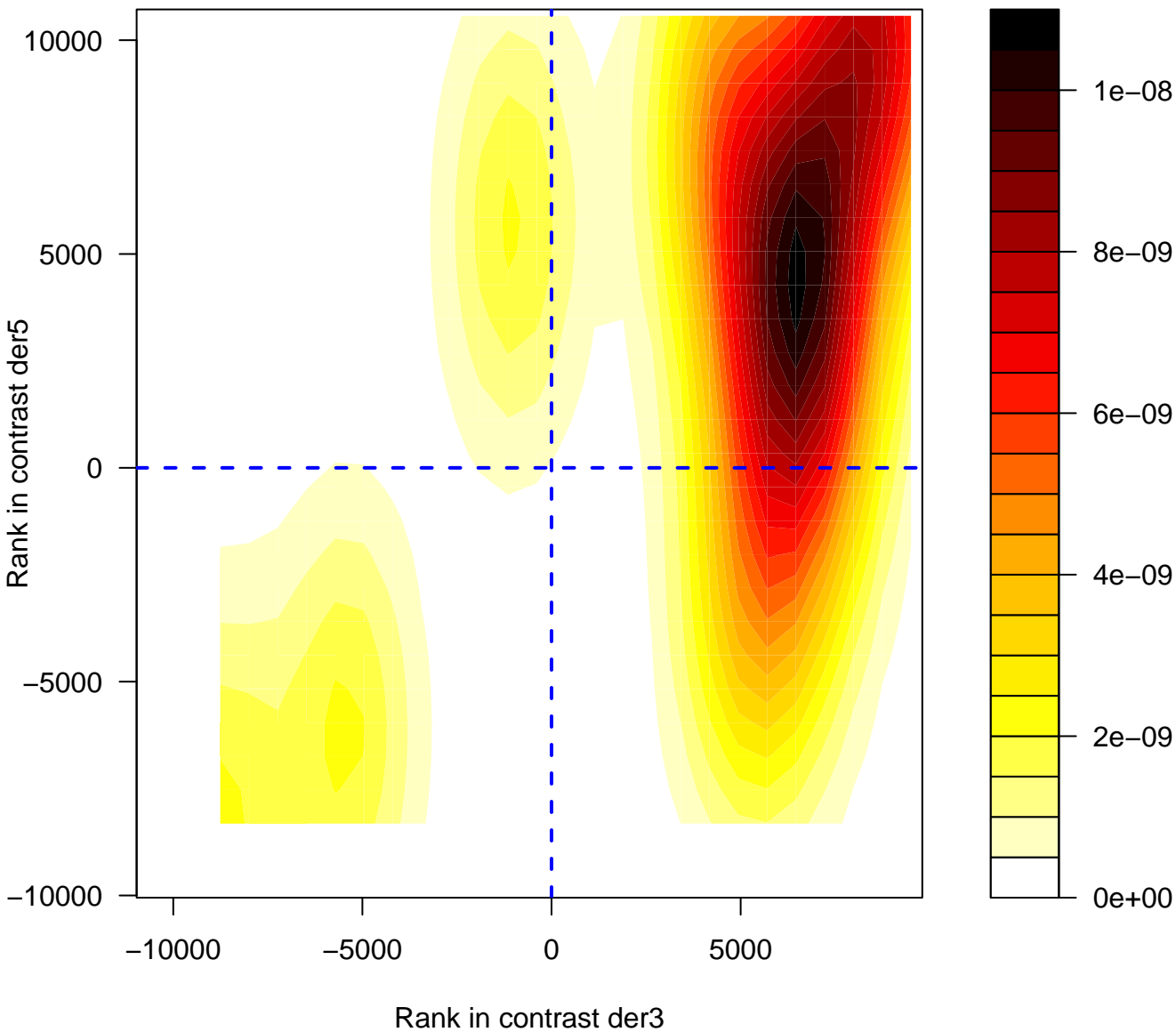




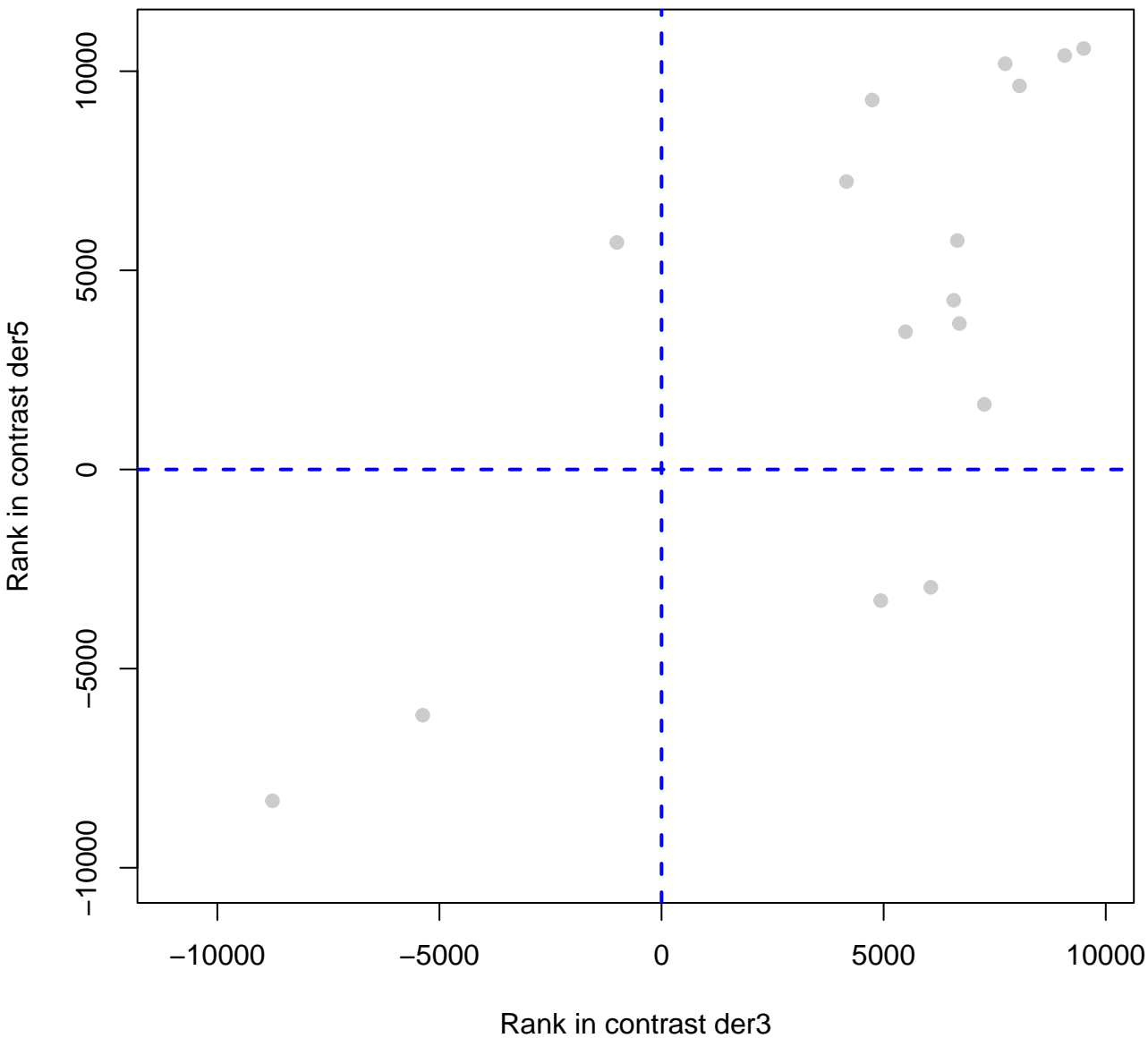
# cell.wall.hemicellulose.synthesis.glucuronoxylan



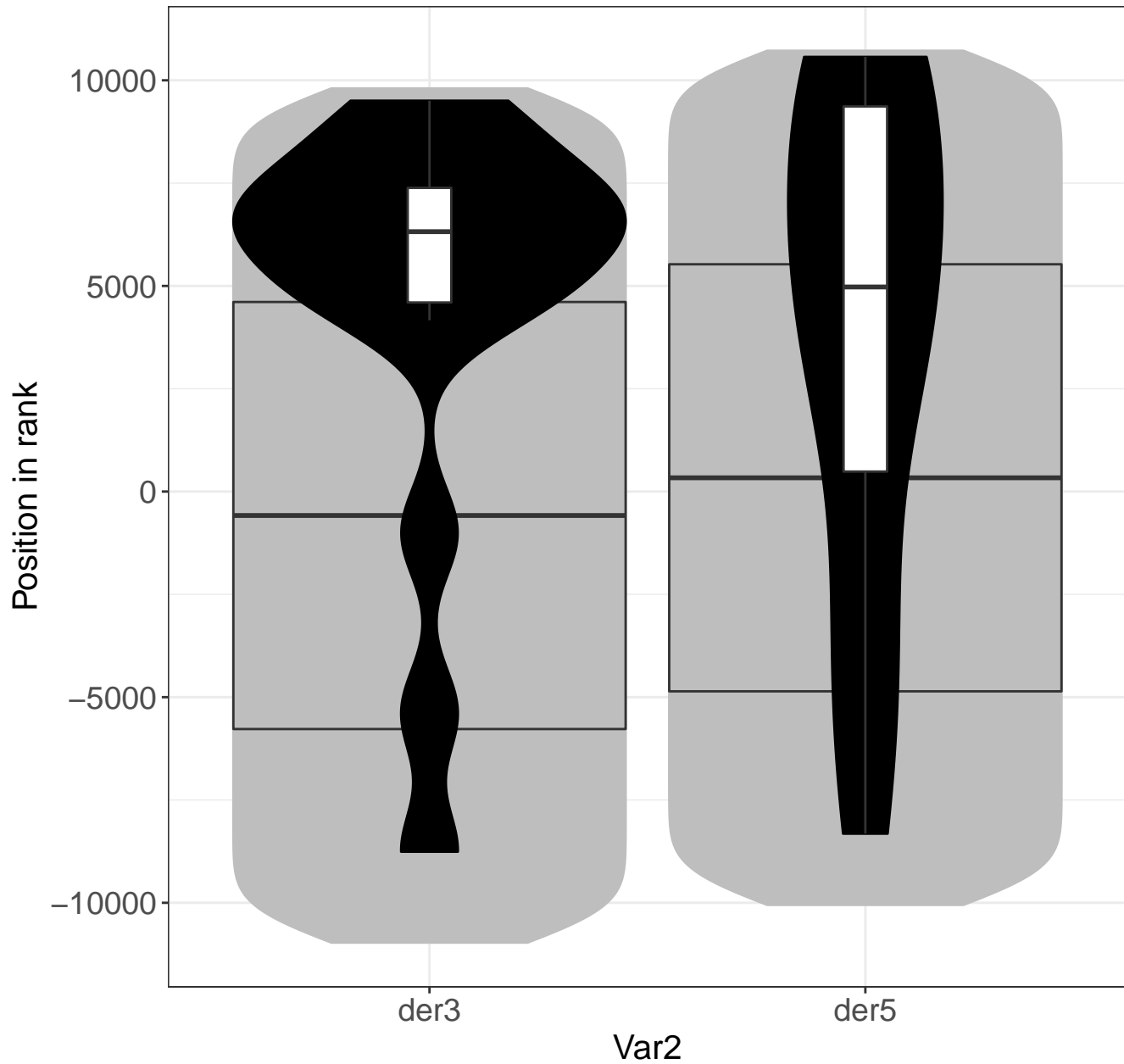
# secondary.metabolism.simple.phenols



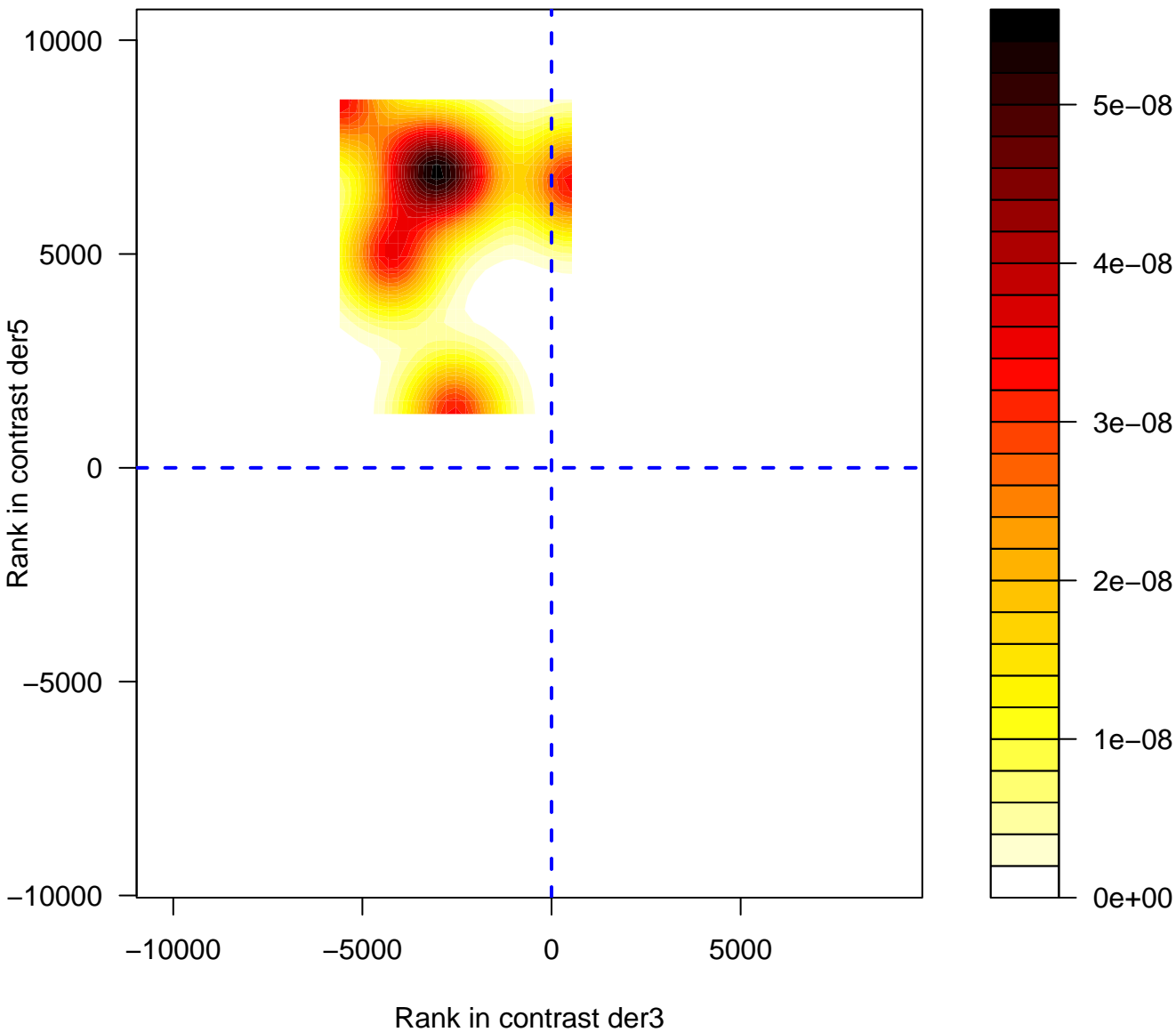
# secondary.metabolism.simple.phenols



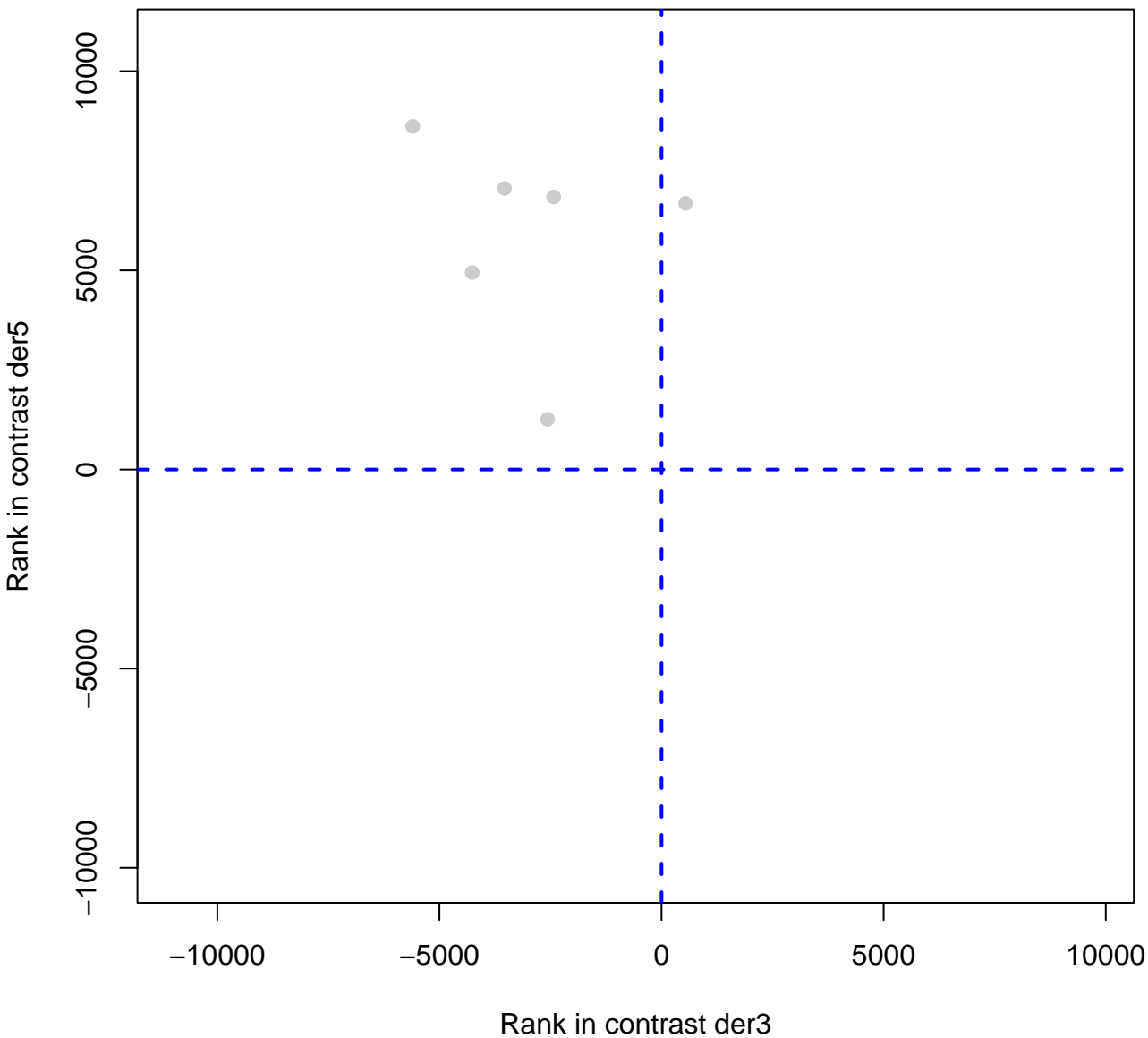
# secondary.metabolism.simple.phenols



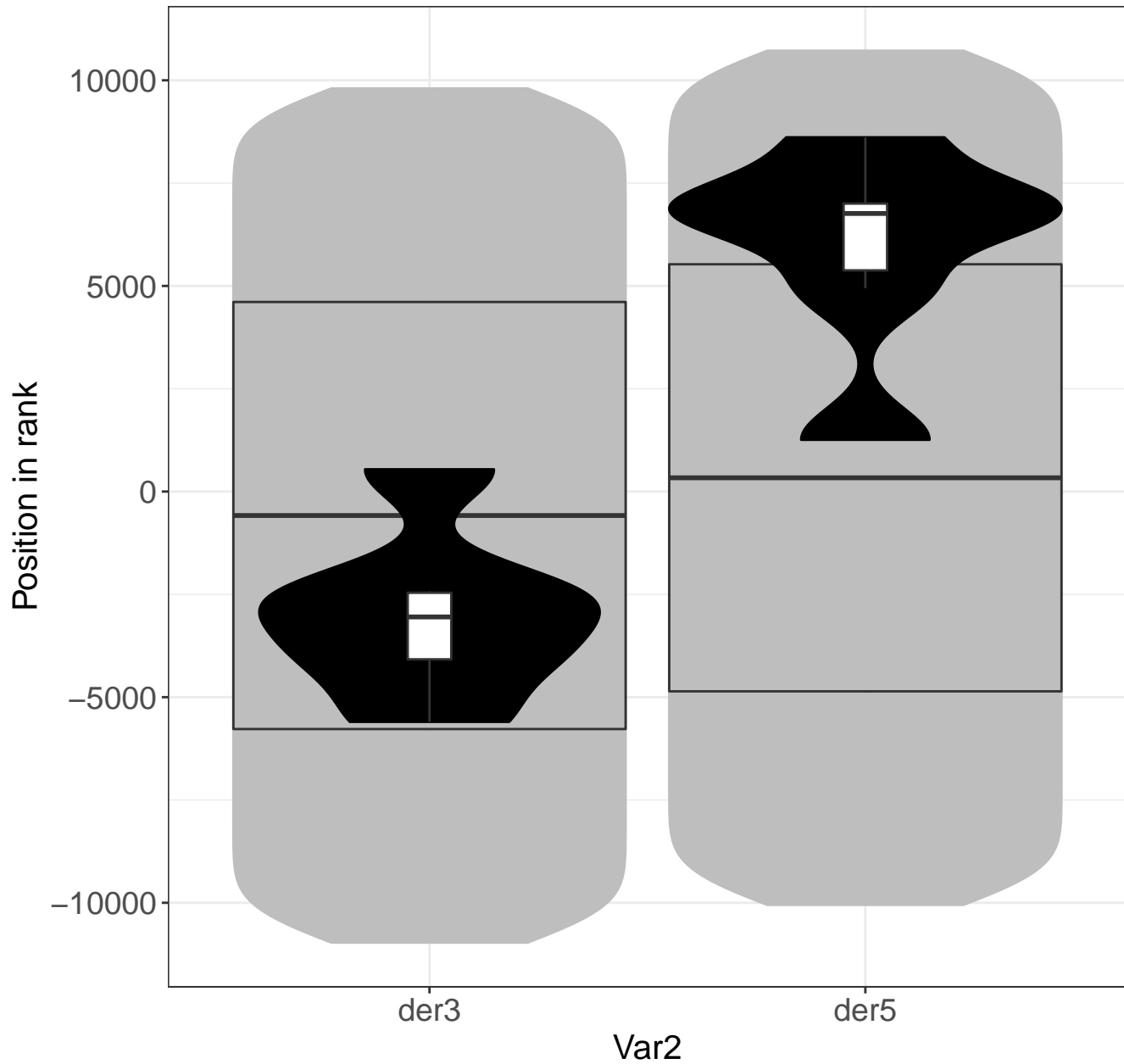
# protein.synthesis.ribosome.biogenesis.BRIX



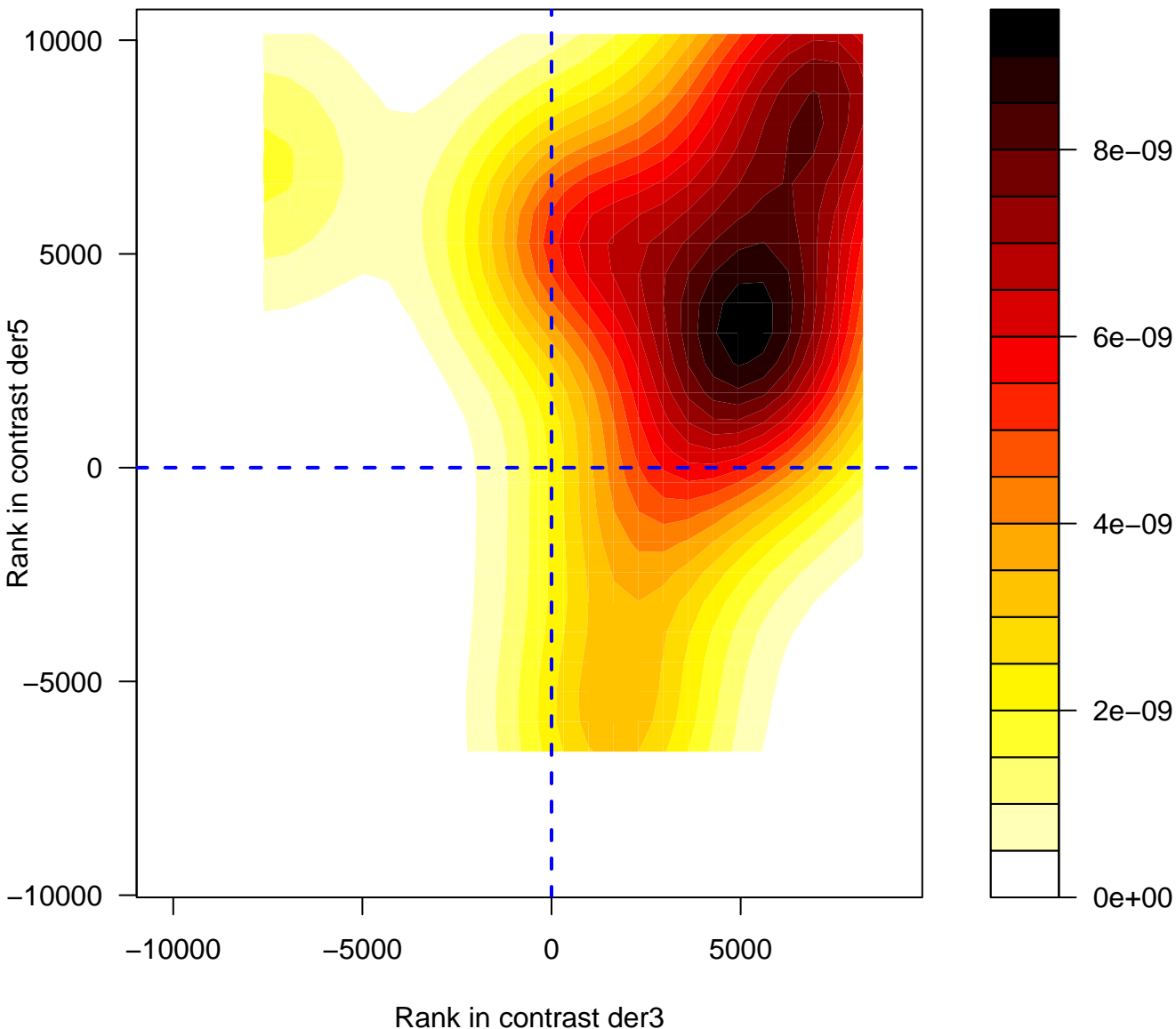
# protein.synthesis.ribosome.biogenesis.BRIX



# protein.synthesis.ribosome.biogenesis.BRIX

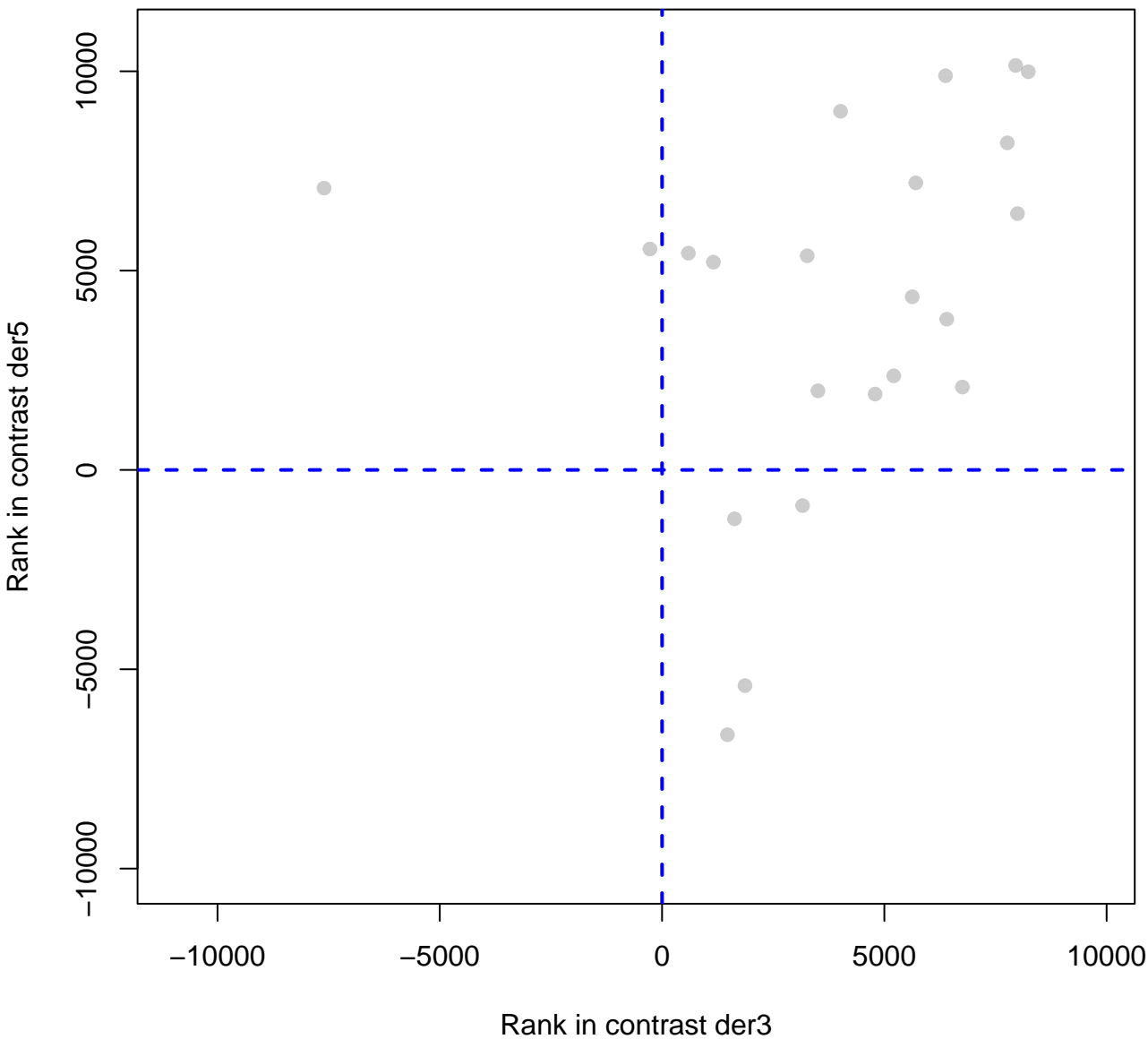


# transport.metabolite.transporters.at.the.envelope.membr

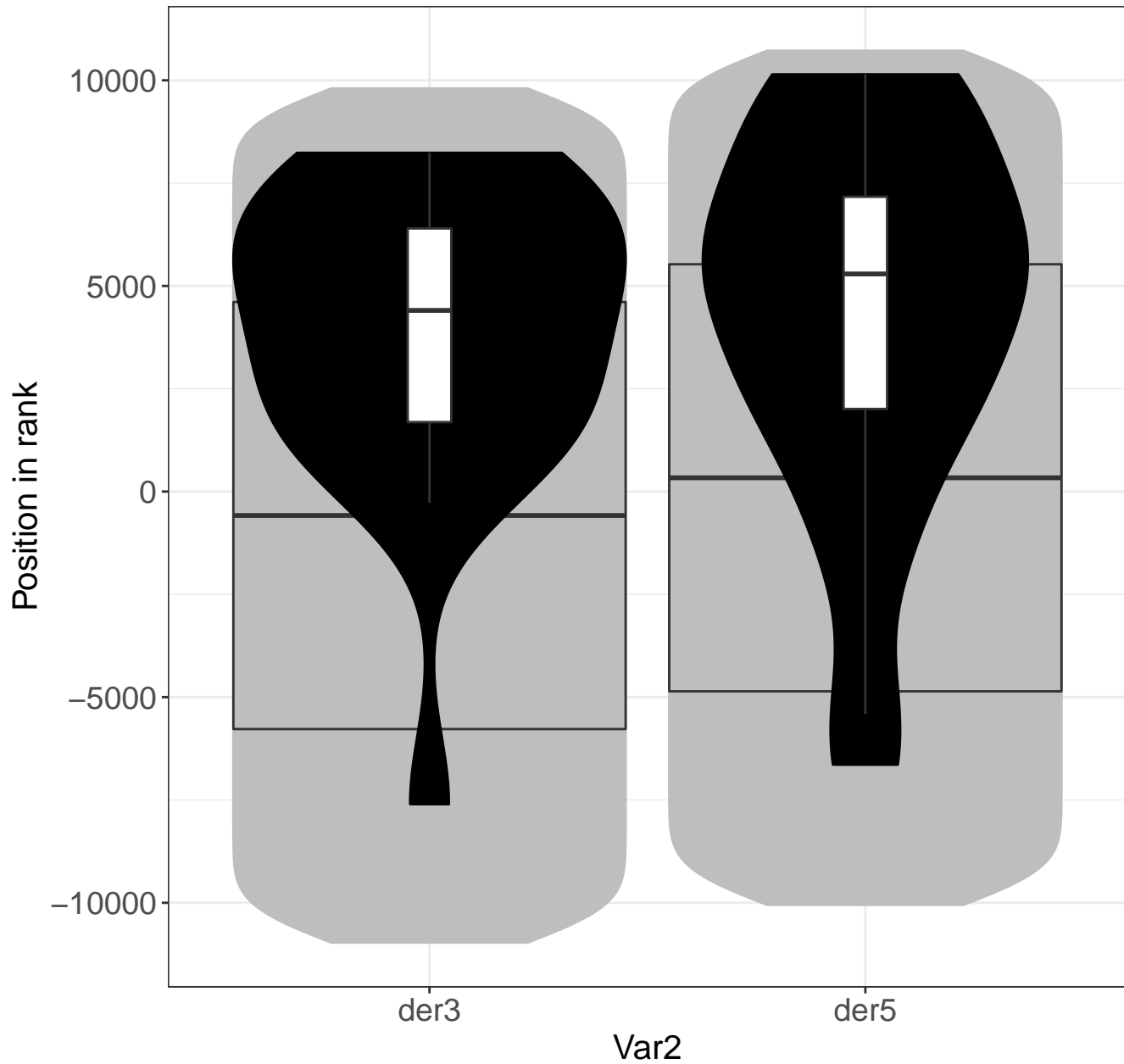




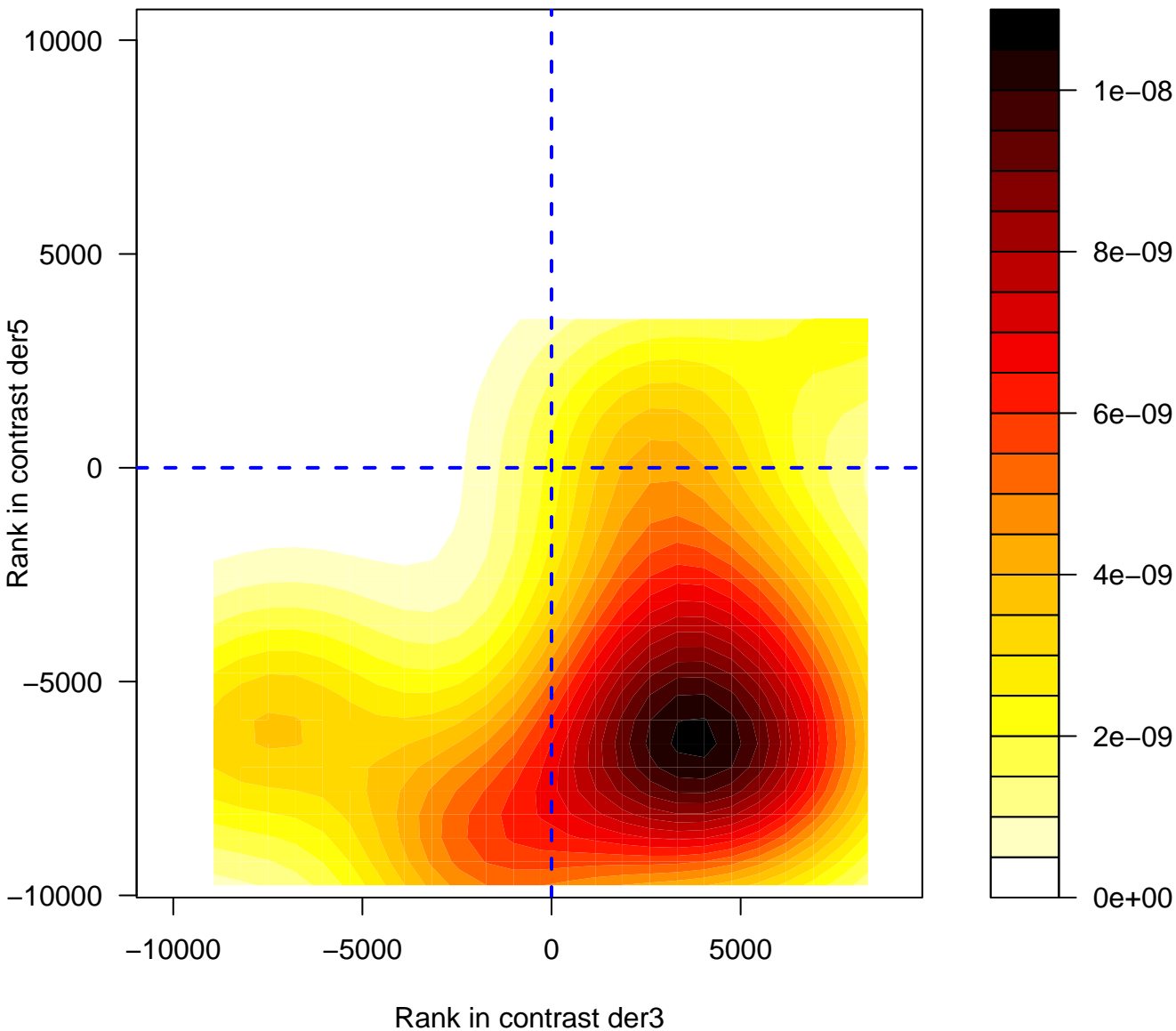
# transport.metabolite.transporters.at.the.envelope.membrane



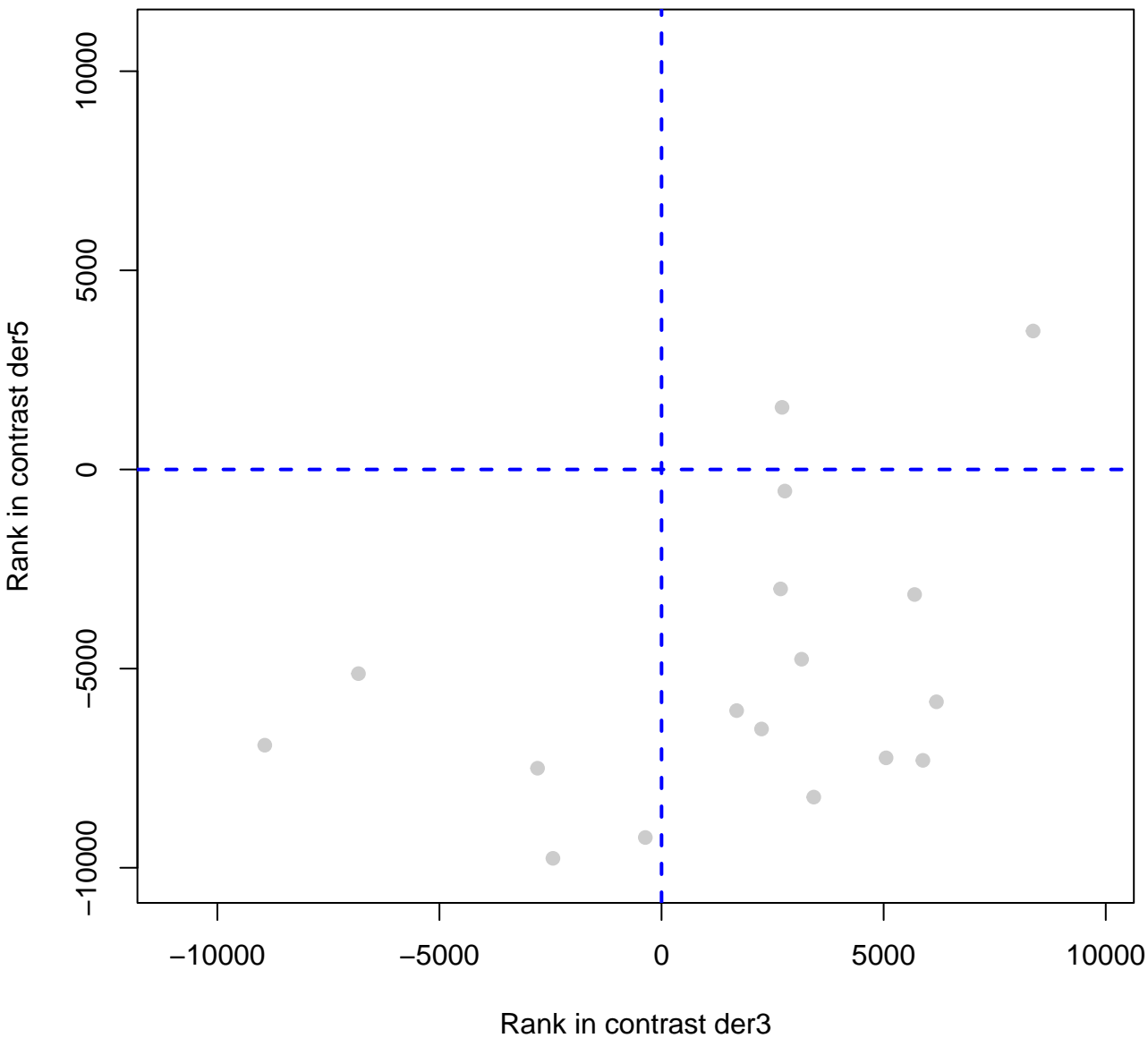
# transport.metabolite.transporters.at.the.envelope



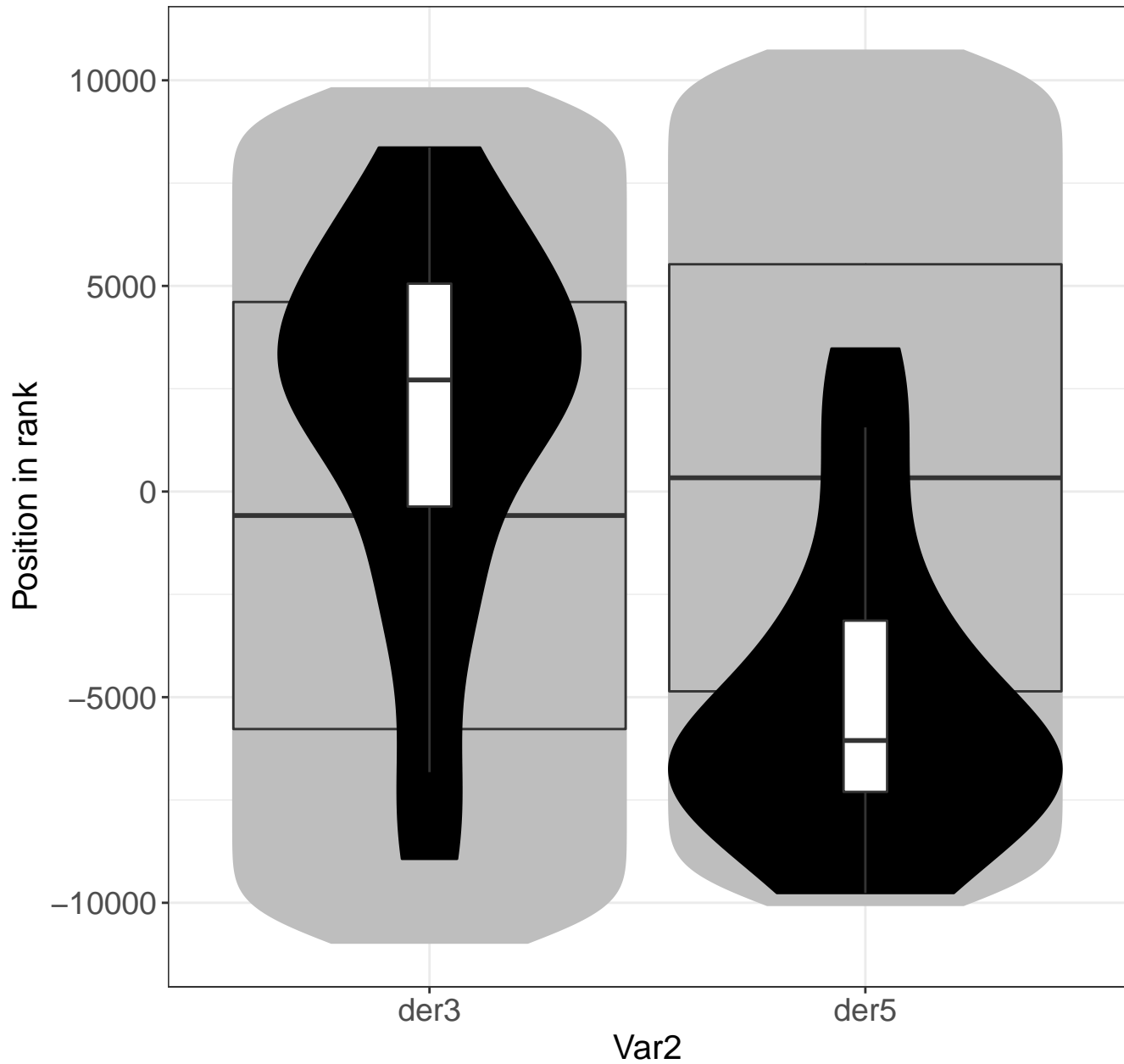
# redox.ascorbate.and.glutathione



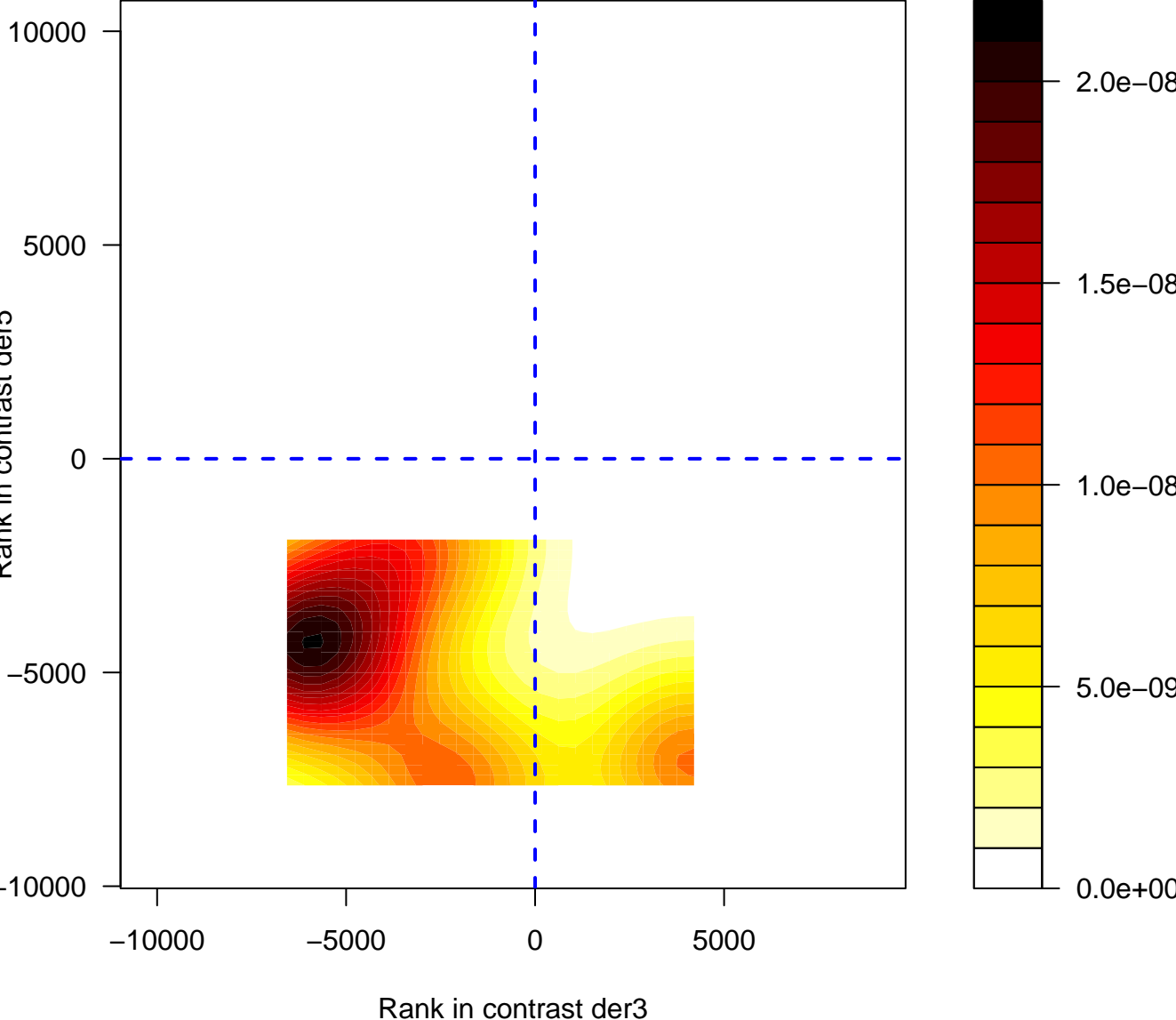
# redox.ascorbate.and.glutathione



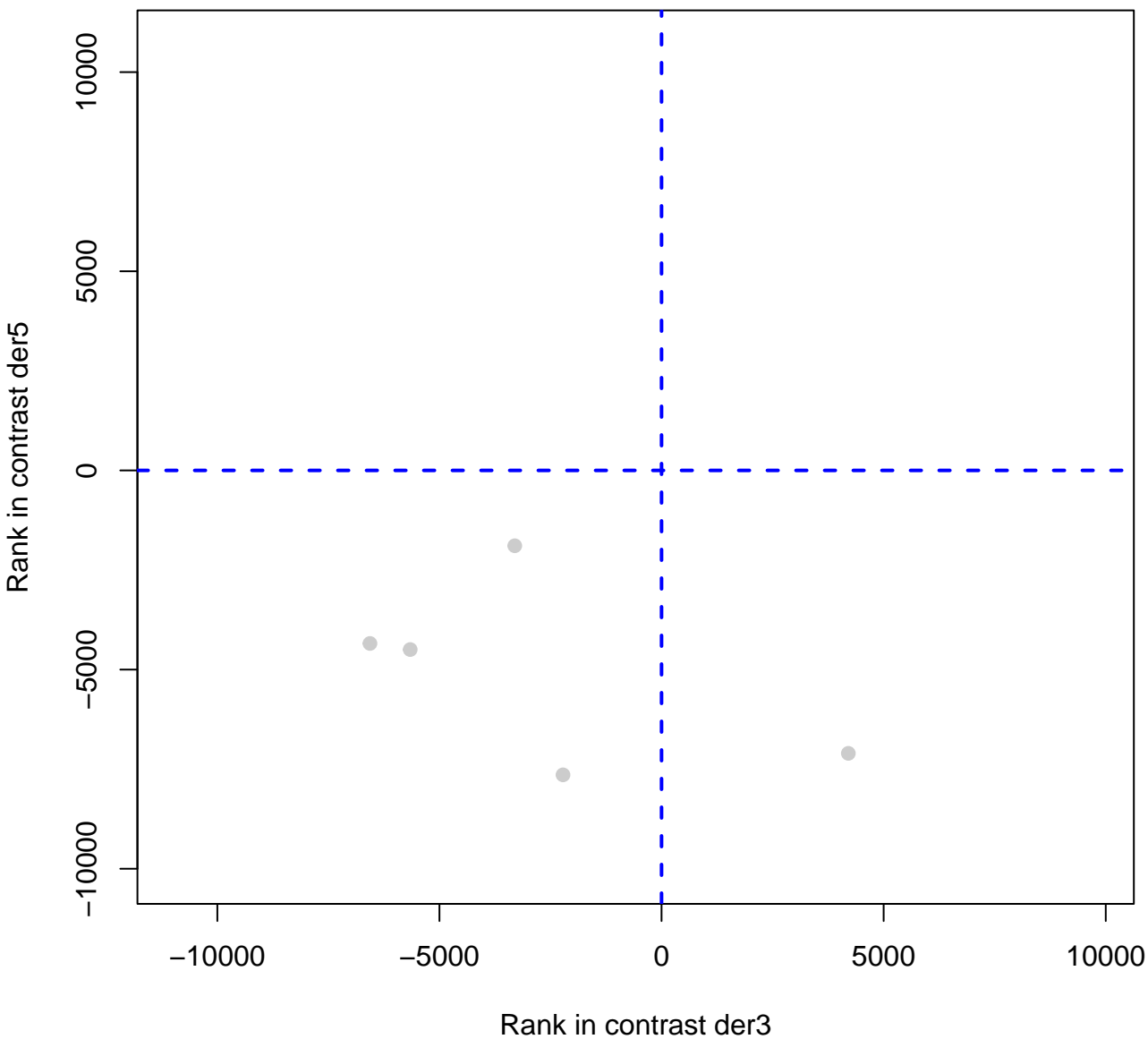
# redox.ascorbate.and.glutathione



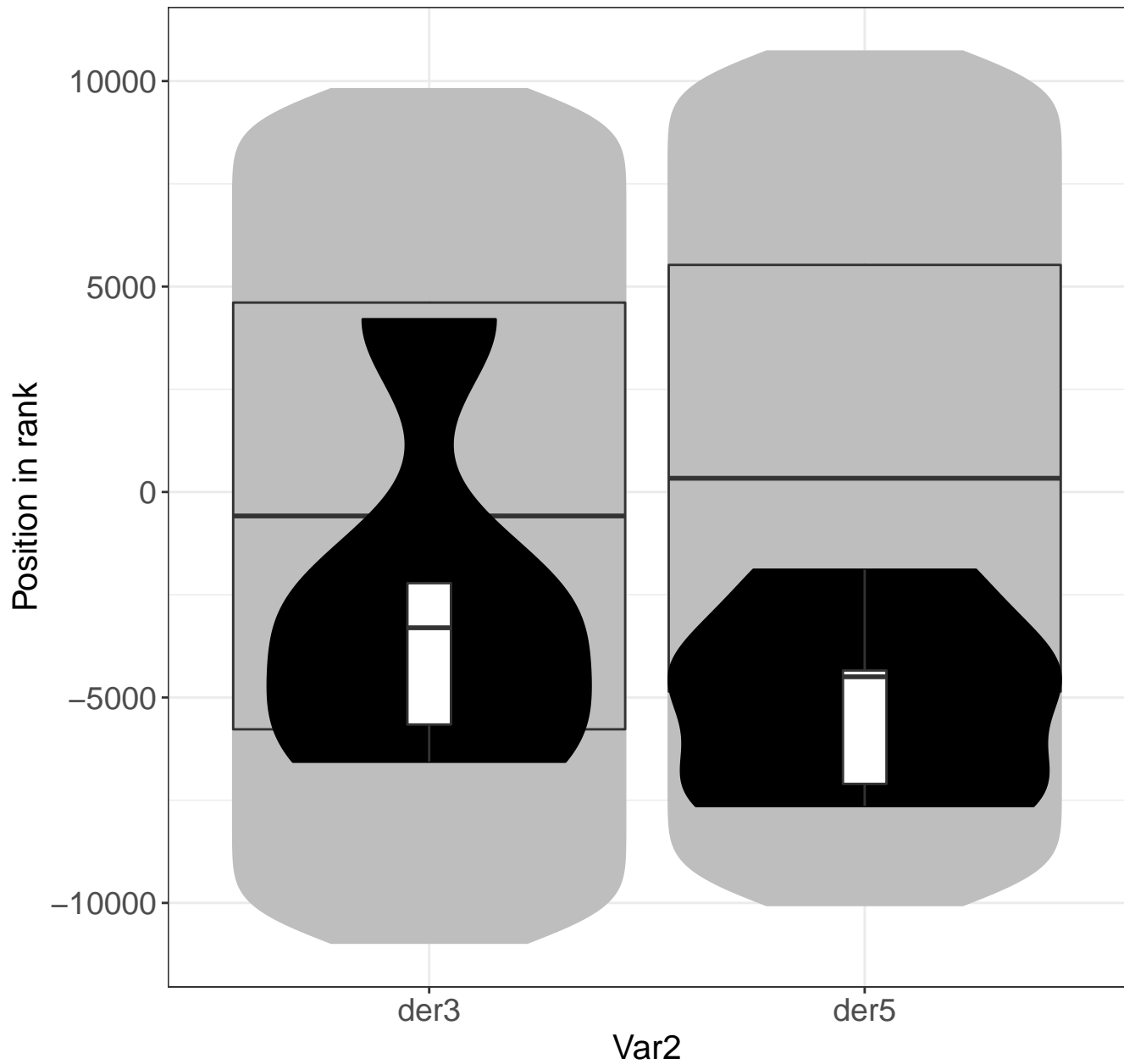
**protein.synthesis.ribosomal.protein.eukaryotic.40S.subunit.**



# protein.synthesis.ribosomal.protein.eukaryotic.40S.subunit.S15A

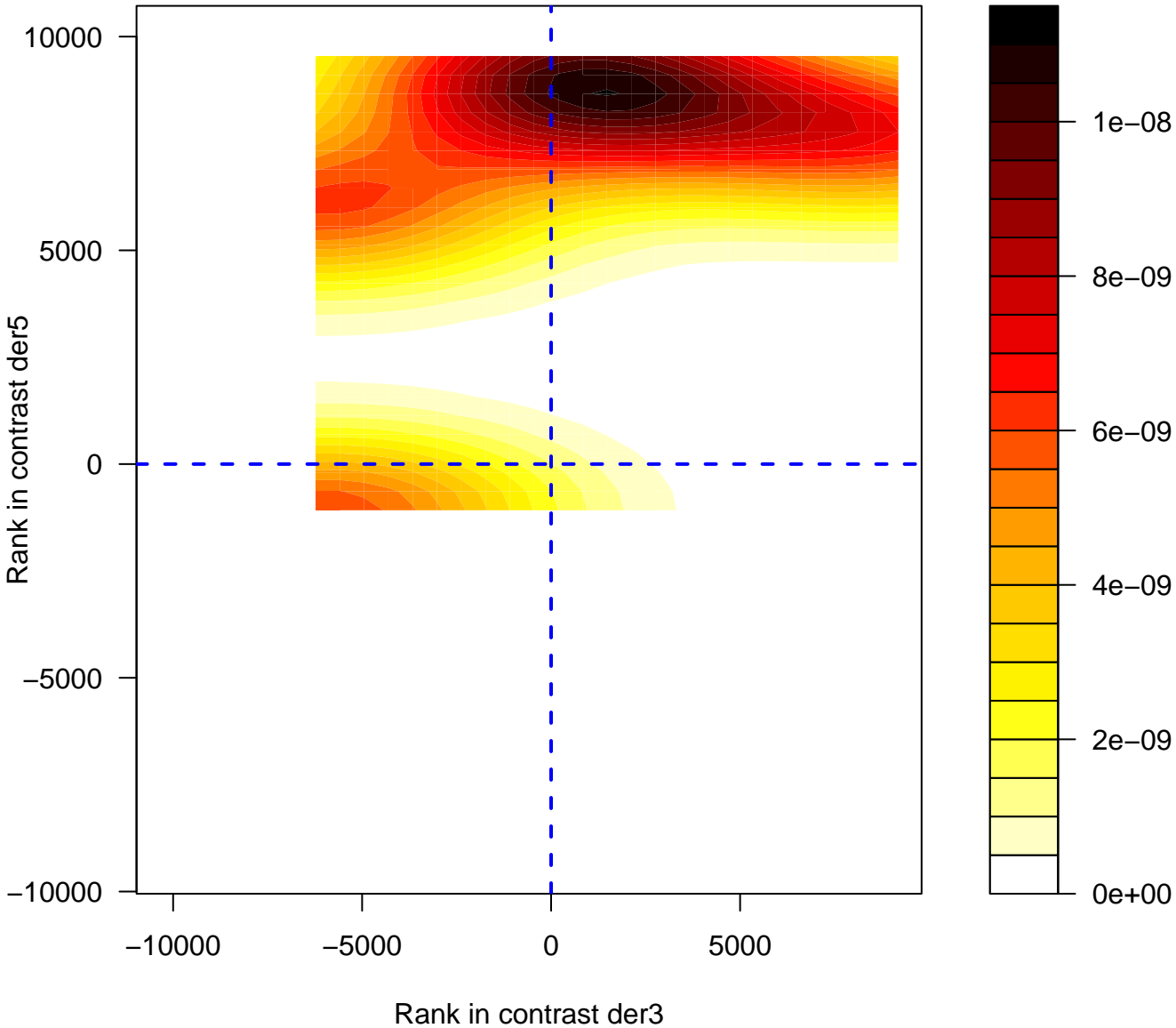


protein.synthesis.ribosomal.protein.eukaryotic.40

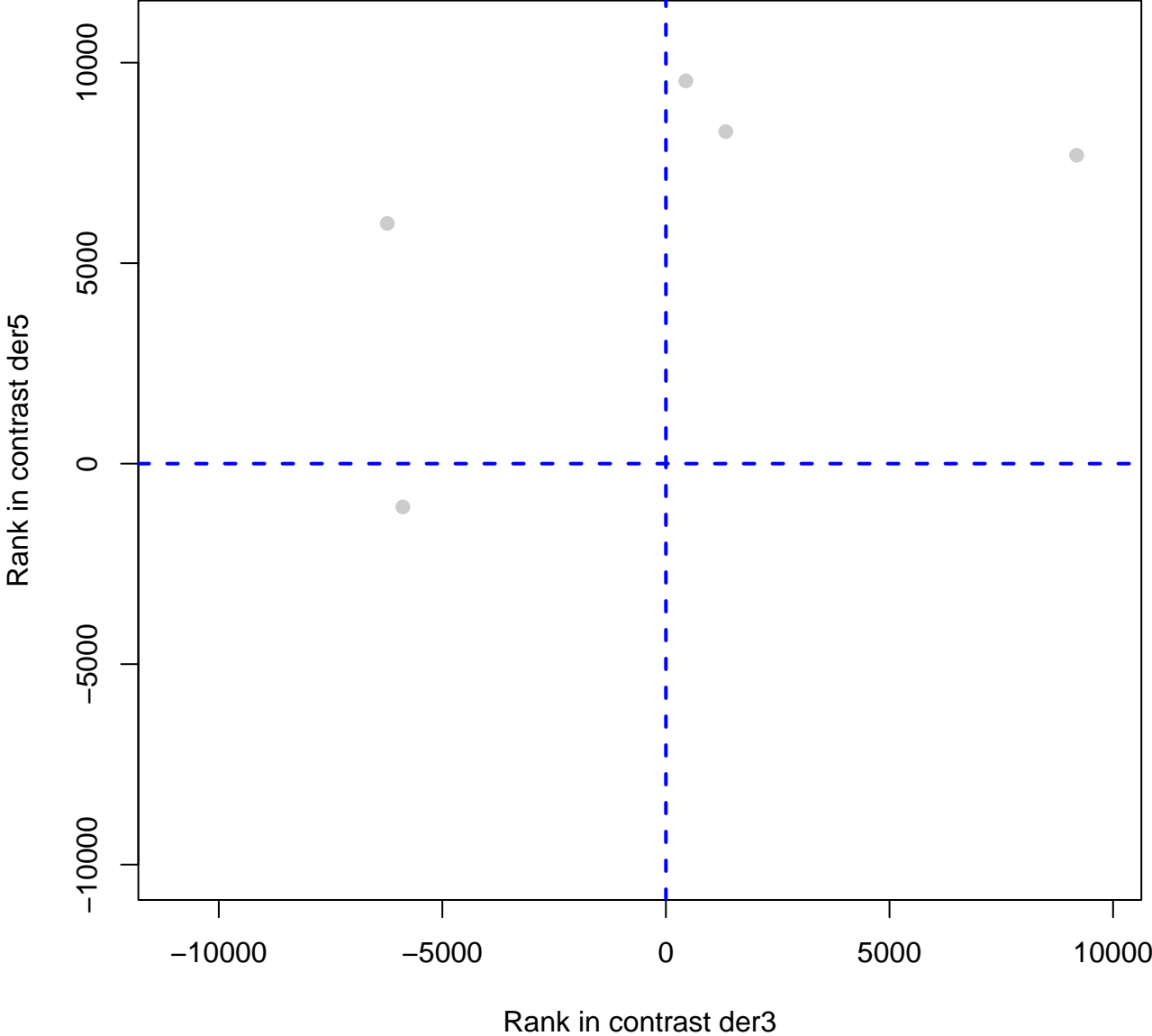


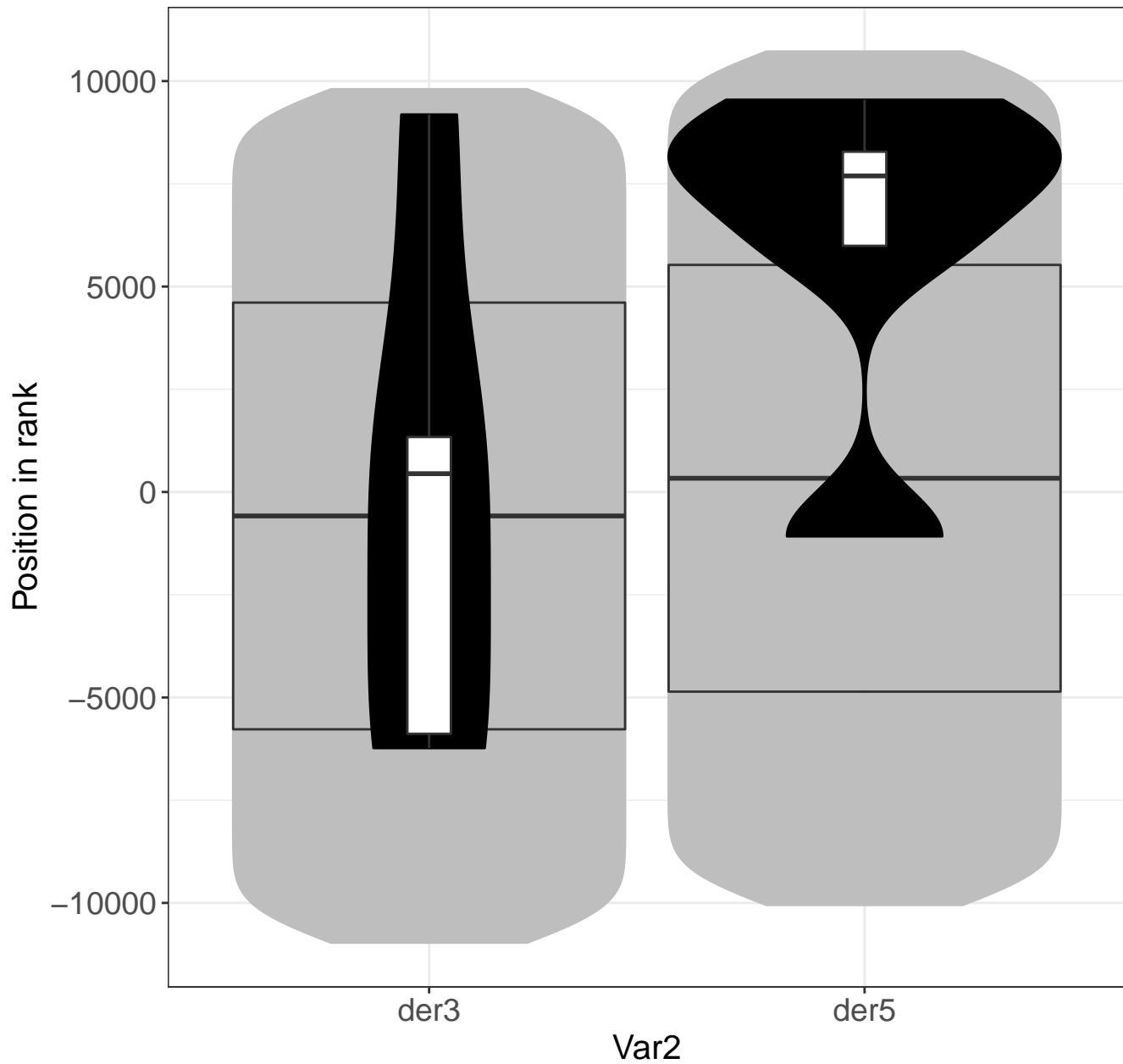


# nucleotide.metabolism.salvage.phosphoribosyltransferases

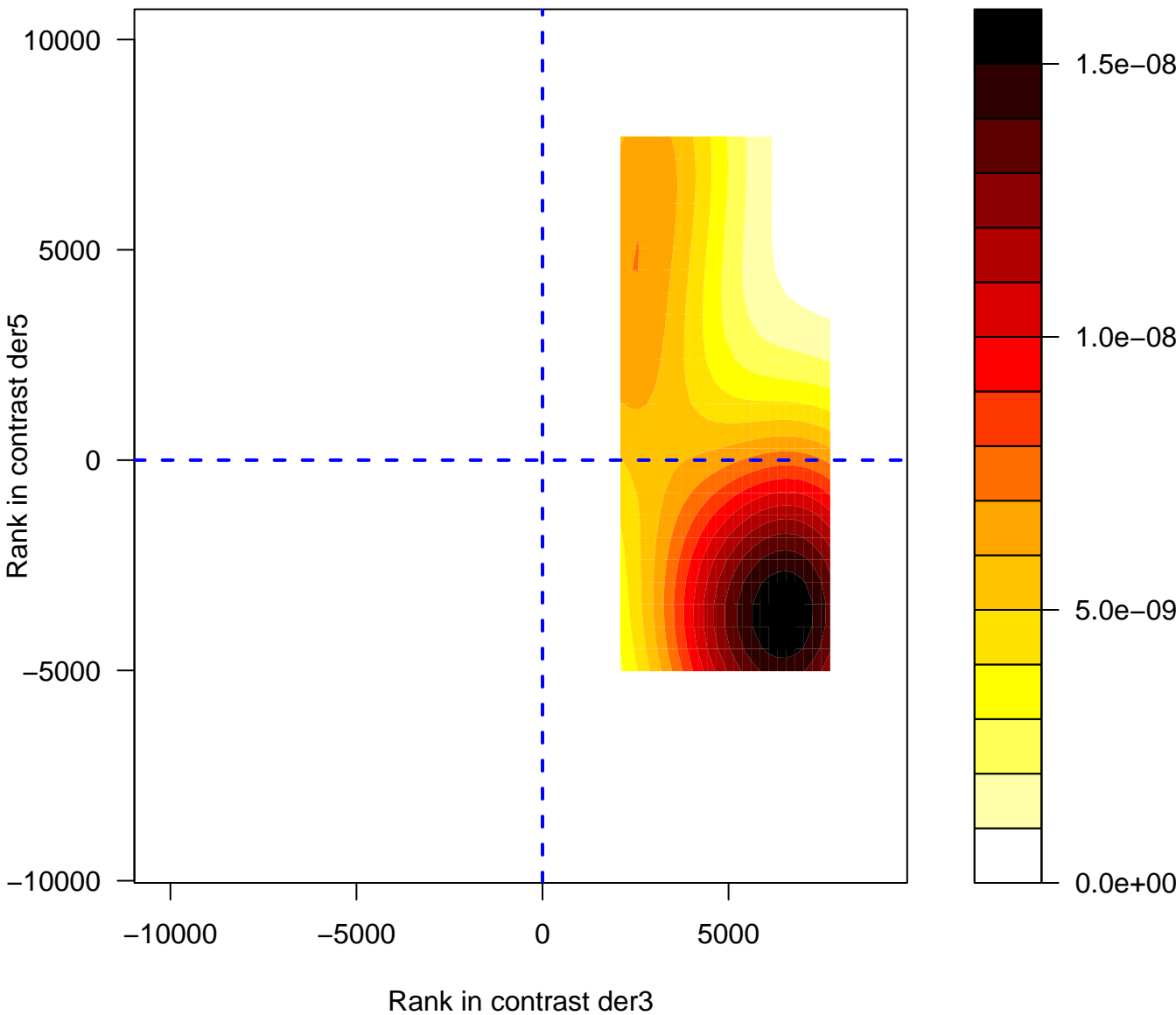


nucleotide.metabolism.salvage.phosphoribosyltransferases.upp

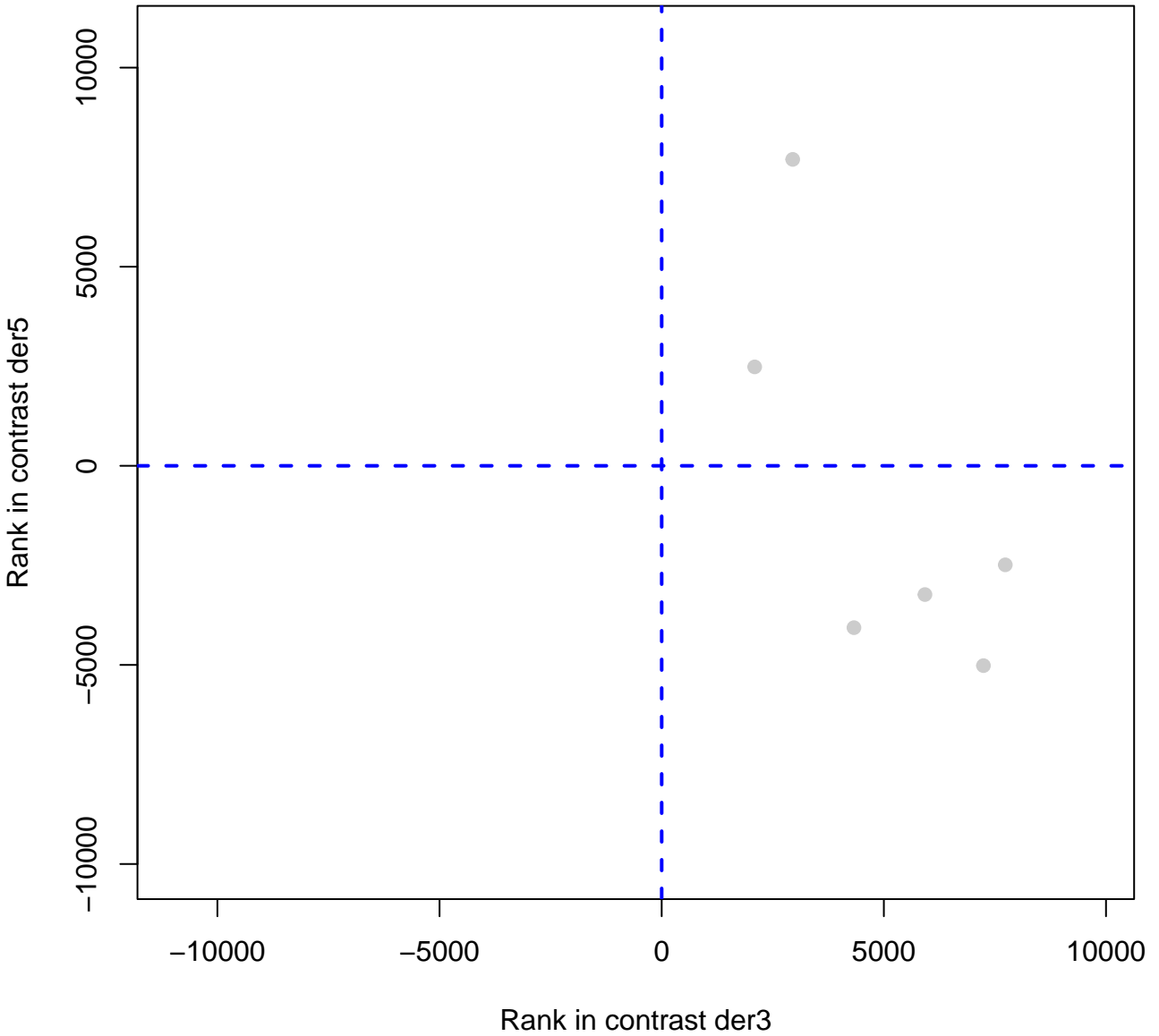




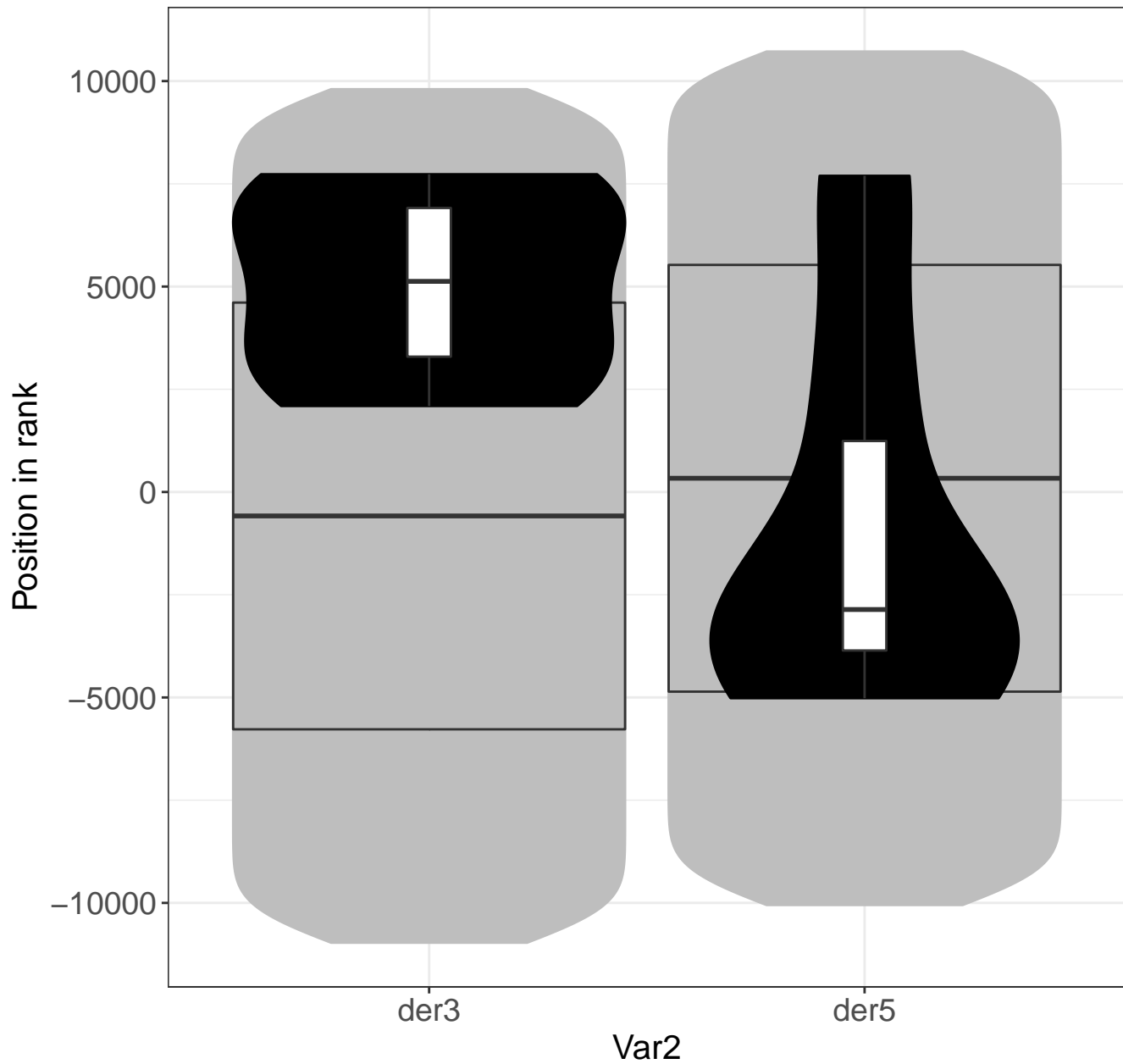
# cell.wall.precursor.synthesis.UXS



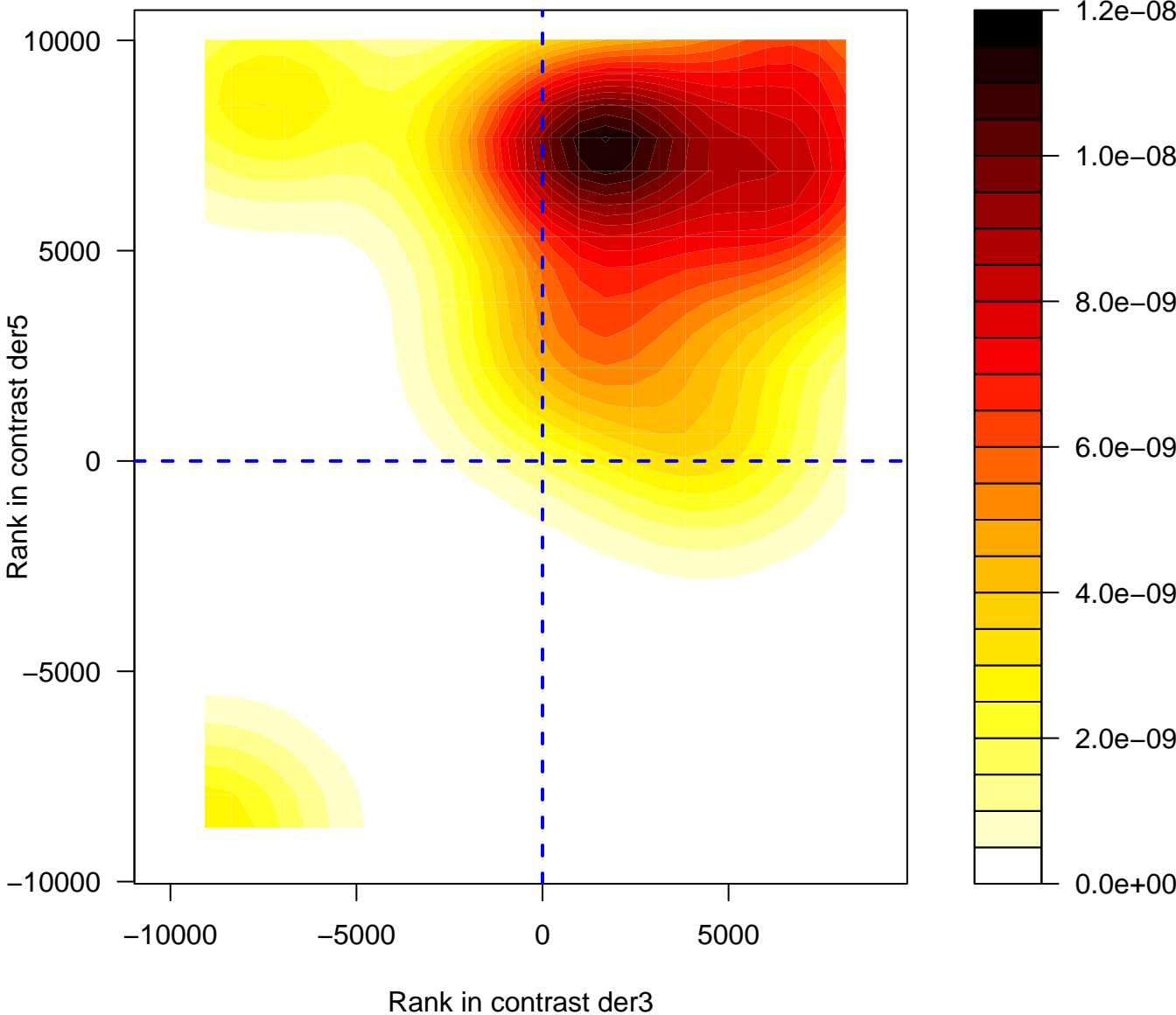
# cell.wall.precursor.synthesis.UXS



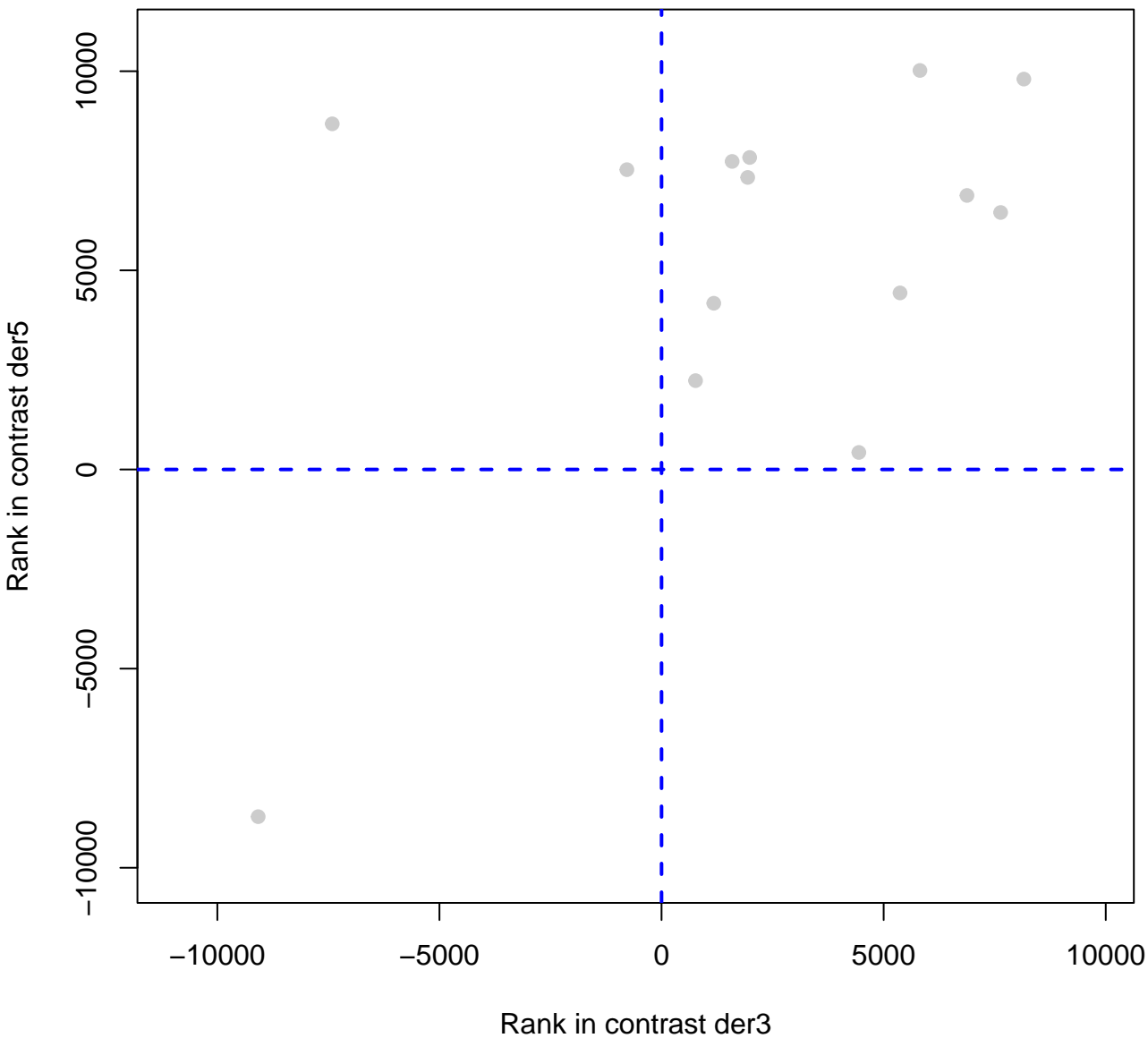
# cell.wall.precursor.synthesis.UXS



# development.squamosa.promoter.binding.like..SPL.

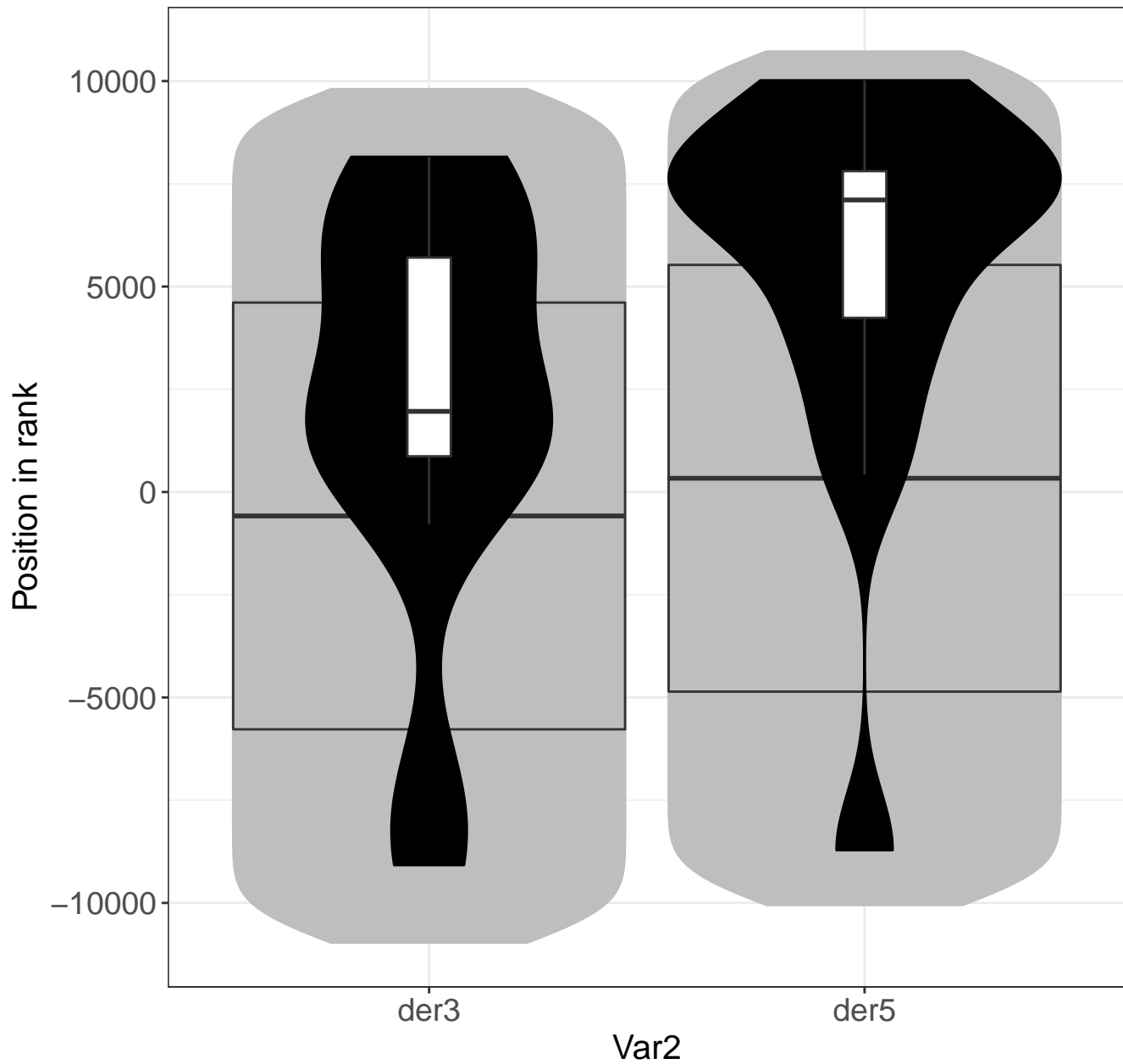


# development.squamosa.promoter.binding.like..SPL.

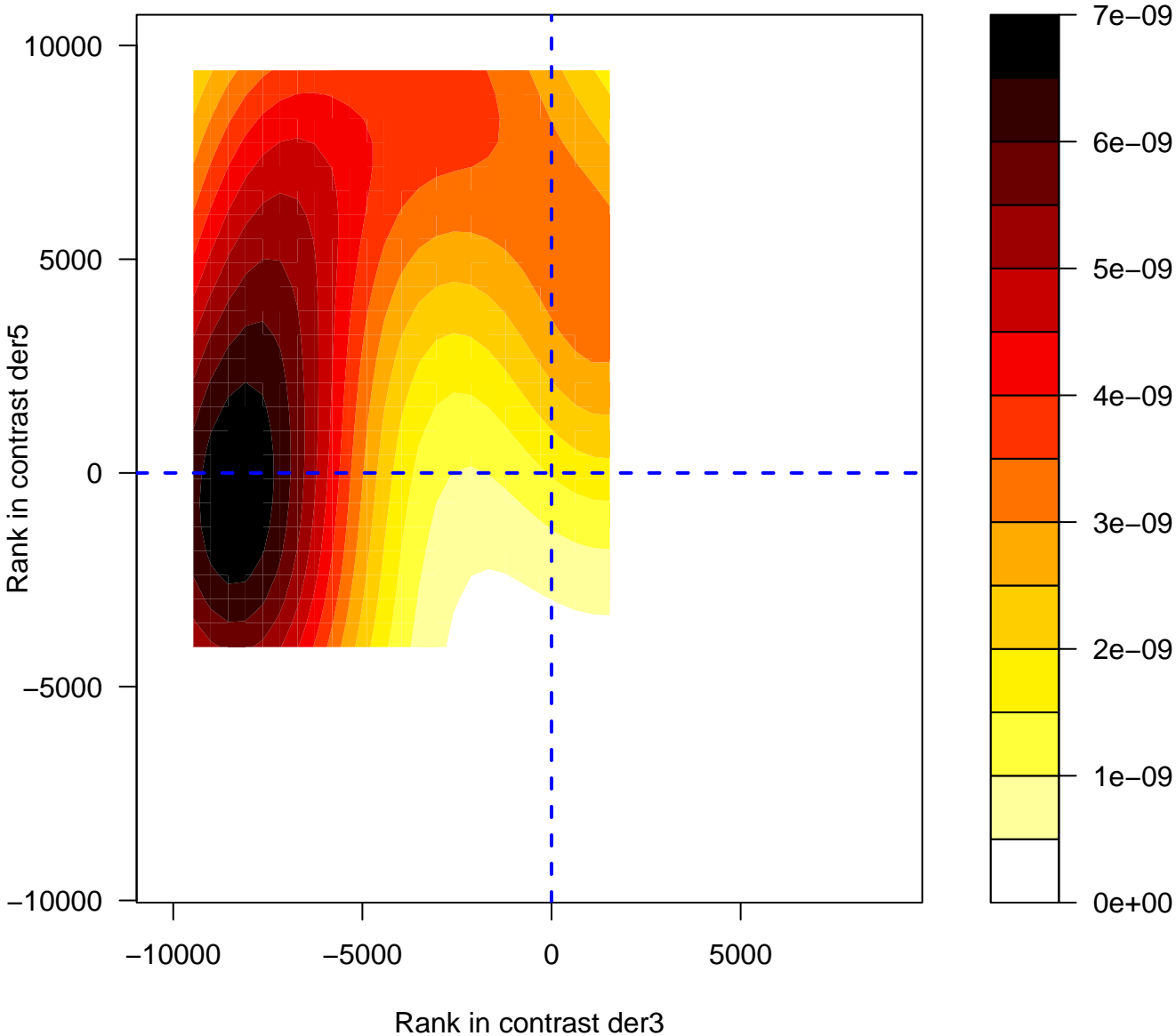




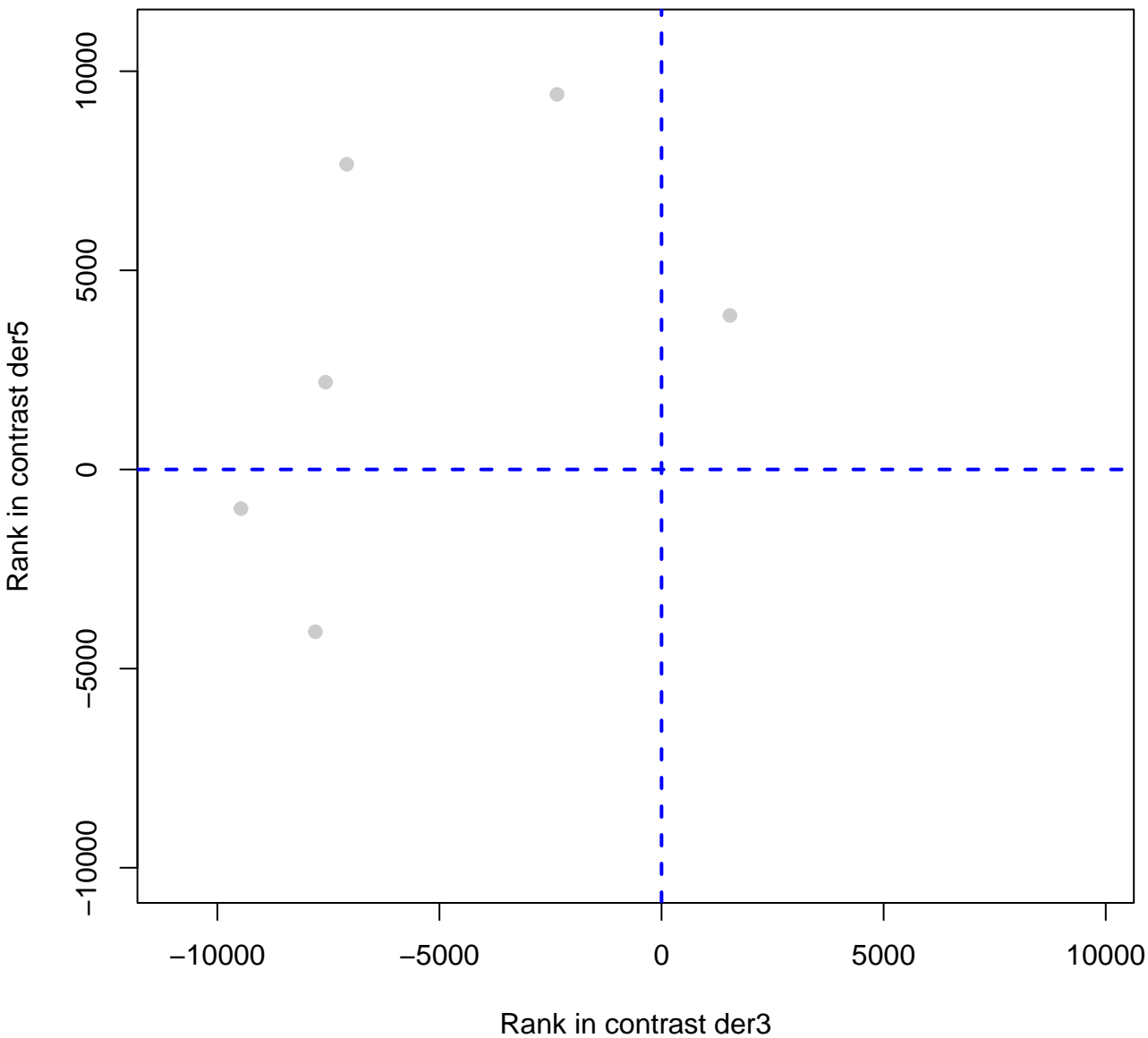
# development.squamosa.promoter.binding.like..SF



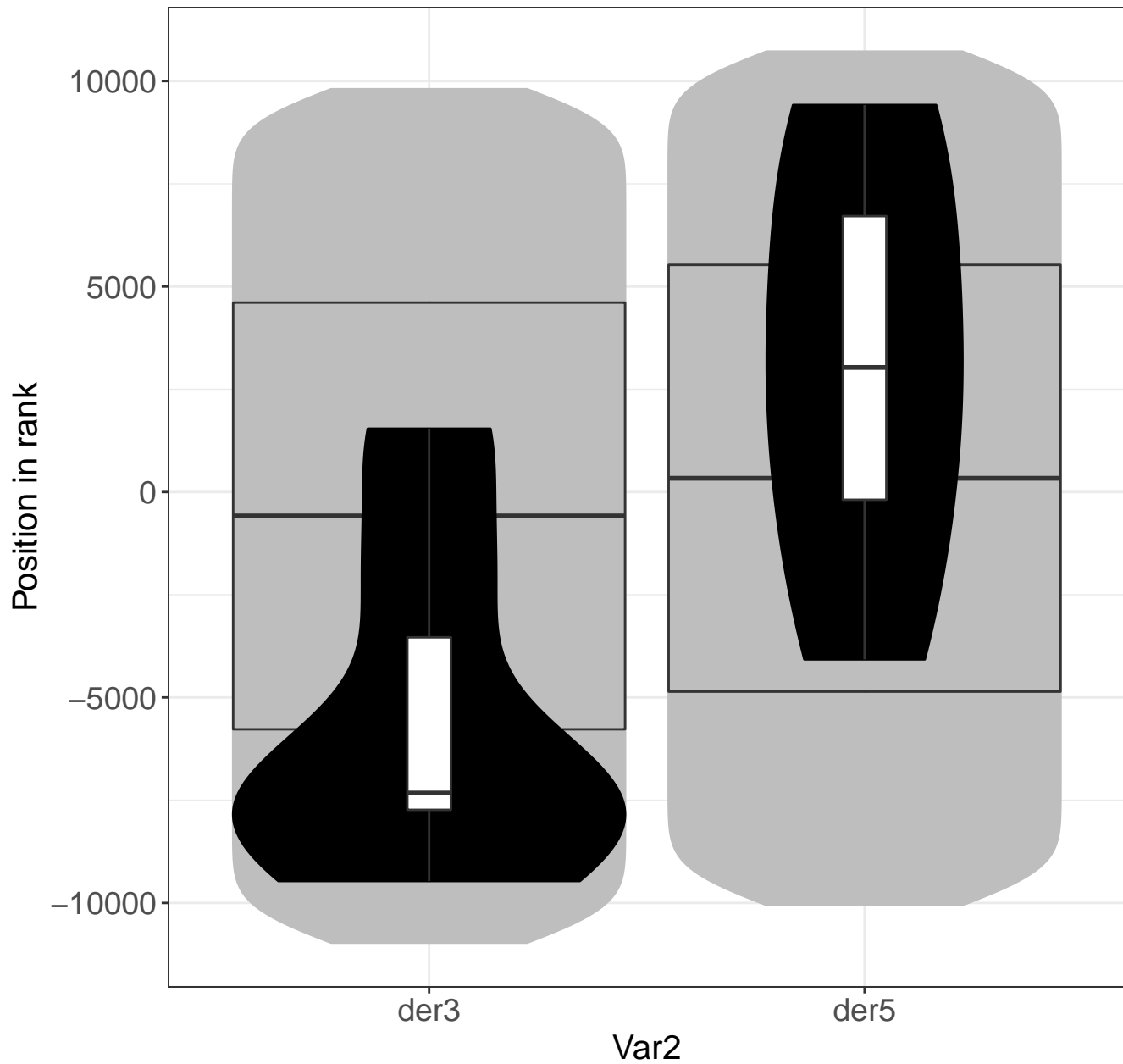
# PS.calvin.cycle.rubisco.interacting



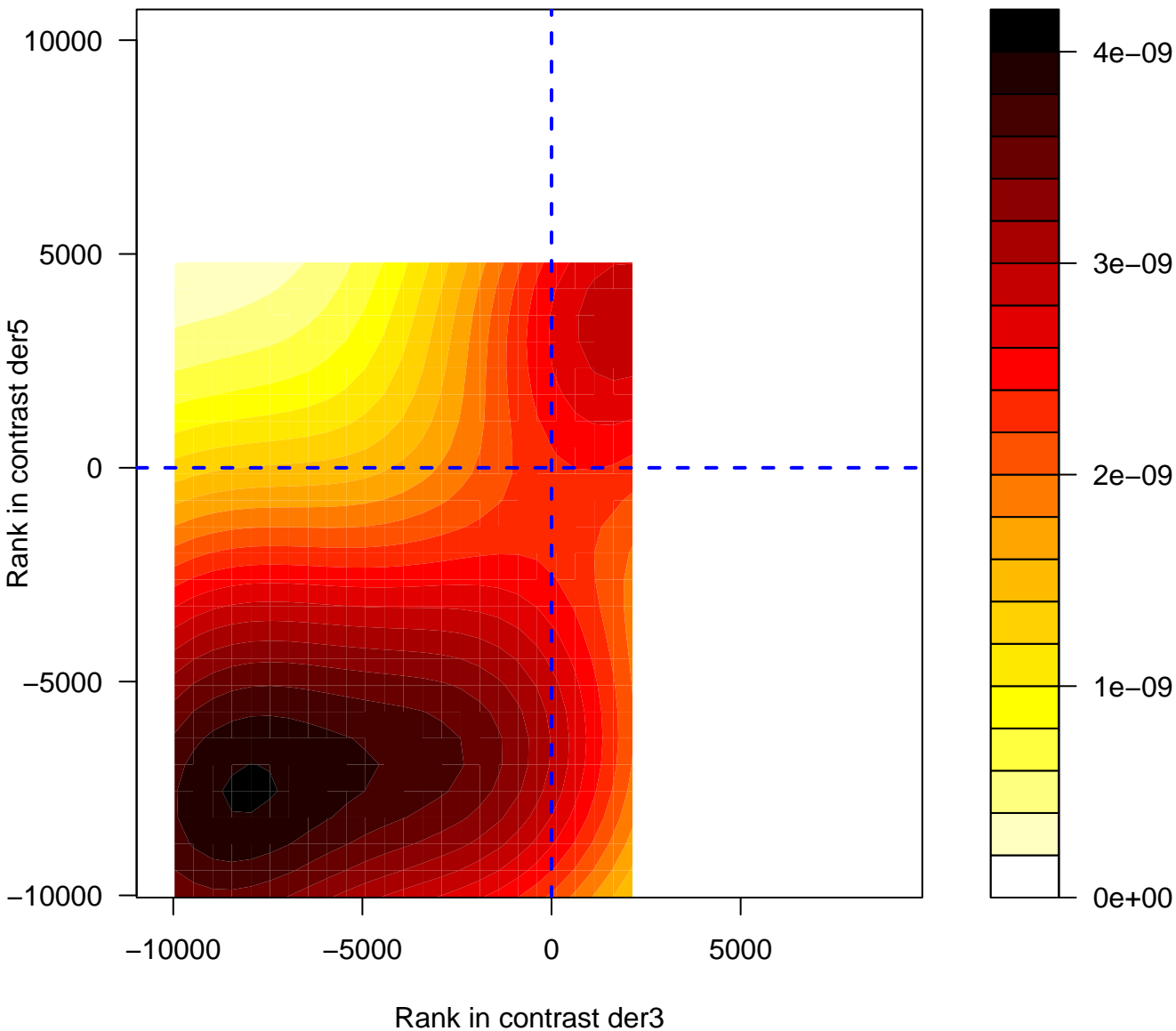
# PS.calvin.cycle.rubisco.interacting



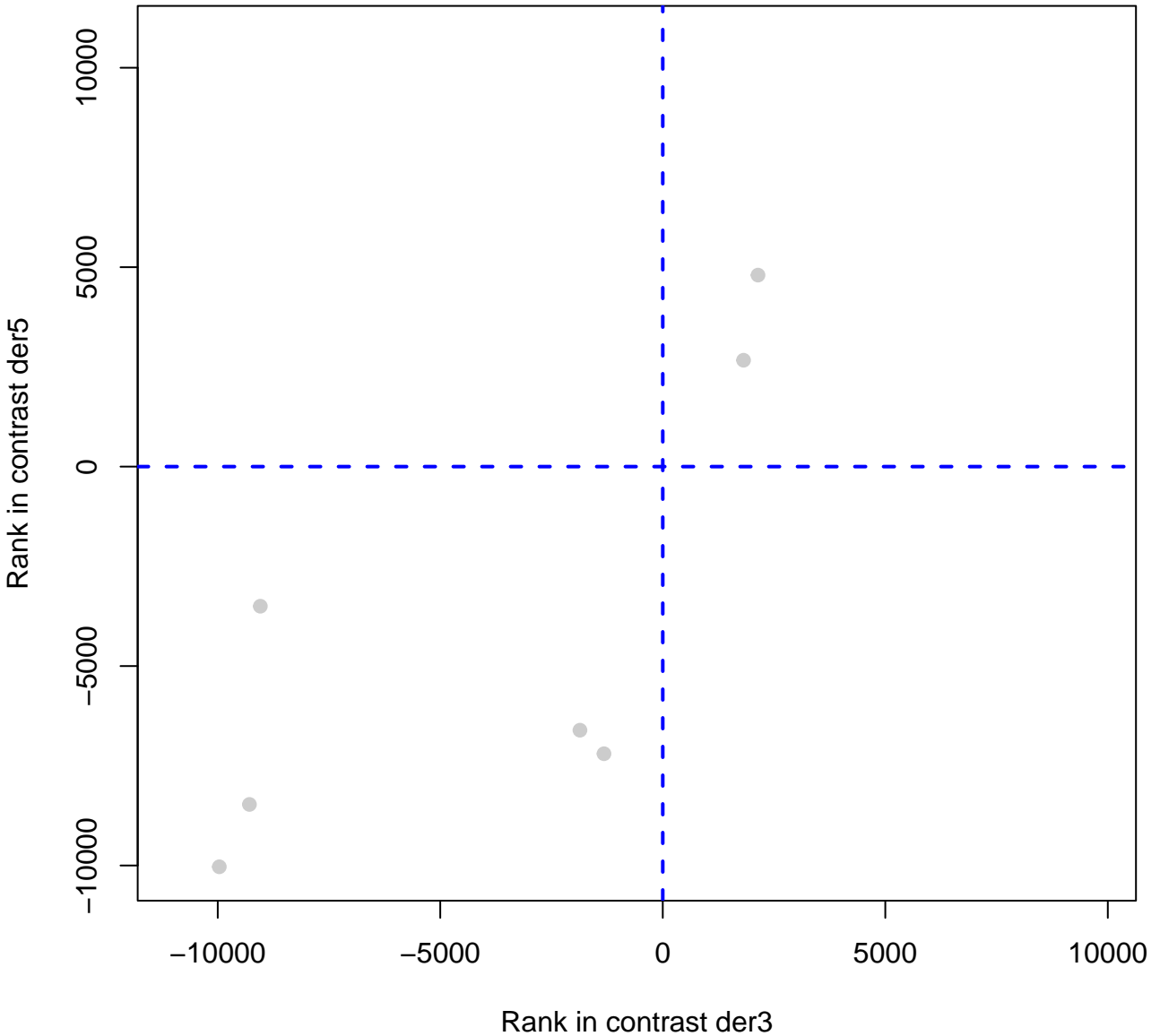
# PS.calvin.cycle.rubisco.interacting

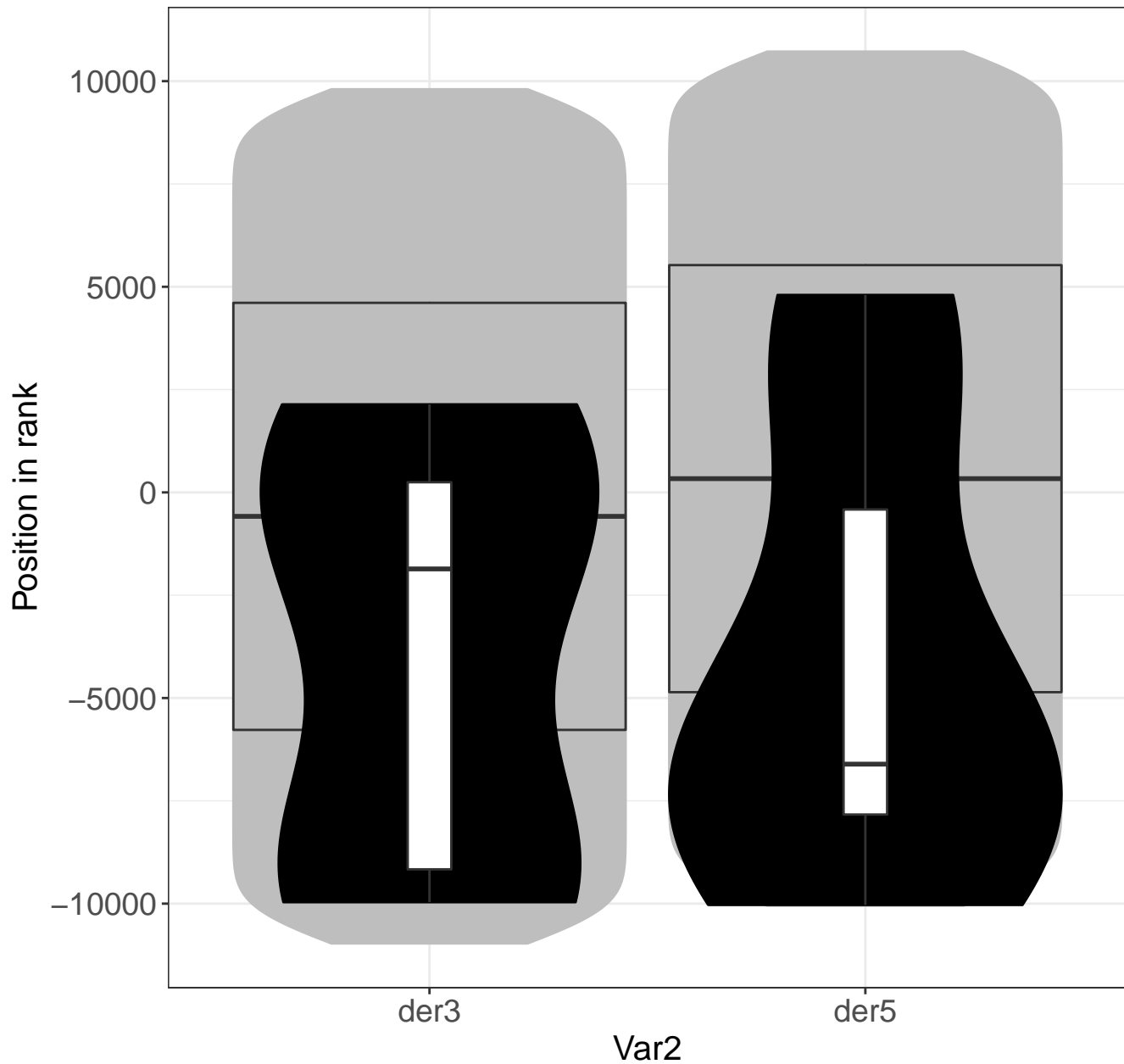


# secondary.metabolism.flavonoids.isoflavones.isoflavone.red

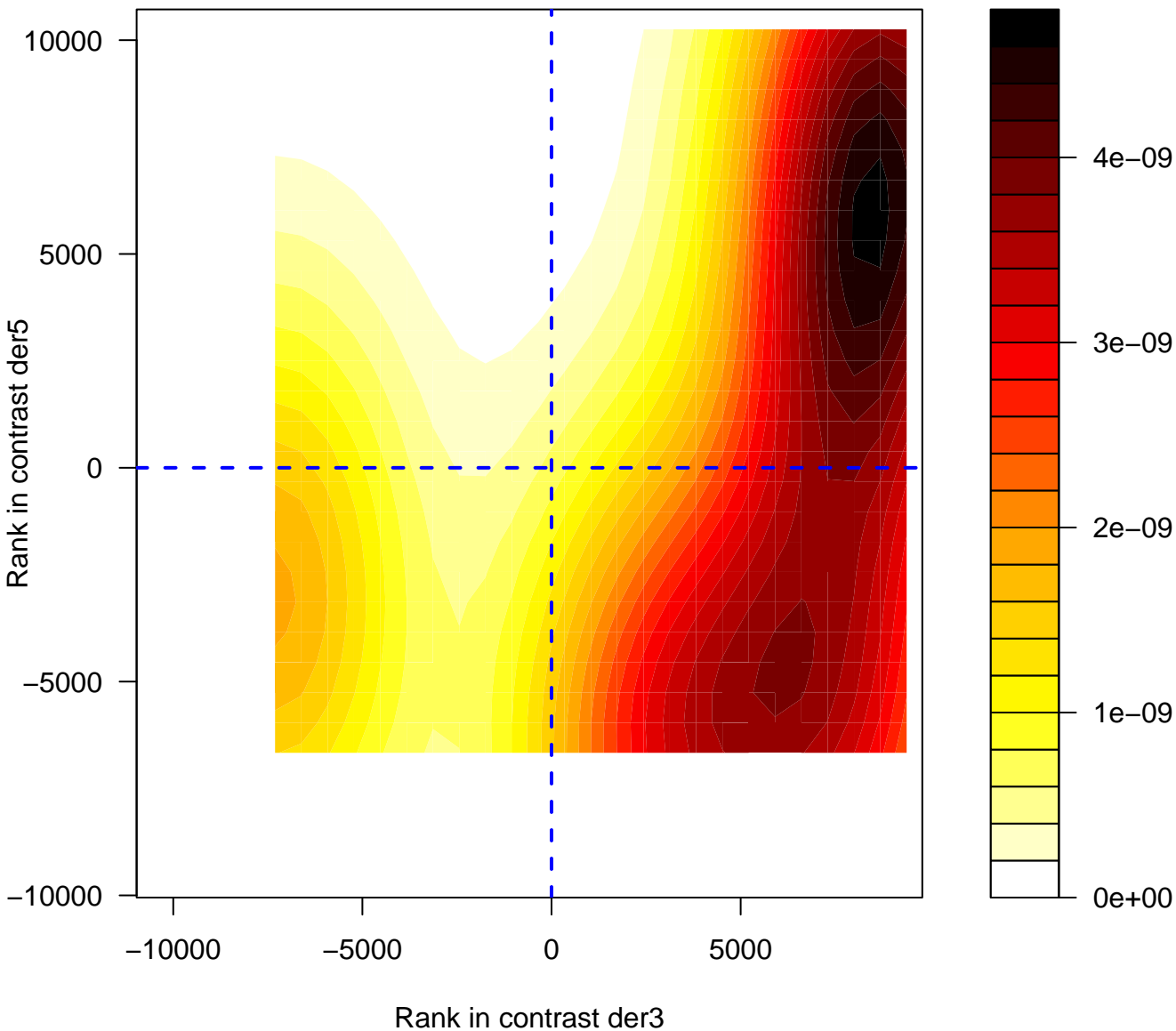


# secondary.metabolism.flavonoids.isoflavones.isoflavone.reductase



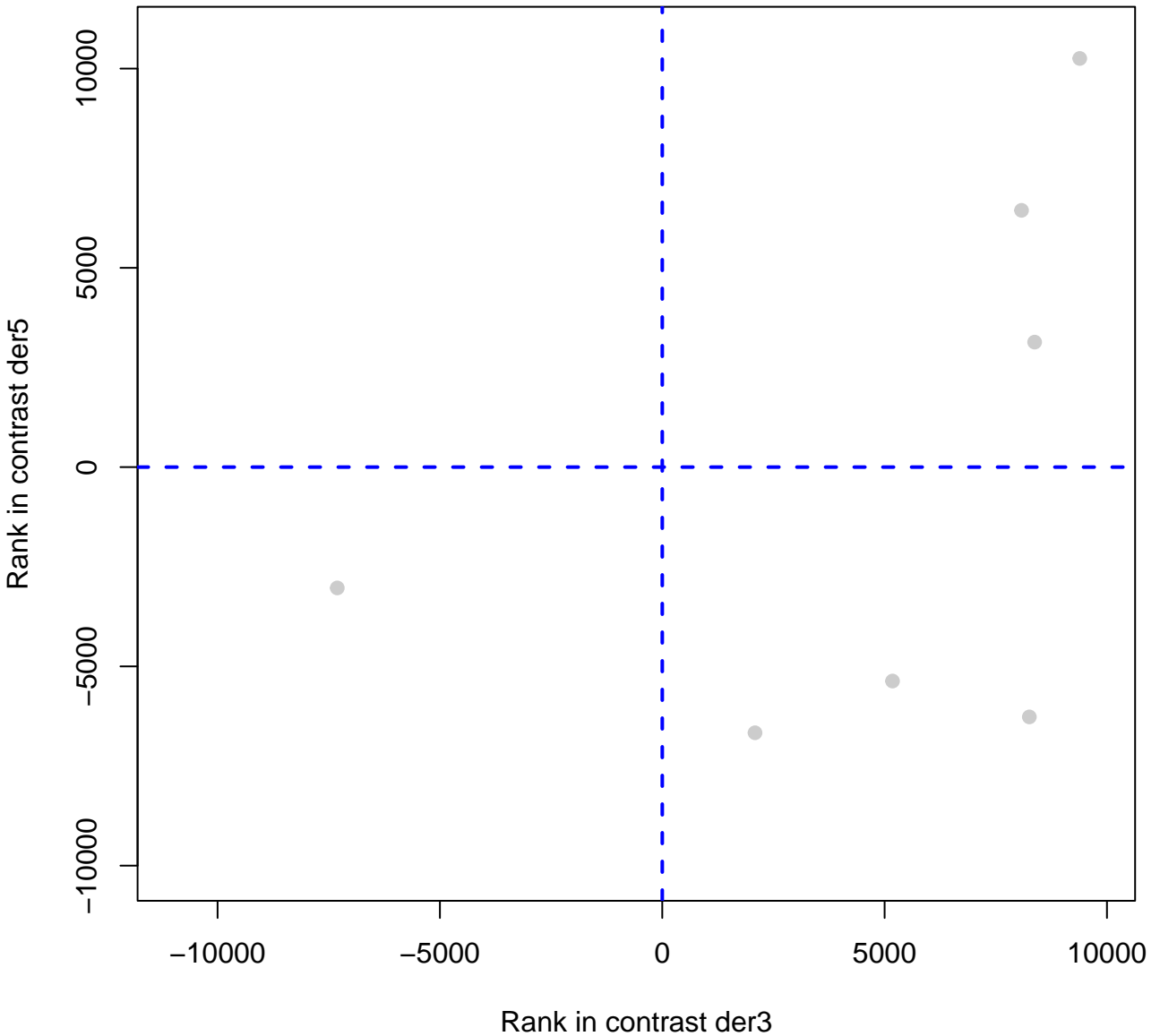


# cell.wall.cellulose.synthesis.COBRA

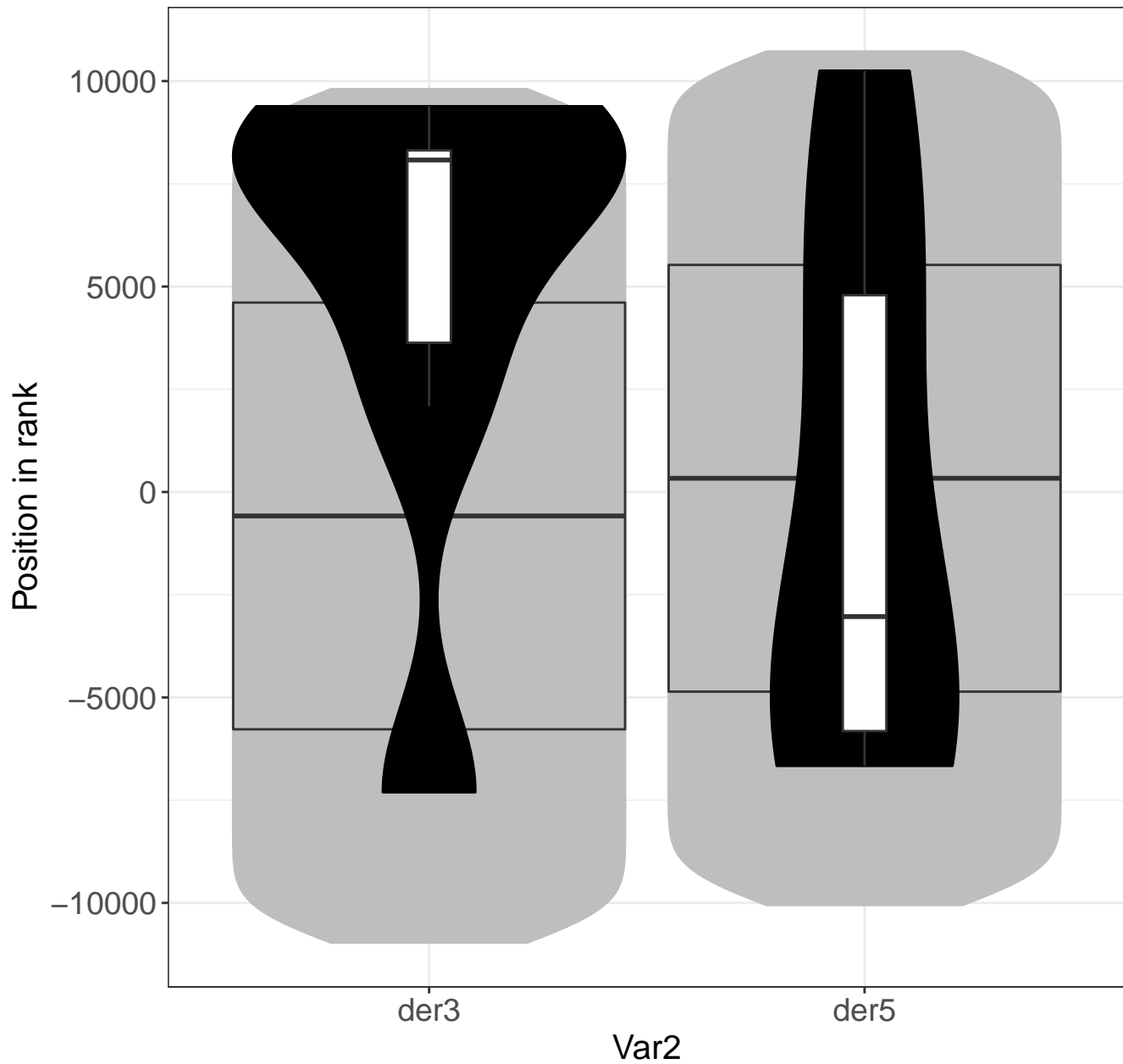




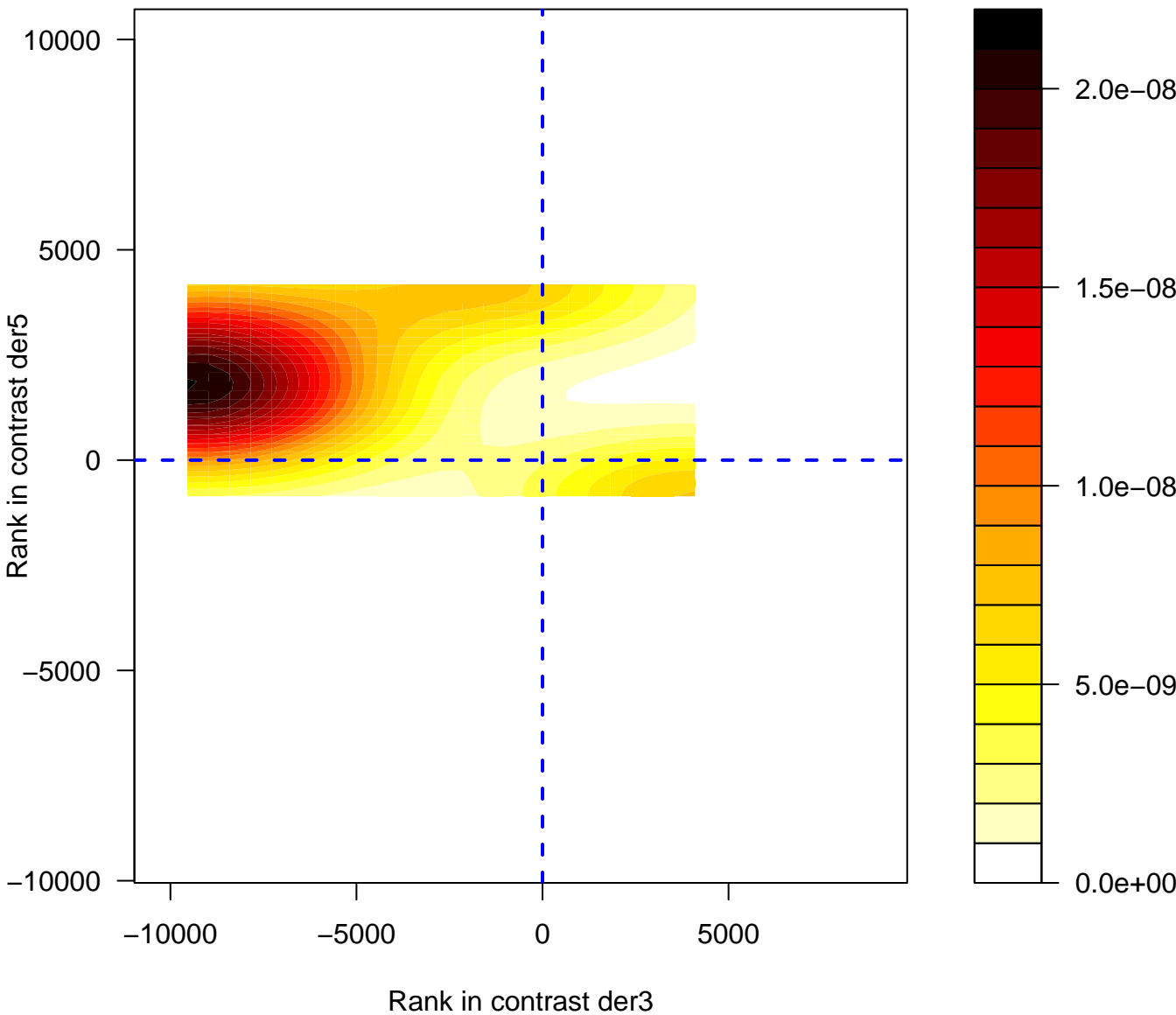
# cell.wall.cellulose.synthesis.COBRA



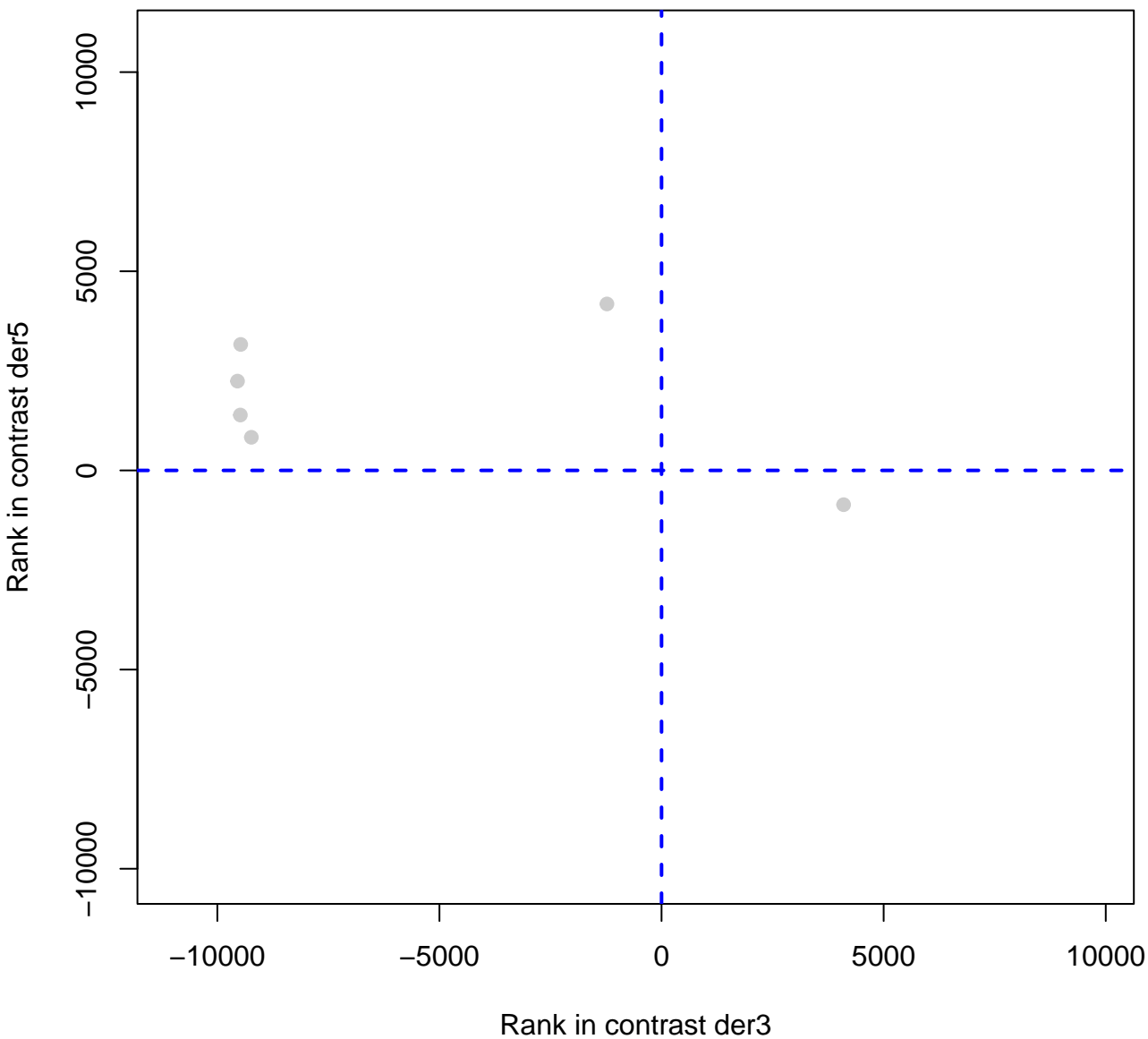
# cell.wall.cellulose.synthesis.COBRA



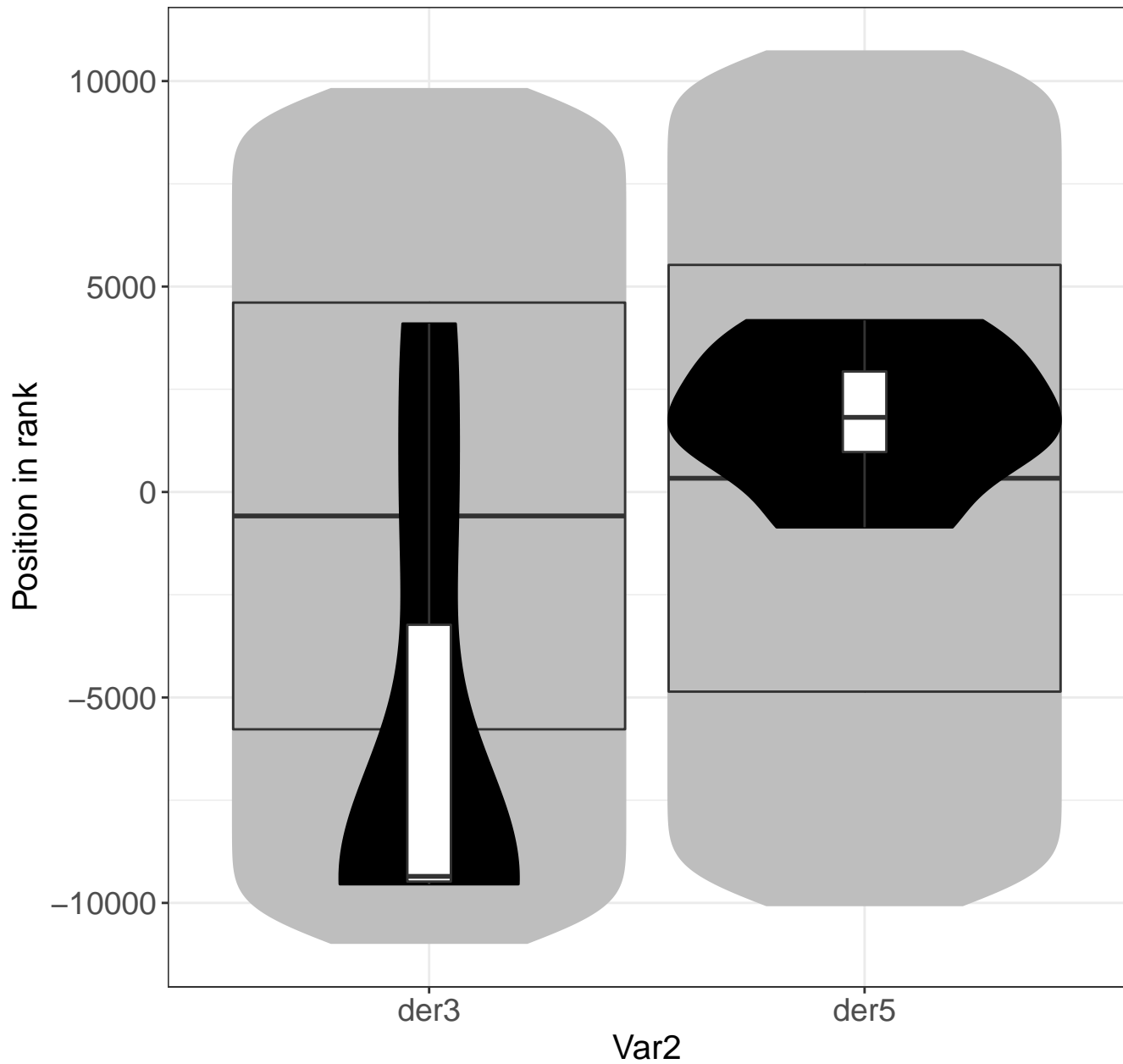
# PS.lightreaction.photosystem.I.LHC.I



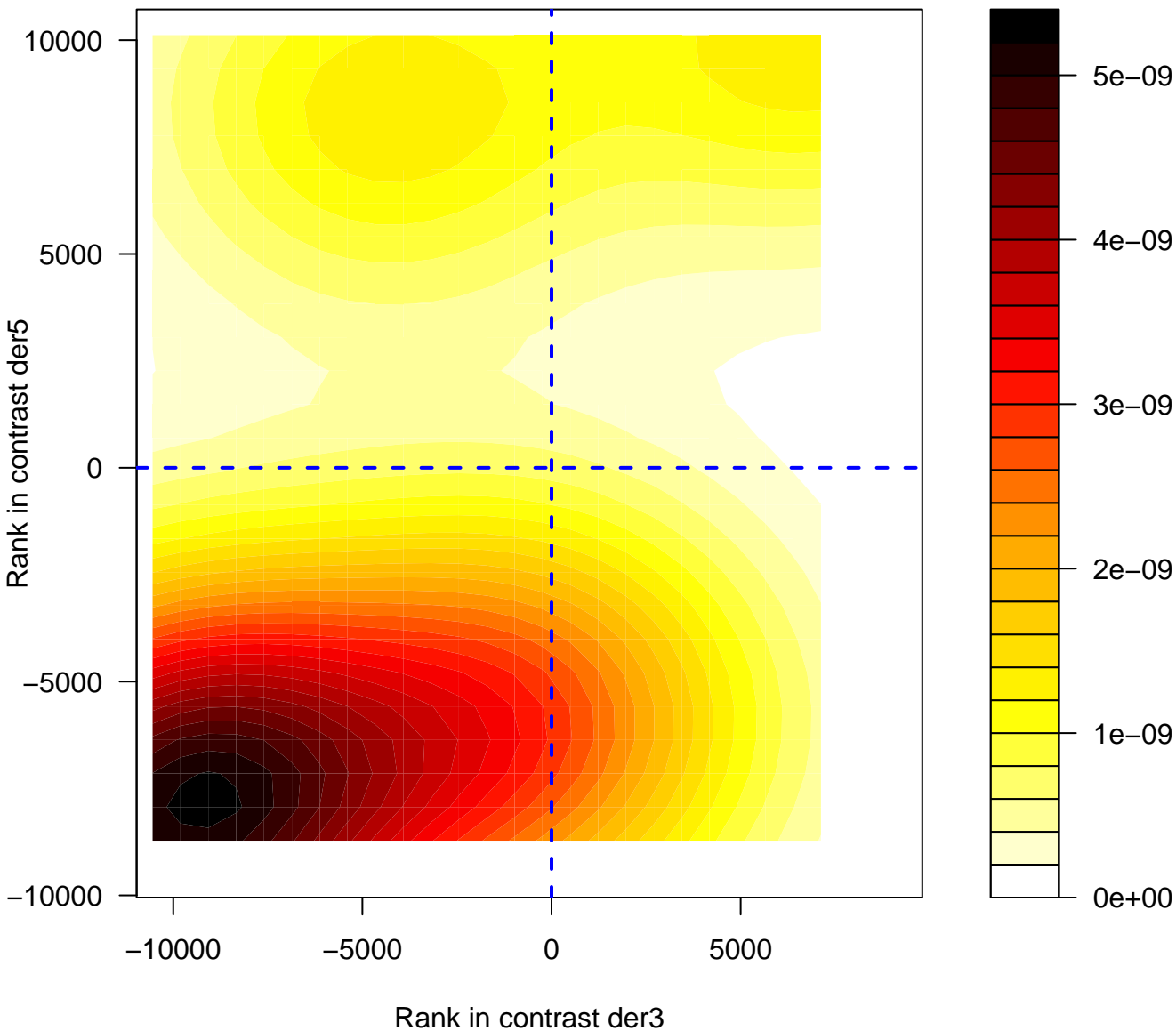
# PS.lightreaction.photosystem.I.LHC.I



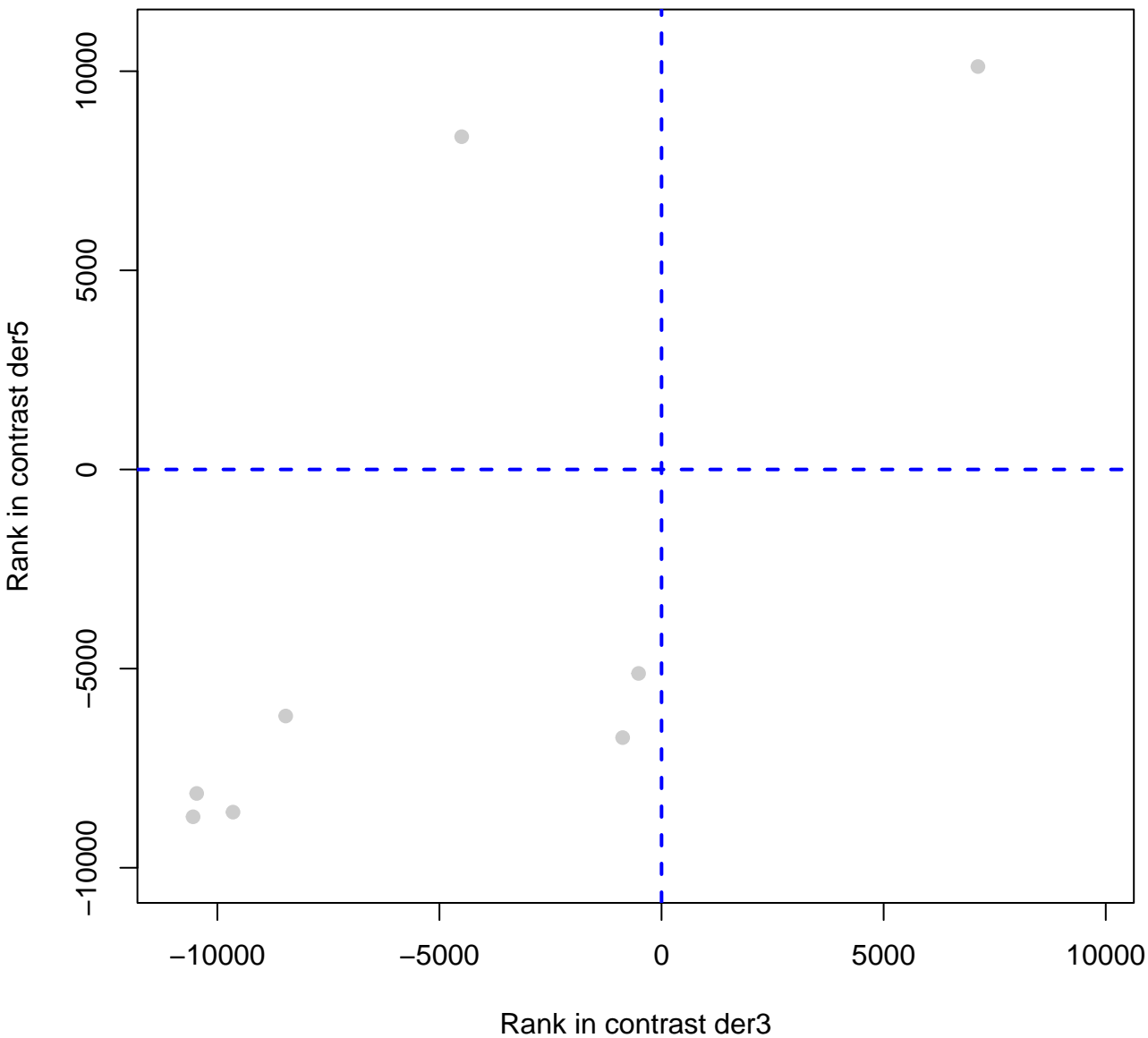
# PS.lightreaction.photosystem.I.LHC.I



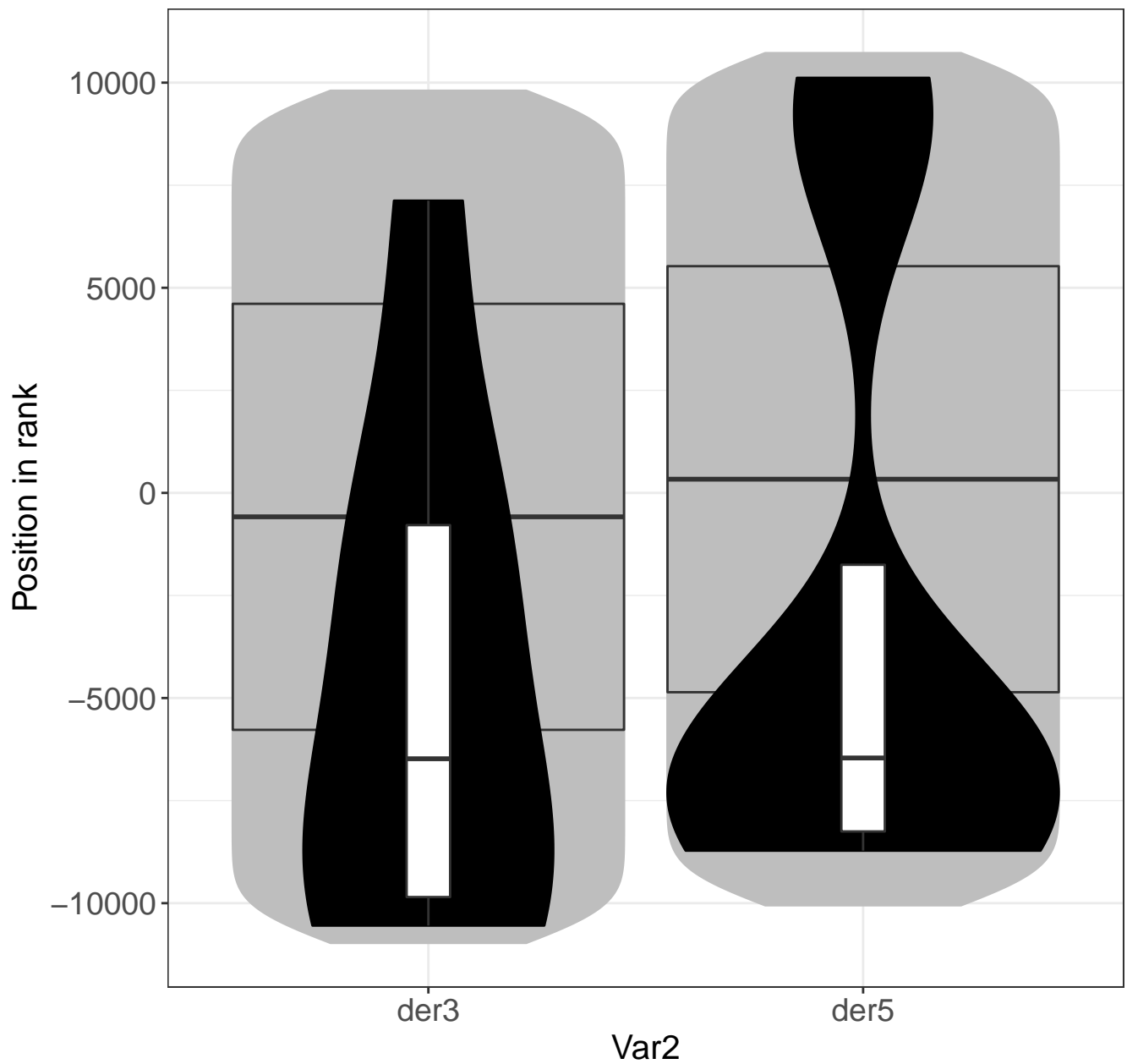
# hormone.metabolism.salicylic.acid.synthesis.degradatic



# hormone.metabolism.salicylic.acid.synthesis.degradation

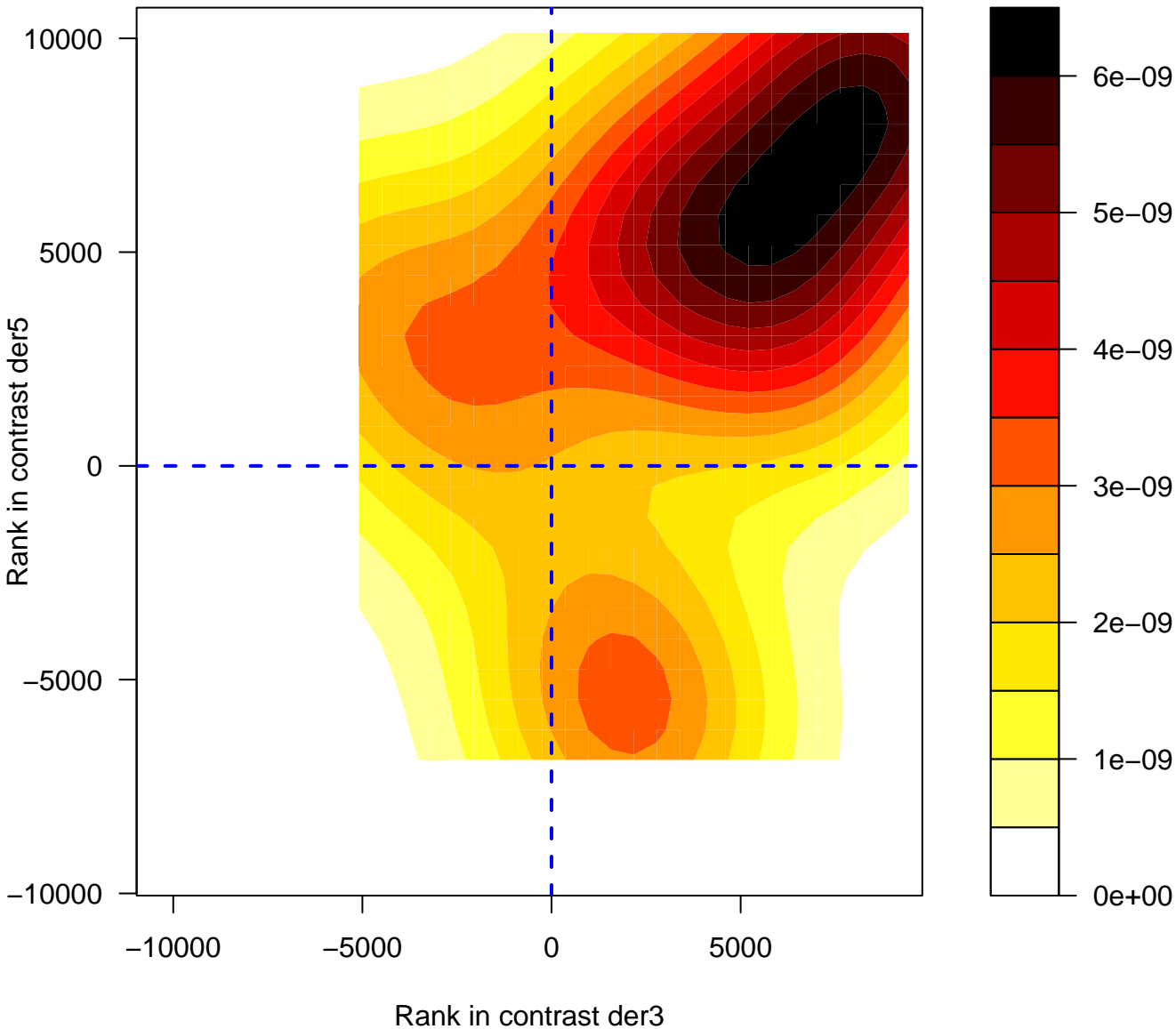


# hormone.metabolism.salicylic.acid.synthesis.deg

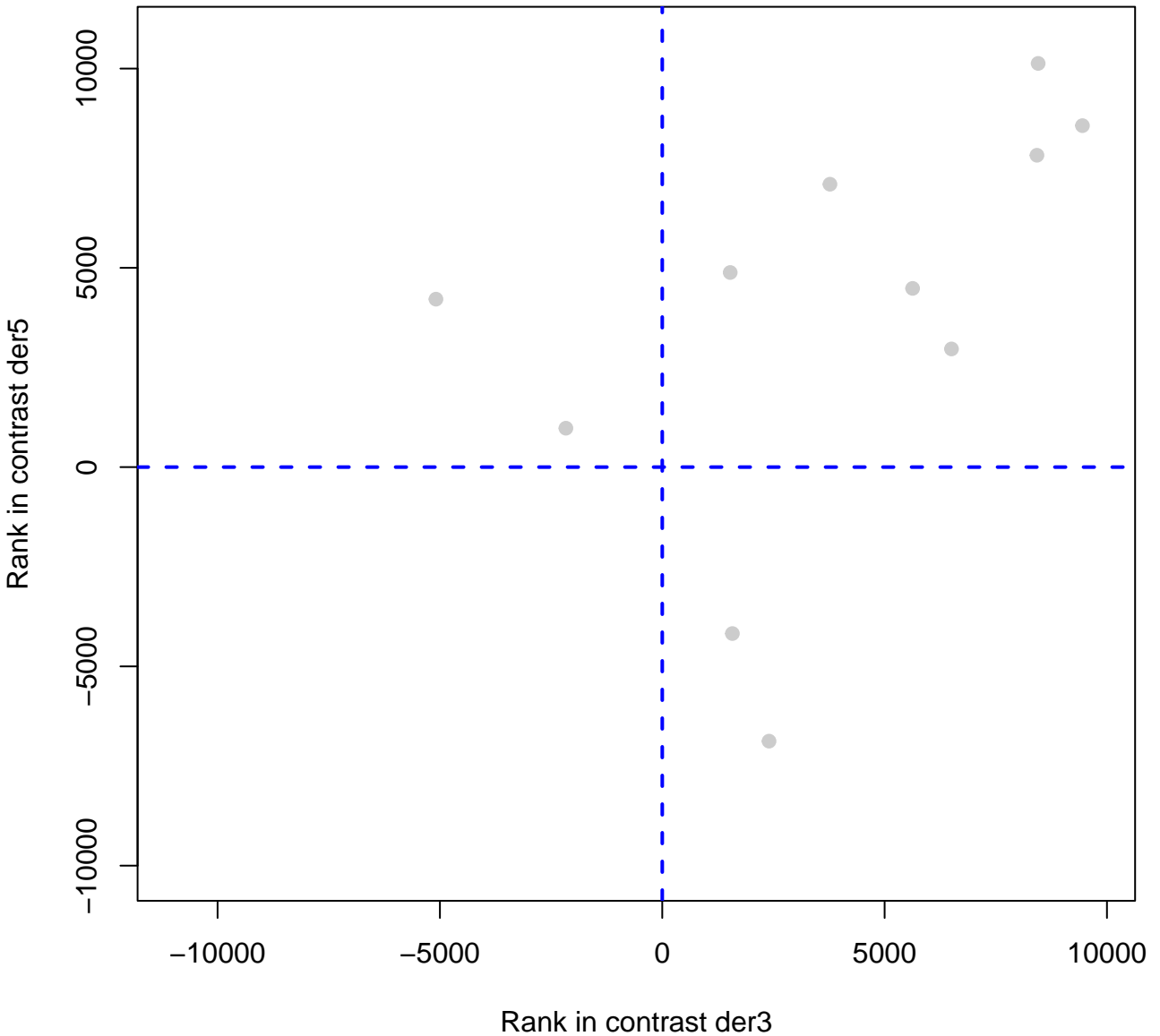




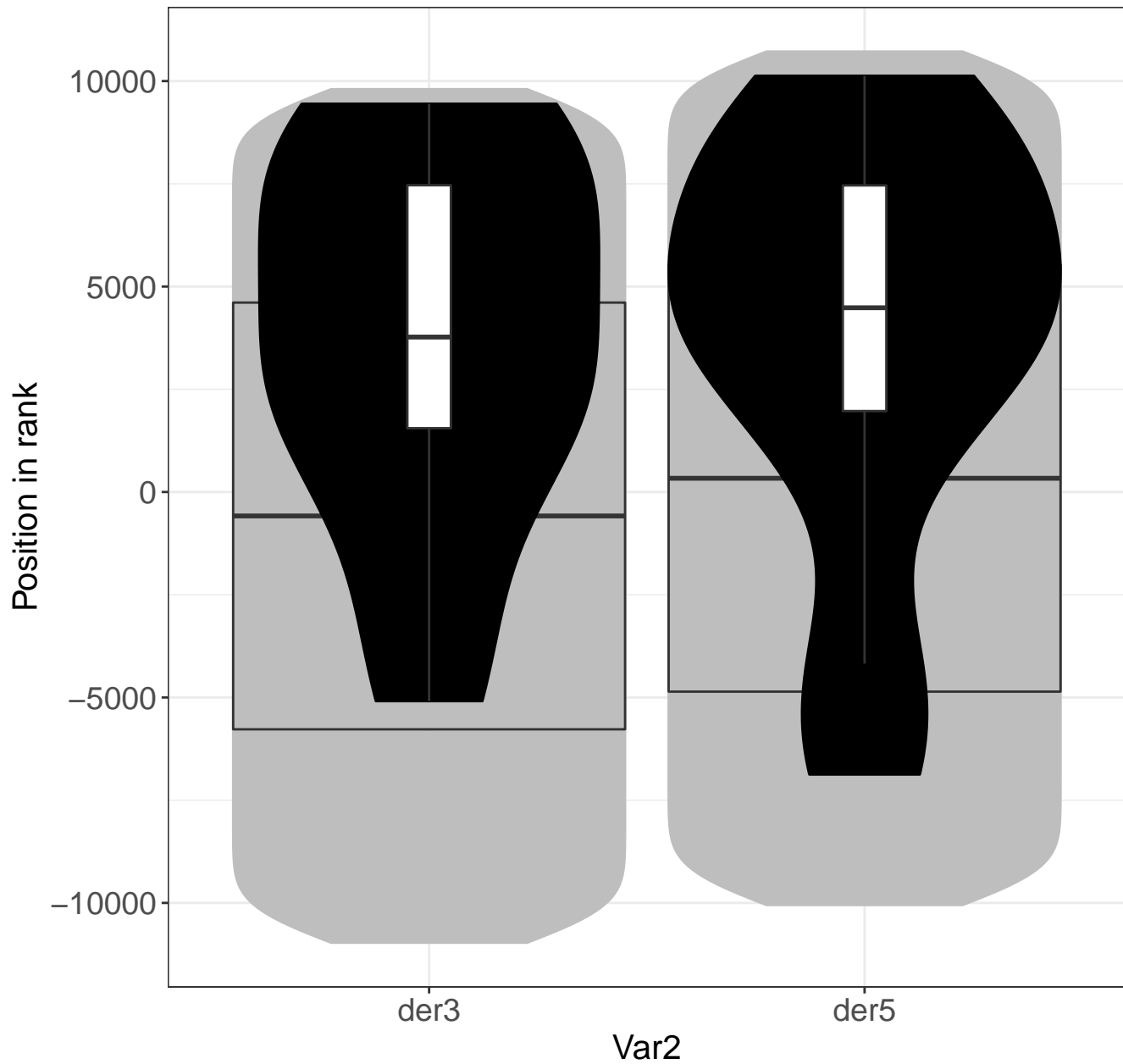
# cell.wall.pectin.esterases.misc



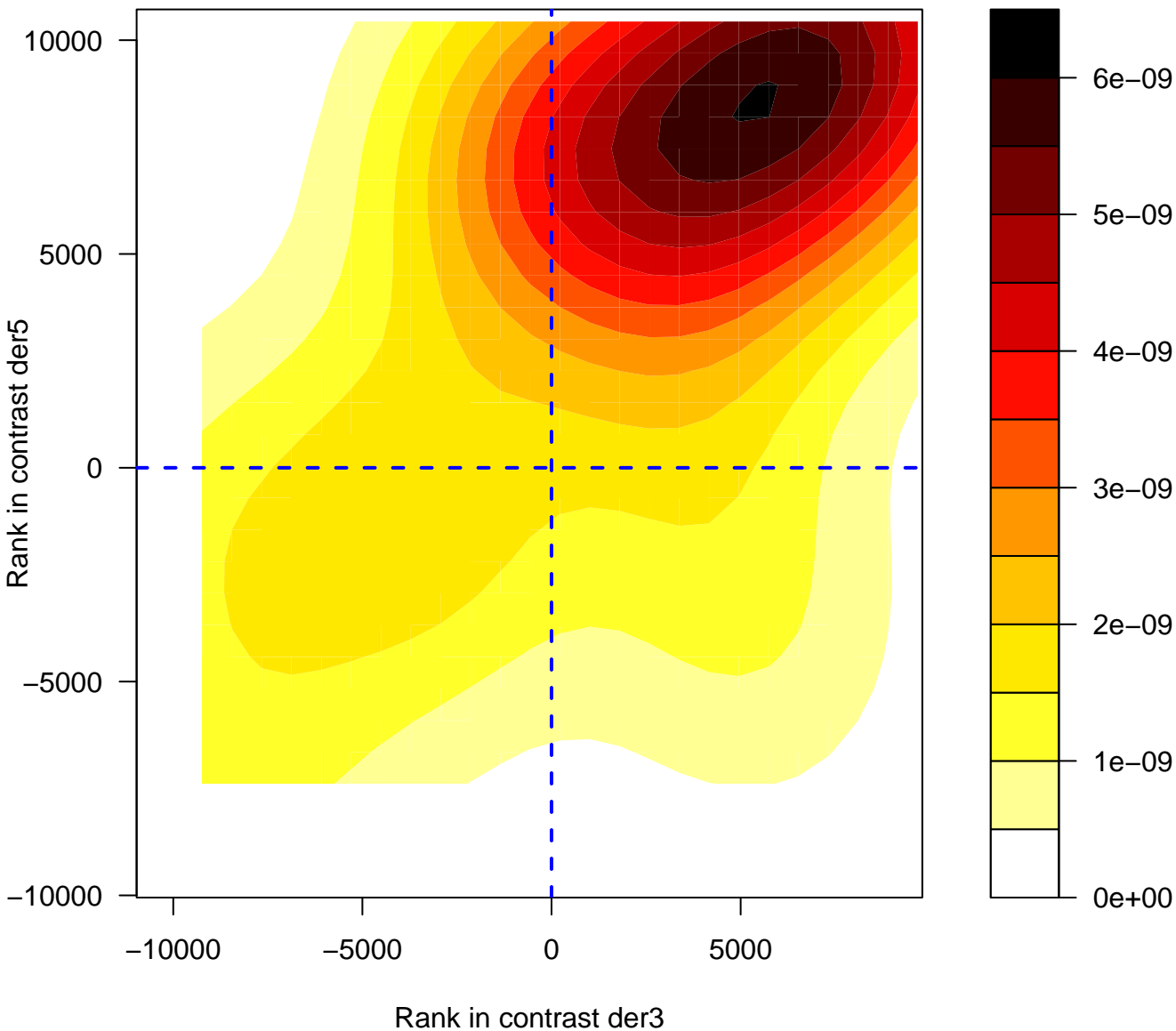
# cell.wall.pectin.esterases.misc



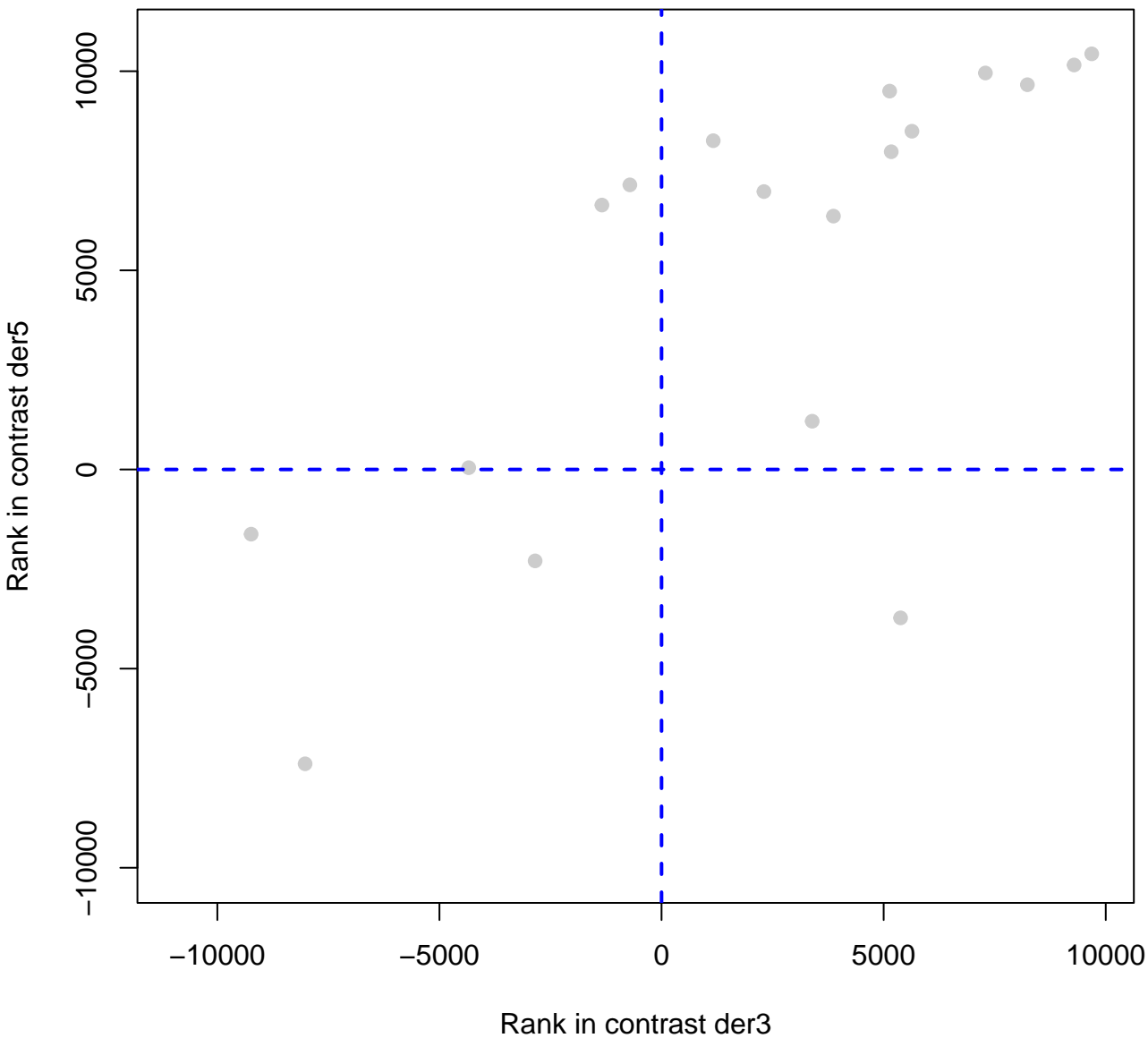
# cell.wall.pectin.esterases.misc



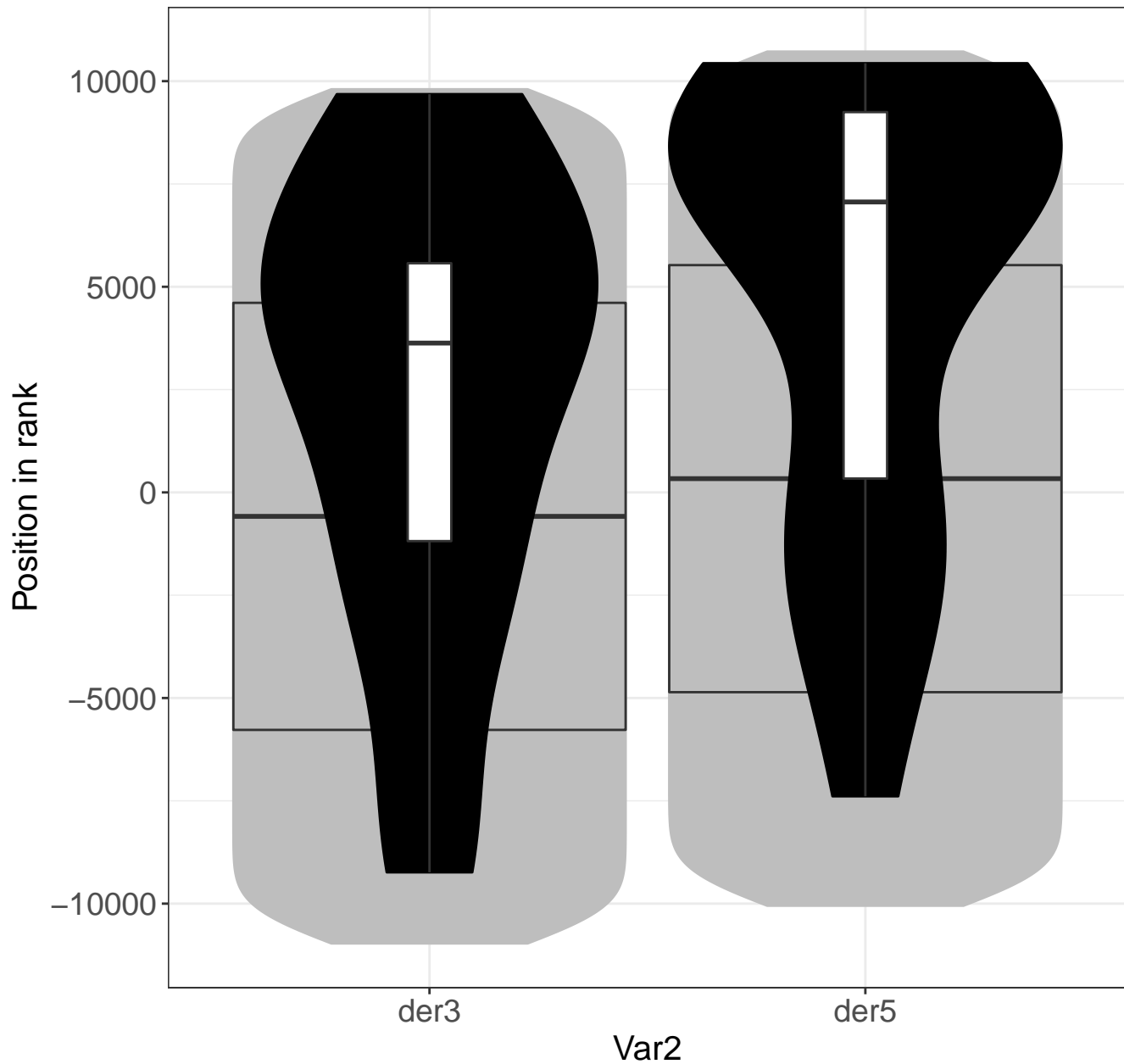
# protein.postranslational.modification.kinase



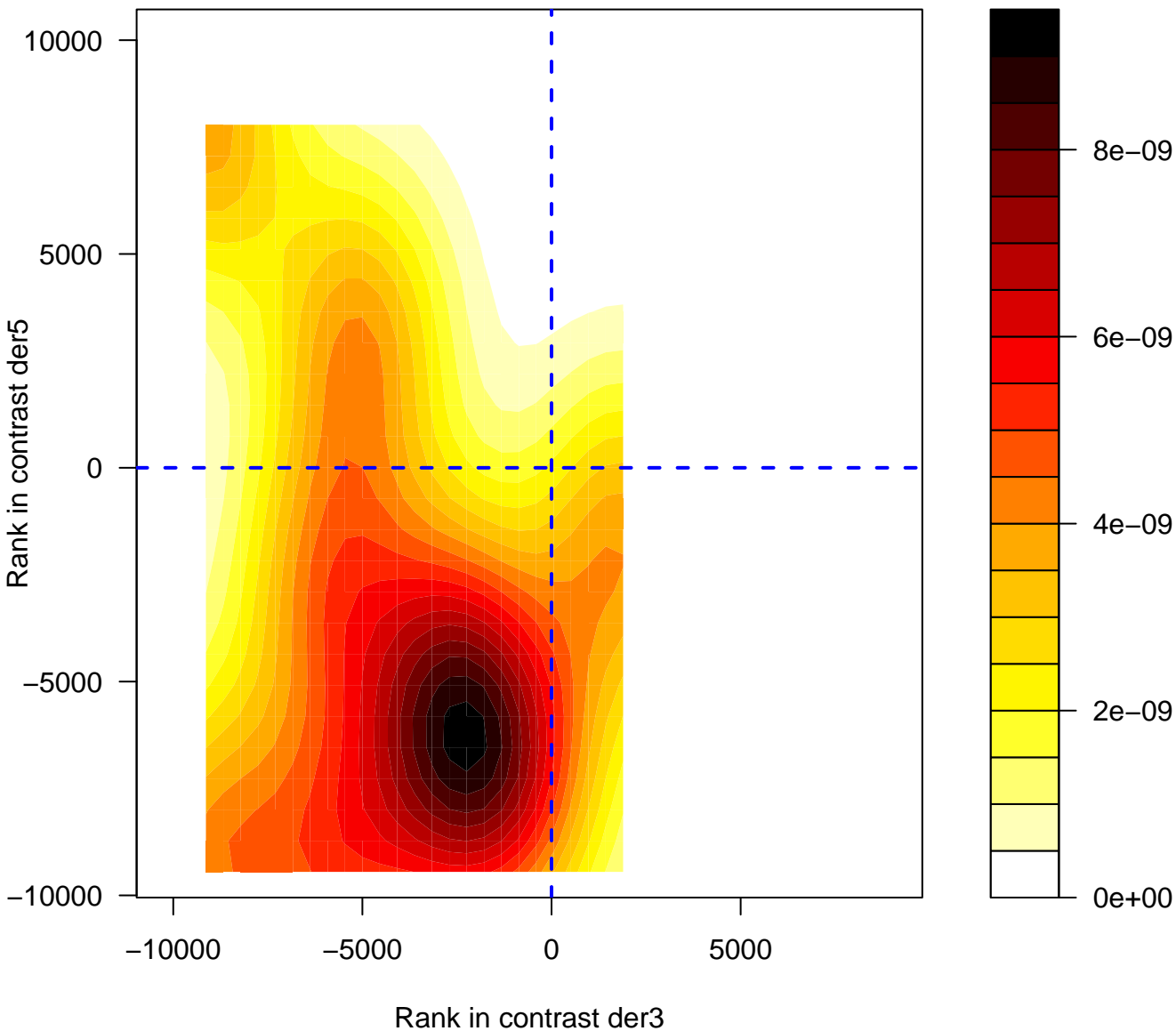
# protein.postranslational.modification.kinase



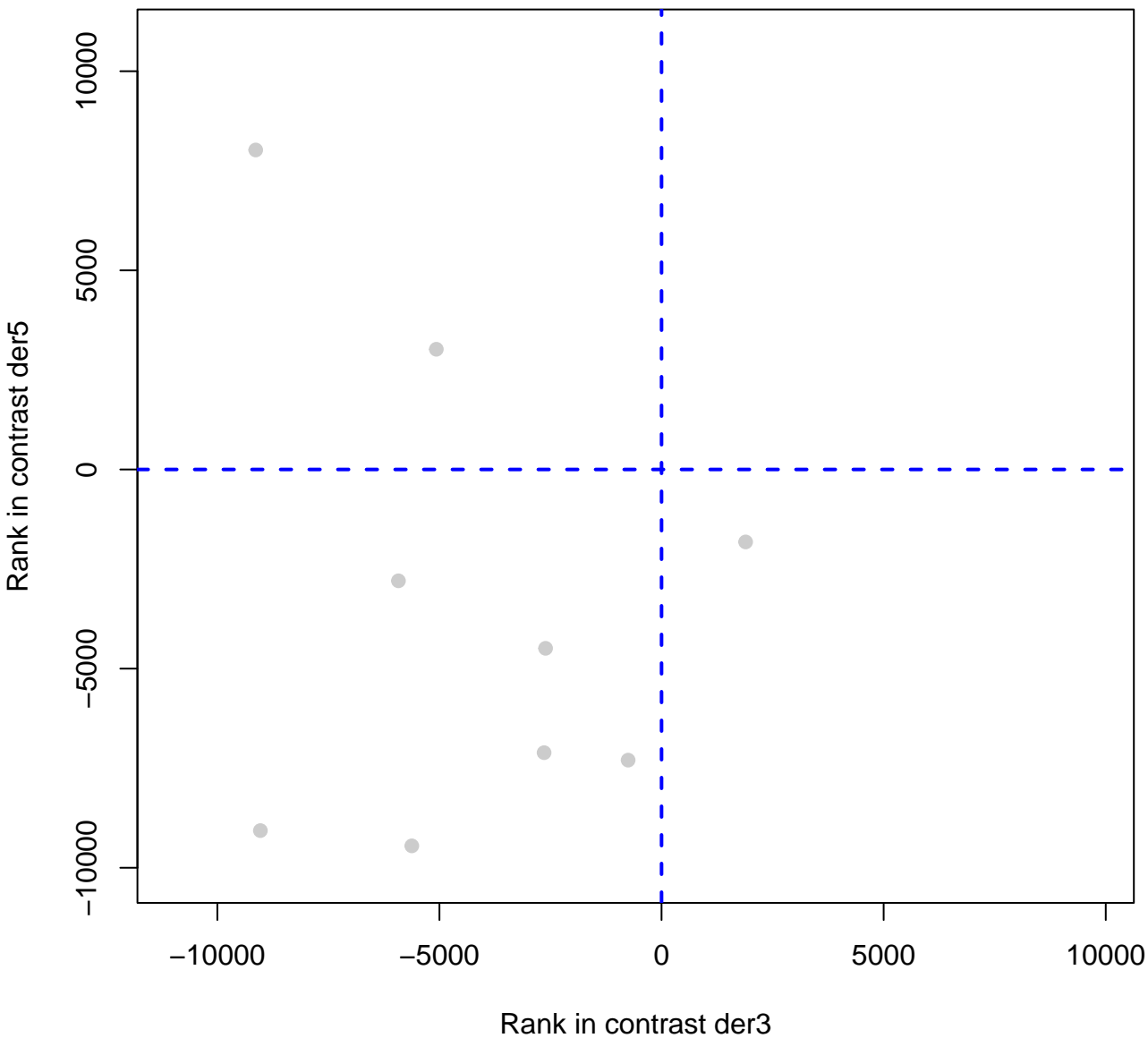
# protein.postranslational.modification.kinase



# protein.degradation.ubiquitin.E3.SCF.SKP

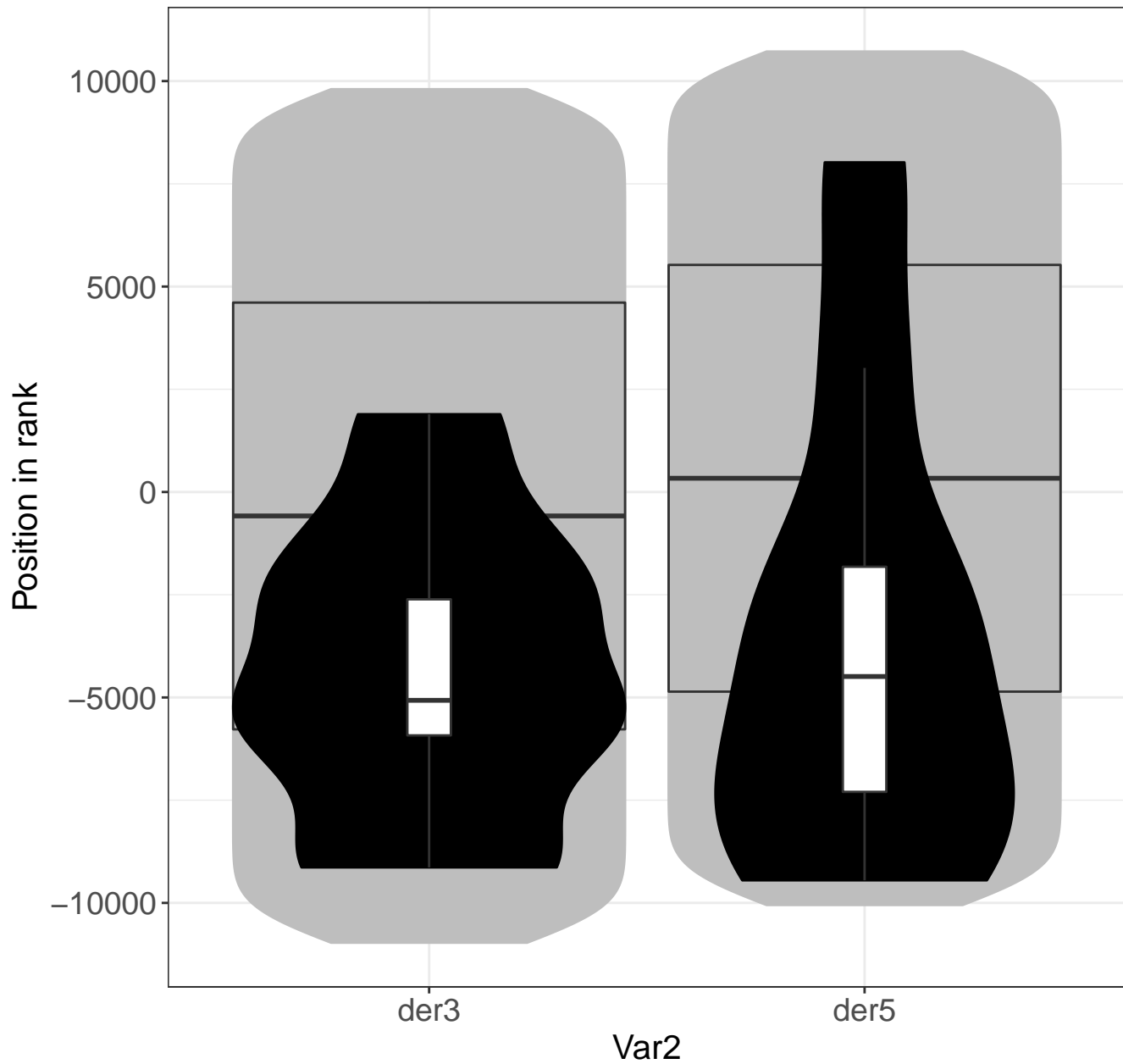


# protein.degradation.ubiquitin.E3.SCF.SKP

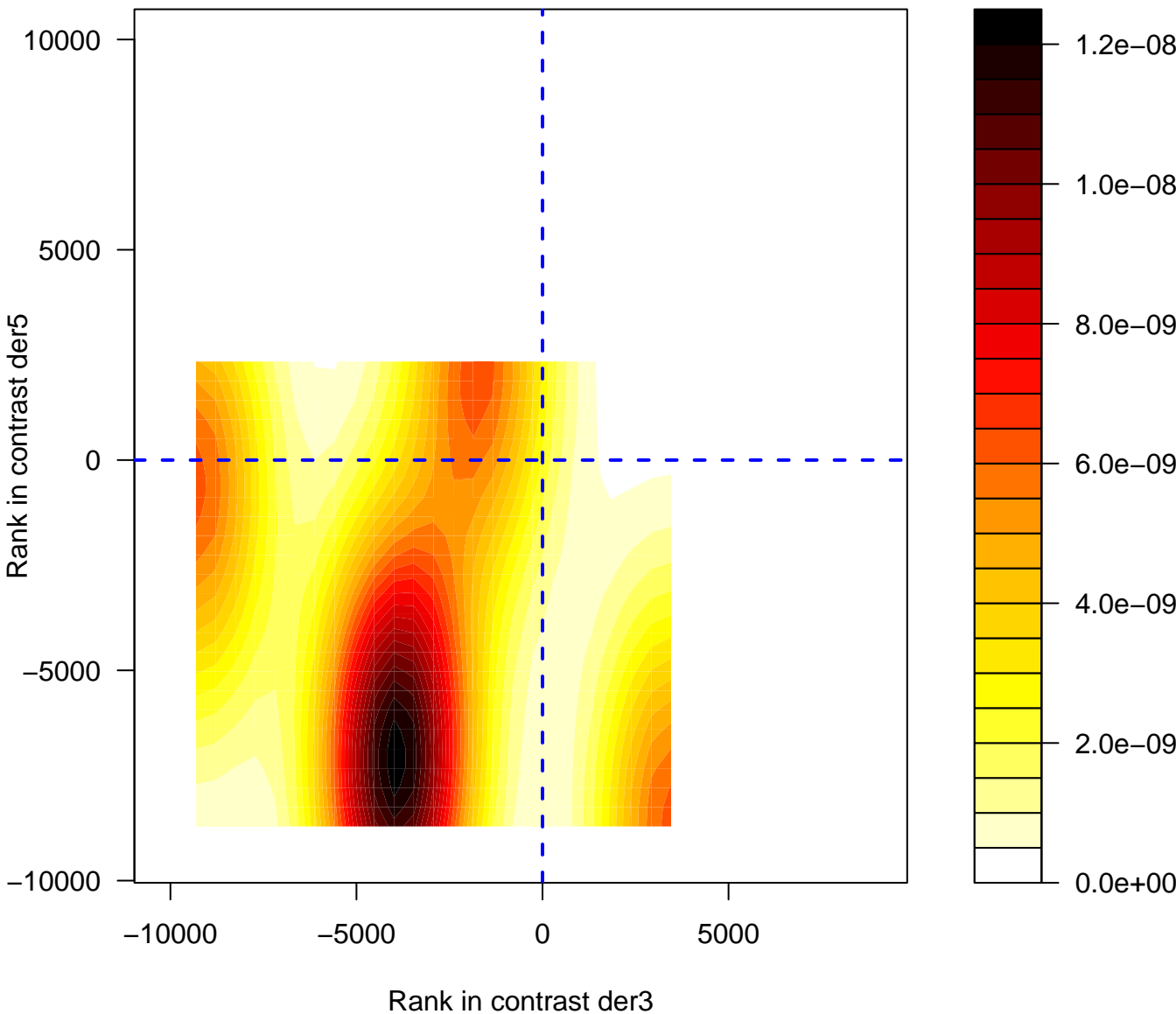




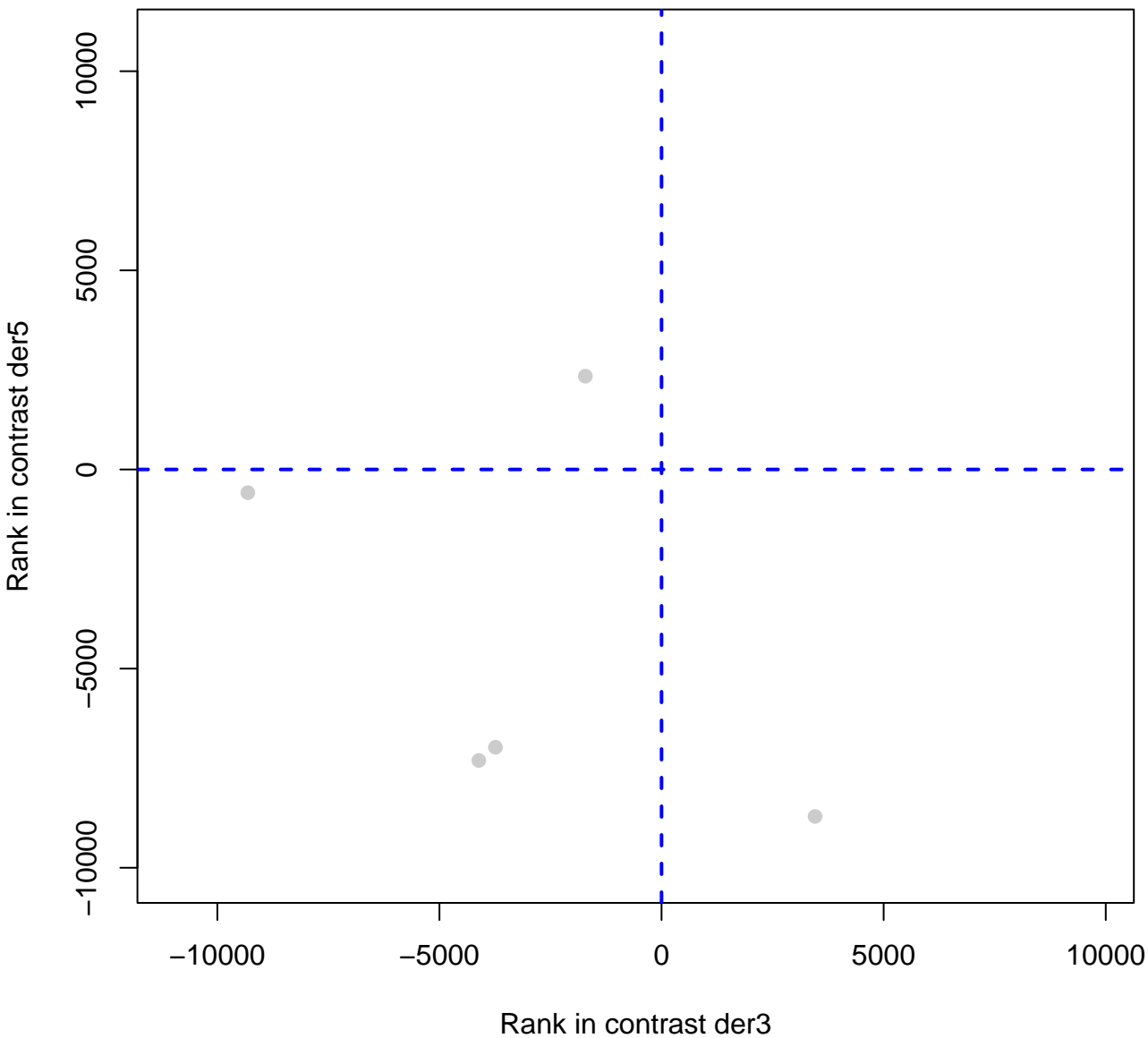
# protein.degradation.ubiquitin.E3.SCF.SKP



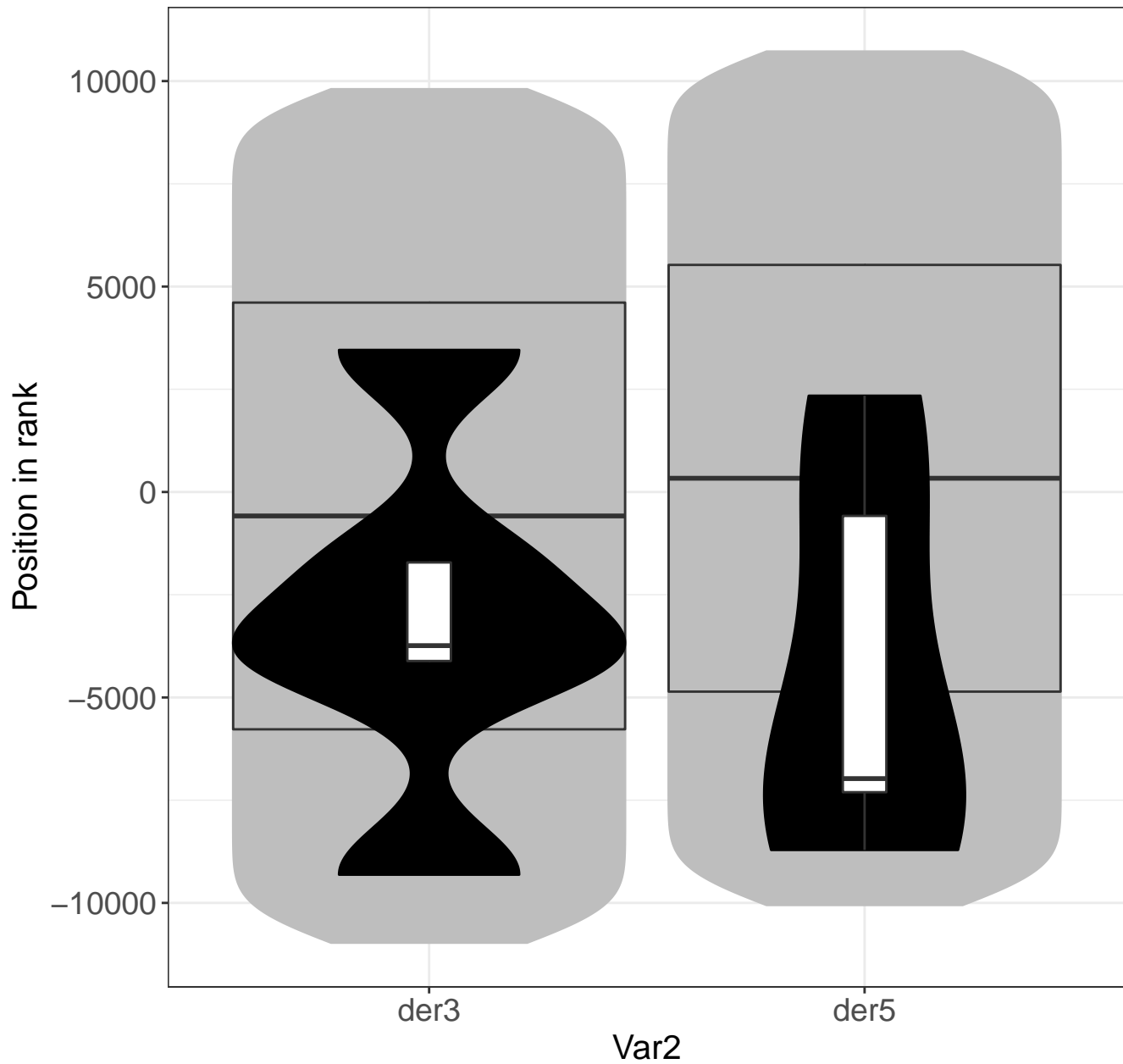
# redox.peroxiredoxin



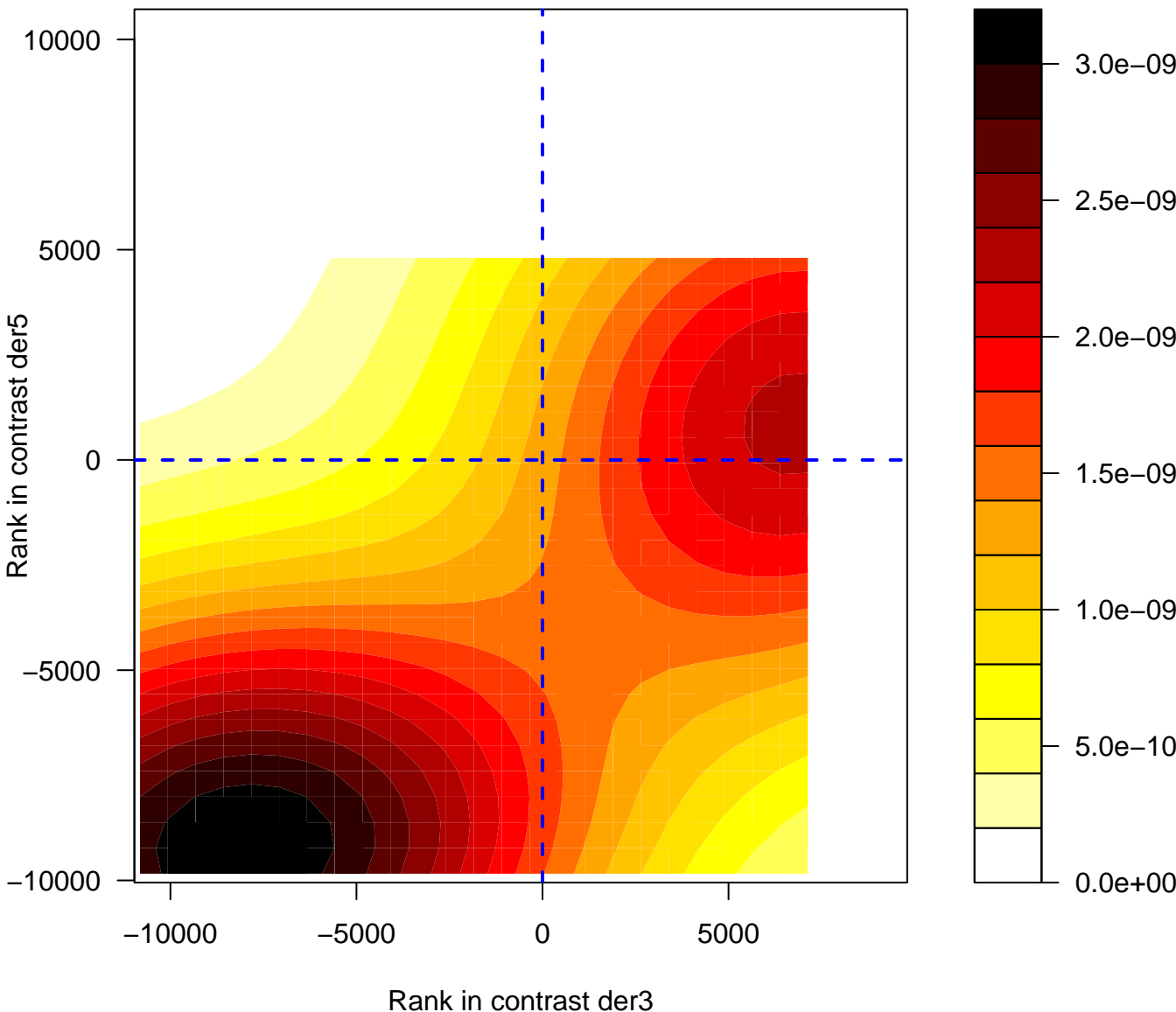
# redox.peroxiredoxin



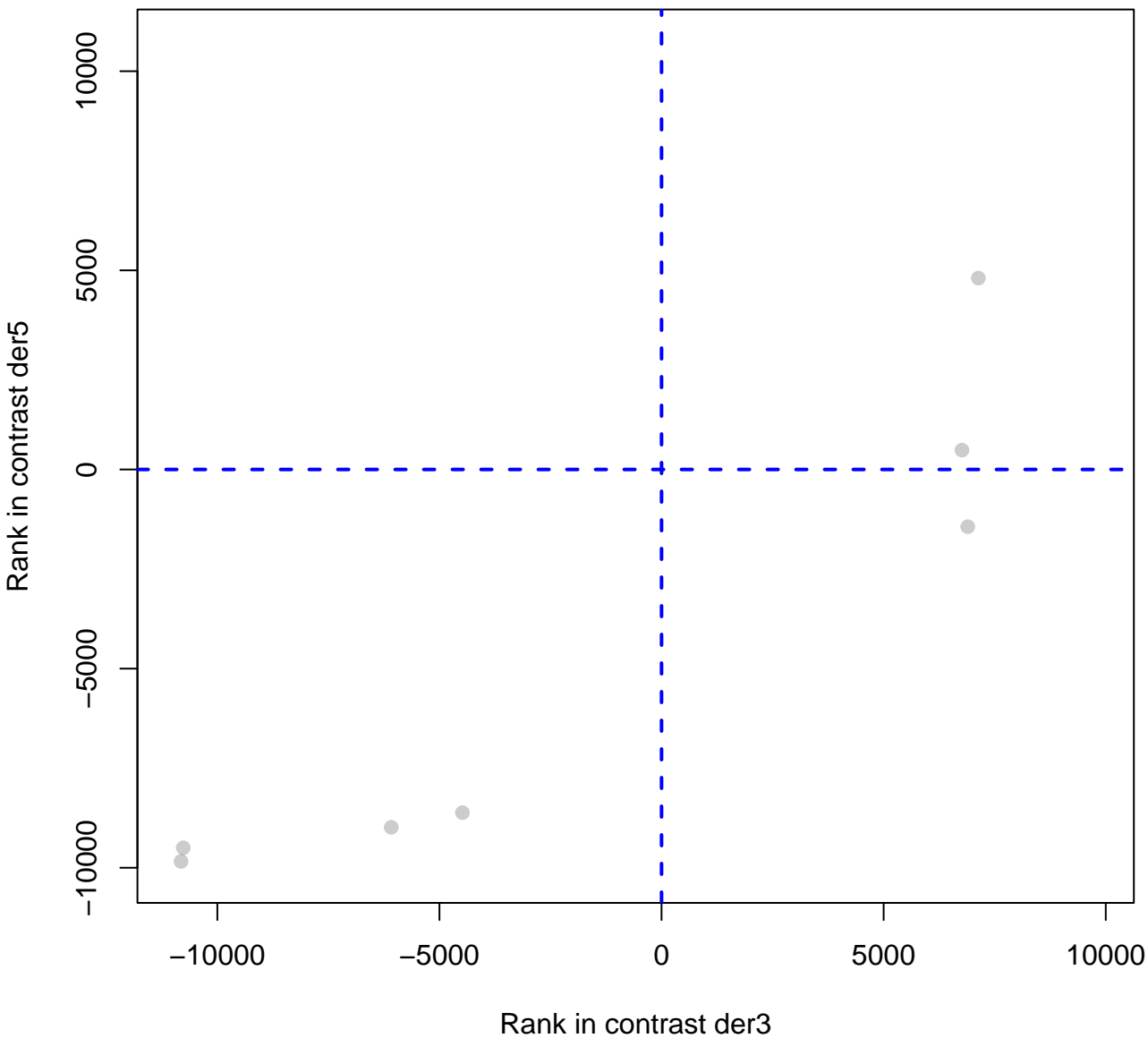
redox.peroxiredoxin



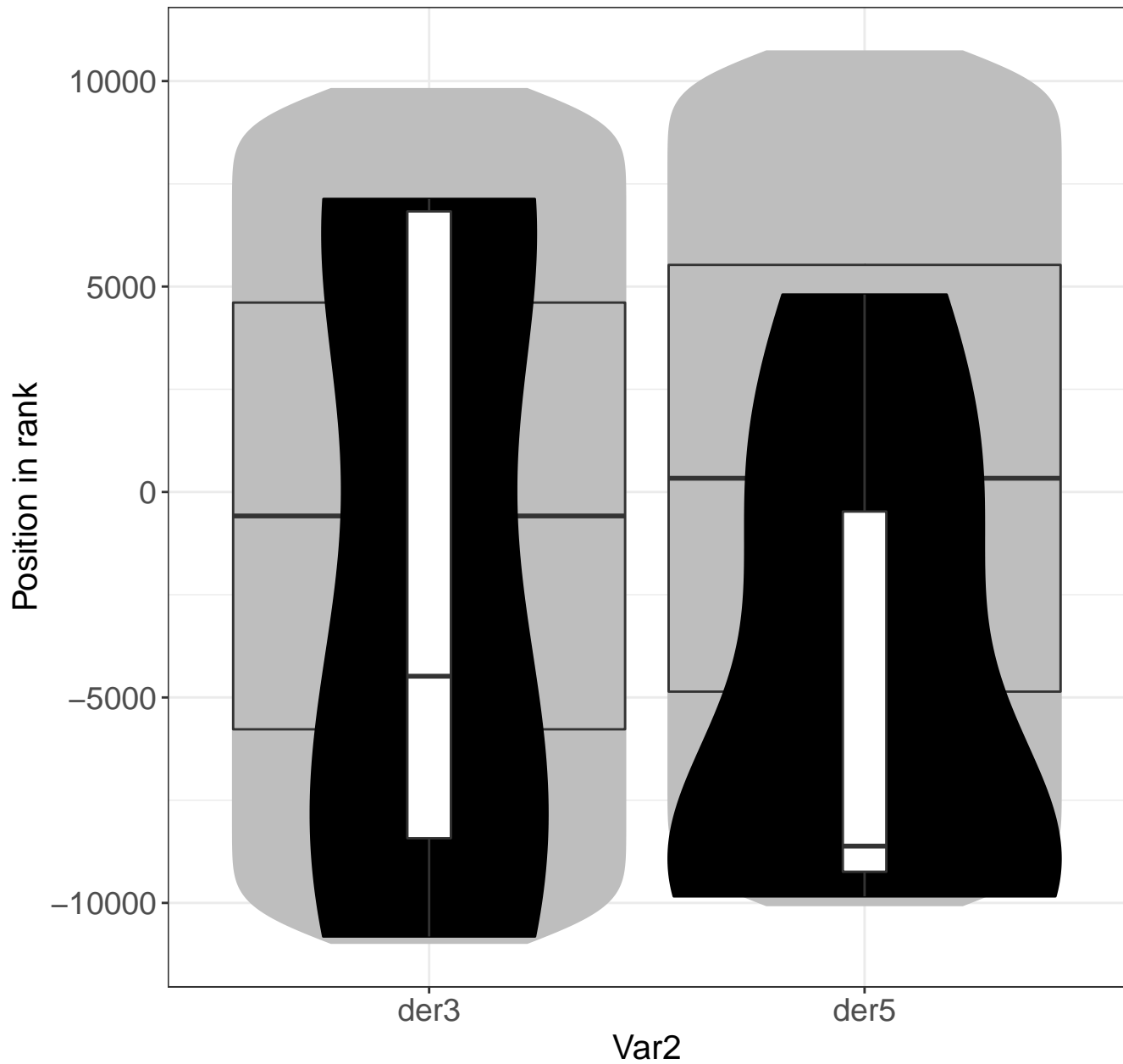
# transport.Major.Intrinsic.Proteins.TIP



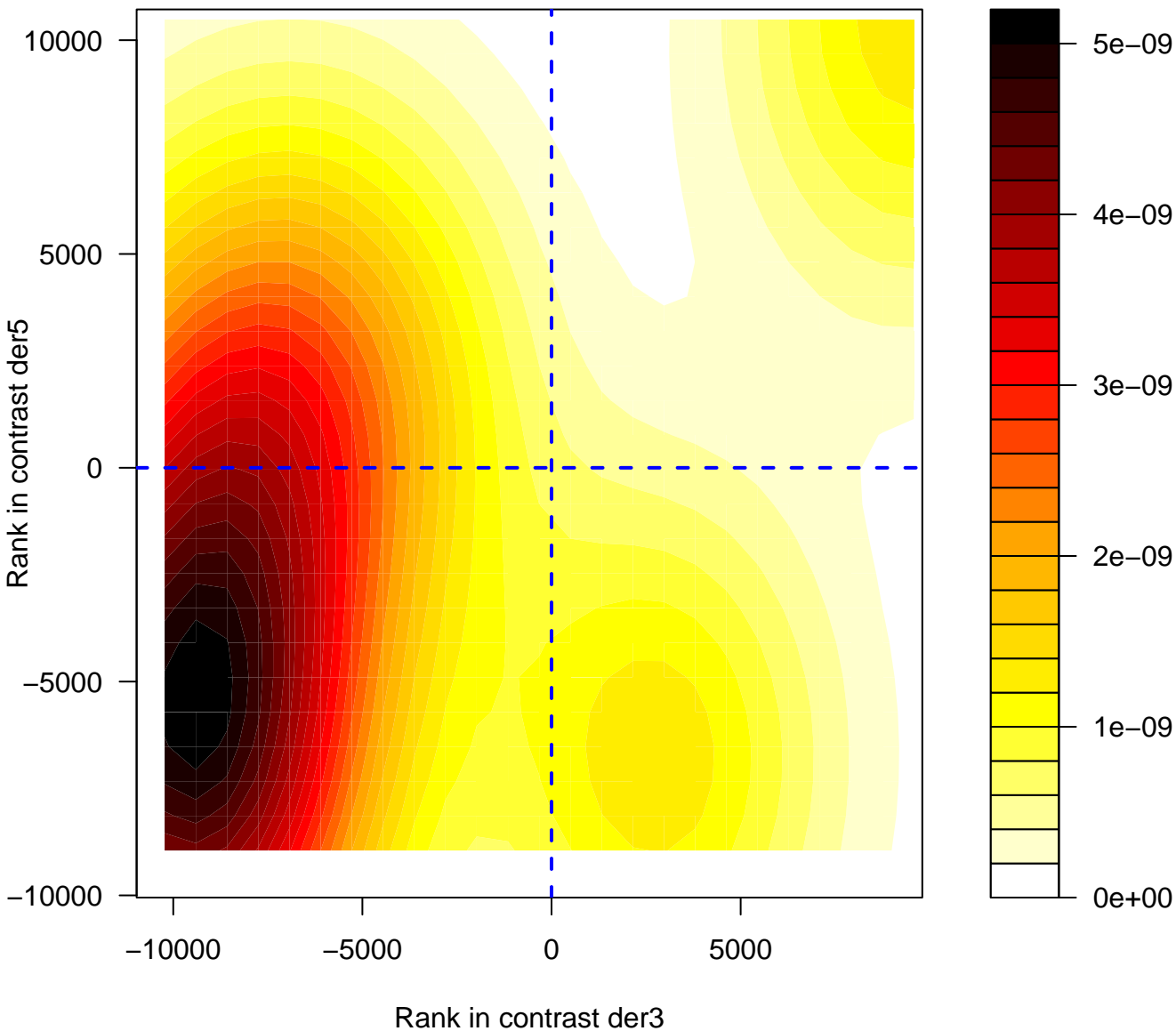
# transport.Major.Intrinsic.Proteins.TIP



# transport.Major.Intrinsic.Proteins.TIP

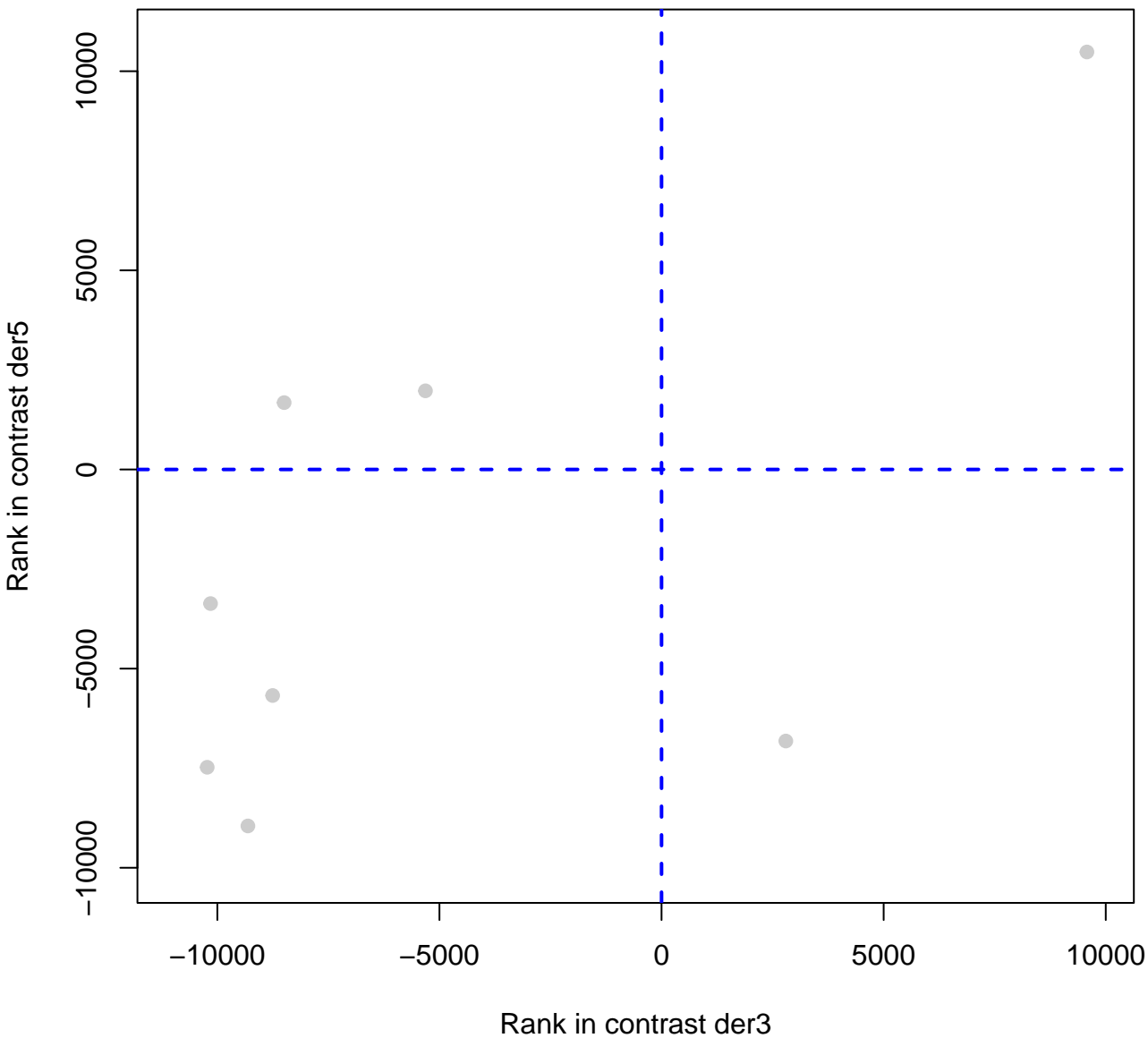


# major.CHO.metabolism.degradation.sucrose.invertases.ne

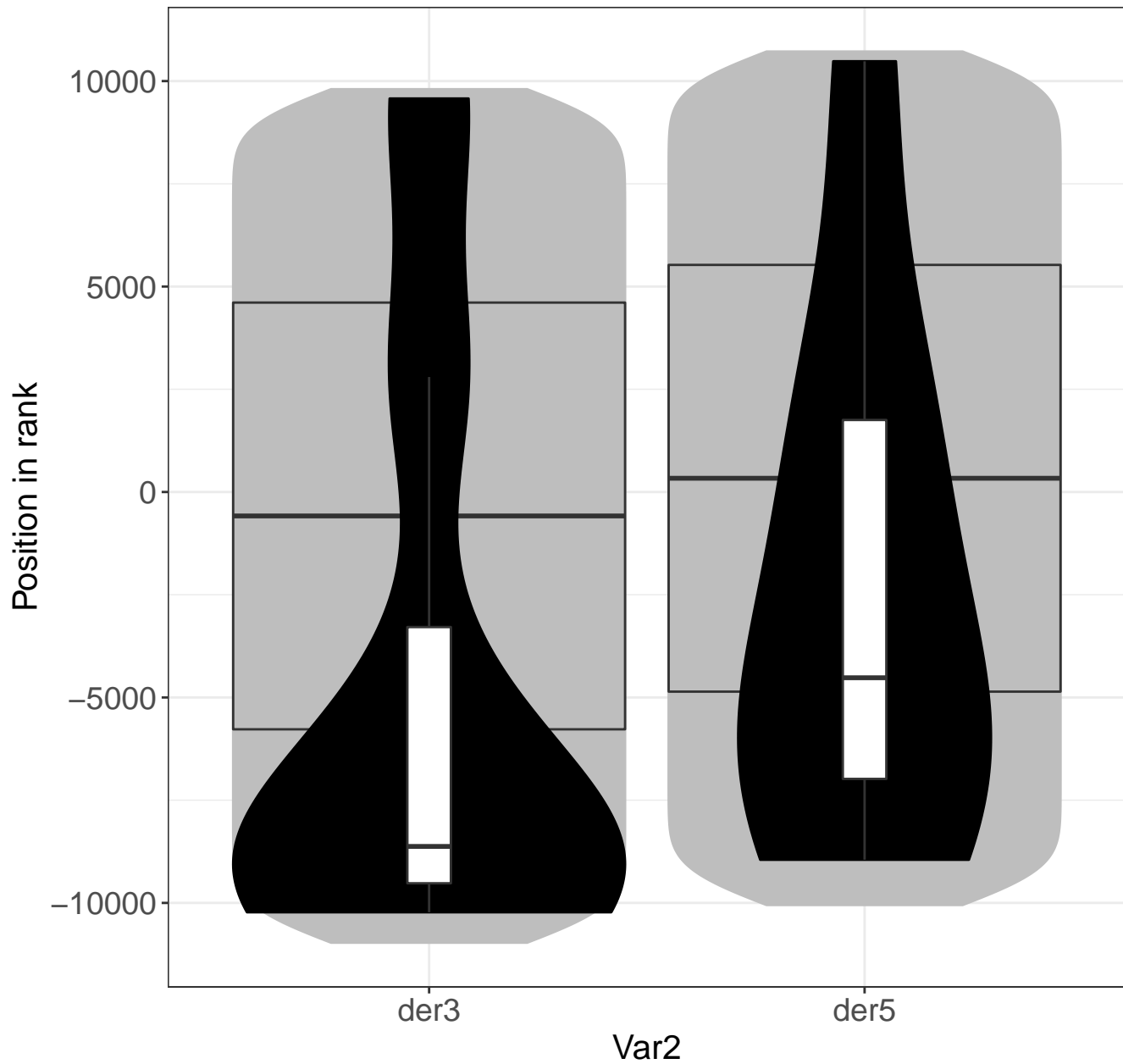




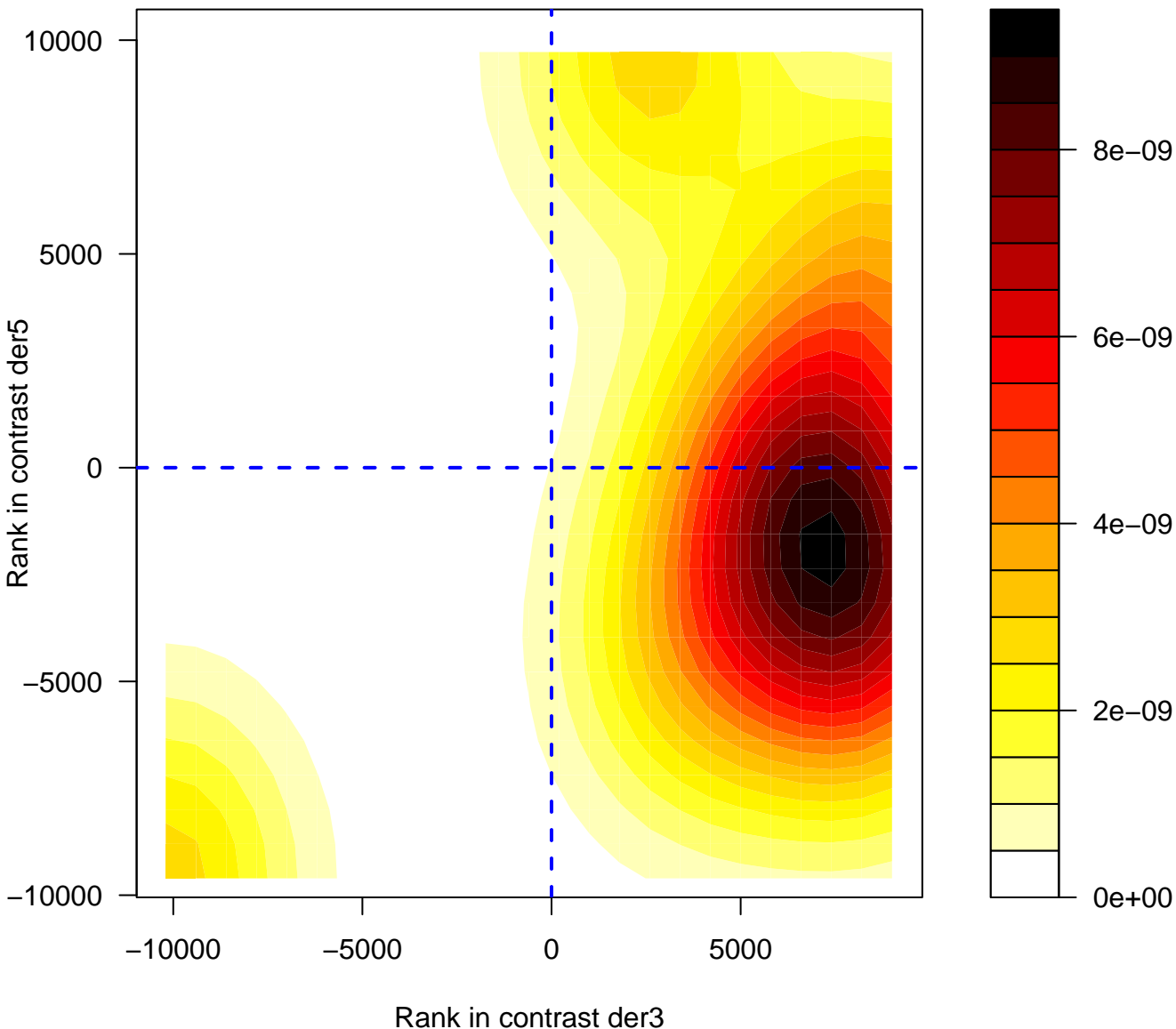
# major.CHO.metabolism.degradation.sucrose.invertases.neutral



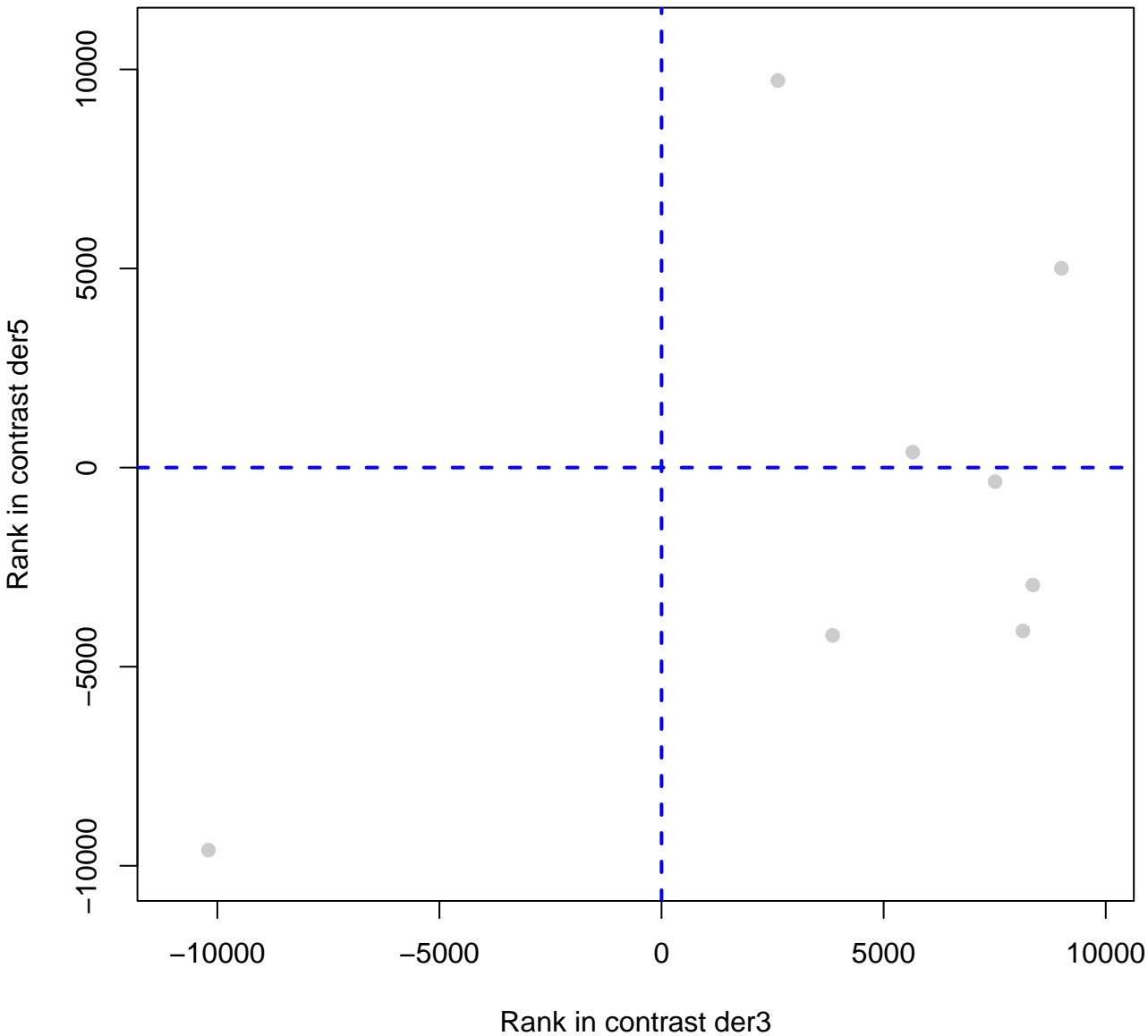
major.CHO.metabolism.degradation.sucrose.inve



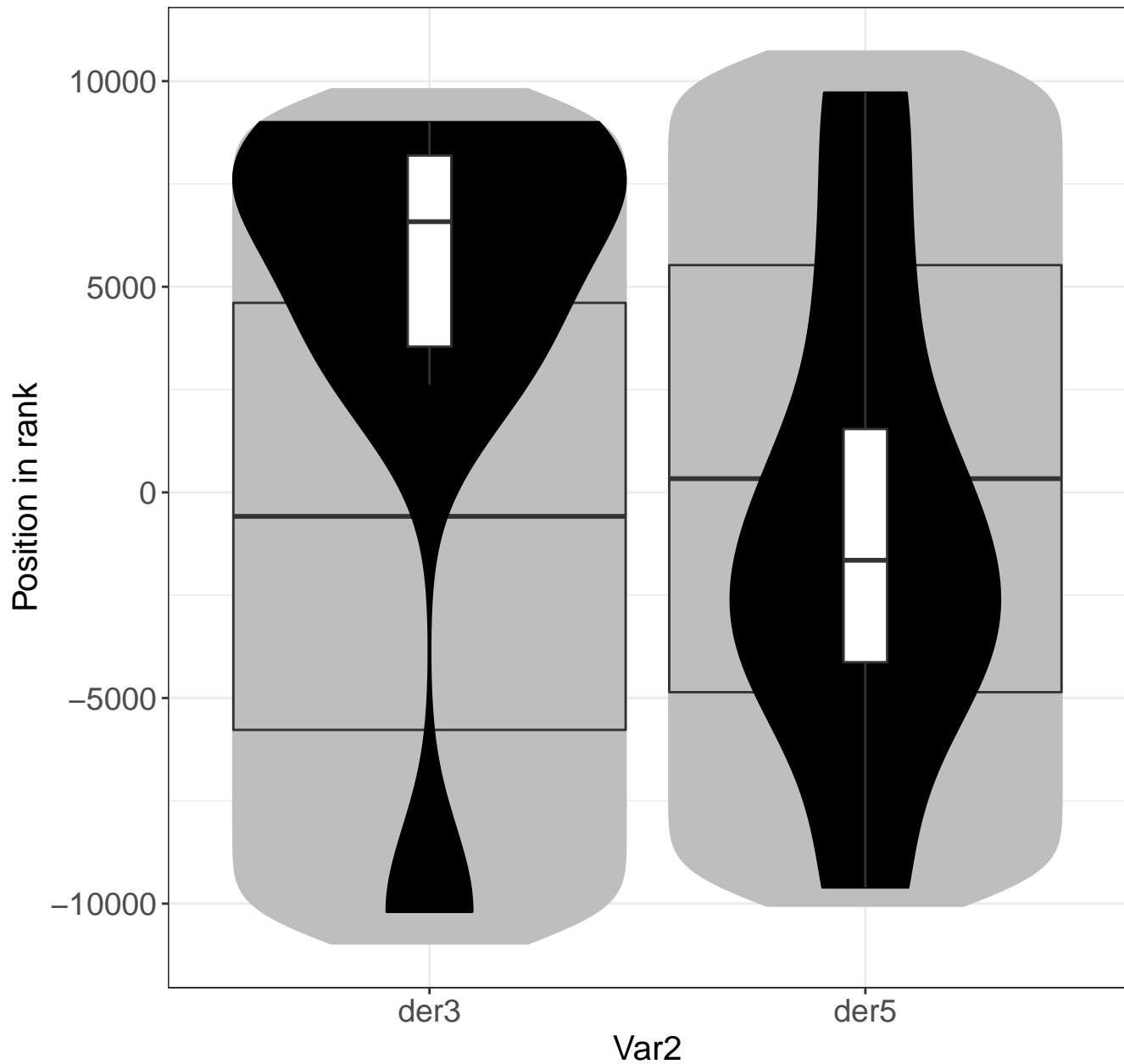
# hormone.metabolism.gibberelin.signal.transduction



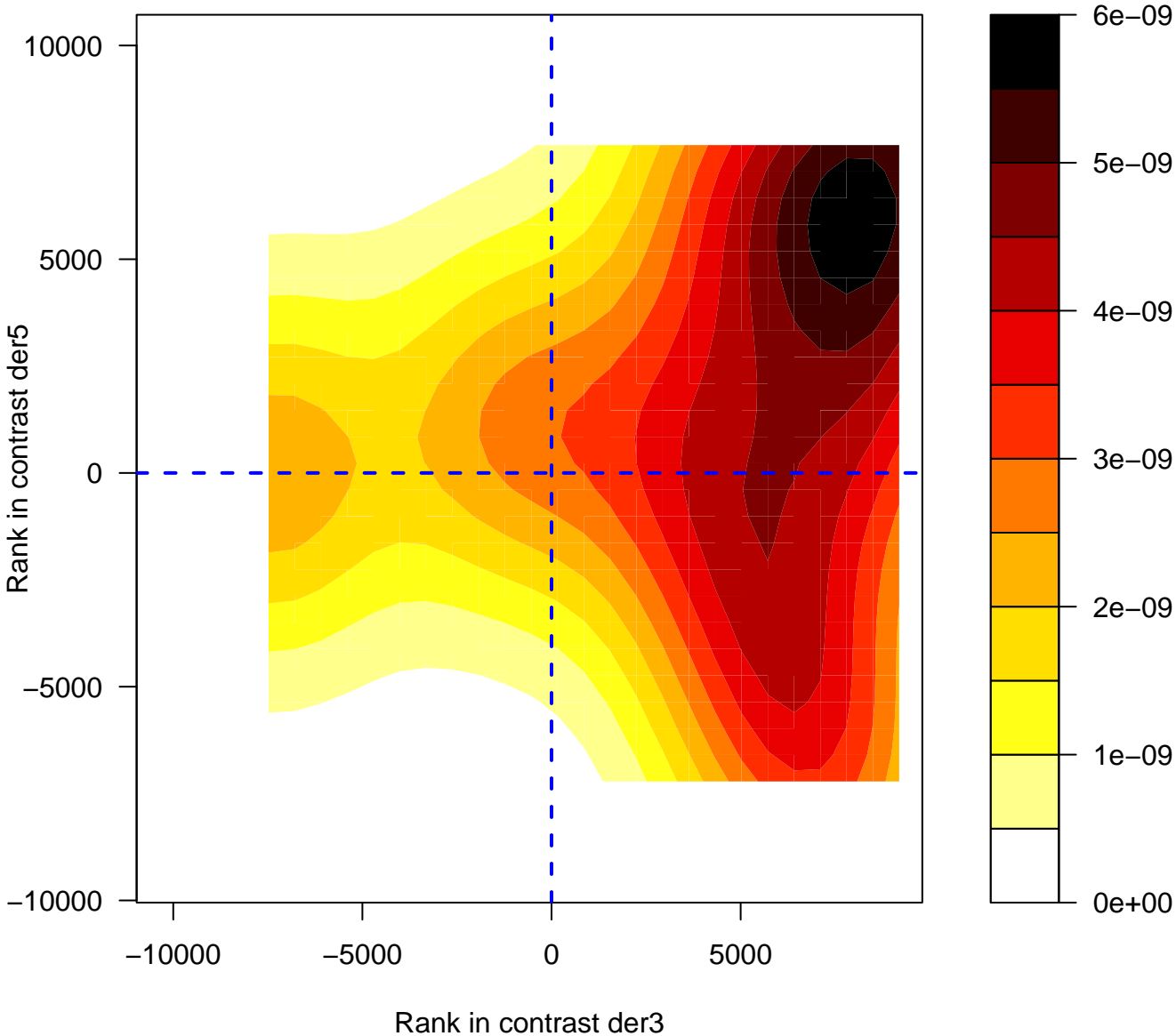
# hormone.metabolism.gibberelin.signal.transduction



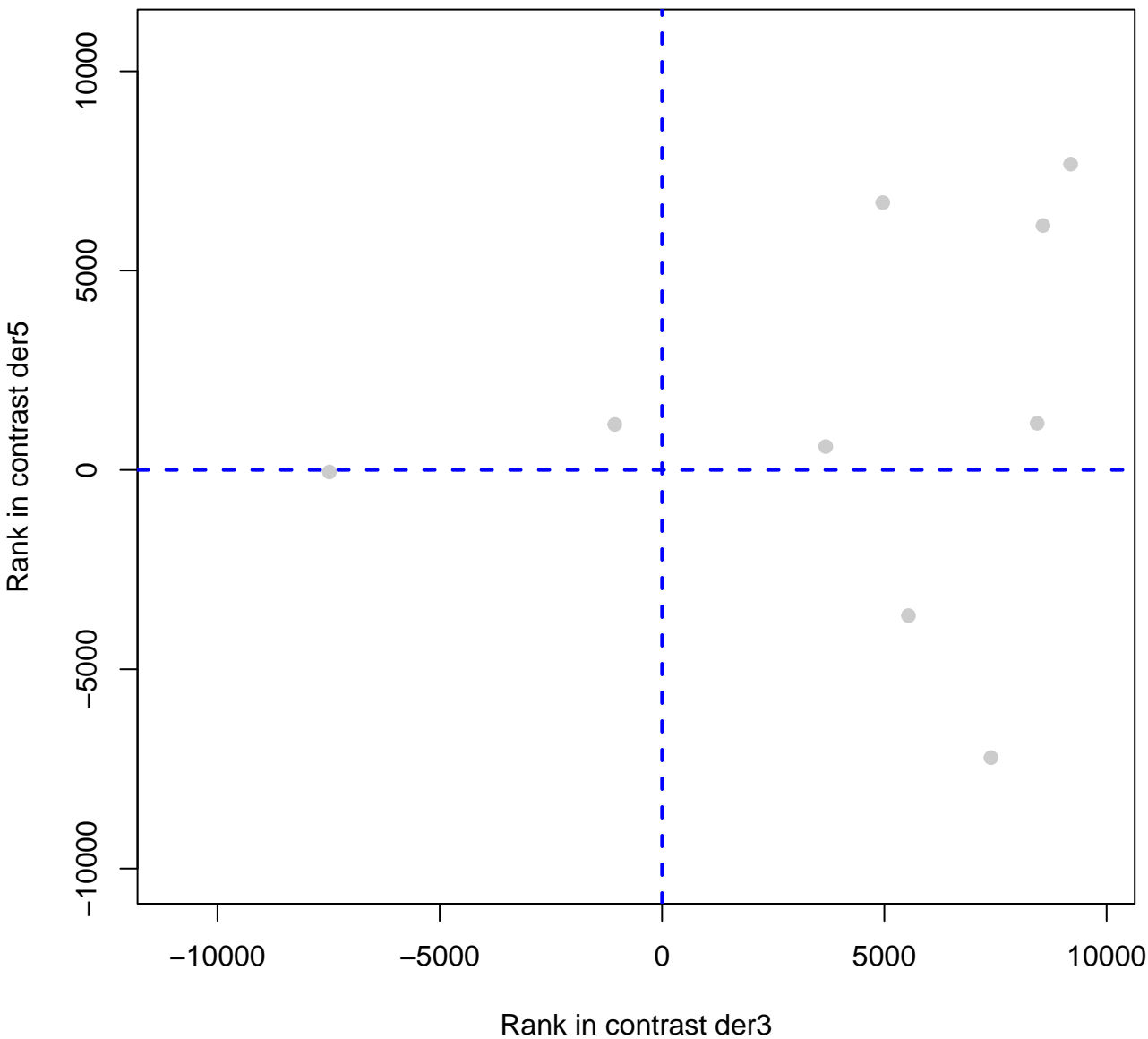
# hormone.metabolism.gibberelin.signal.transducti



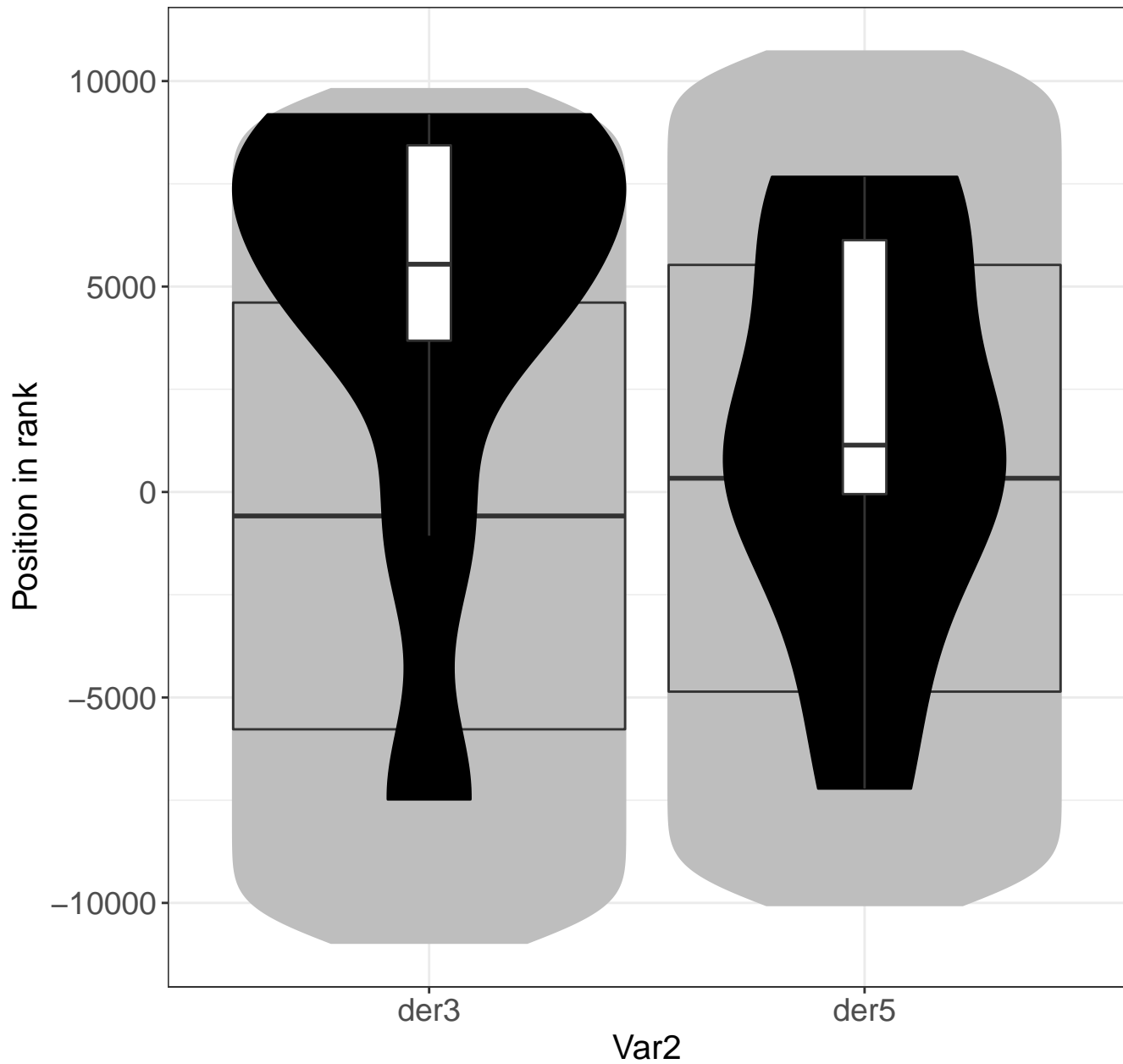
# cell.wall.degradation.cellulases.and.beta..1.4.glucanase



# cell.wall.degradation.cellulases.and.beta.1.4.glucanases

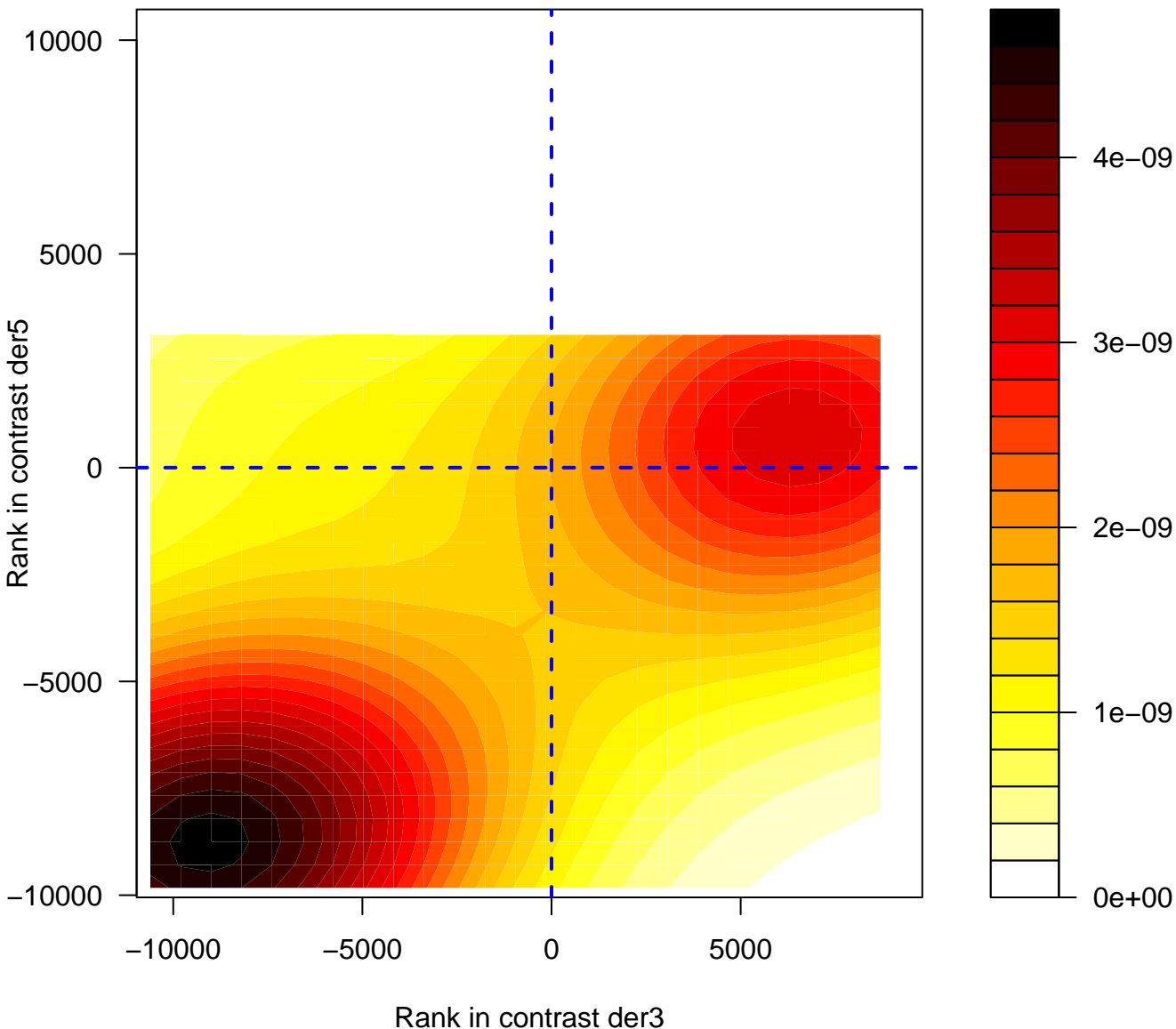


cell.wall.degradation.cellulases.and.beta..1.4.glu

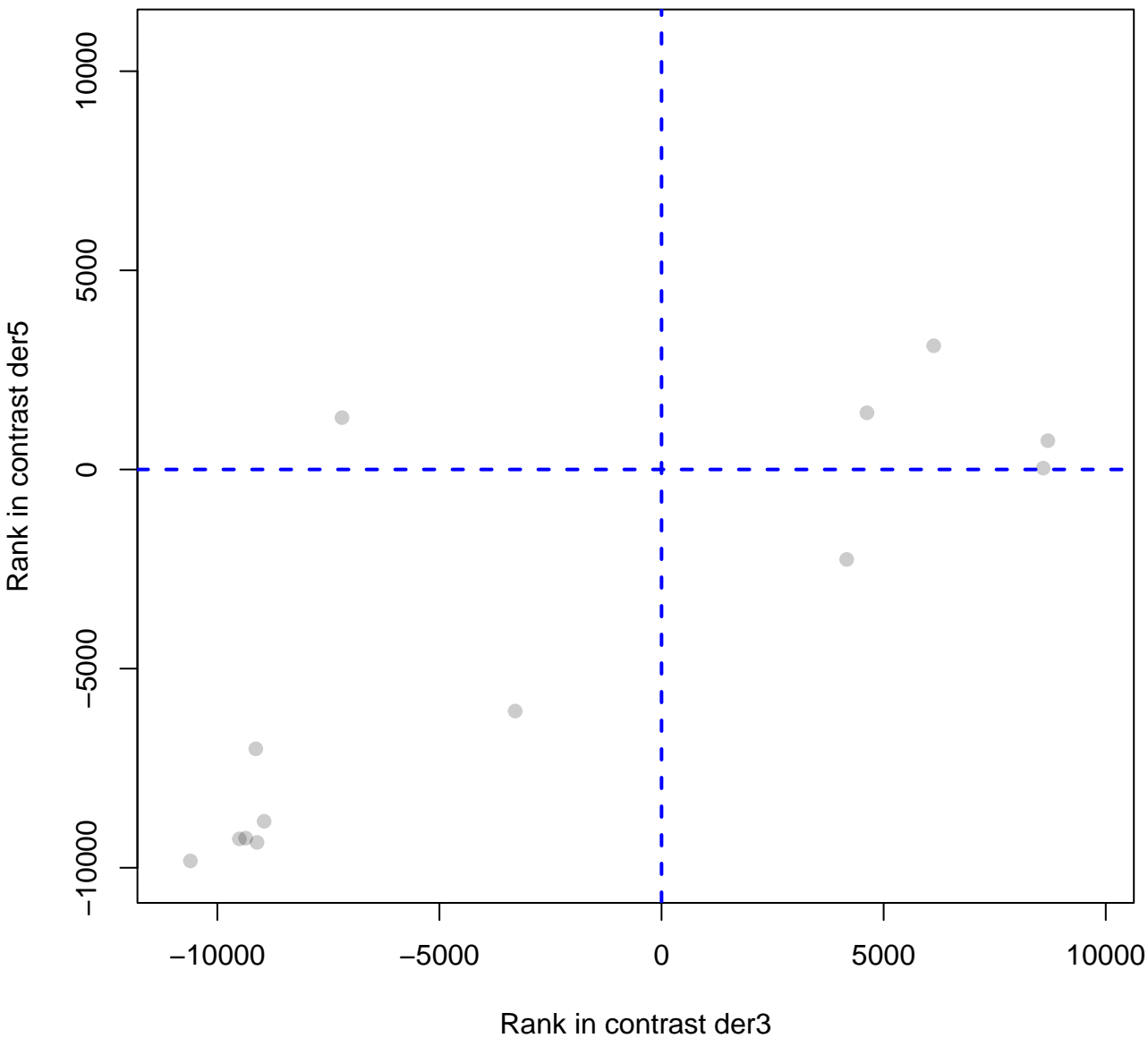




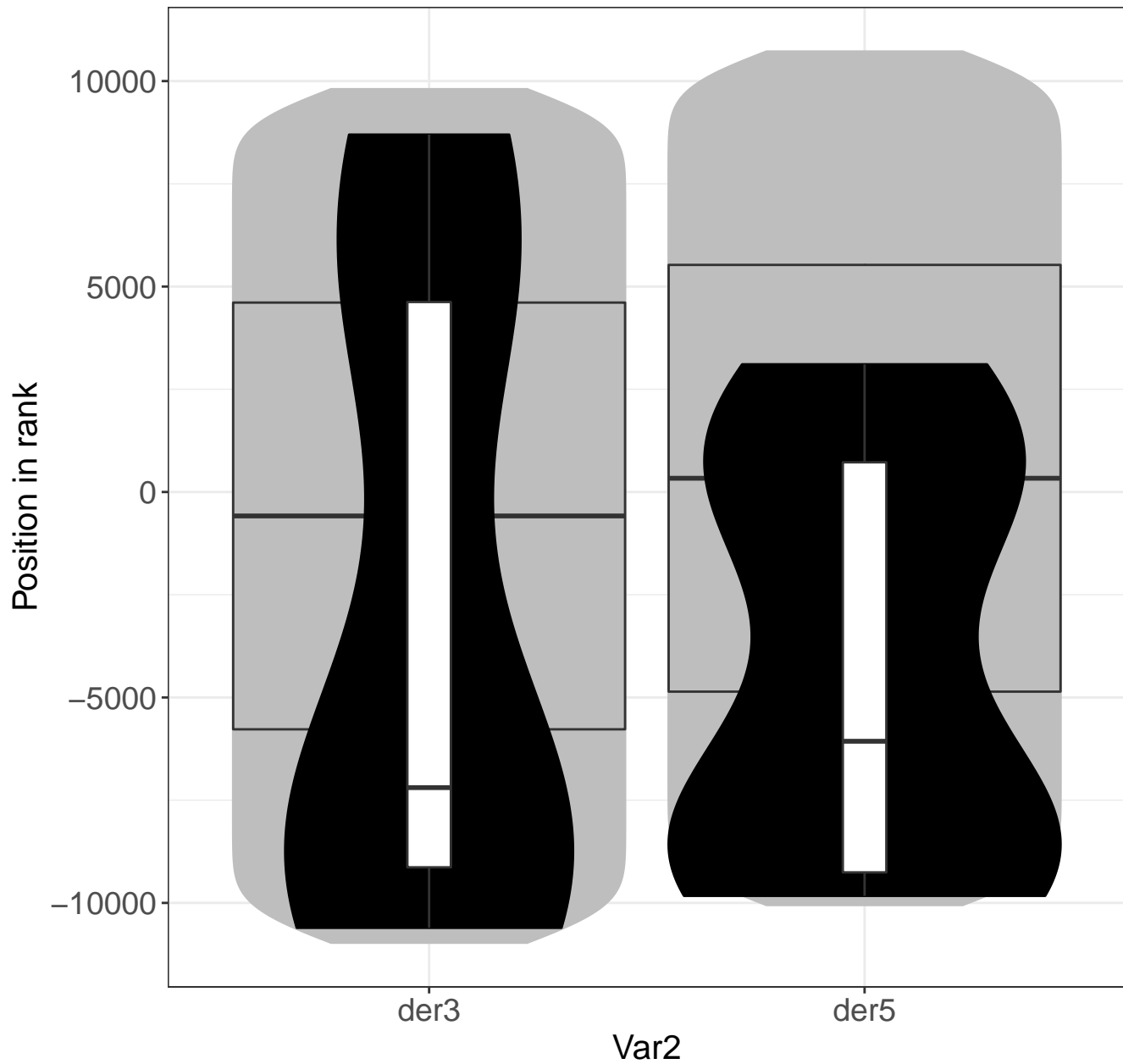
# transport.Major.Intrinsic.Proteins.PIP



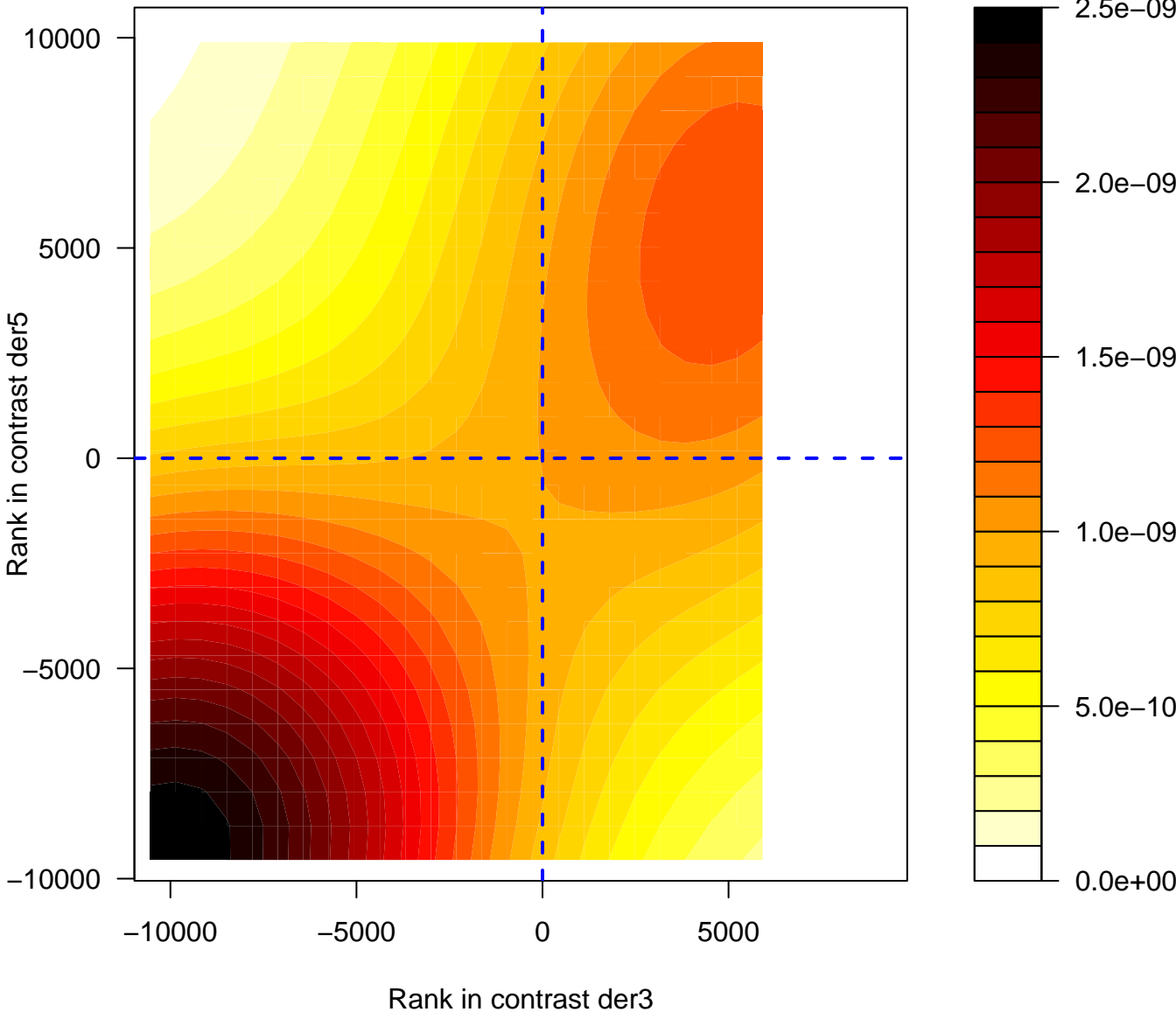
# transport.Major.Intrinsic.Proteins.PIP



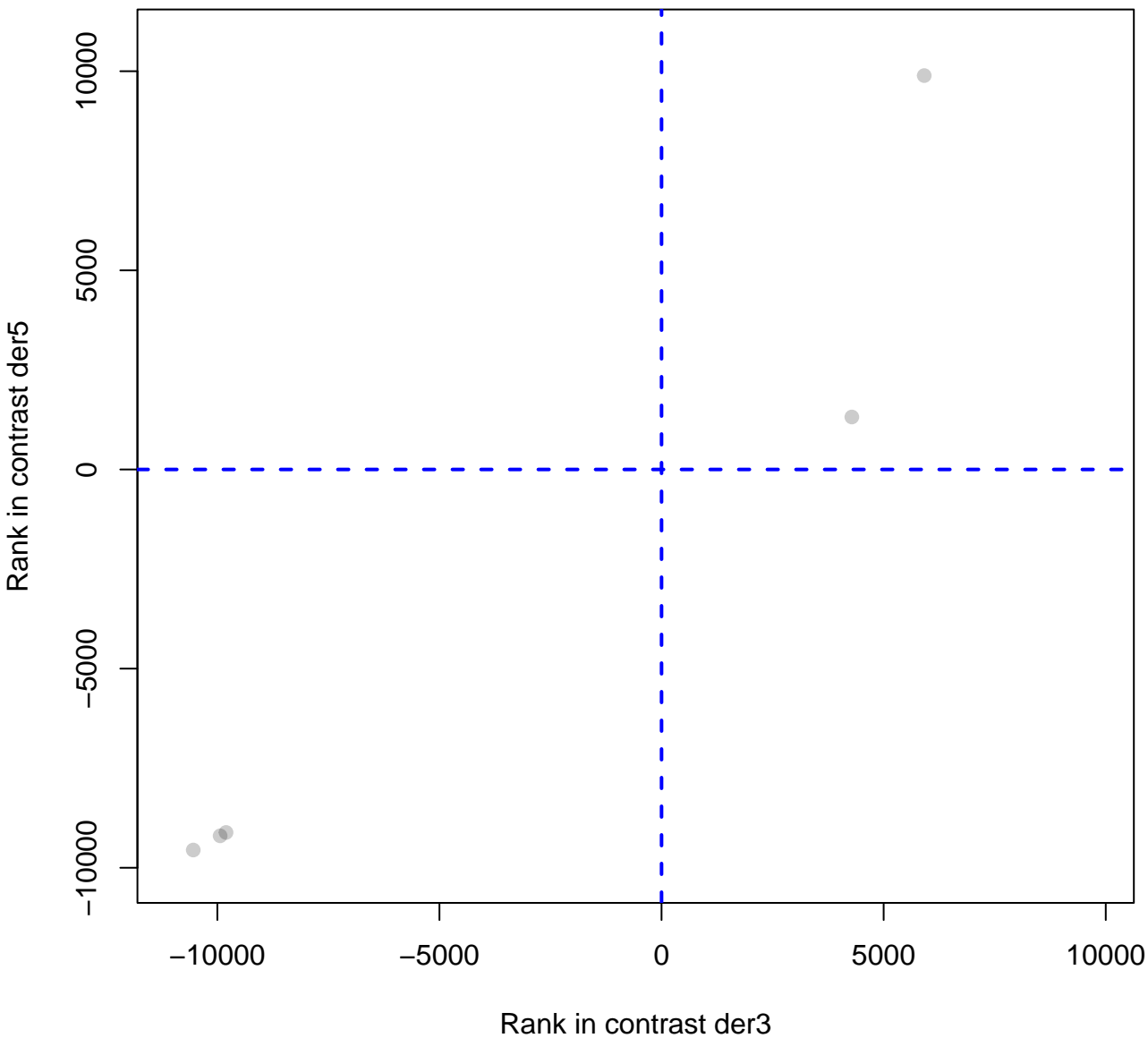
# transport.Major.Intrinsic.Proteins.PIP



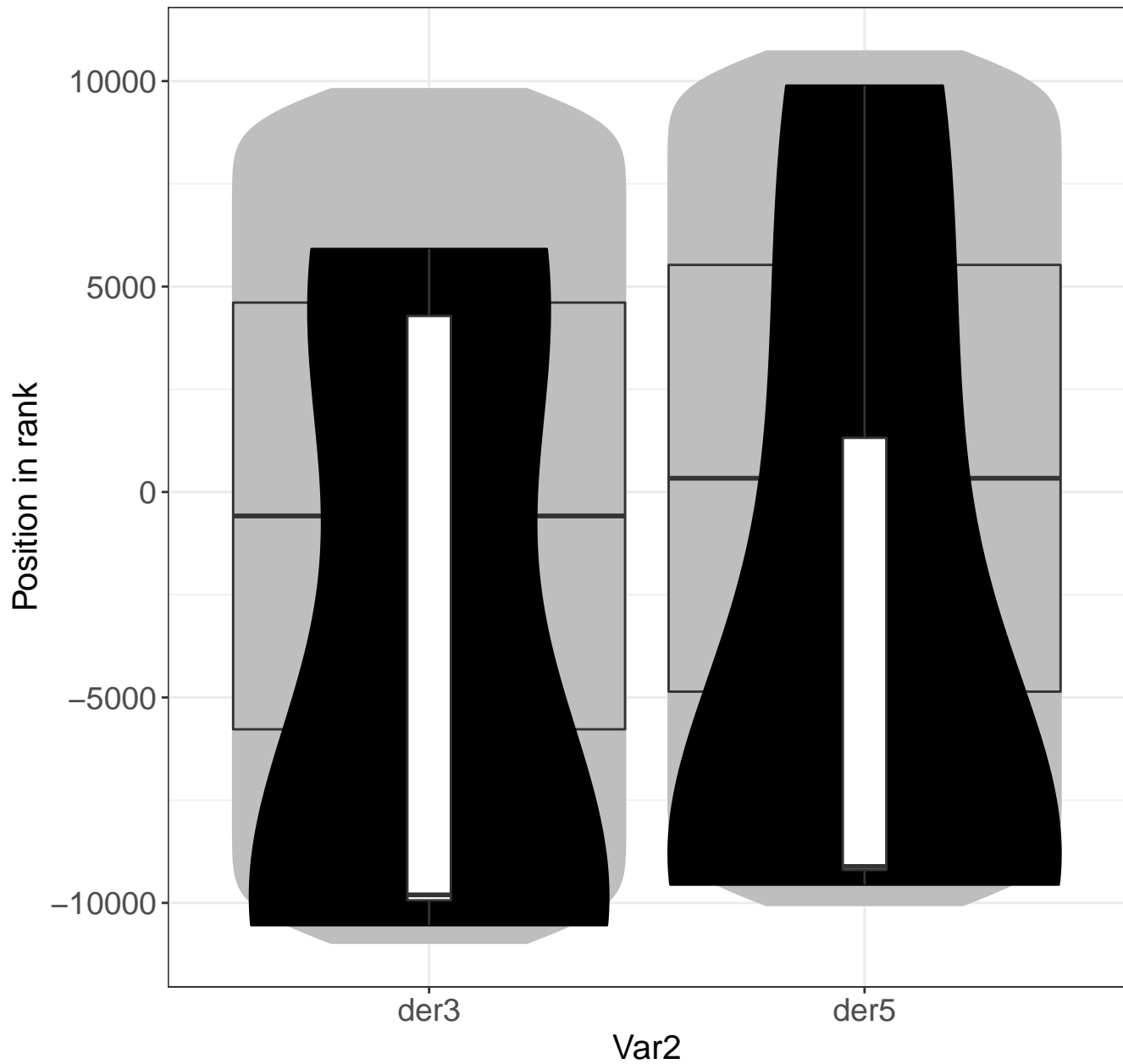
# cell.wall.precursor.synthesis.UGE



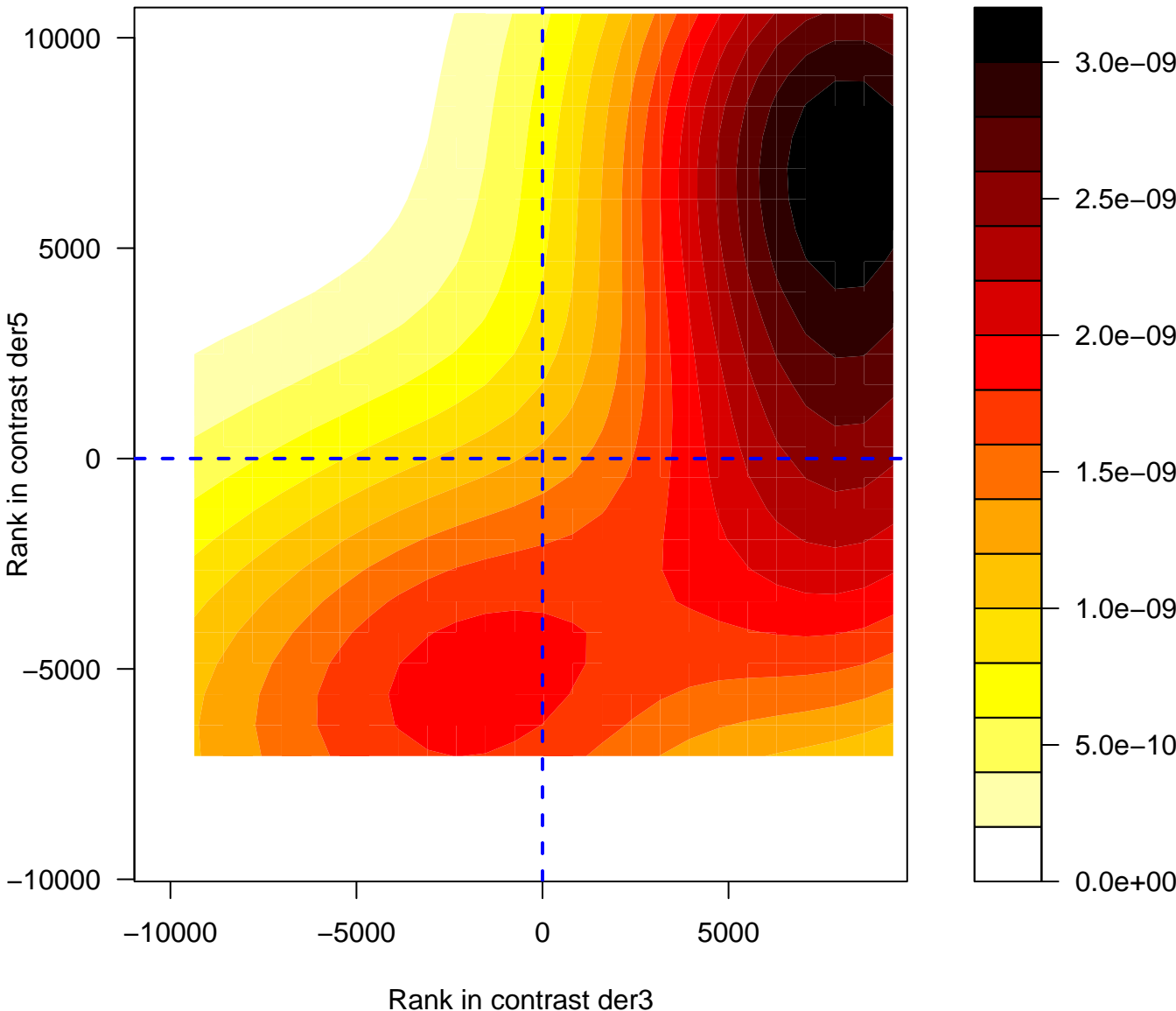
# cell.wall.precursor.synthesis.UGE



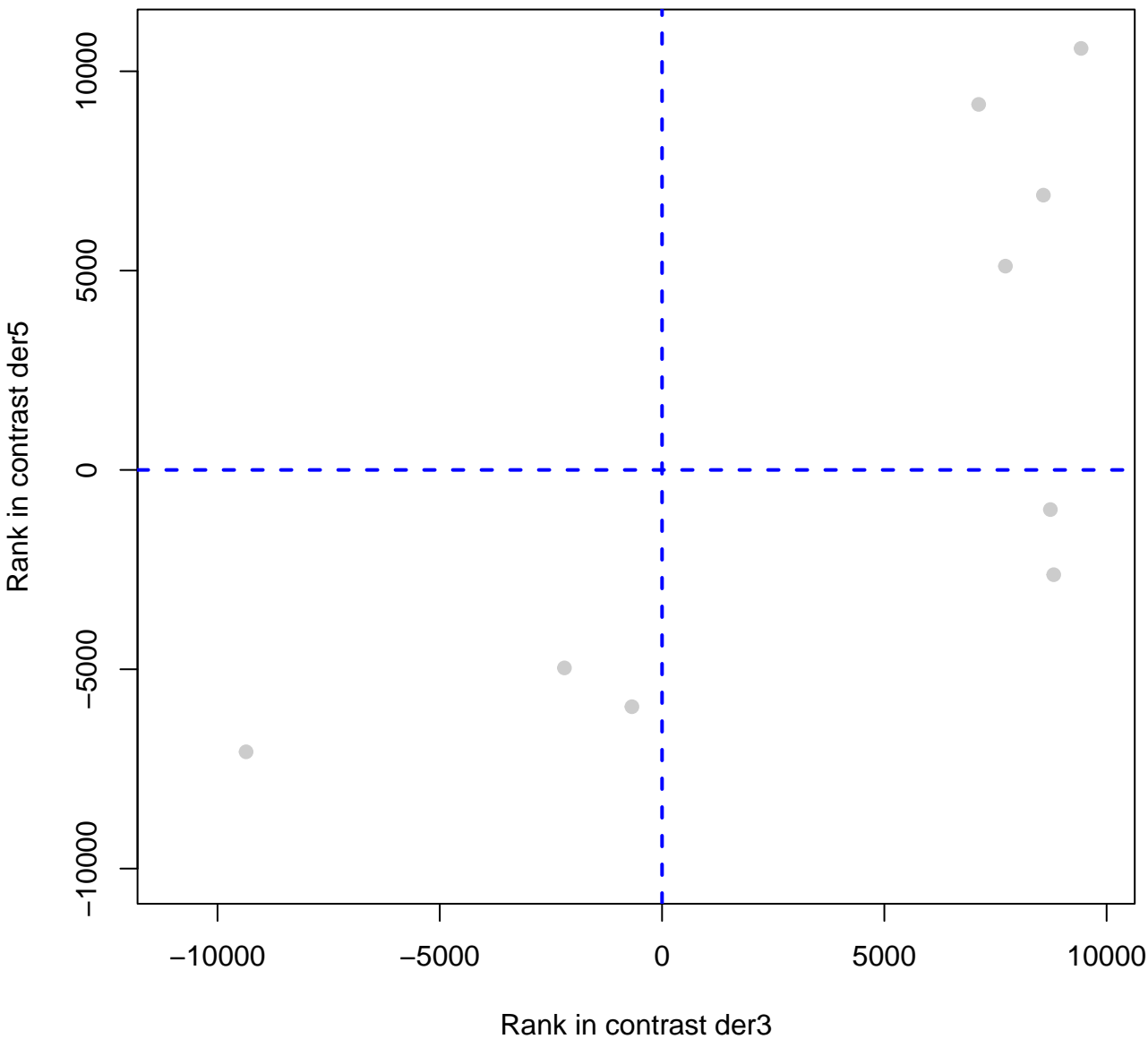
# cell.wall.precursor.synthesis.UGE



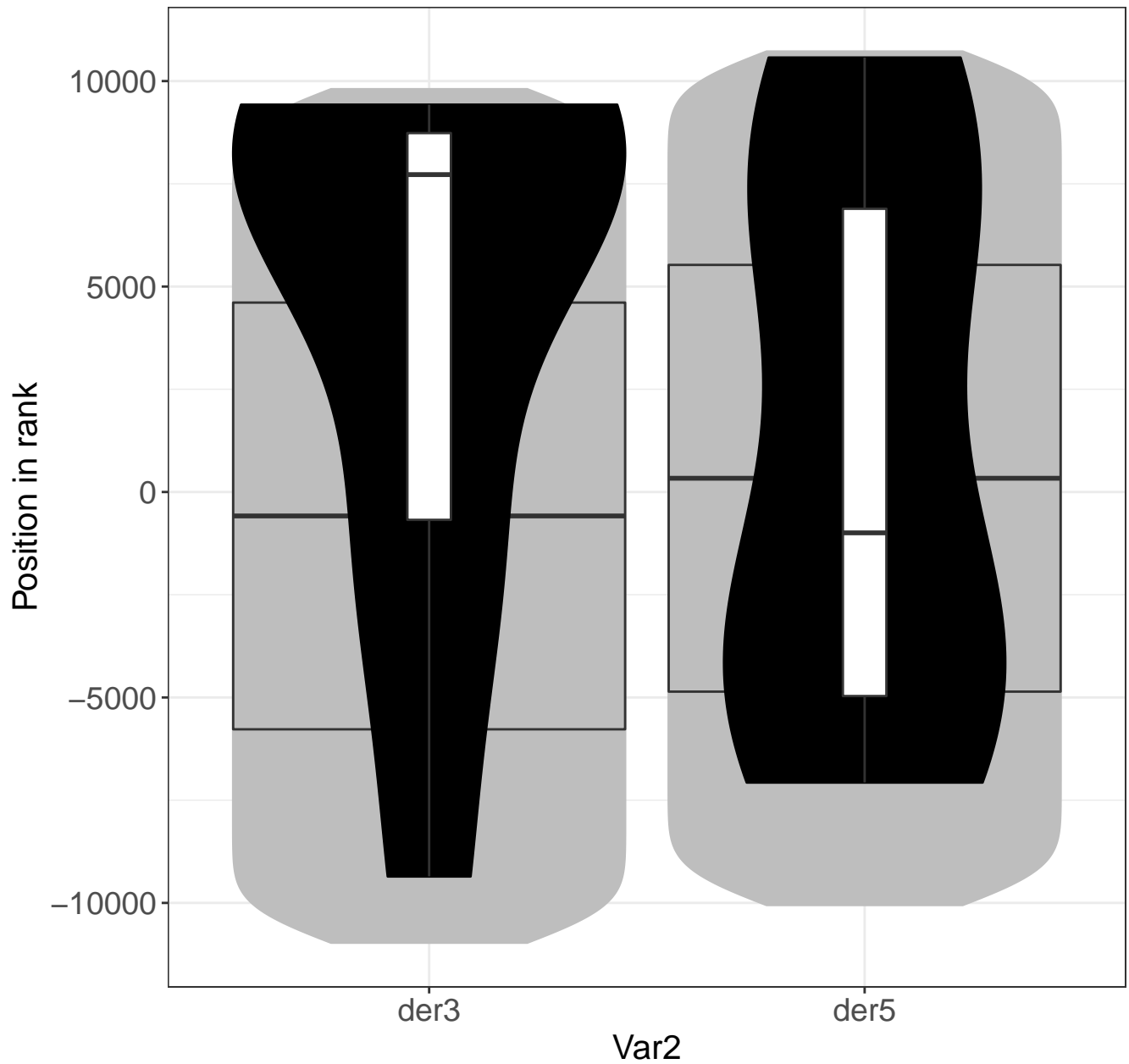
# signalling.phosphinositides.phosphoinositide.phospholipa



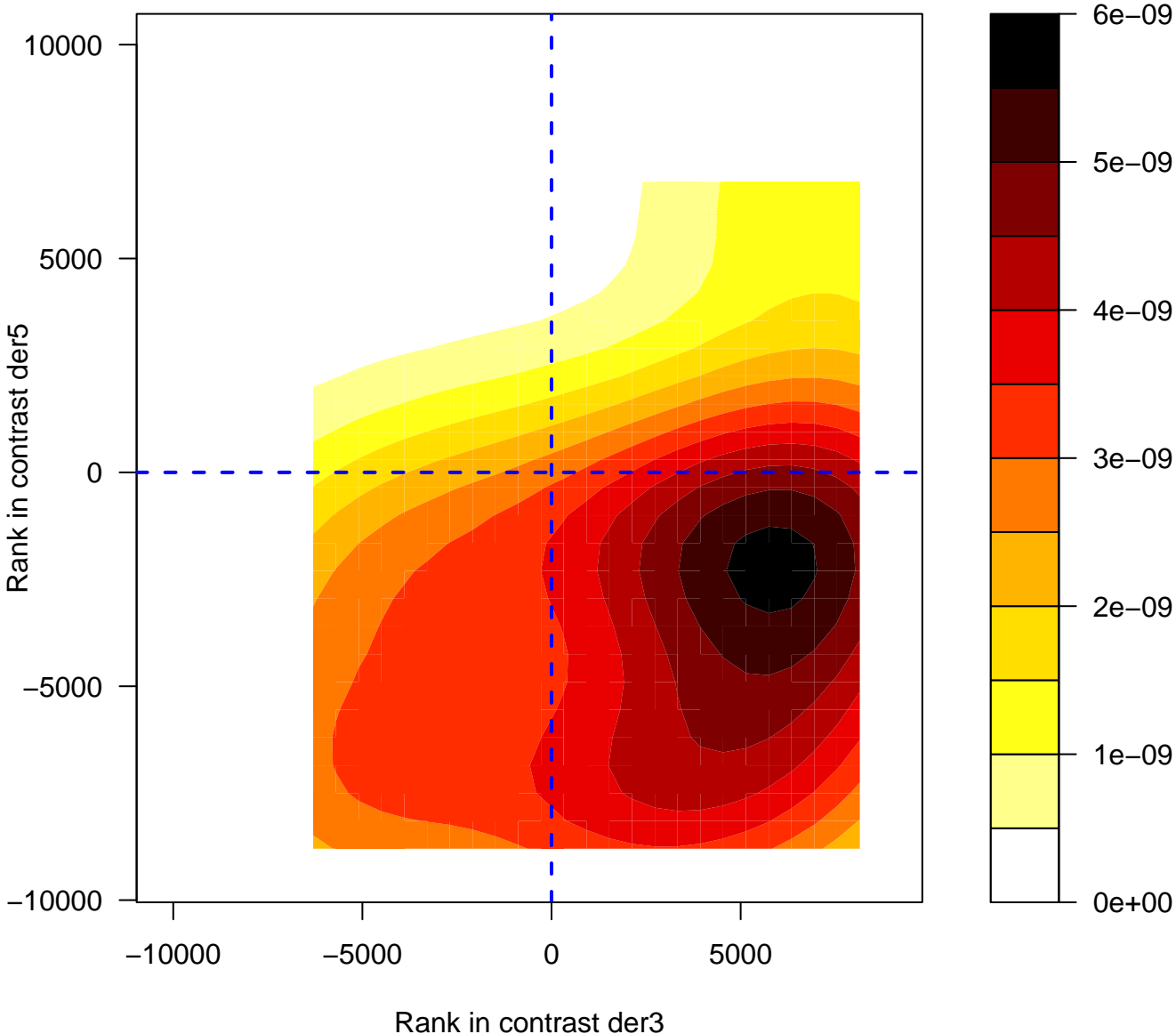
# signalling.phosphoinositides.phosphoinositide.phospholipase.C



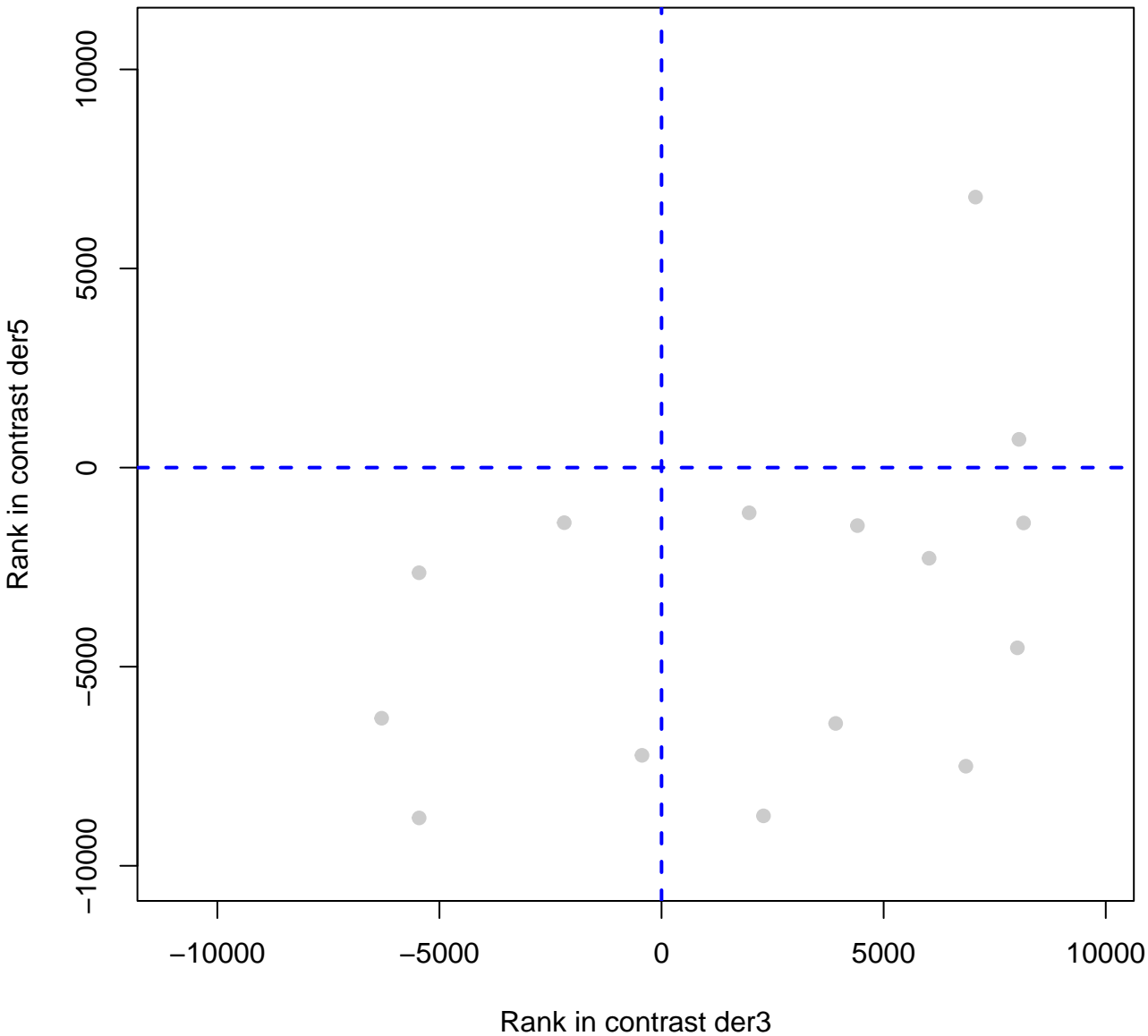




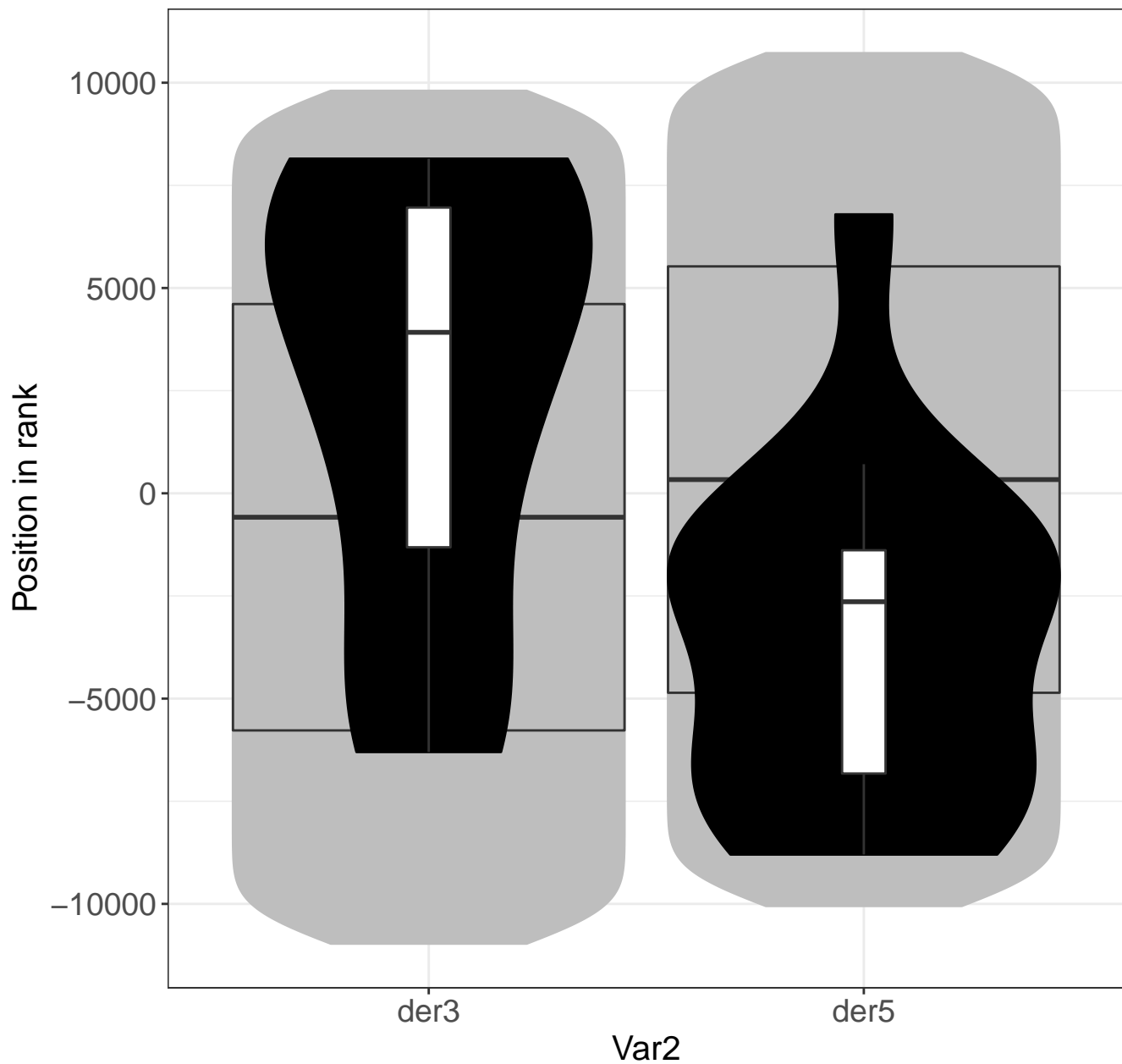
# hormone.metabolism.ethylene.signal.transduction



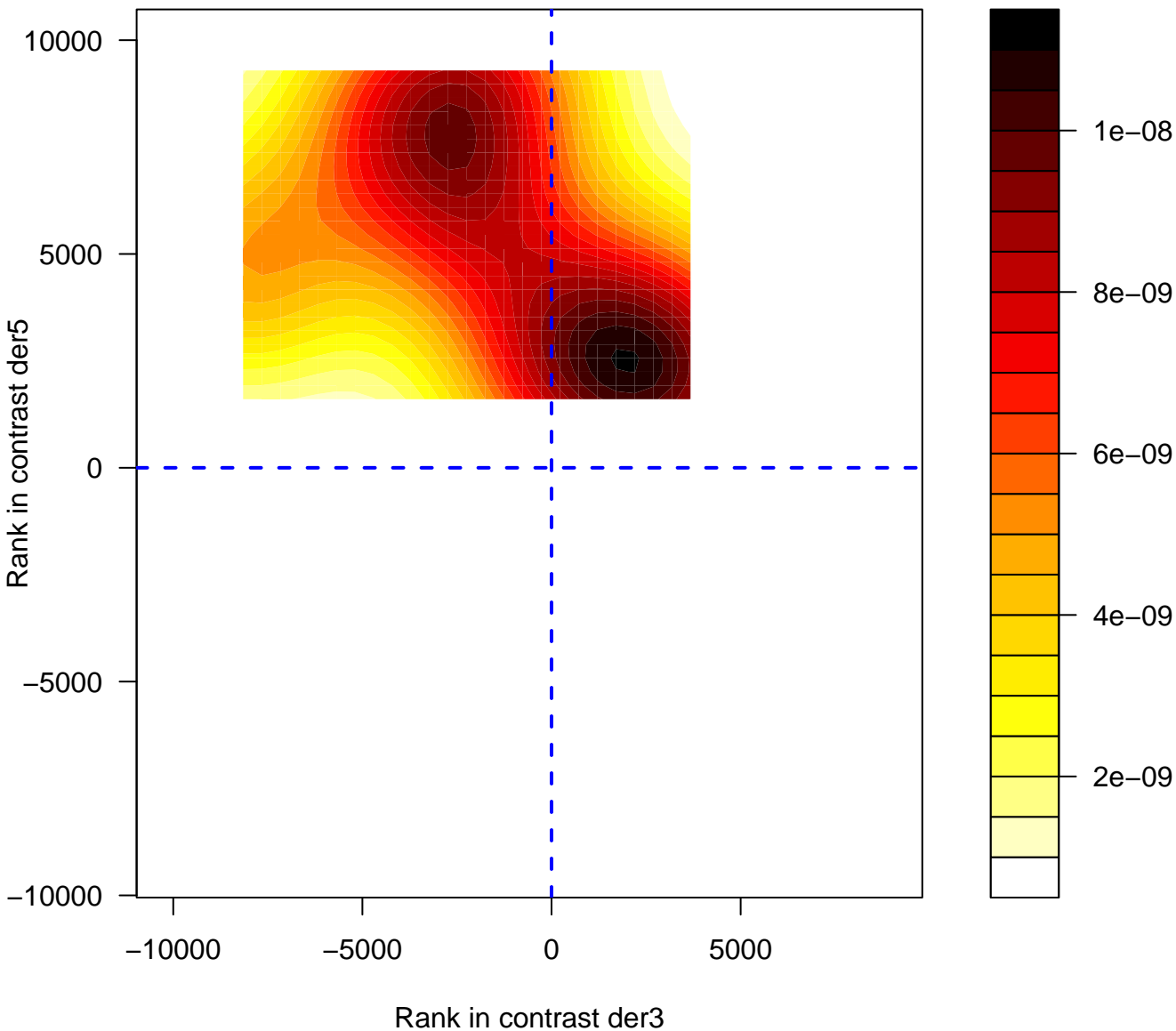
# hormone.metabolism.ethylene.signal.transduction



# hormone.metabolism.ethylene.signal.transduction



# regulation.of.transcription.CPP.Zn..CPP1.related.transcription



# RNA.regulation.of.transcription.CPP.Zn..CPP1.related.transcription.factor.fa

