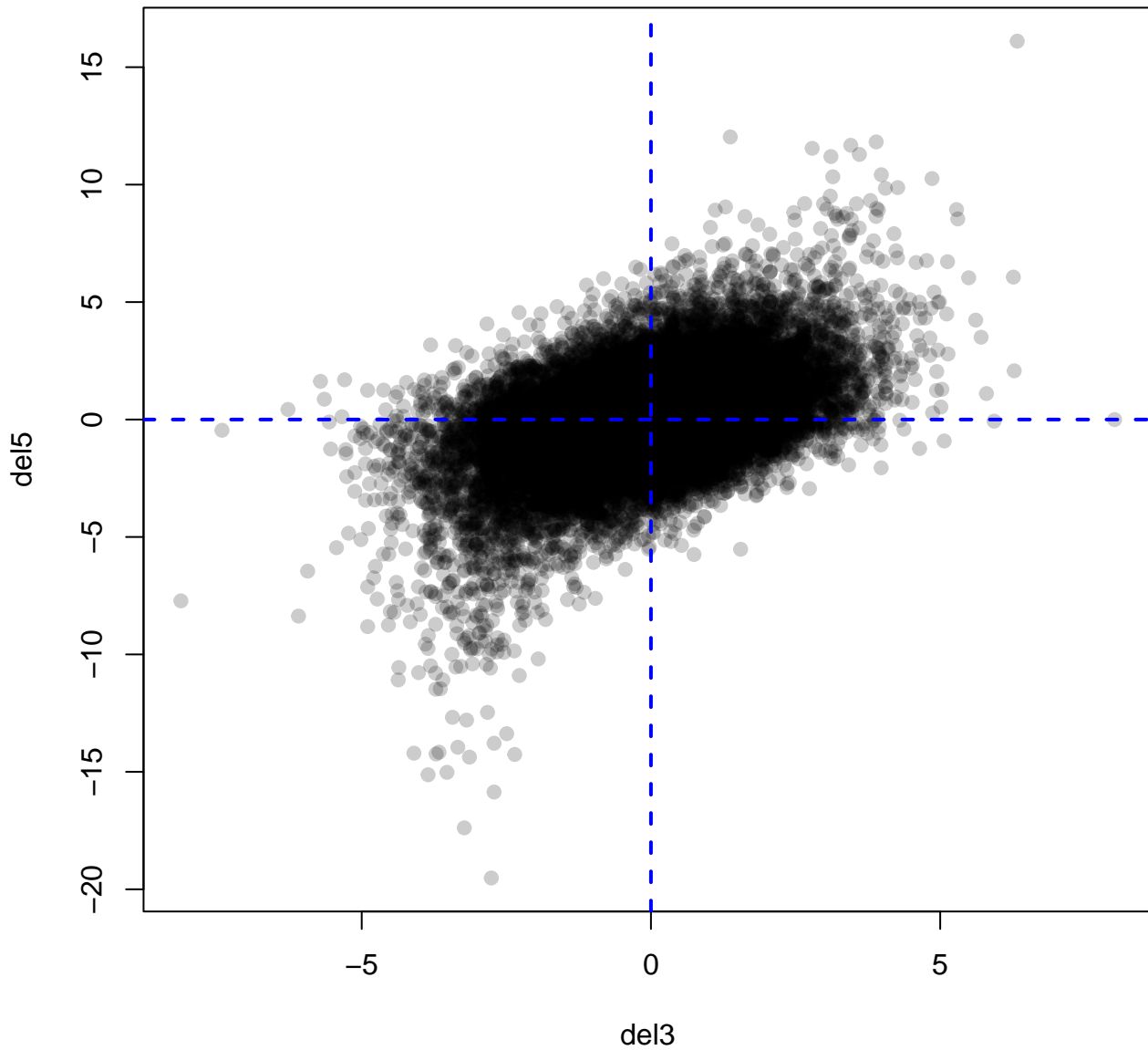
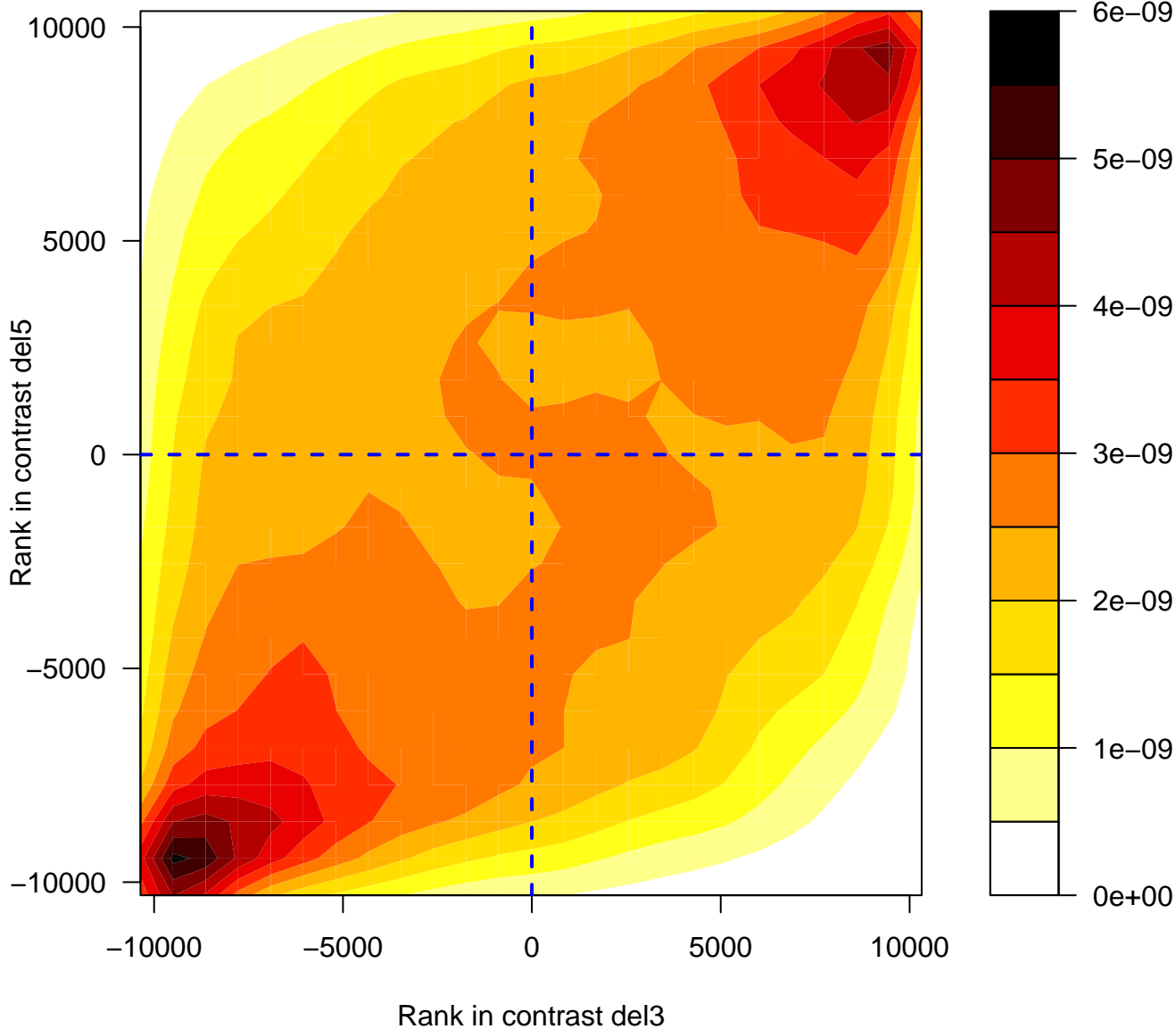


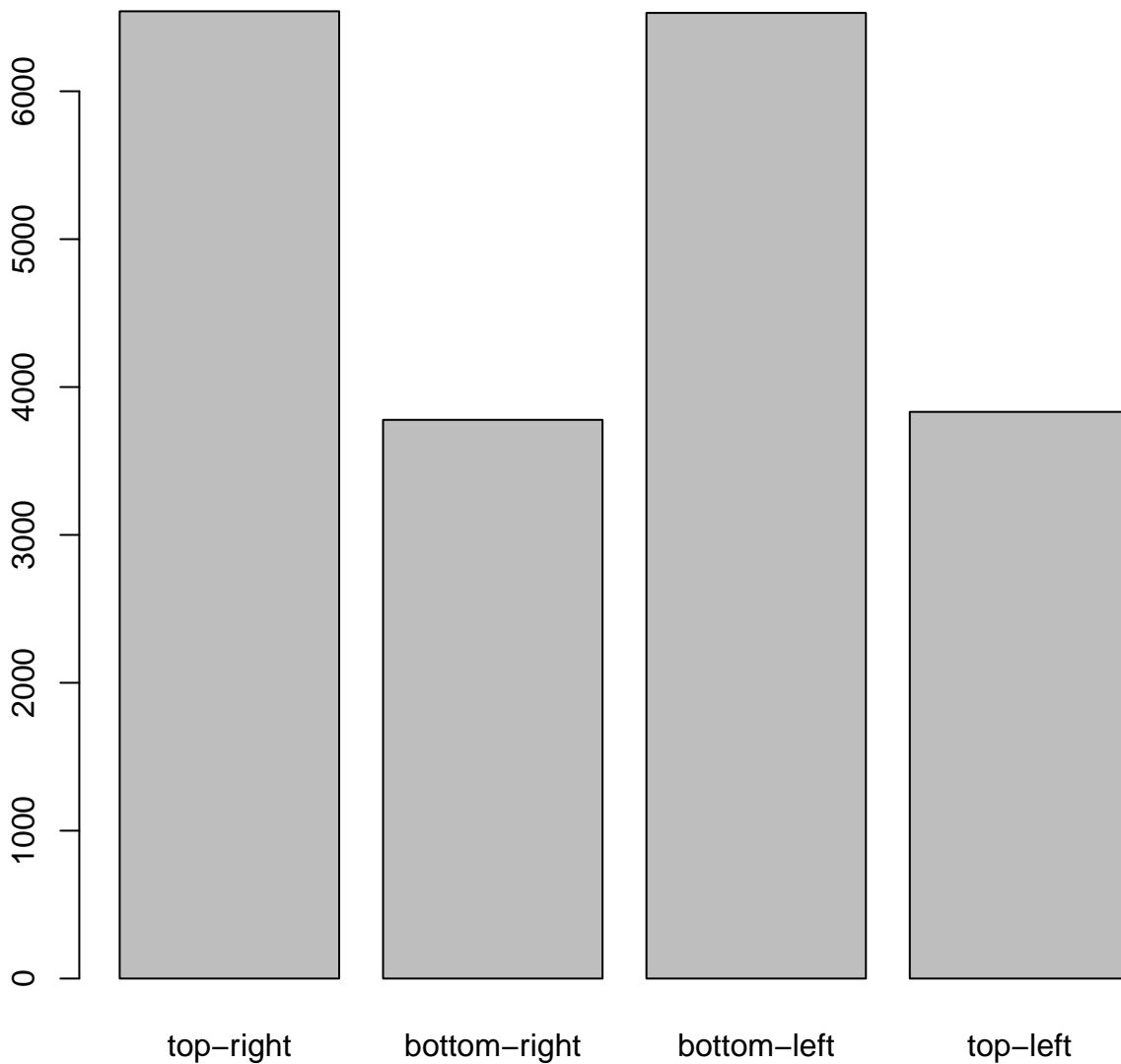
Scatterplot of all genes



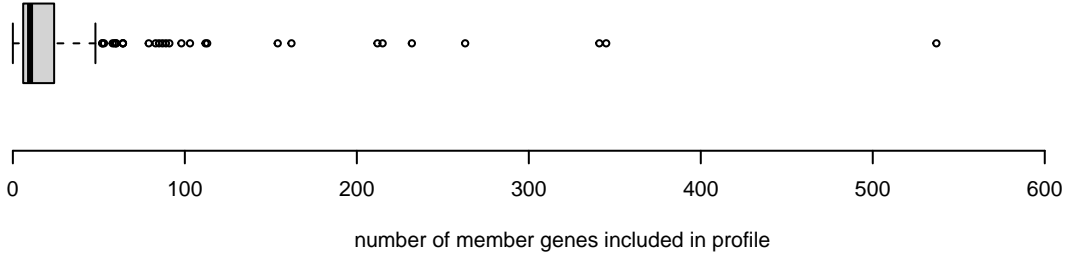
Rank-rank plot of all genes



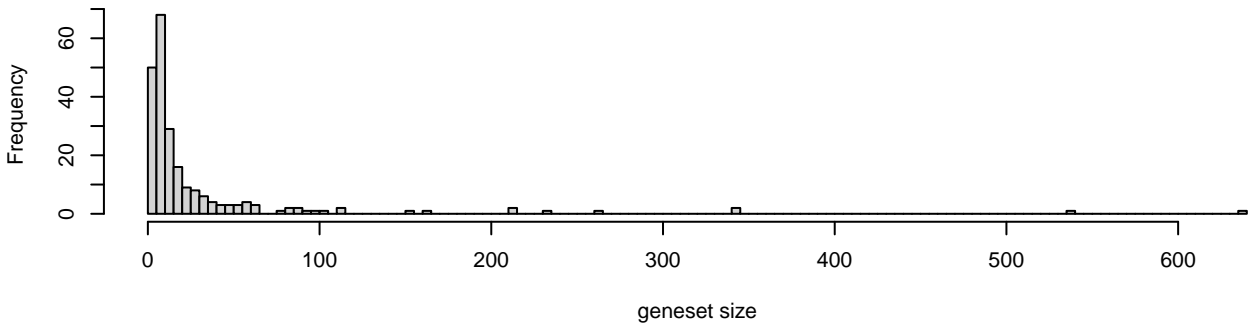
number of genes in each quadrant



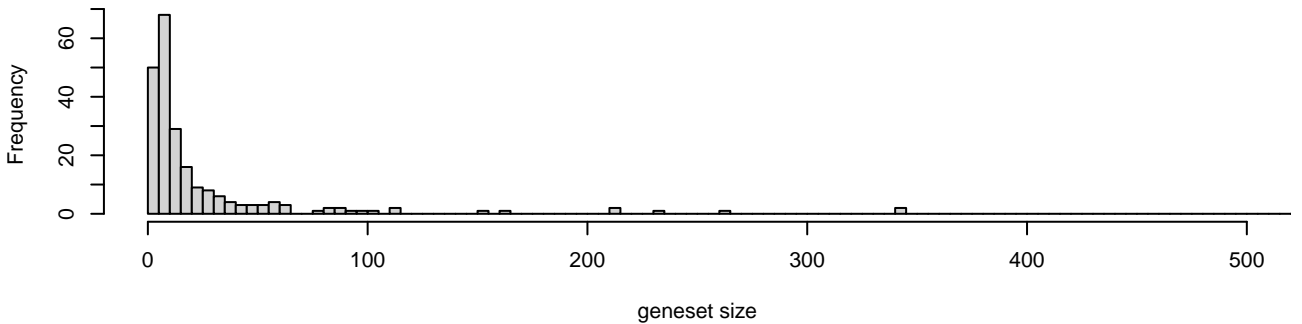
Gene set size



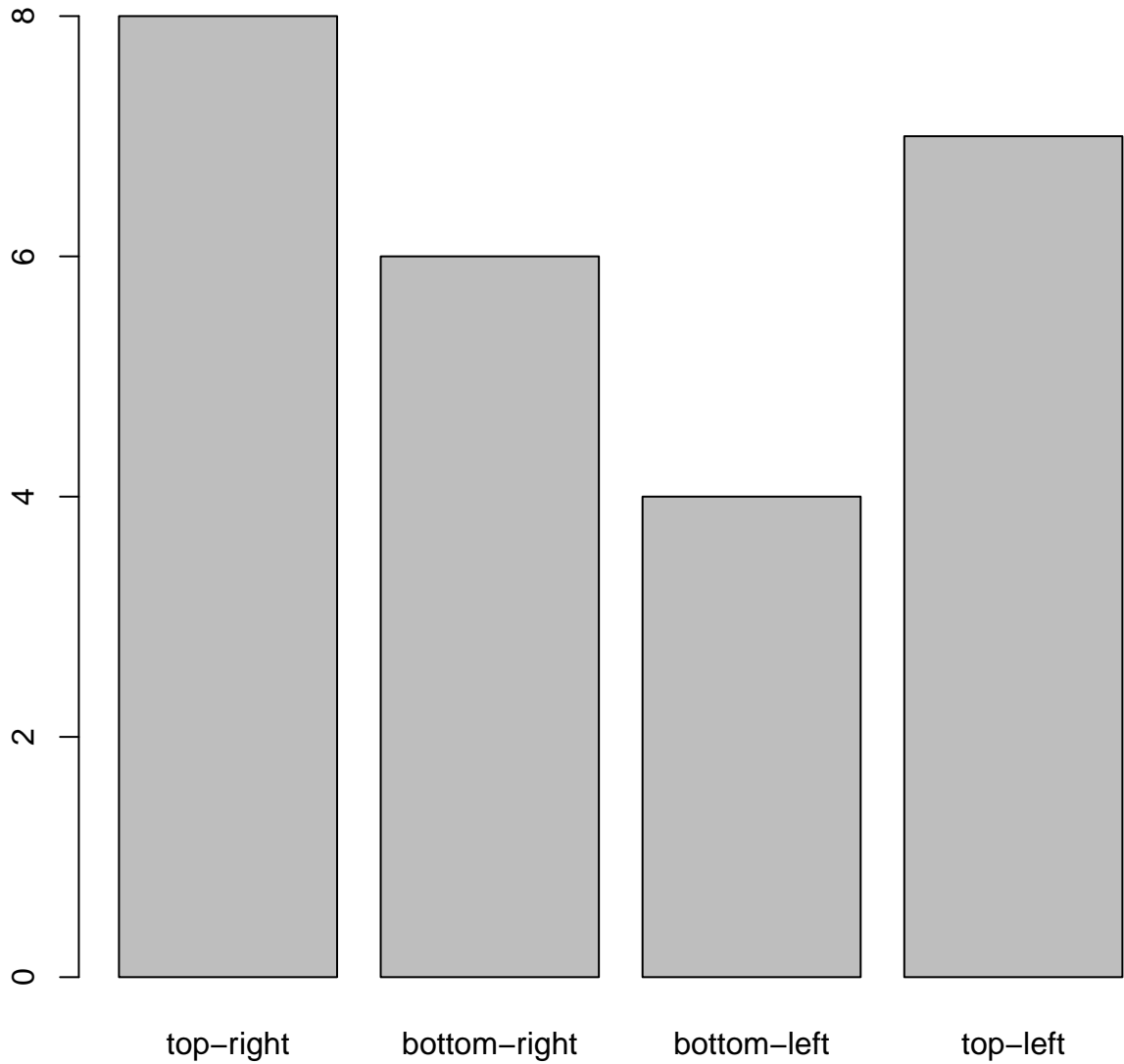
Histogram of geneset size



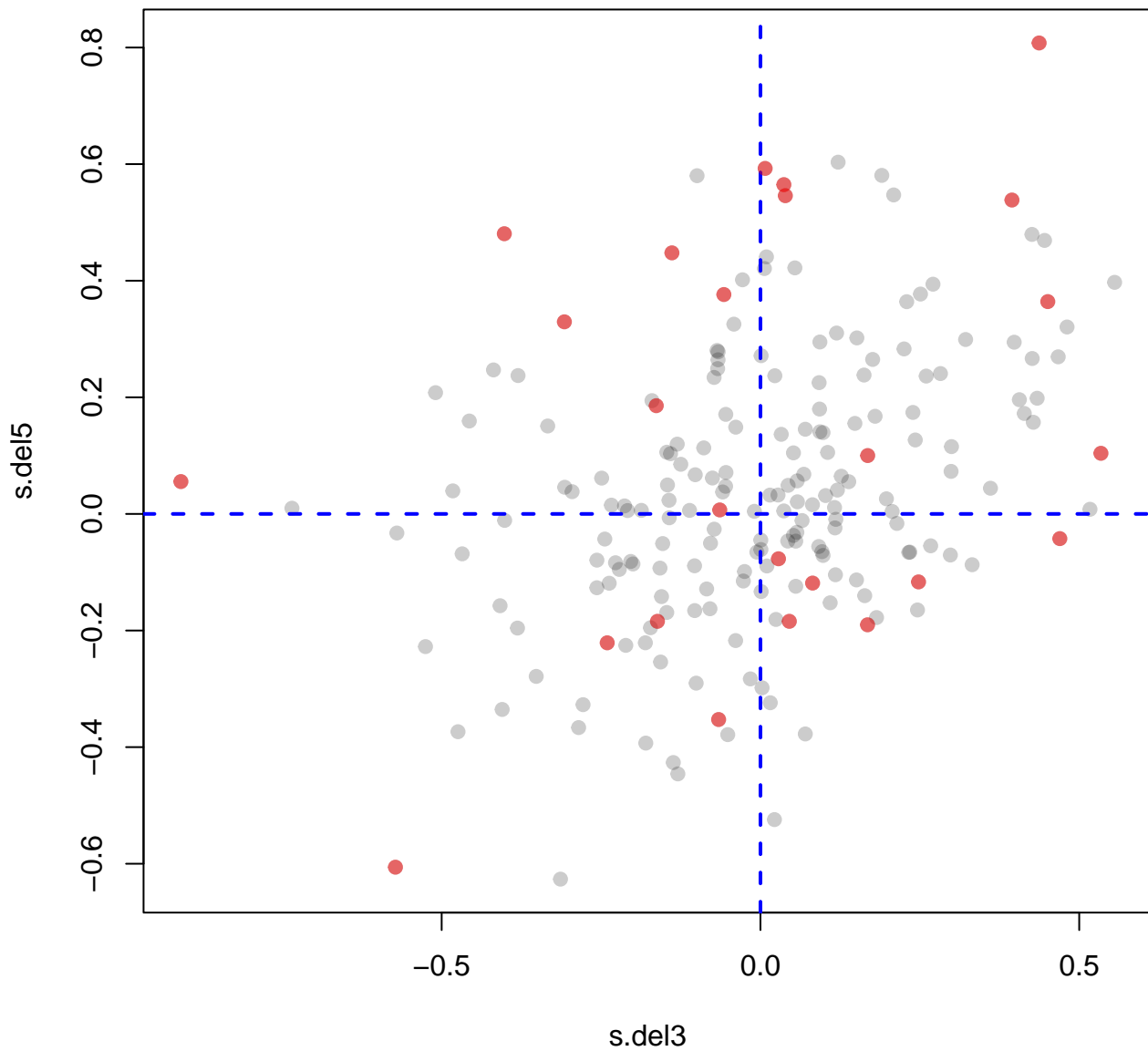
Trimmed histogram of geneset size



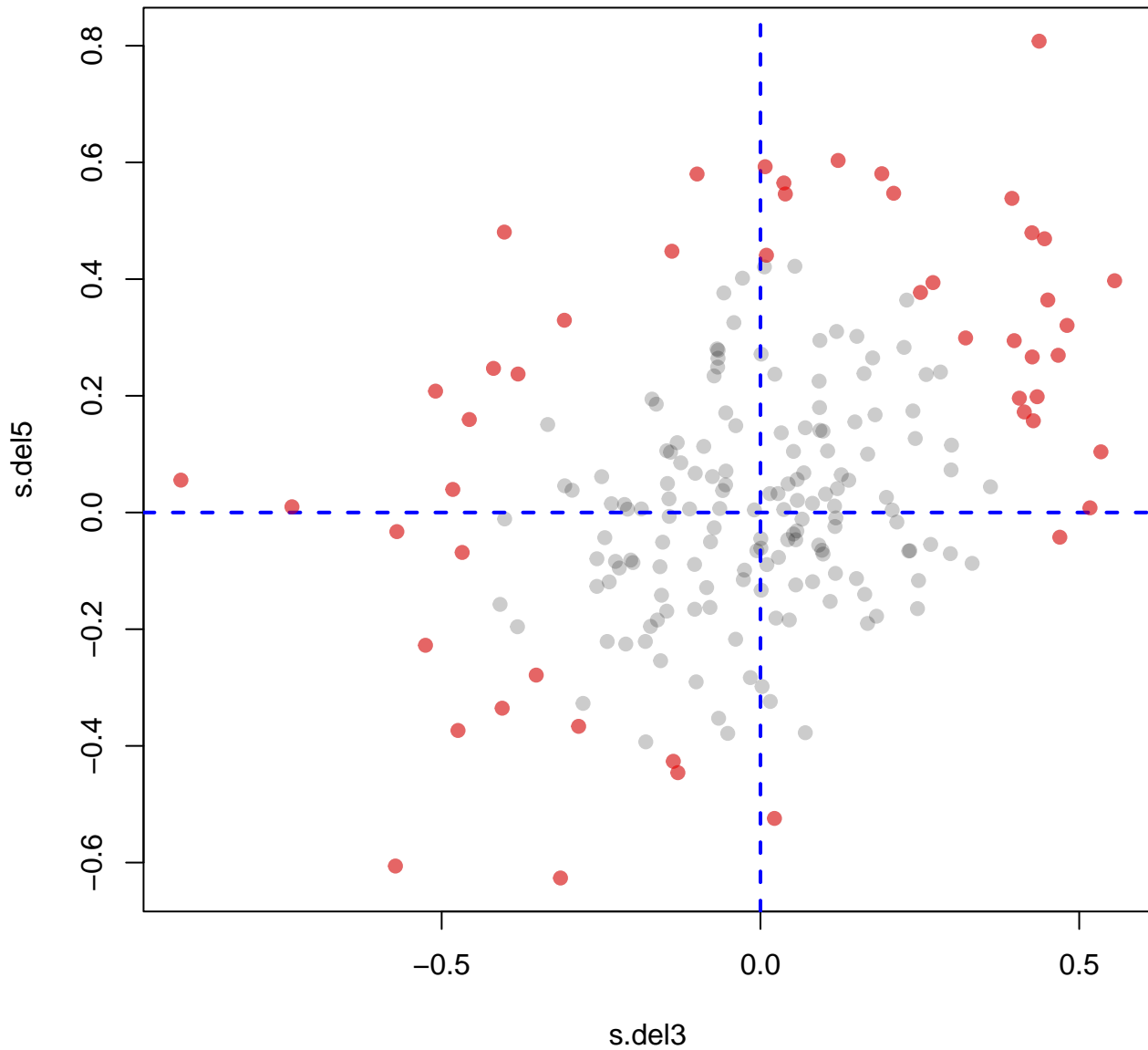
number of genesets FDR<0.05



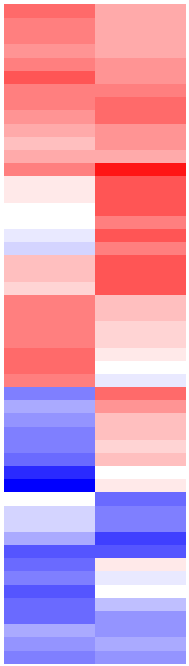
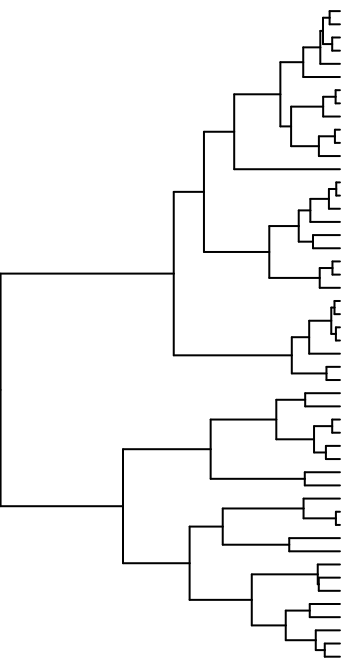
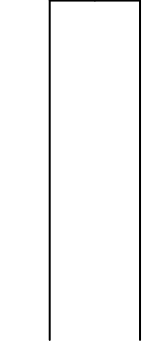
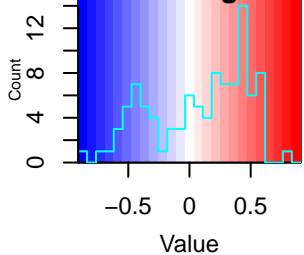
Scatterplot of all gene sets; FDR<0.05 in red



Scatterplot of all gene sets; top 50 in red



Color Key and Histogram

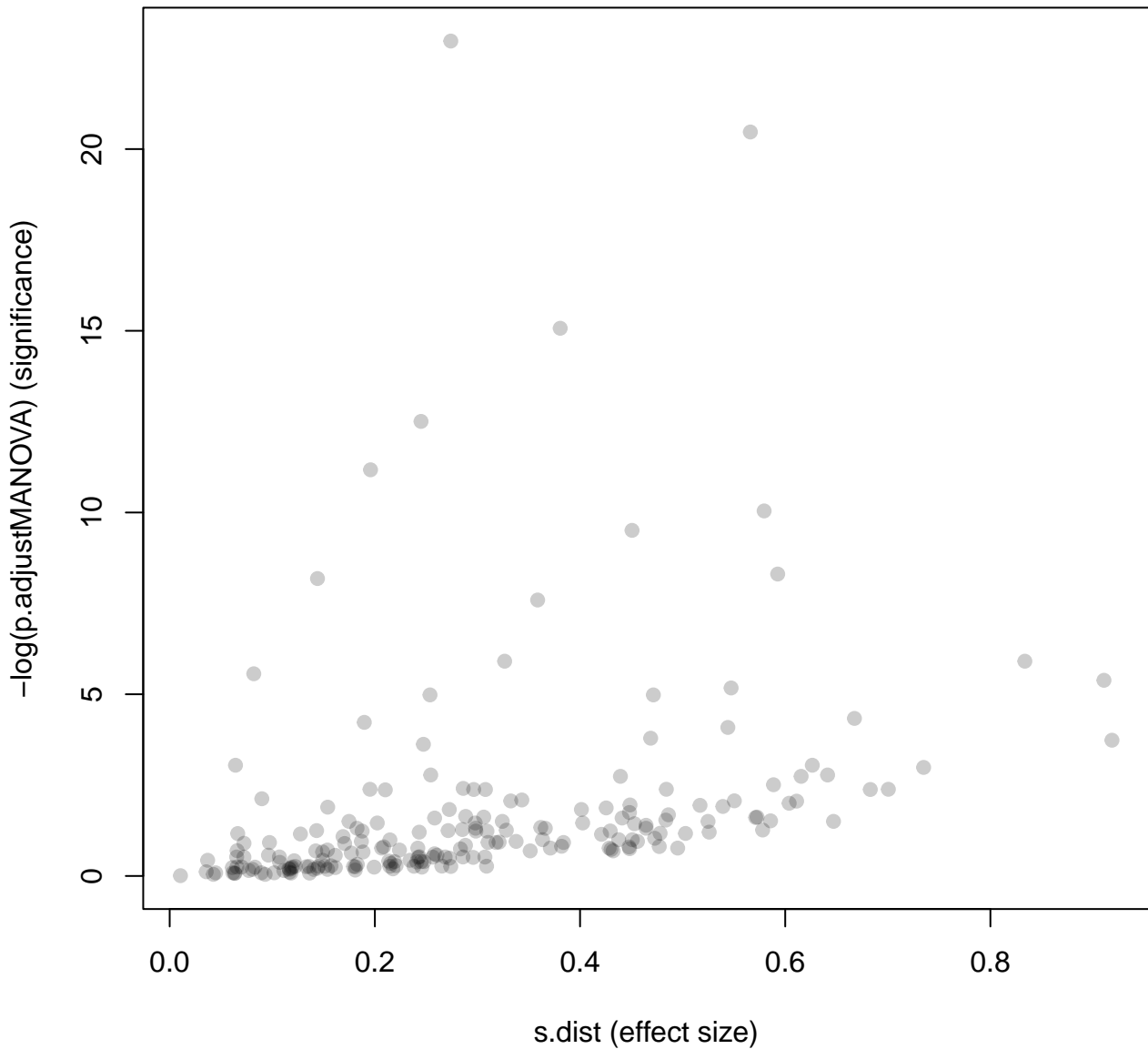


del3

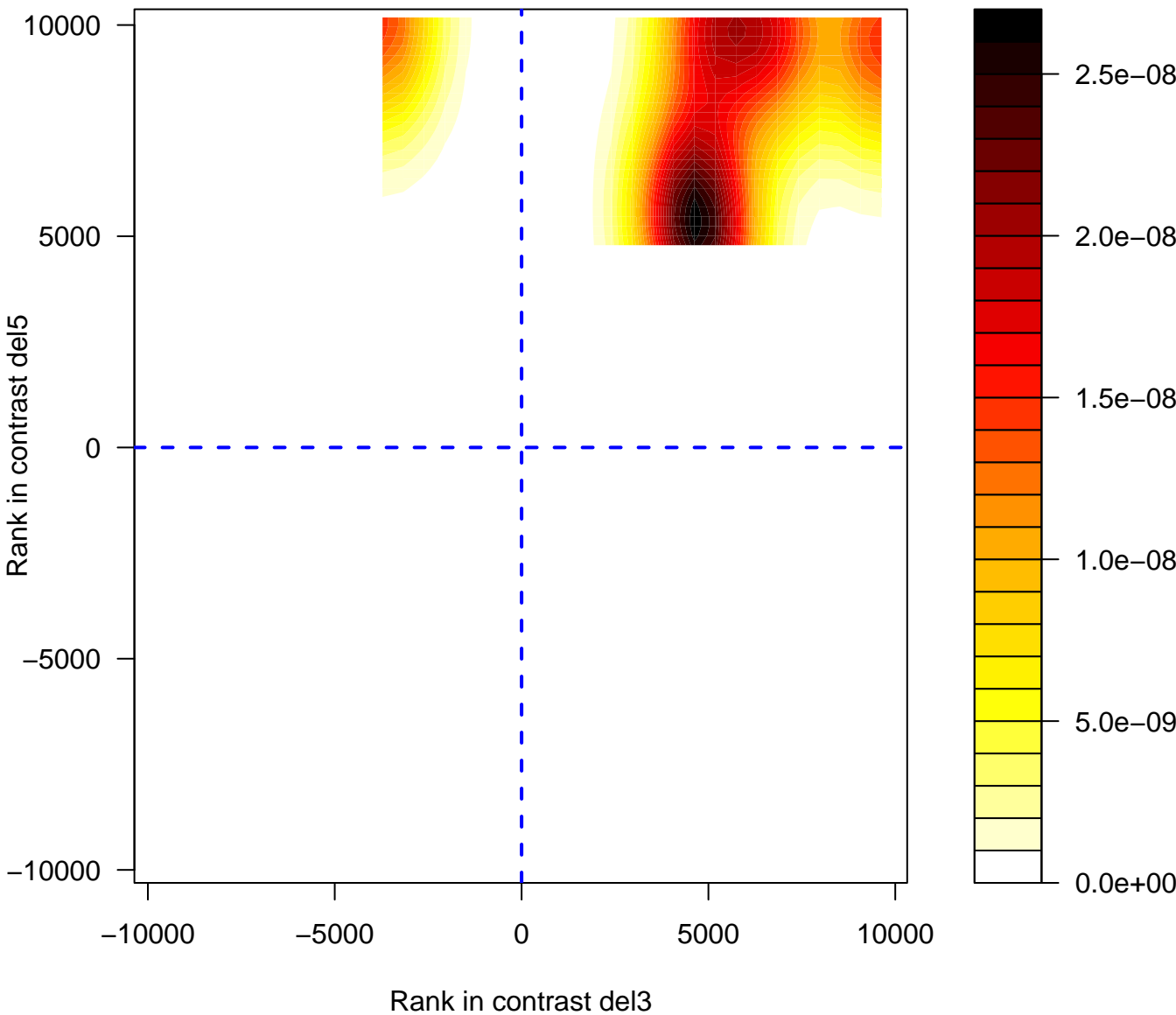
del5

- RNA.regulation.of.transcription.CCAAT.box.binding.factor.family..HAP2
- protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit.unknown
- major.CHO.metabolism.synthesis.starch.AGPase
- cell.wall.pectin.esterases.acetyl.esterase
- cell.division.plastid
- cell.wall.cellulose.synthesis.cellulose.synthase
- PS.lightreaction.photosystem.II.PSII.polypeptide.subunits
- PS.lightreaction.photosystem.I.PSI.polypeptide.subunits
- PS.lightreaction.cytochrome.b6.f
- major.CHO.metabolism.degradation.sucrose.fructokinase
- PS.lightreaction.photosystem.I.LHC.I
- cell.wall.cellulose.synthesis.COBRA
- cell.wall.pectin.esterases.misc
- transport.NDP.sugars.at.the.ER
- redox.peroxiredoxin
- protein.synthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.W
- secondary.metabolism.flavonoids.flavonols.flavonol.synthase..FLS.
- protein.synthesis.ribosomal.protein.eukaryotic.40S.subunit.S15A
- Biodegradation.of.Xenobiotics.hydroxyacylglutathione.hydrolase
- RNA.processing
- transport.sulphate
- protein.aa.activation.asparagine.tRNA.ligase
- transport.Major.Intrinsic.Proteins.TIP
- protein.degradation.ubiquitin.E3.BTB.POZ.Cullin3.BTB.POZ
- protein.synthesis.ribosome.biogenesis.export.from.nucleus

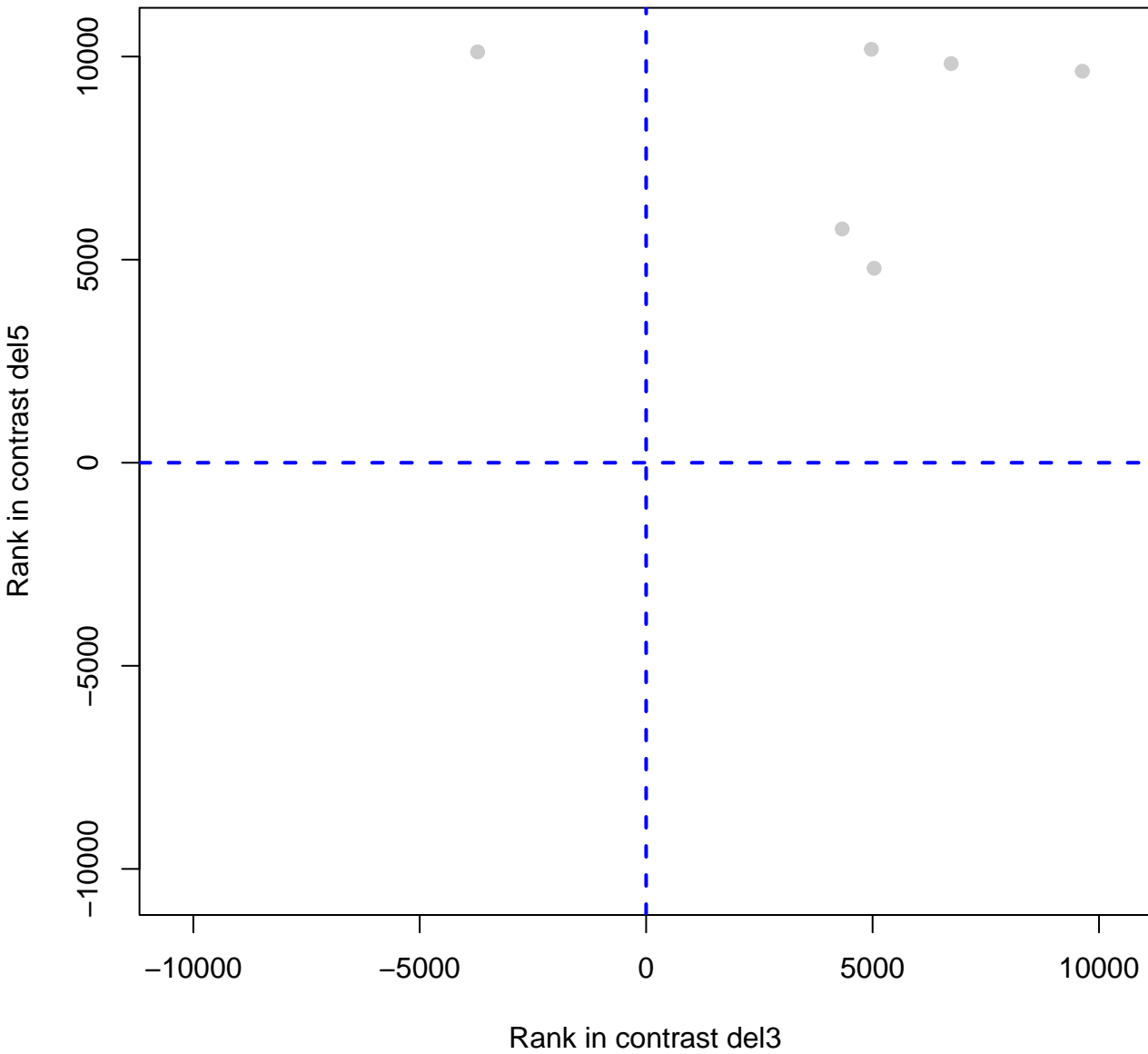
effect size versus statistical significance



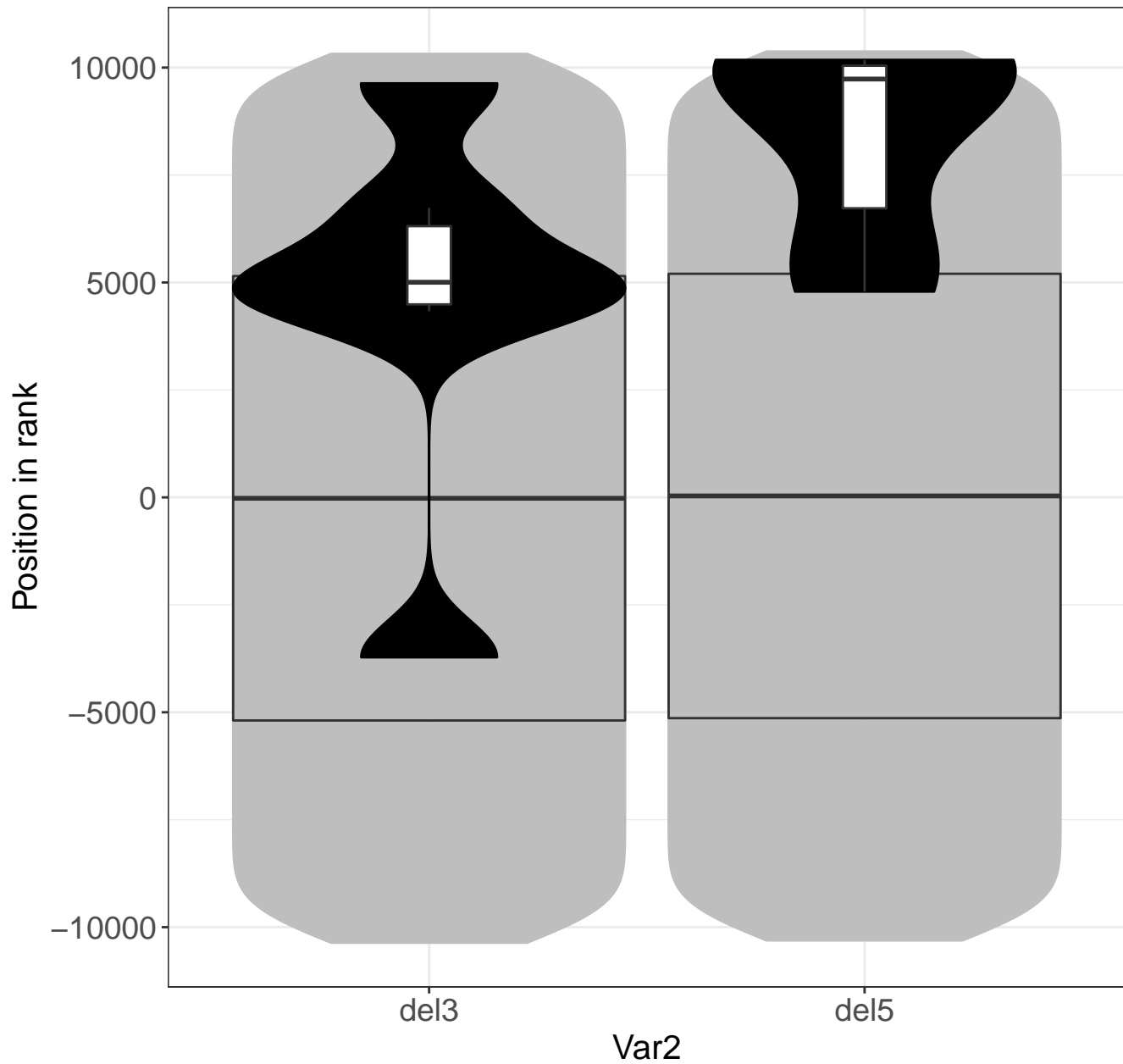
PS.calvin.cycle.rubisco.interacting



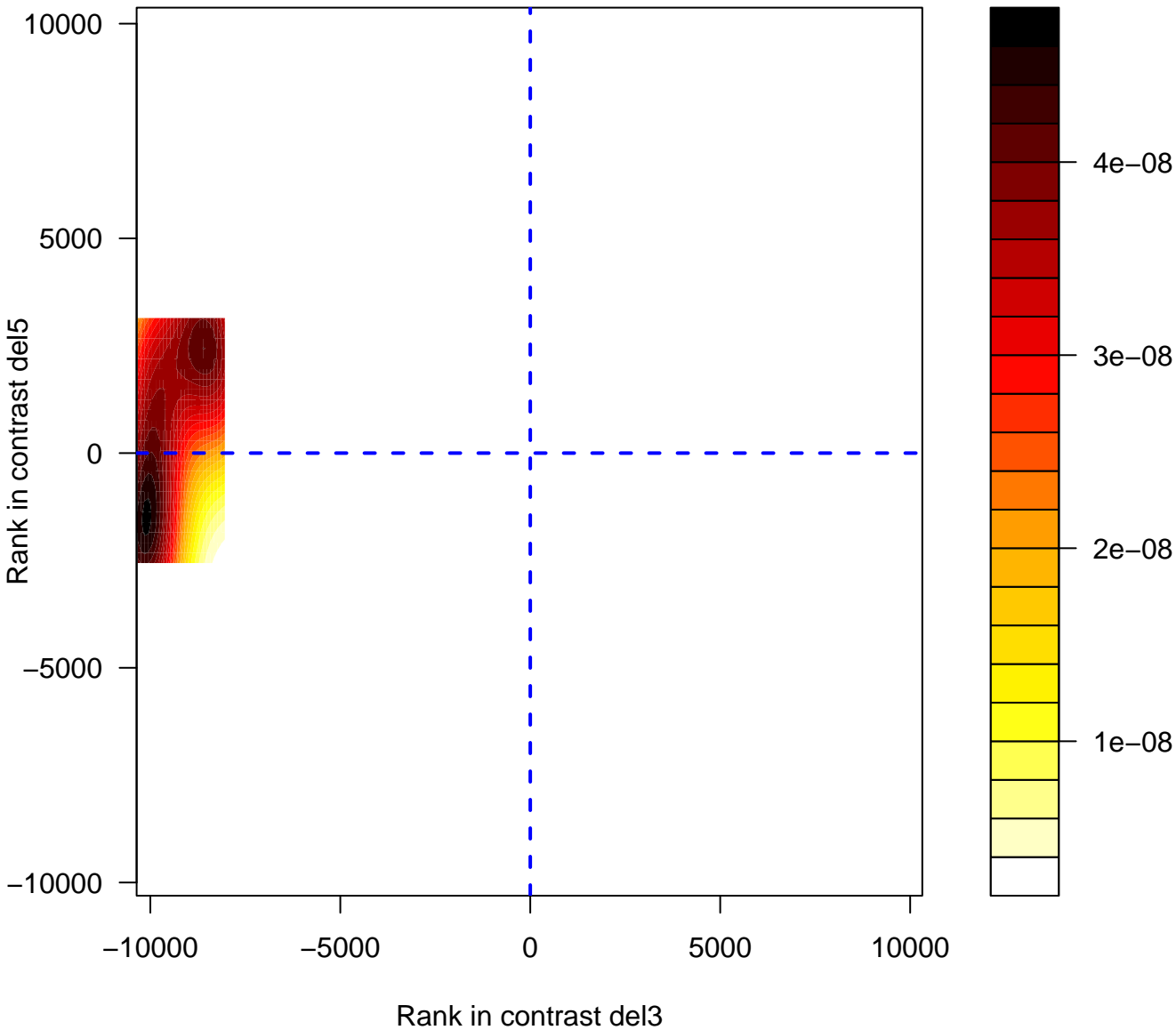
PS.calvin.cycle.rubisco.interacting



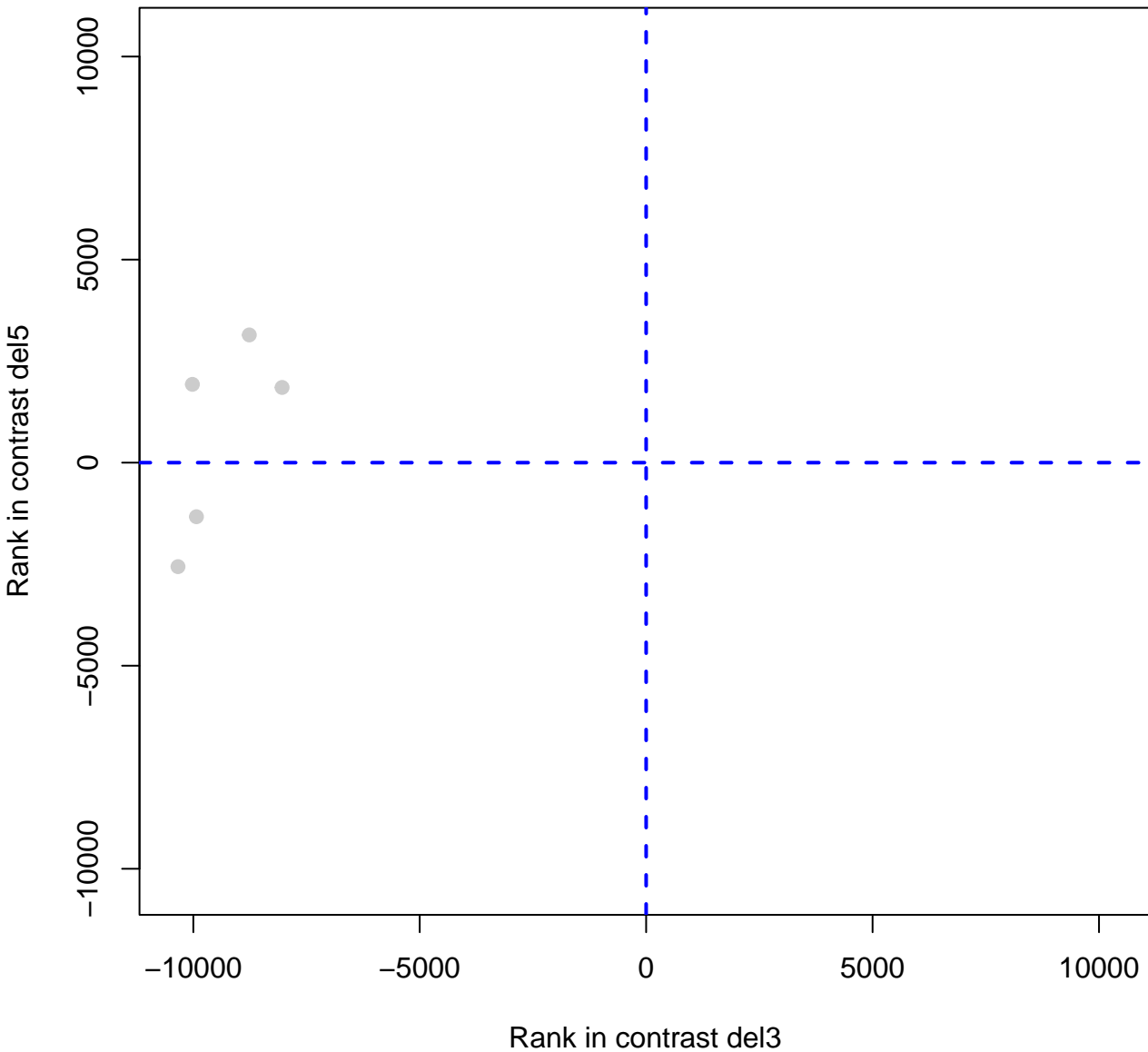
PS.calvin.cycle.rubisco.interacting



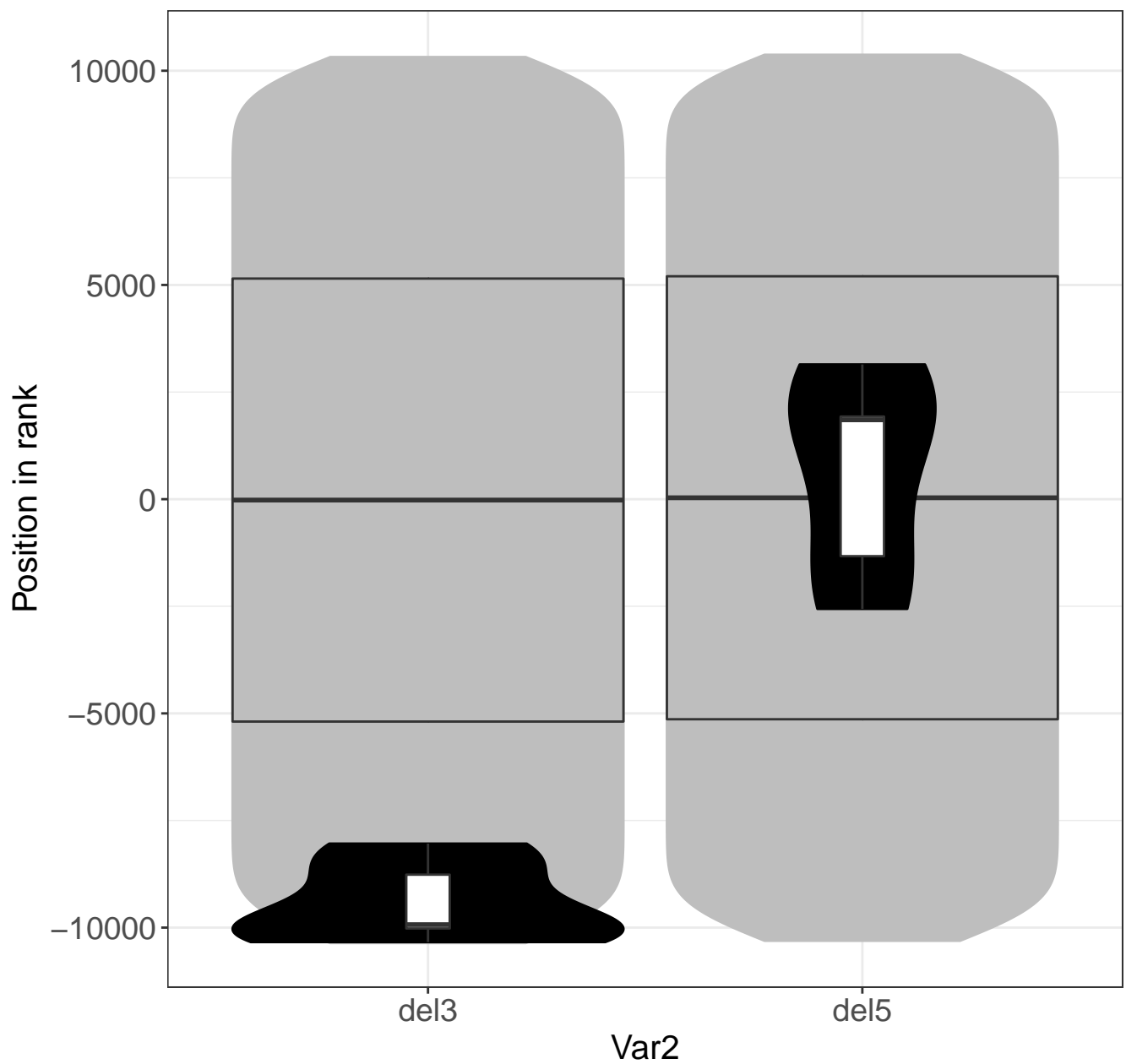
protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit



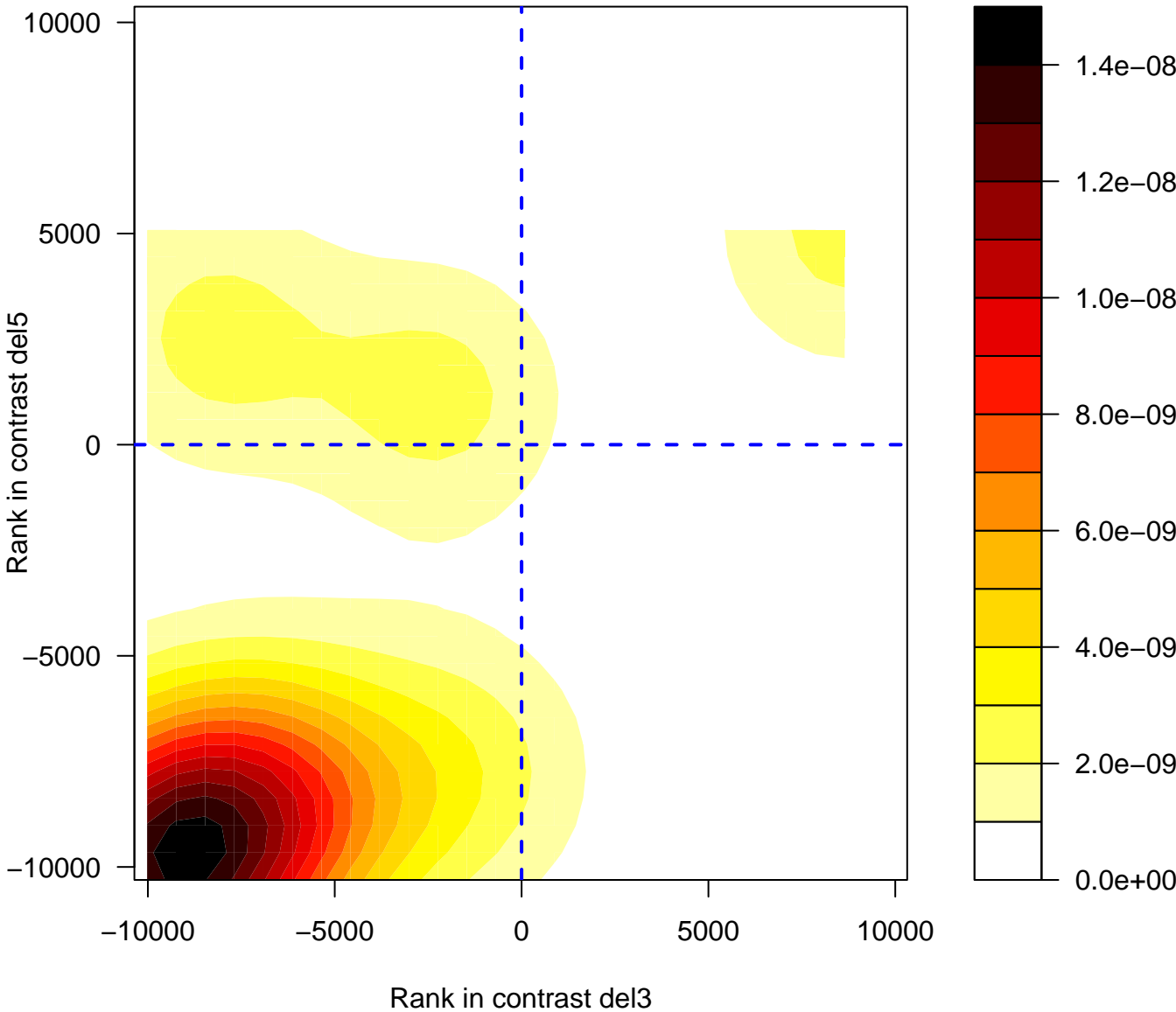
protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit.L41



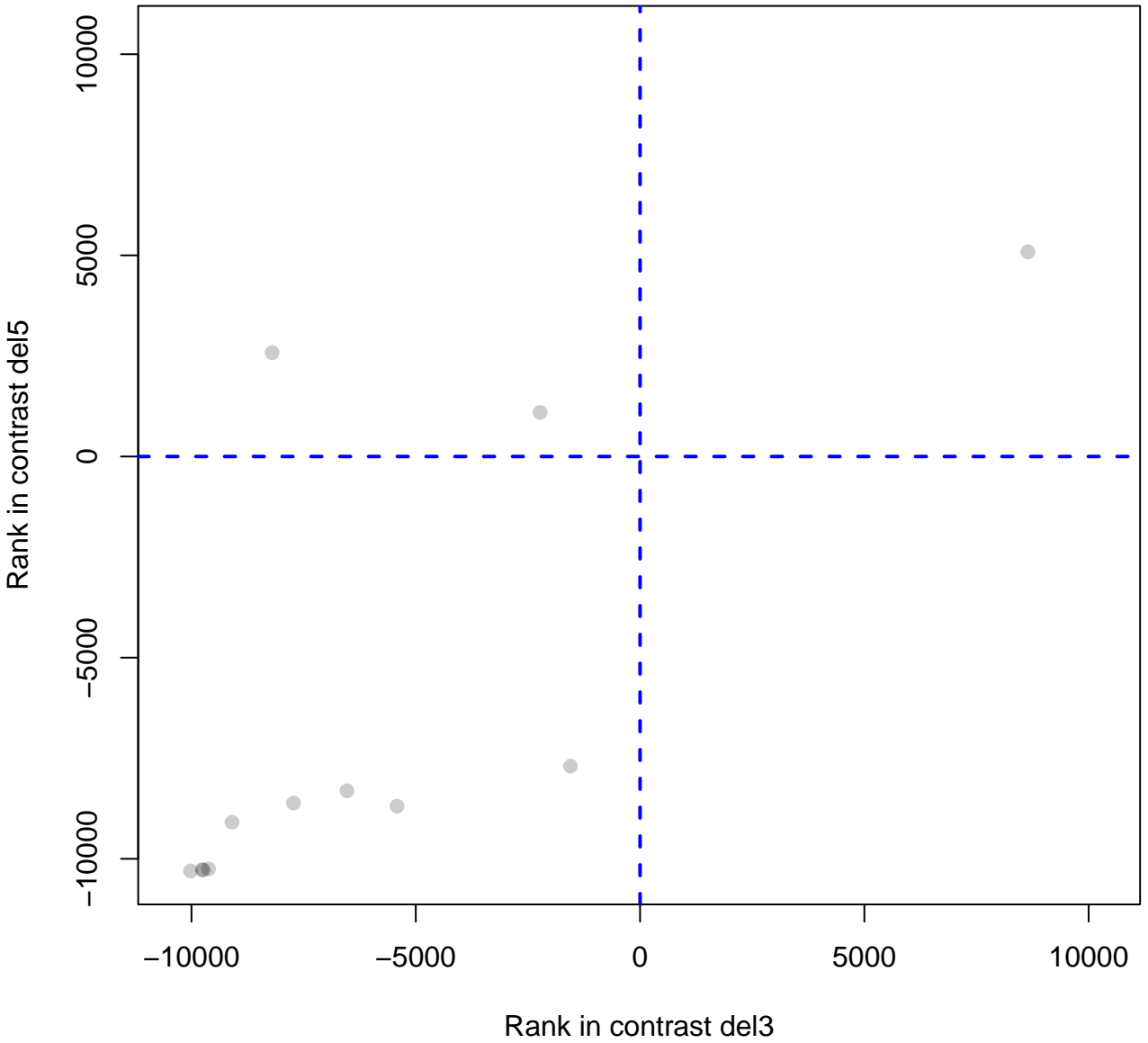
protein.synthesis.ribosomal.protein.eukaryotic.60



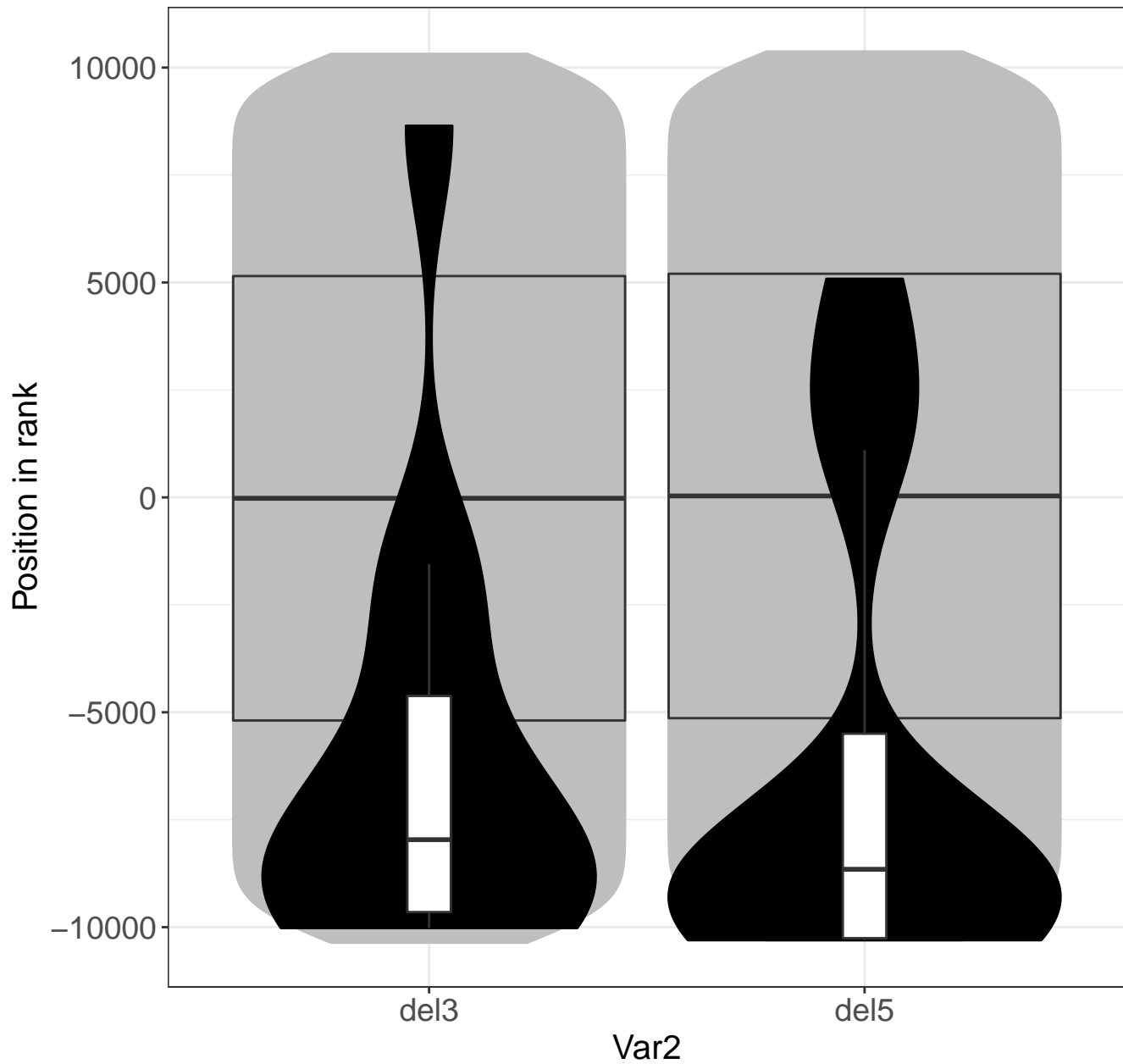
transport.sulphate



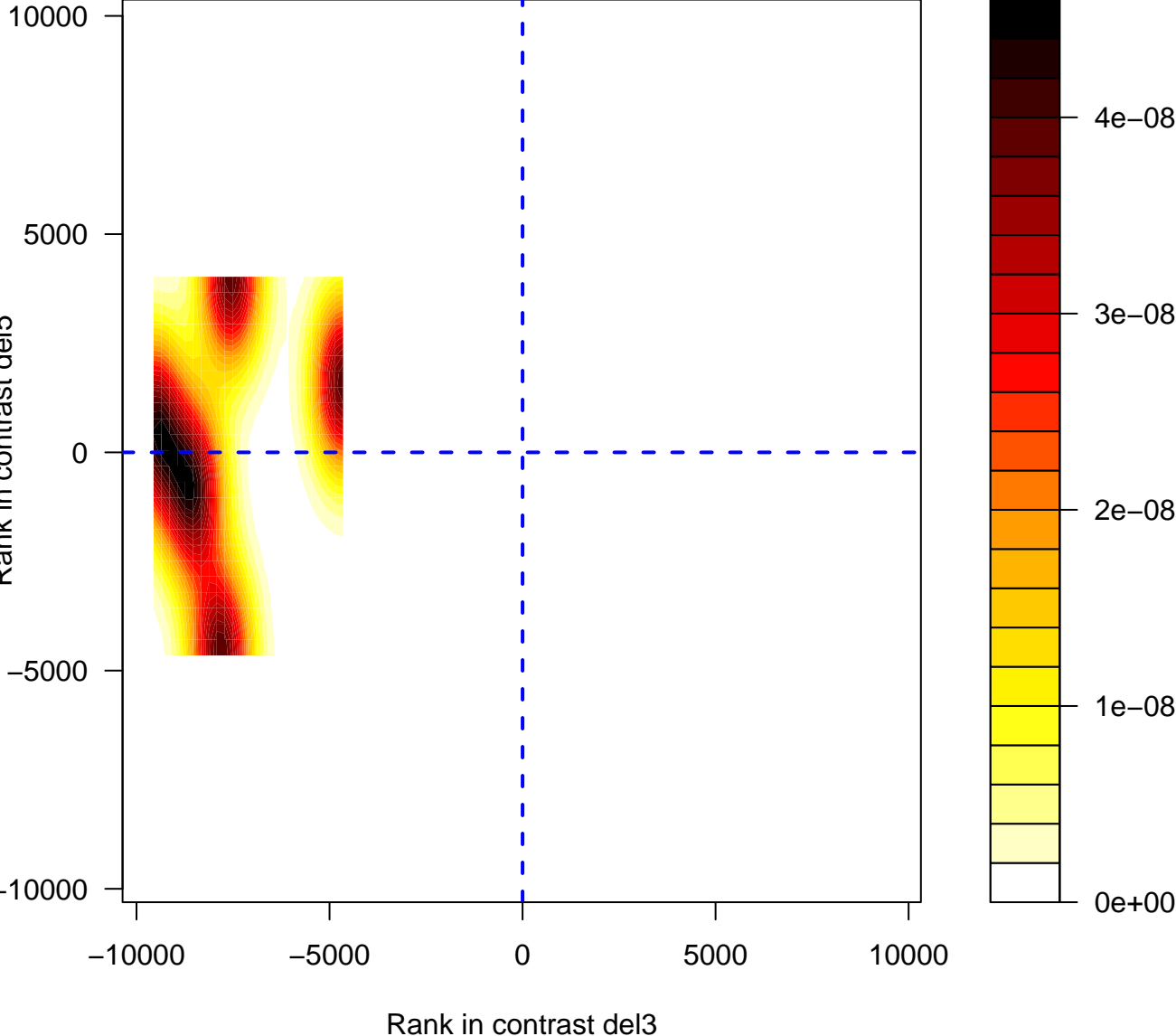
transport.sulphate



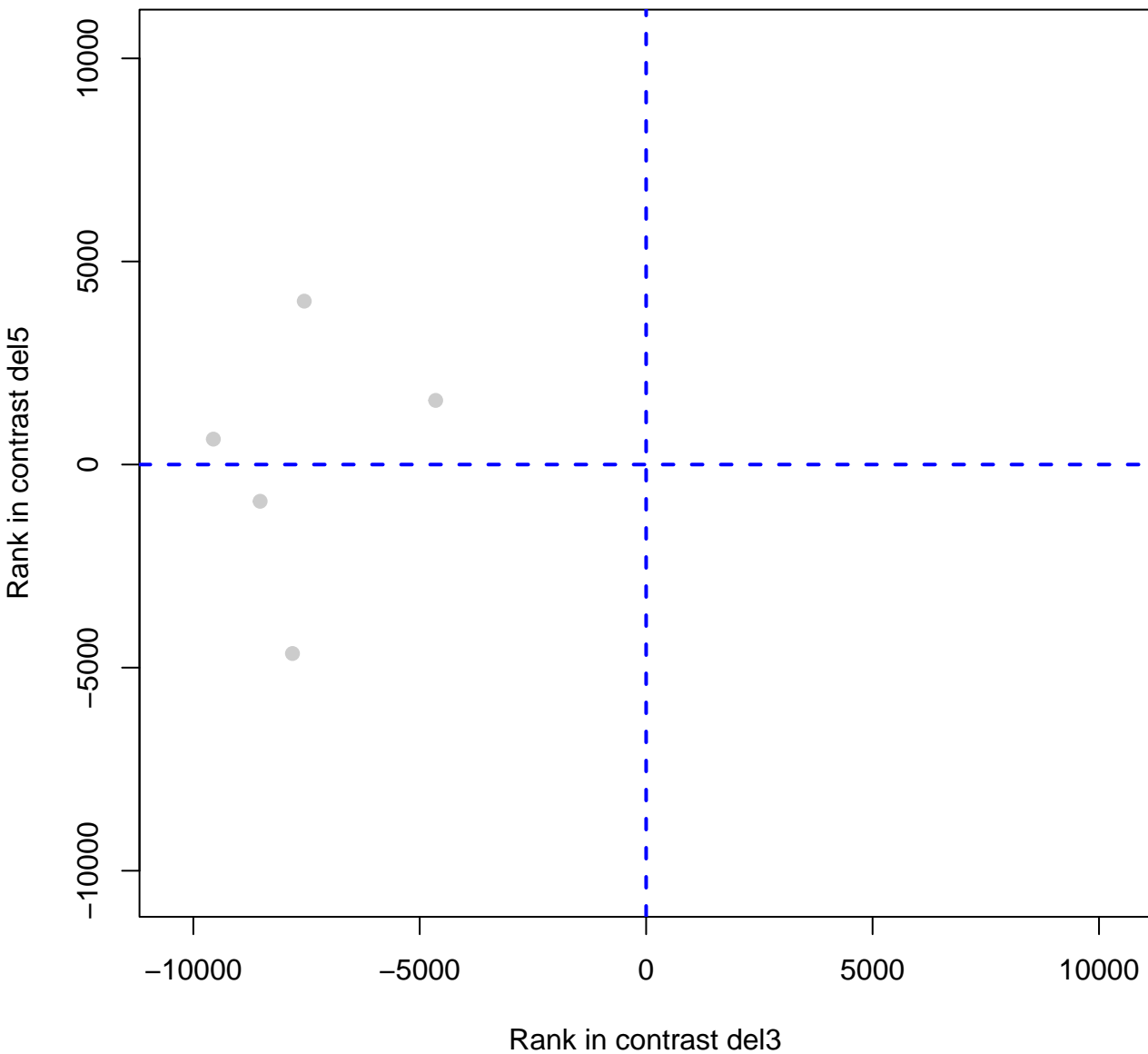
transport.sulphate



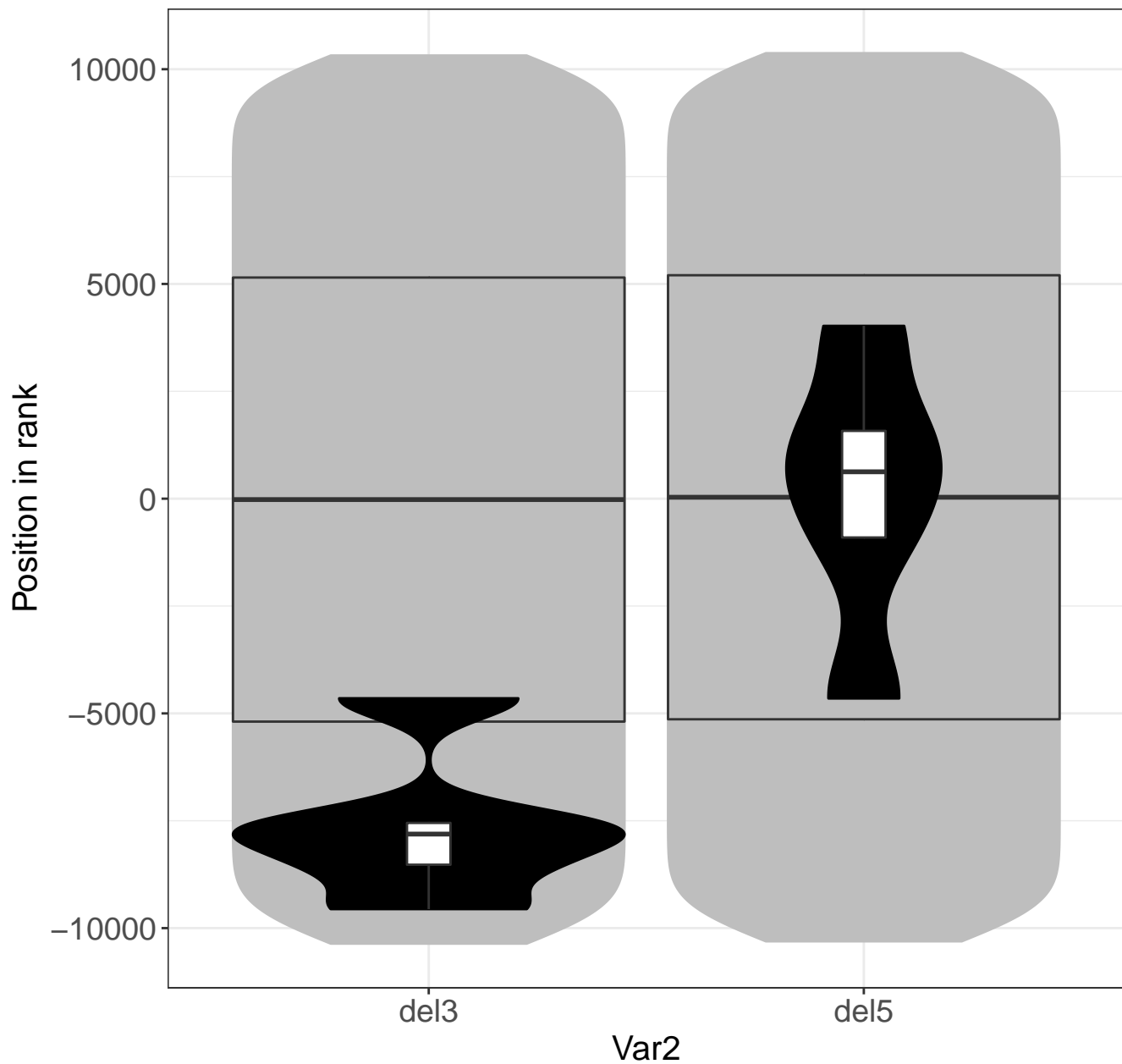
protein.synthesis.ribosomal.protein.eukaryotic.40S.subunit.



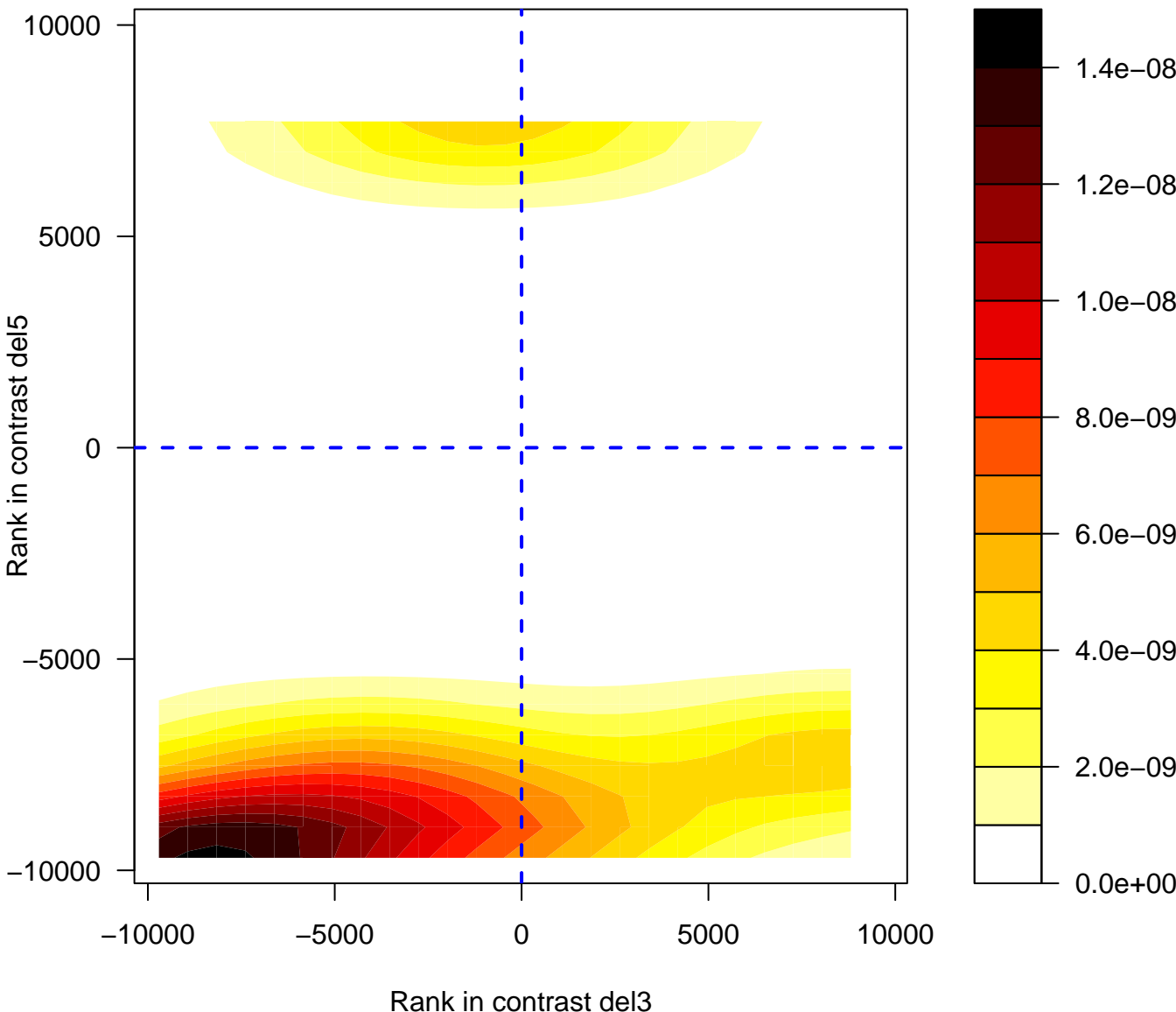
protein.synthesis.ribosomal.protein.eukaryotic.40S.subunit.S15A



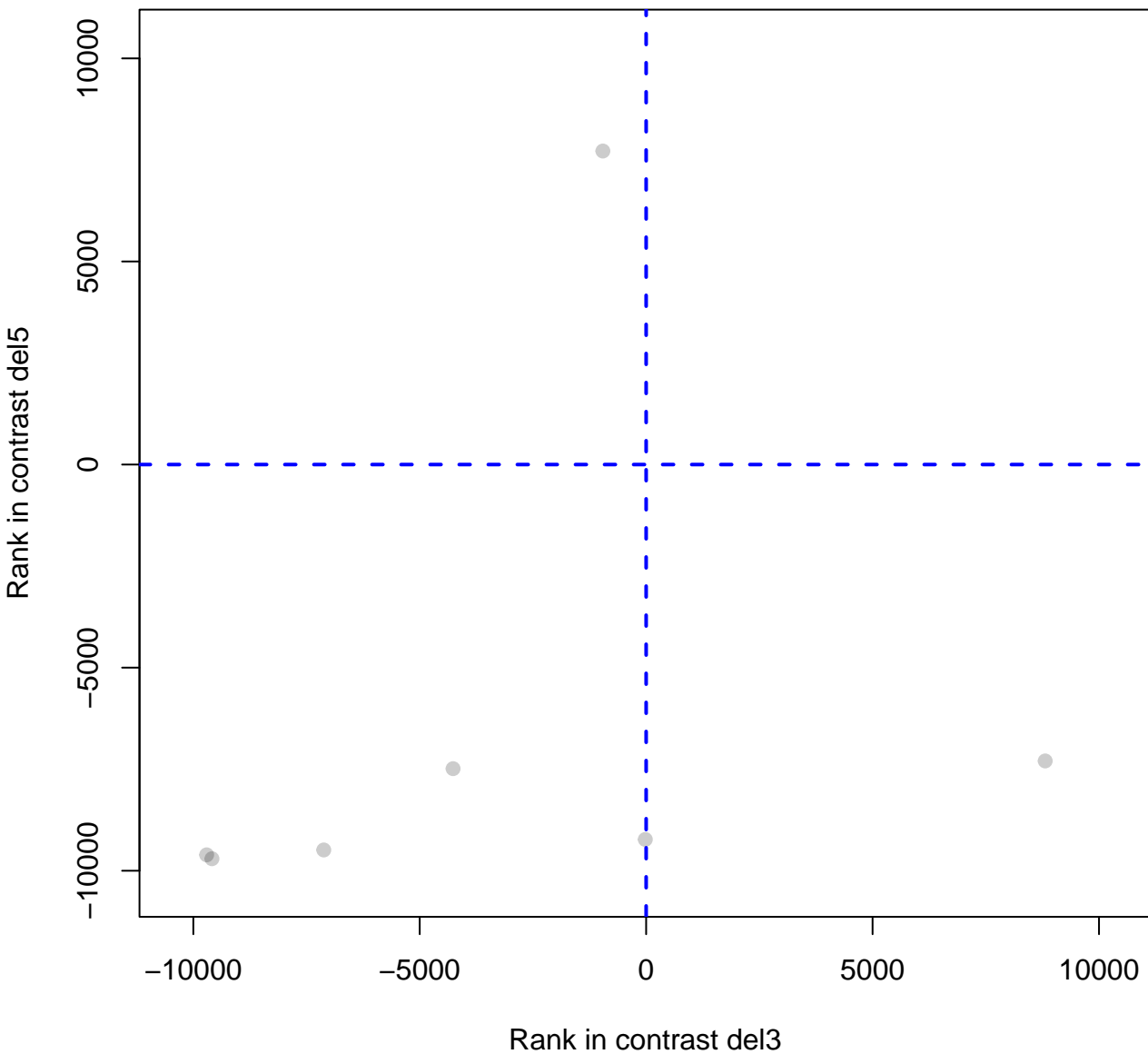
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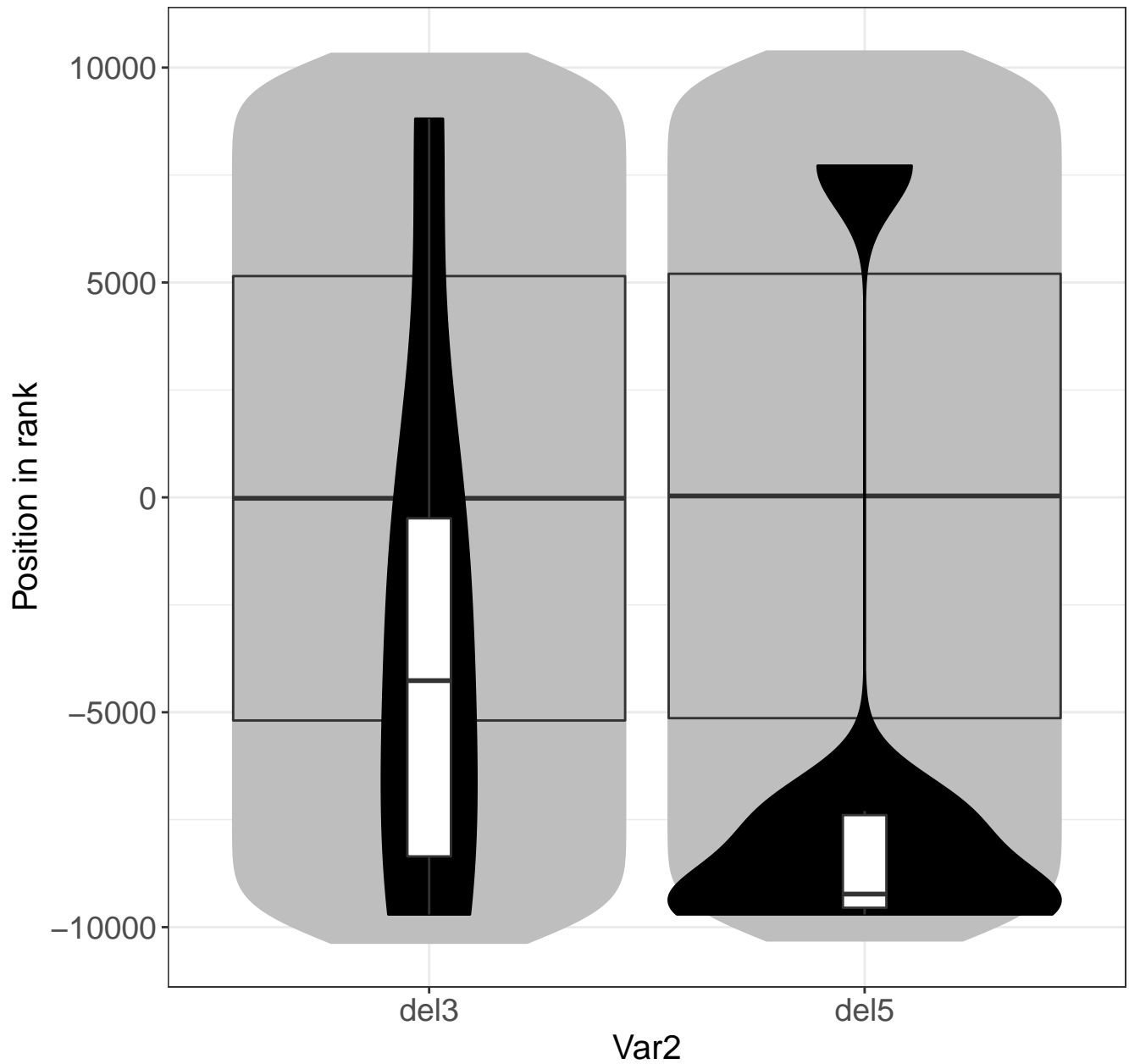
secondary.metabolism.flavonoids.isoflavones.isoflavone.red



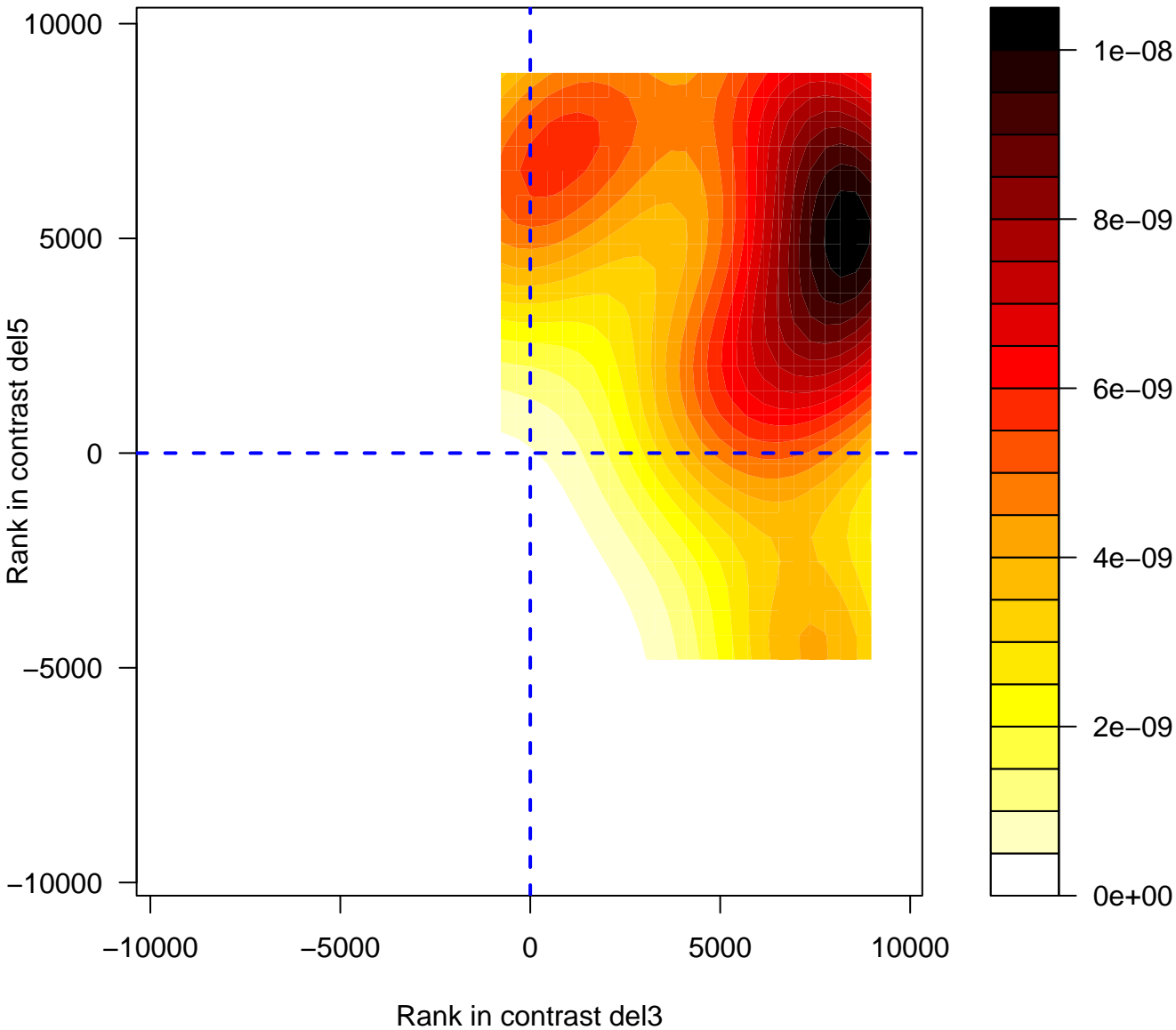
secondary.metabolism.flavonoids.isoflavones.isoflavone.reductase



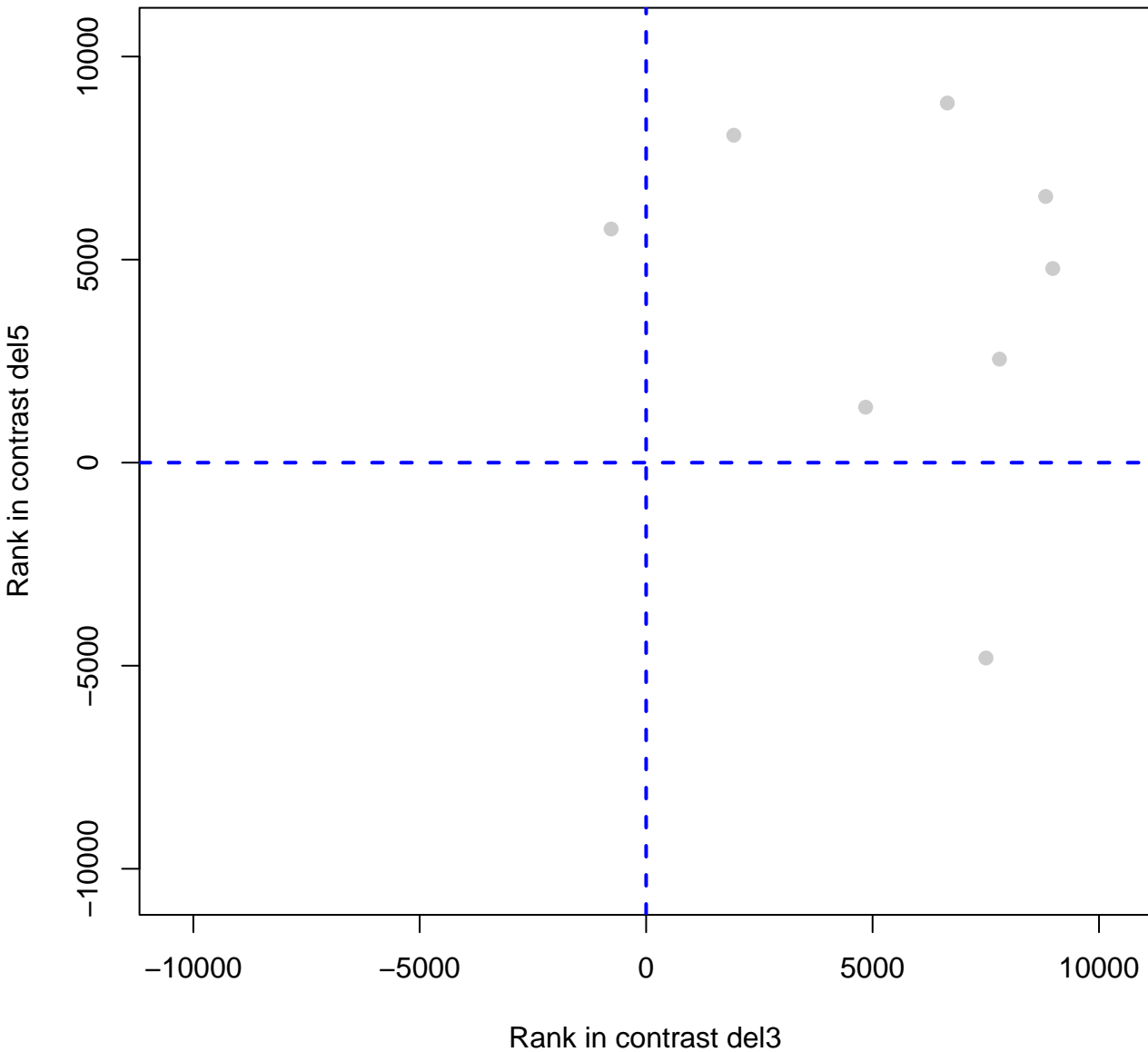
secondary.metabolism.flavonoids.iso



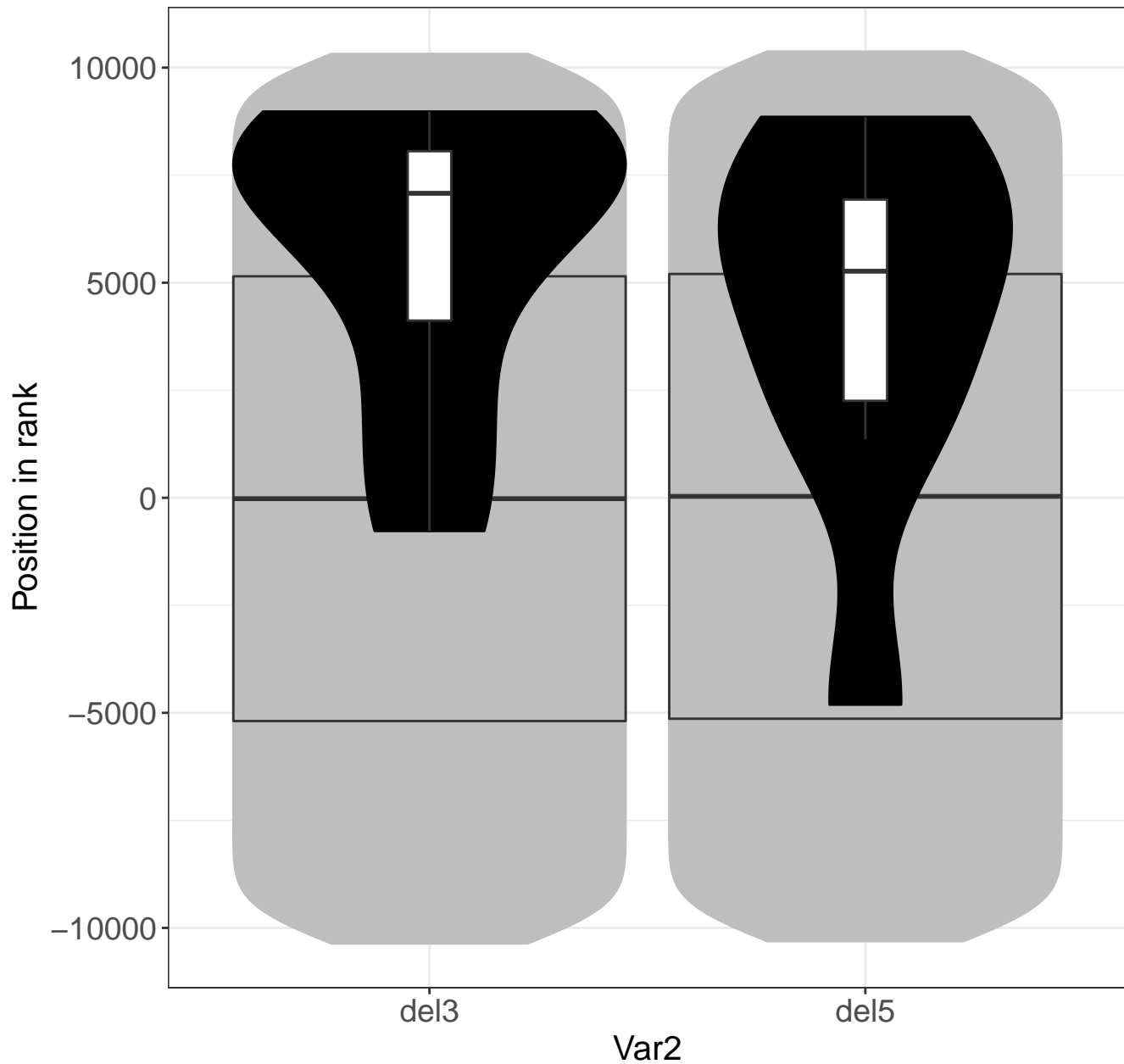
major.CHO.metabolism.synthesis.starch.AGPase



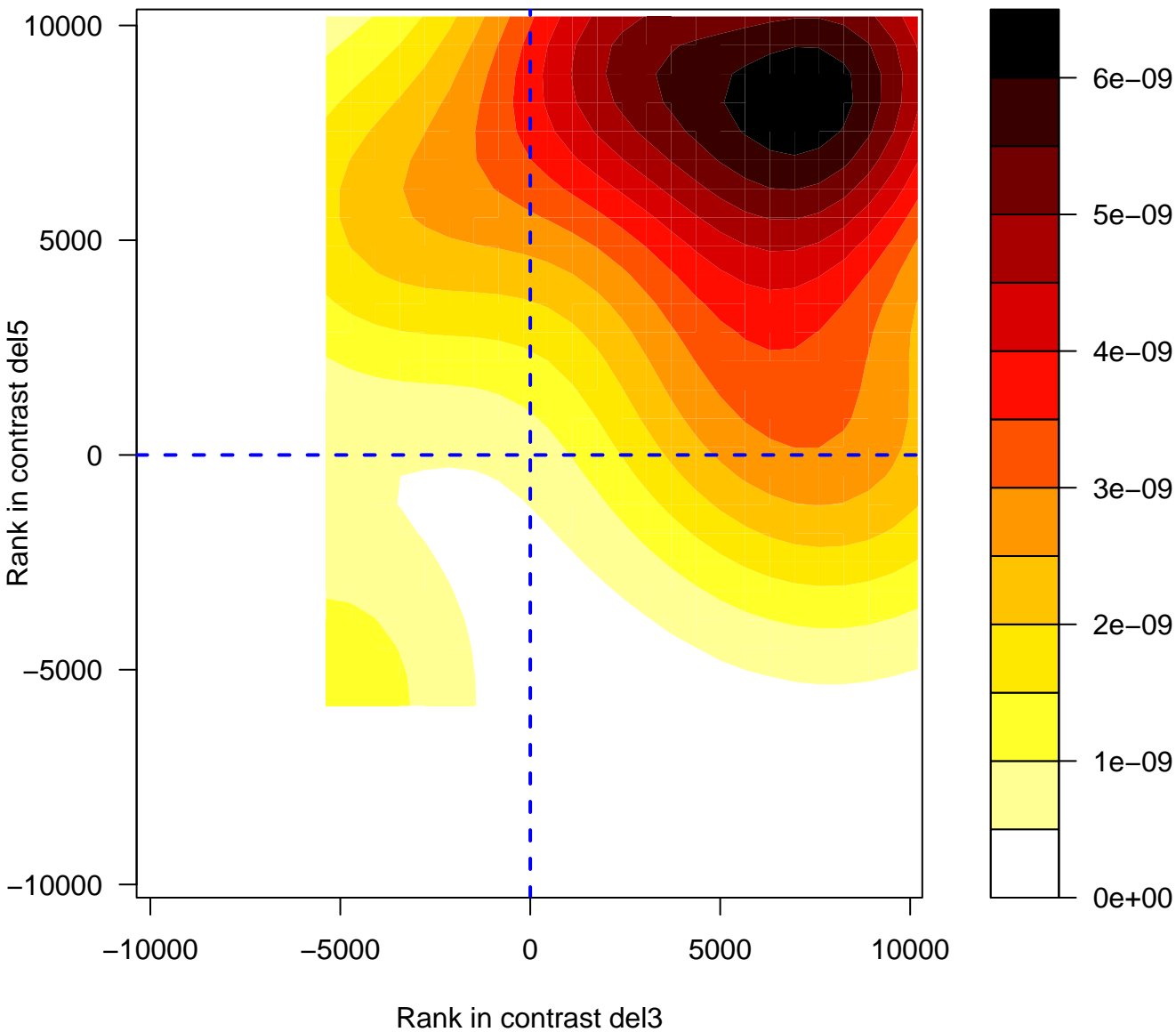
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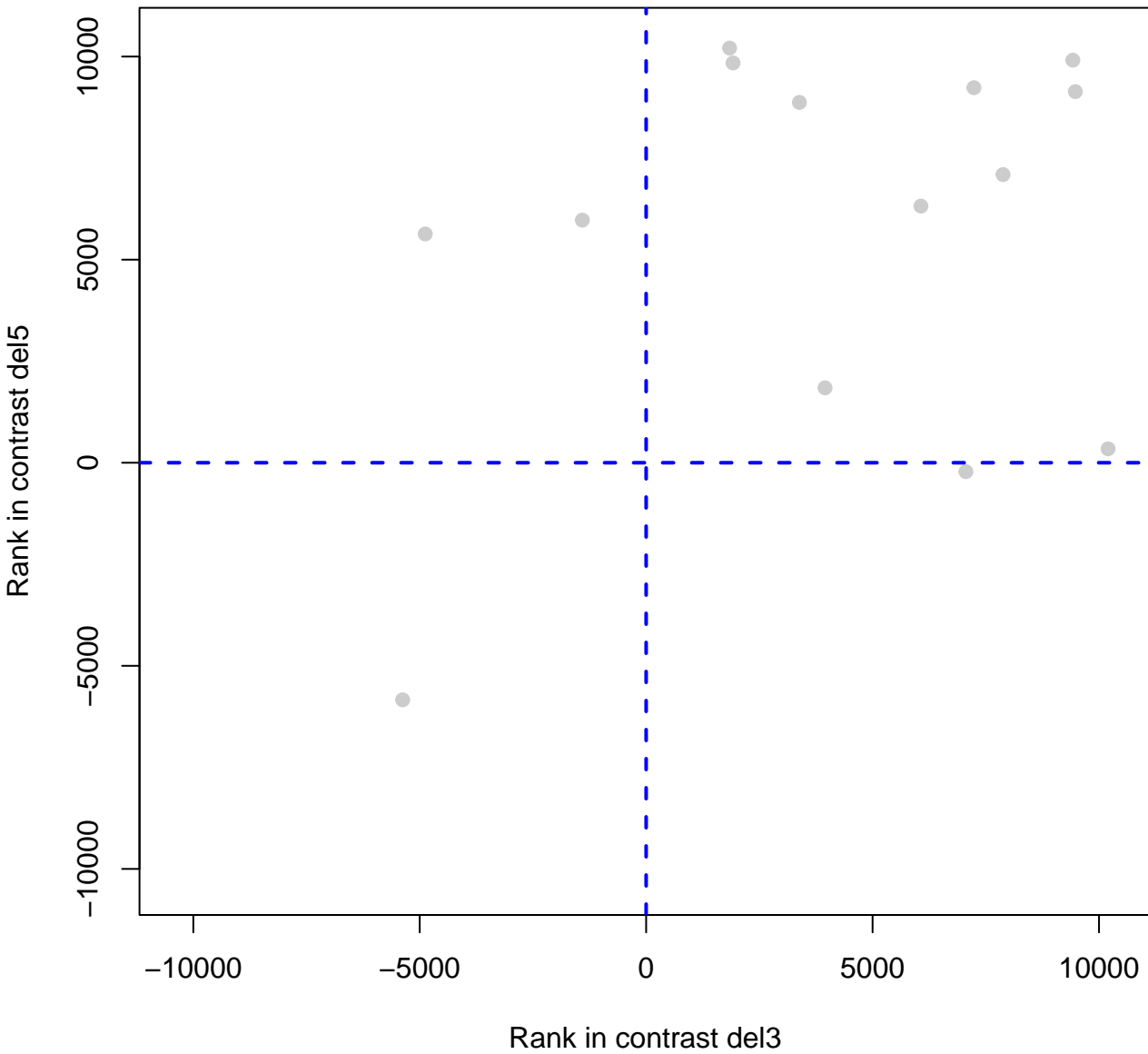
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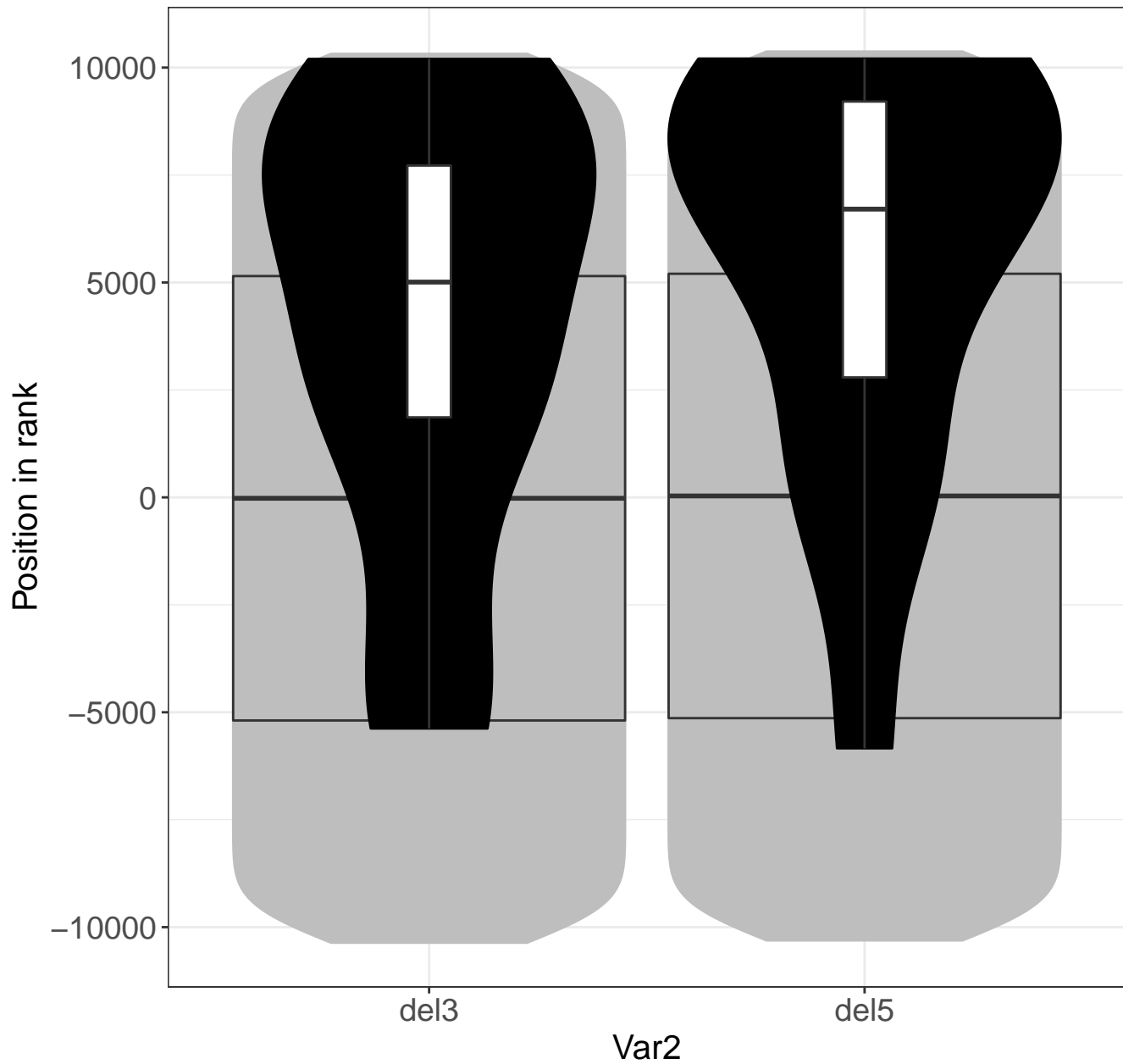
cell.wall.cellulose.synthesis



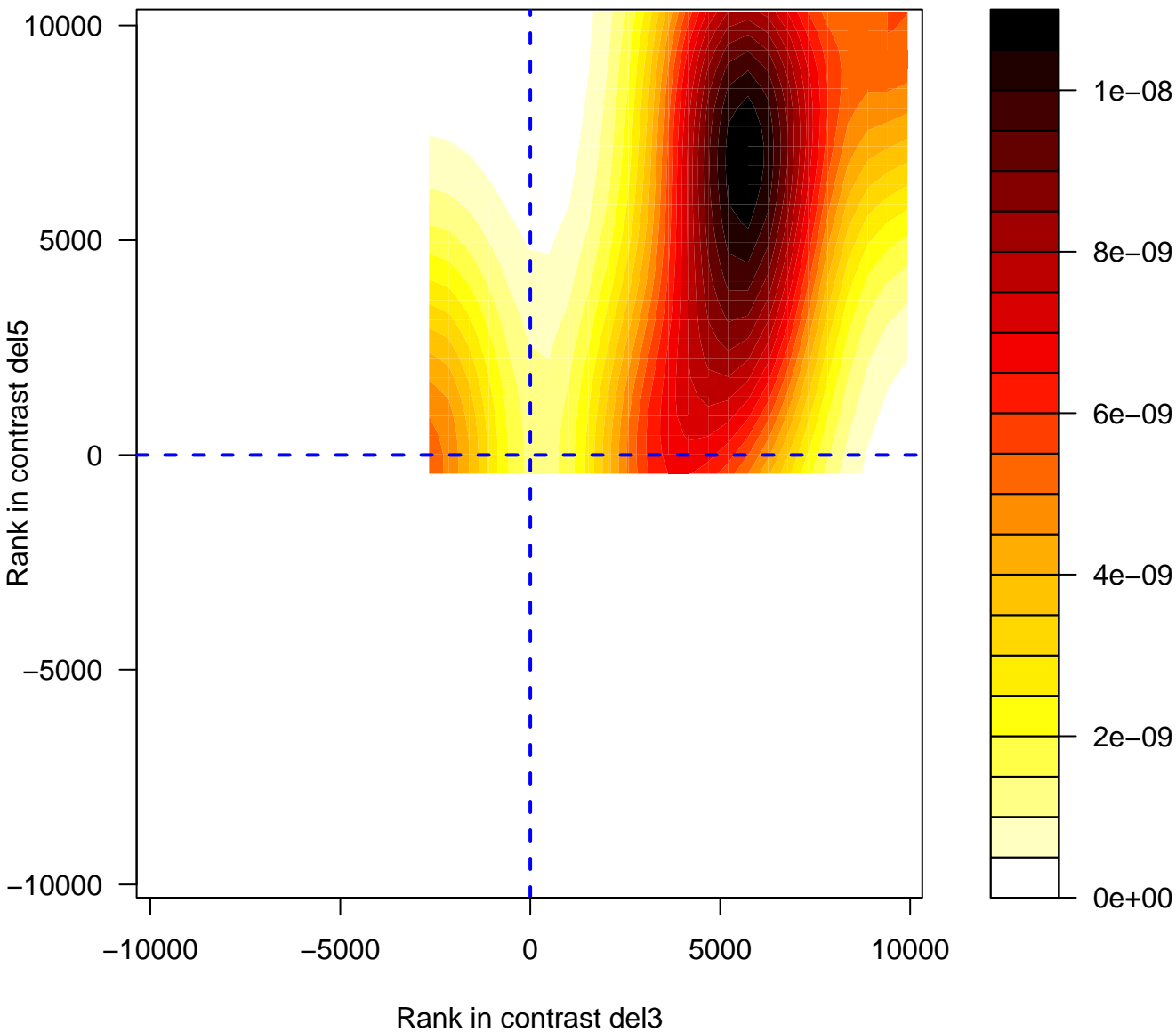
cell.wall.cellulose.synthesis



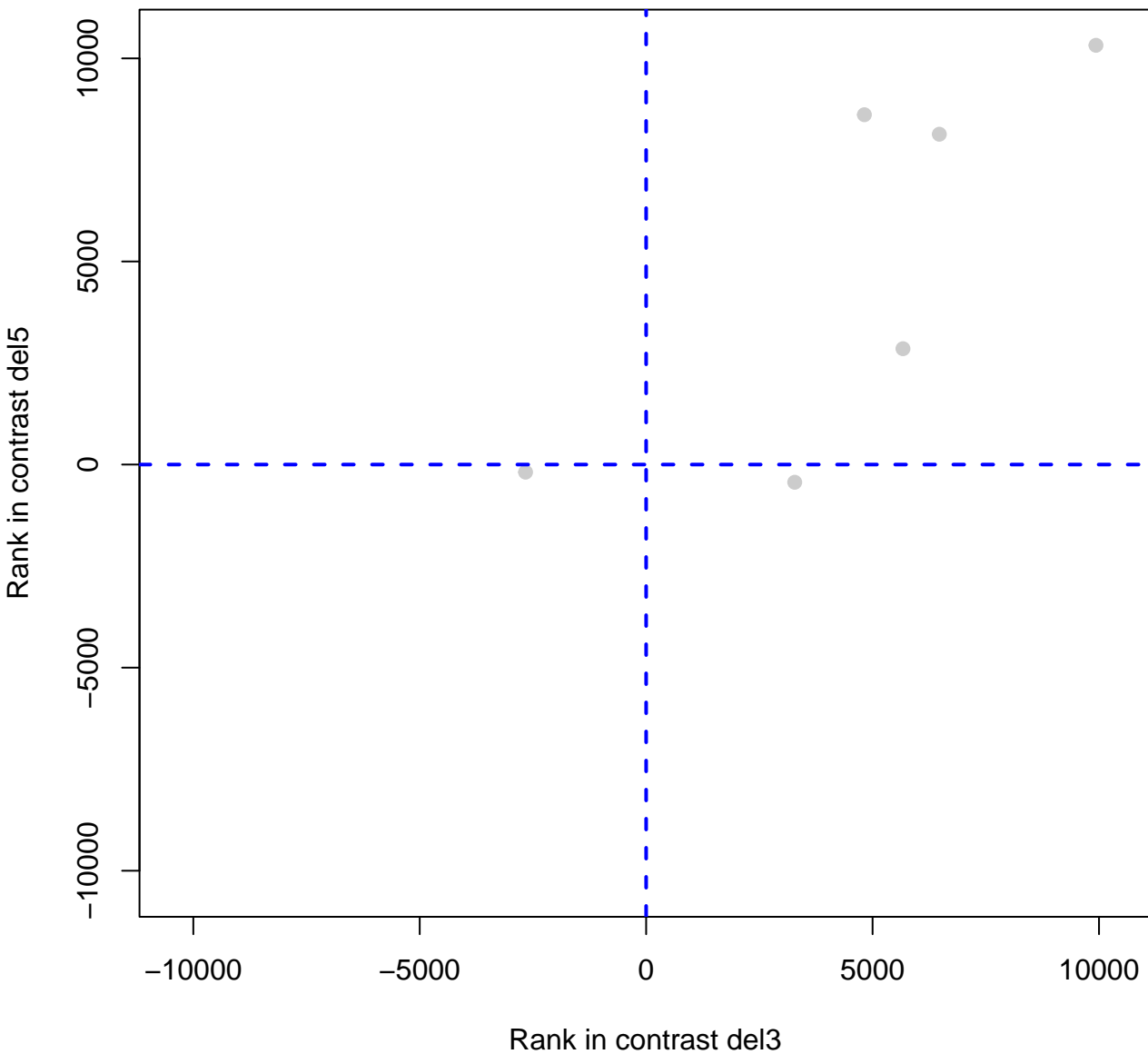
cell.wall.cellulose.synthesis



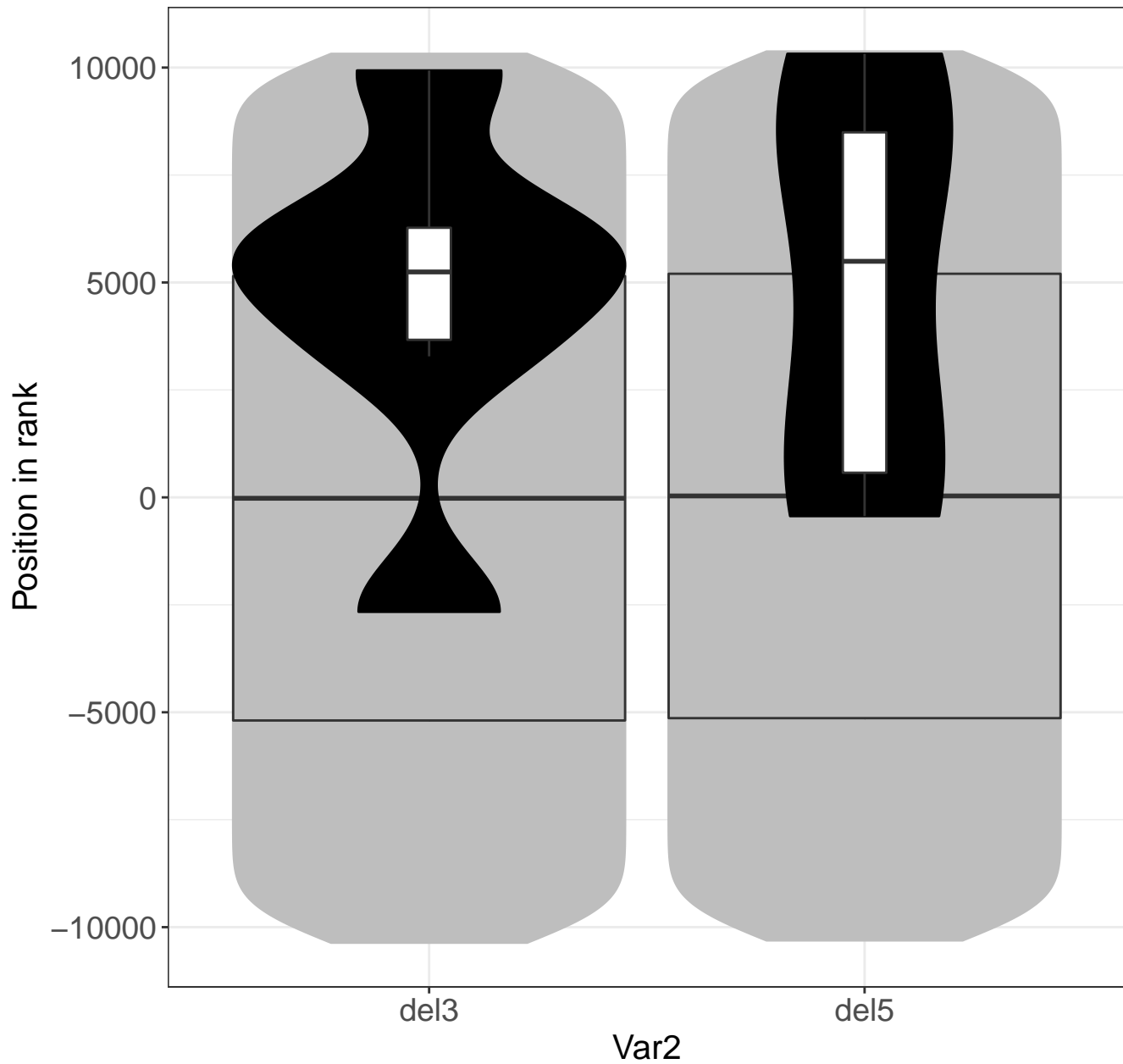
cell.wall.precursor.synthesis.GAE



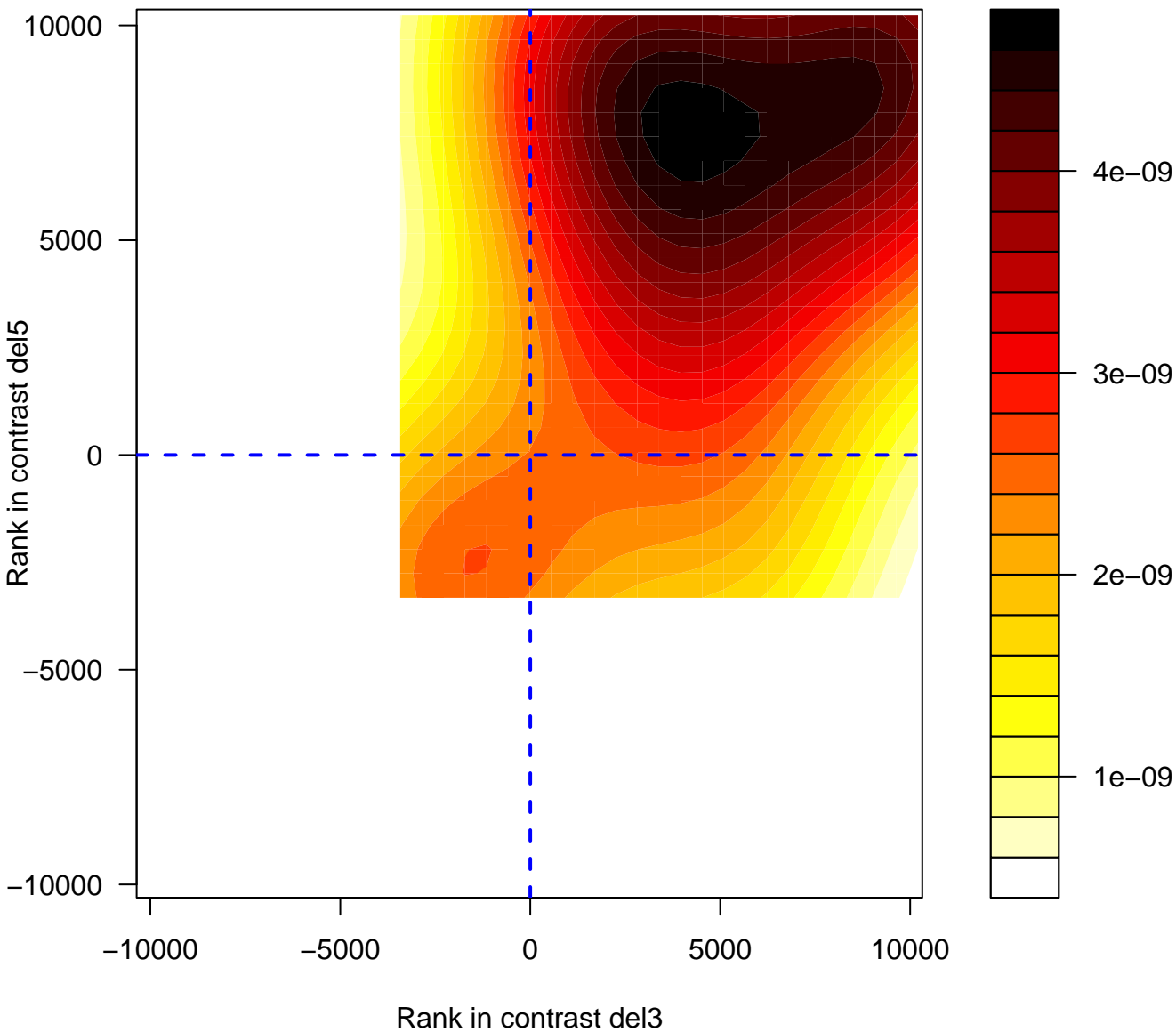
cell.wall.precursor.synthesis.GAE



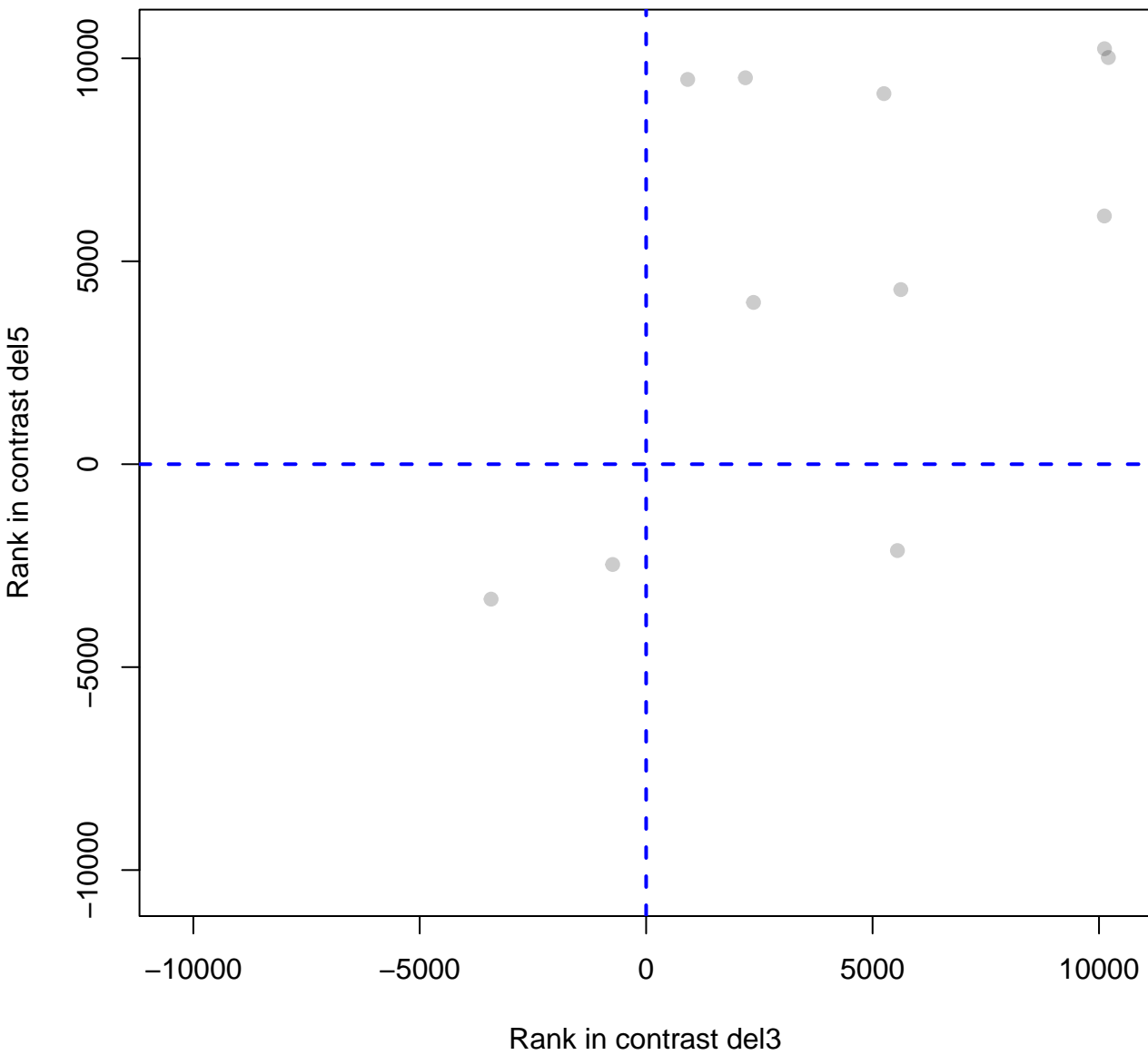
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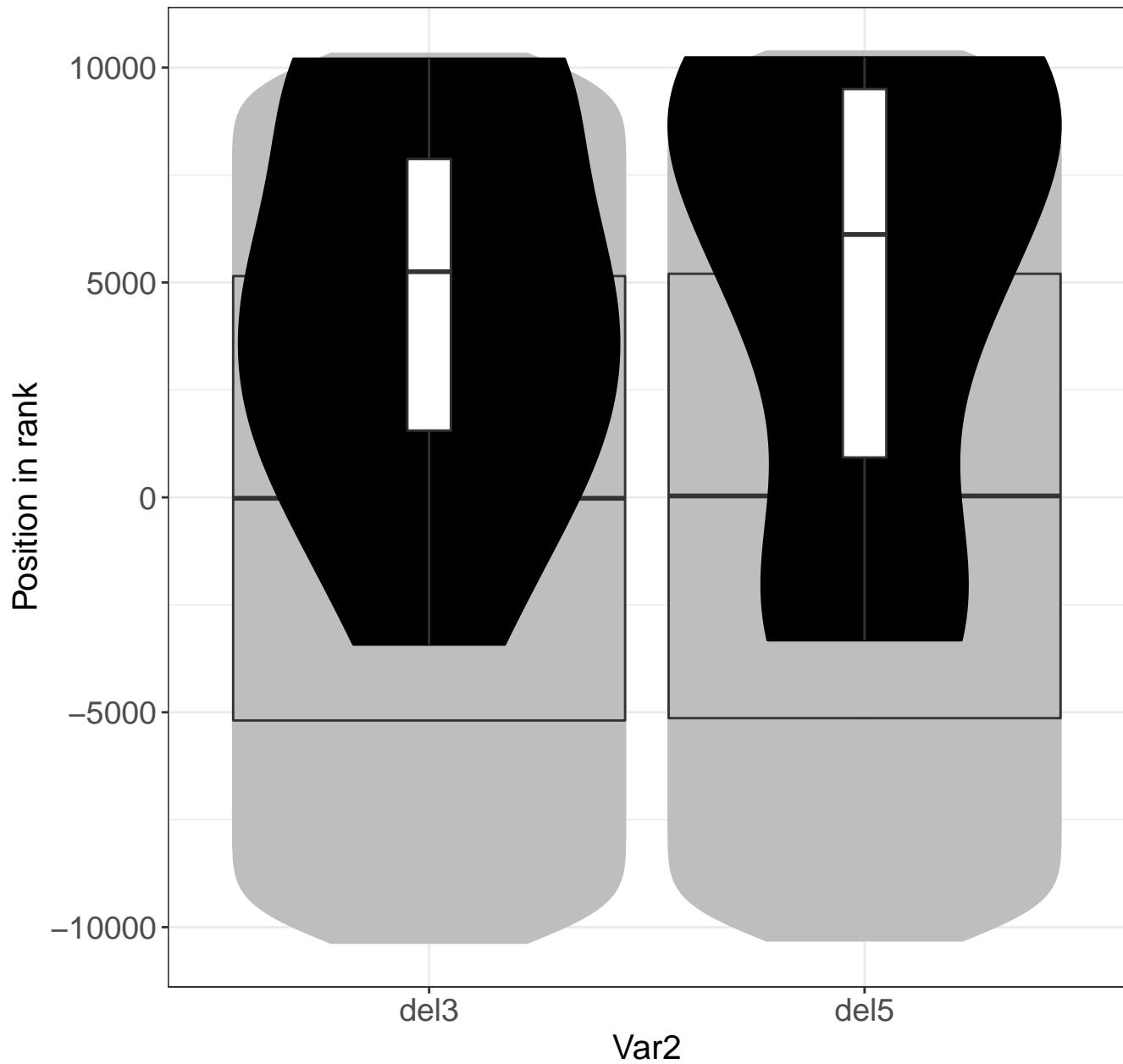
cell.wall.pectin.esterases.acetyl.esterase



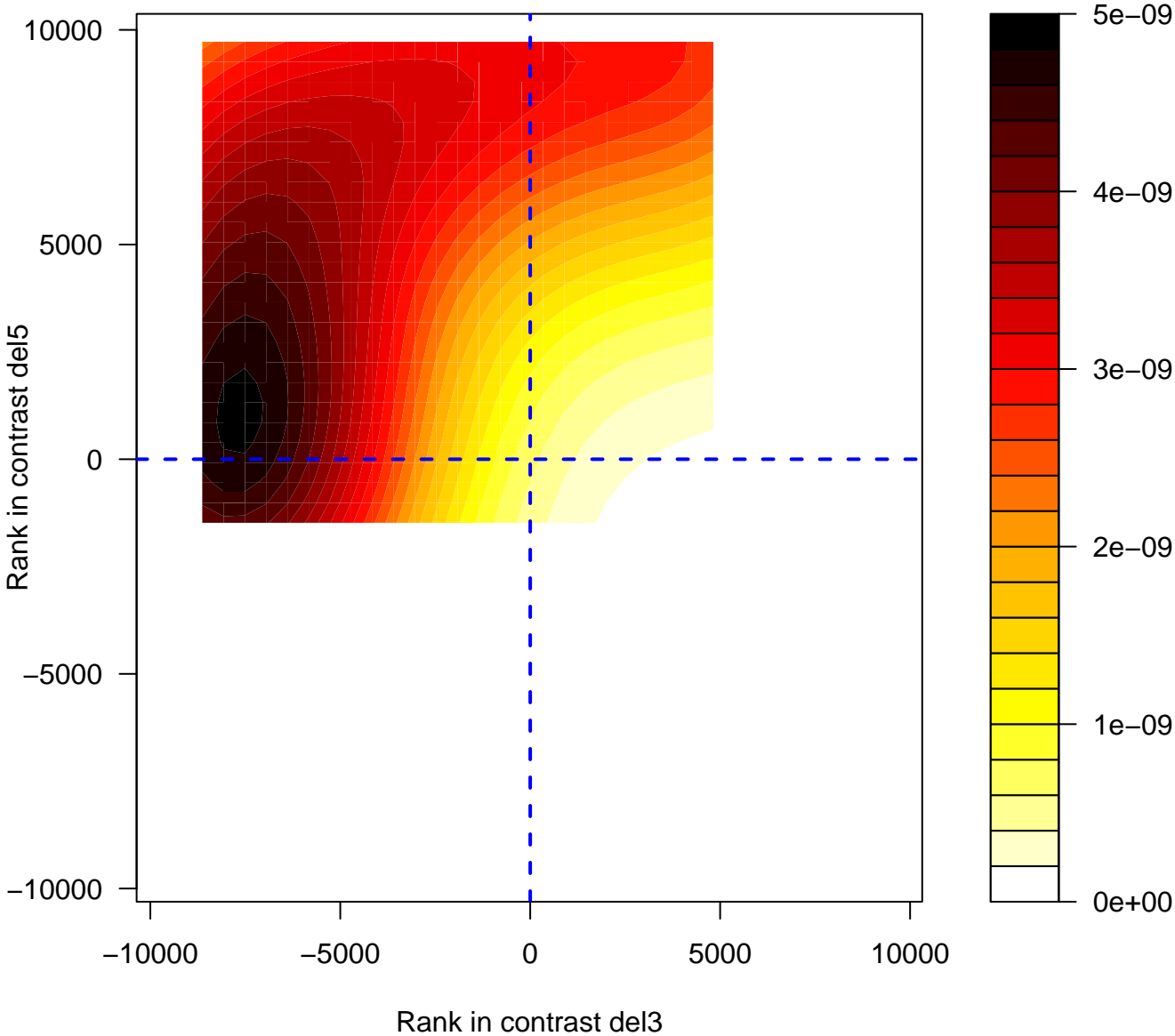
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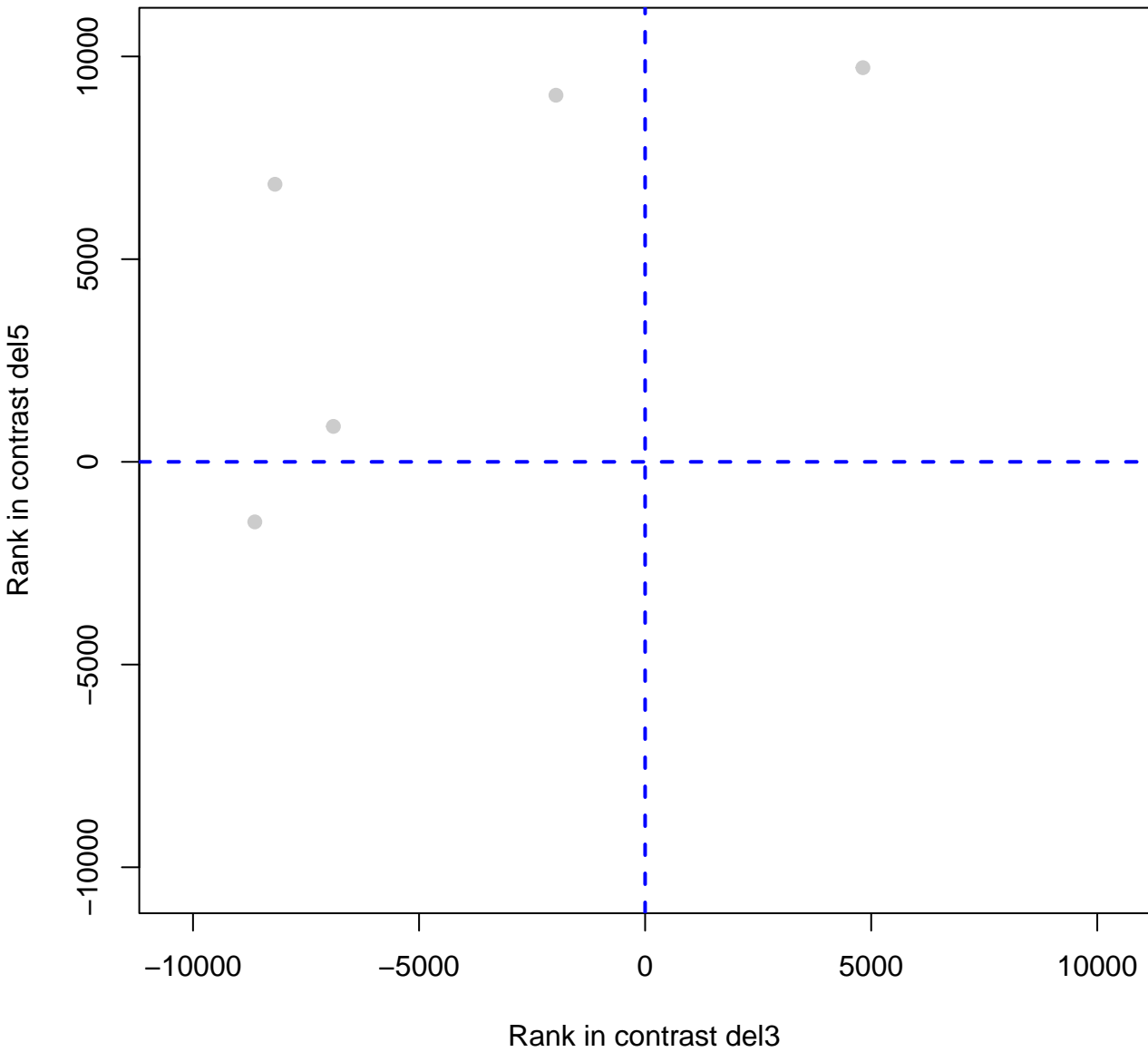
cell.wall.pectin.esterases.acetyl.esterase



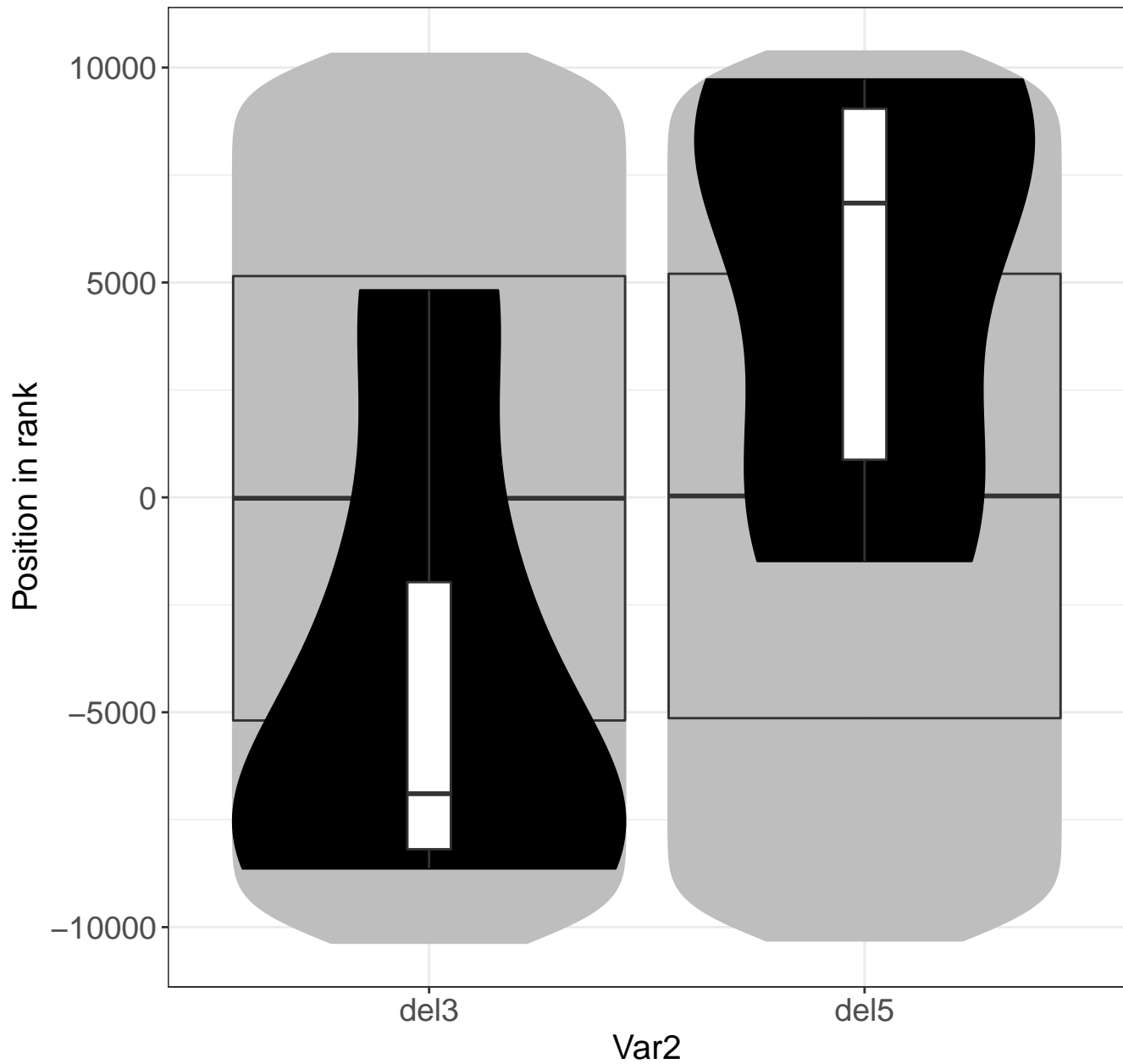
redox.peroxiredoxin



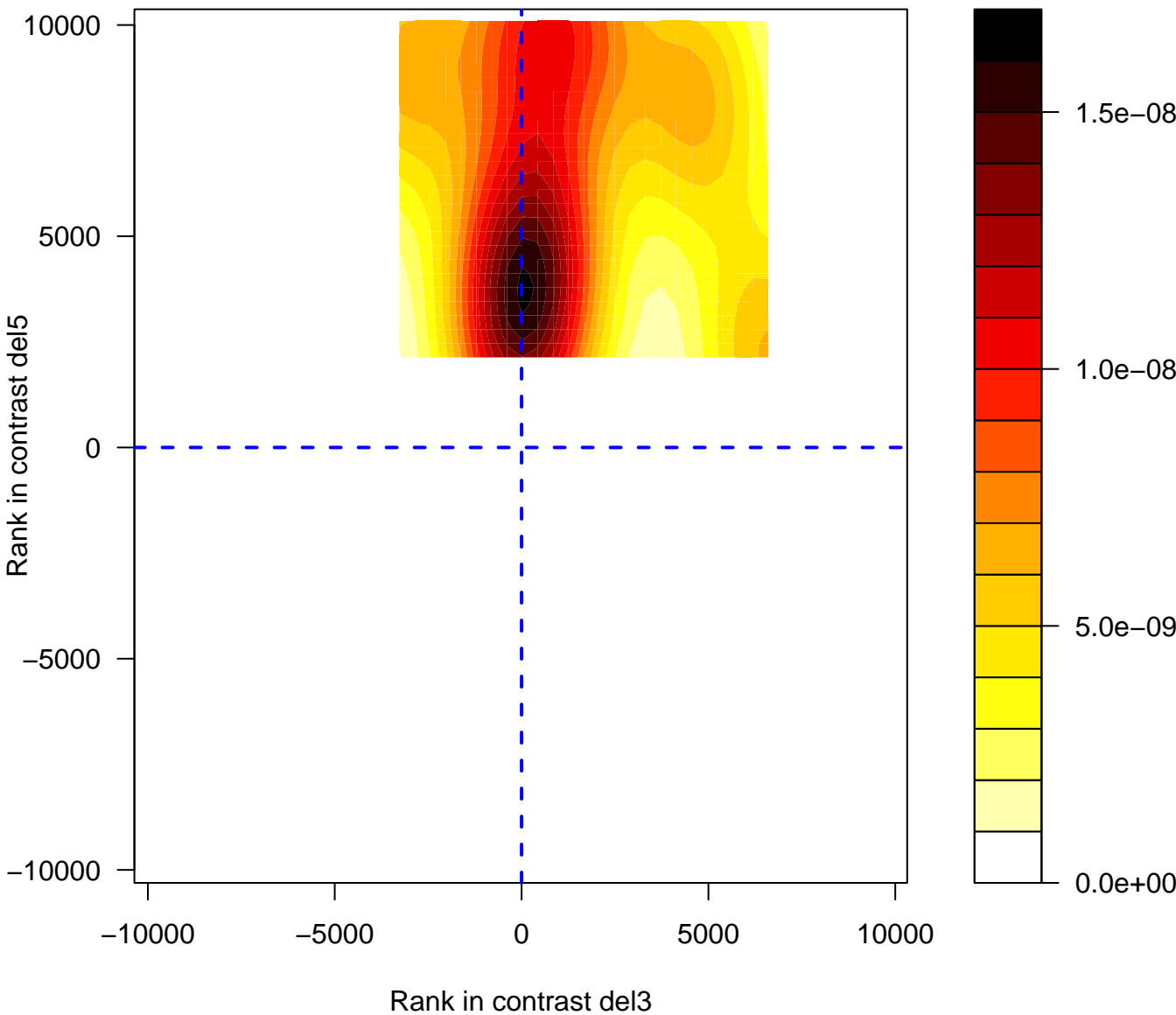
redox.peroxiredoxin



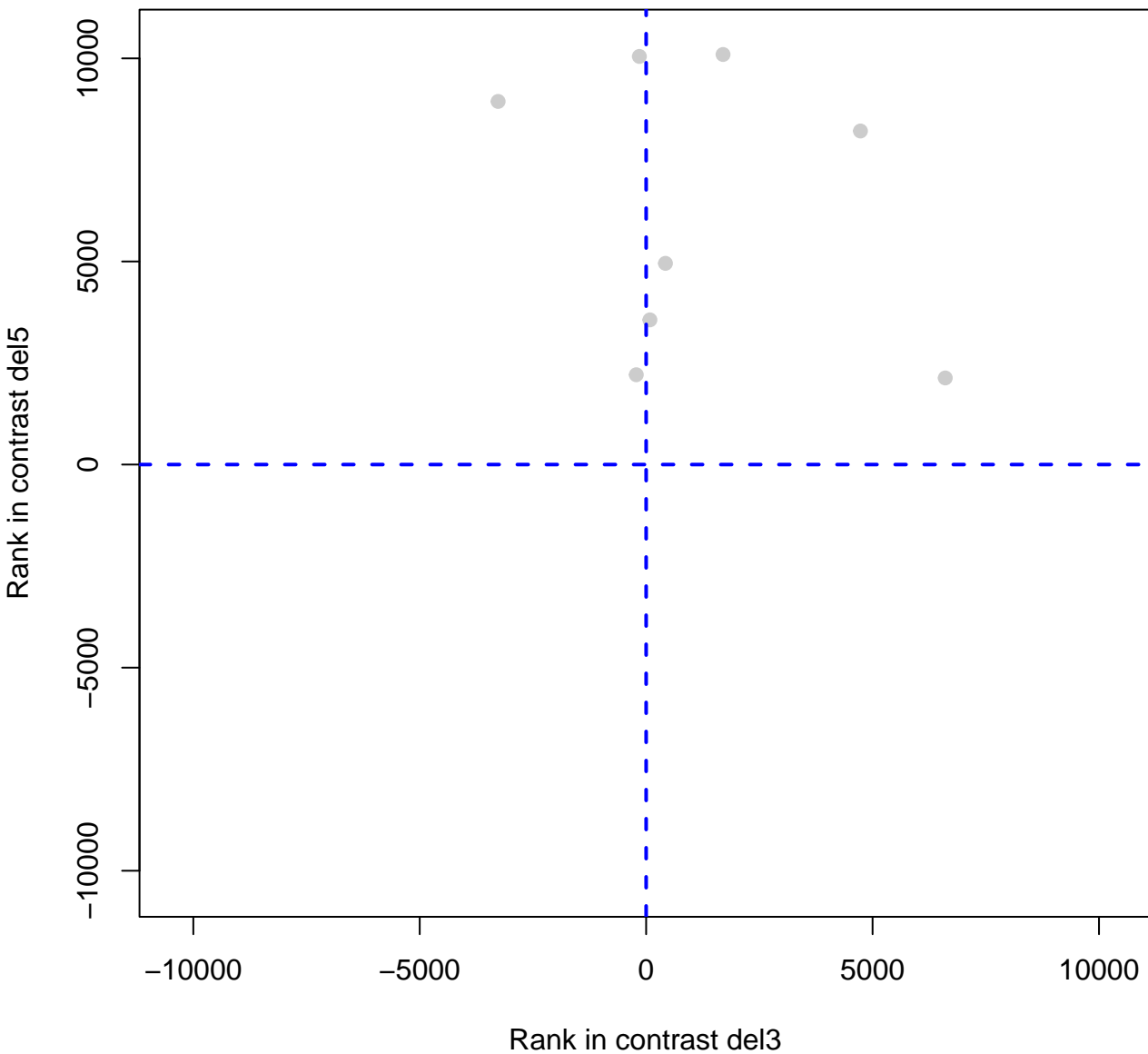
redox.peroxiredoxin



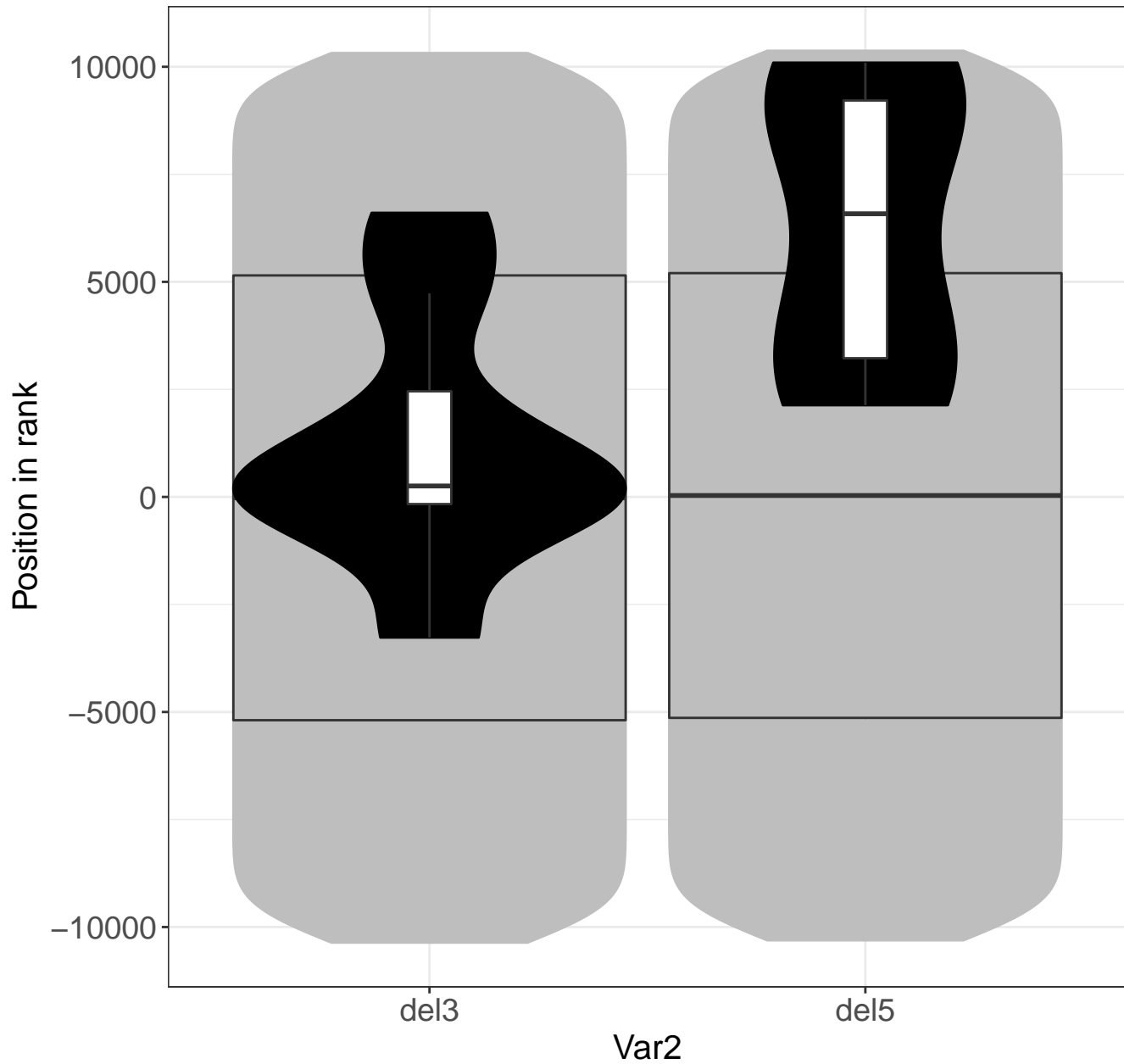
PS.lightreaction.photosystem.I.LHC.I



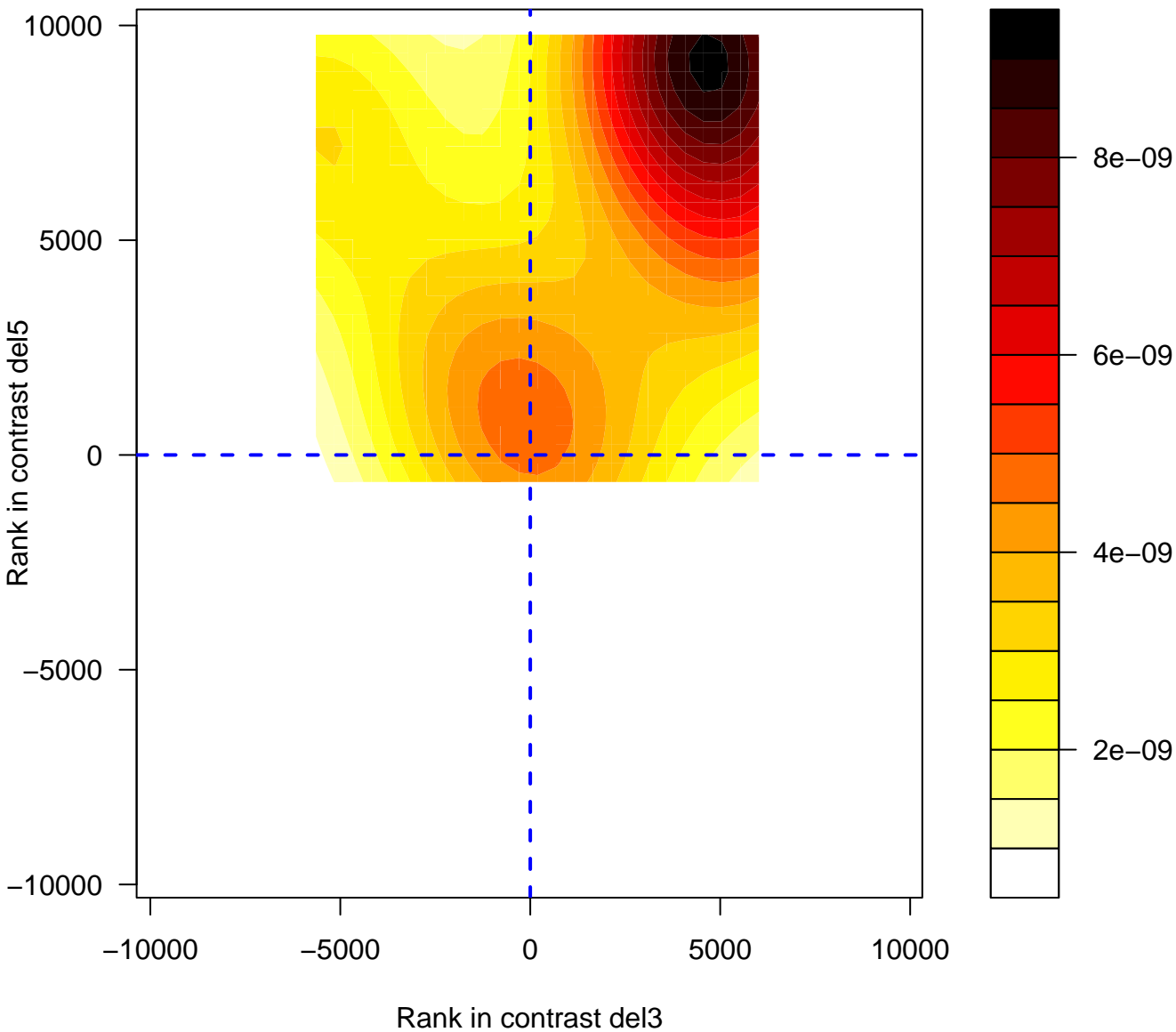
PS.lightreaction.photosystem.I.LHC.I



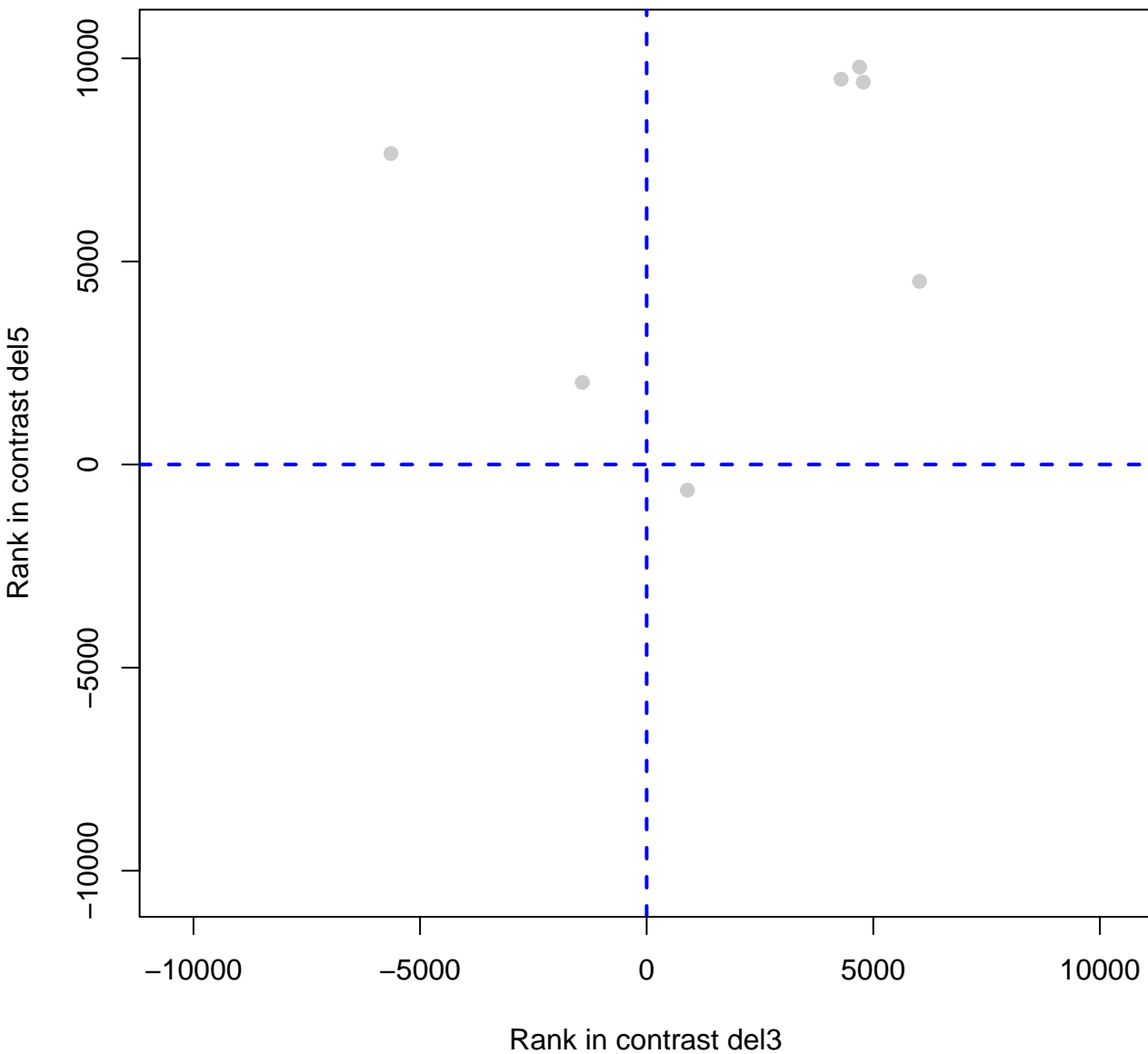
PS.lightreaction.photosystem.I.LHC.I



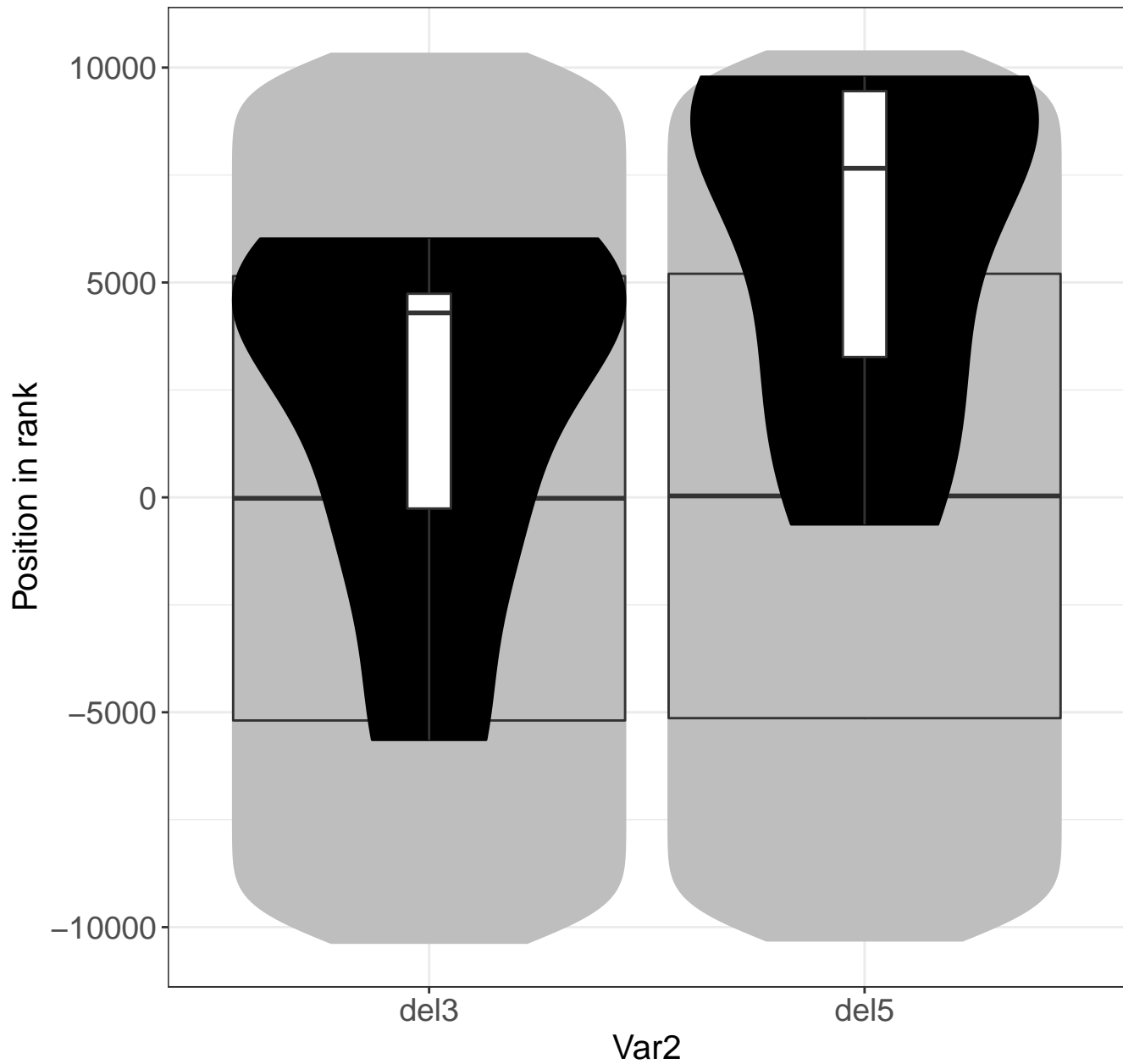
major.CHO.metabolism.degradation.sucrose.fructokinas



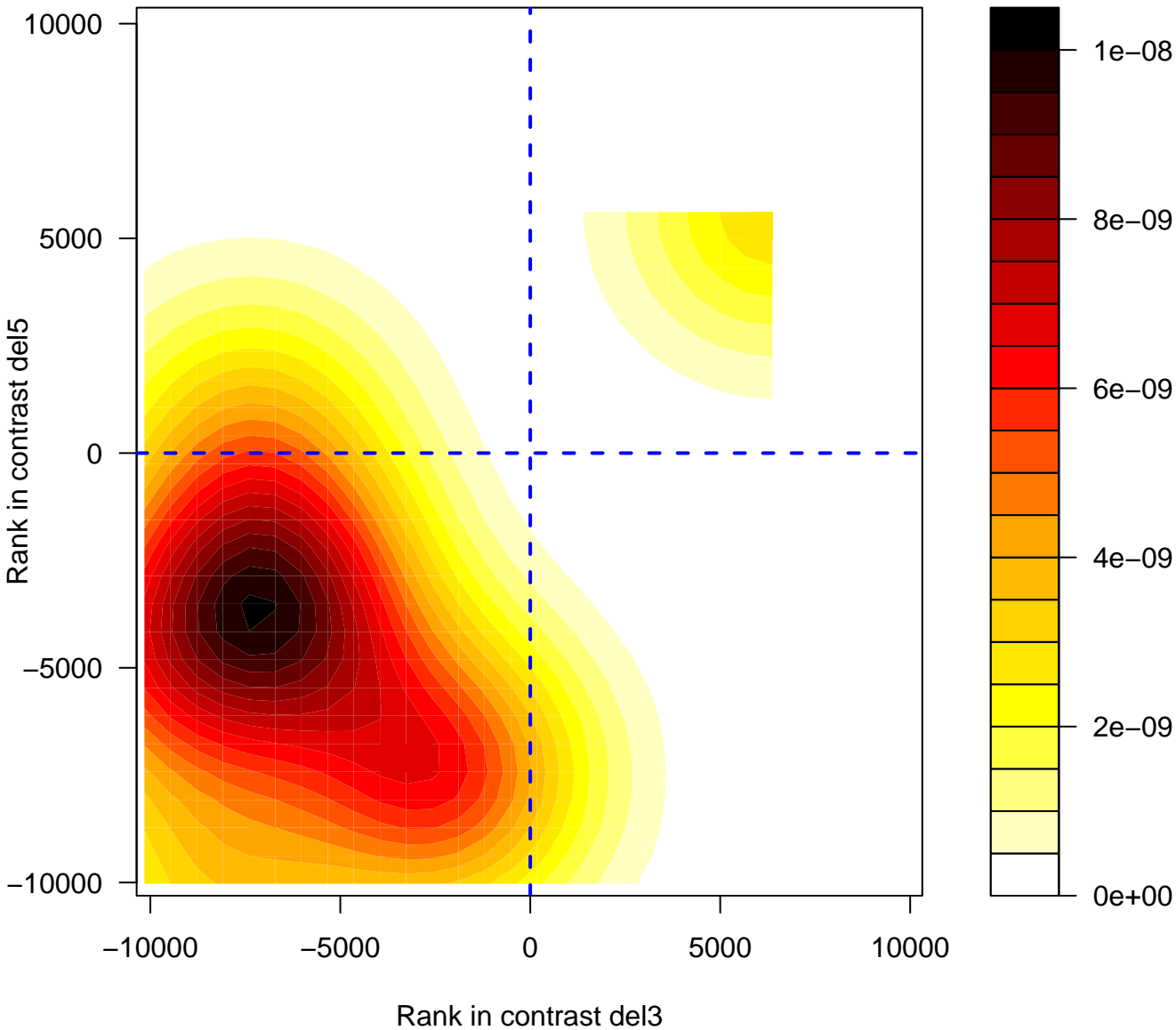
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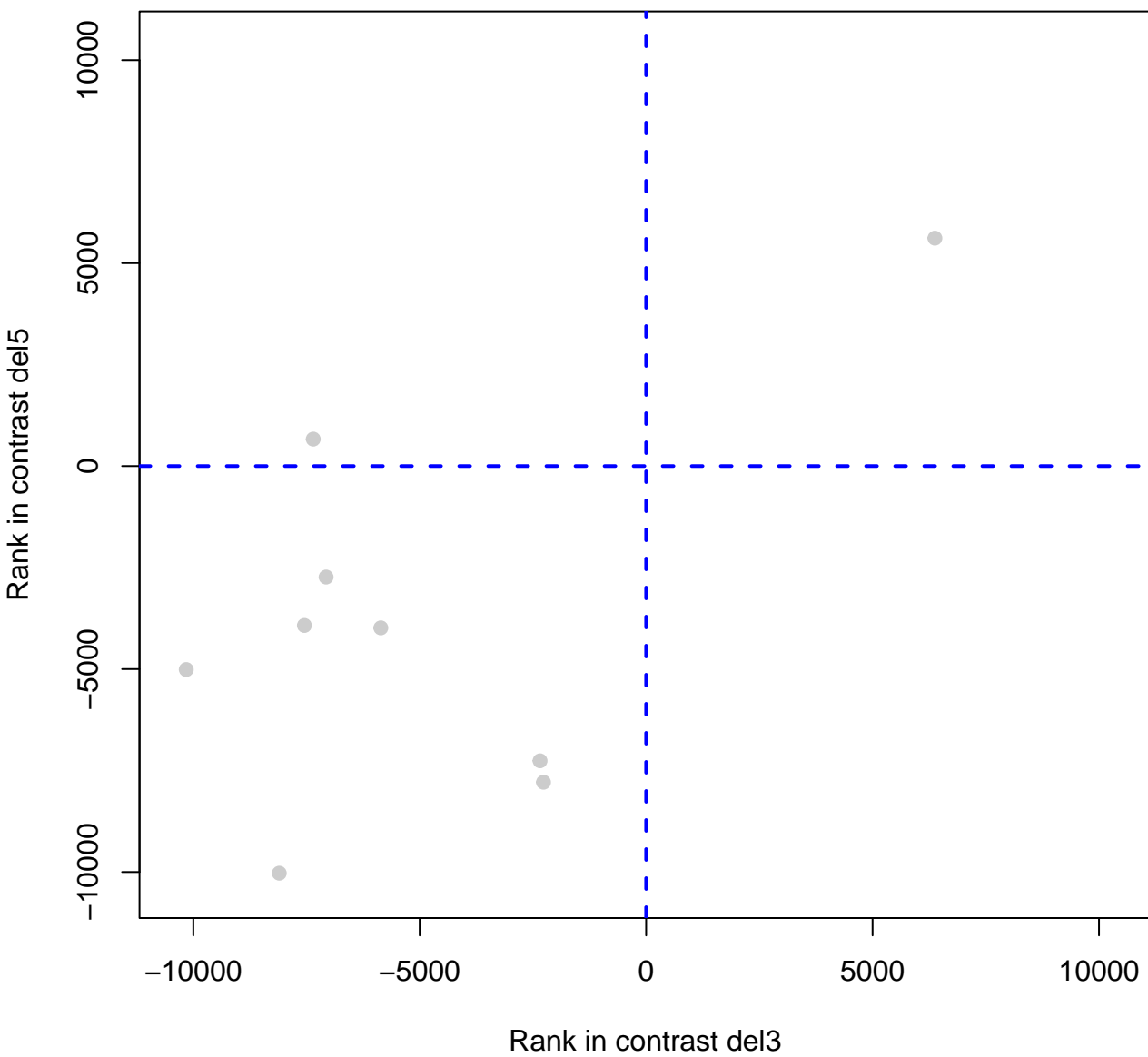
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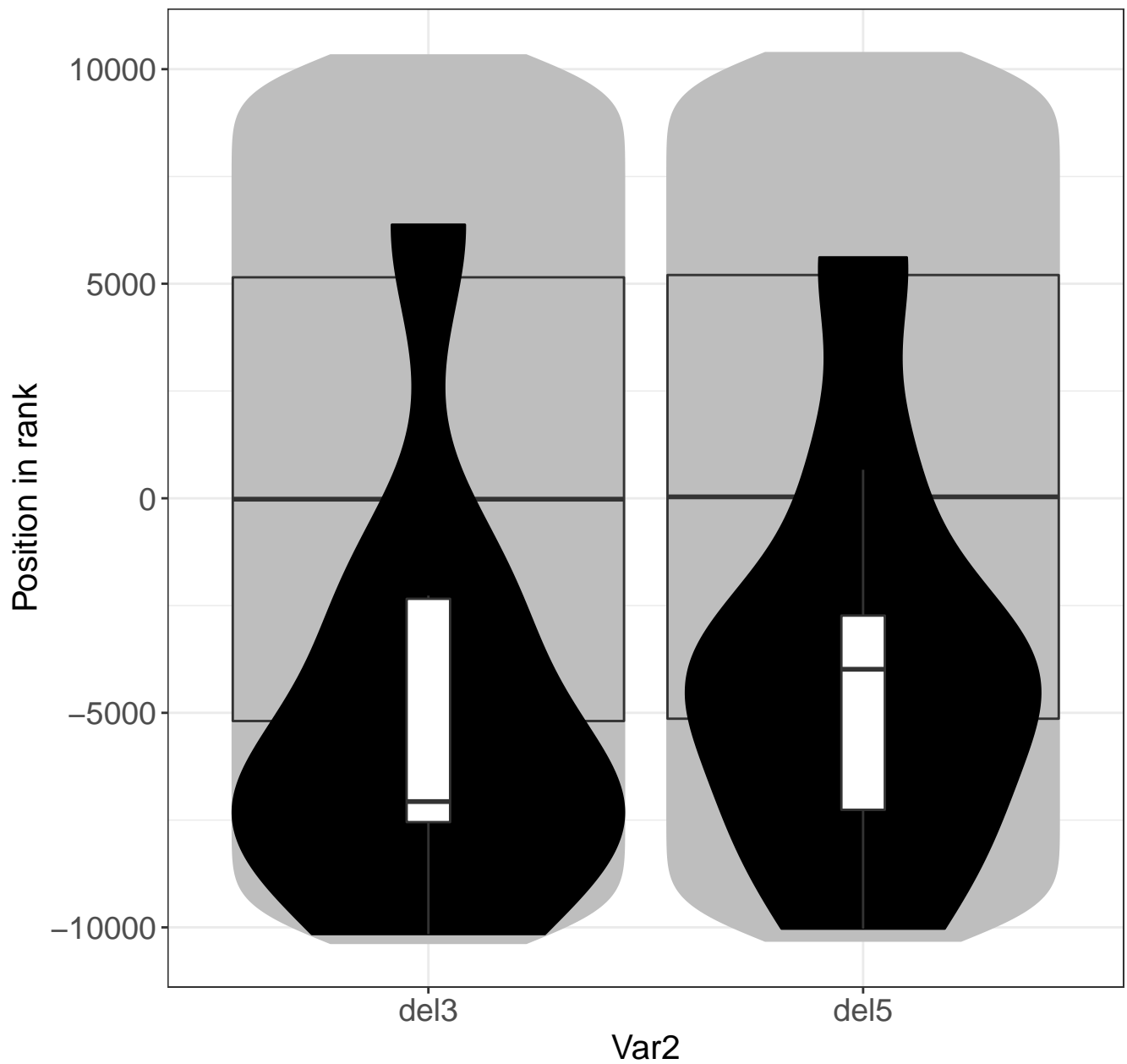
ynthesis.ribosome.biogenesis.Pre.rRNA.processing.and.moc



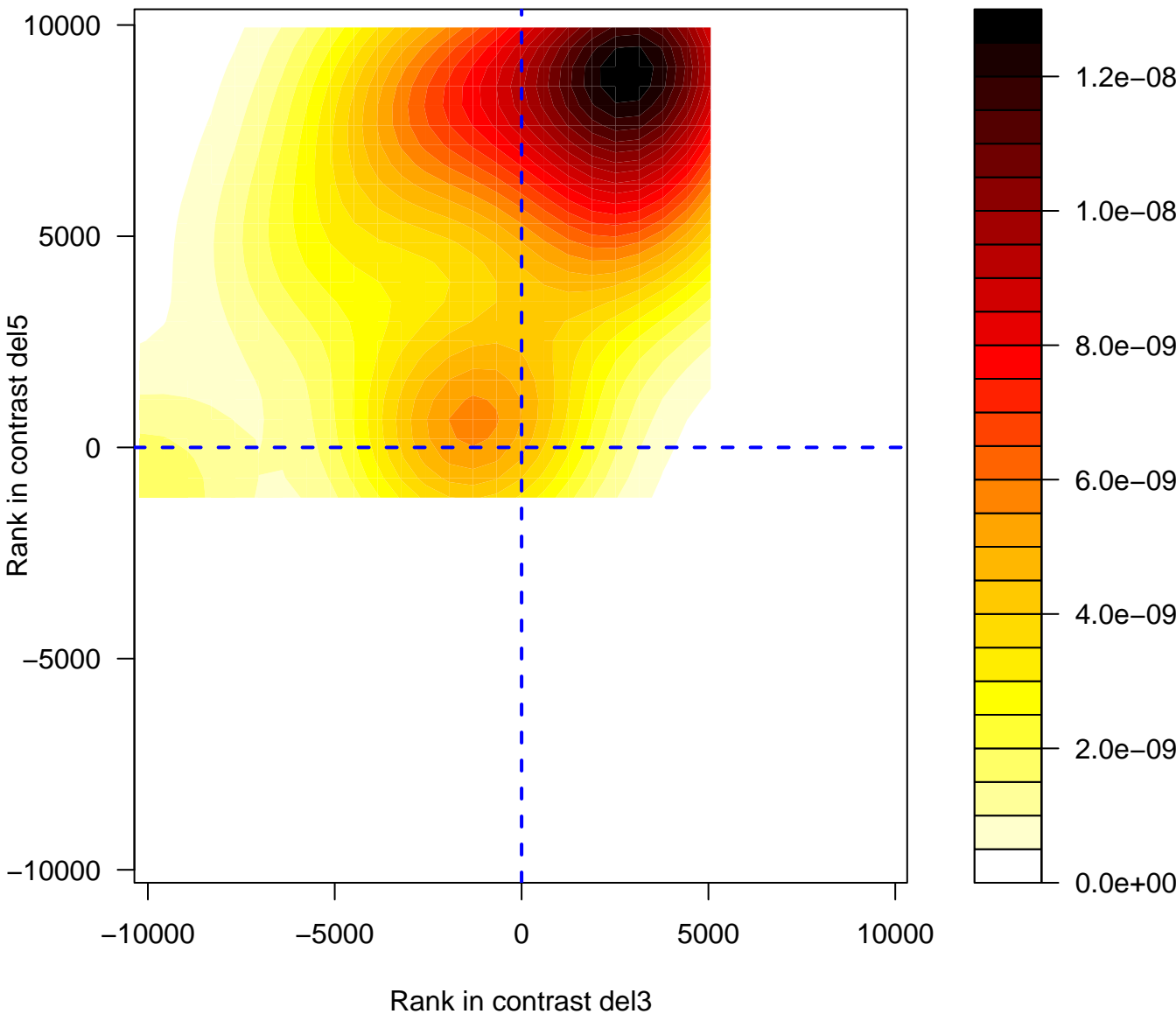
protein.synthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modification



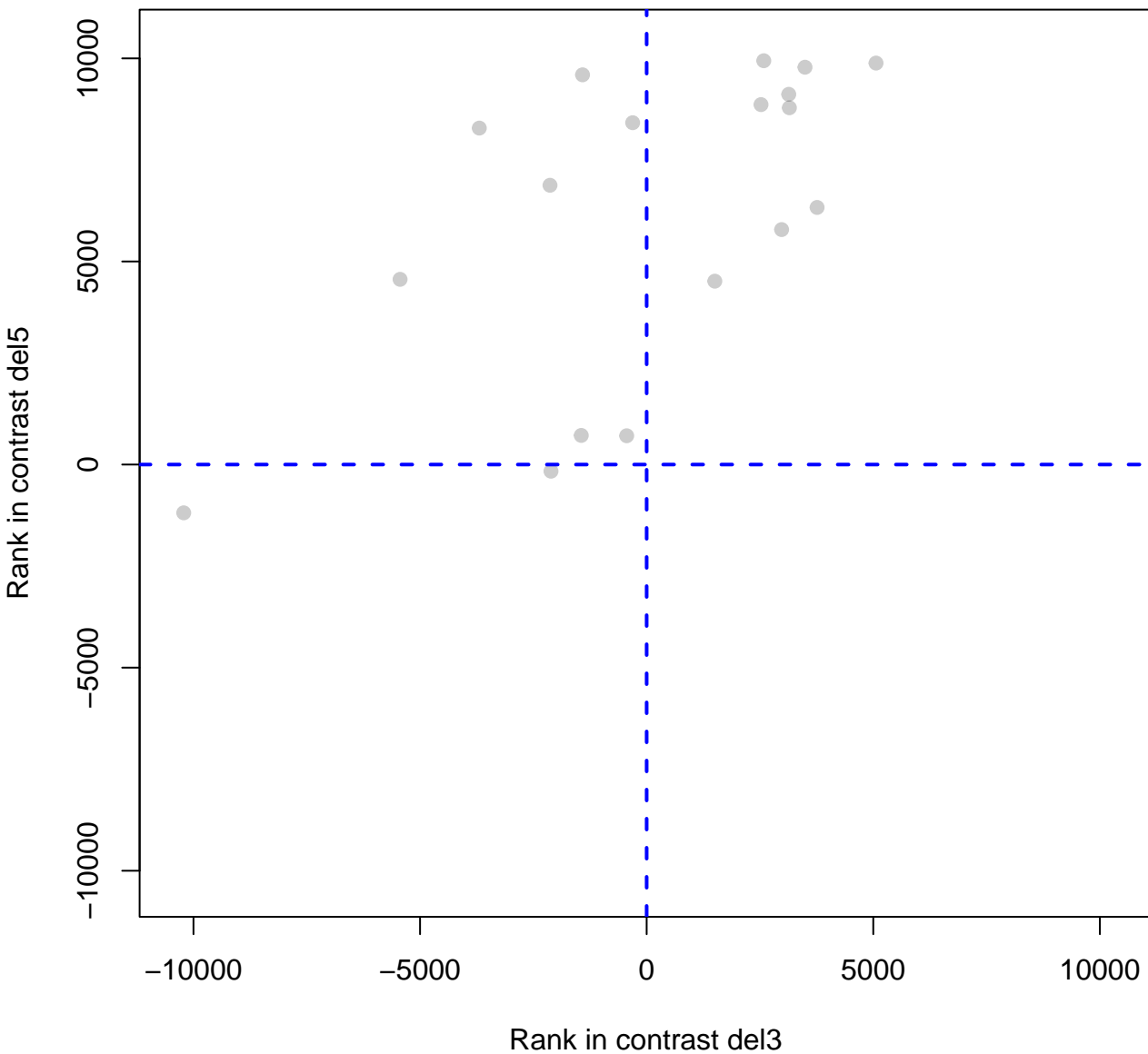
protein.synthesis.ribosome.biogenesis.Pre.rRNA



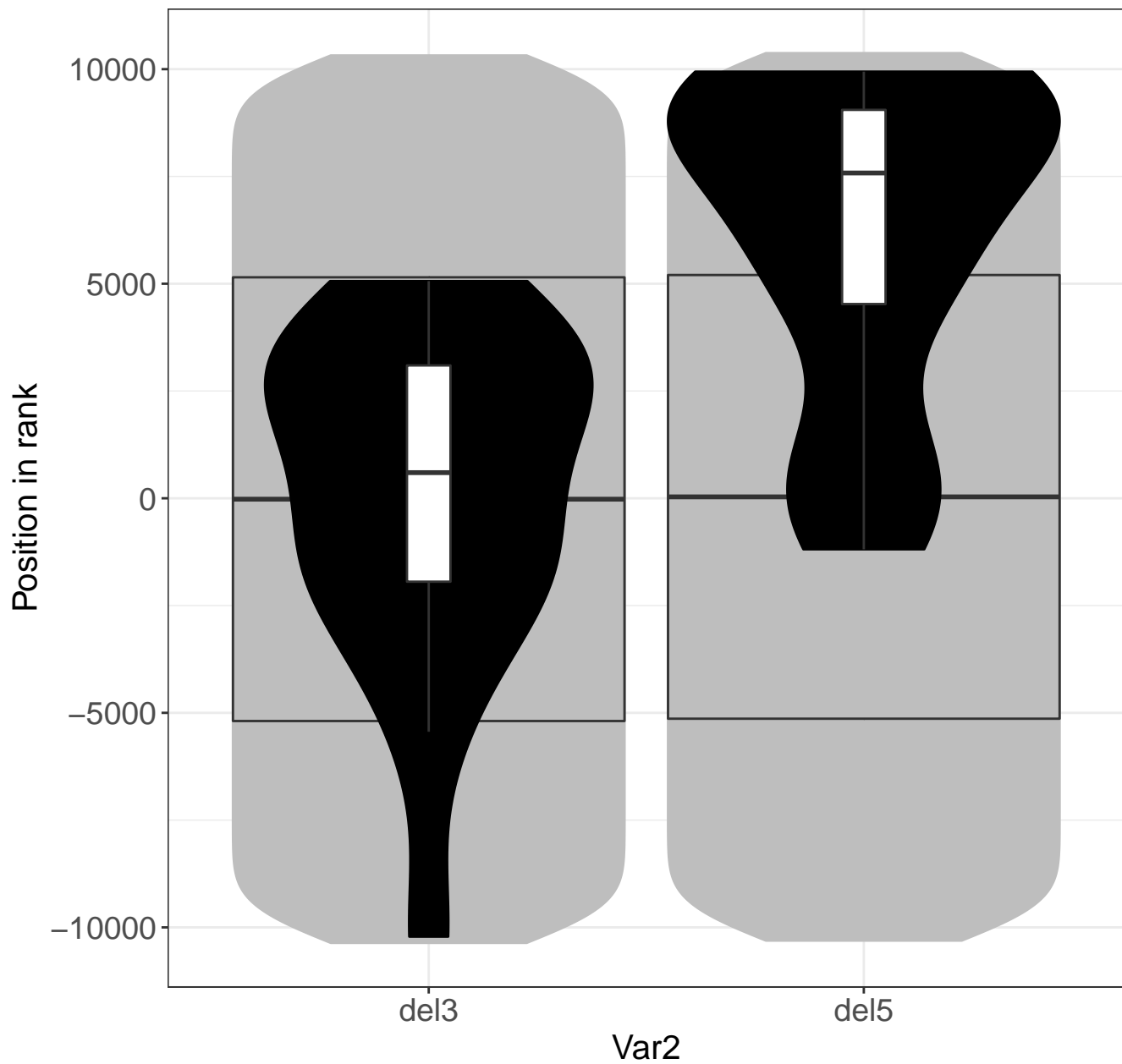
PS.lightreaction.photosystem.I.PSI.polypeptide.subunit



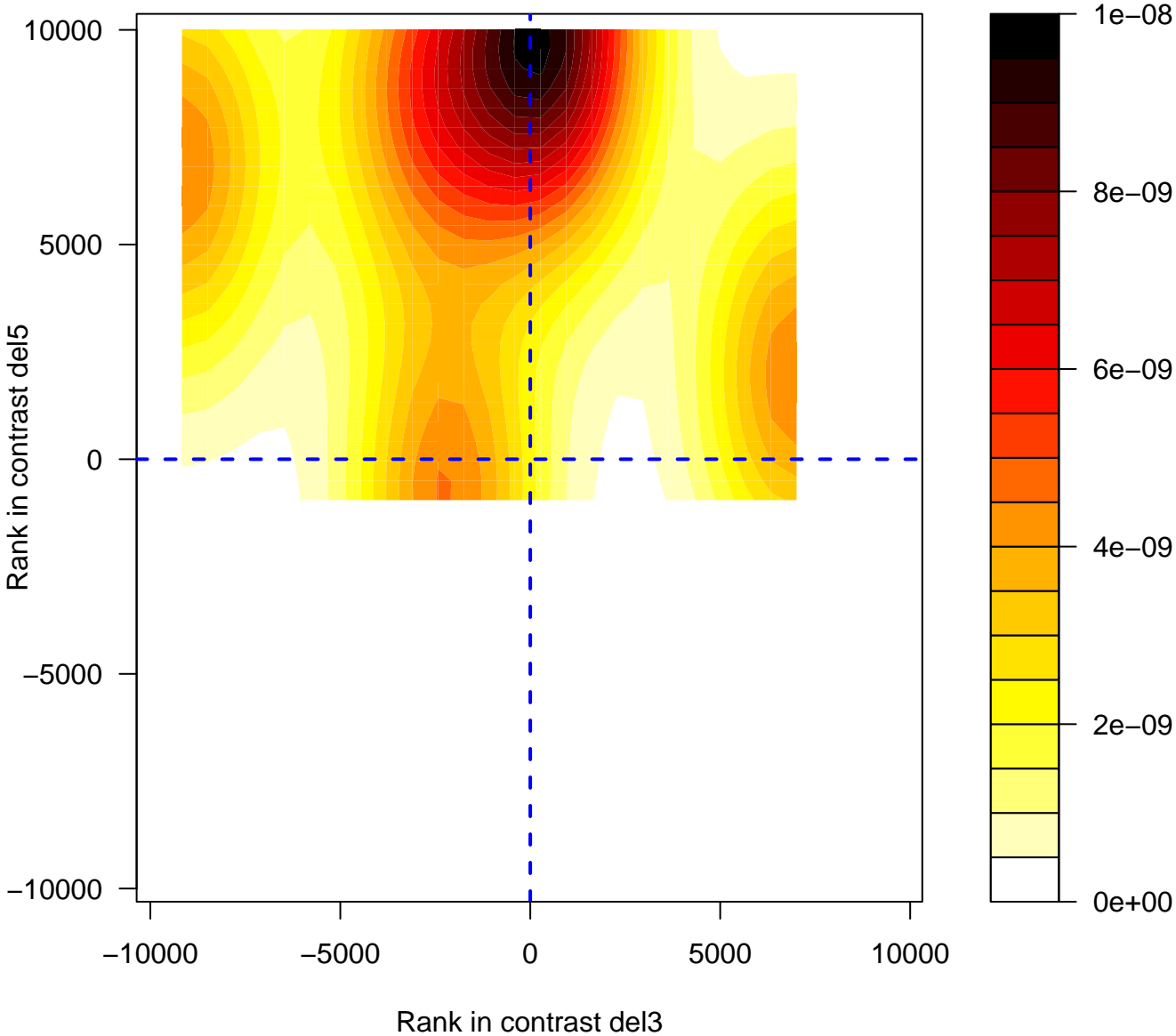
PS.lightreaction.photosystem.I.PSI.polypeptide.subunits



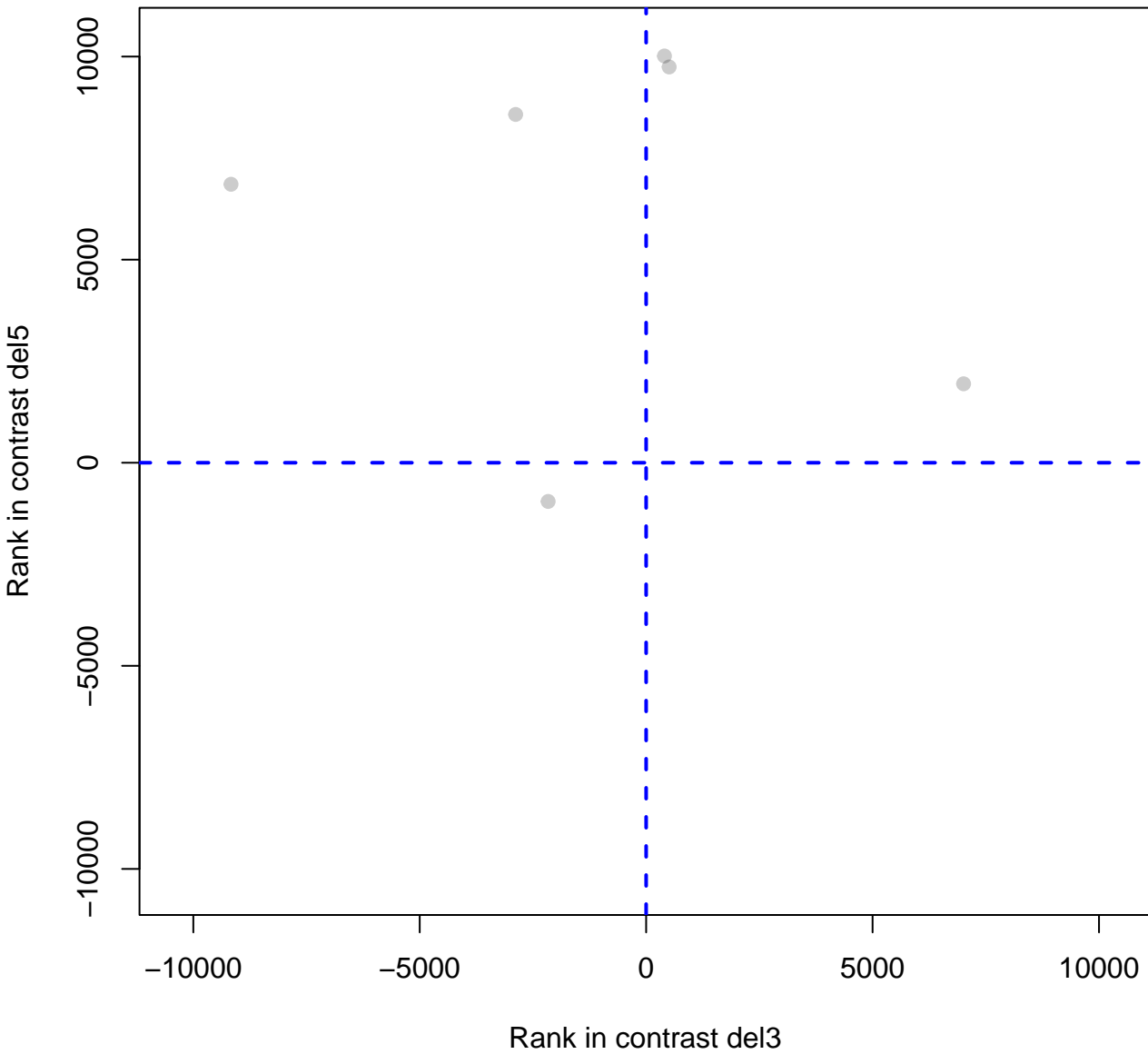
PS.lightreaction.photosystem.I.PSI.polypeptide.s



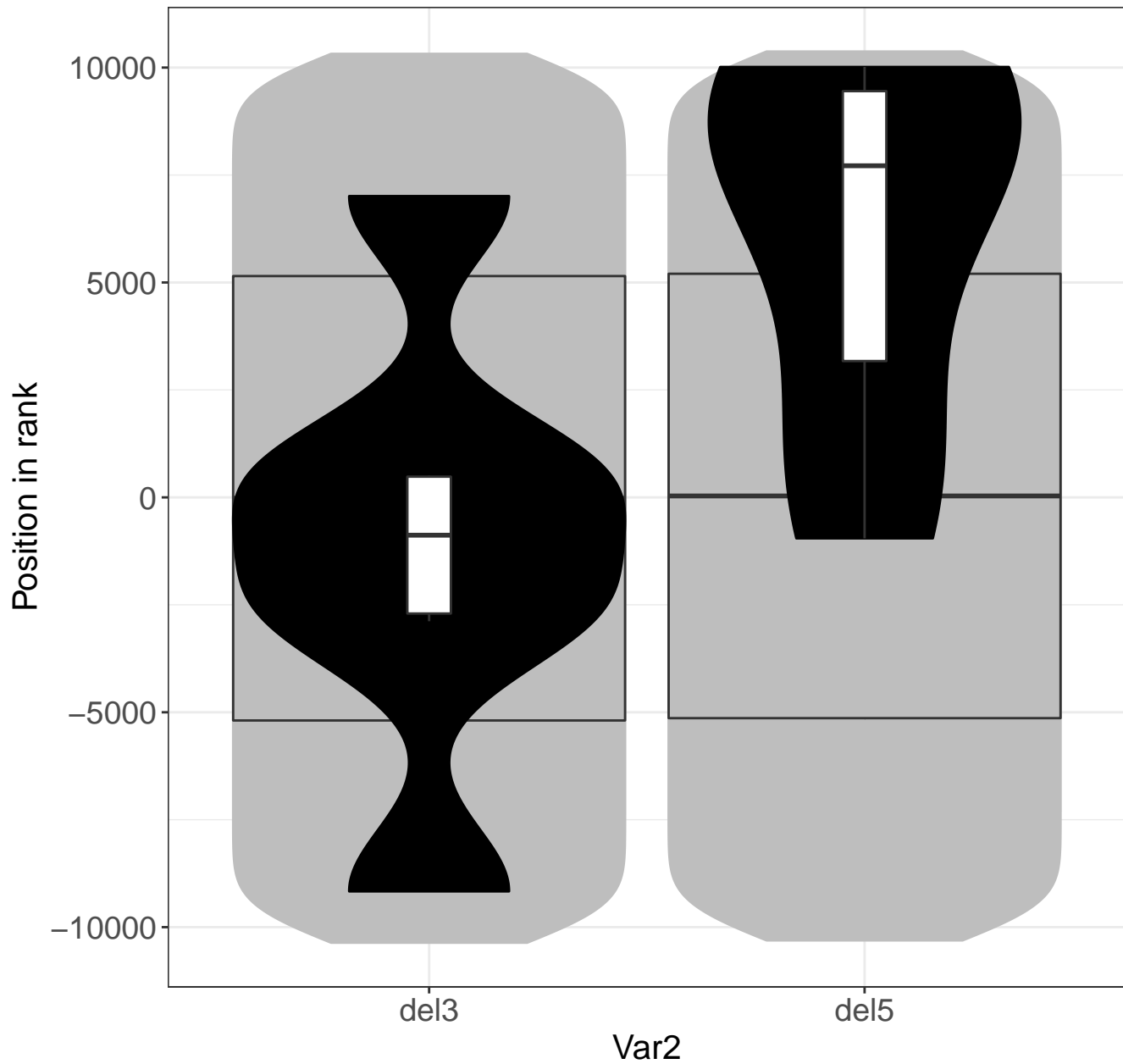
PS.lightreaction.cytochrome.b6.f



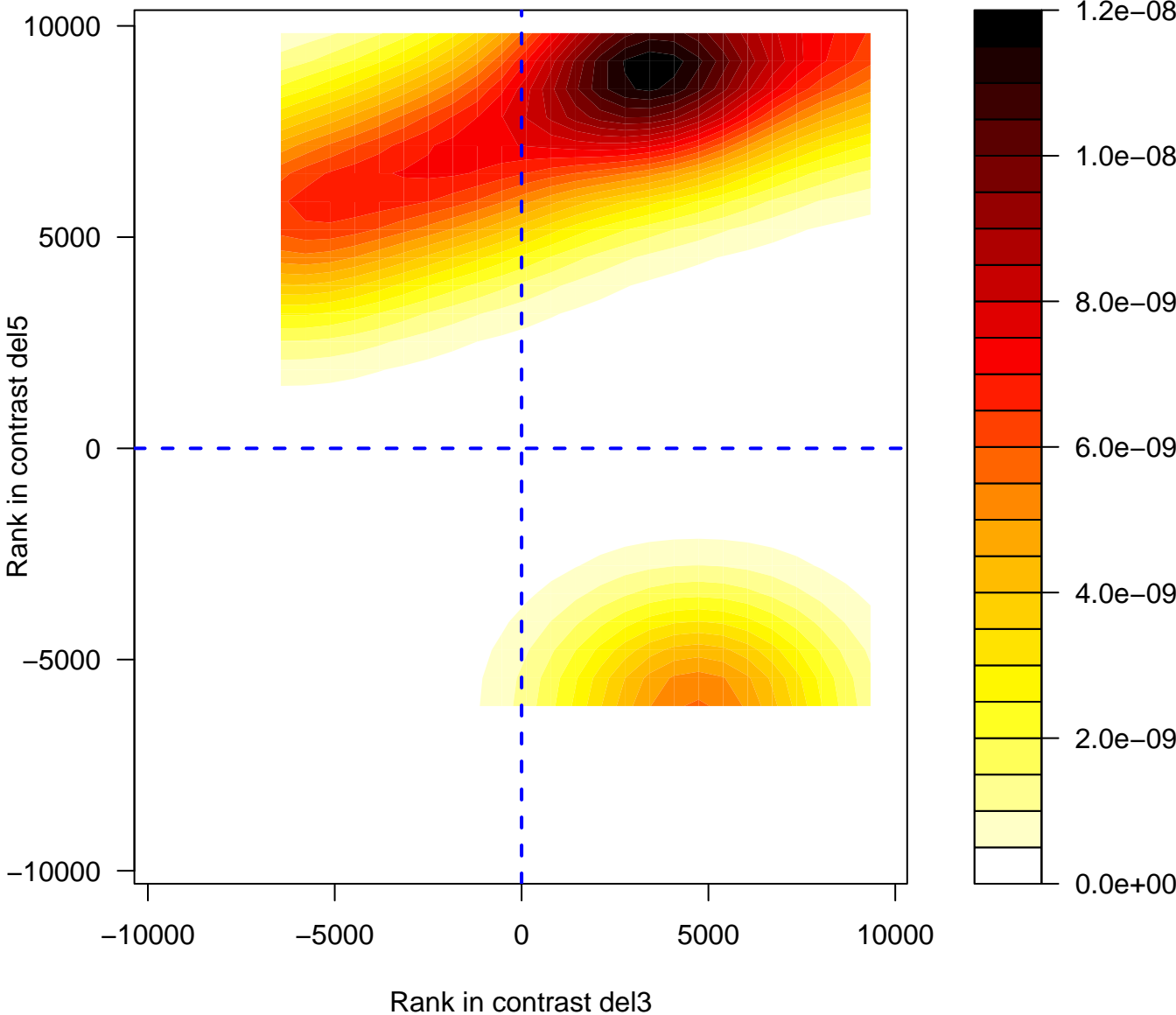
PS.lightreaction.cytochrome.b6.f



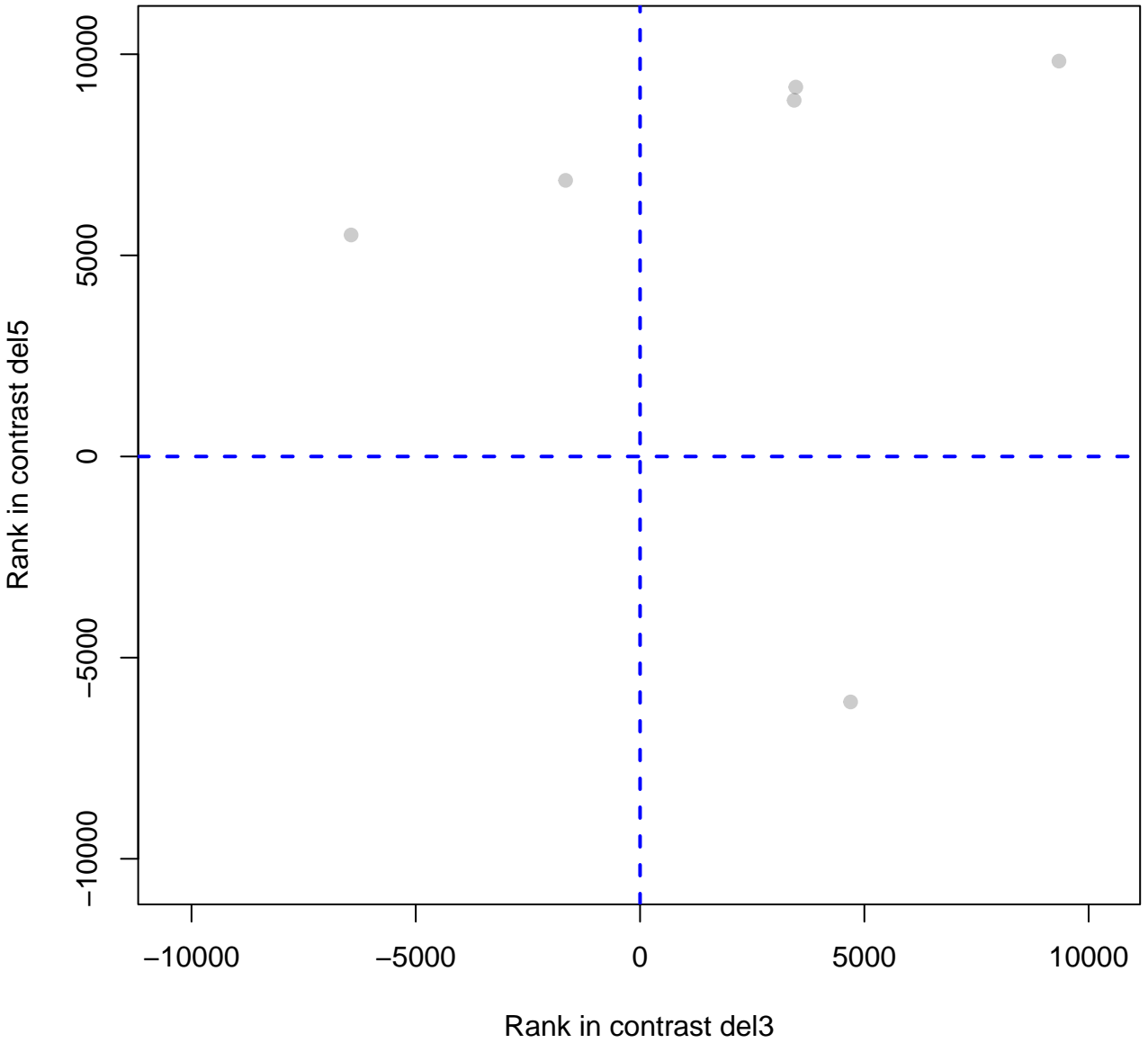
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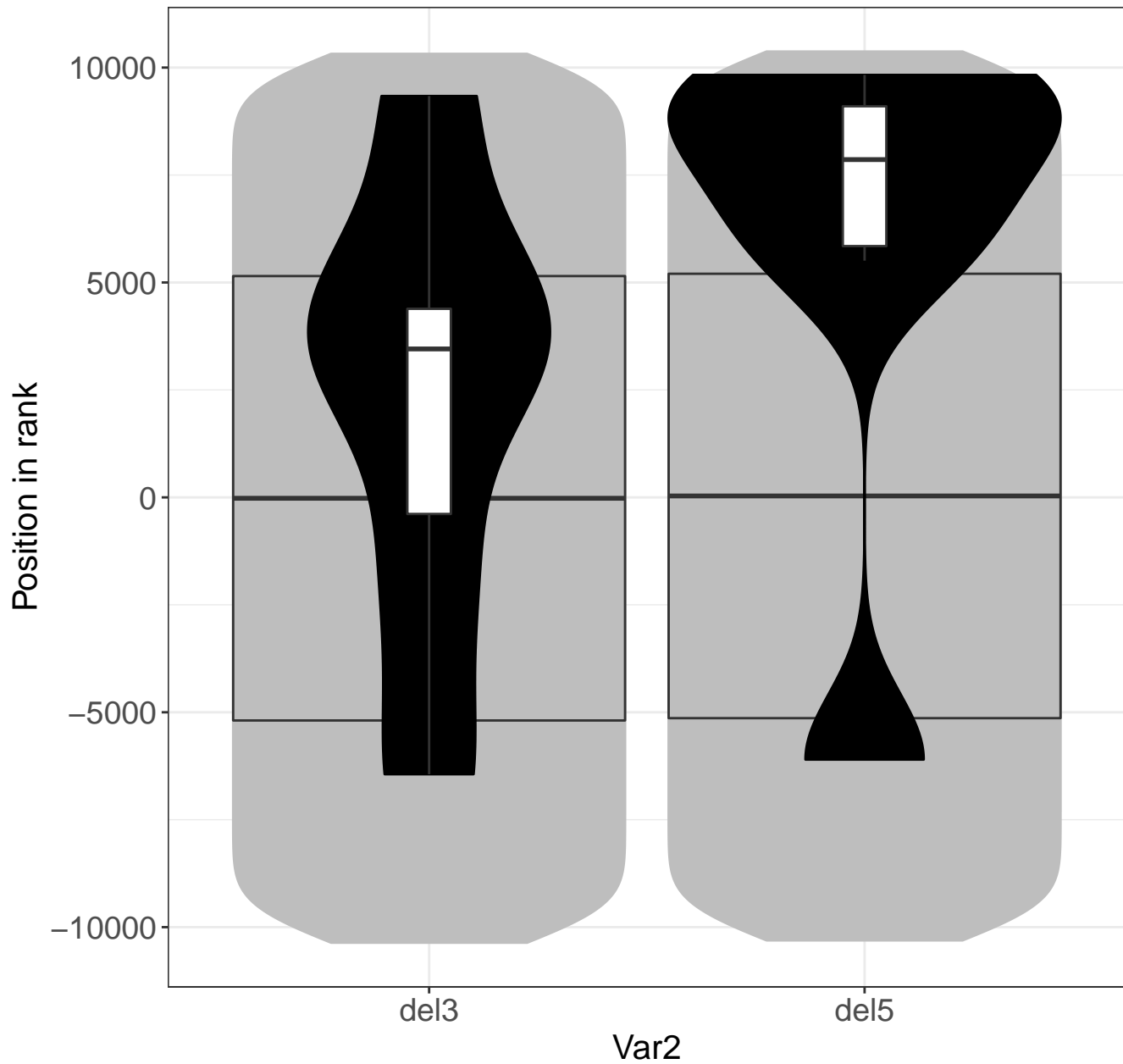
transport.ammonium



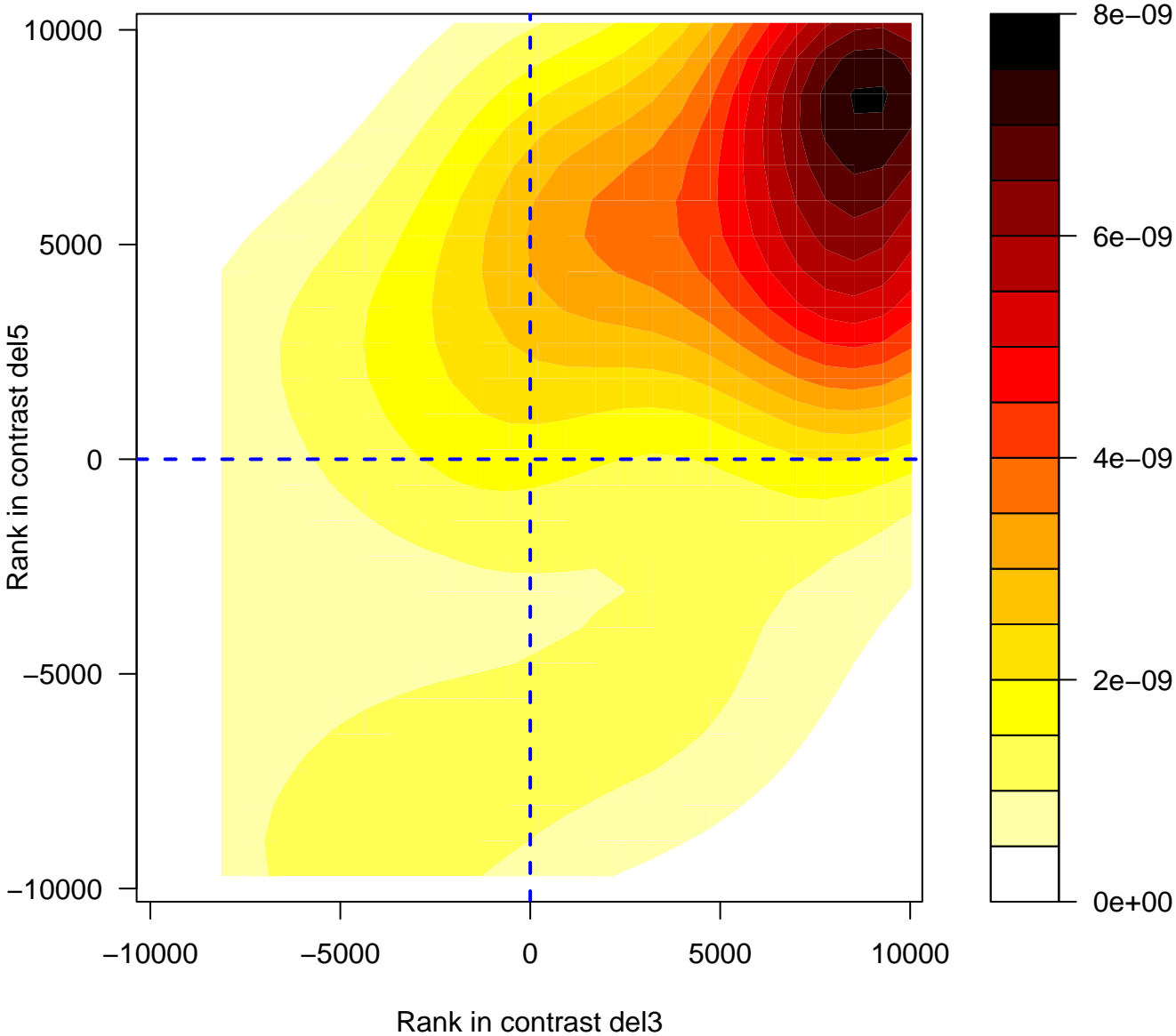
transport.ammonium



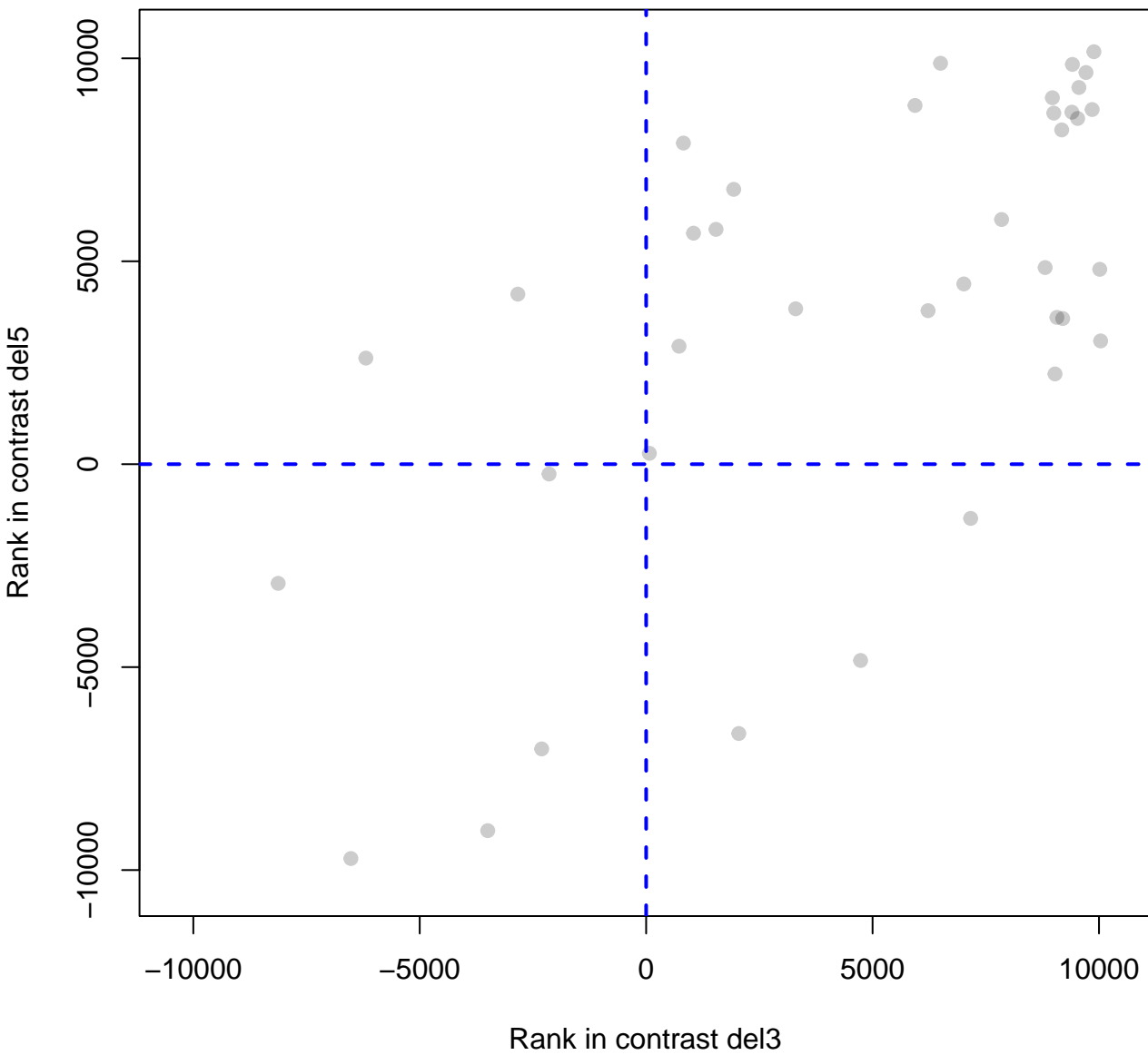
transport.ammonium



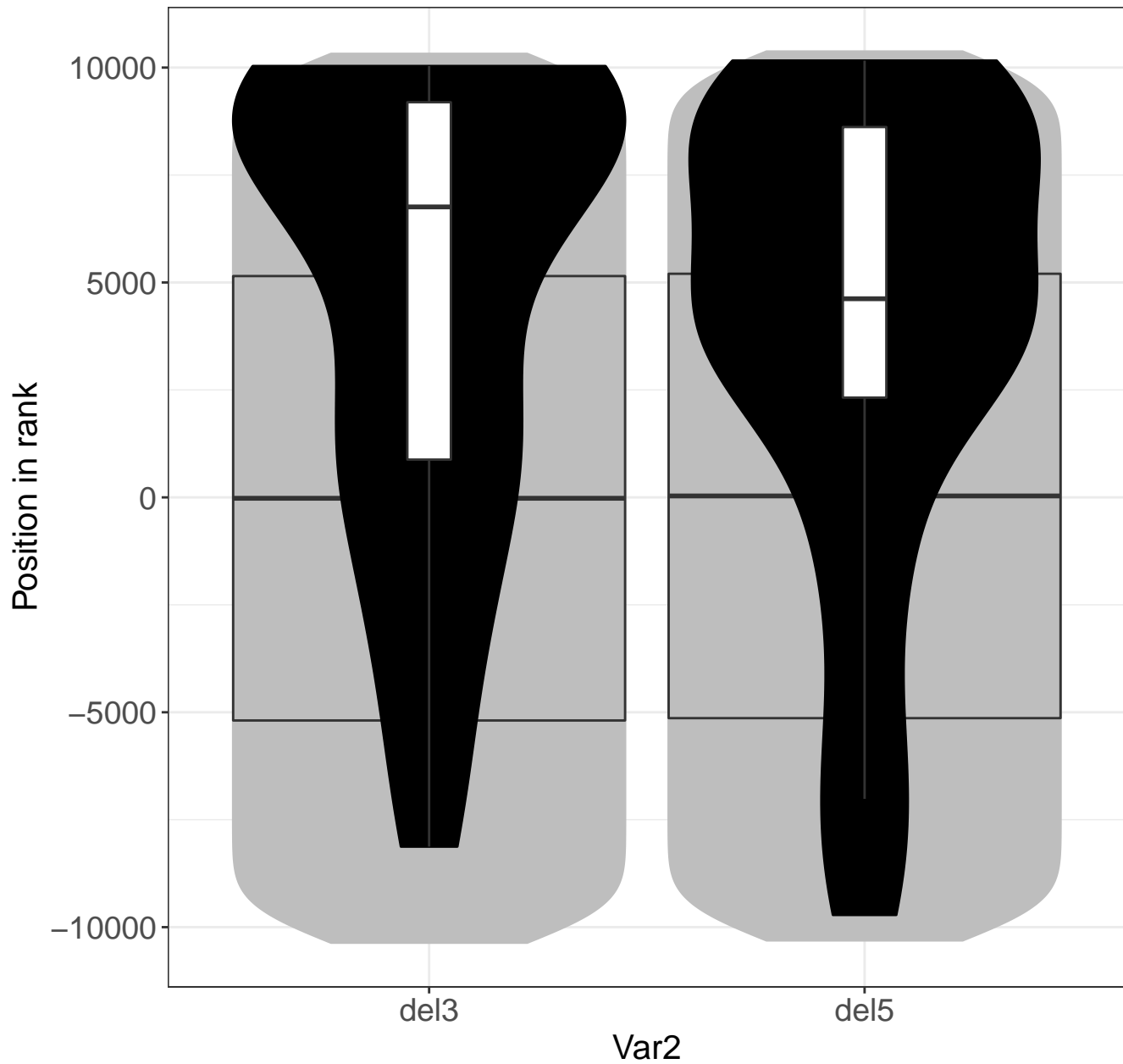
cell.wall.cell.wall.proteins.AGPs.AGP



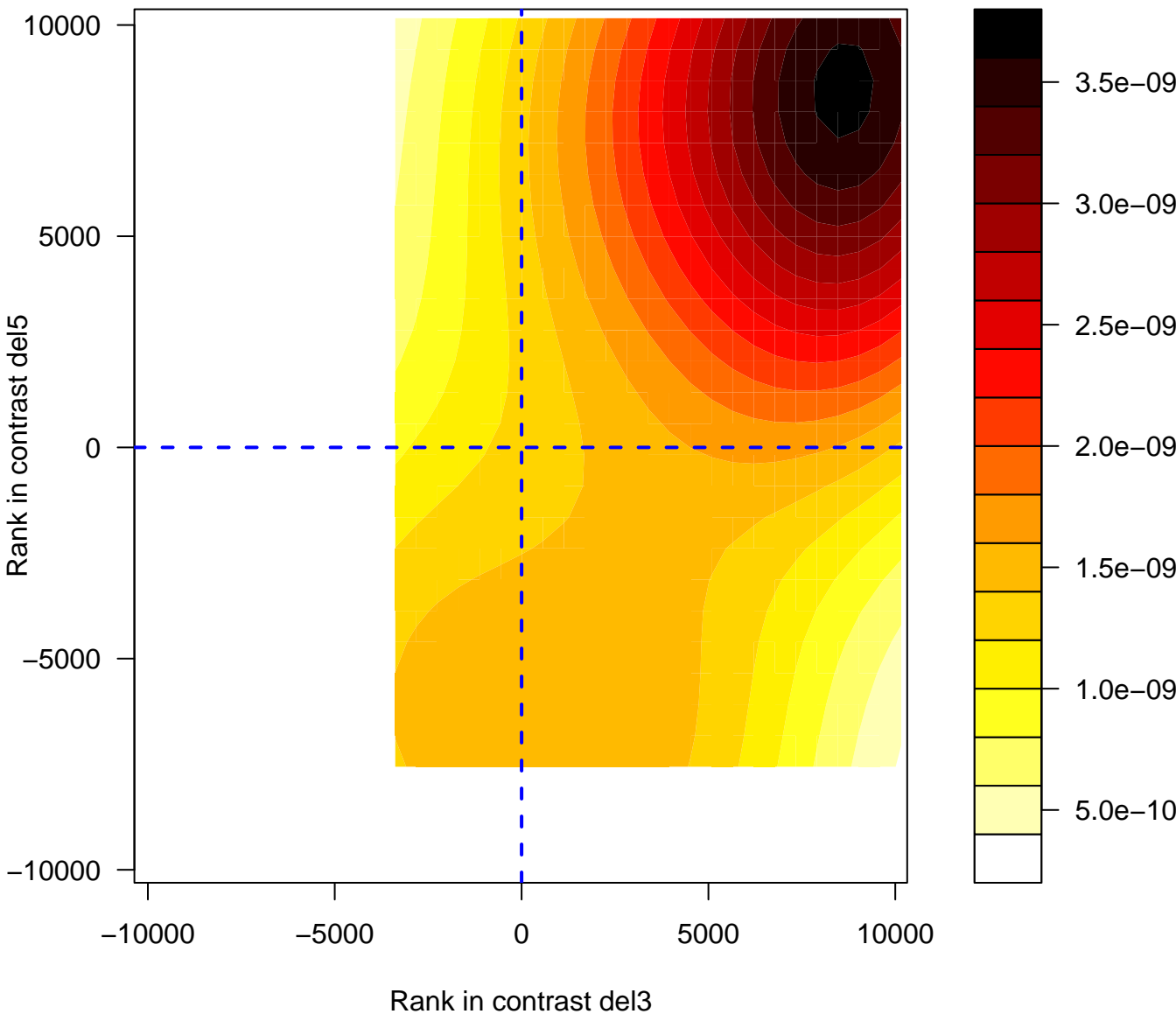
cell.wall.cell.wall.proteins.AGPs.AGP



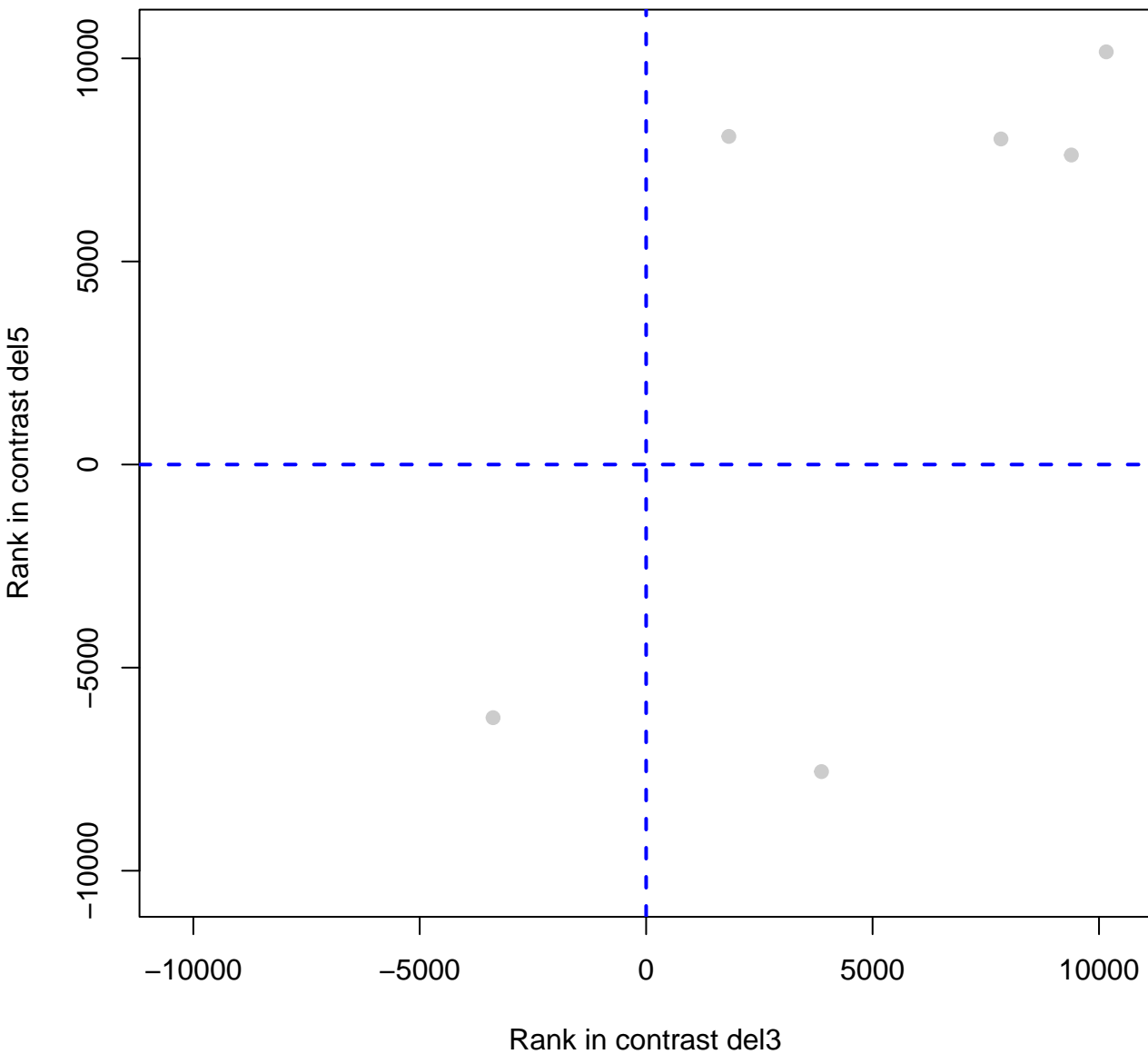
cell.wall.cell.wall.proteins.AGPs.AGP

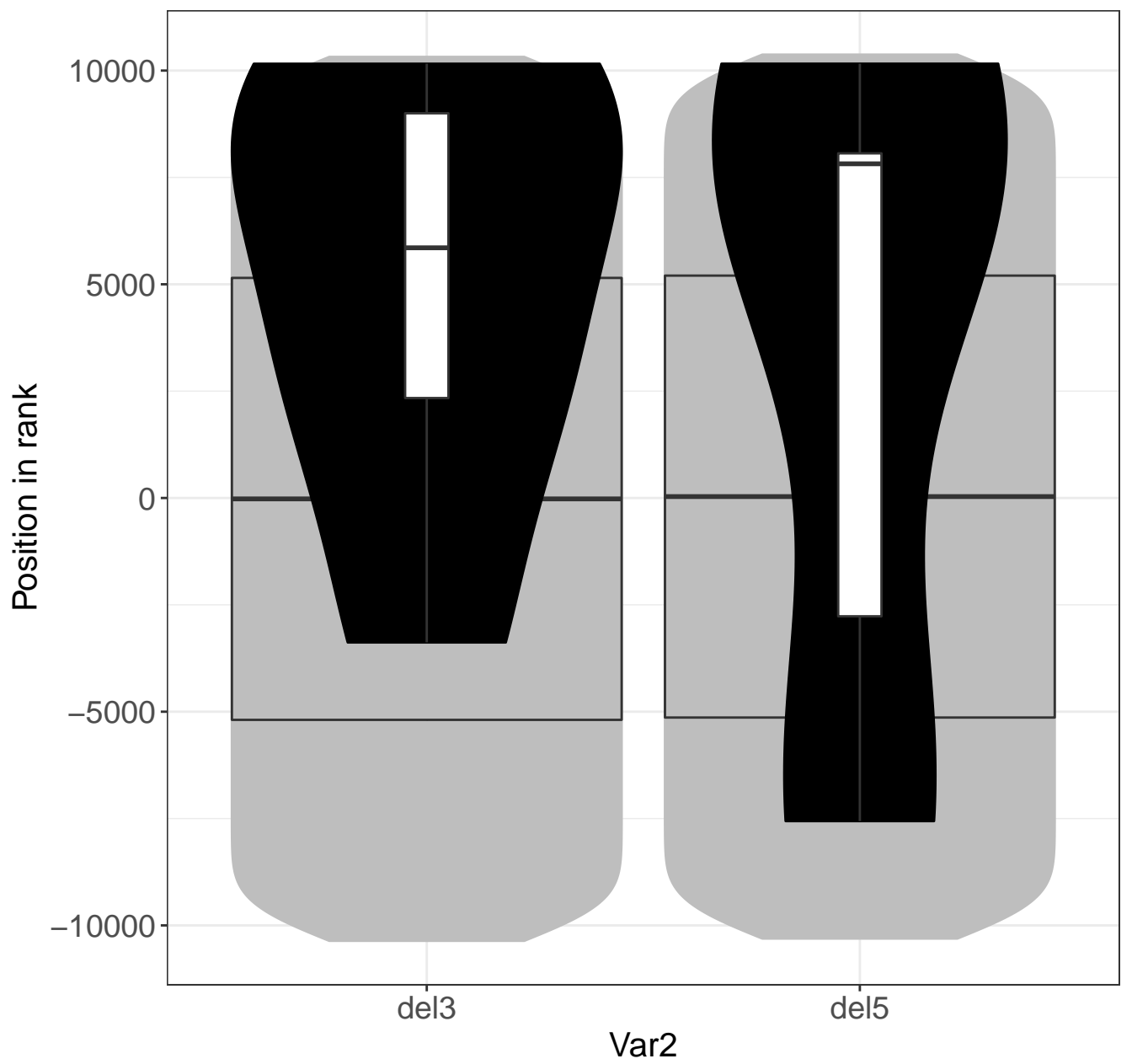


misc.alcohol.dehydrogenases.cinnamyl.alcohol.dehydroge

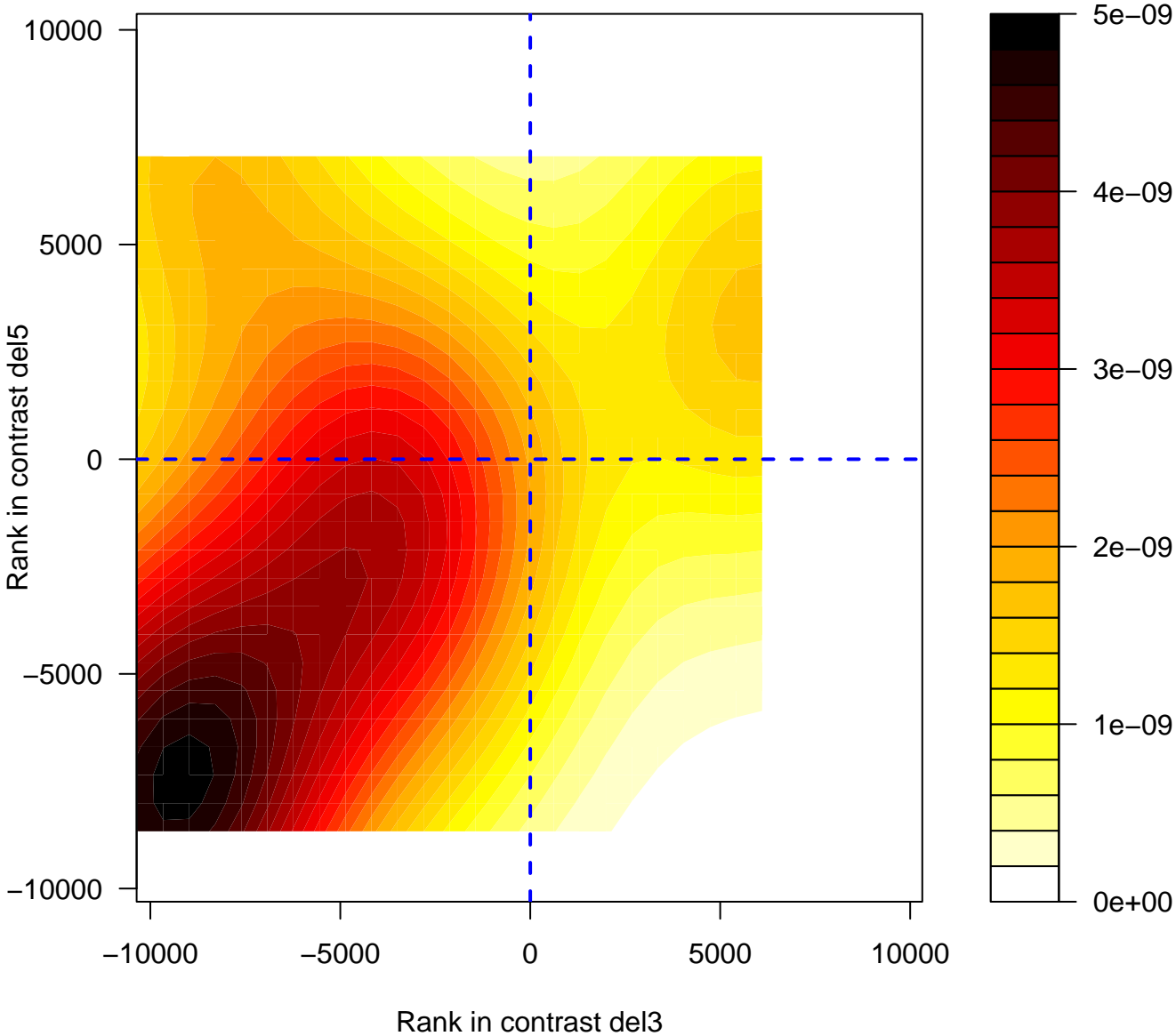


misc.alcohol.dehydrogenases.cinnamyl.alcohol.dehydrogenase

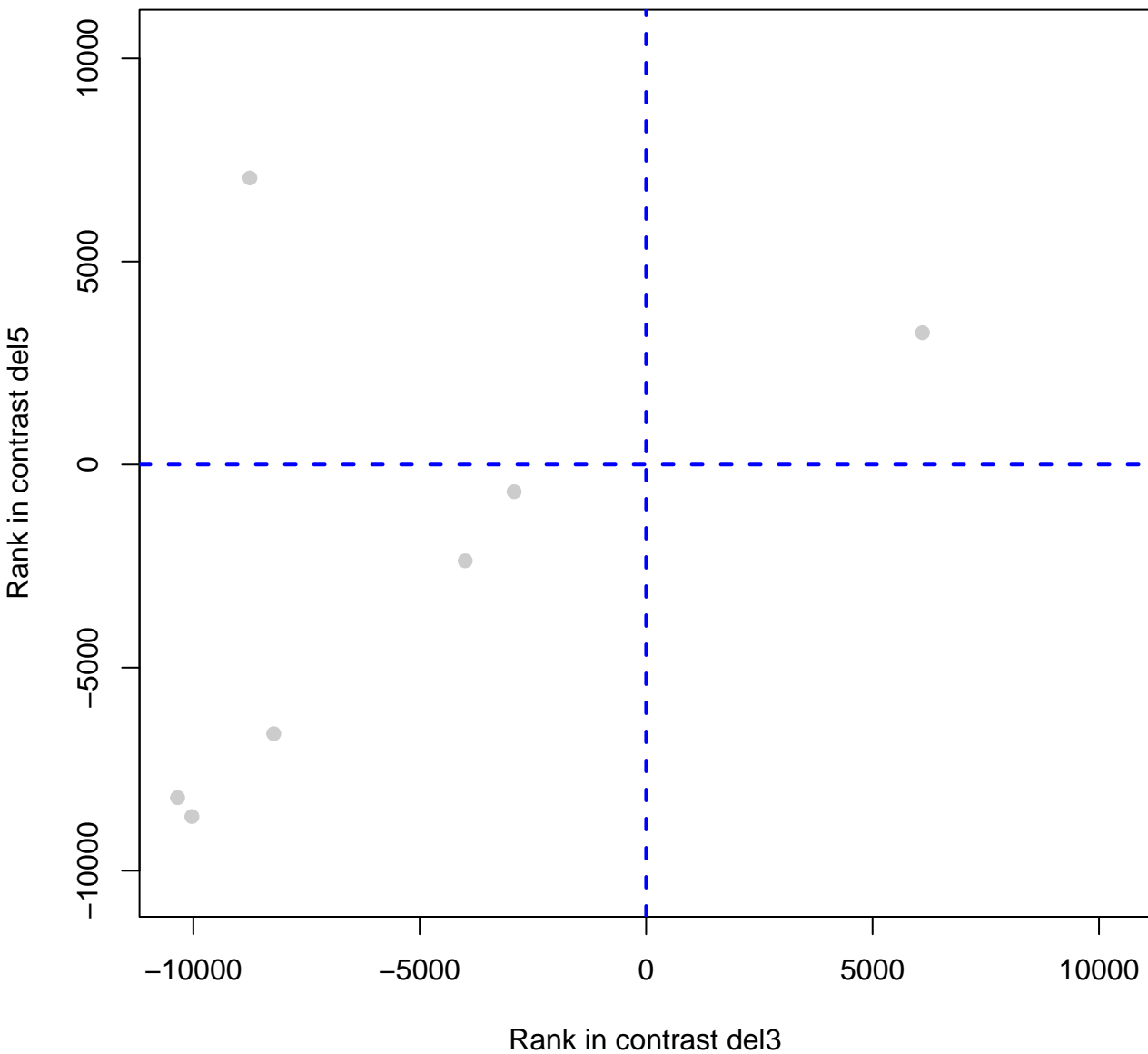




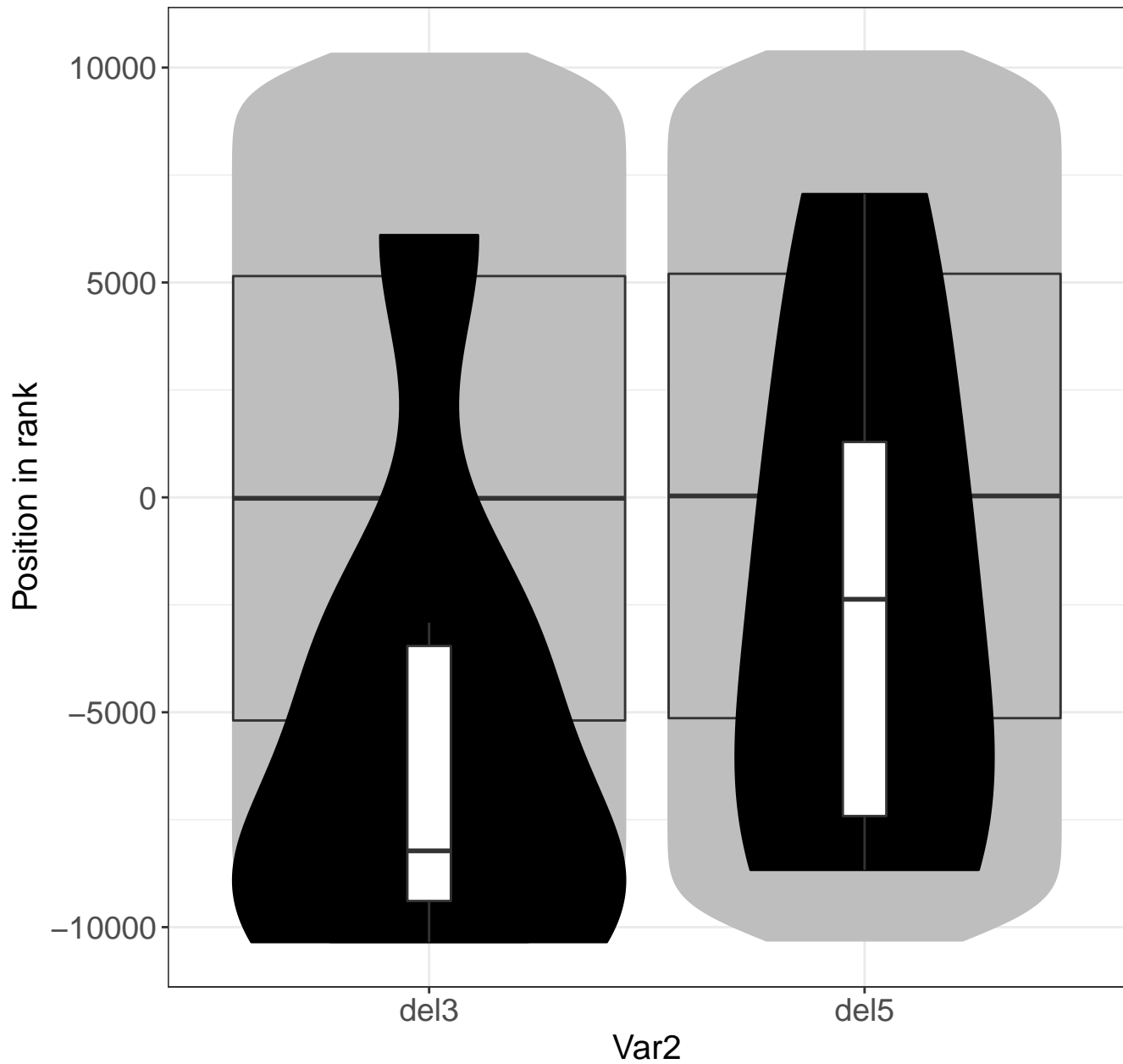
transport.Major.Intrinsic.Proteins.TIP



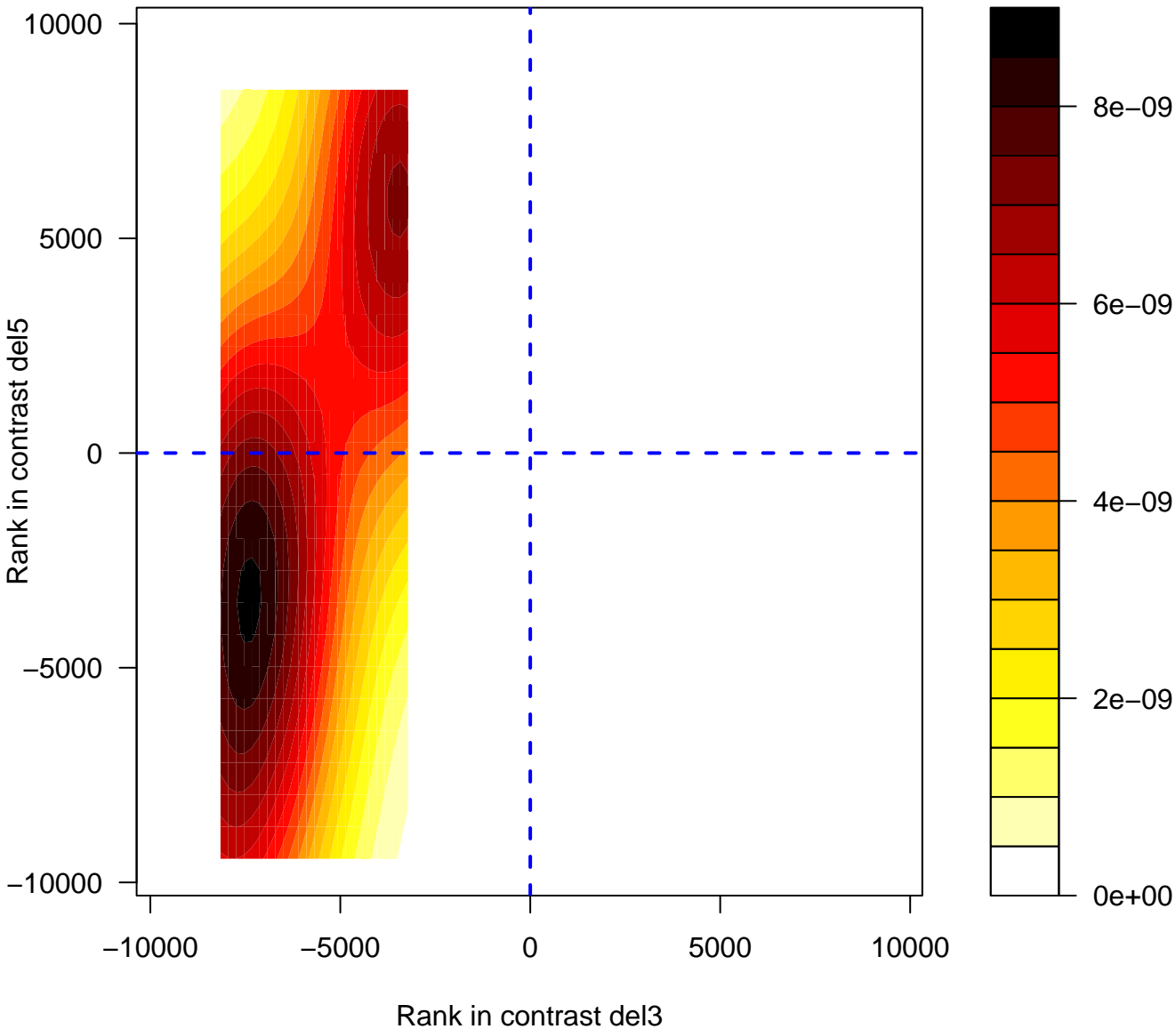
transport.Major.Intrinsic.Proteins.TIP



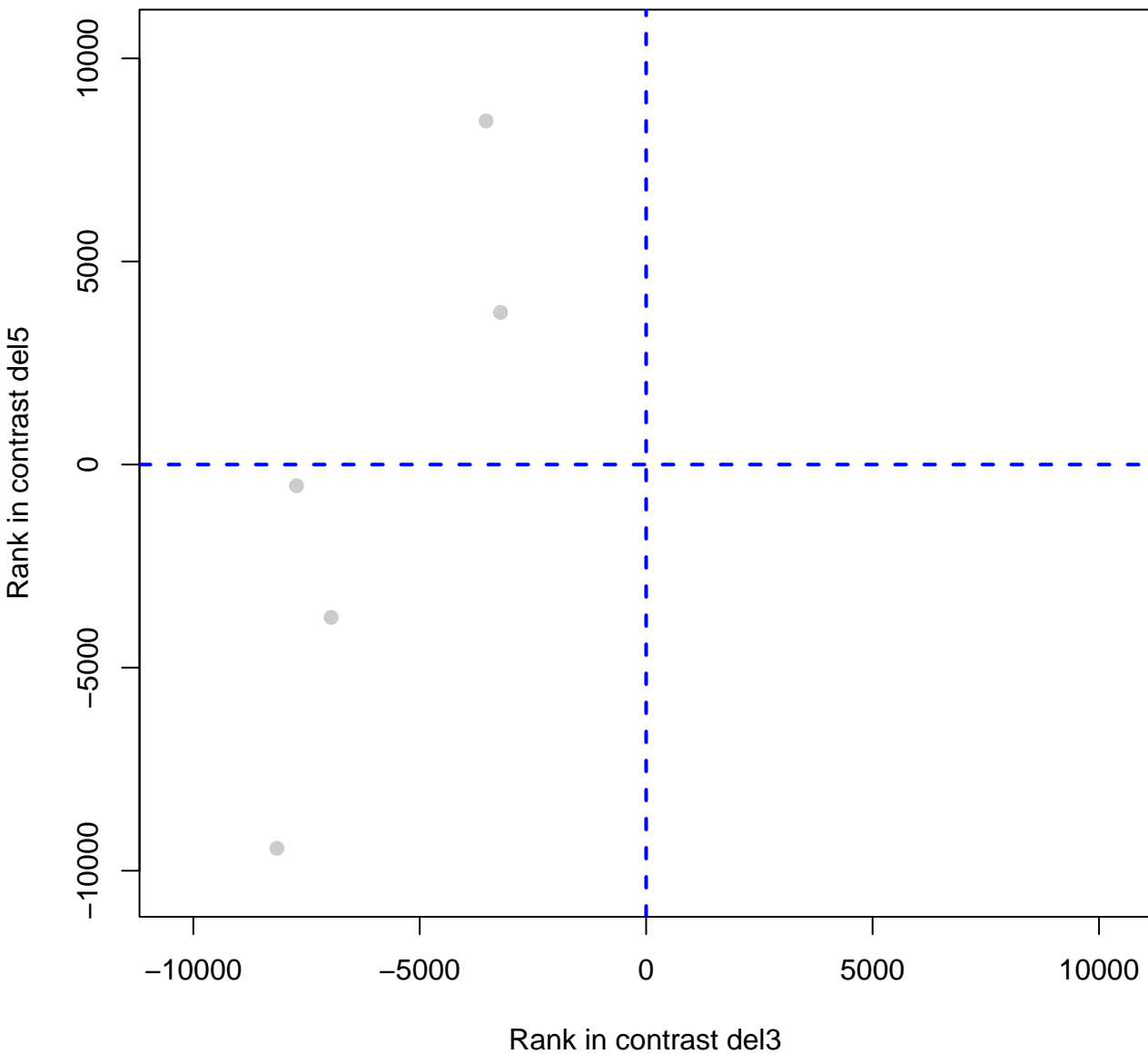
transport.Major.Intrinsic.Proteins.TIP

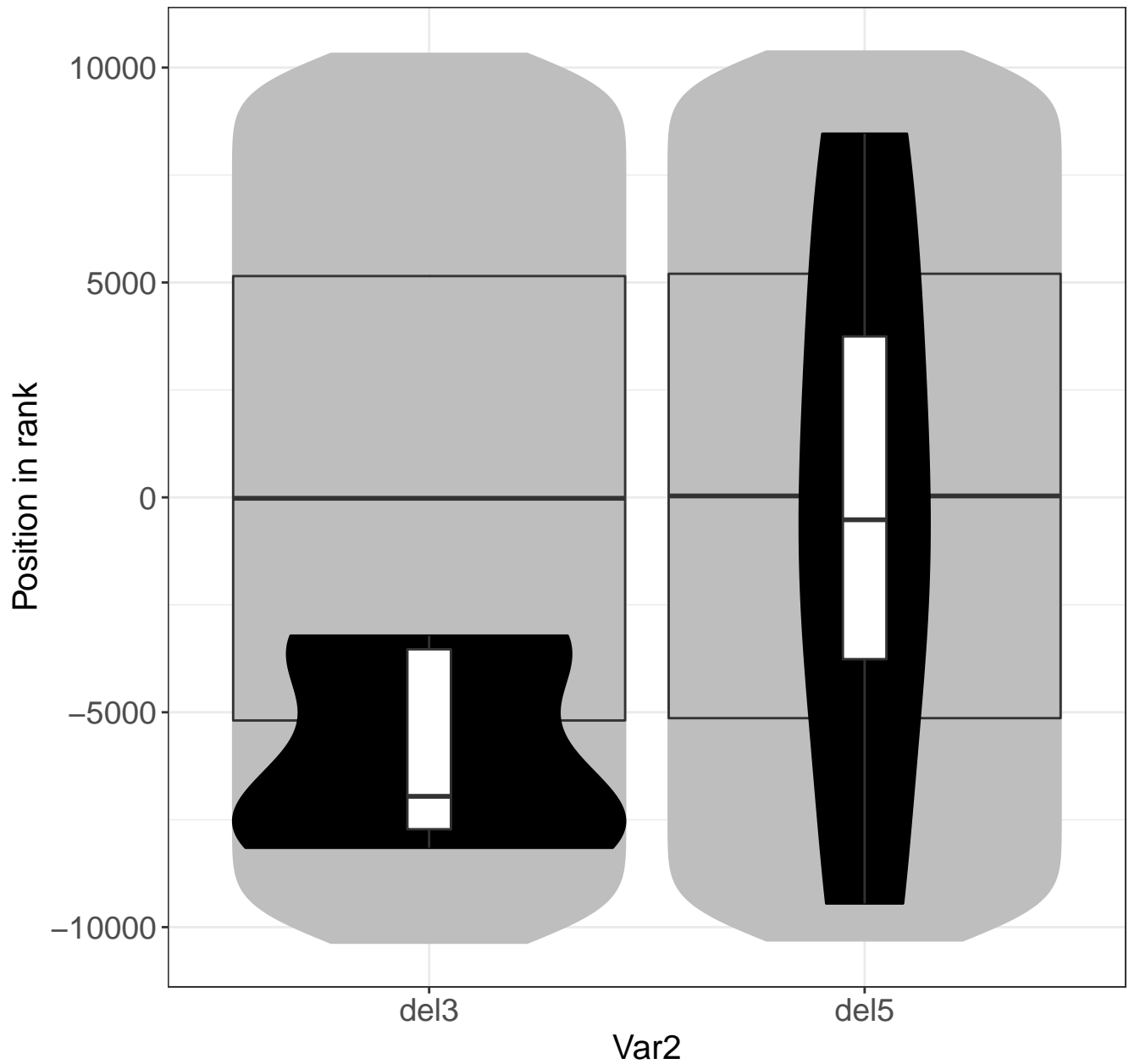


secondary.metabolism.phenylpropanoids.lignin.biosynthesis

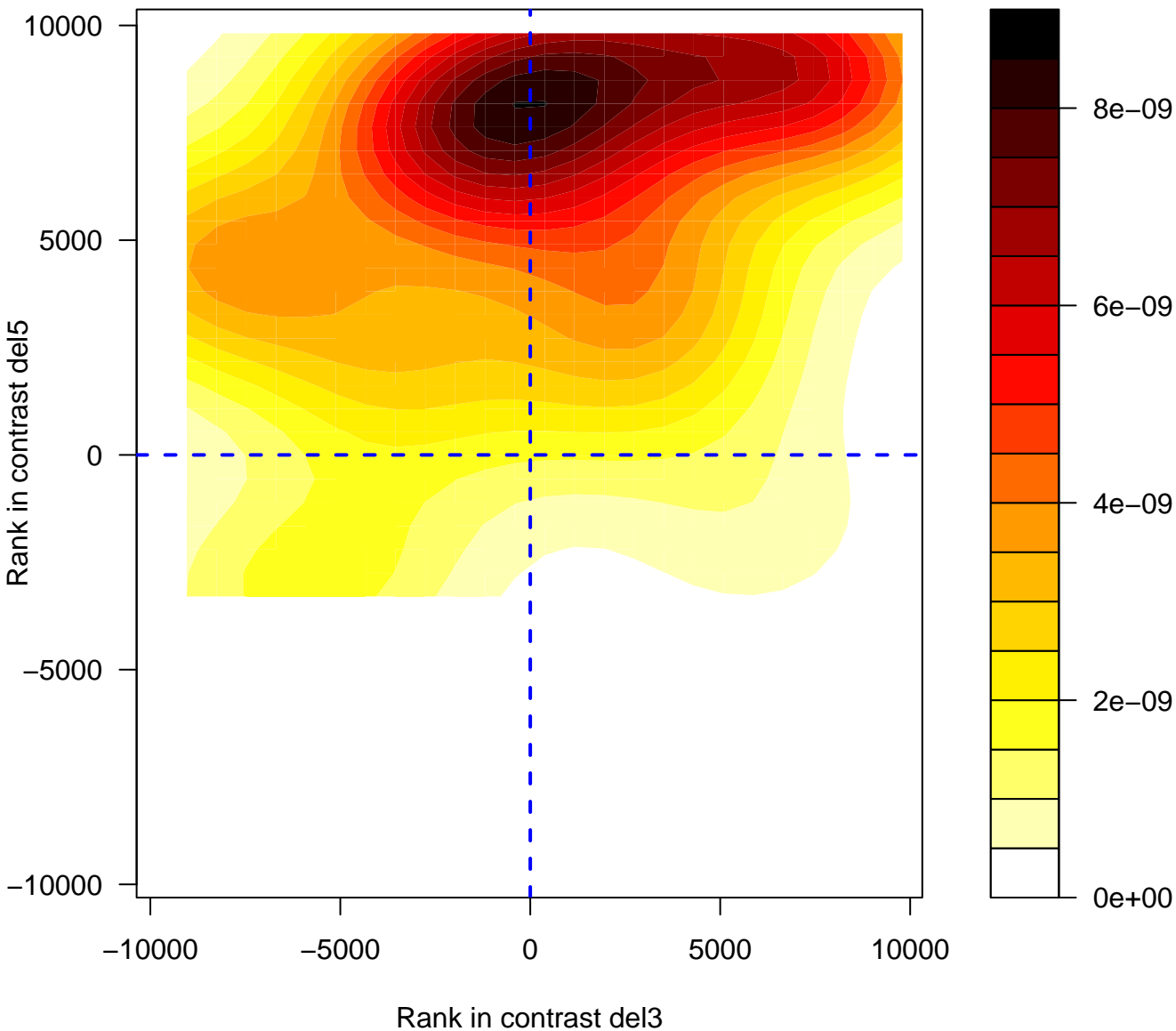


secondary.metabolism.phenylpropanoids.lignin.biosynthesis.CCR1

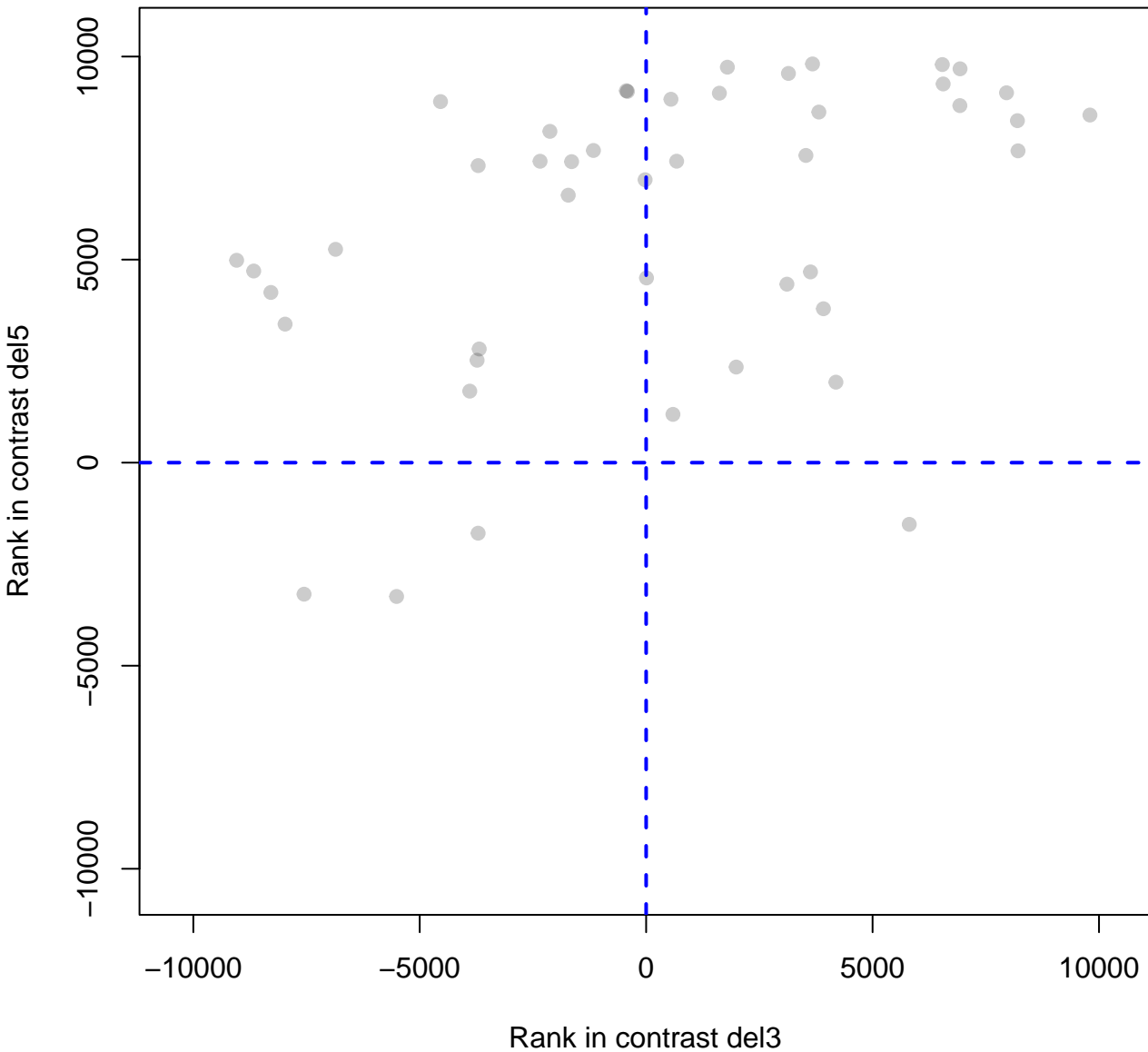




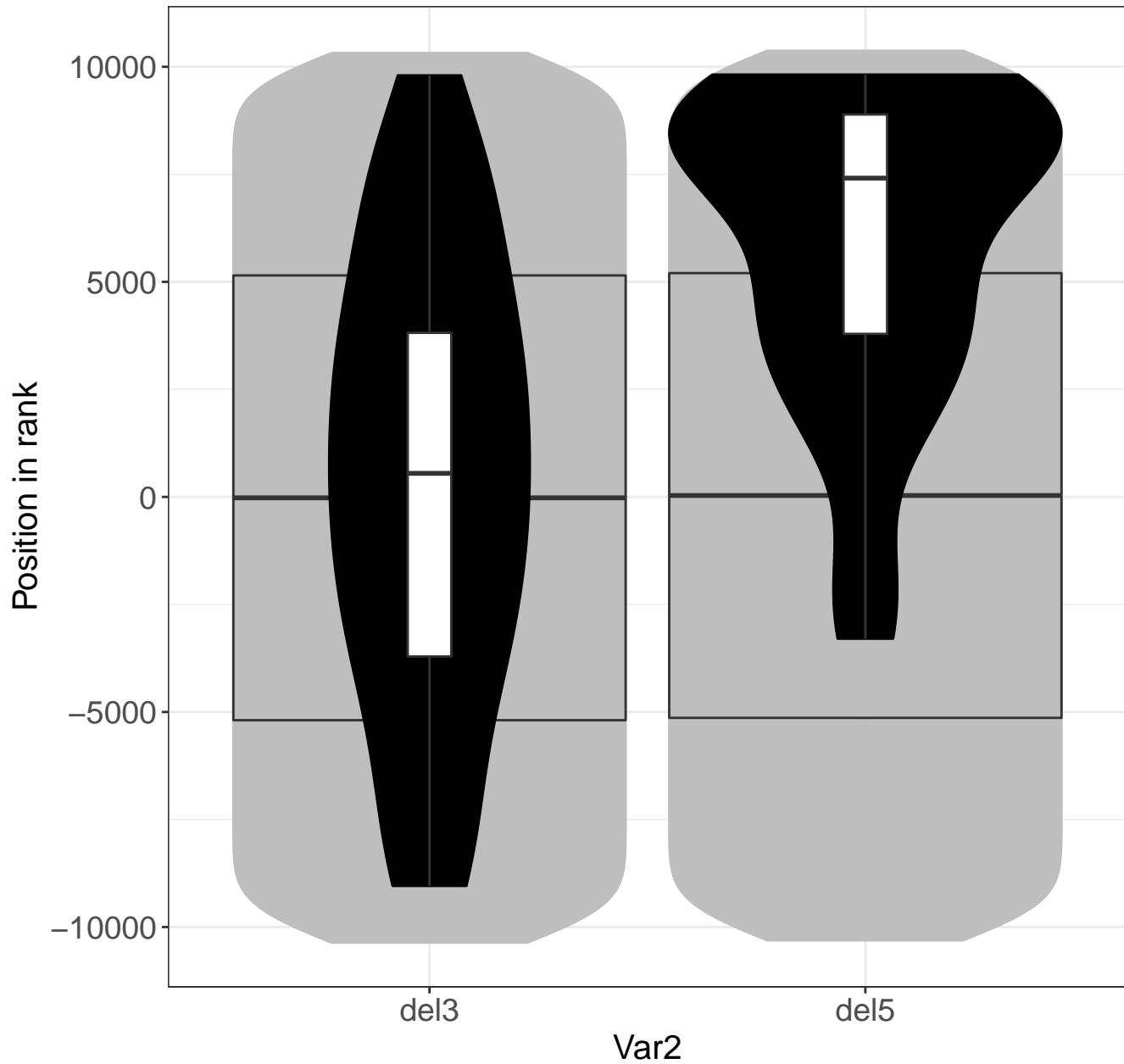
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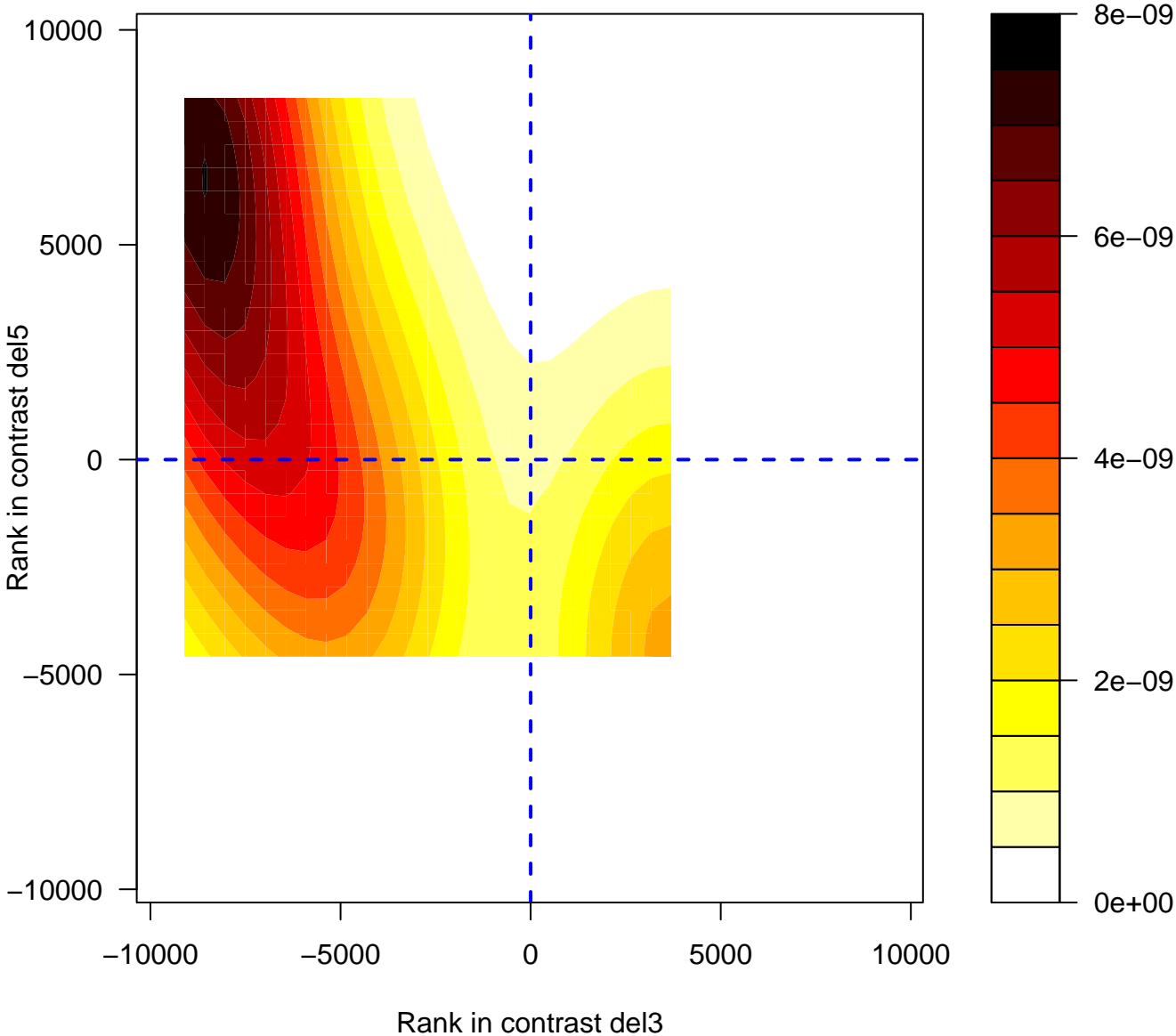
PS.lightreaction.photosystem.ii.PSII.polypeptide.subunits



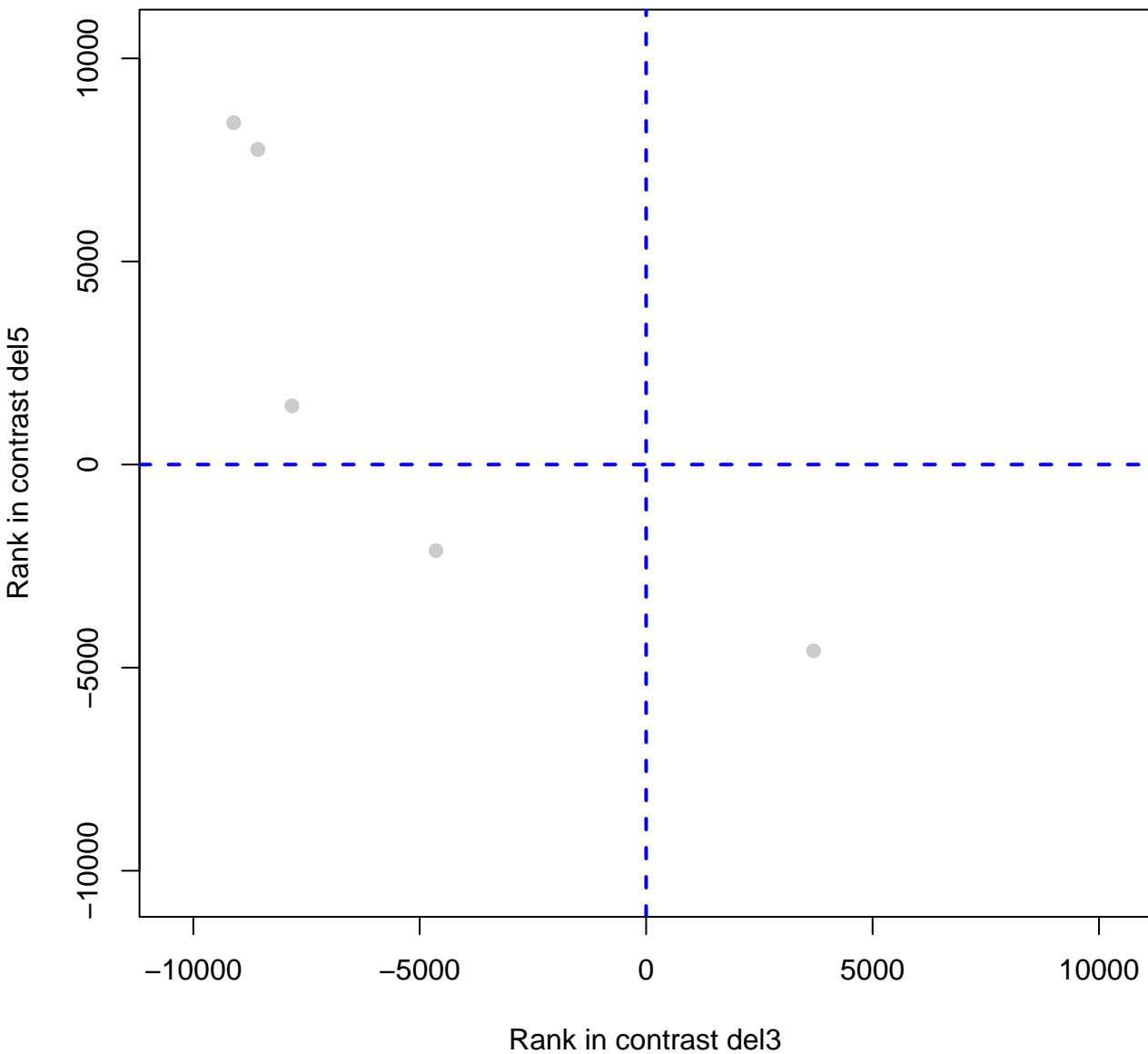
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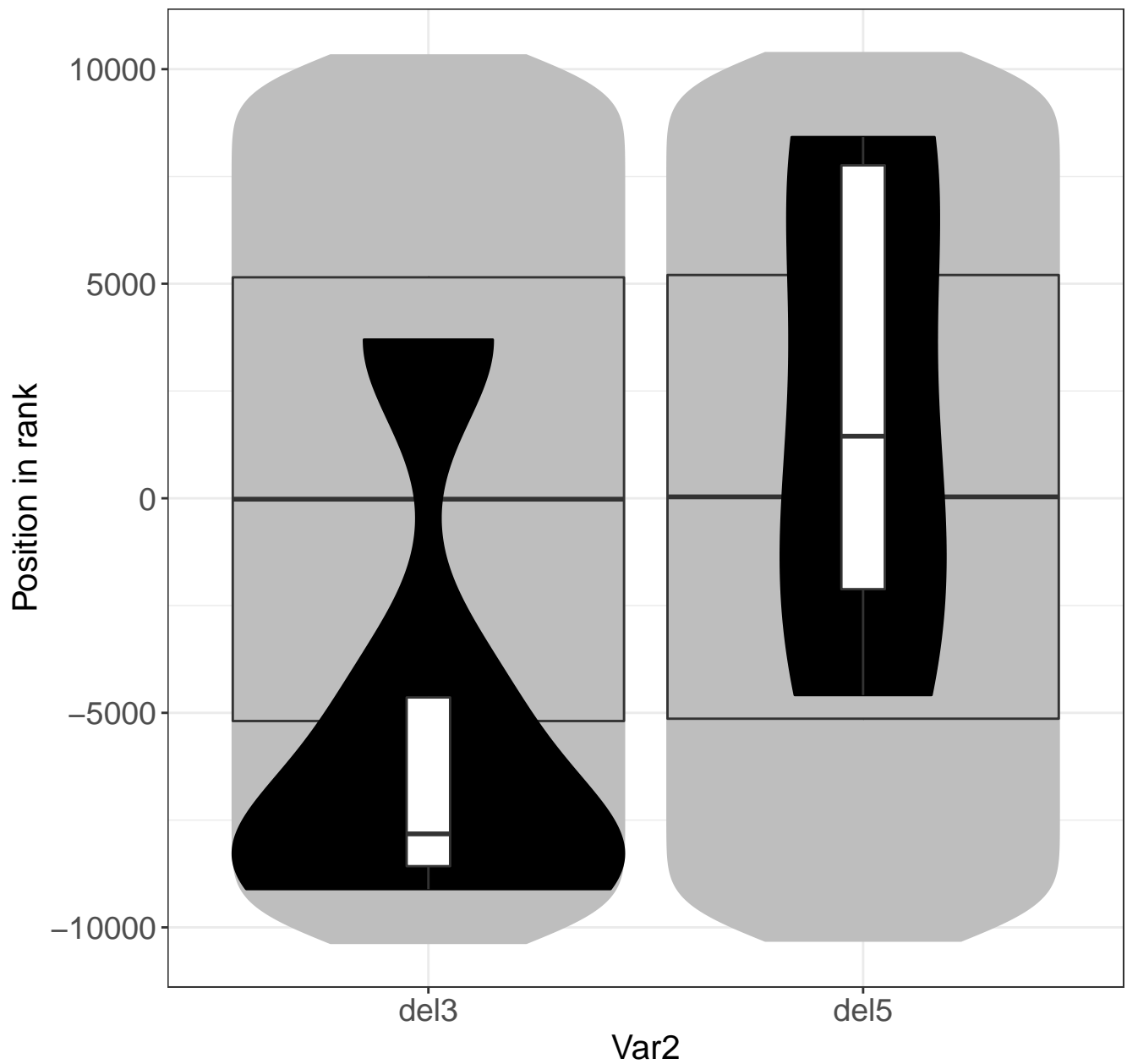
protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit



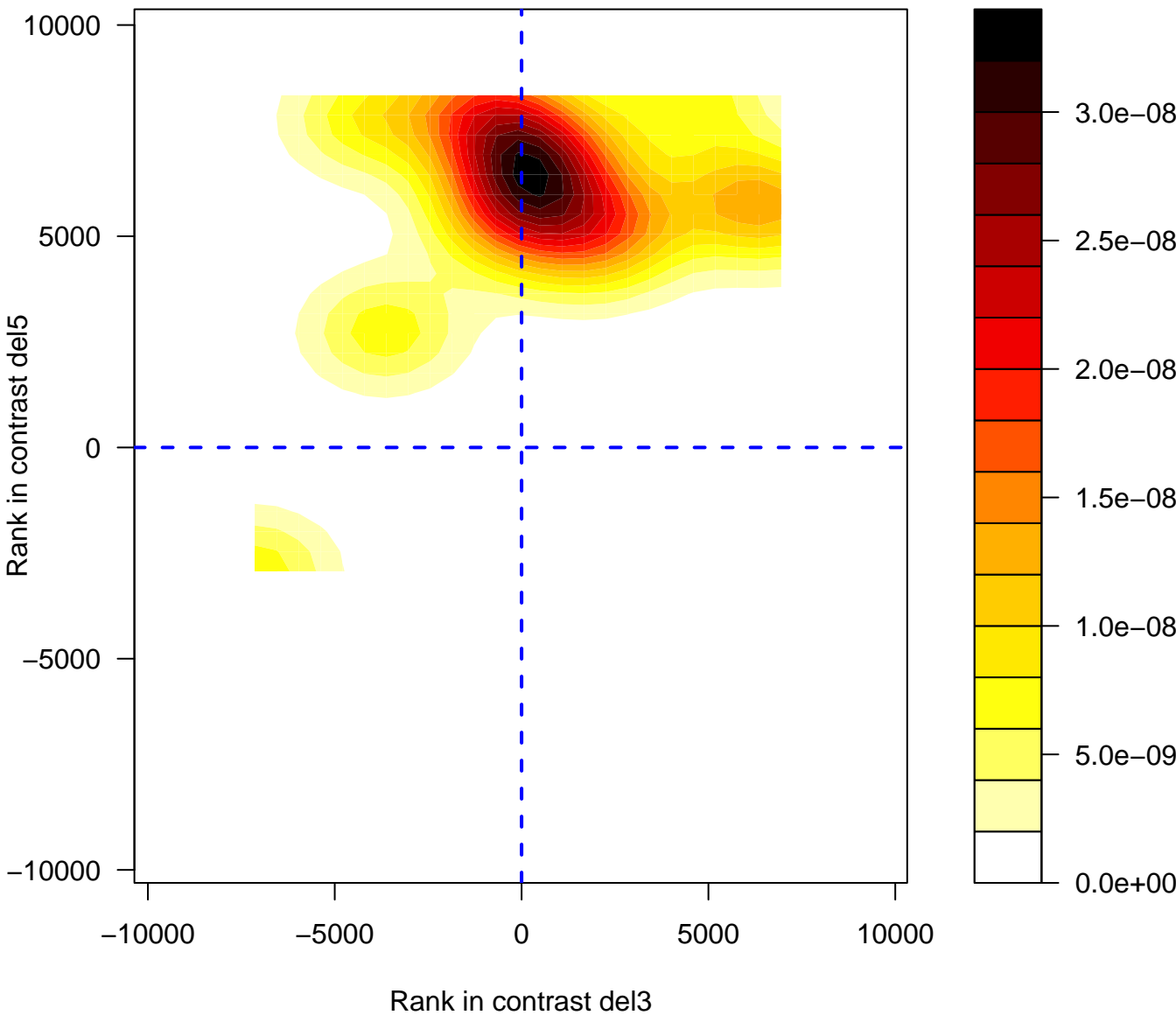
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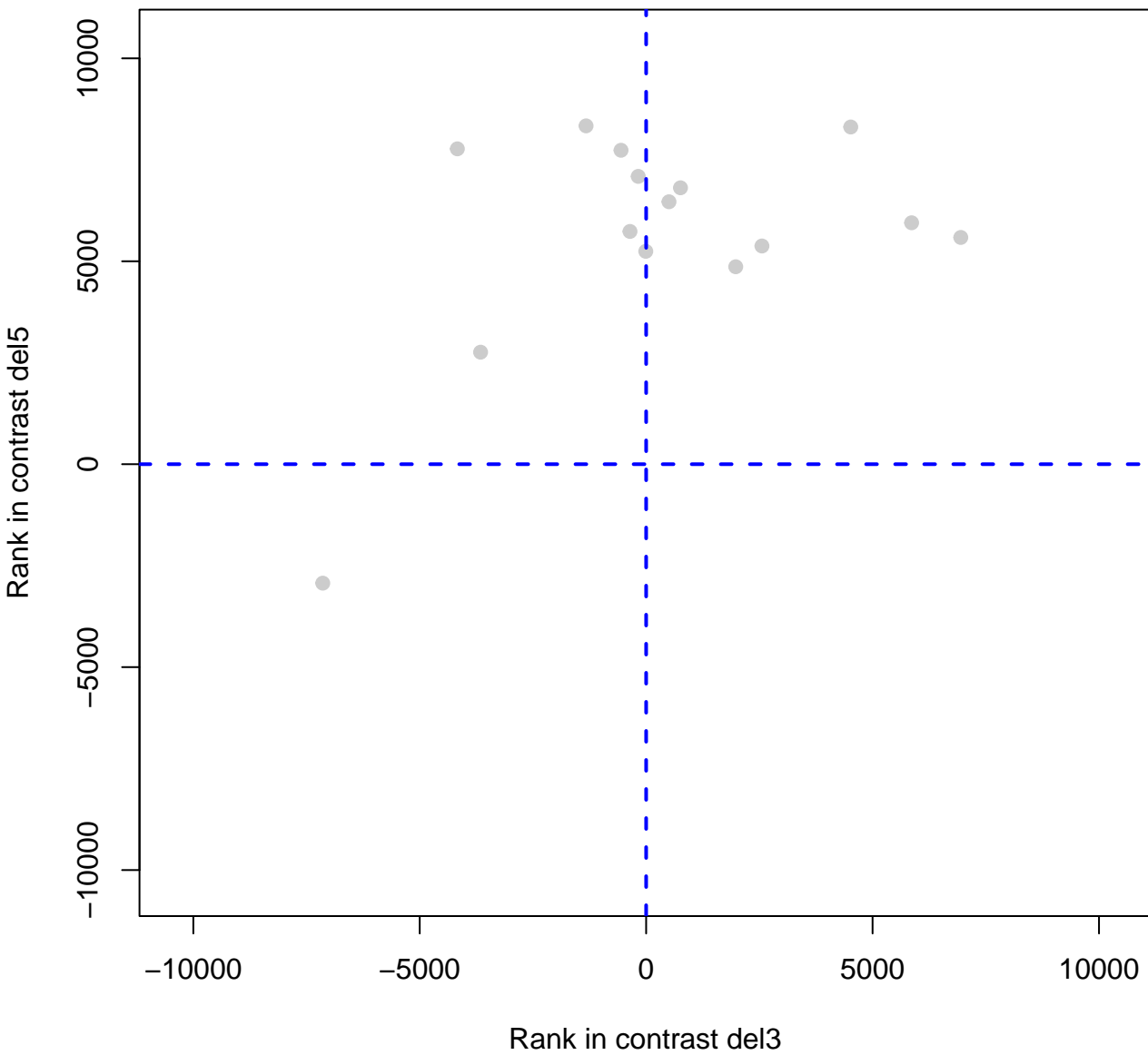
protein.synthesis.ribosomal.protein.eukaryotic.60



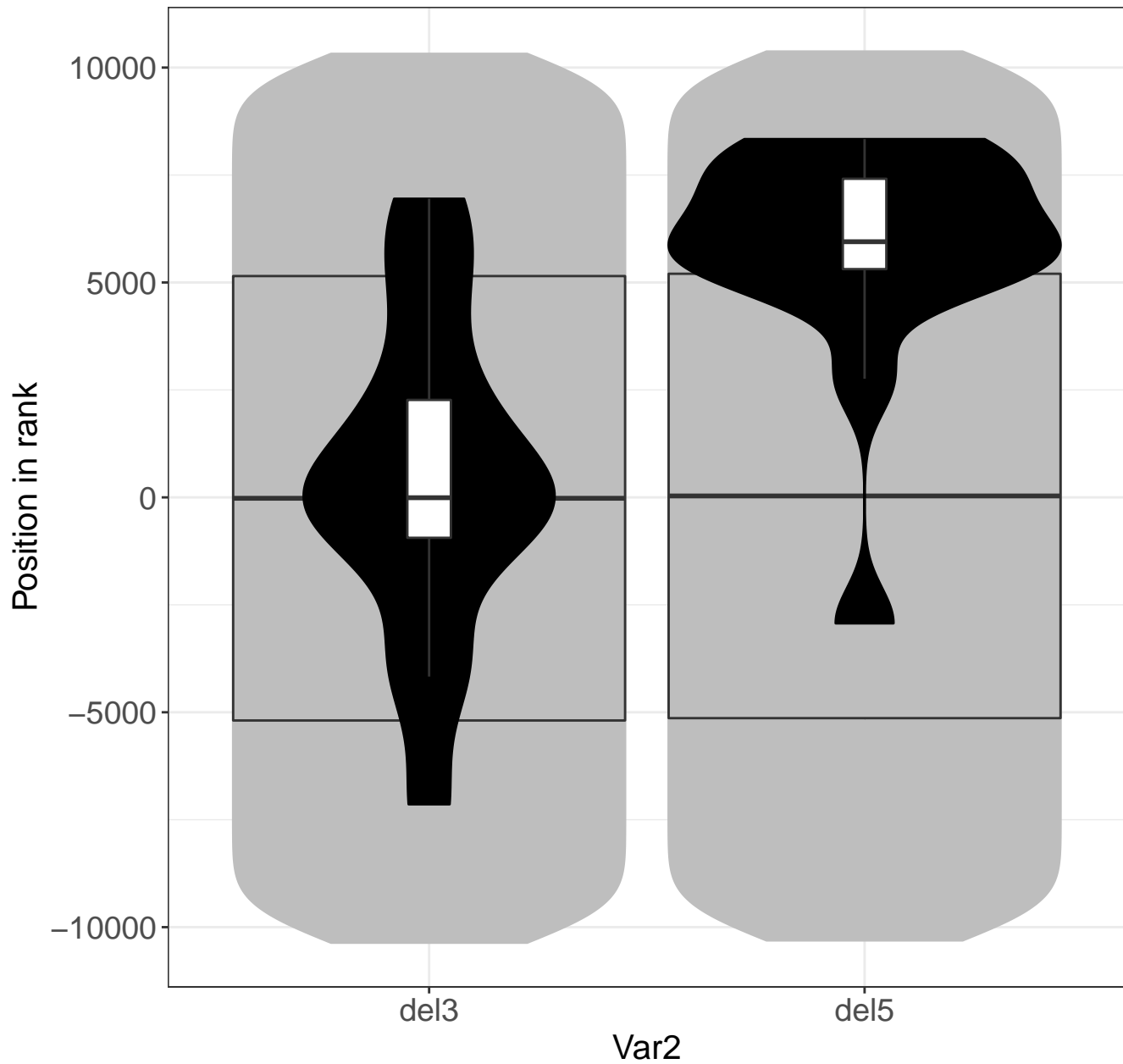
PS.lightreaction.photosystem.II.LHC.II



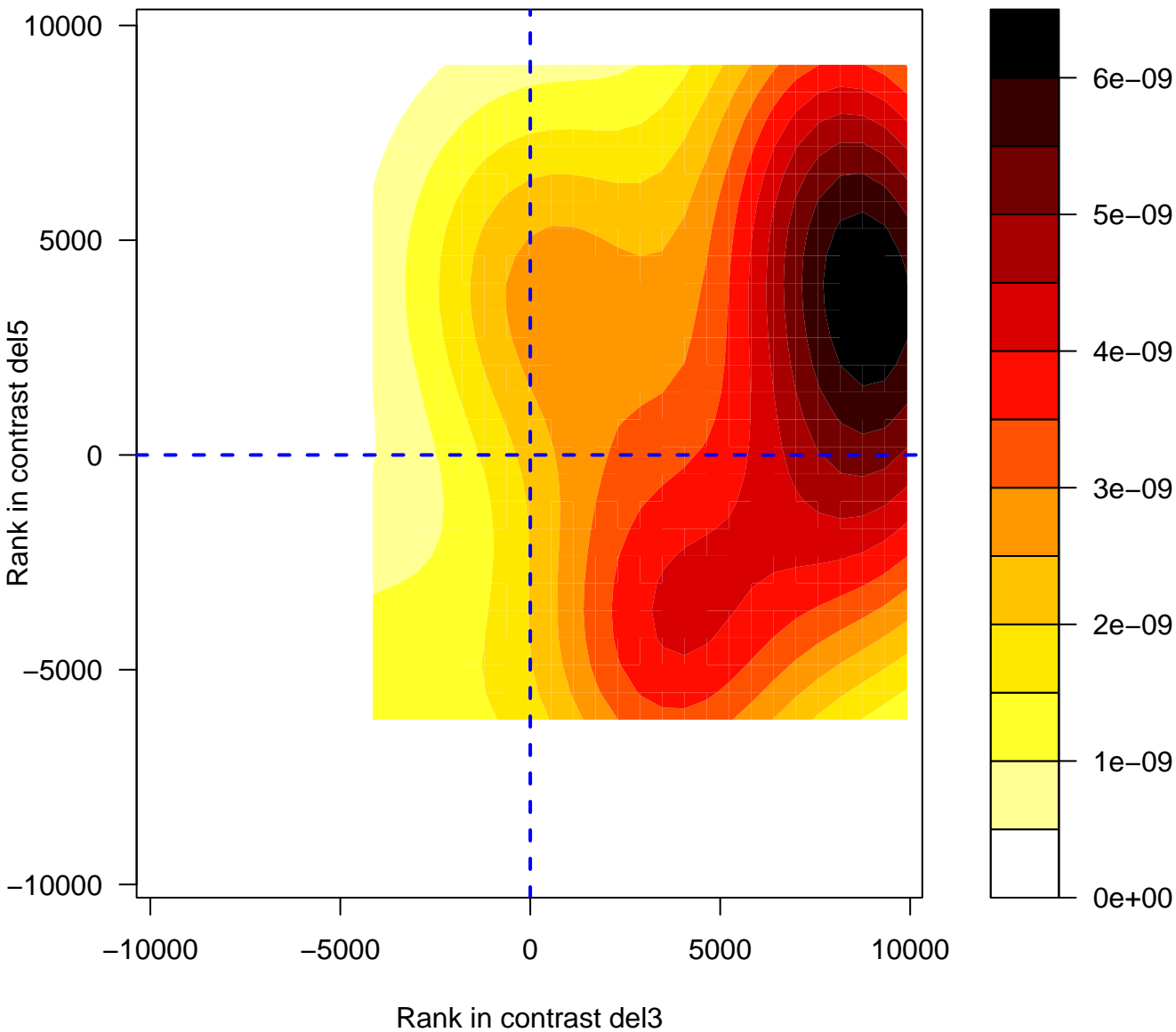
PS.lightreaction.photosystem.II.LHC.II



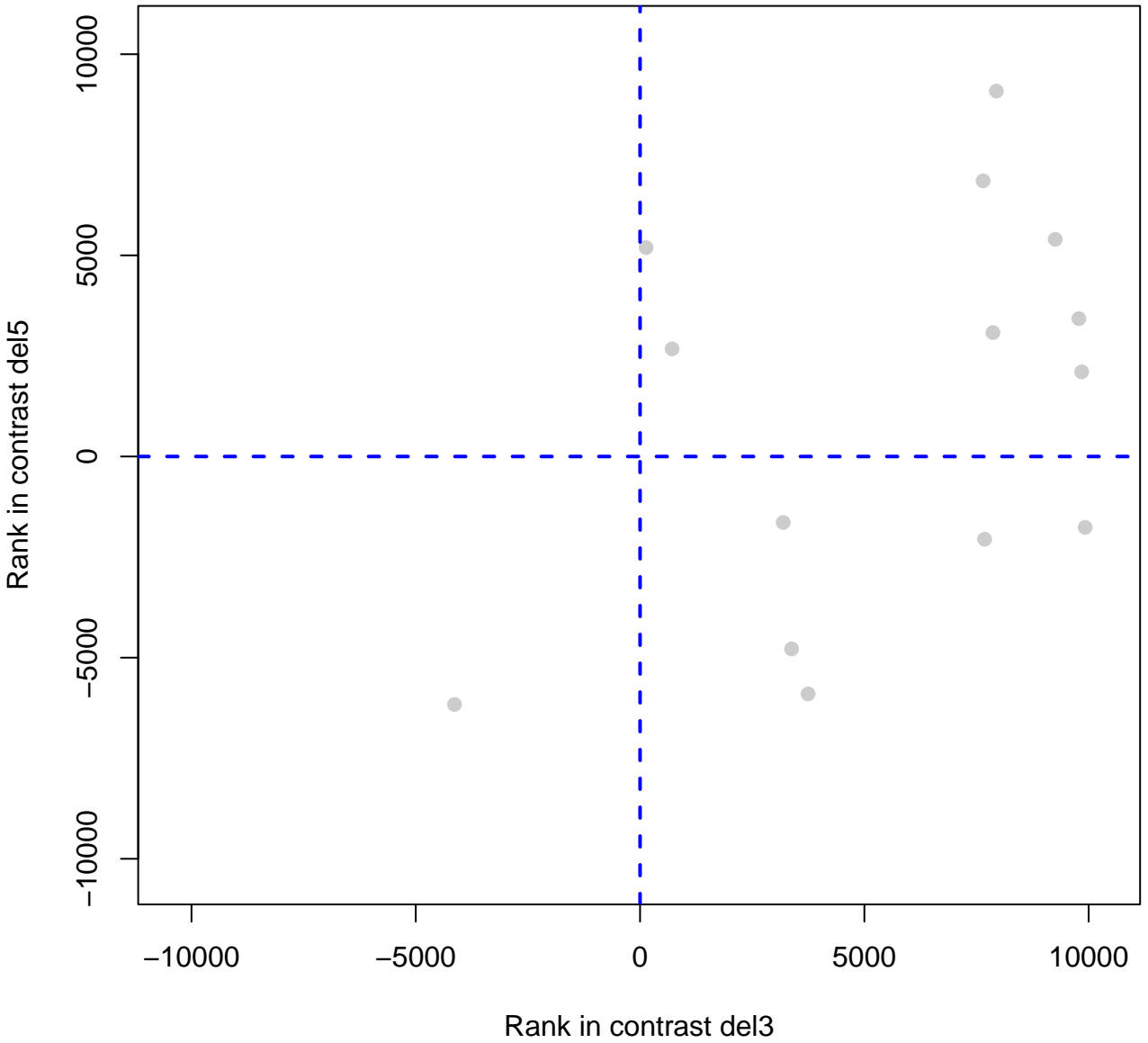
PS.lightreaction.photosystem.II.LHC.II



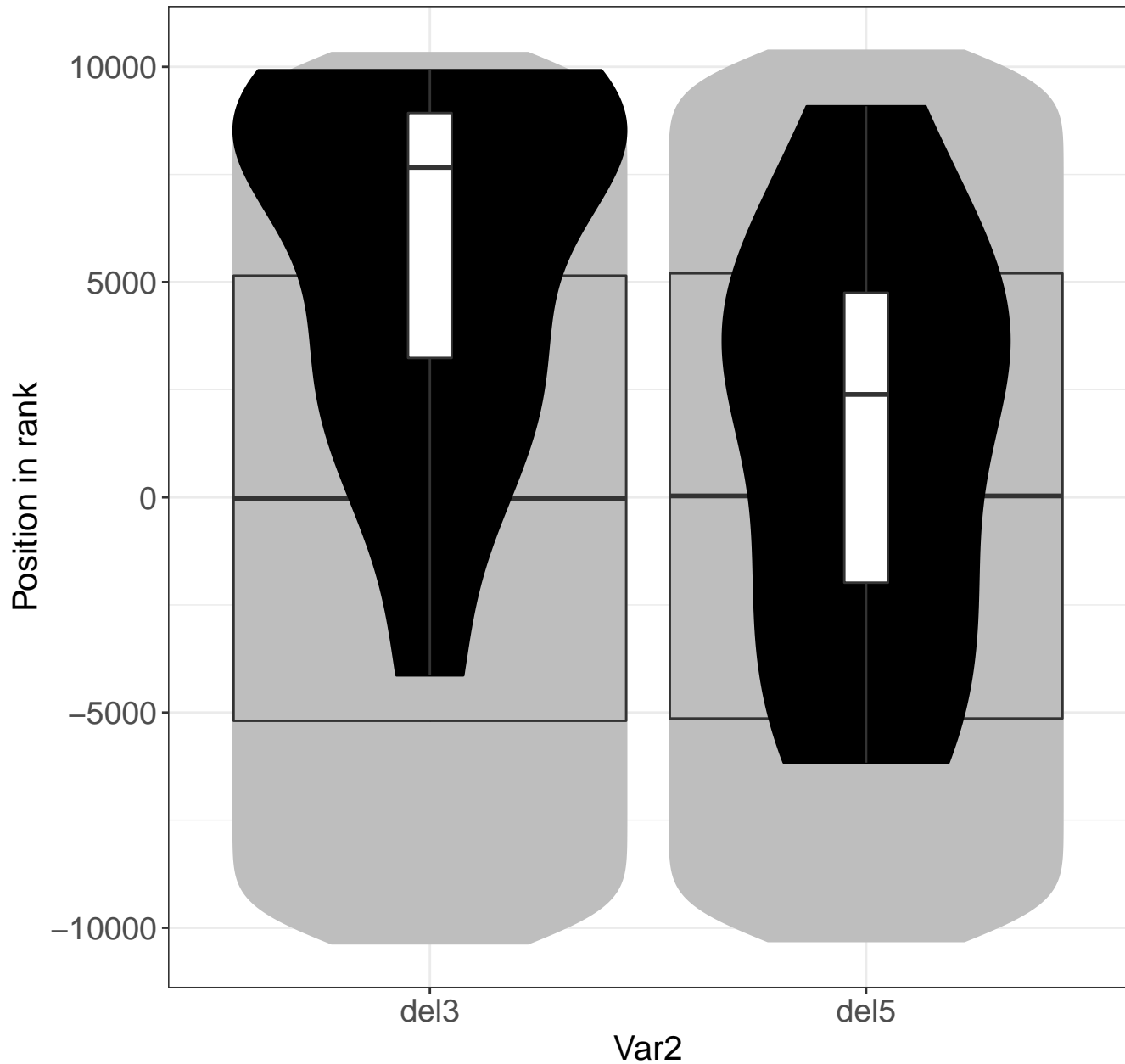
RNA.regulation.of.transcription.ARF..Auxin.Response.Factor



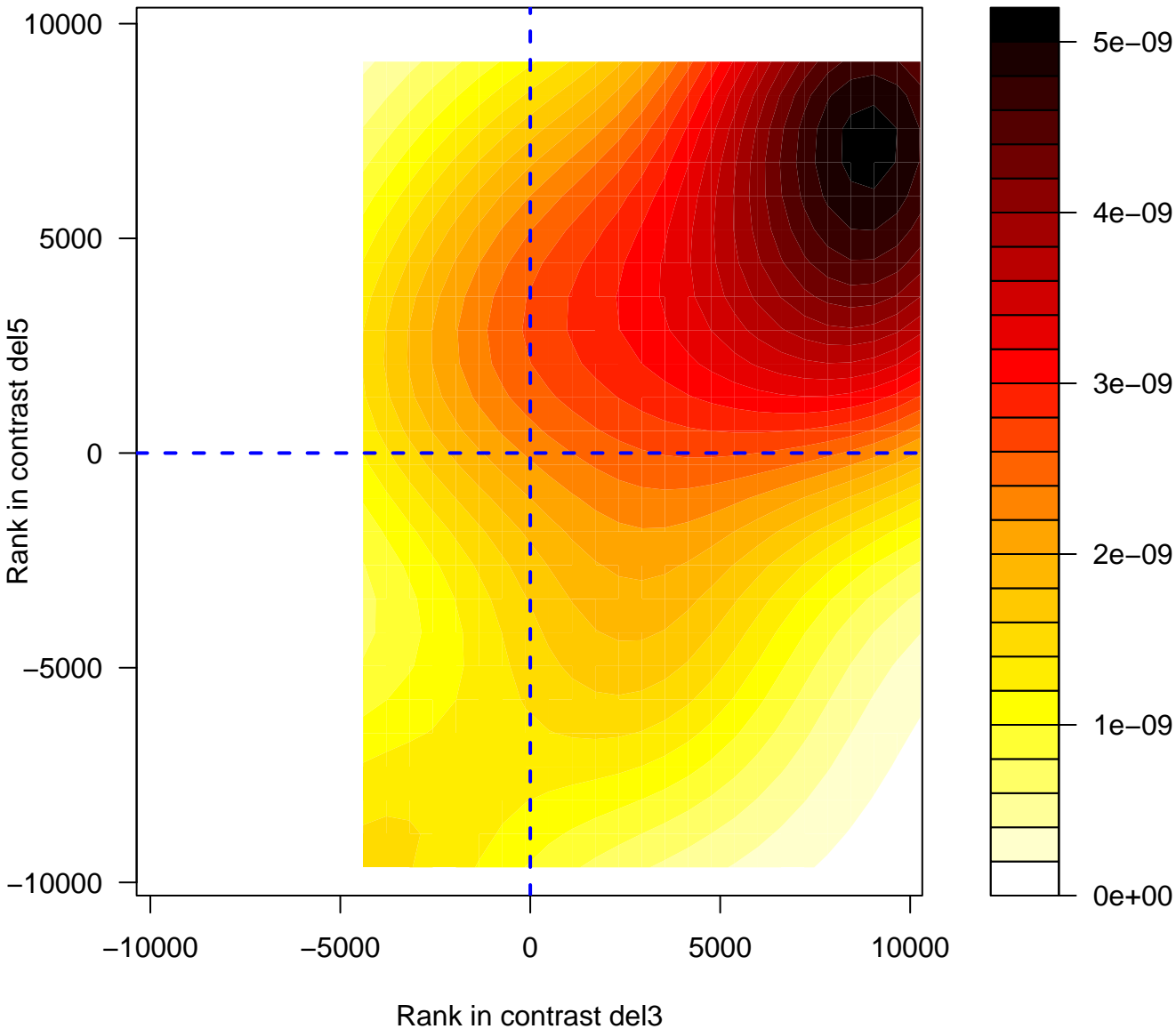
RNA.regulation.of.transcription.ARF..Auxin.Response.Factor.family



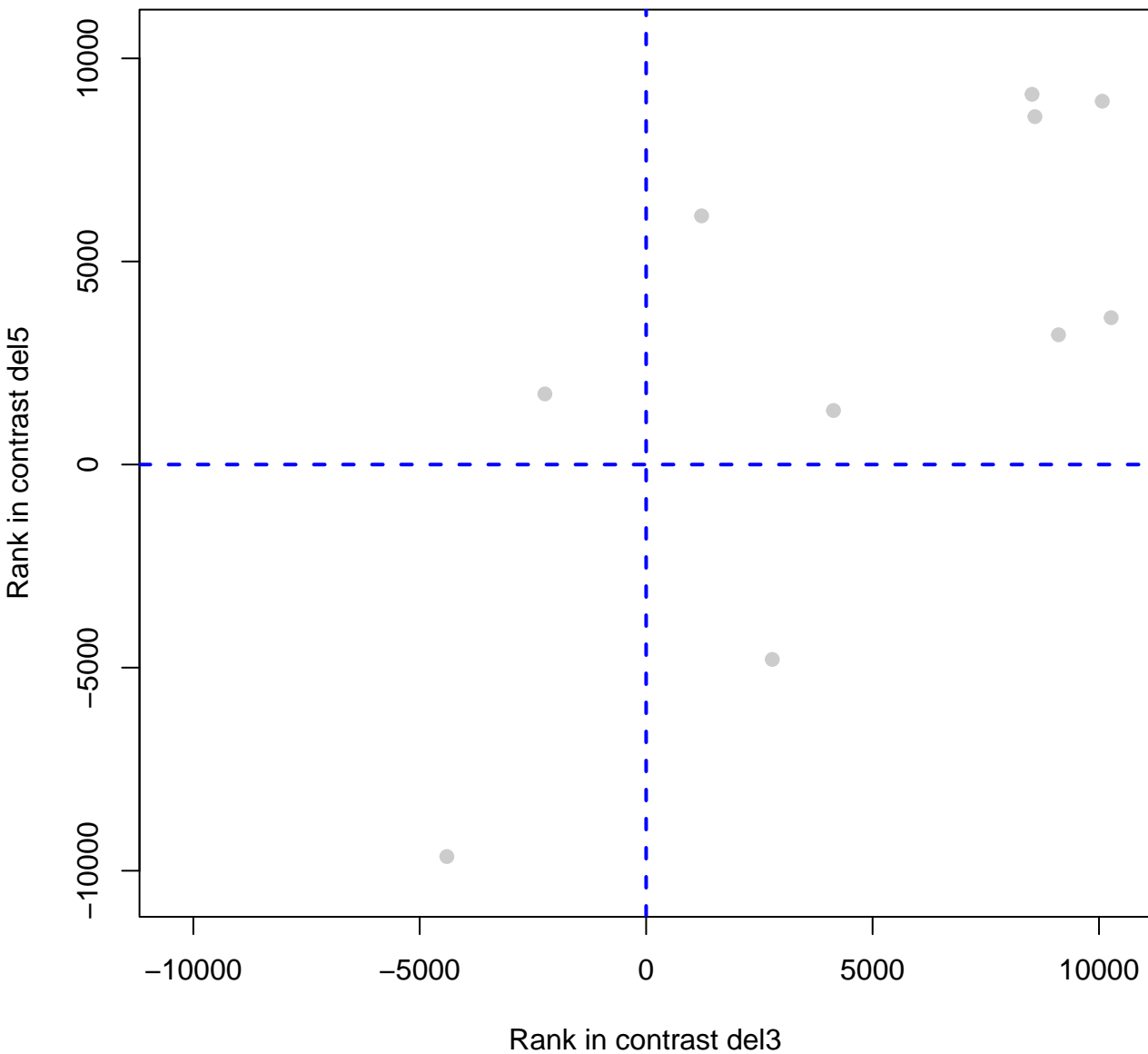
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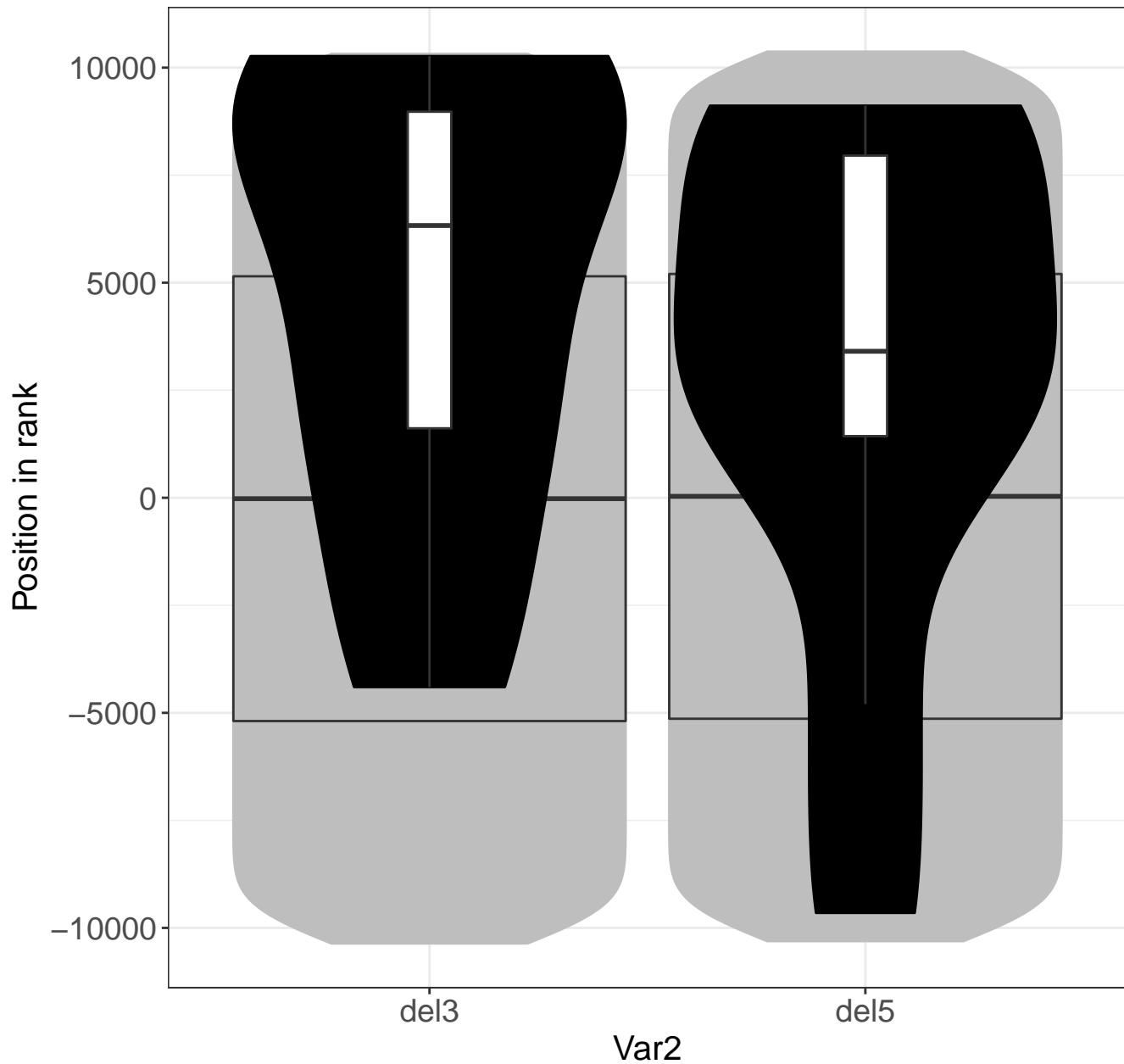
NA.regulation.of.transcription.CCAAT.box.binding.factor.fami



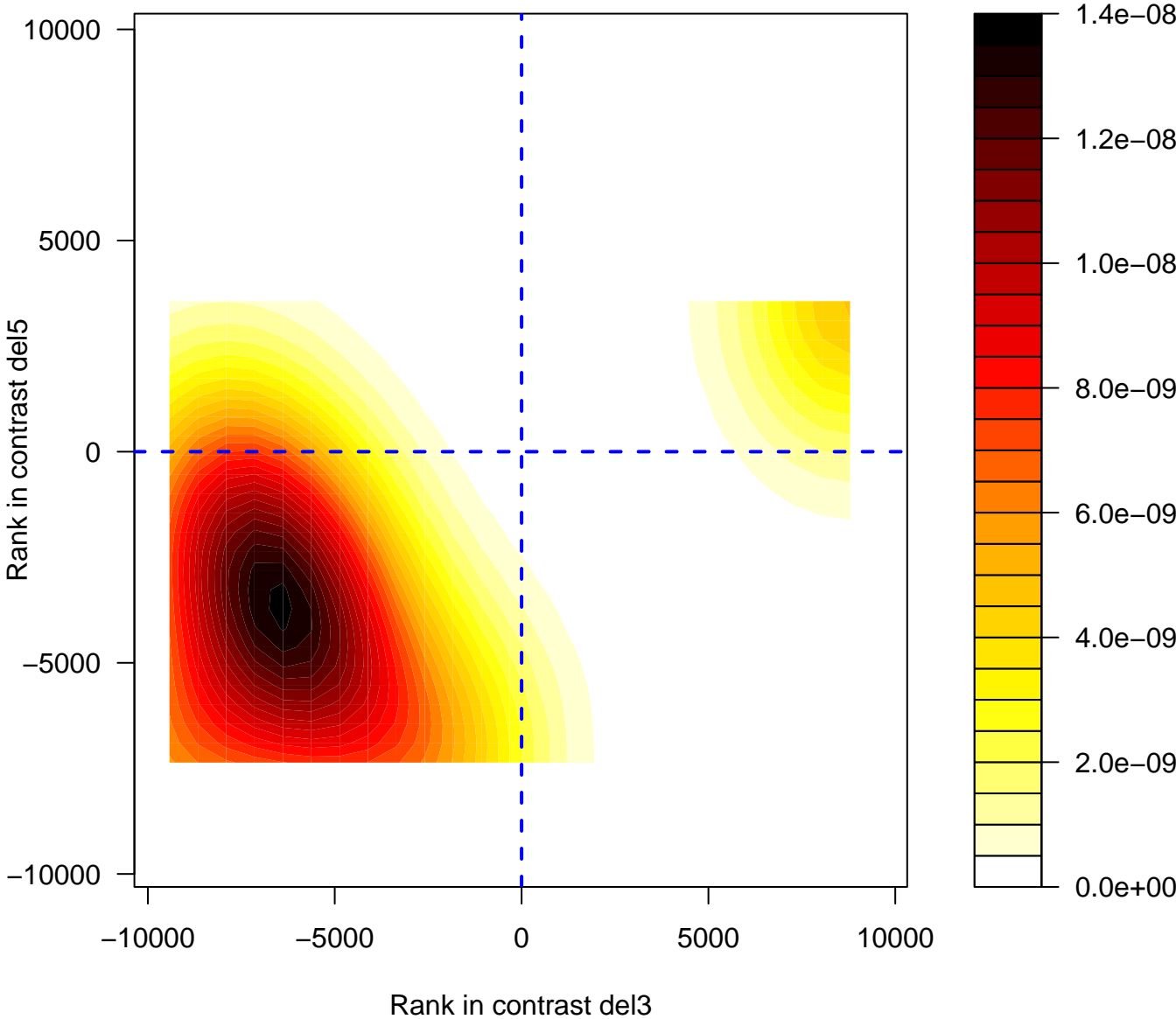
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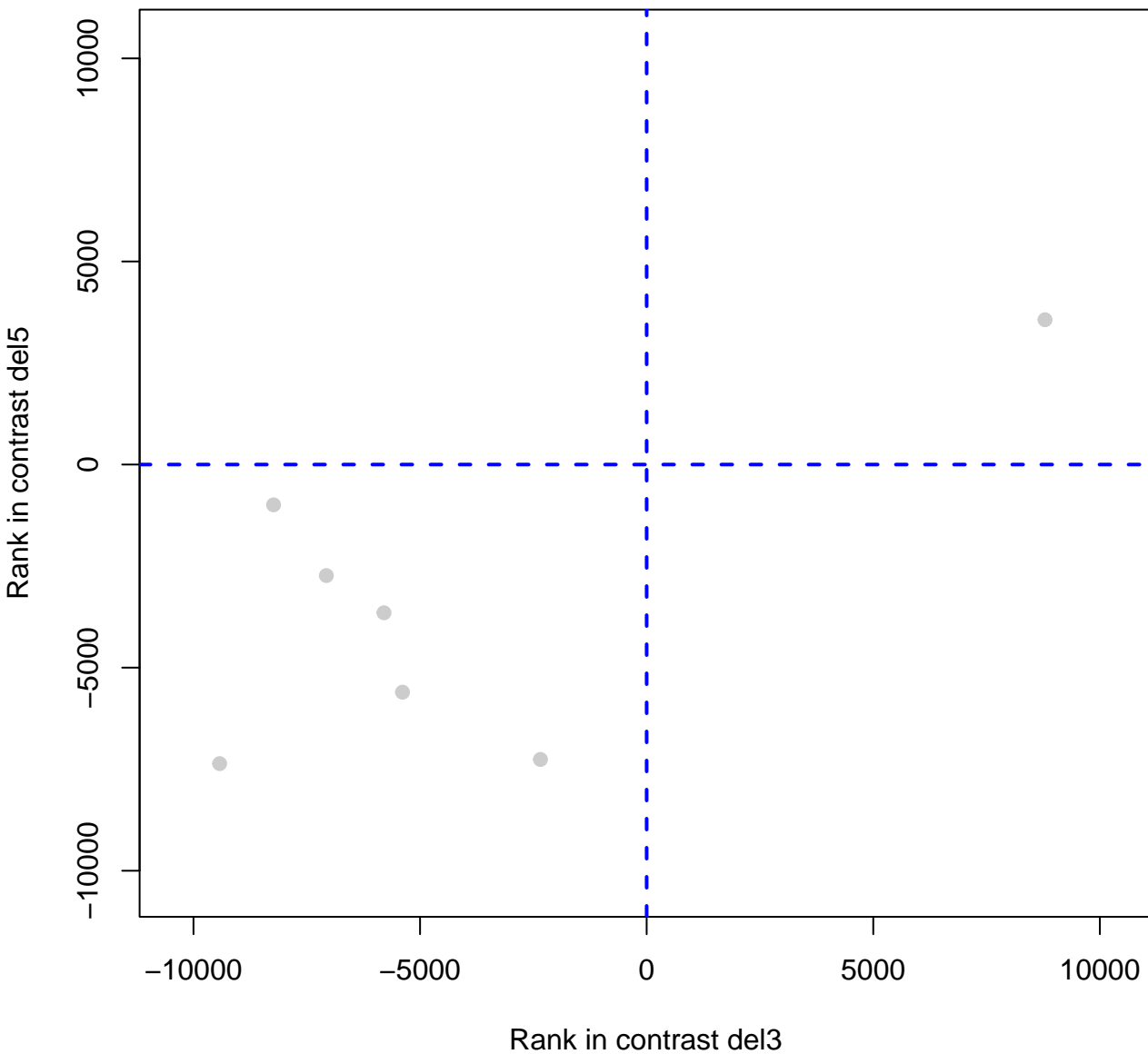
RNA.regulation.of.transcription.CCAAT.box.binding



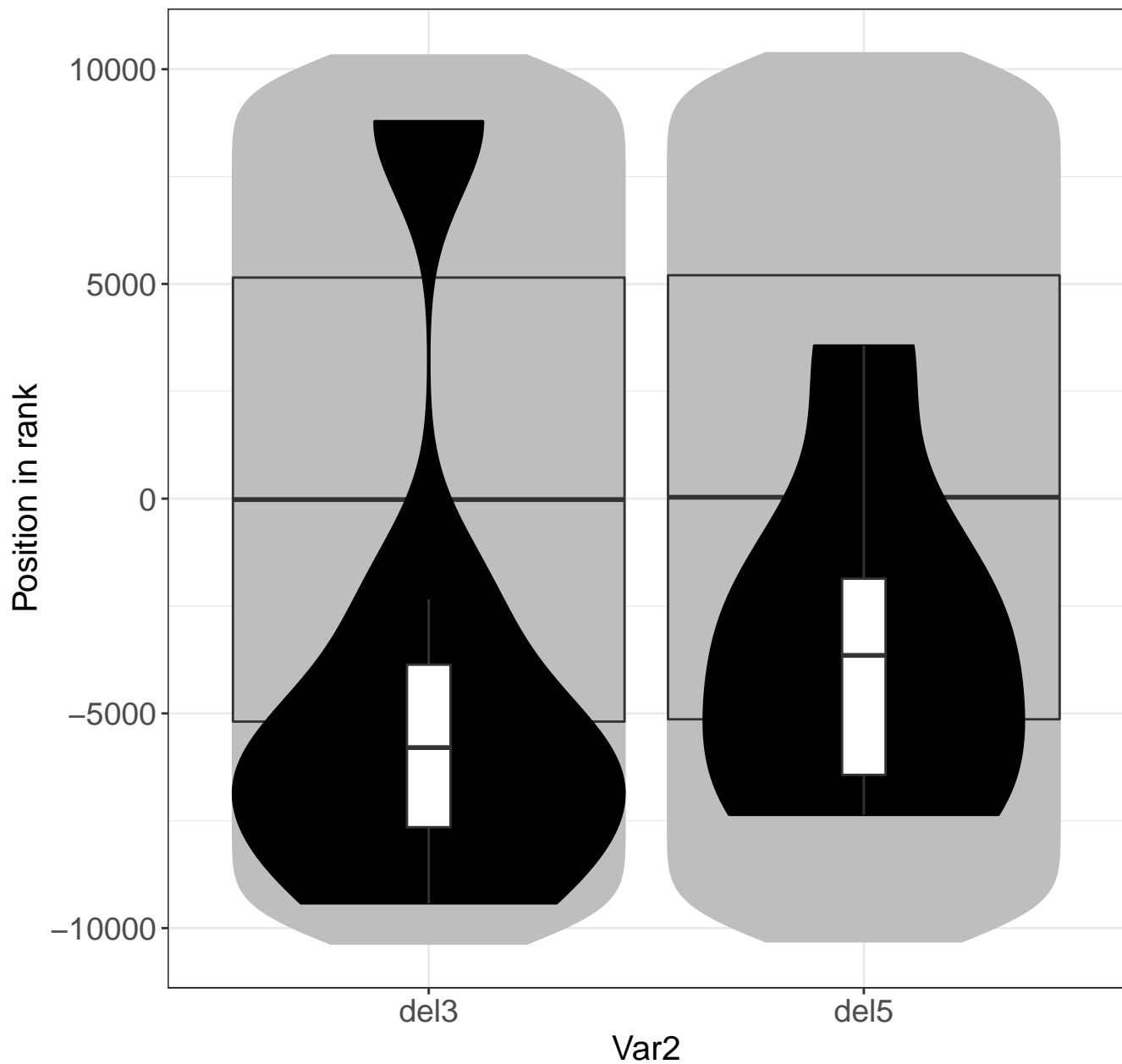
protein.synthesis.ribosome.biogenesis.export.from.nucle



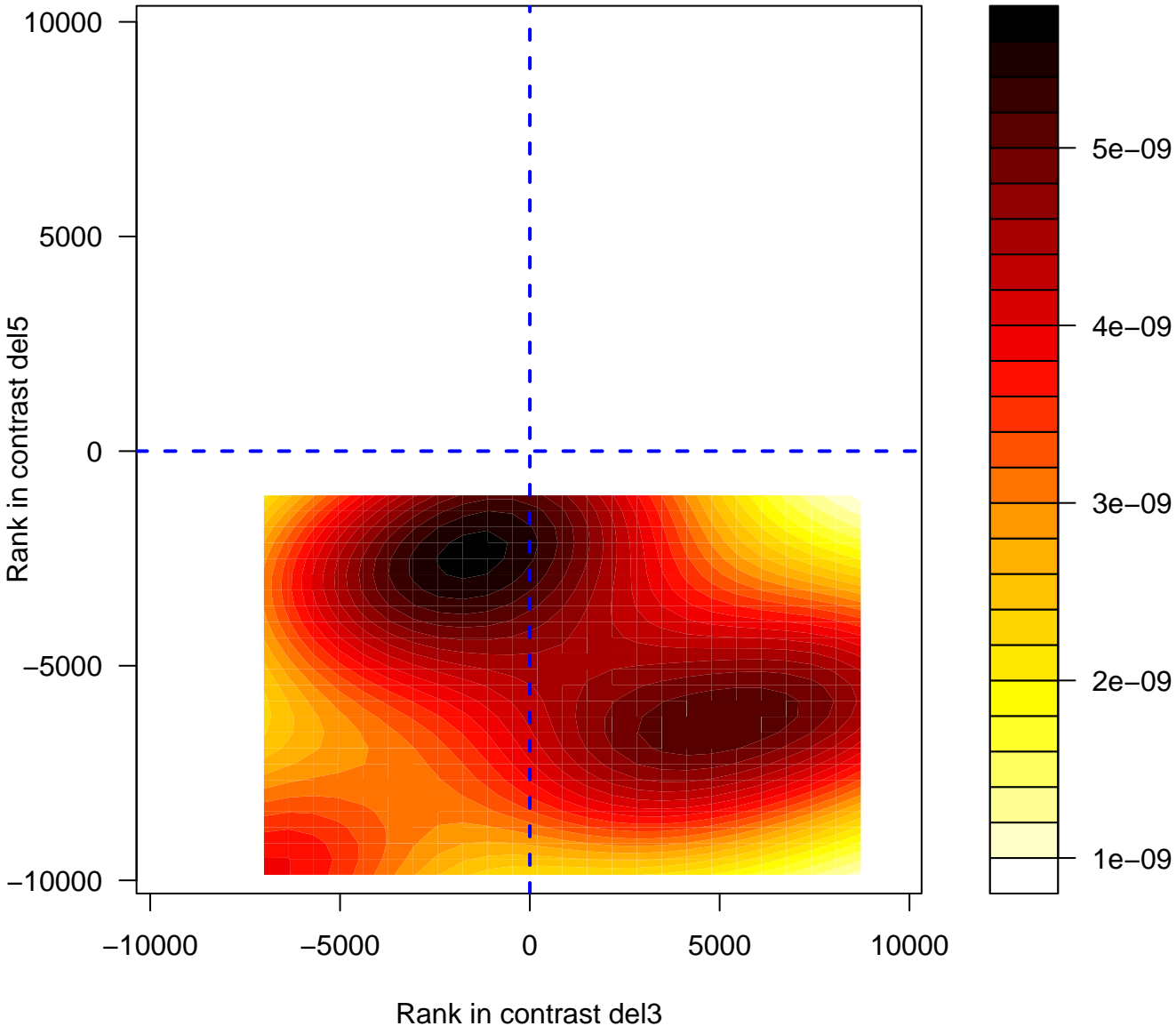
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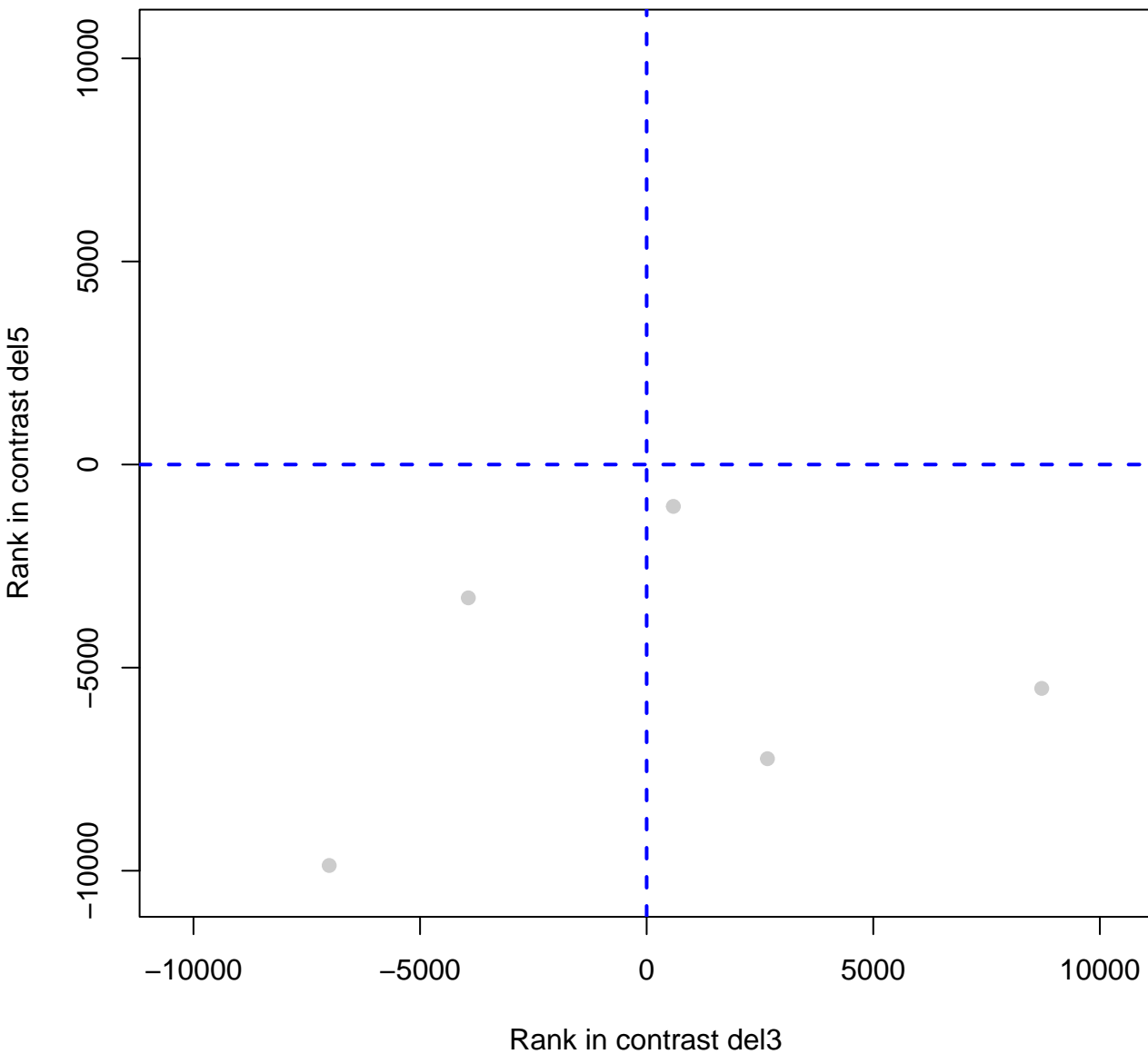
protein.synthesis.ribosome.biogenesis.export.fro



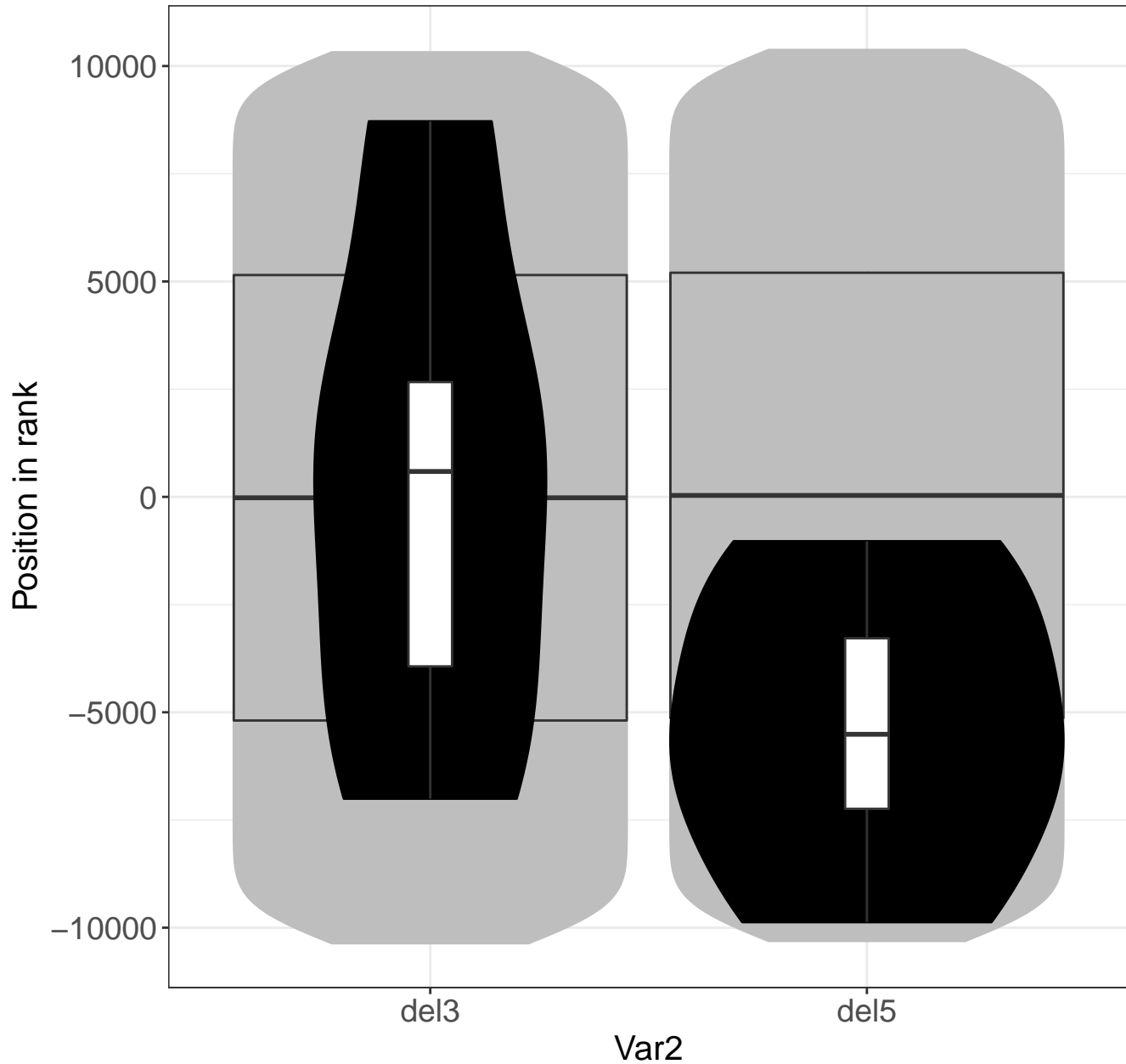
Biodegradation.of.Xenobiotics.hydroxyacylglutathione.hydr



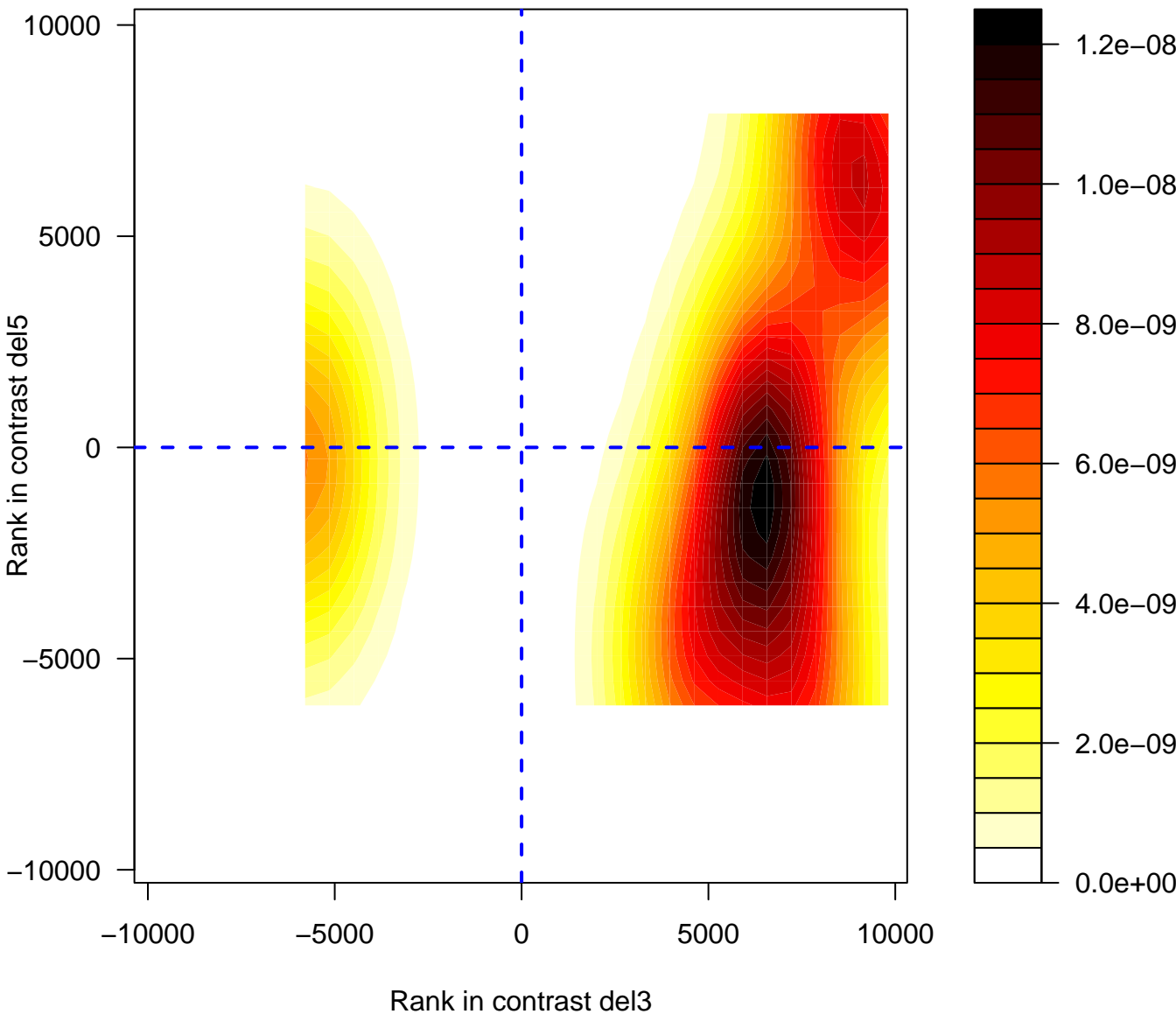
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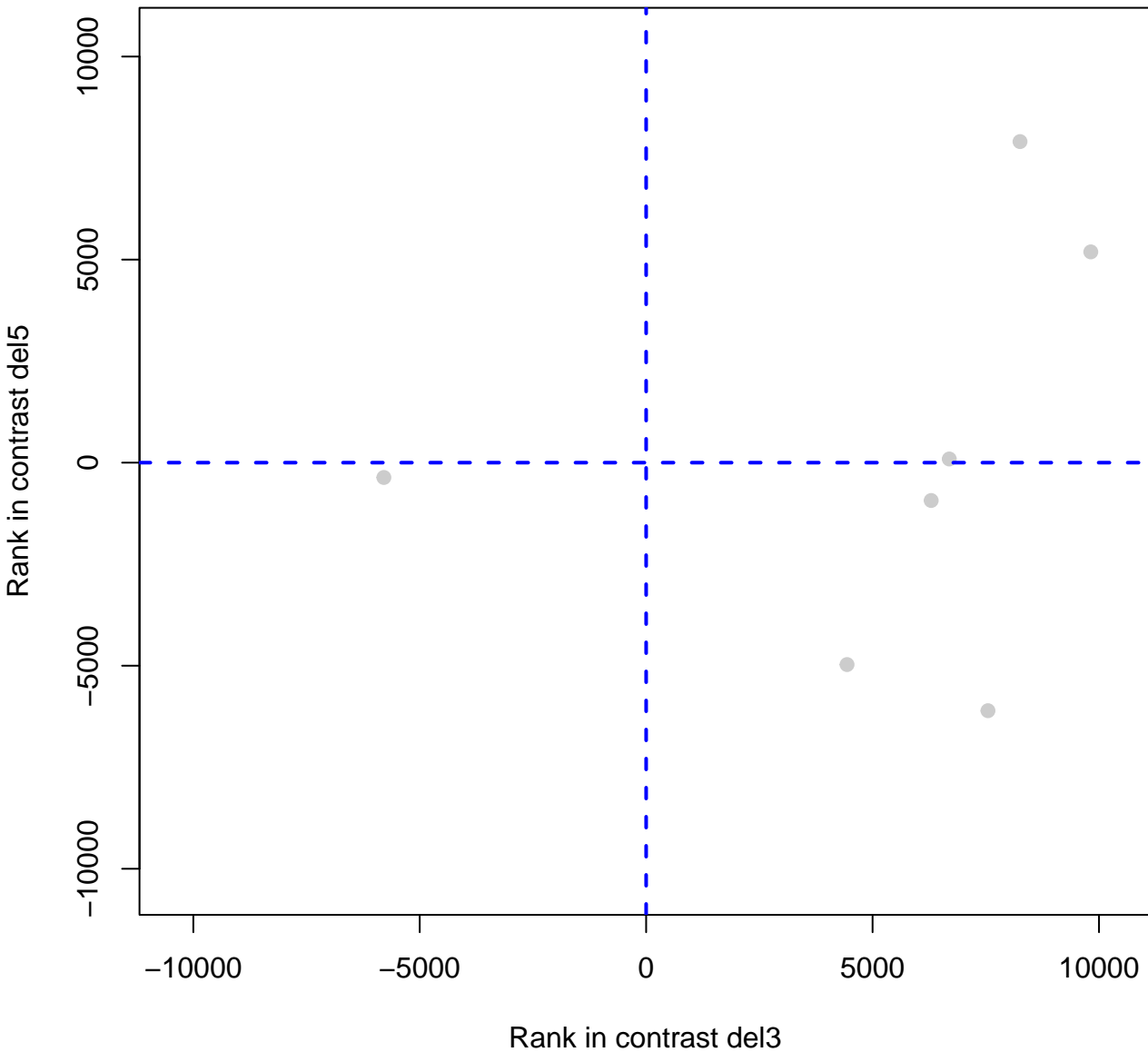
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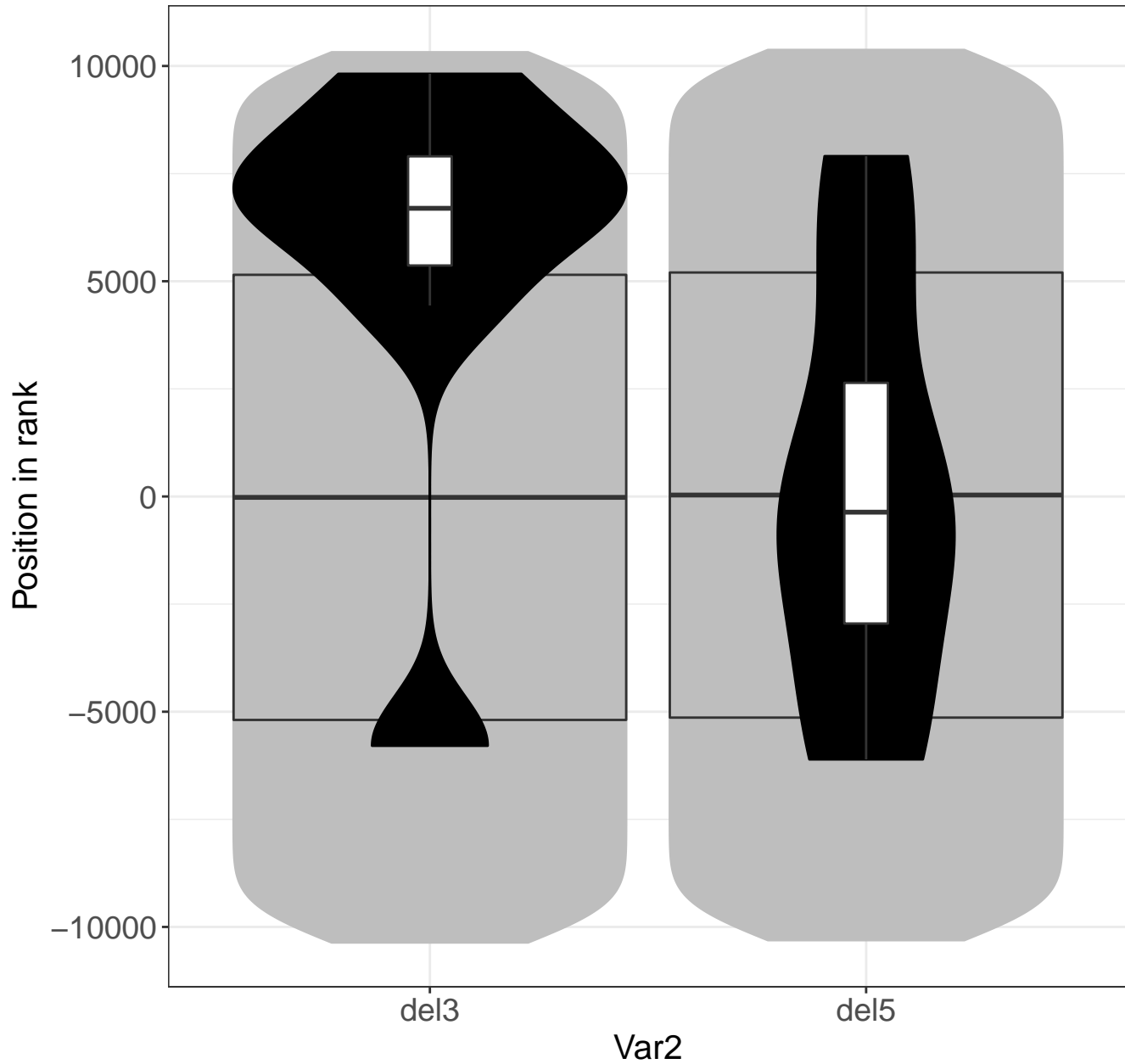
transport.NDP.sugars.at.the.ER



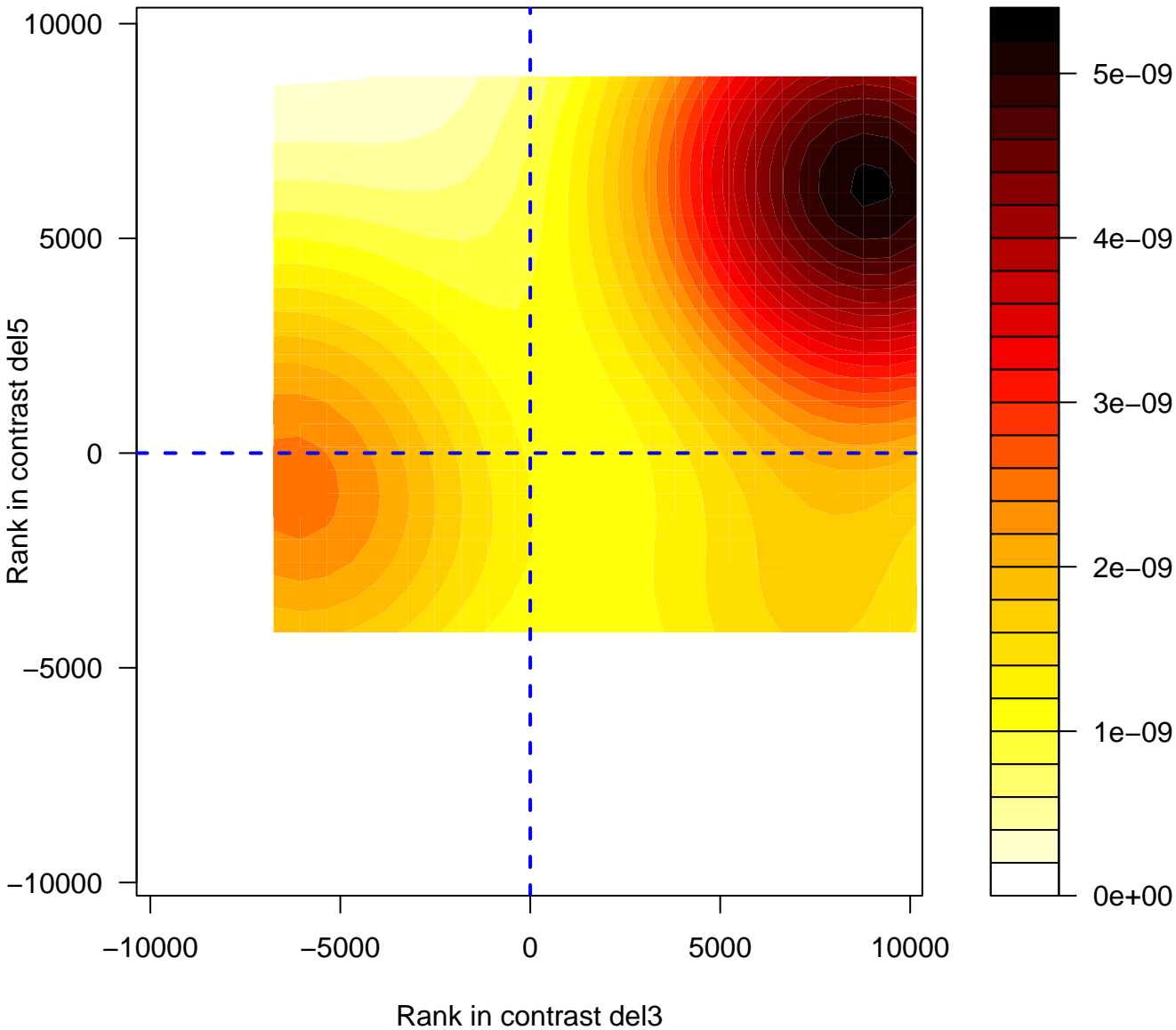
transport.NDP.sugars.at.the.ER



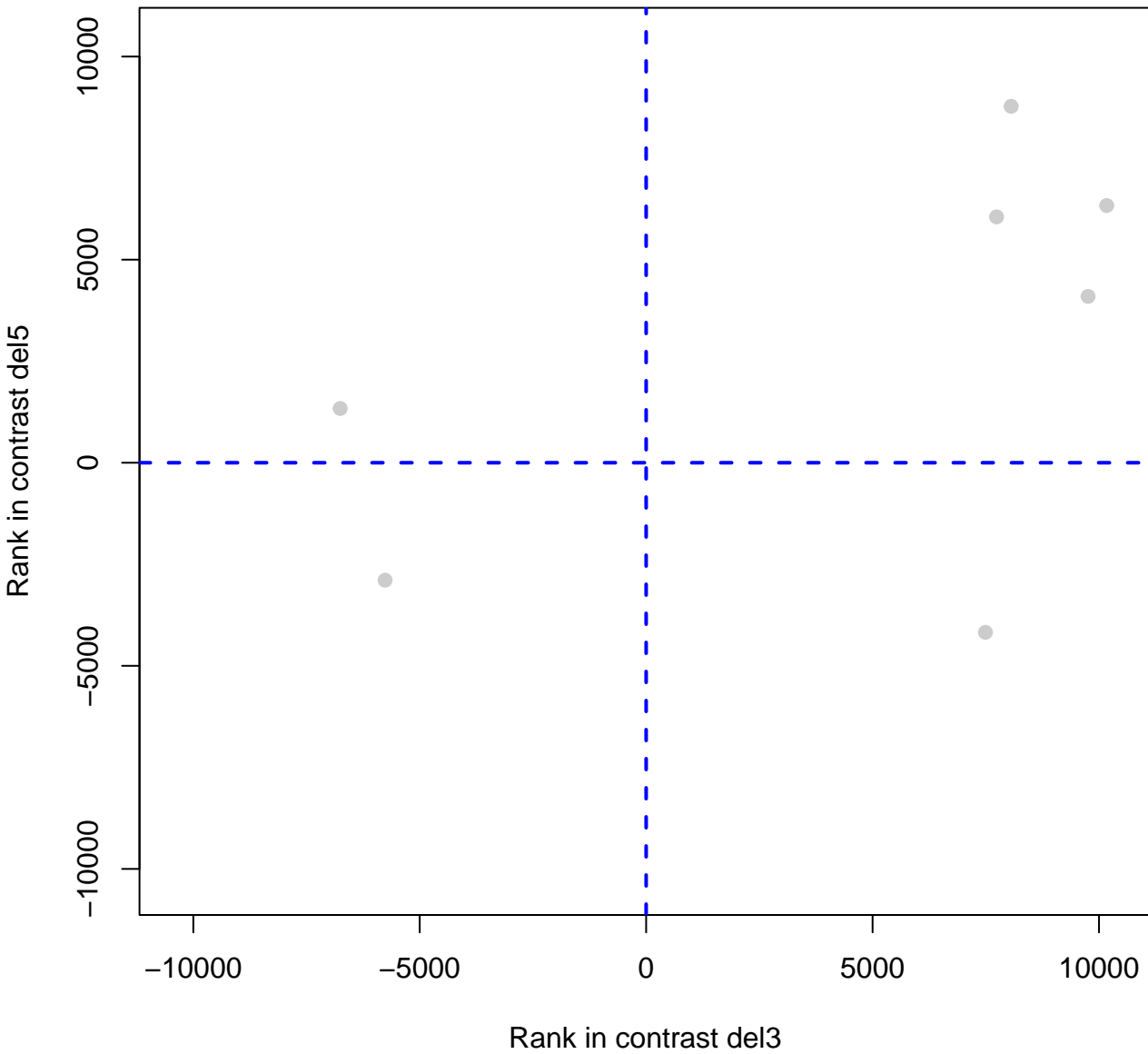
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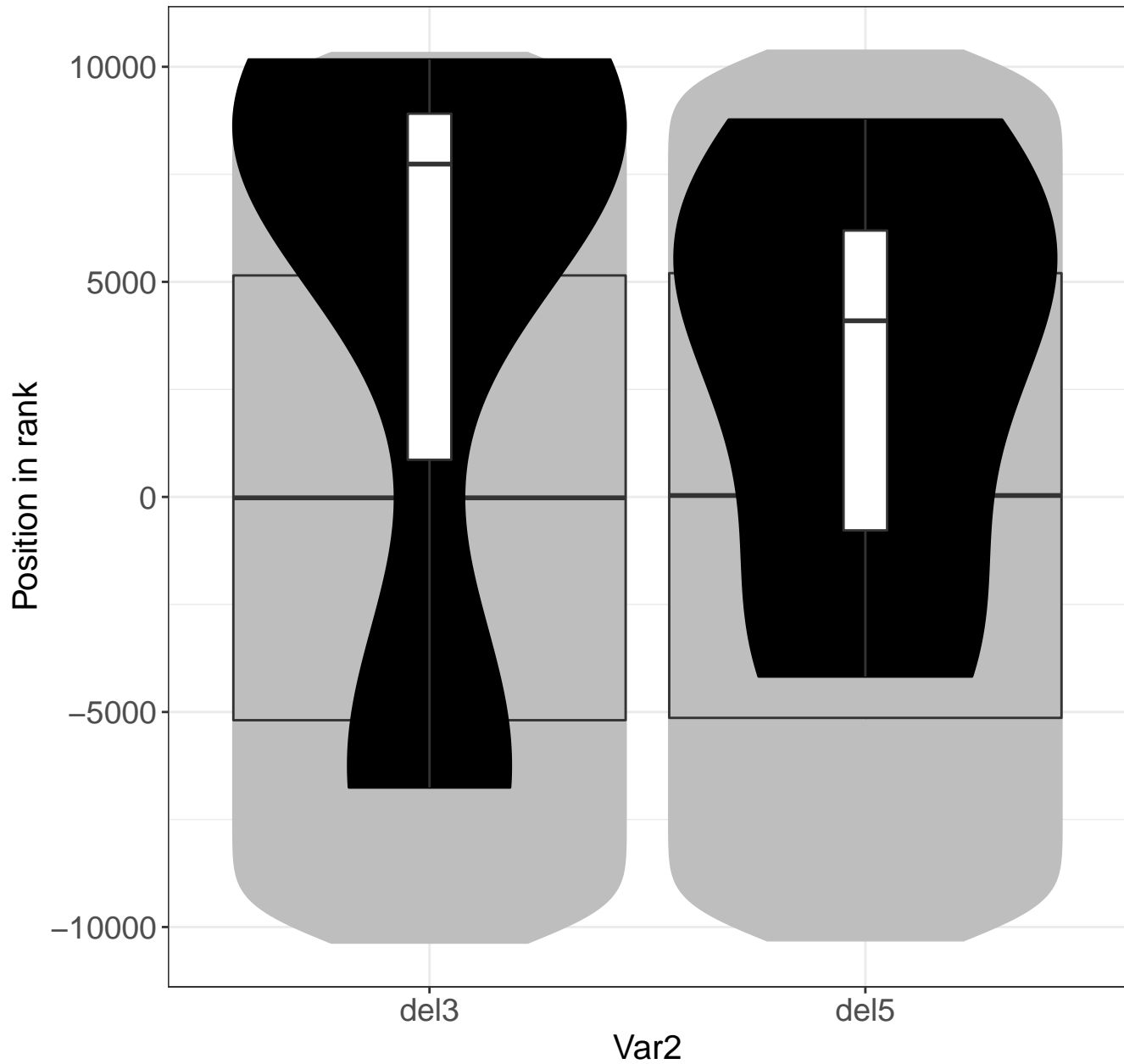
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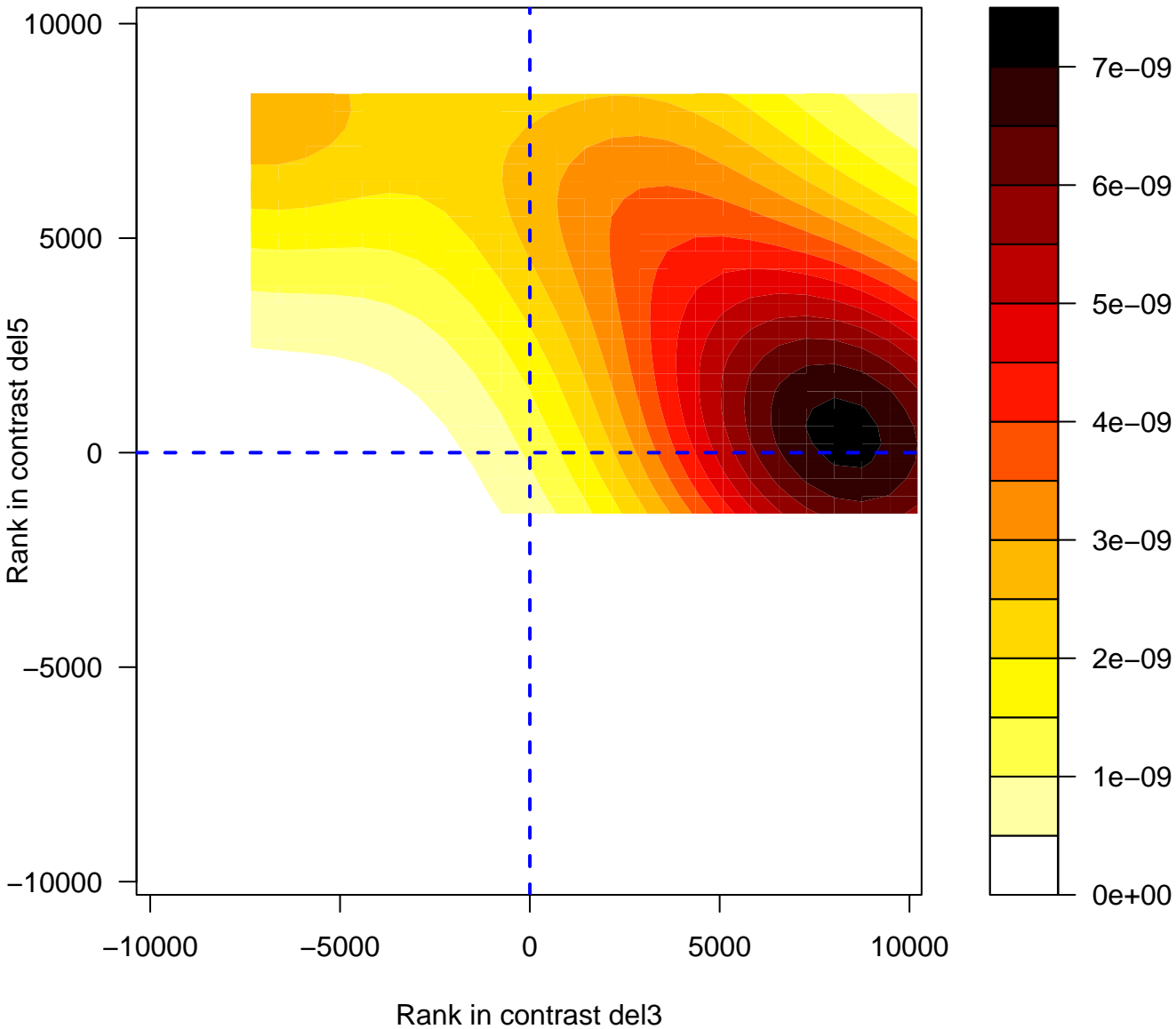
transport.sugars.sucrose



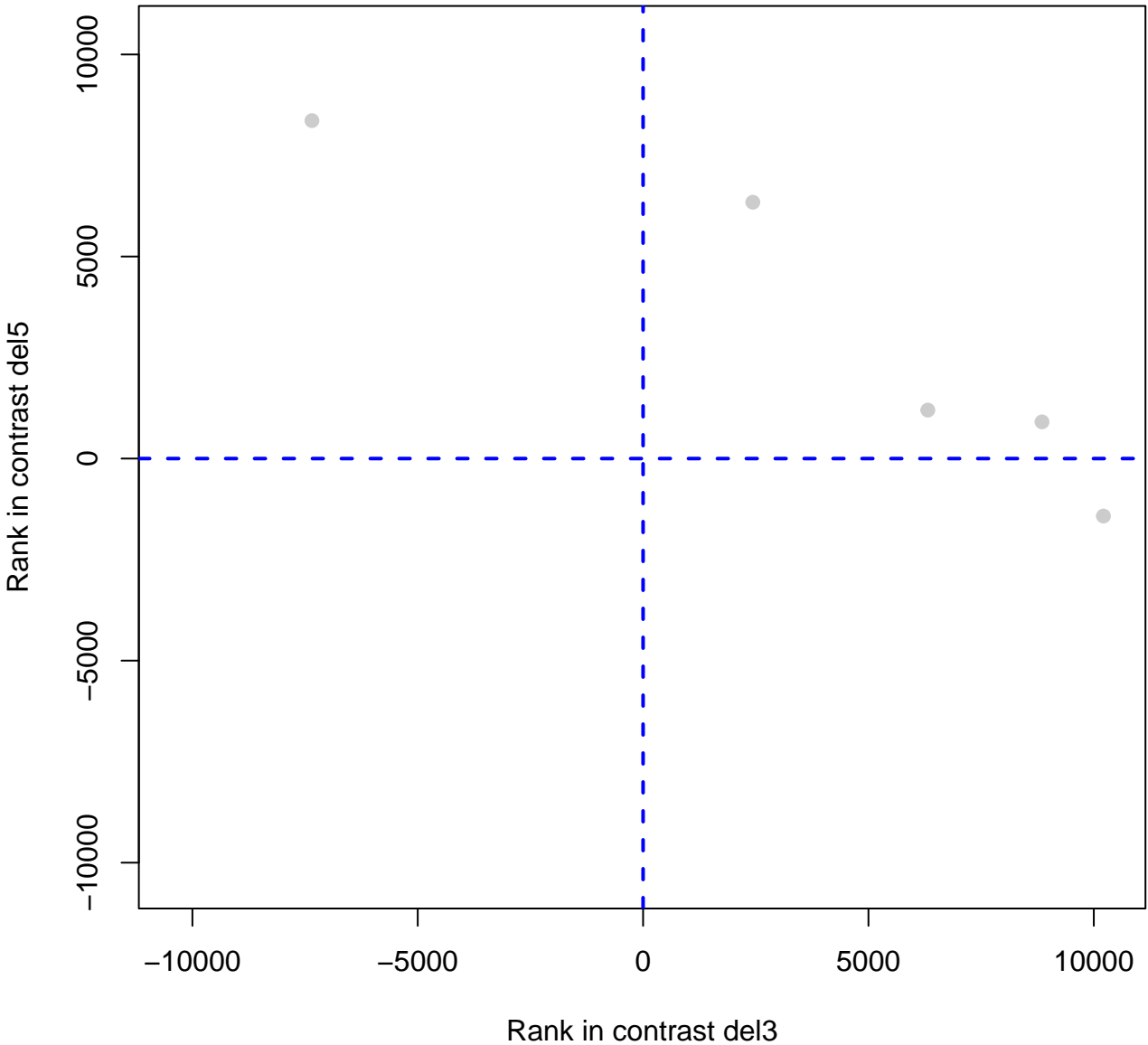
transport.sugars.sucrose

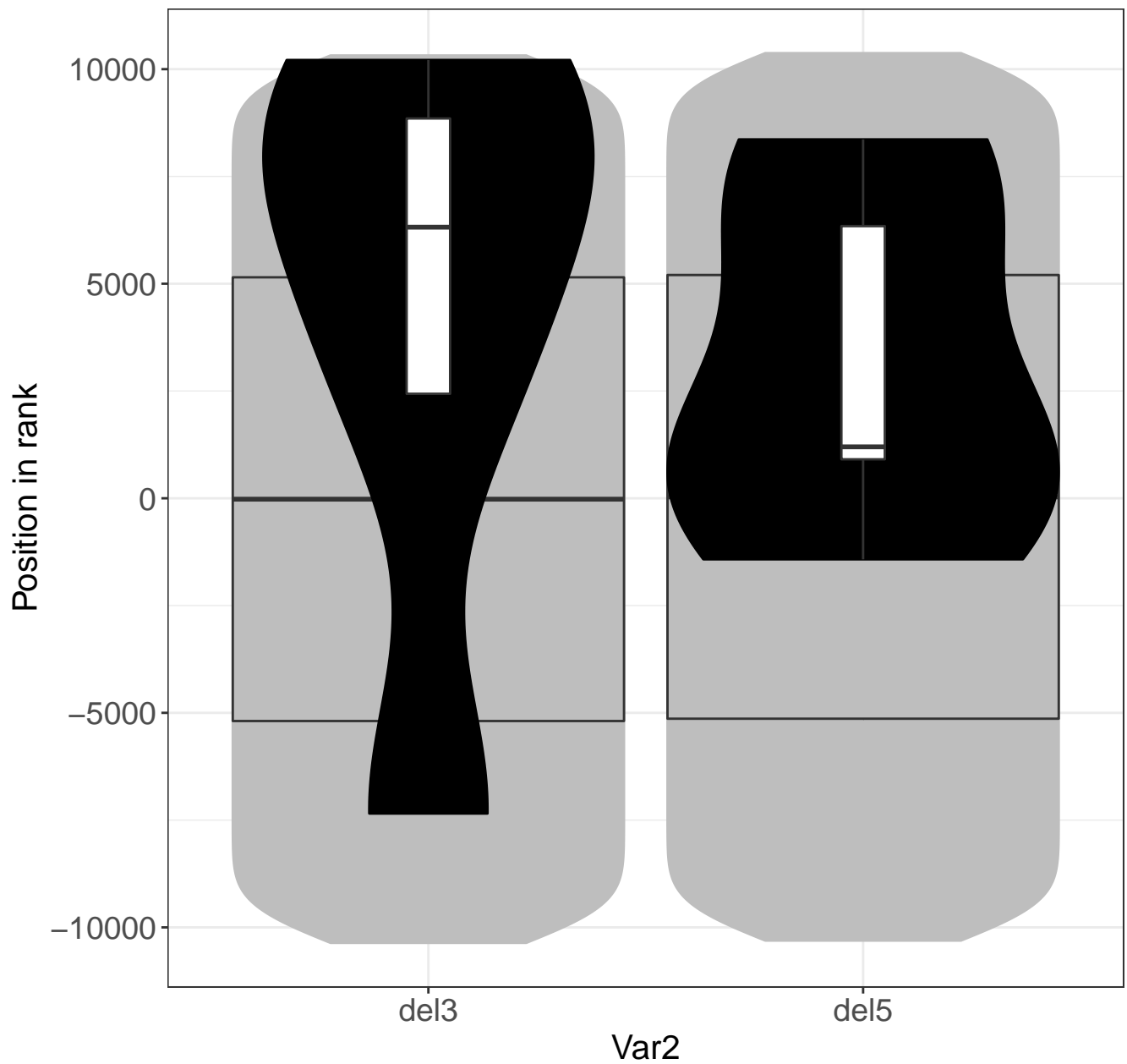


protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit.ur

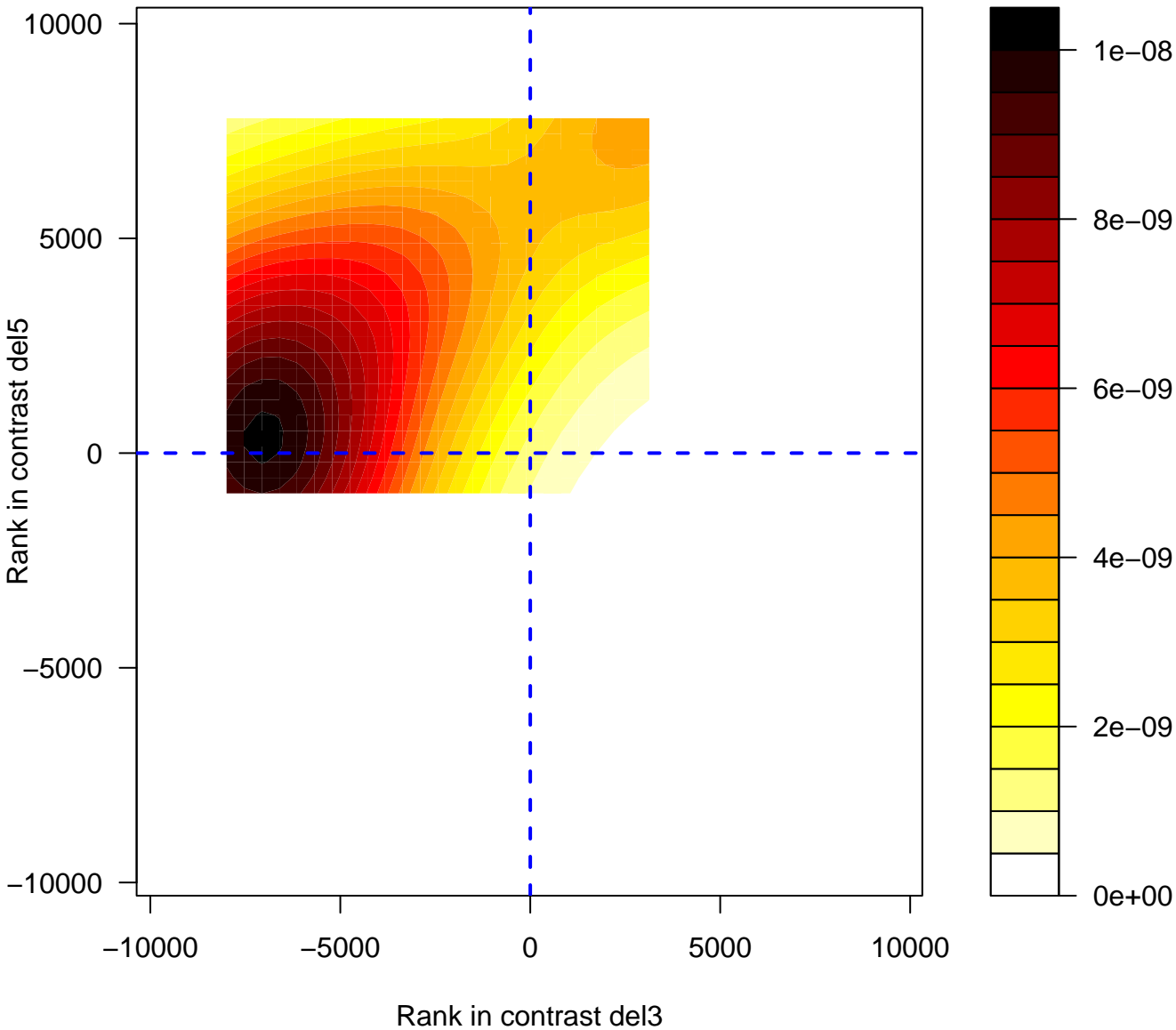


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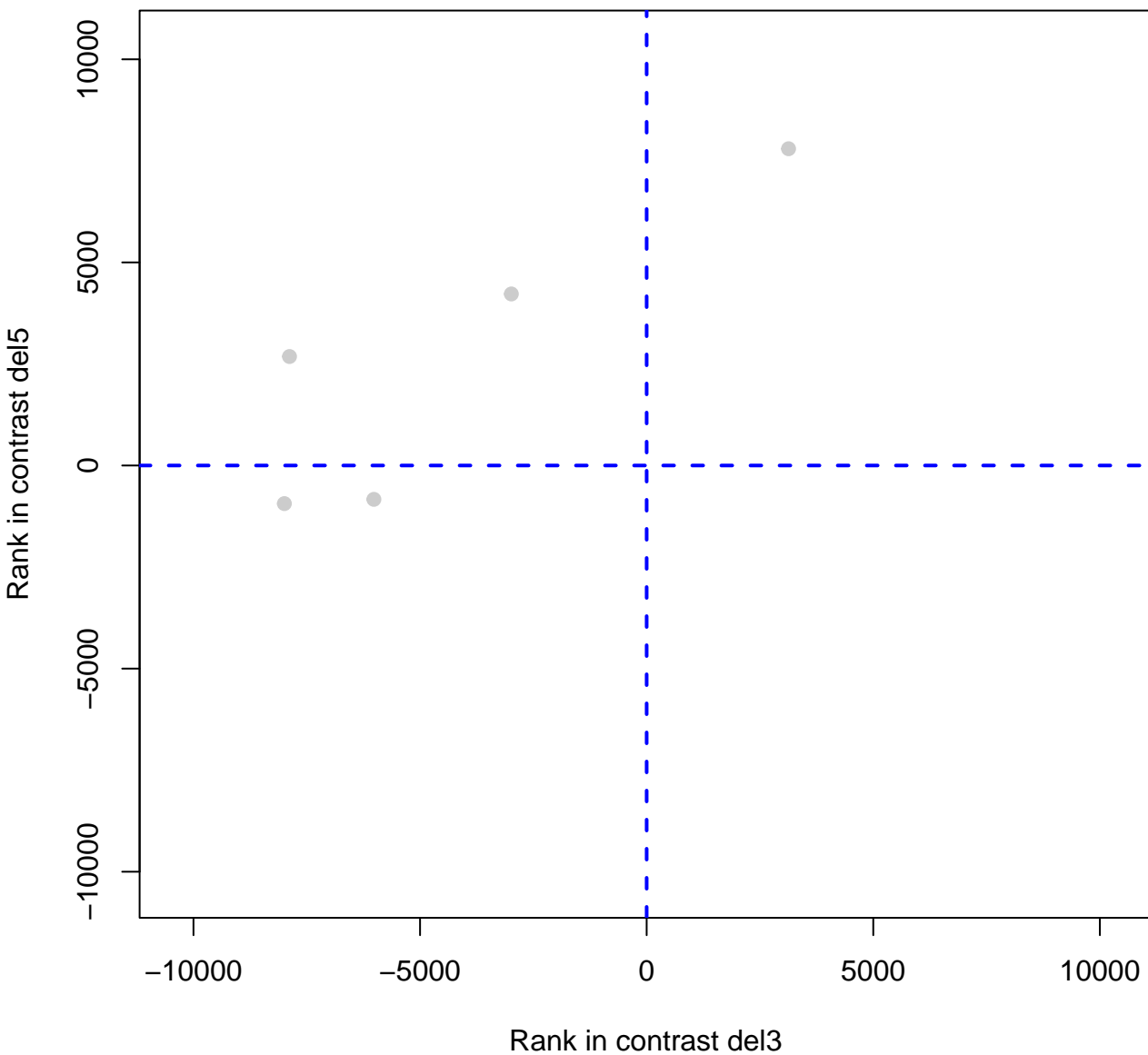




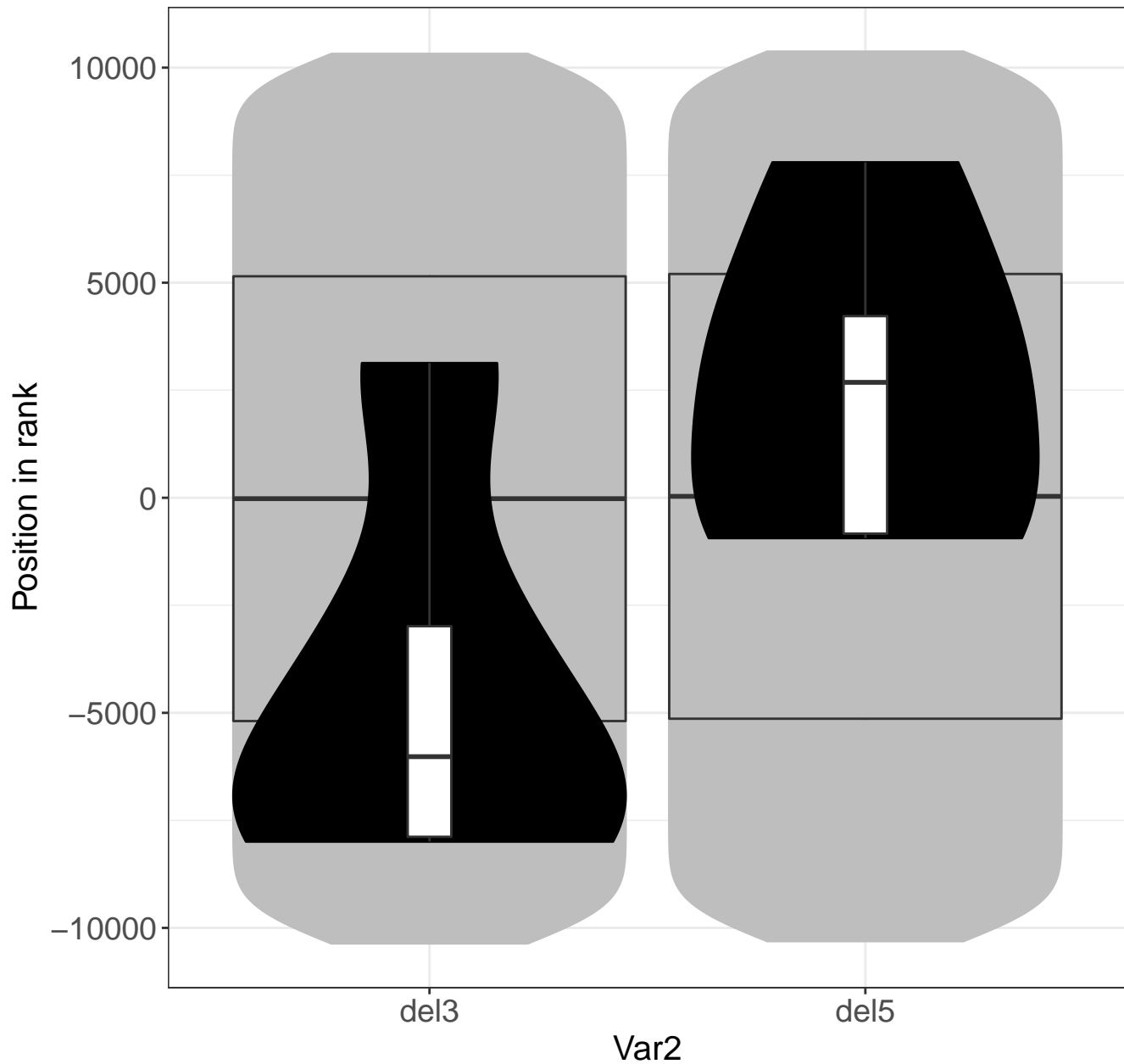
major.CHO.metabolism.degradation.sucrose.hexokinas



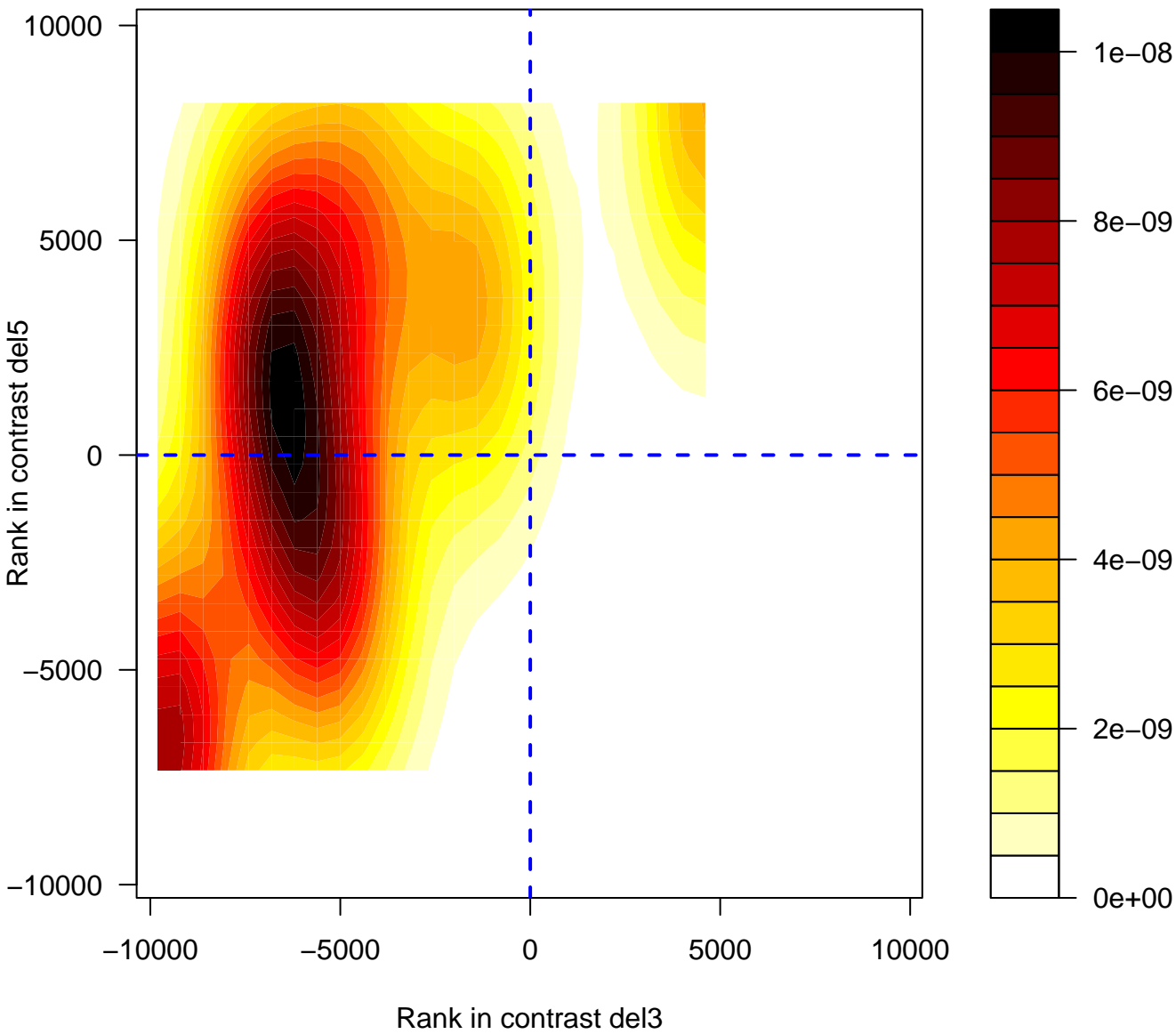
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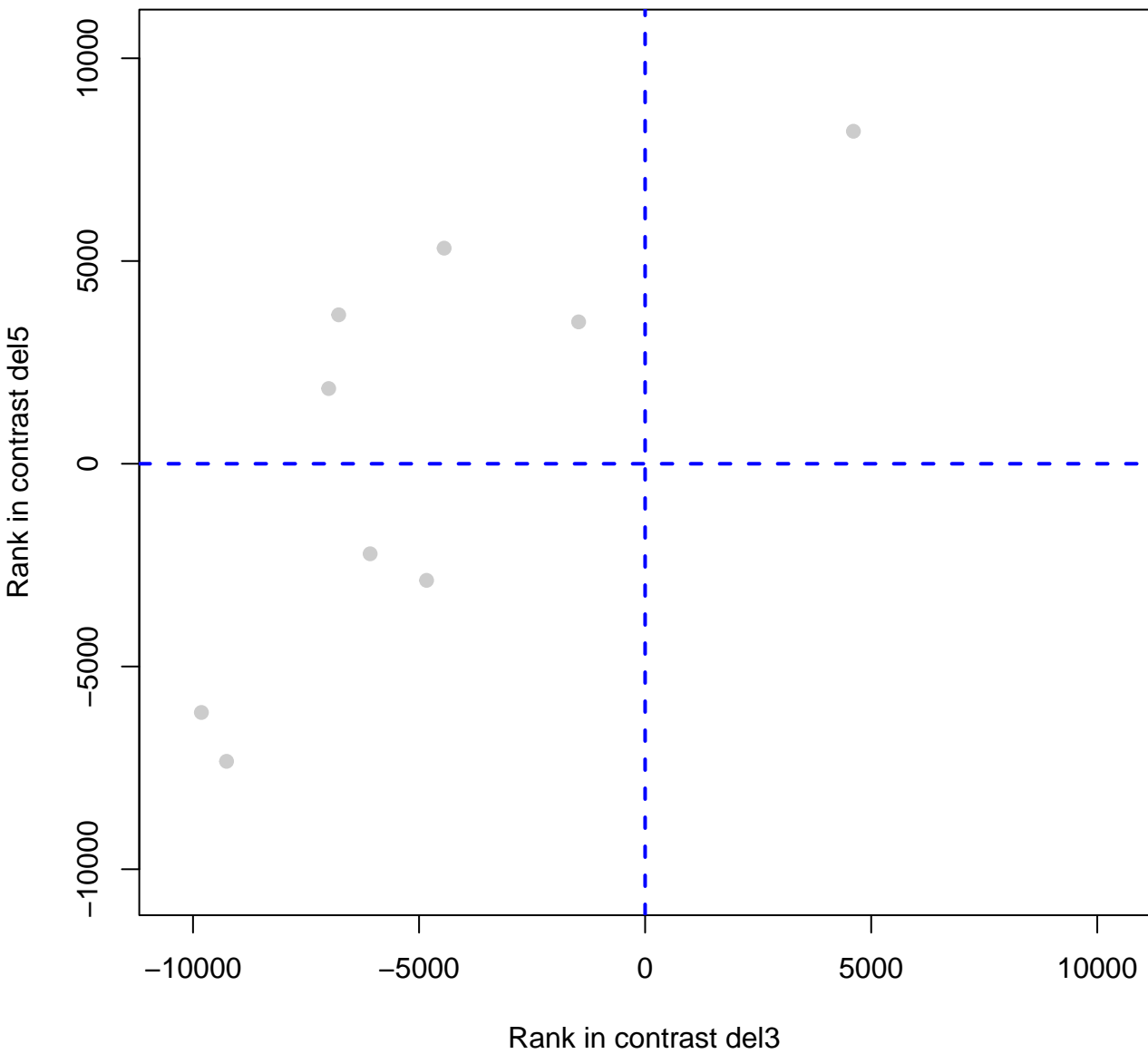
major.CHO.metabolism.degradation.sucrose.hex



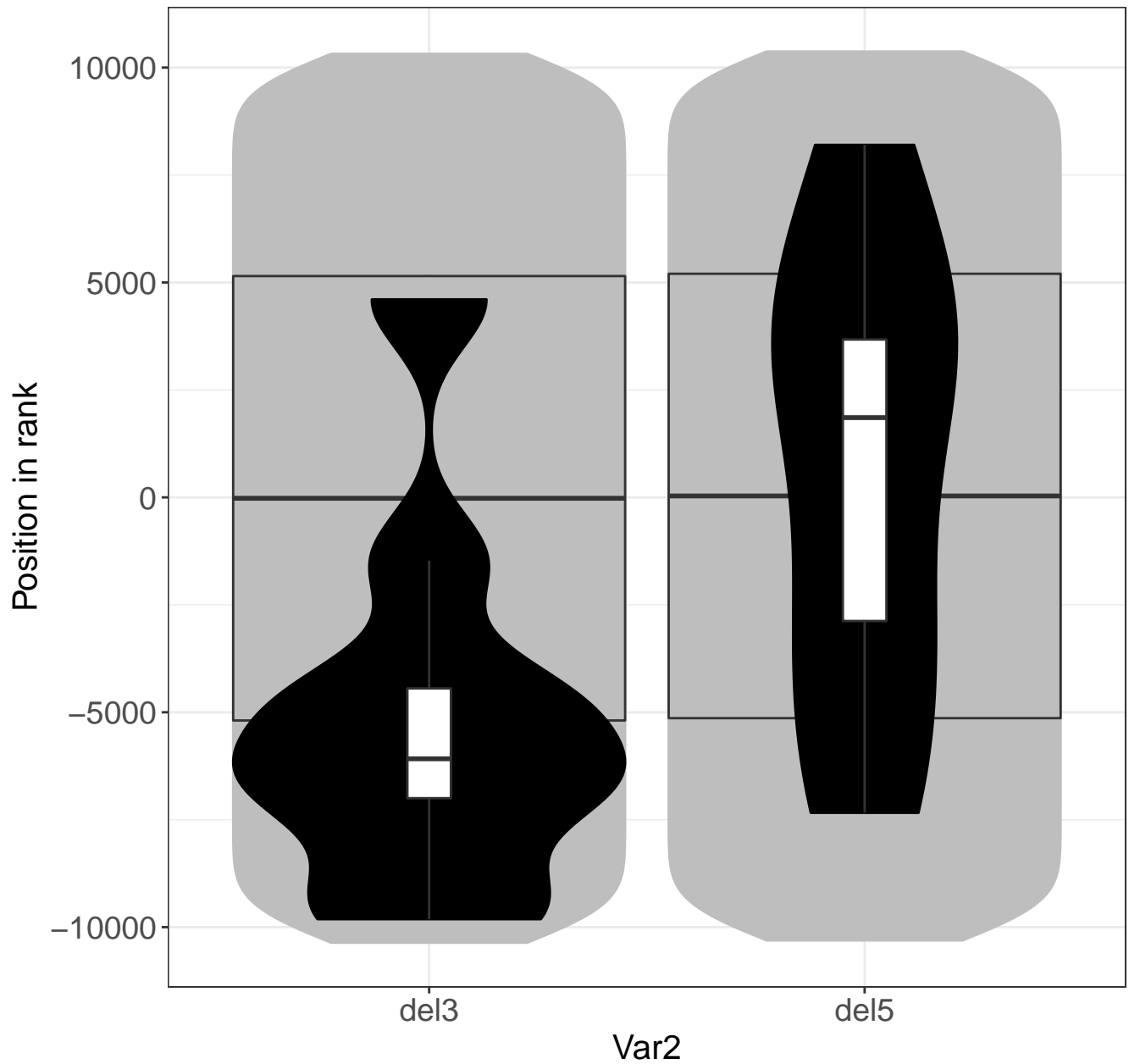
Major CHO metabolism.degradation.starch.starch.cleavage.beta



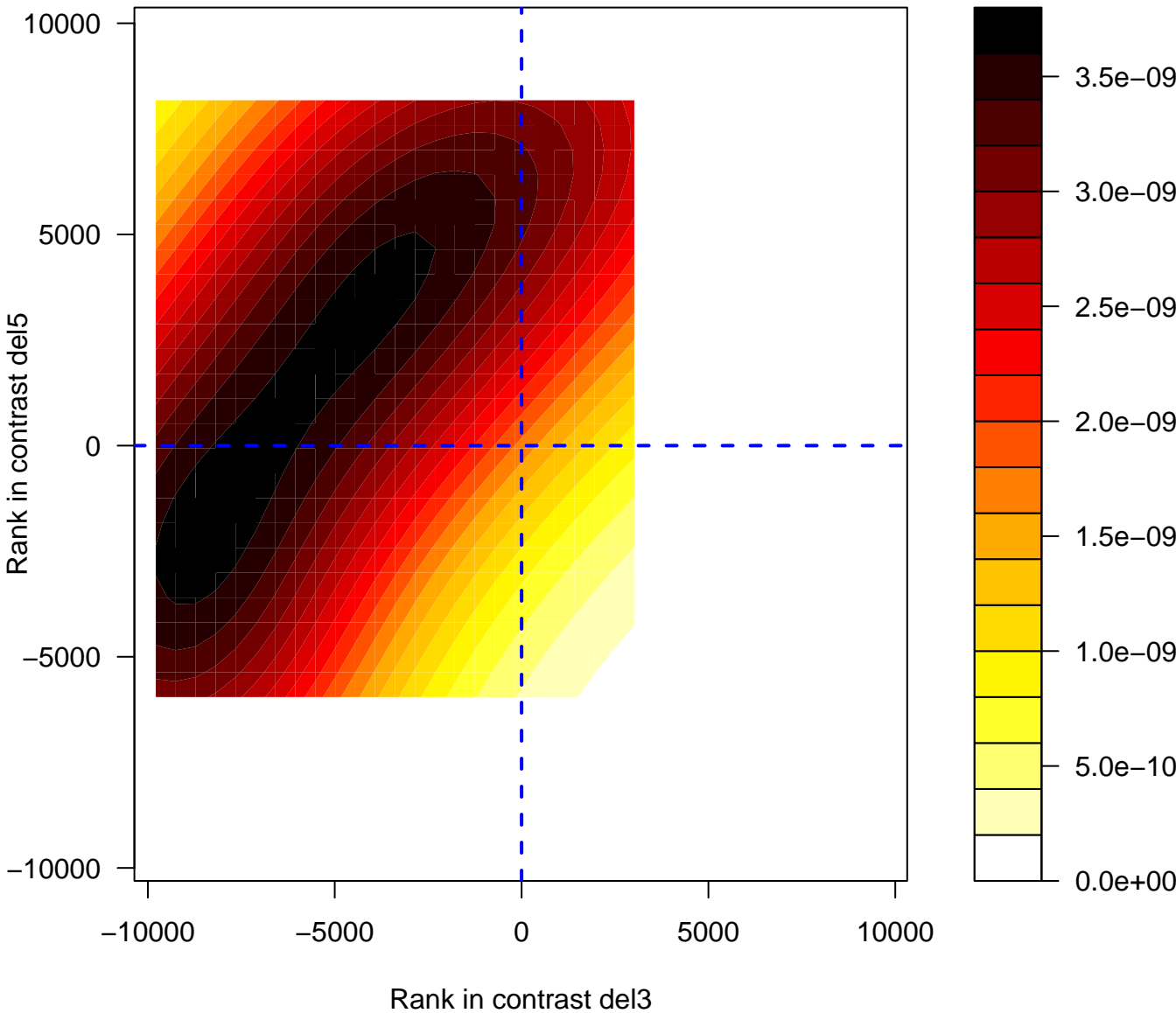
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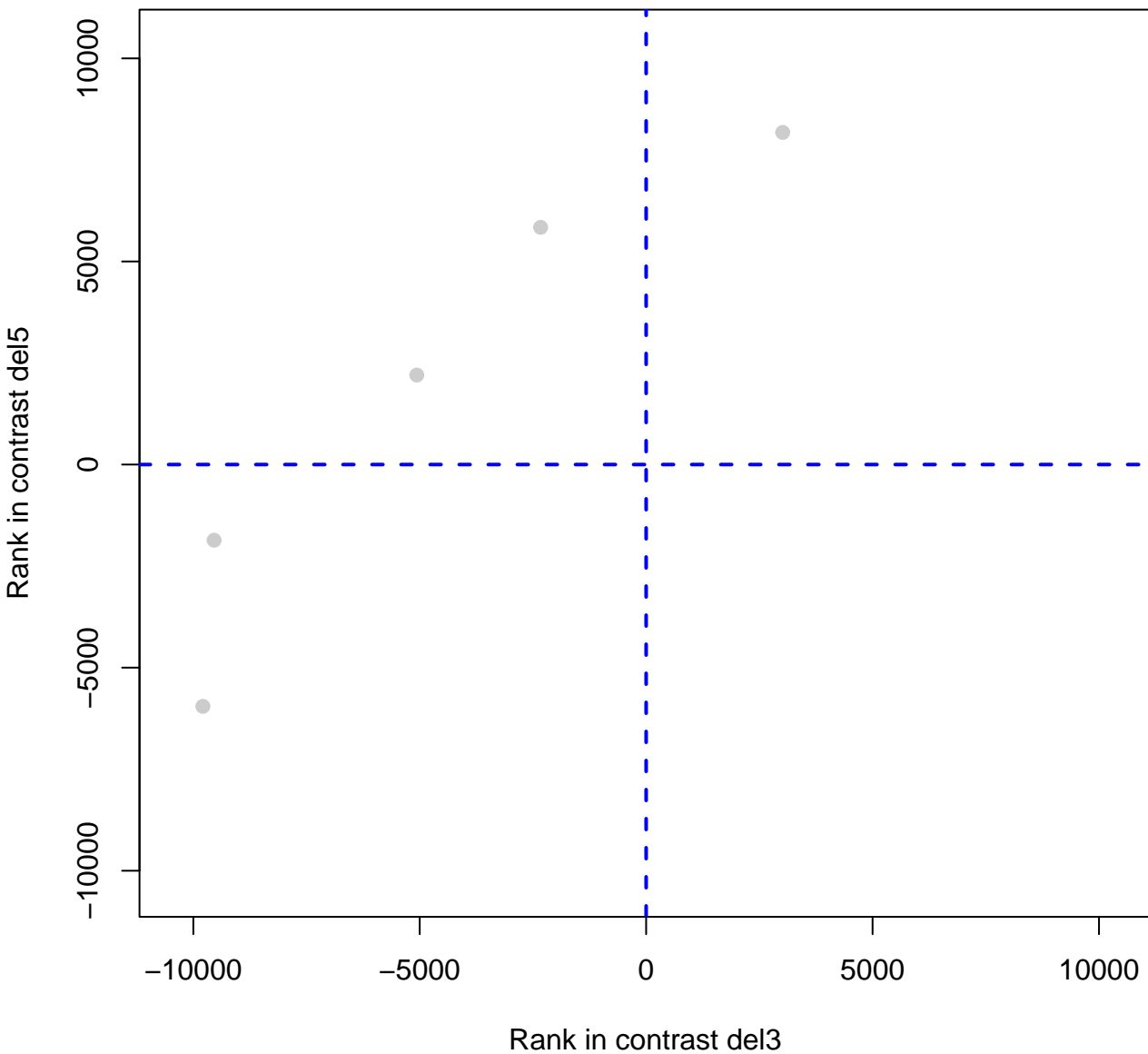
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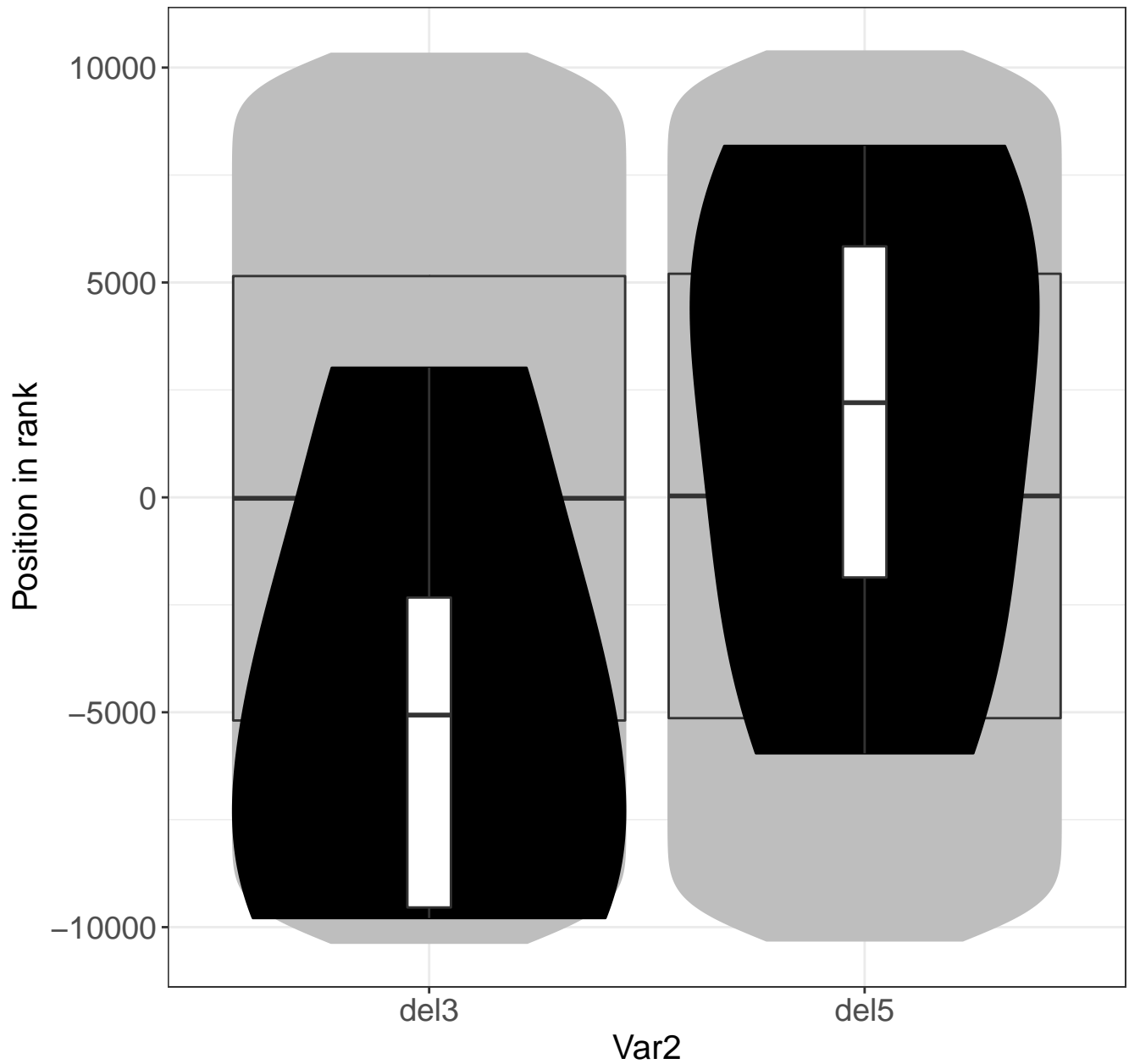
secondary.metabolism.flavonoids.flavonols.flavonol.synthas



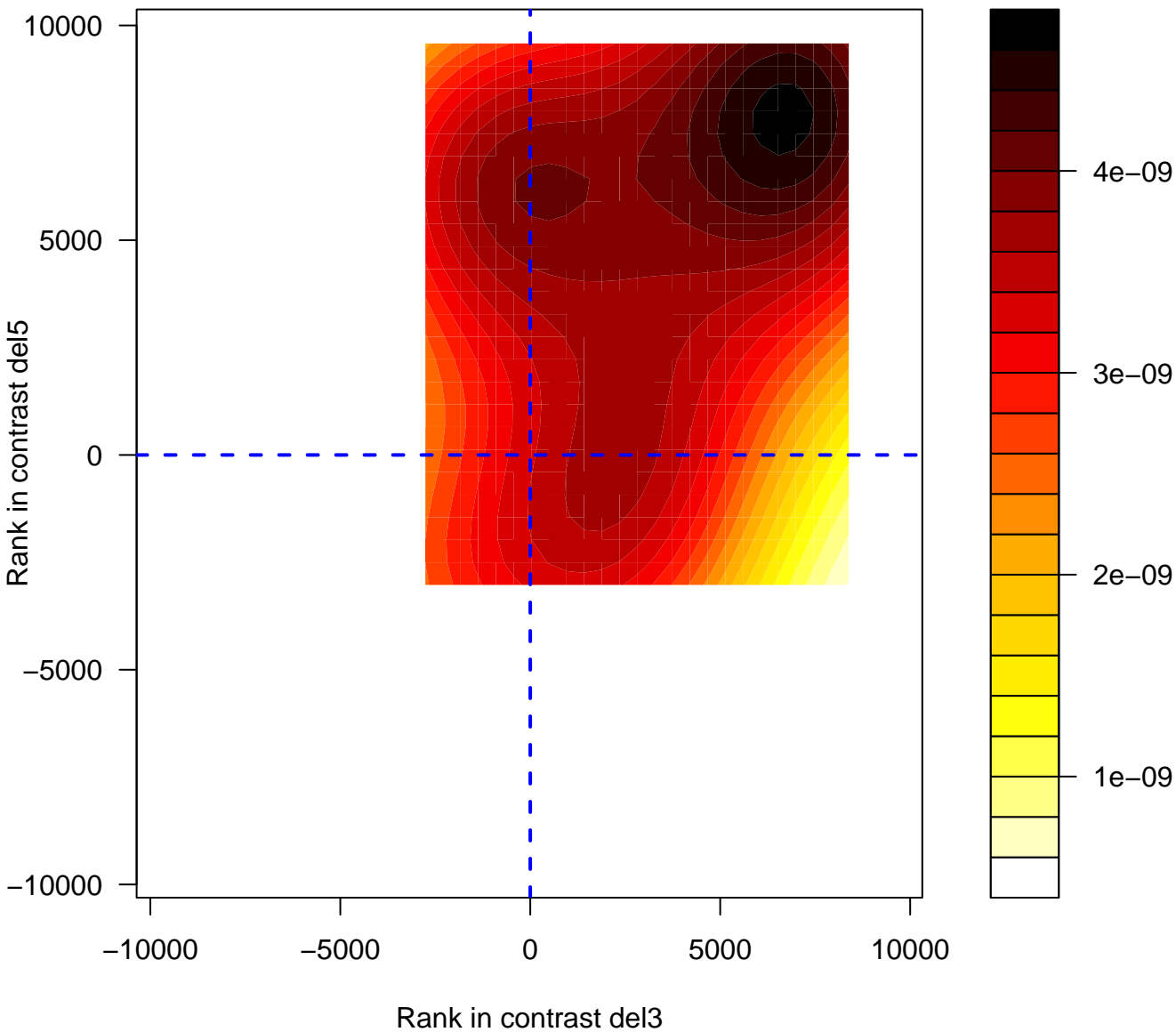
secondary.metabolism.flavonoids.flavonols.flavonol.synthase..FLS.



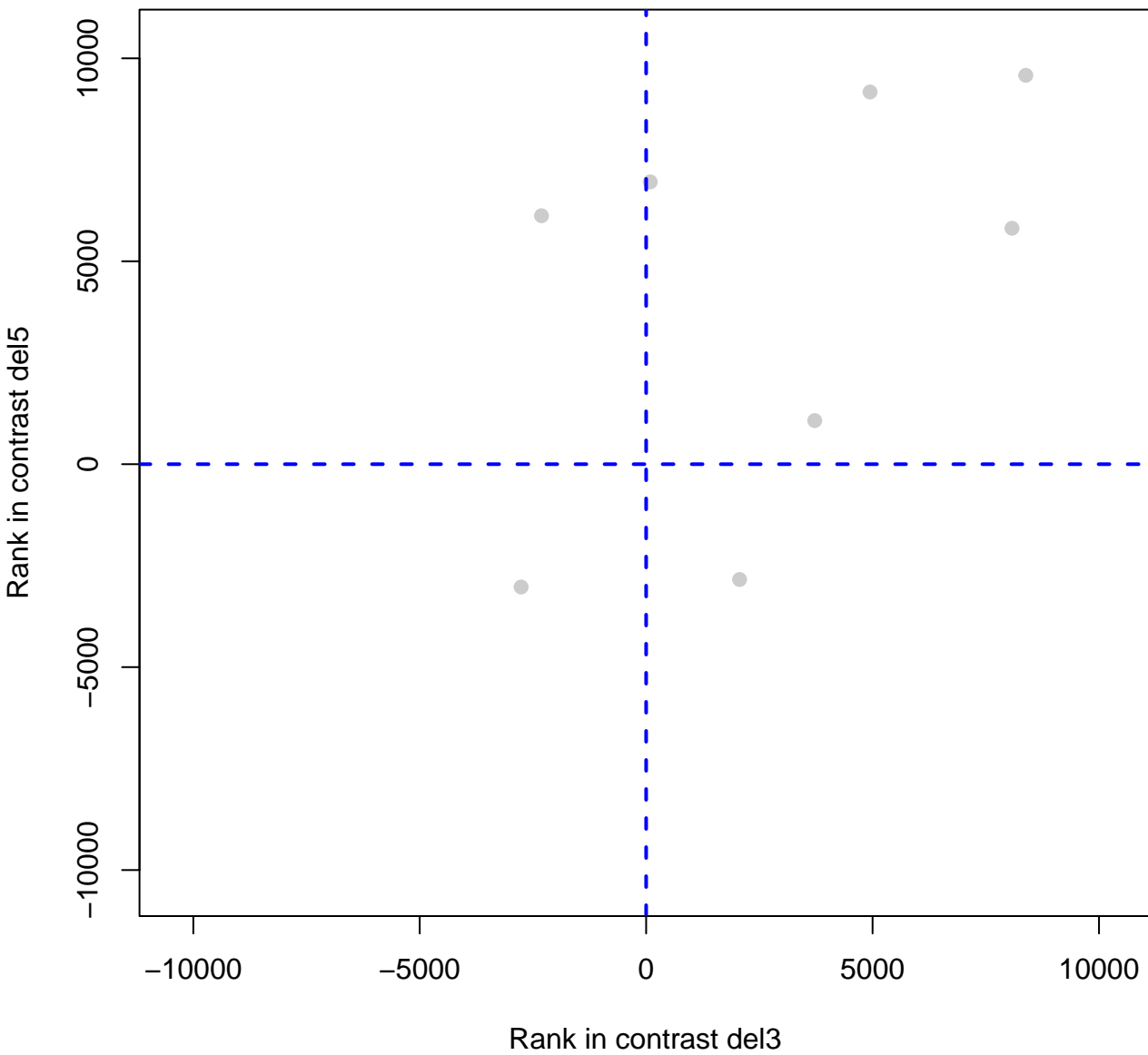
secondary.metabolism.flavonoids.flavonols.flavono



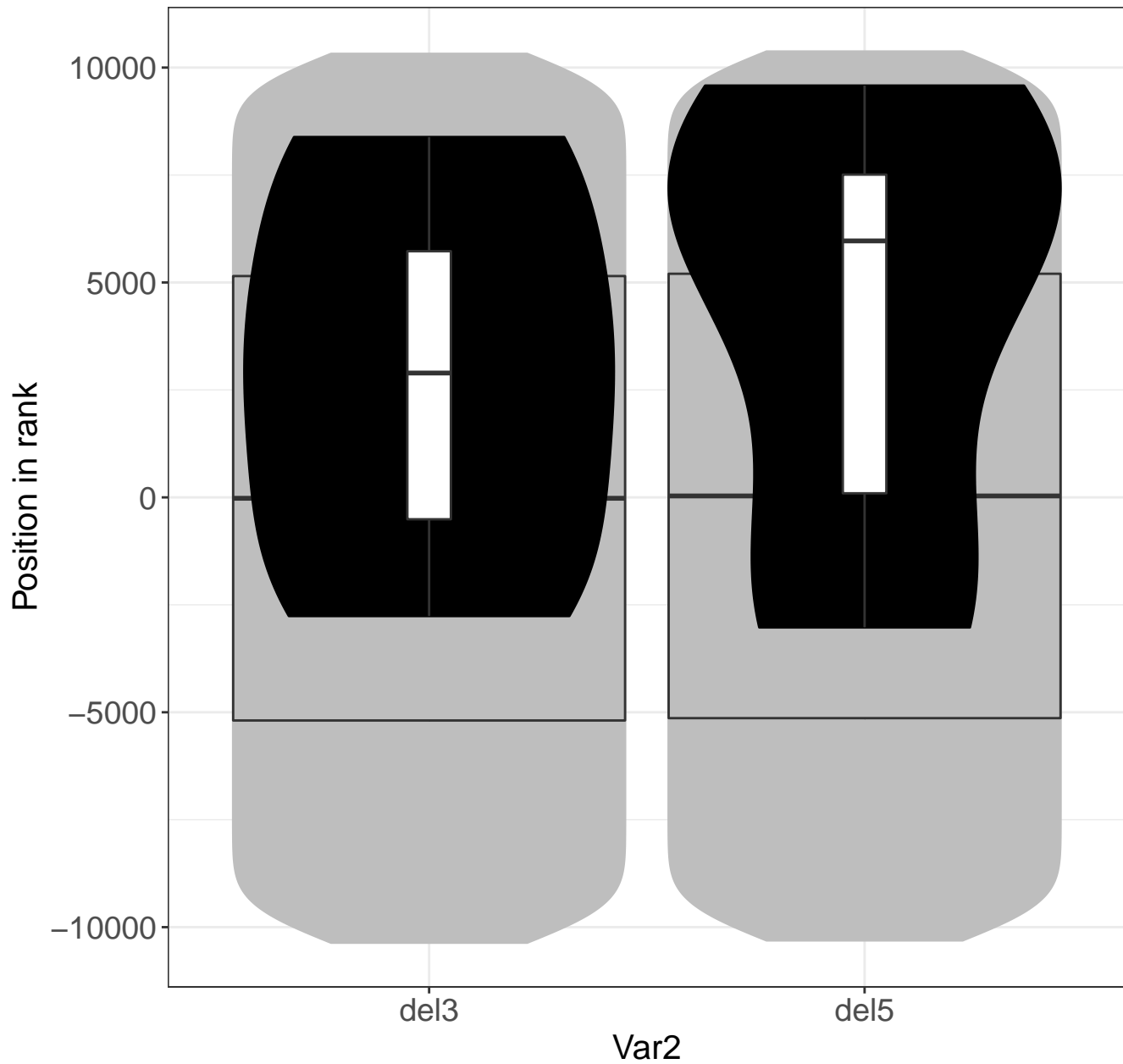
cell.division.plastid



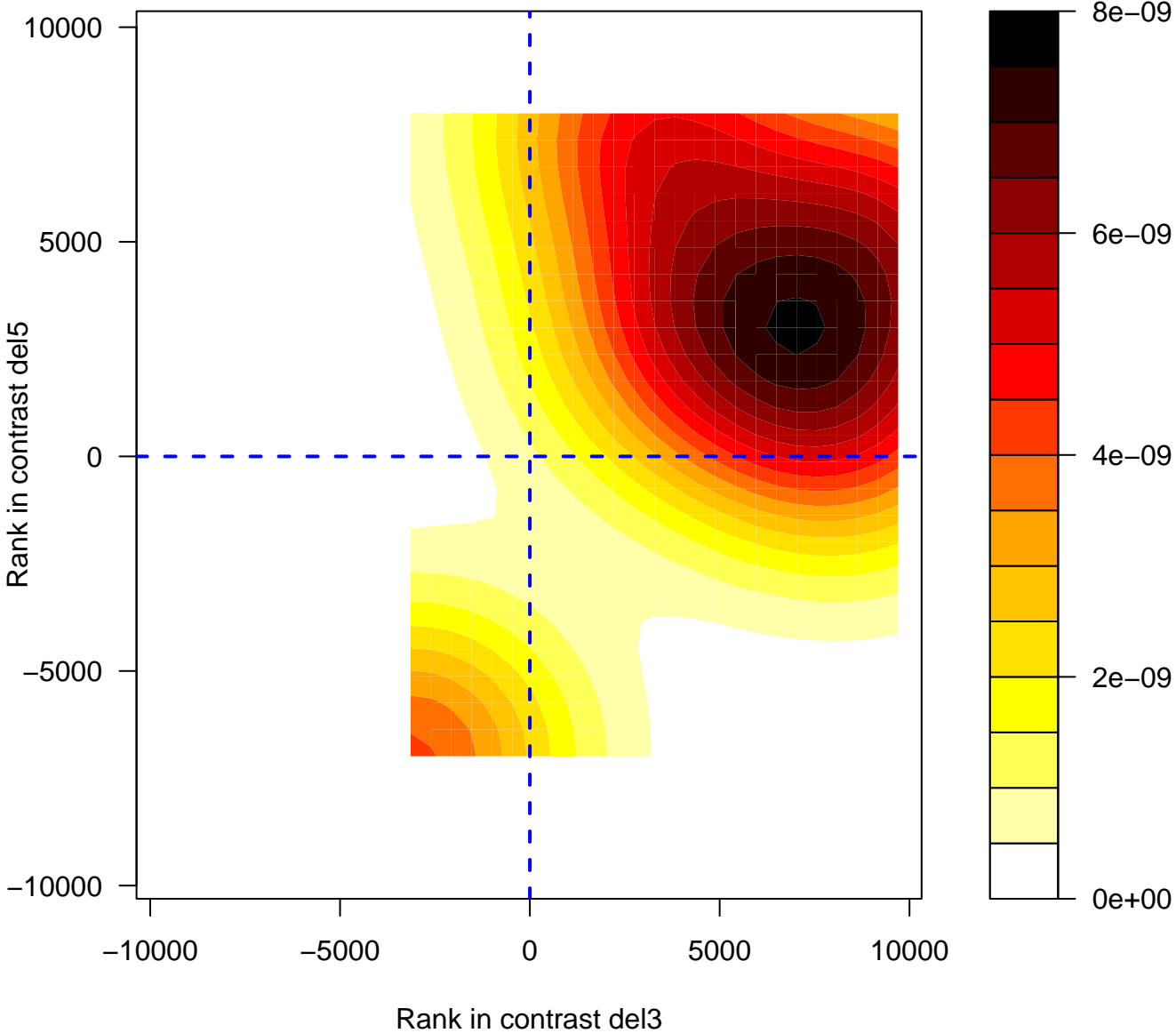
cell.division.plastid



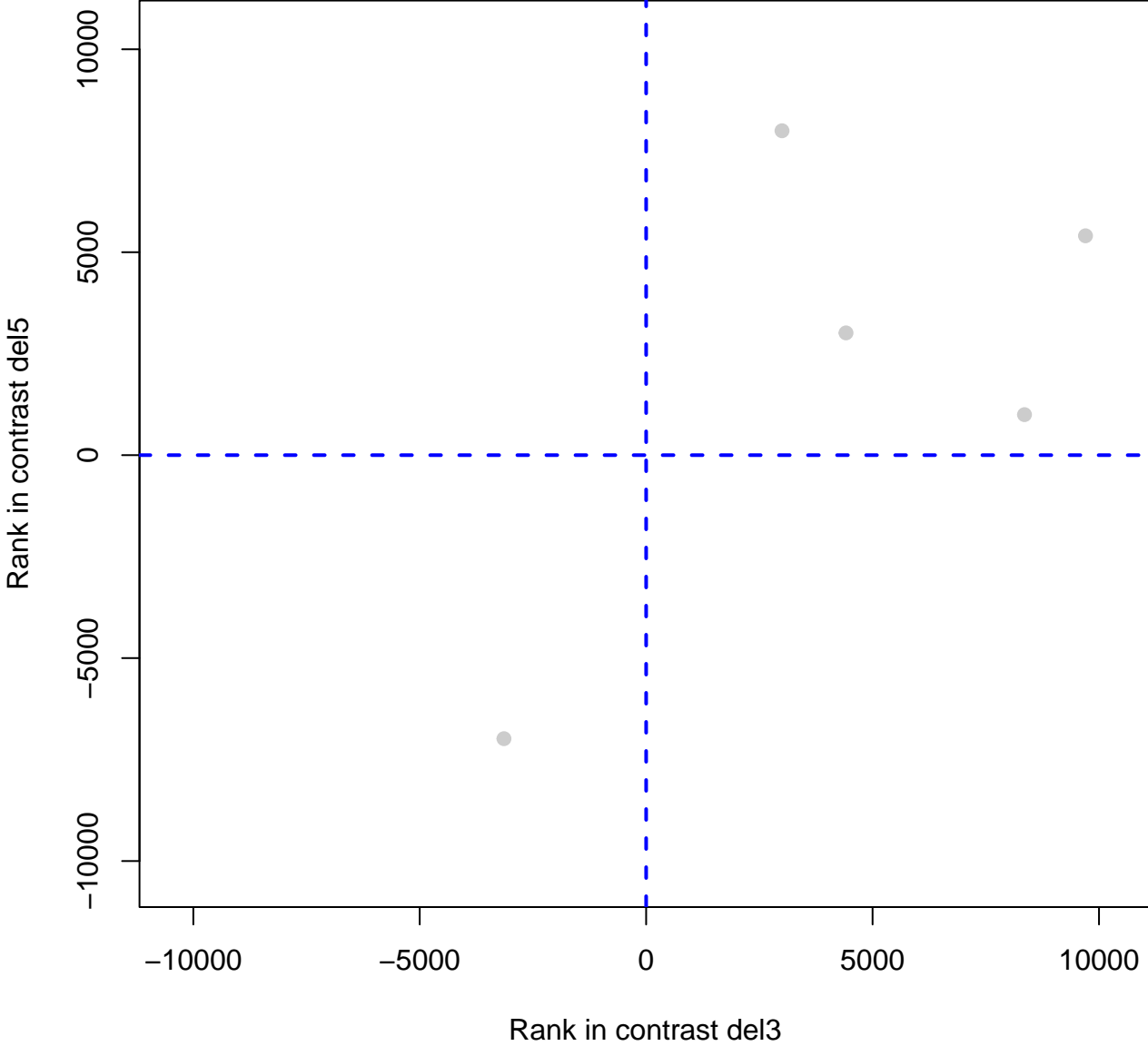
cell.division.plastid



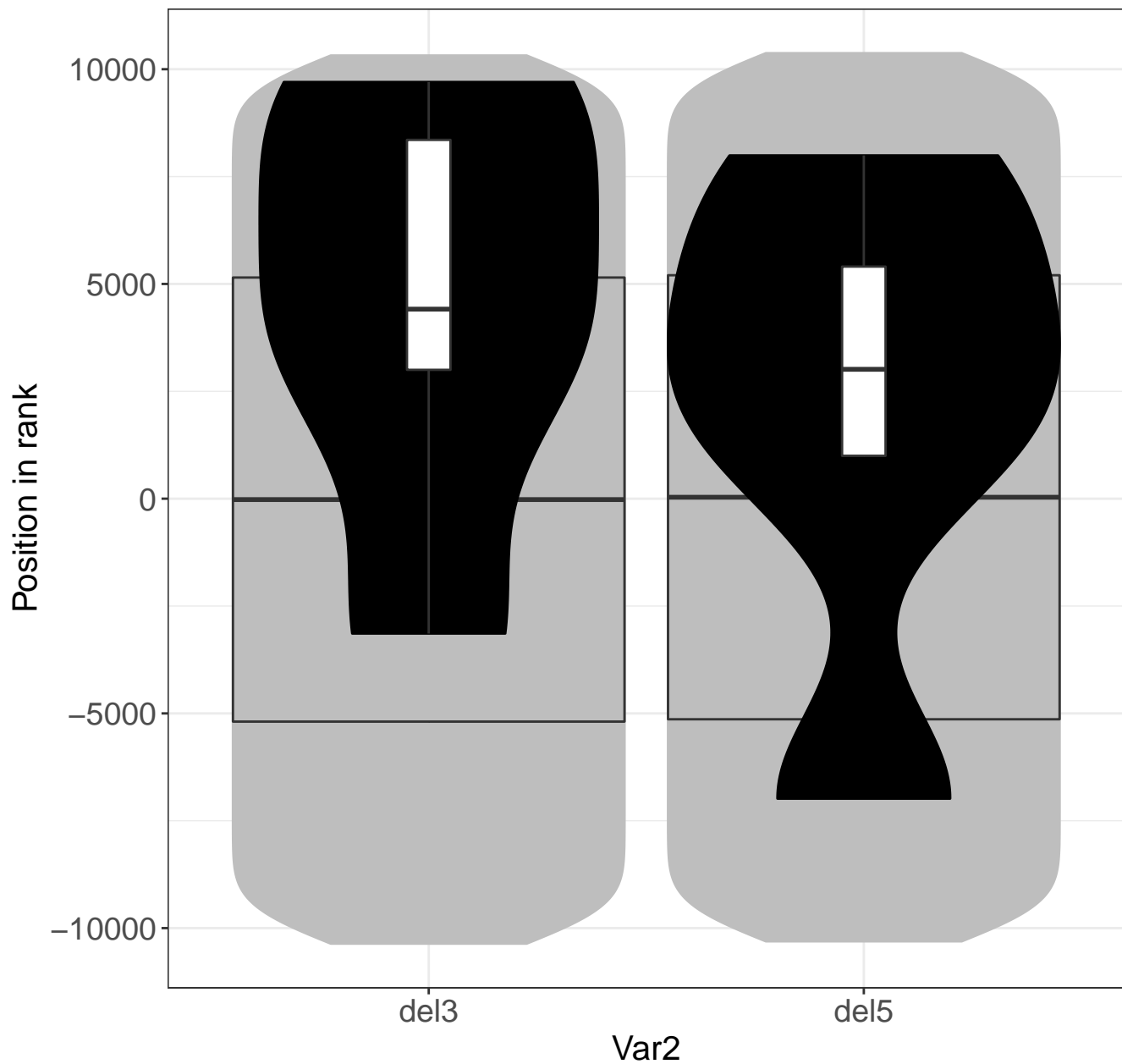
nucleotide.metabolism.salvage.phosphoribosyltransferases



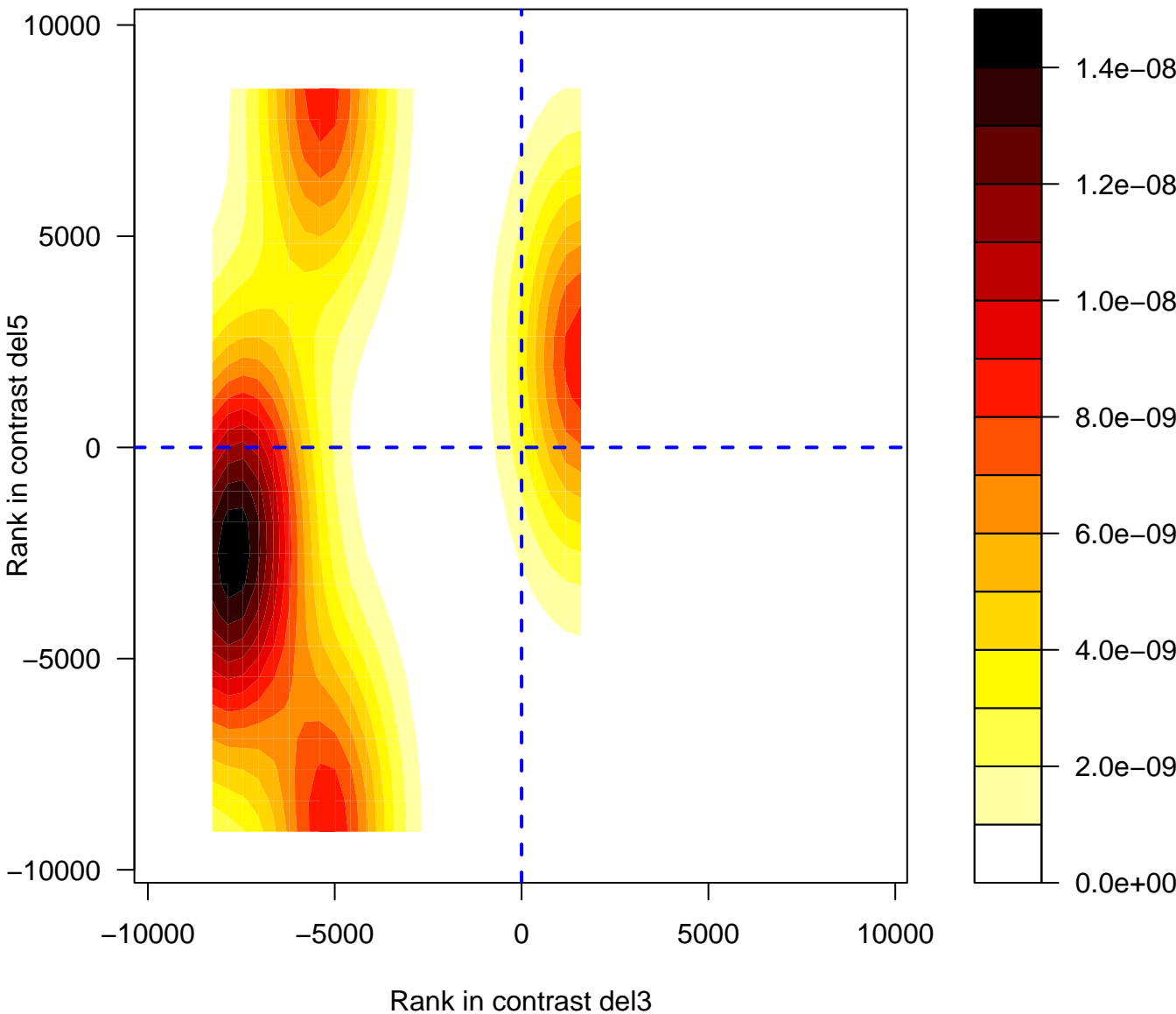
nucleotide.metabolism.salvage.phosphoribosyltransferases.upp



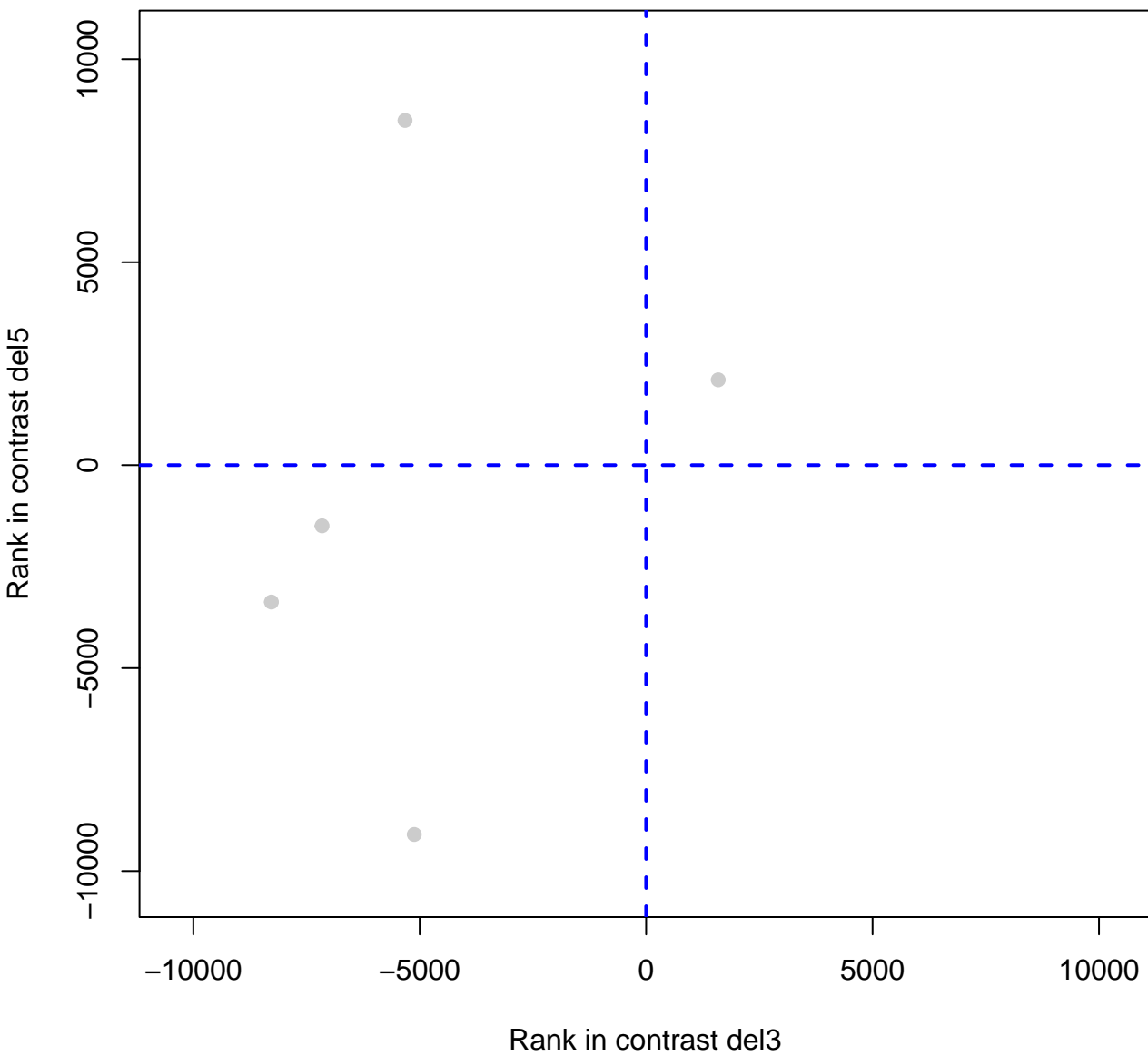
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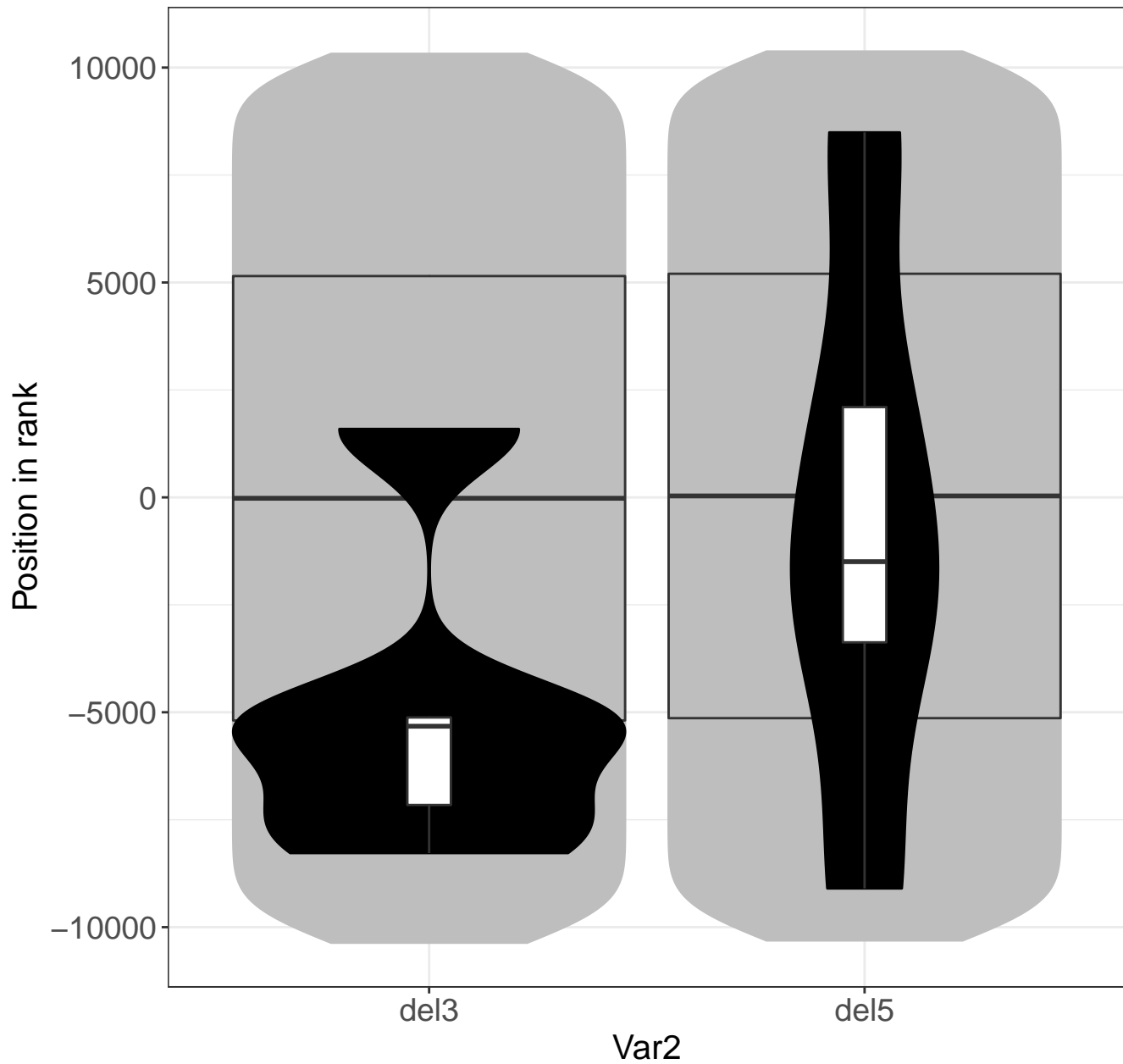
protein.aa.activation.asparagine.tRNA.ligase



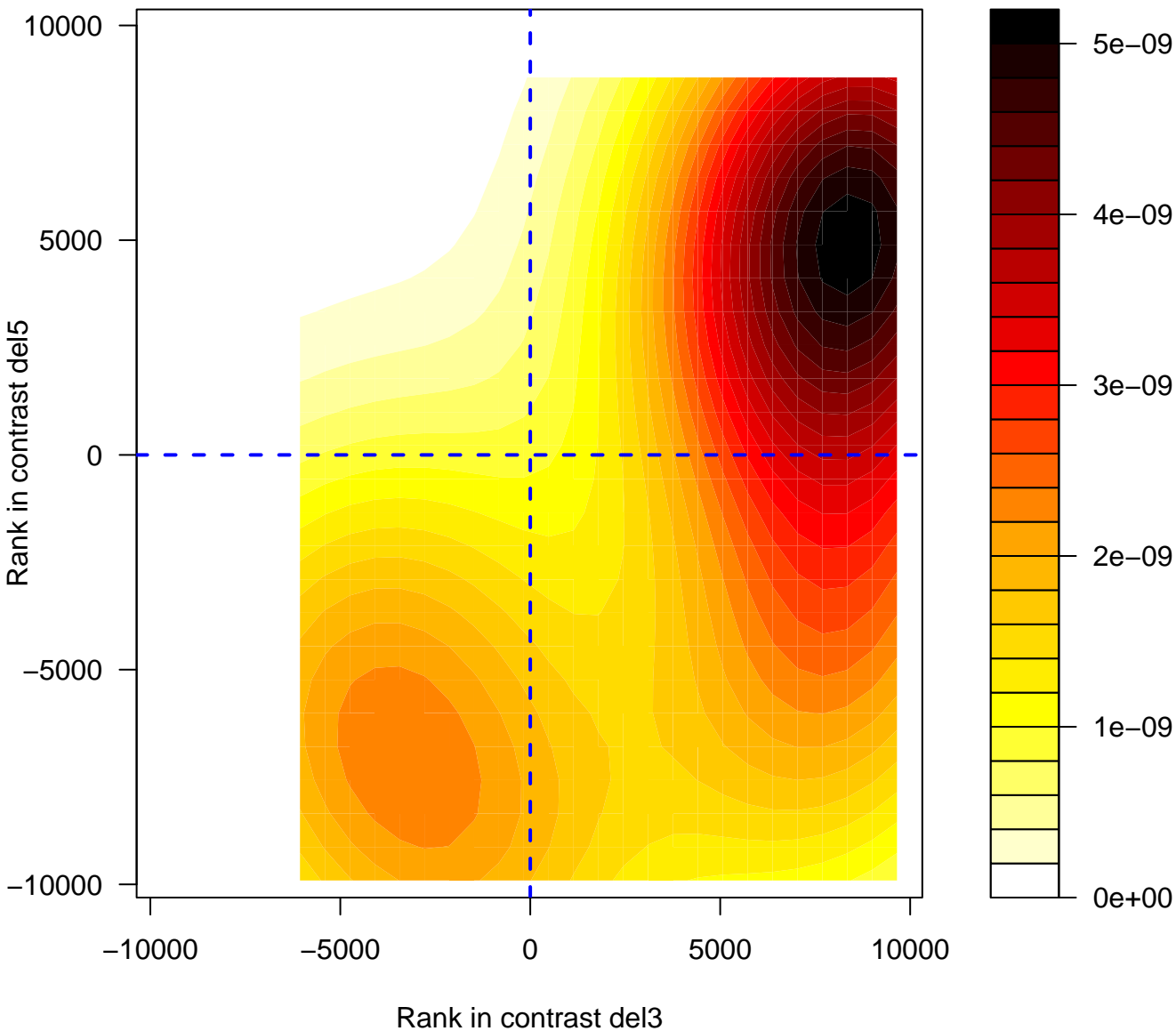
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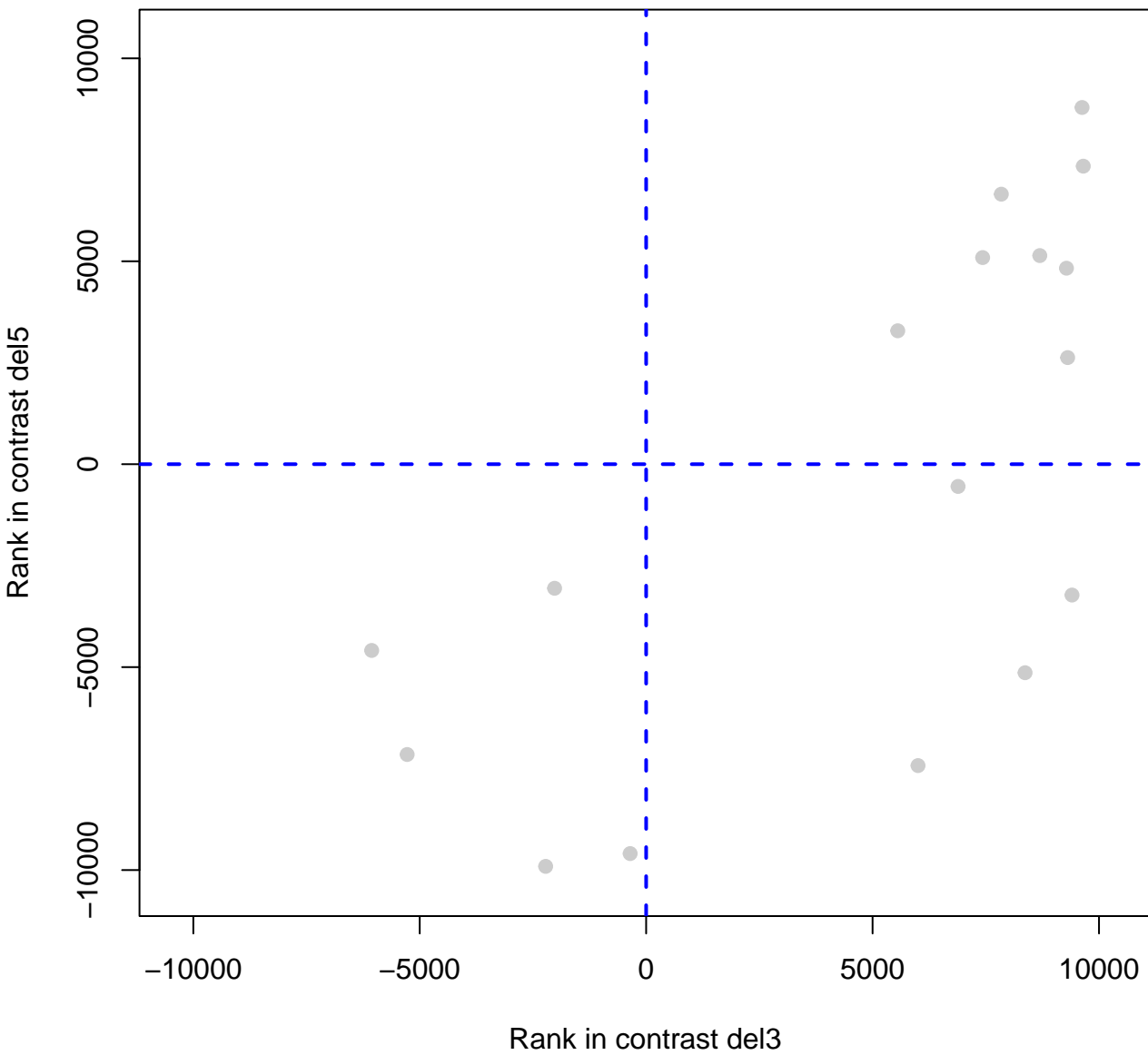
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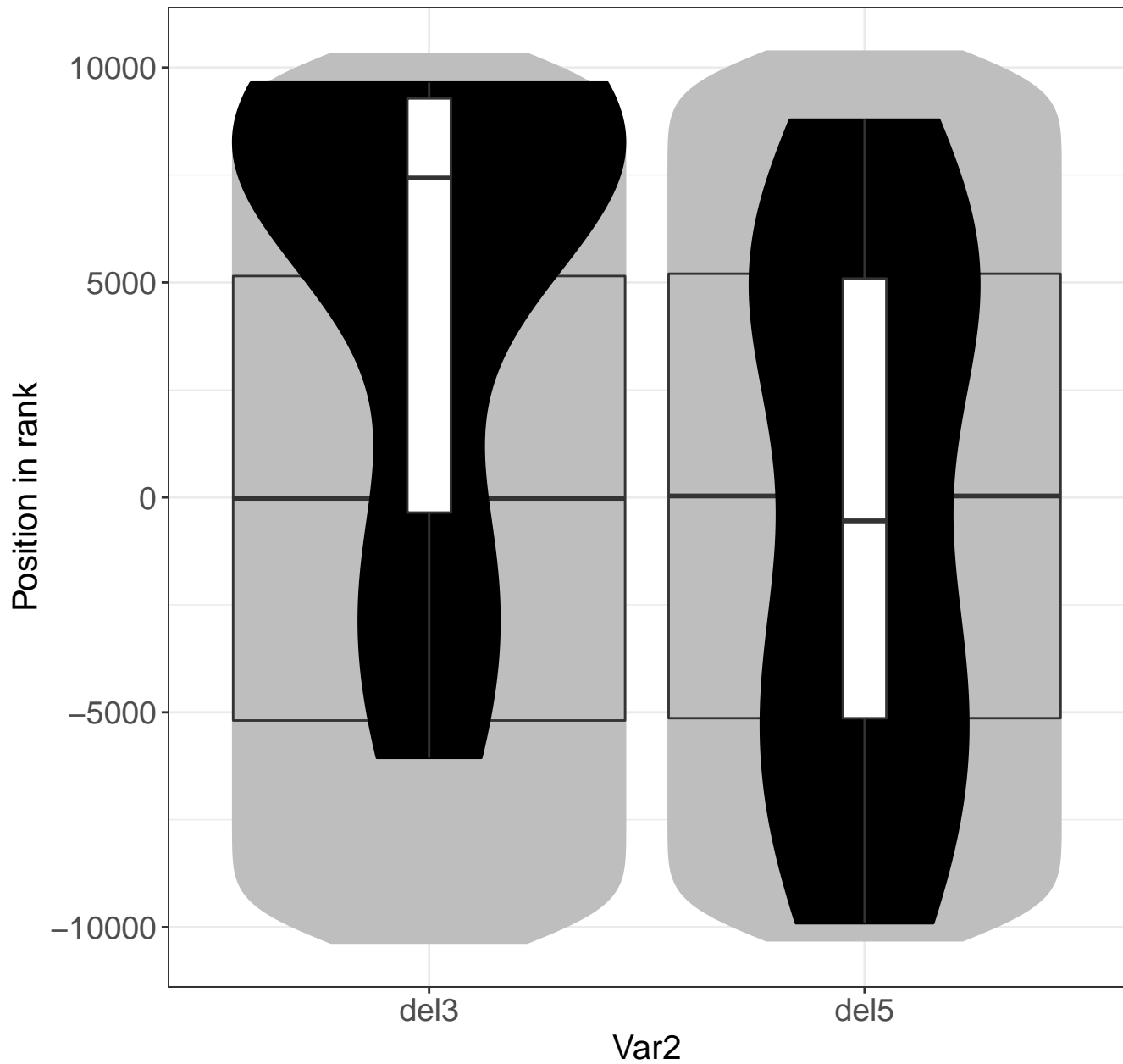
protein.postranslational.modification.kinase



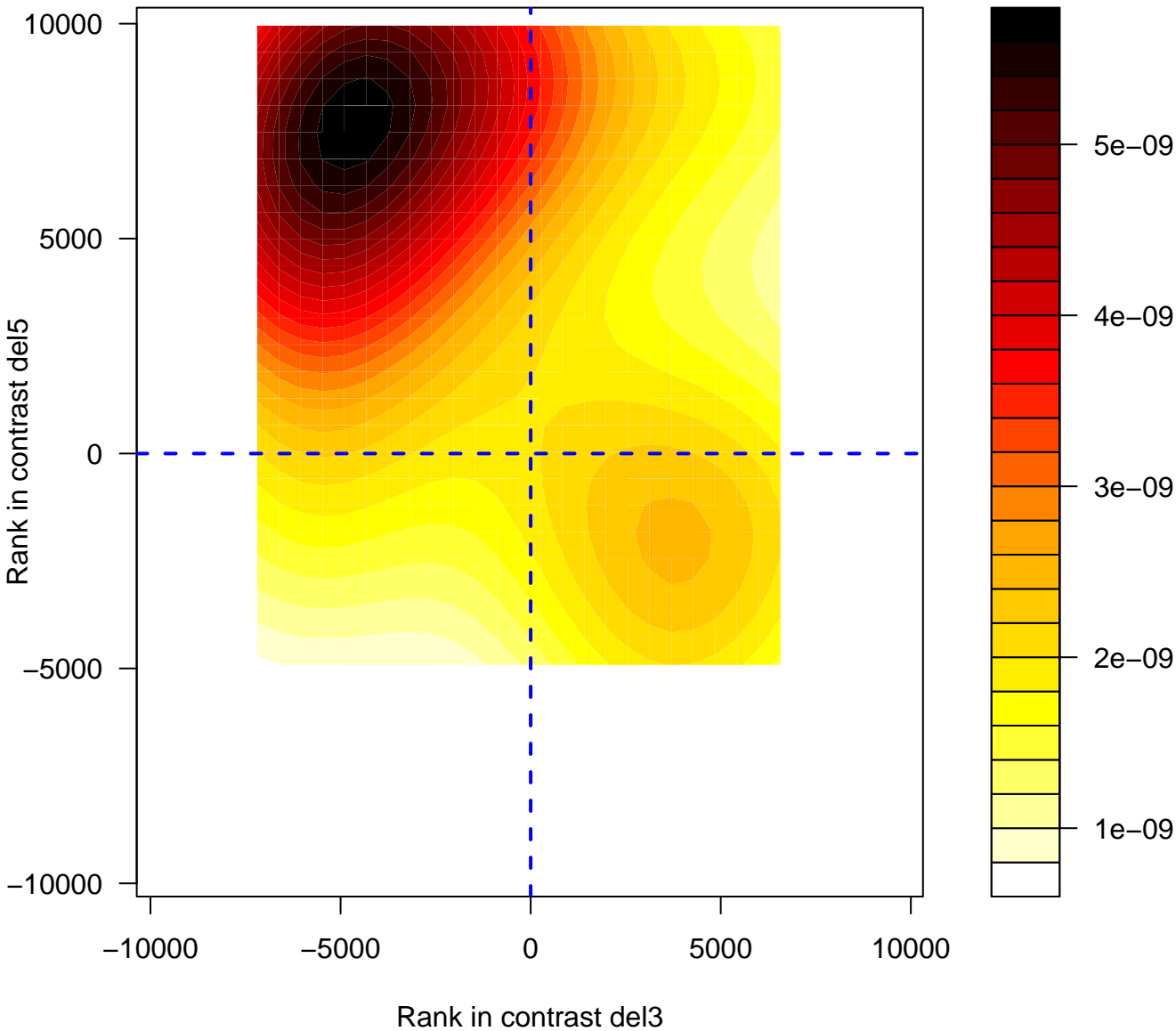
protein.postranslational.modification.kinase



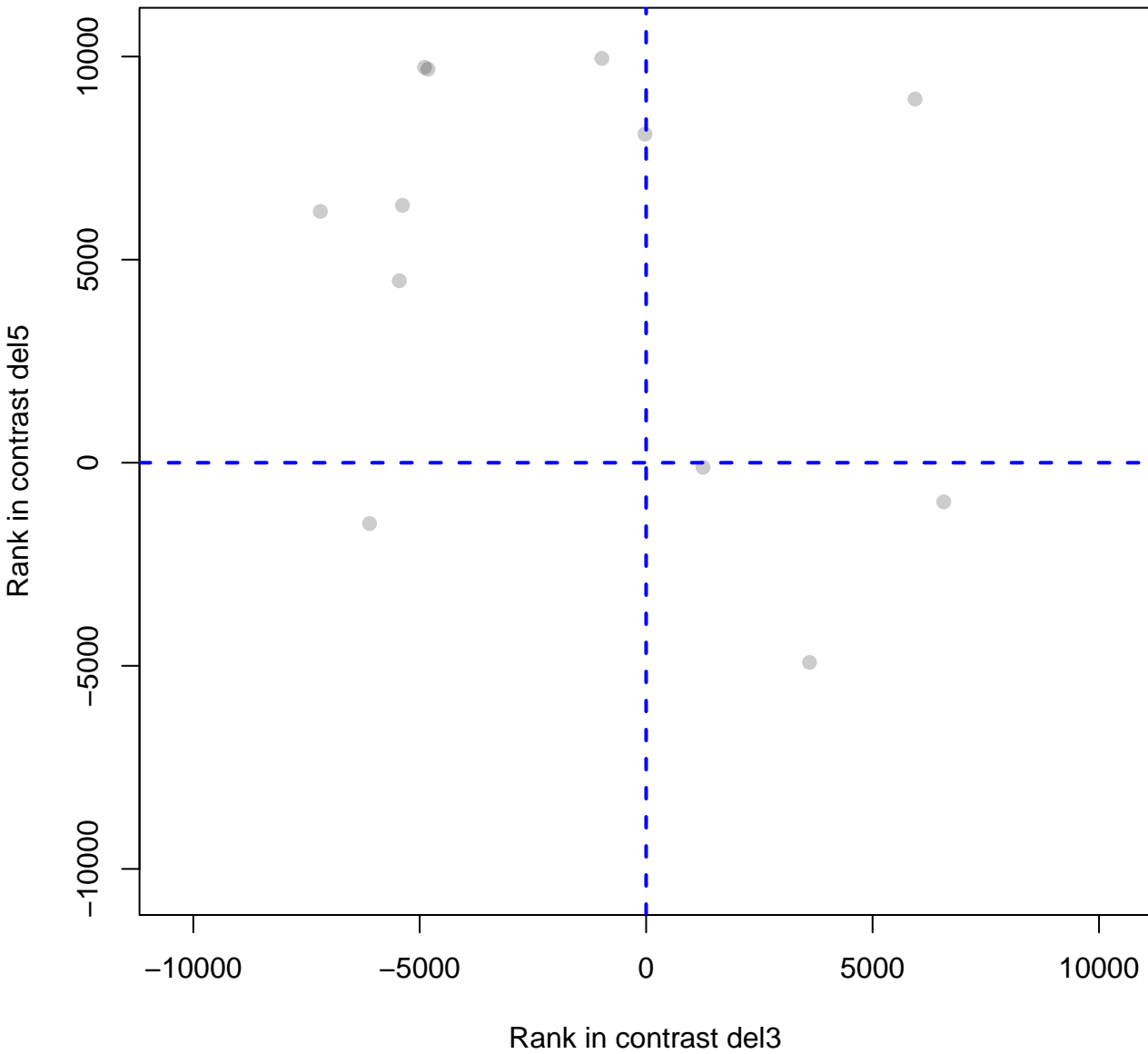
protein.postranslational.modification.kinase



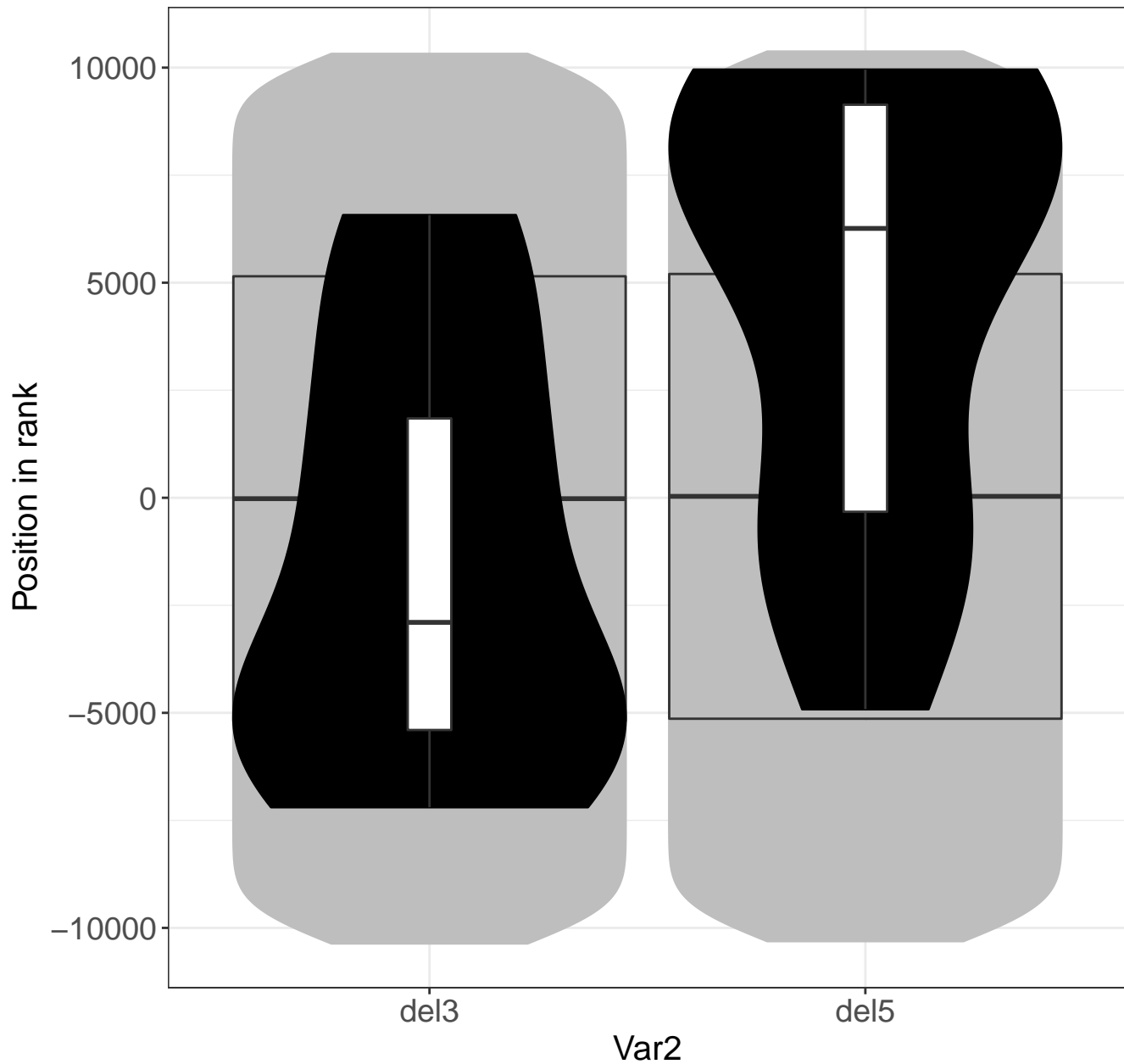
PS.lightreaction.NADH.DH



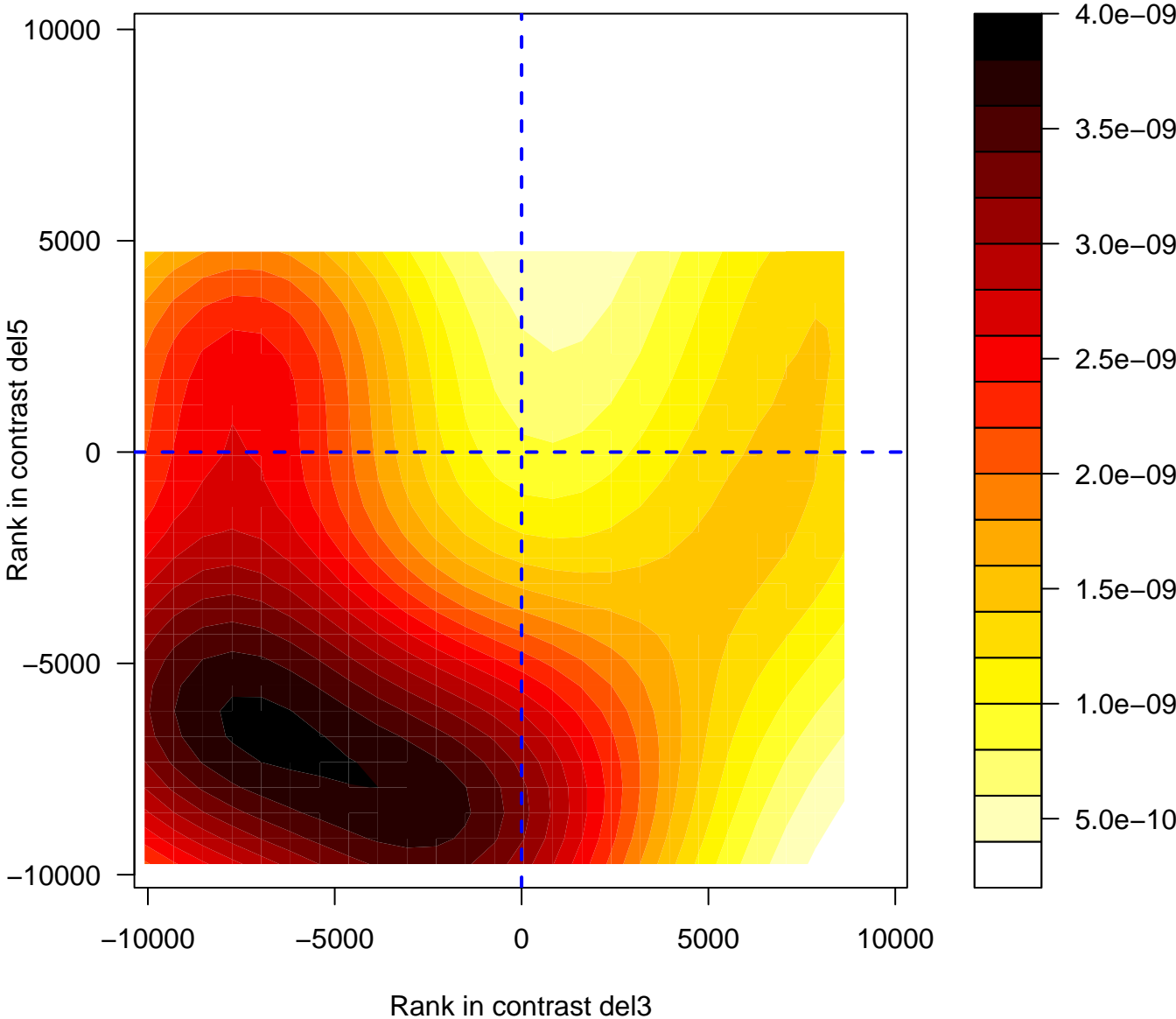
PS.lightreaction.NADH.DH



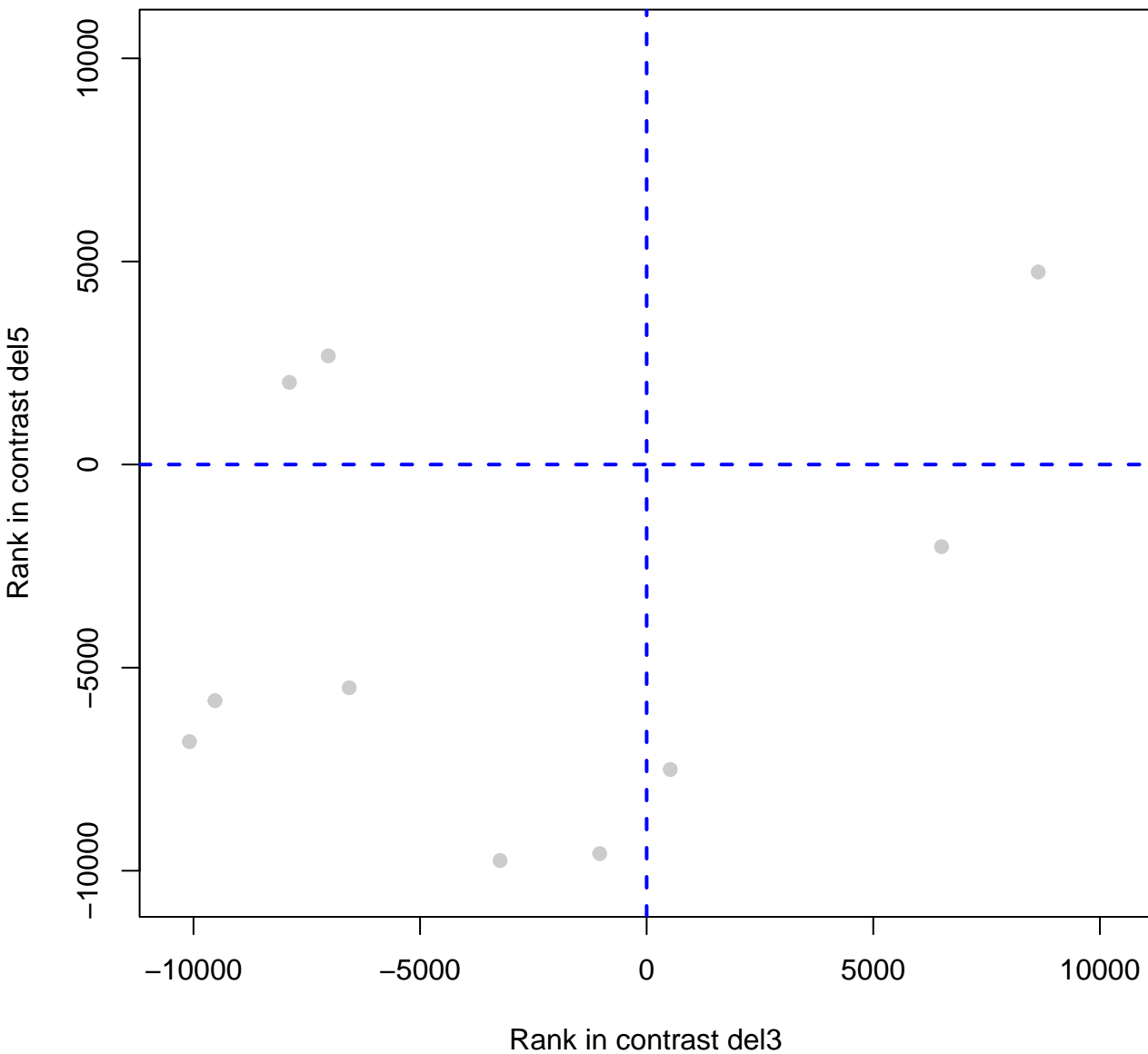
PS.lightreaction.NADH.DH



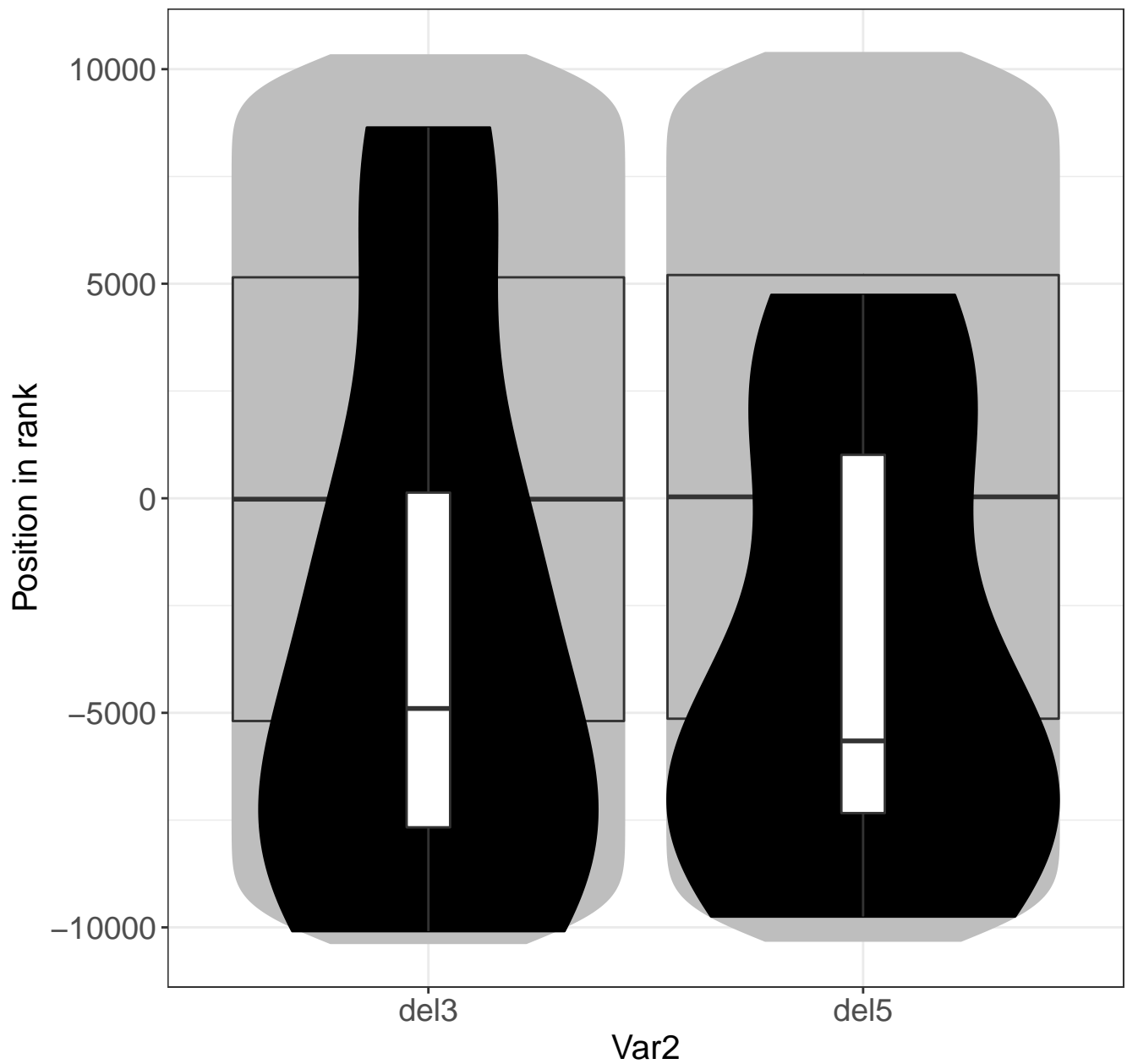
protein.degradation.ubiquitin.E3.BTB.POZ.Cullin3.BTB.P



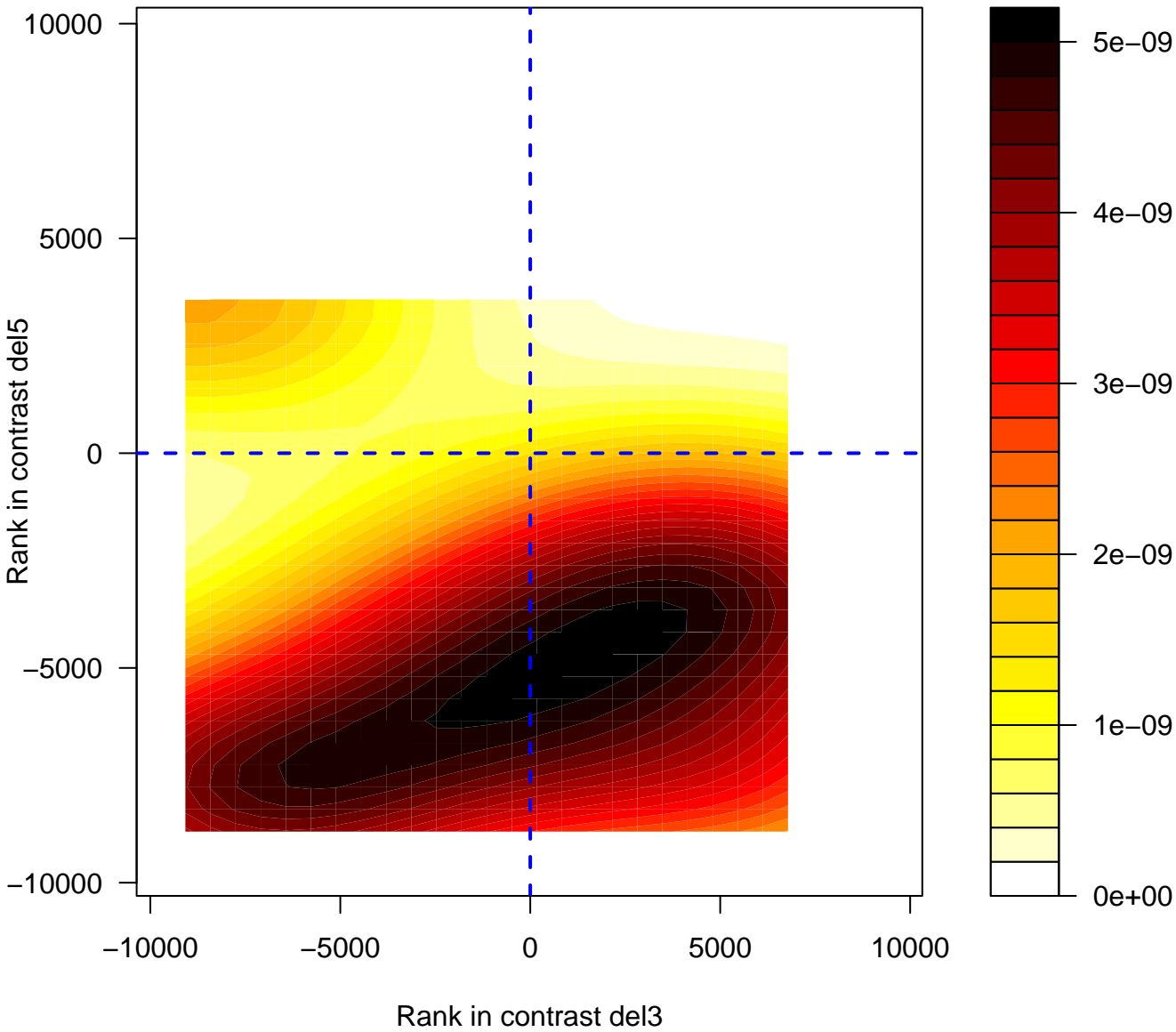
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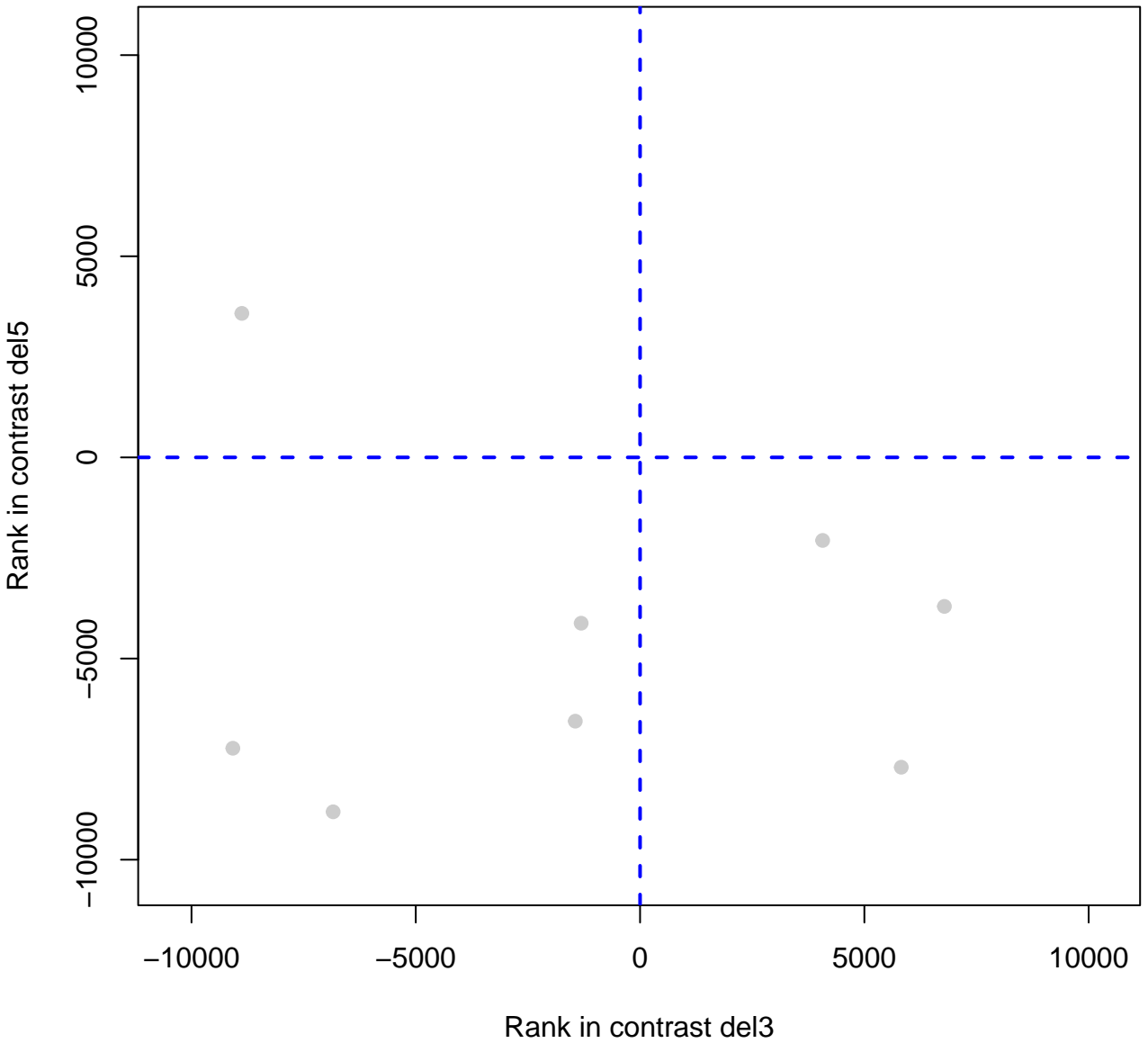
protein.degradation.ubiquitin.E3.BTB.POZ.Cullin



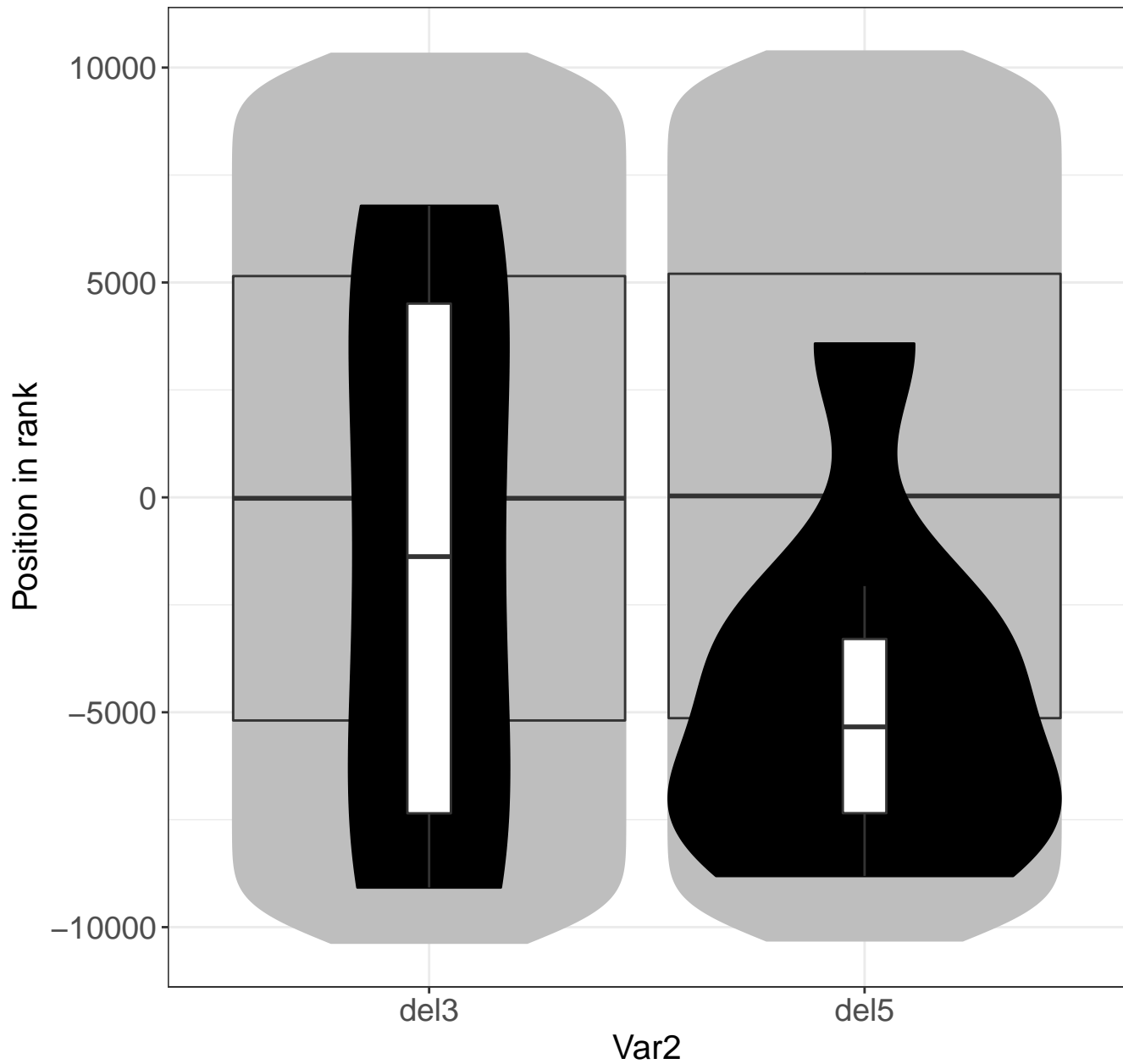
RNA.processing



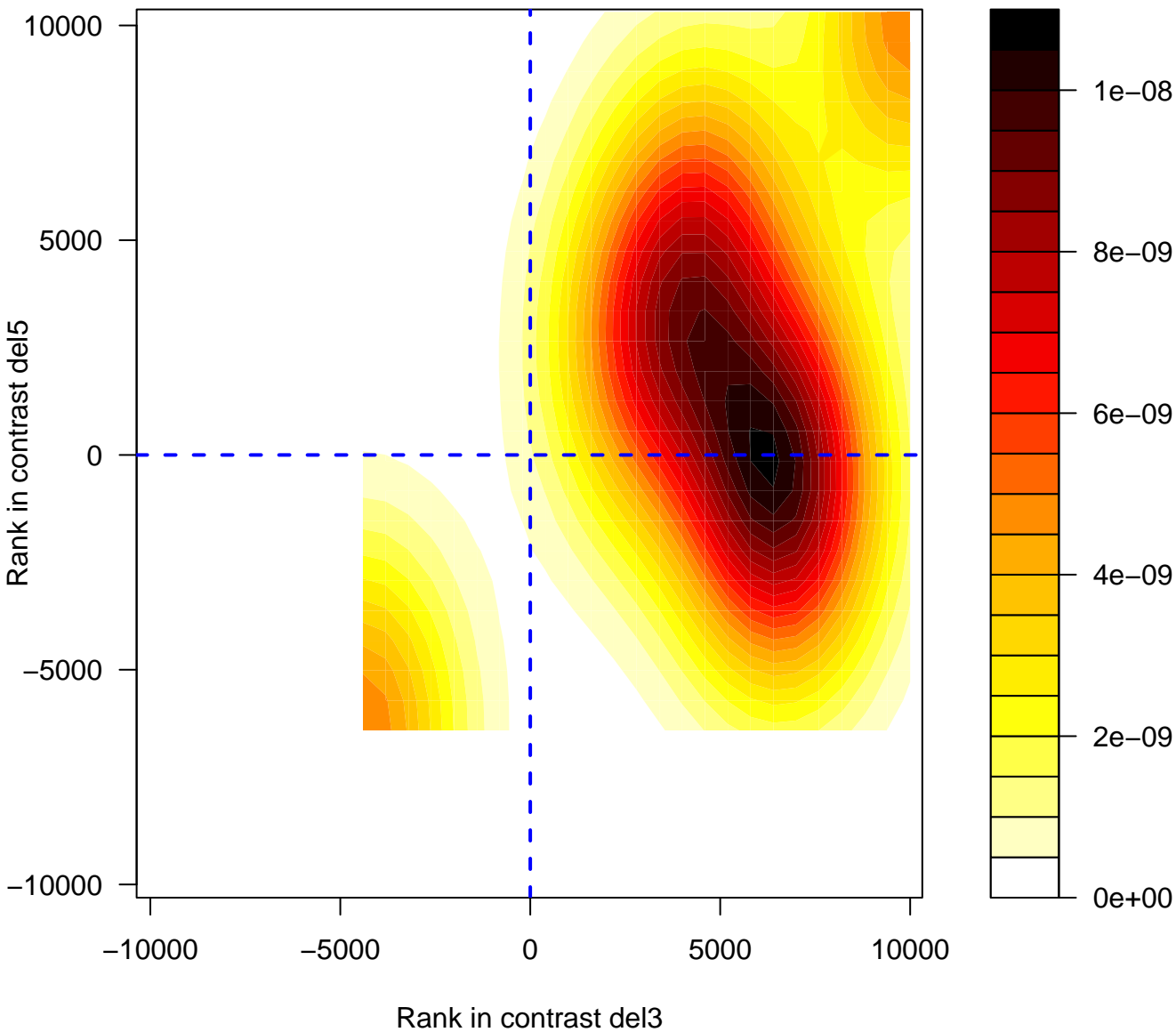
RNA.processing



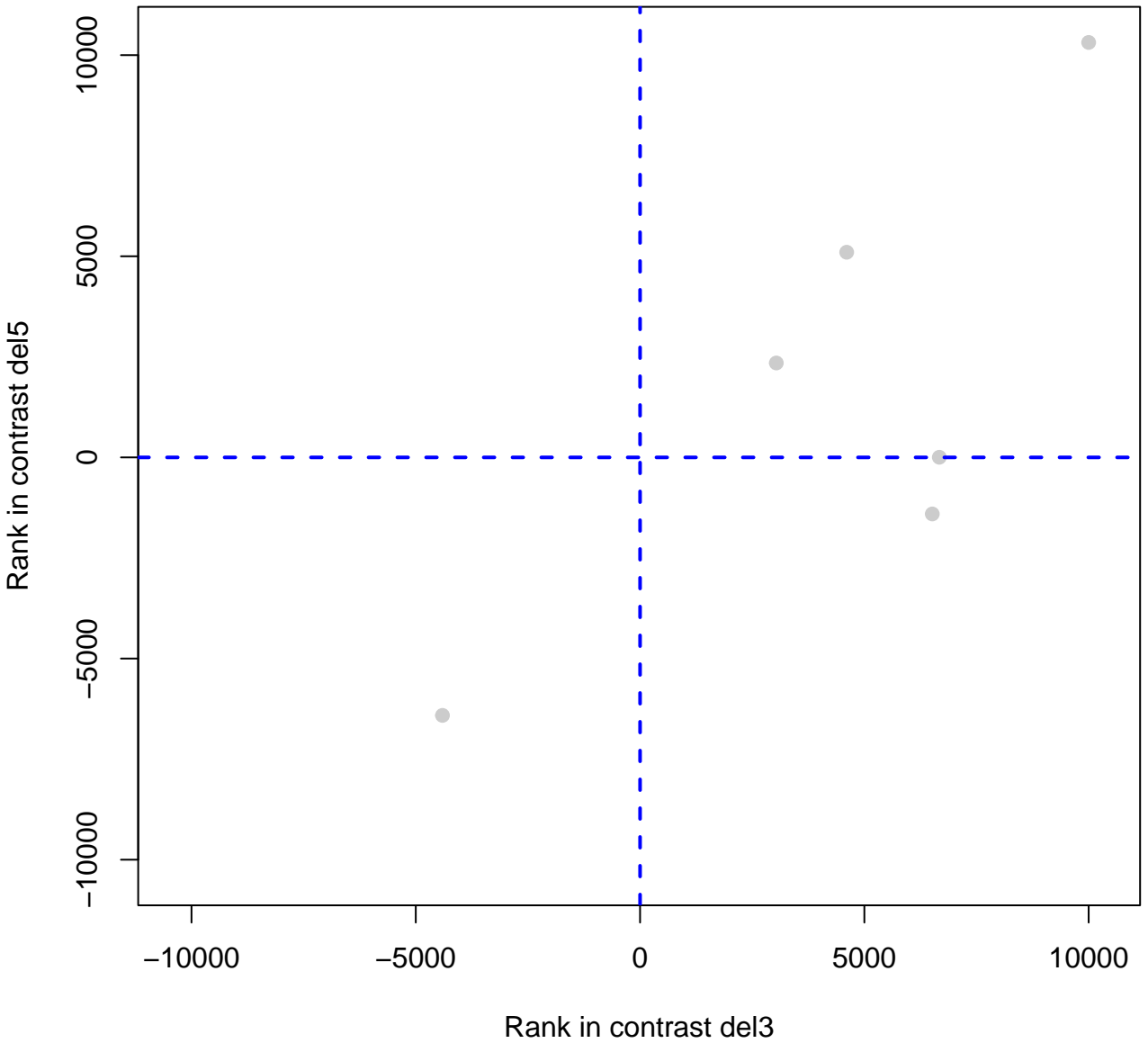
RNA.processing



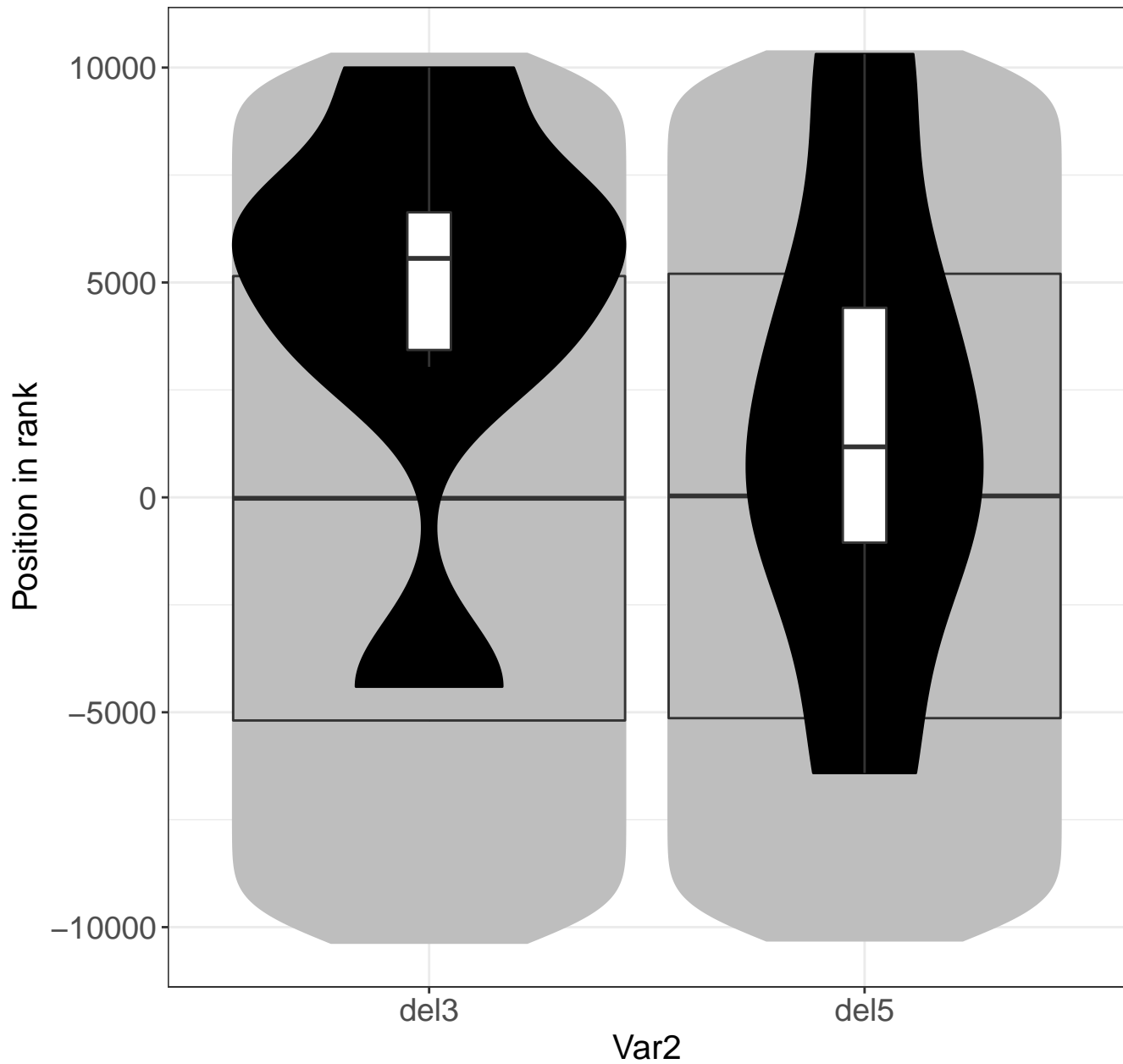
cell.wall.pectin.esterases.misc



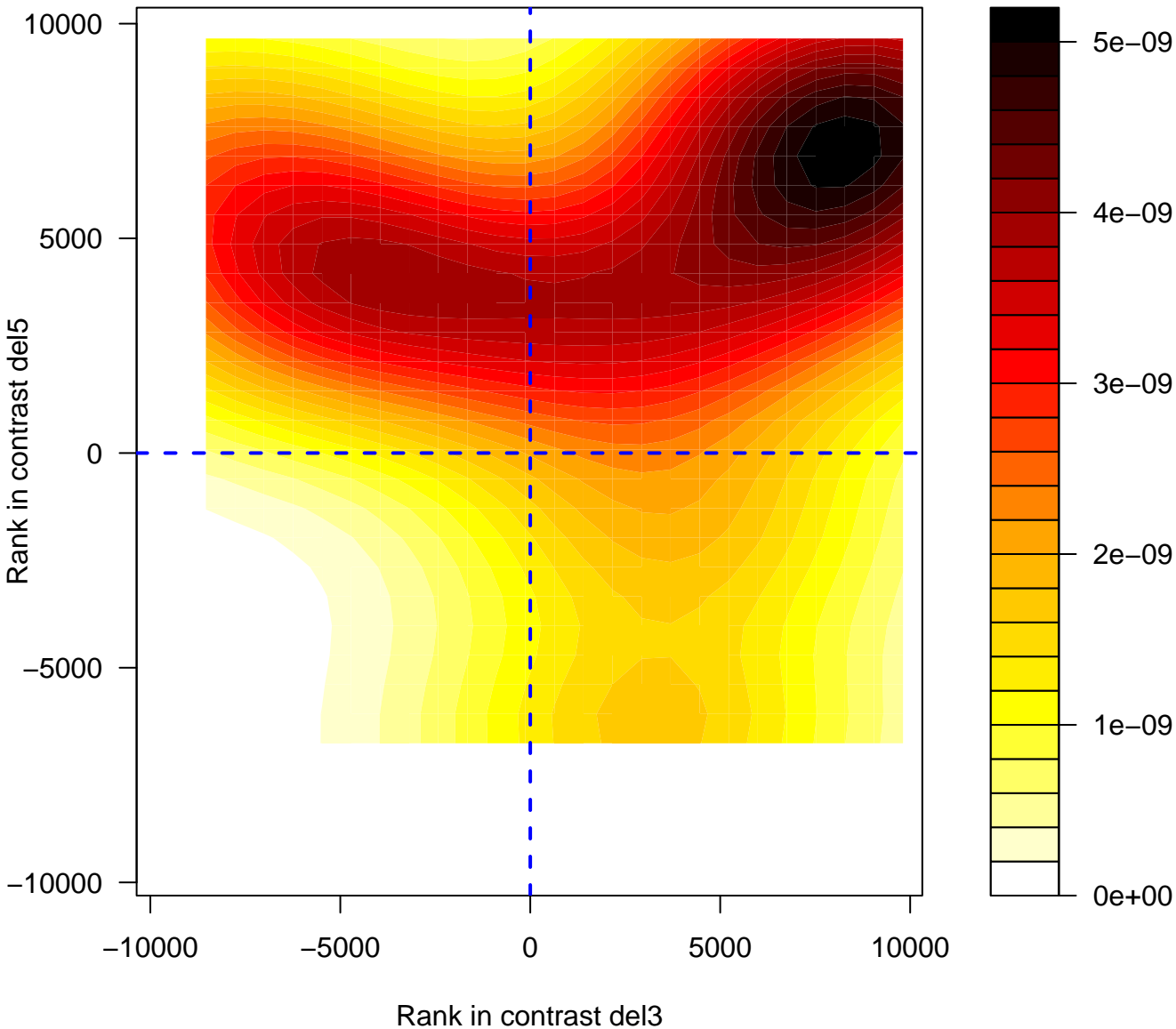
cell.wall.pectin.esterases.misc



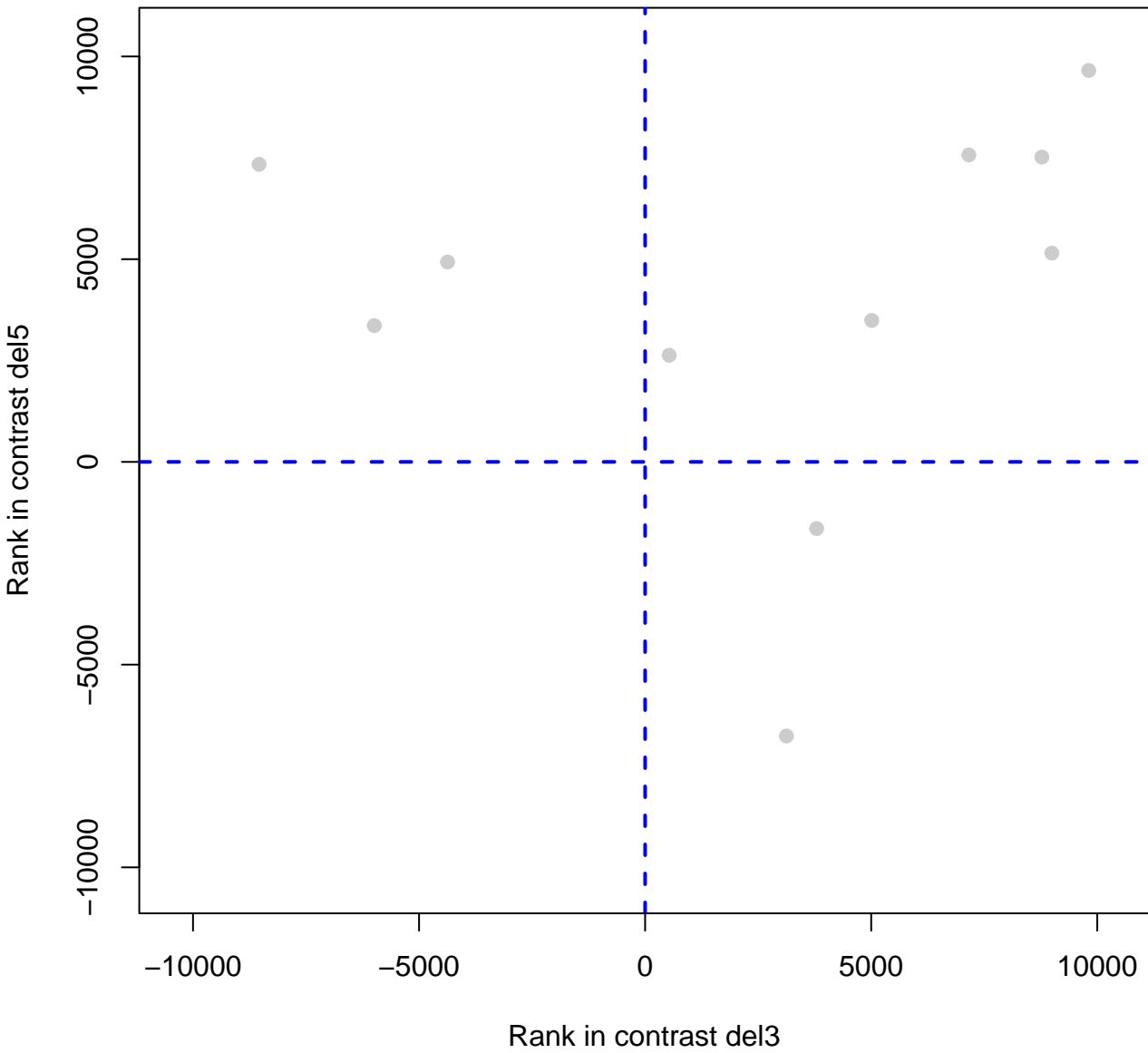
cell.wall.pectin.esterases.misc



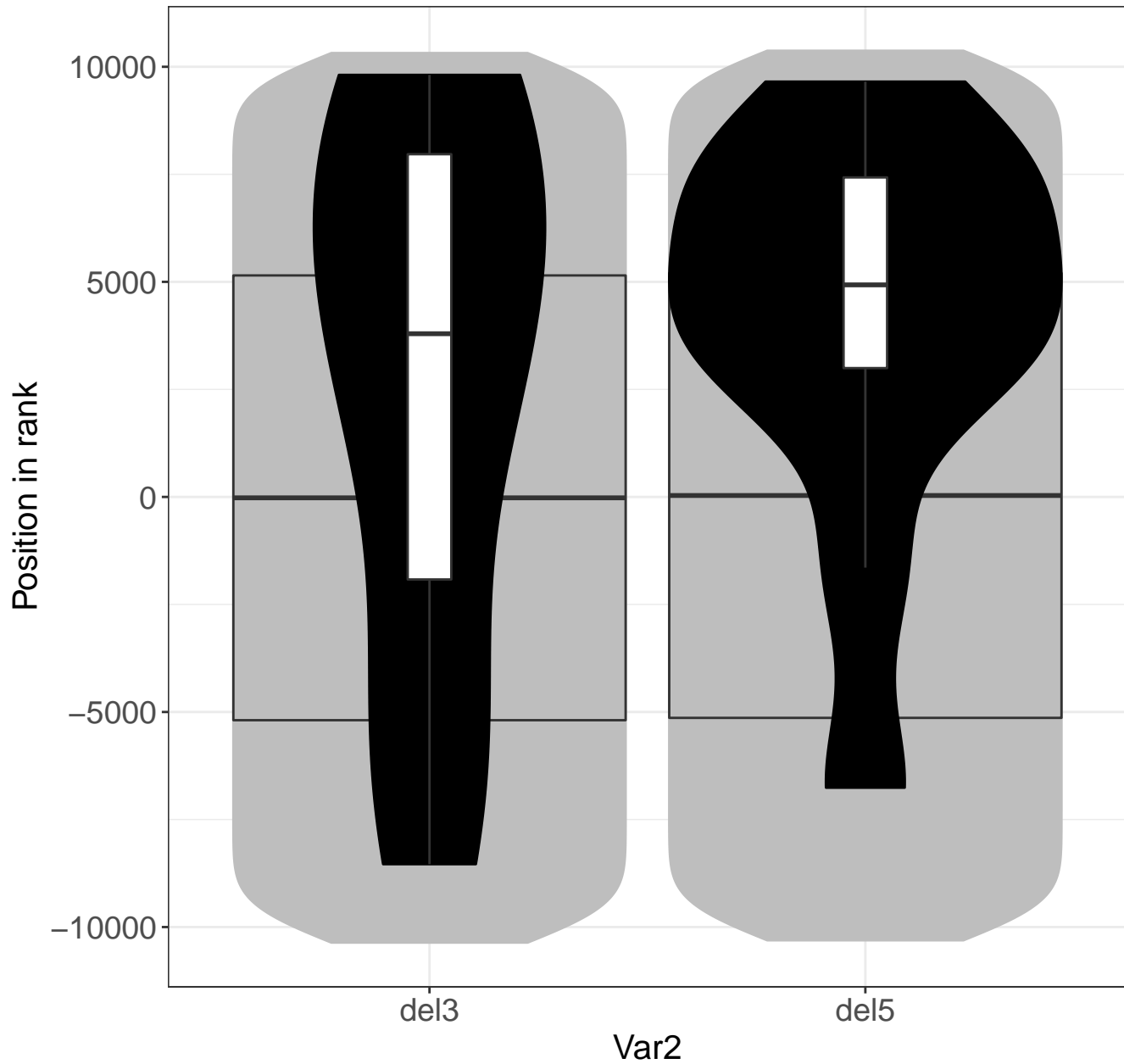
redox.dismutases.and.catalases



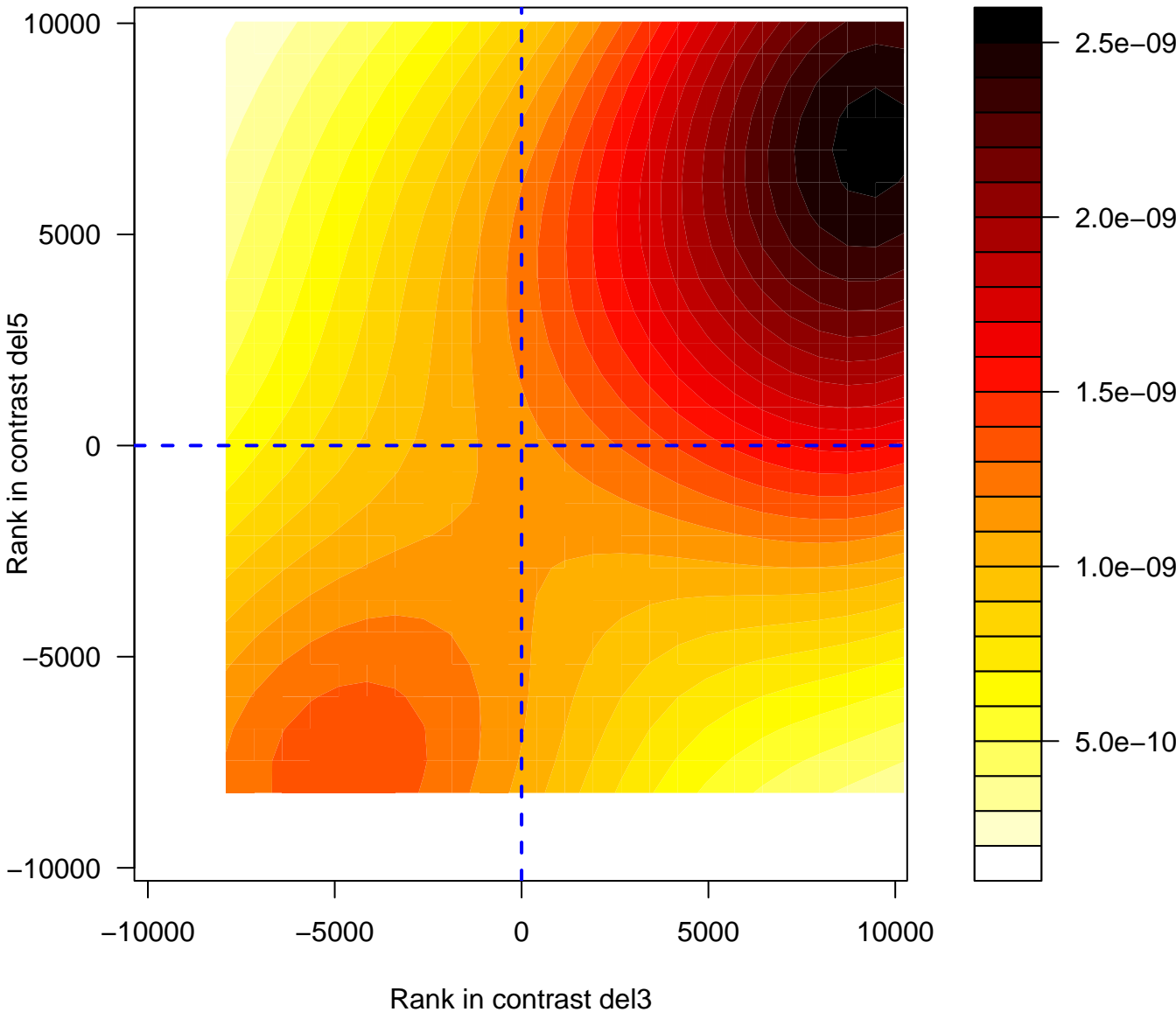
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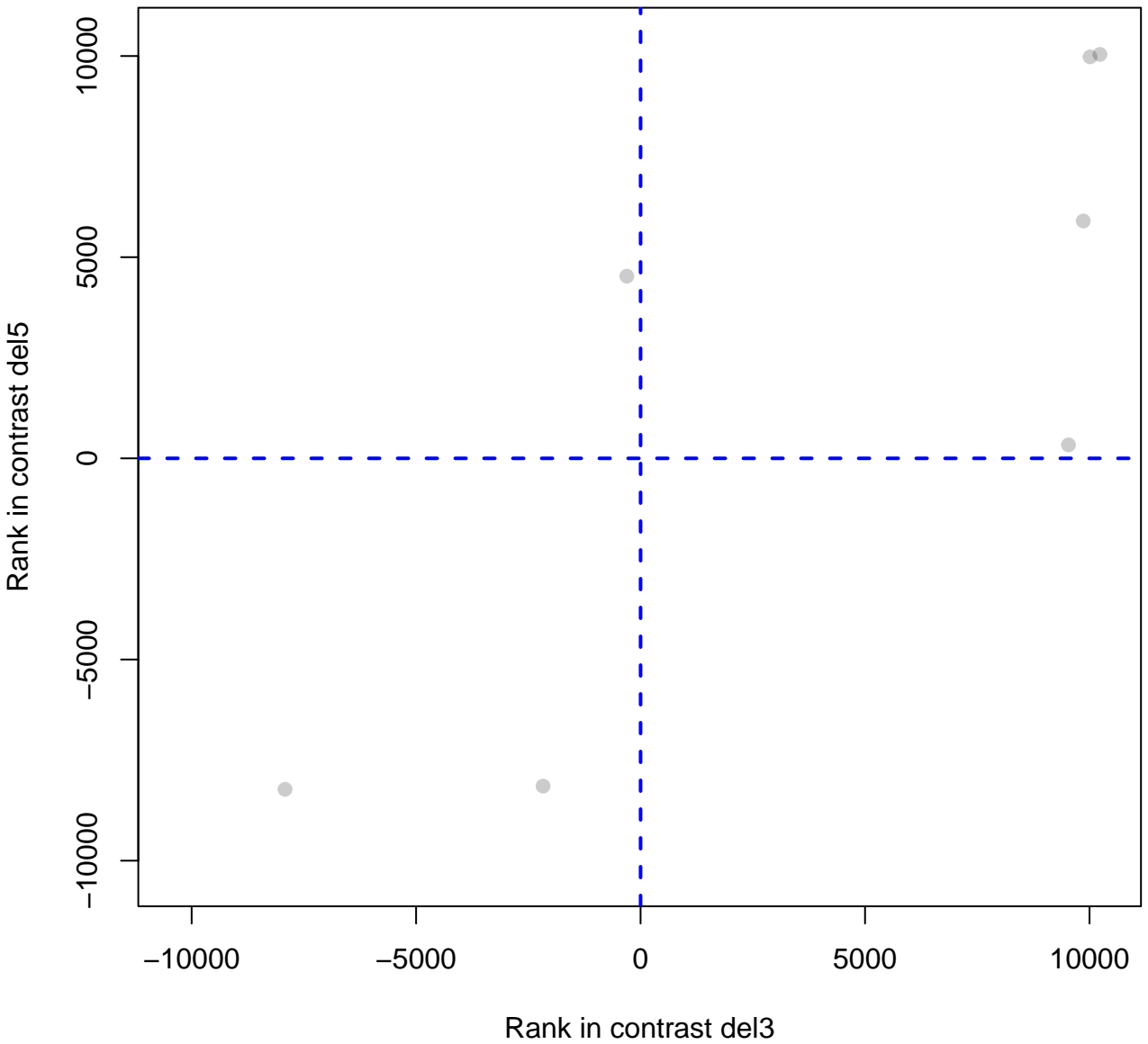
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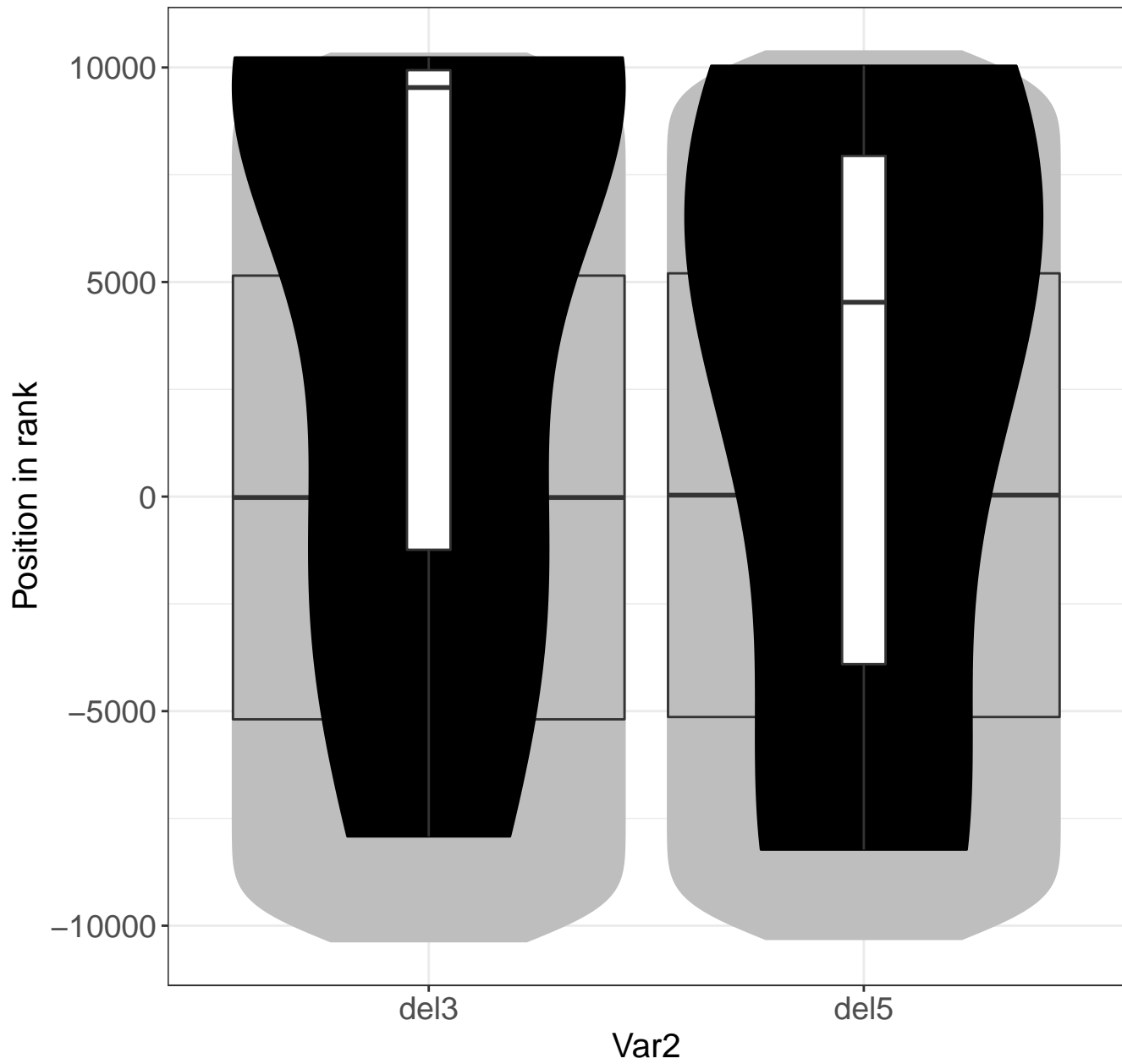
cell.wall.cellulose.synthesis.COBRA



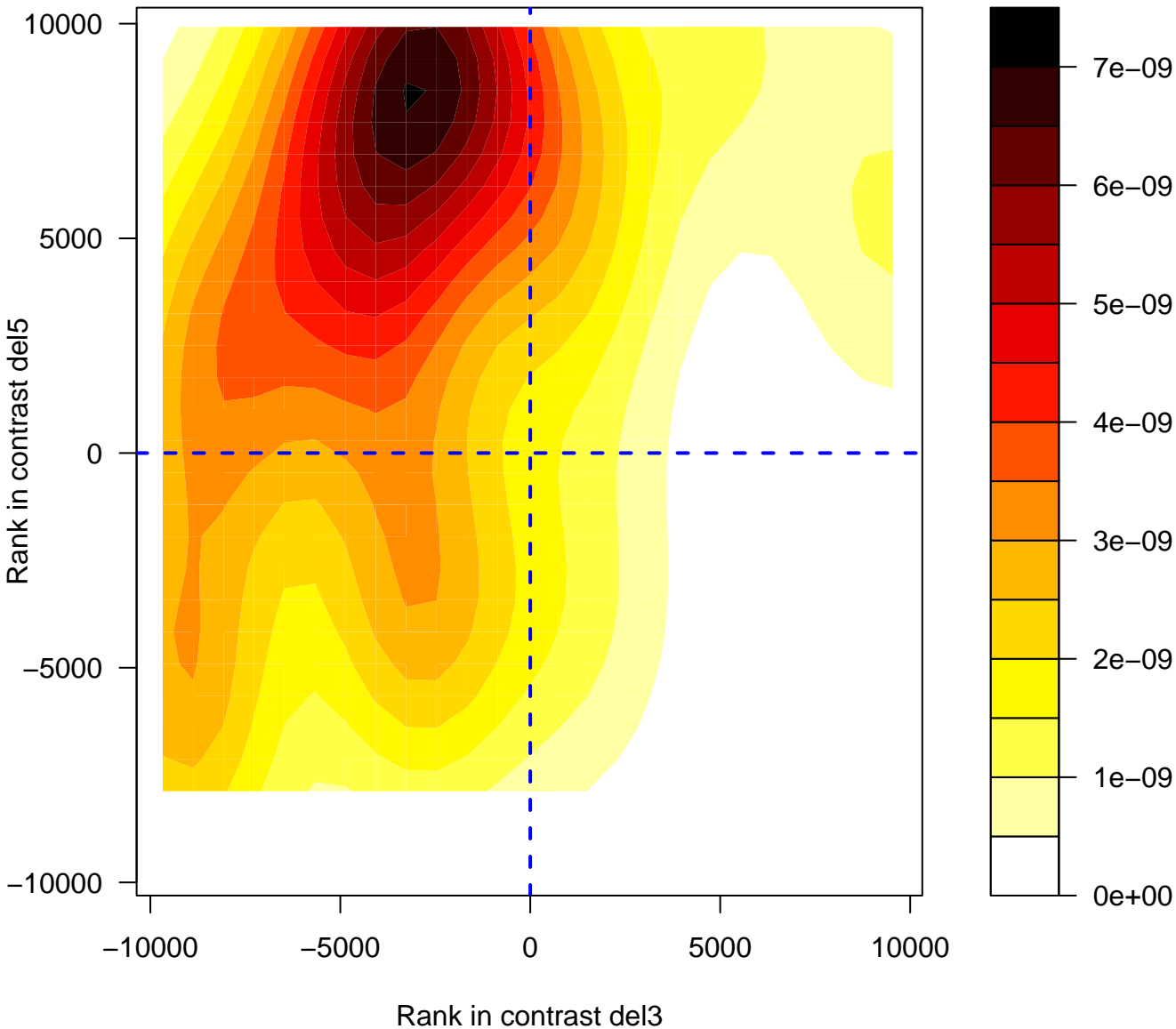
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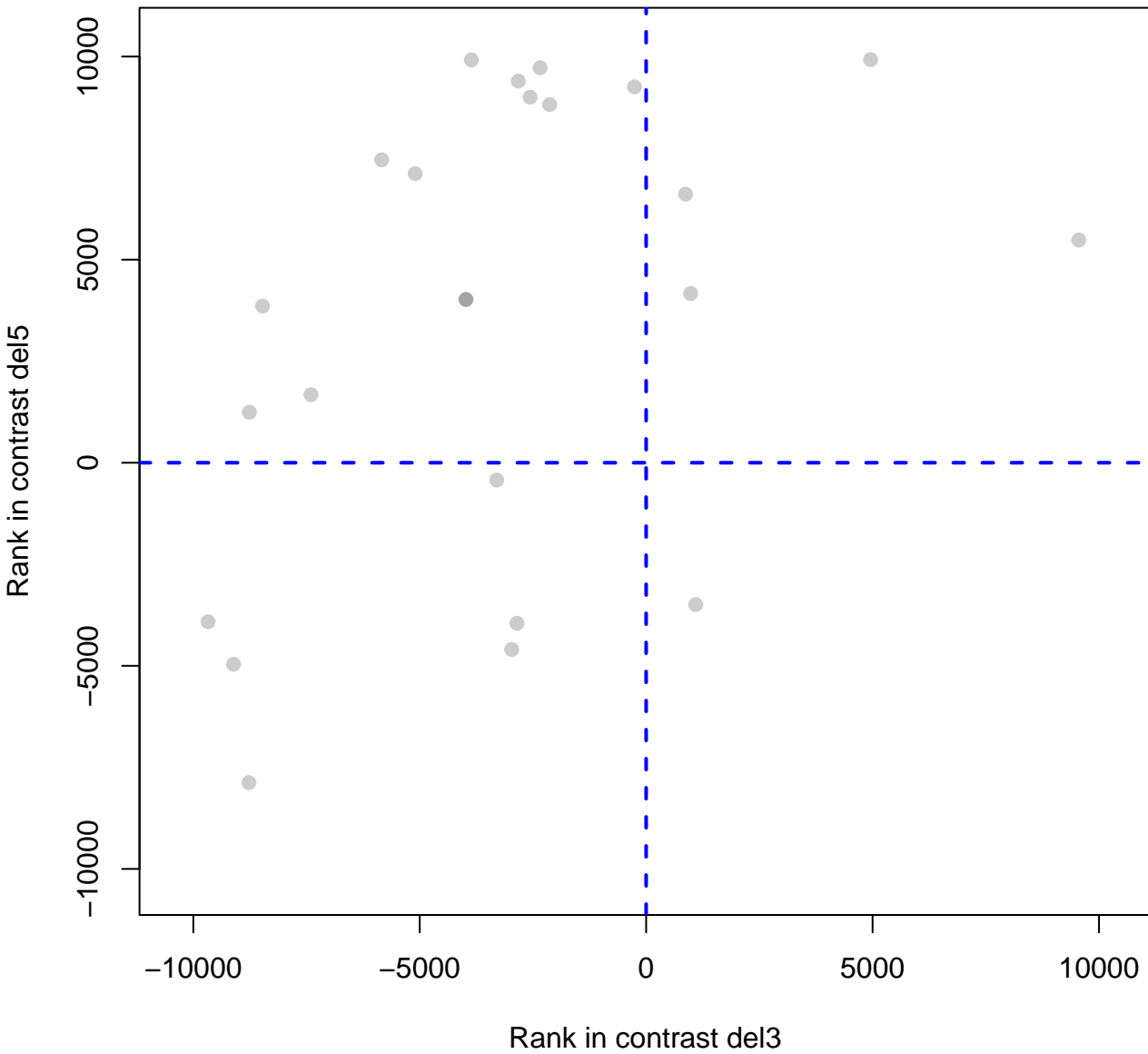
cell.wall.cellulose.synthesis.COBRA



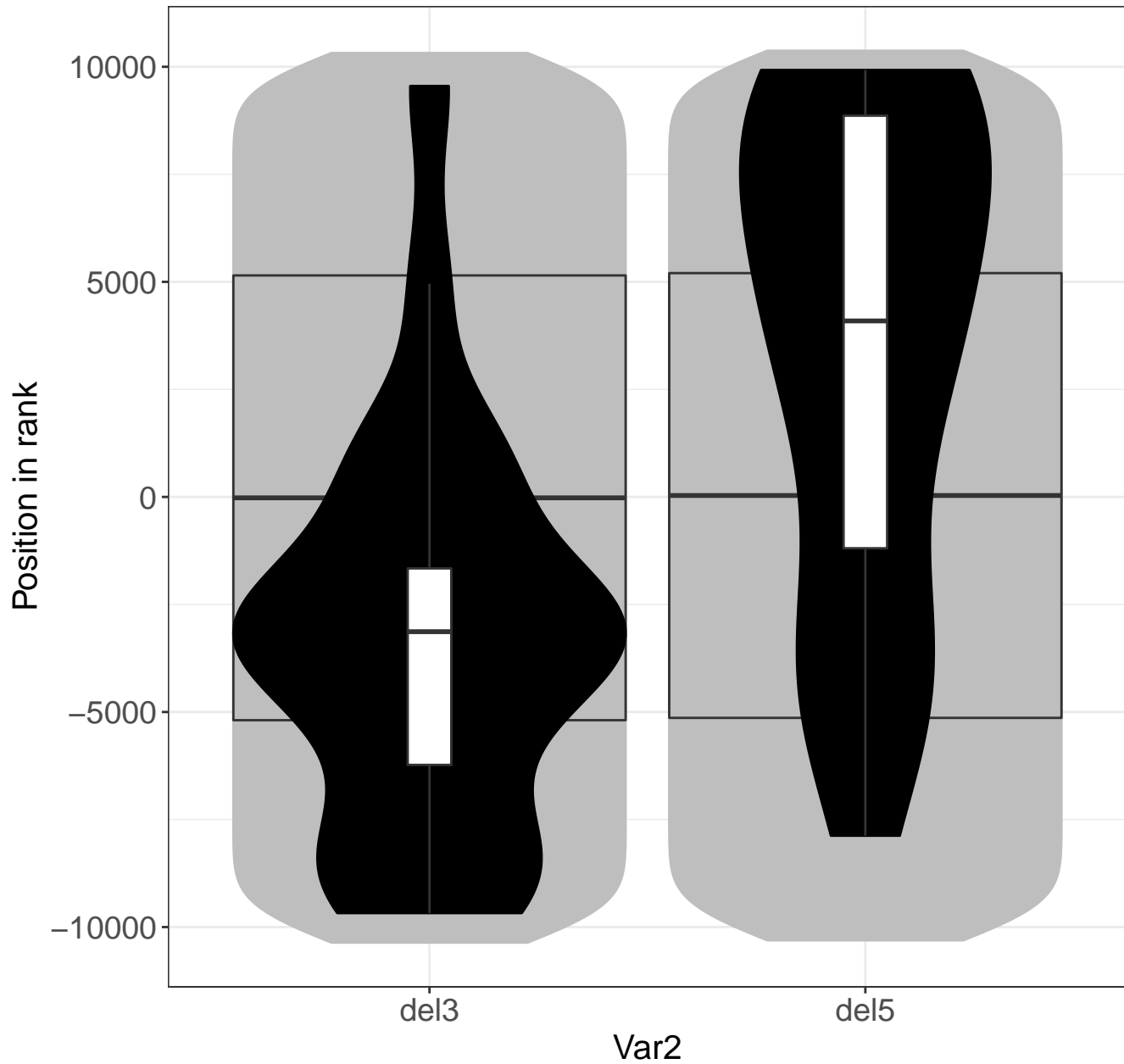
protein.assembly.and.cofactor.ligation



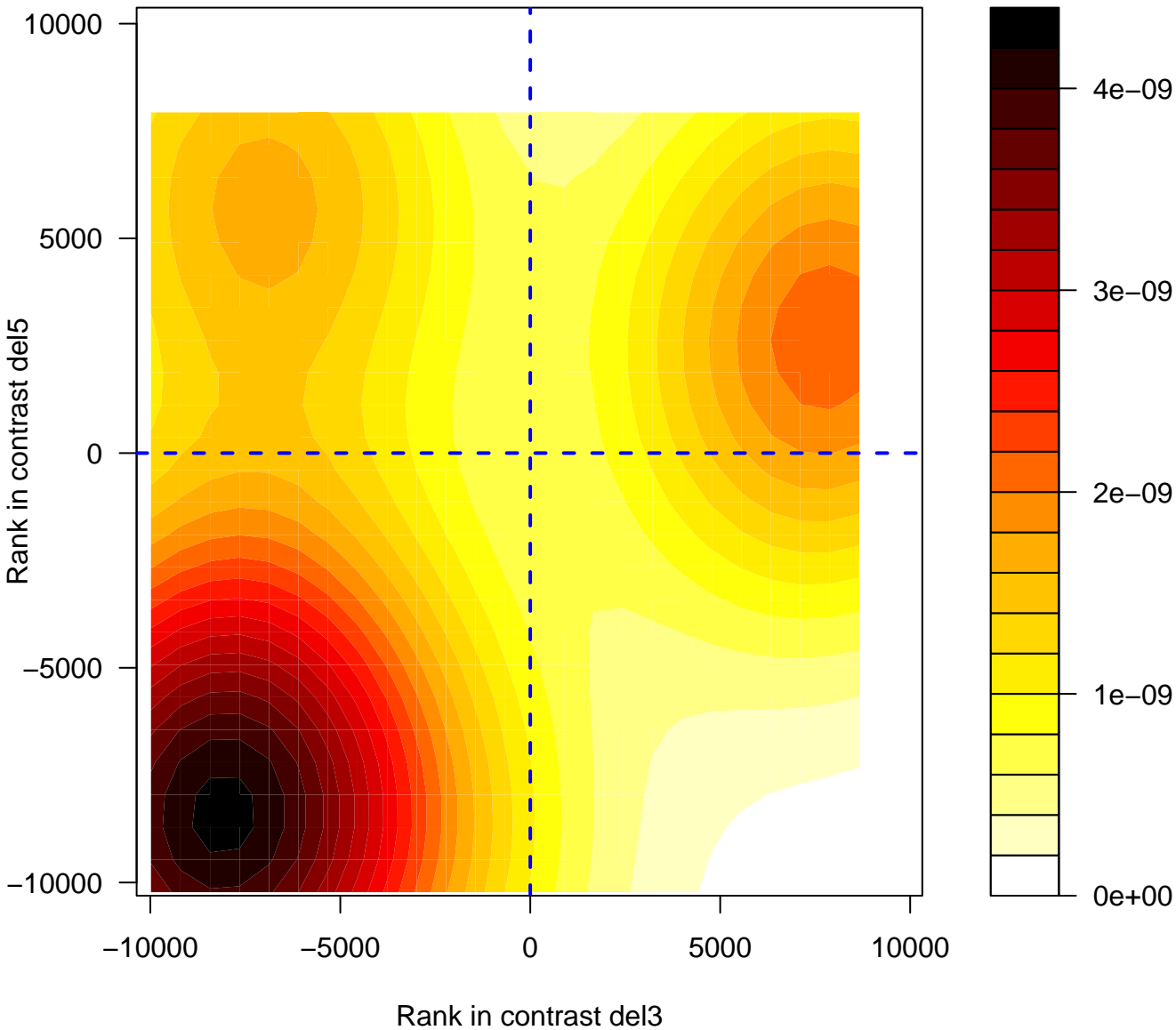
protein.assembly.and.cofactor.ligation



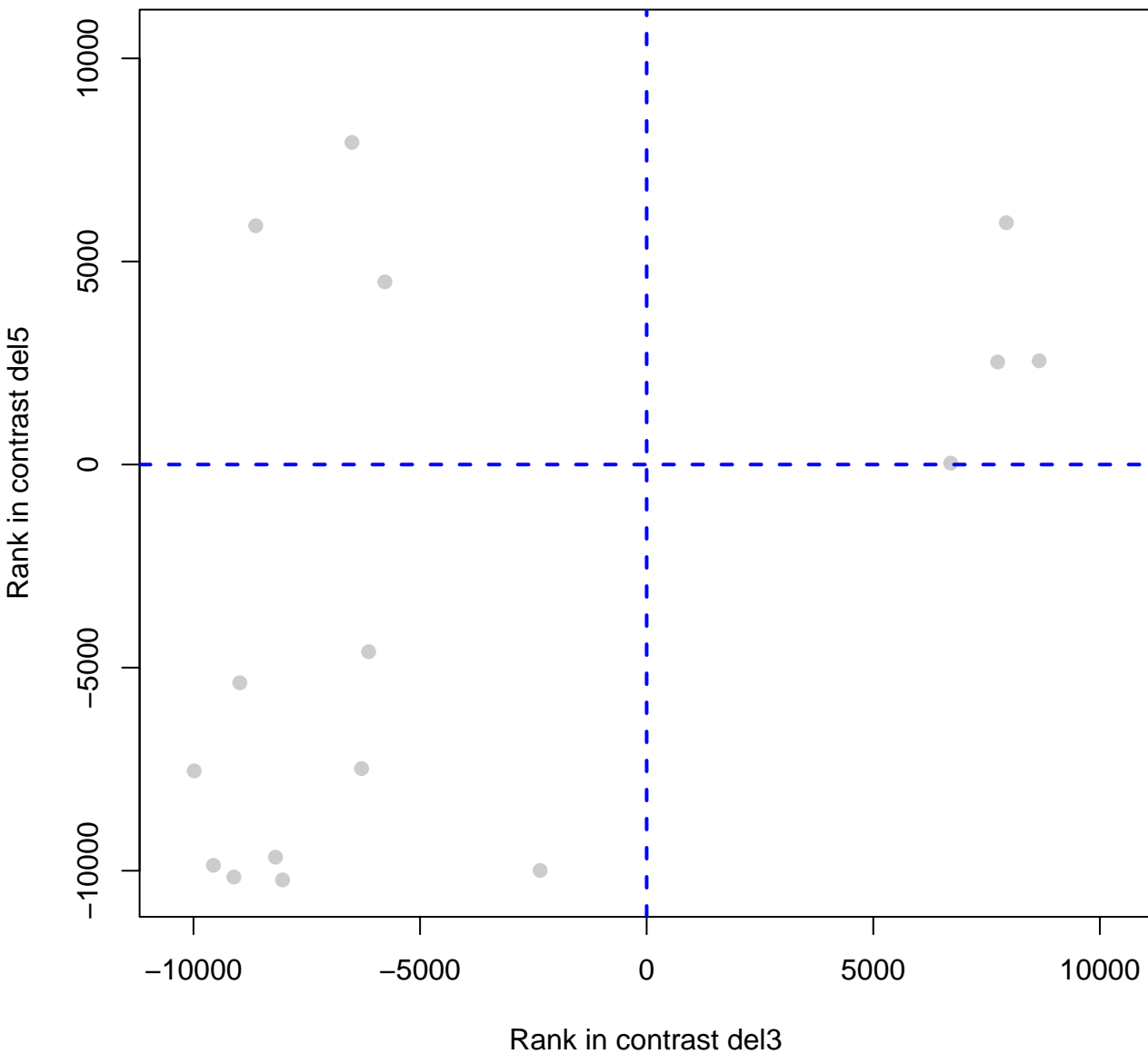
protein.assembly.and.cofactor.ligation



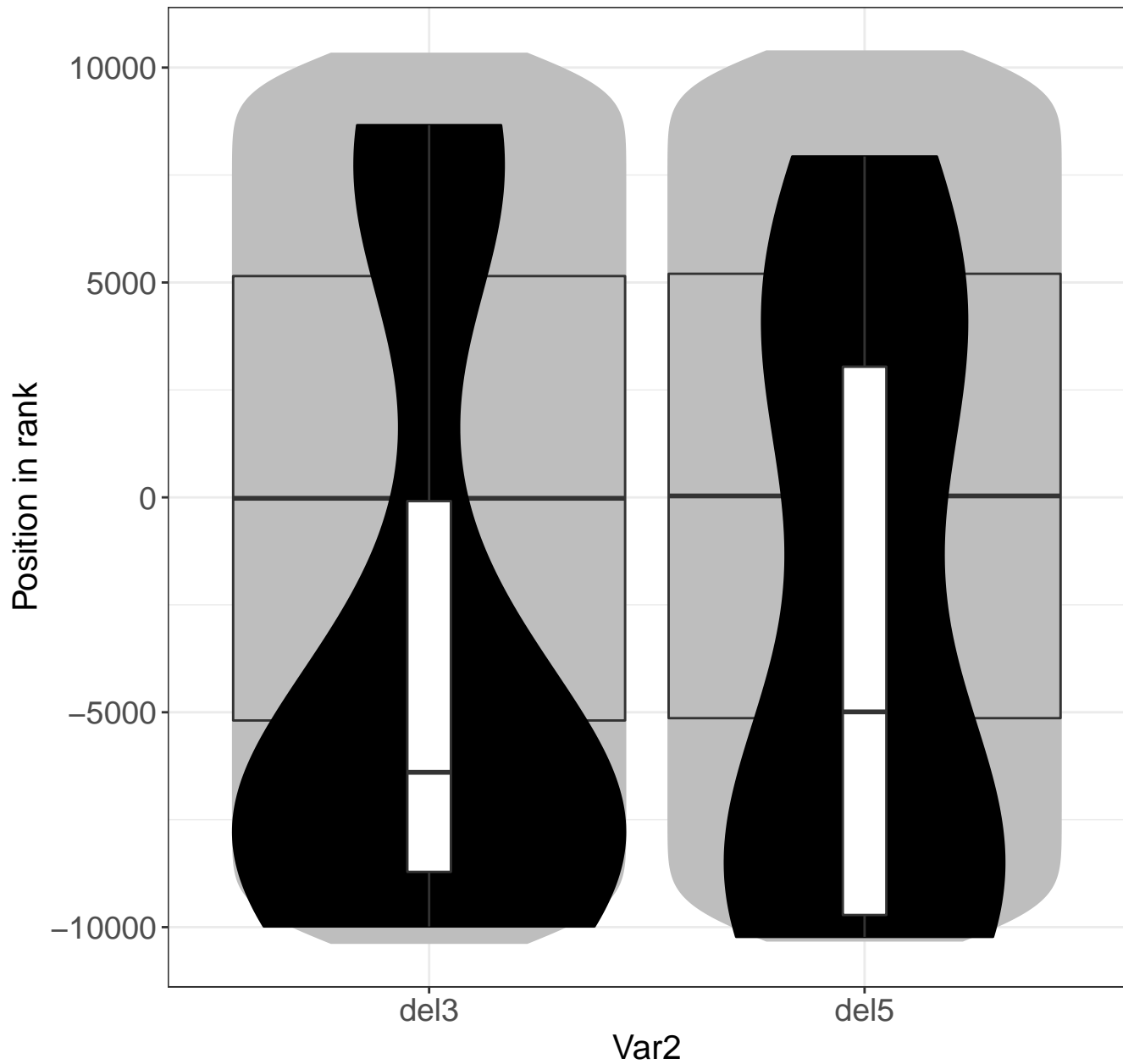
development.late.embryogenesis.abundant



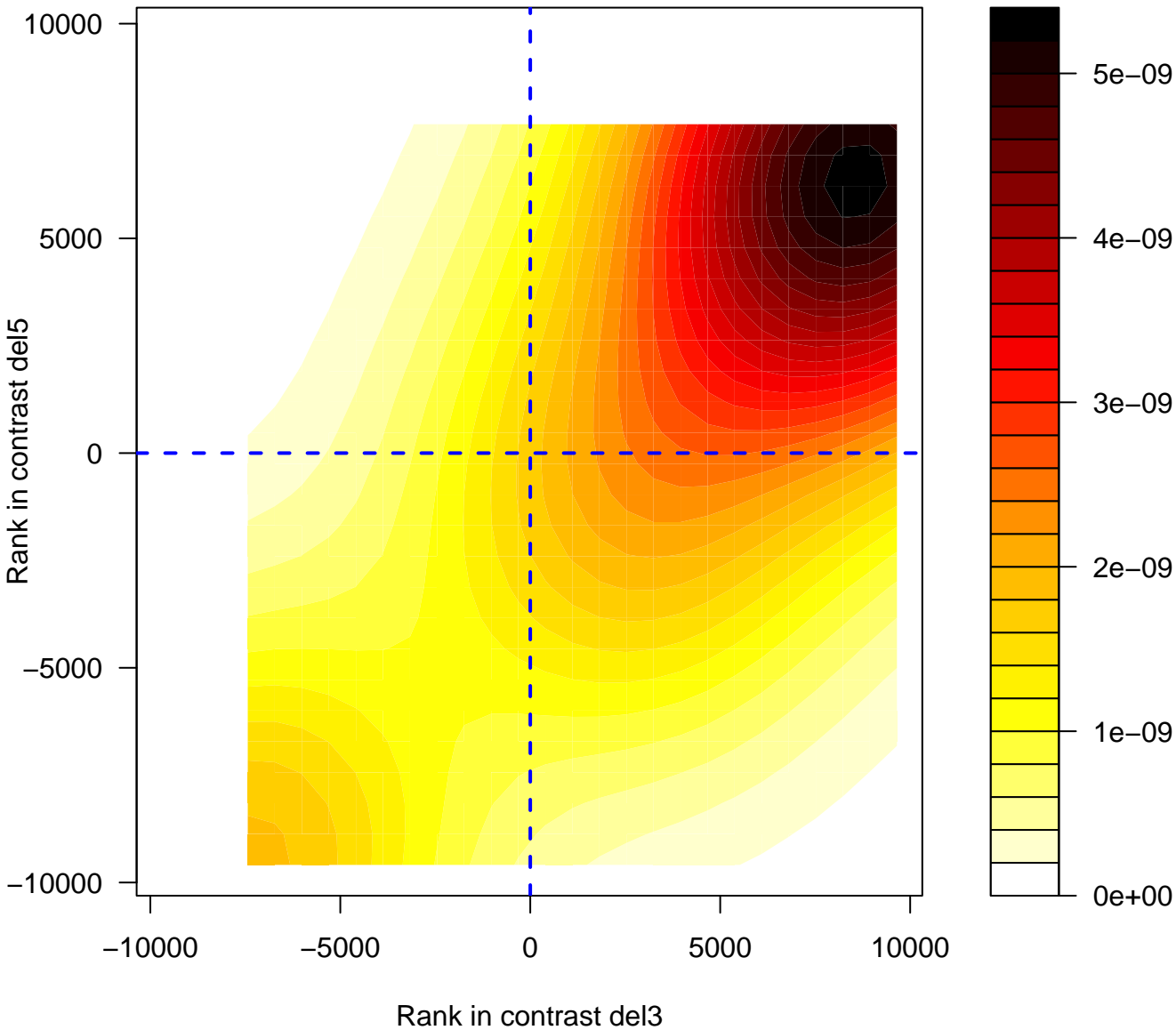
development.late.embryogenesis.abundant



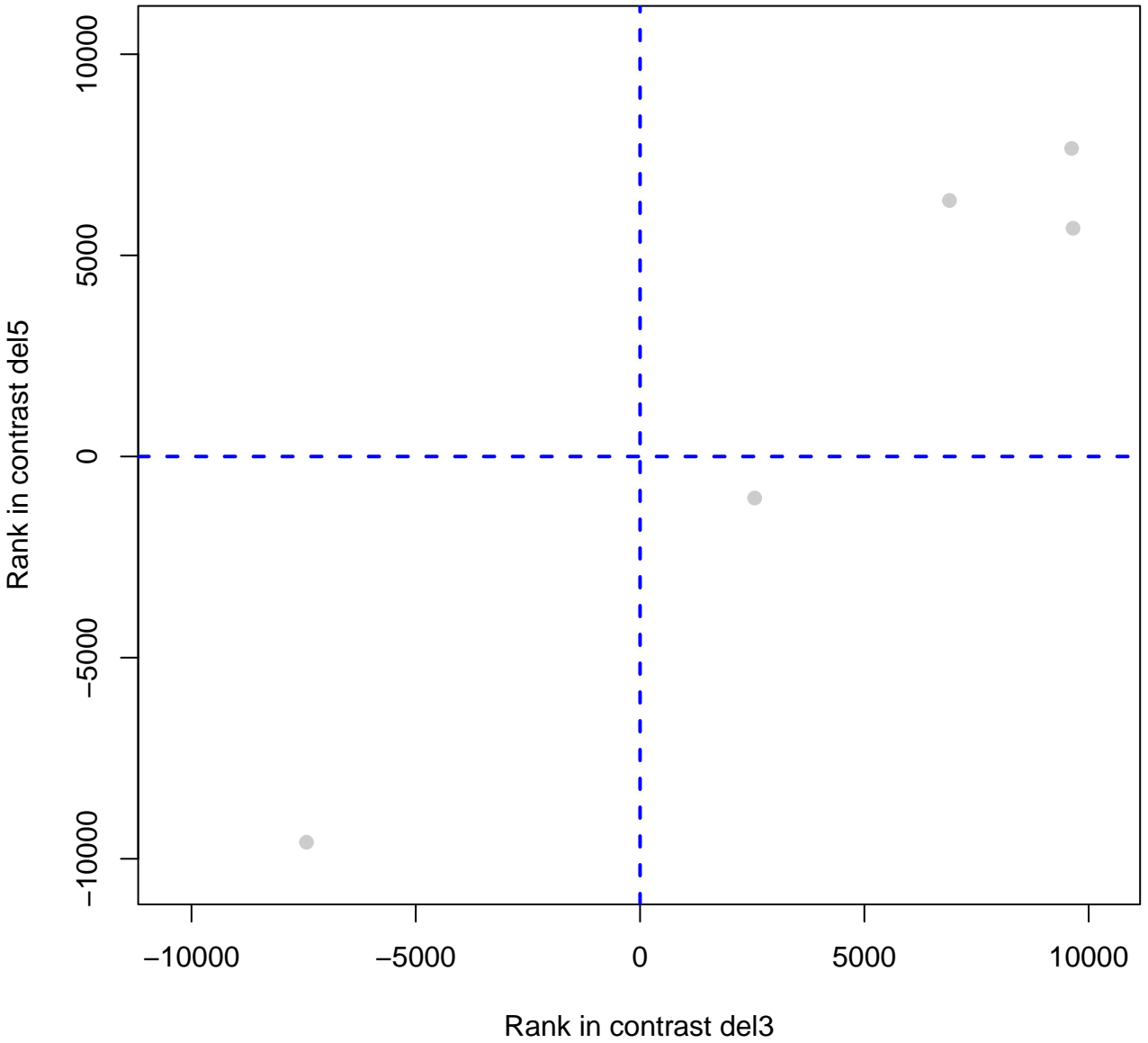
development.late.embryogenesis.abundant



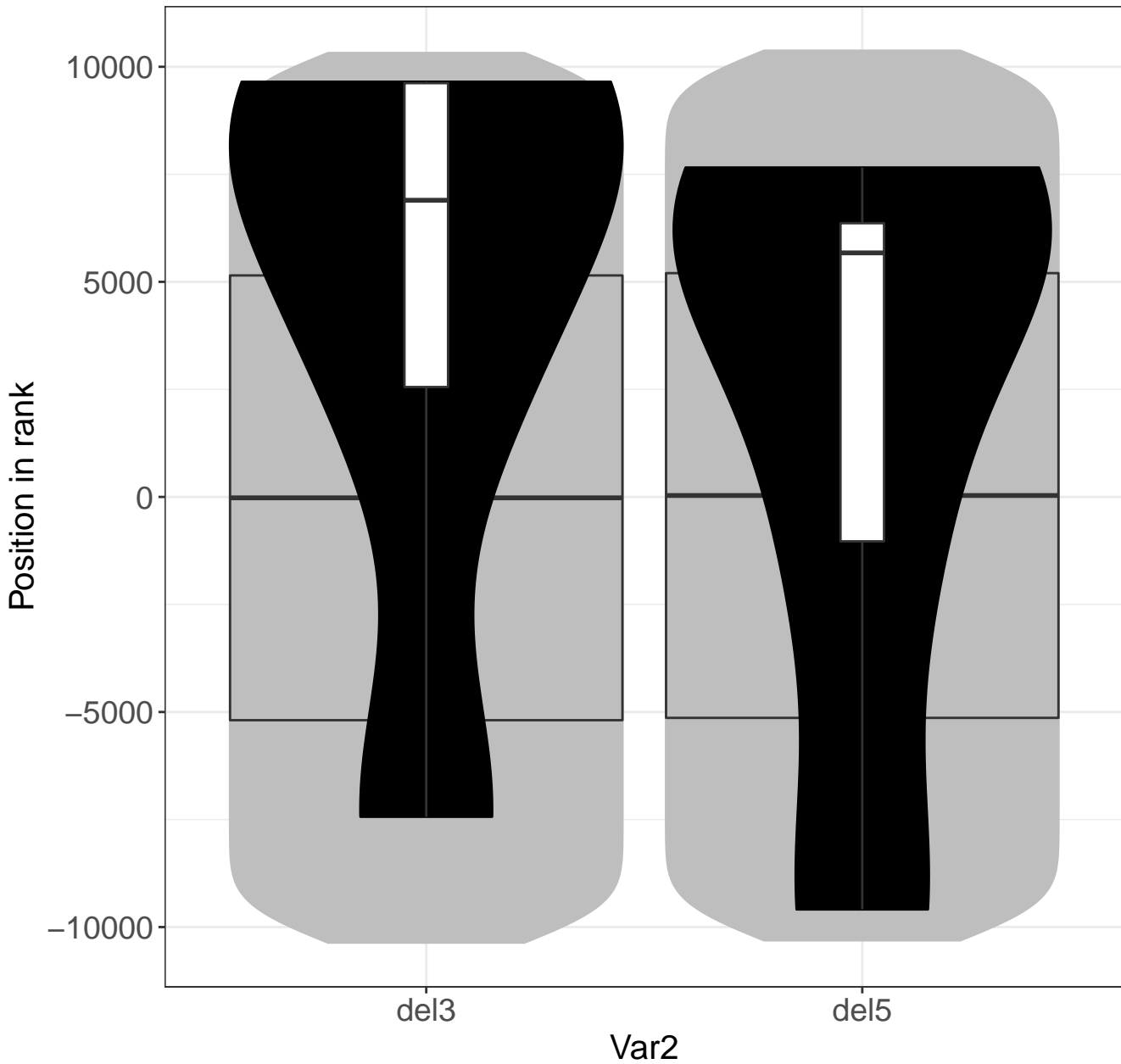
redox.heme



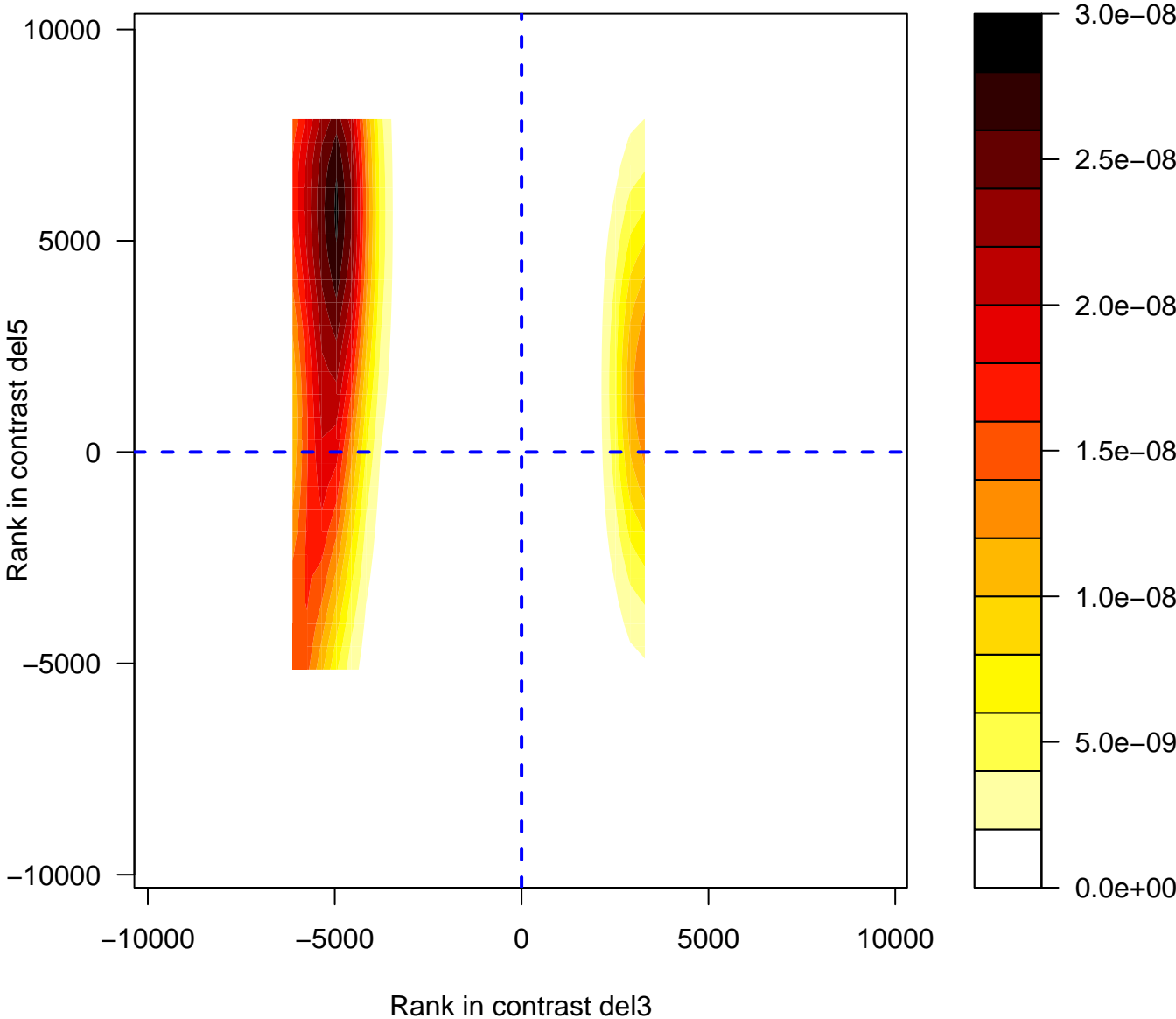
redox.heme



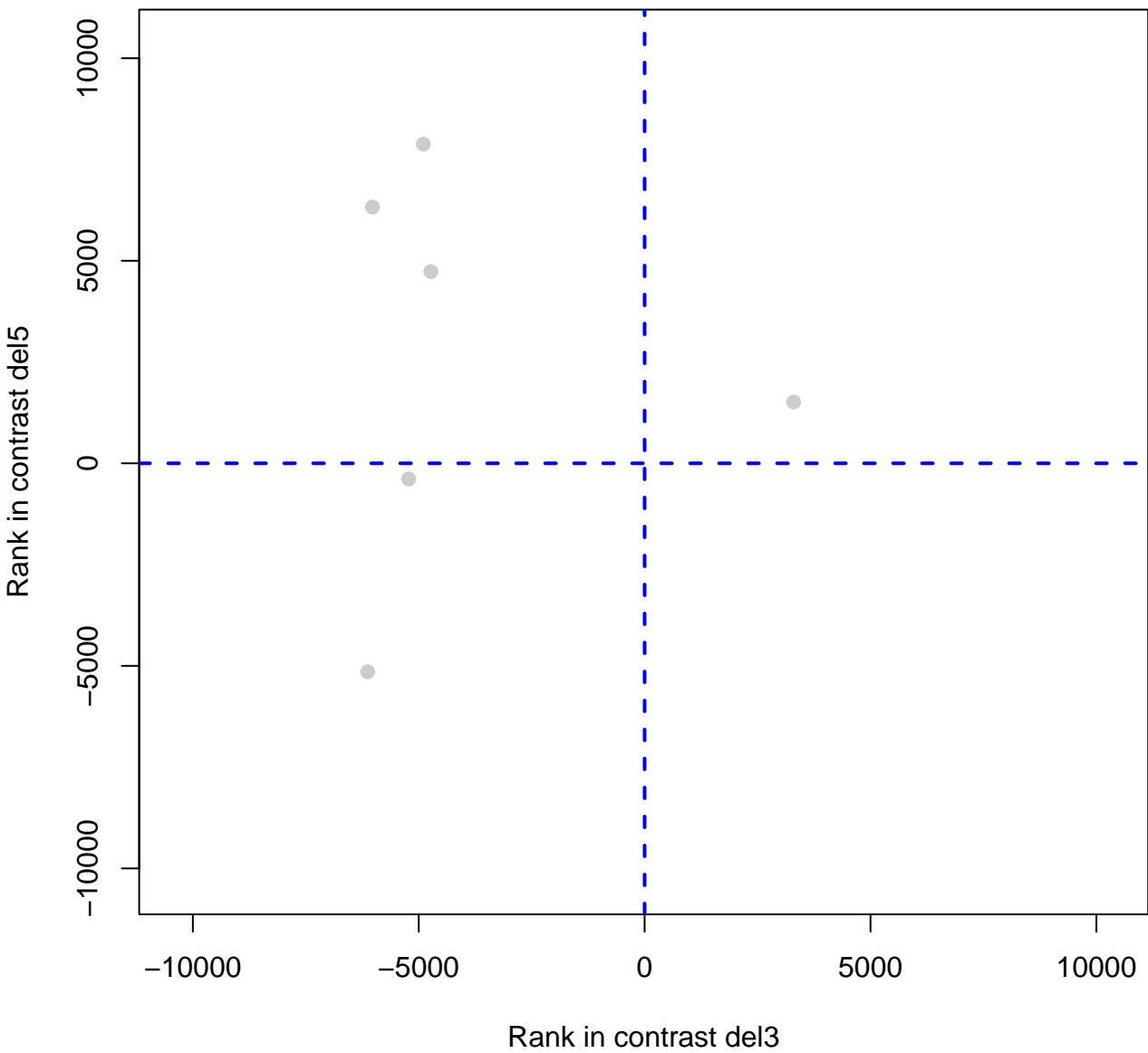
redox.heme



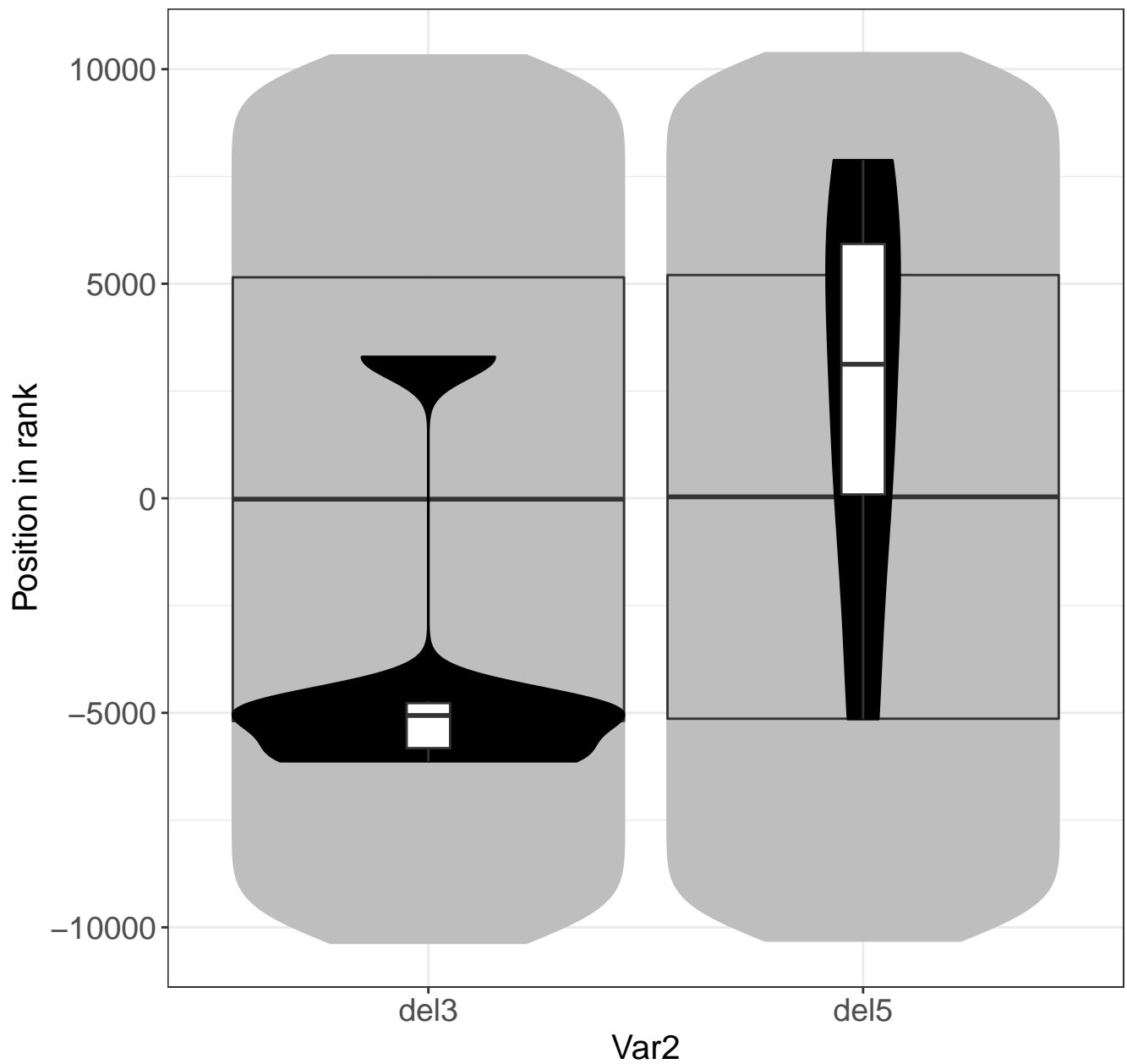
s.ribosome.biogenesis.Pre.rRNA.processing.and.modificatio



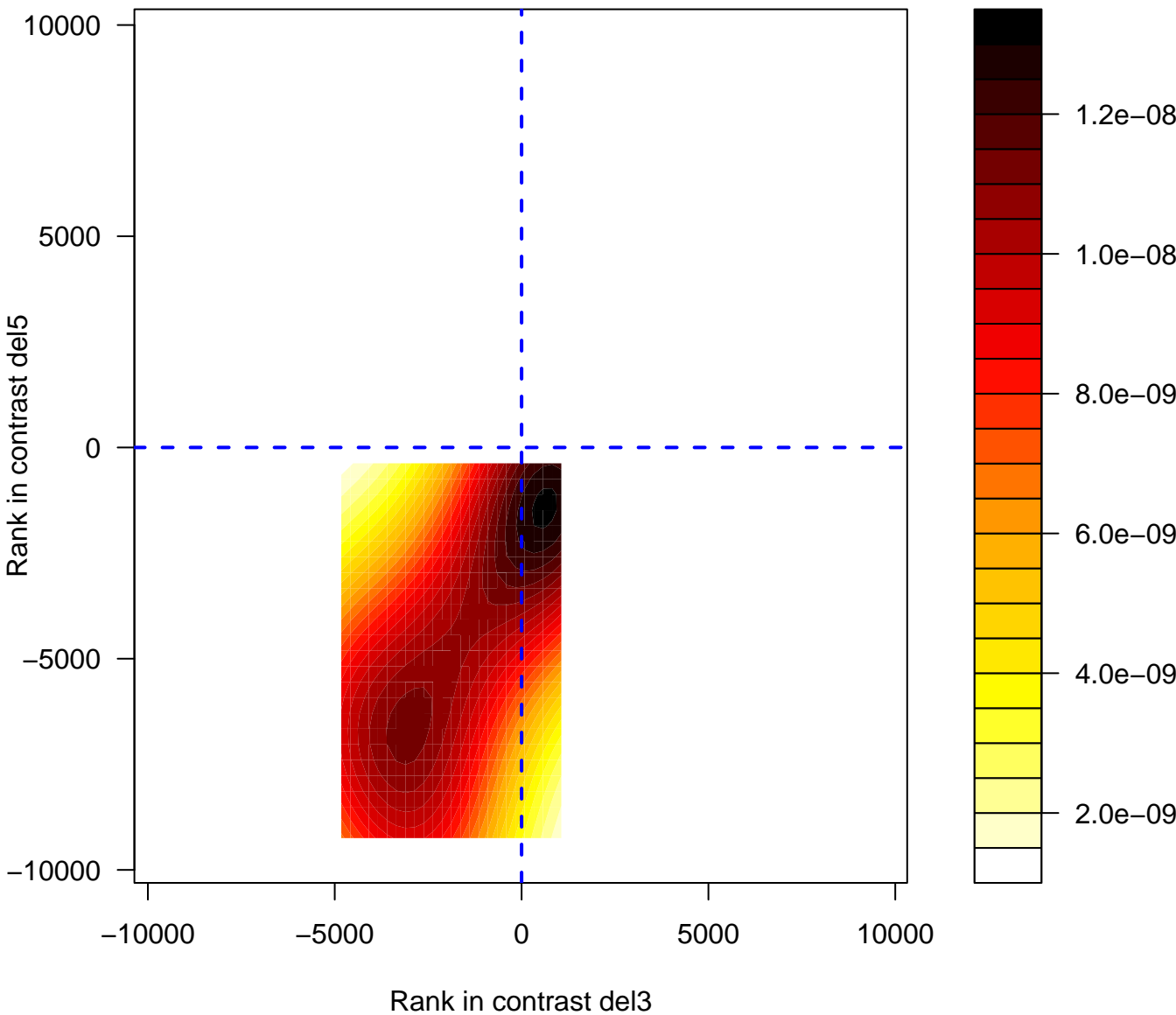
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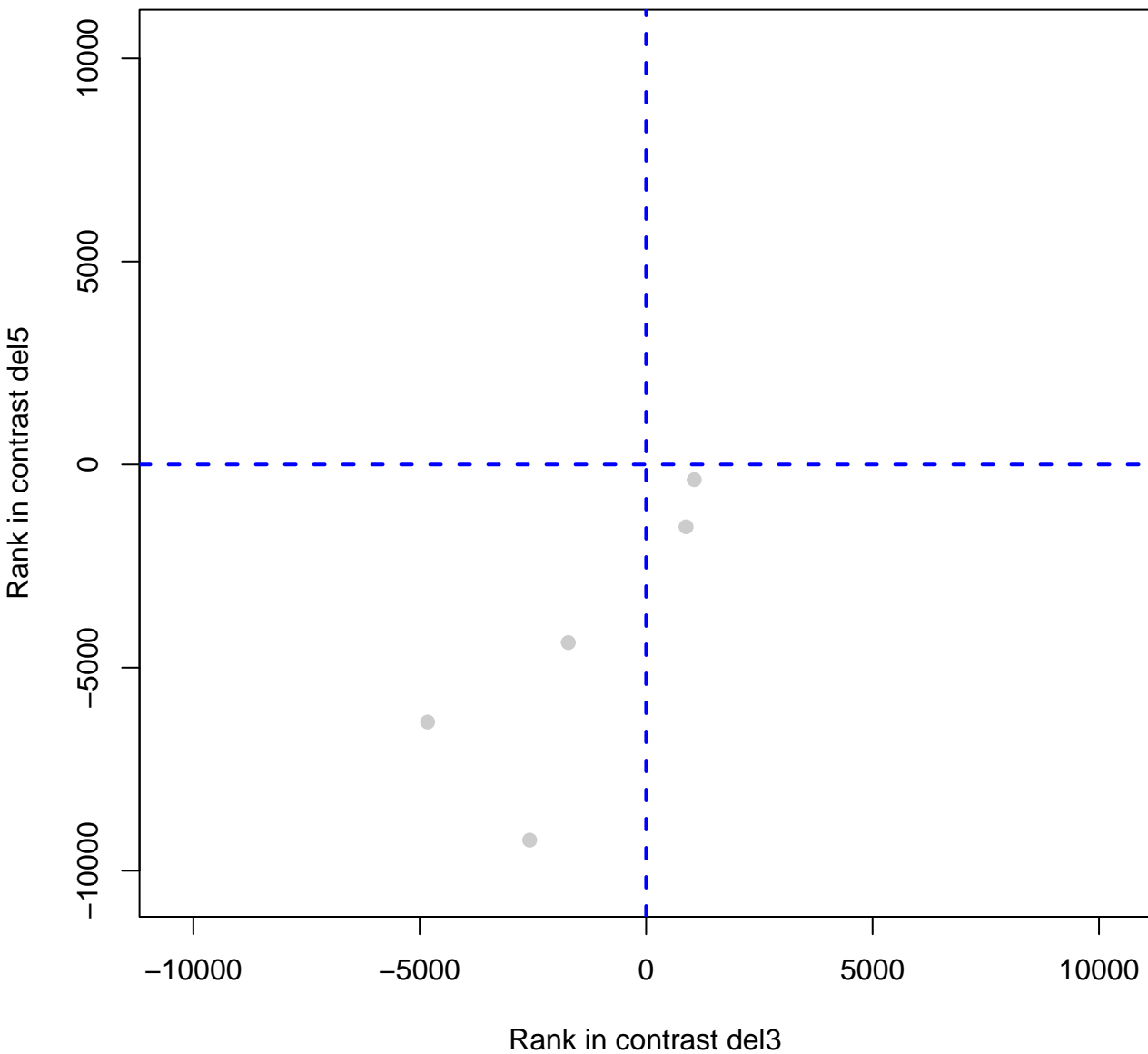
protein.synthesis.ribosome.biogenesis.Pre.rRNA



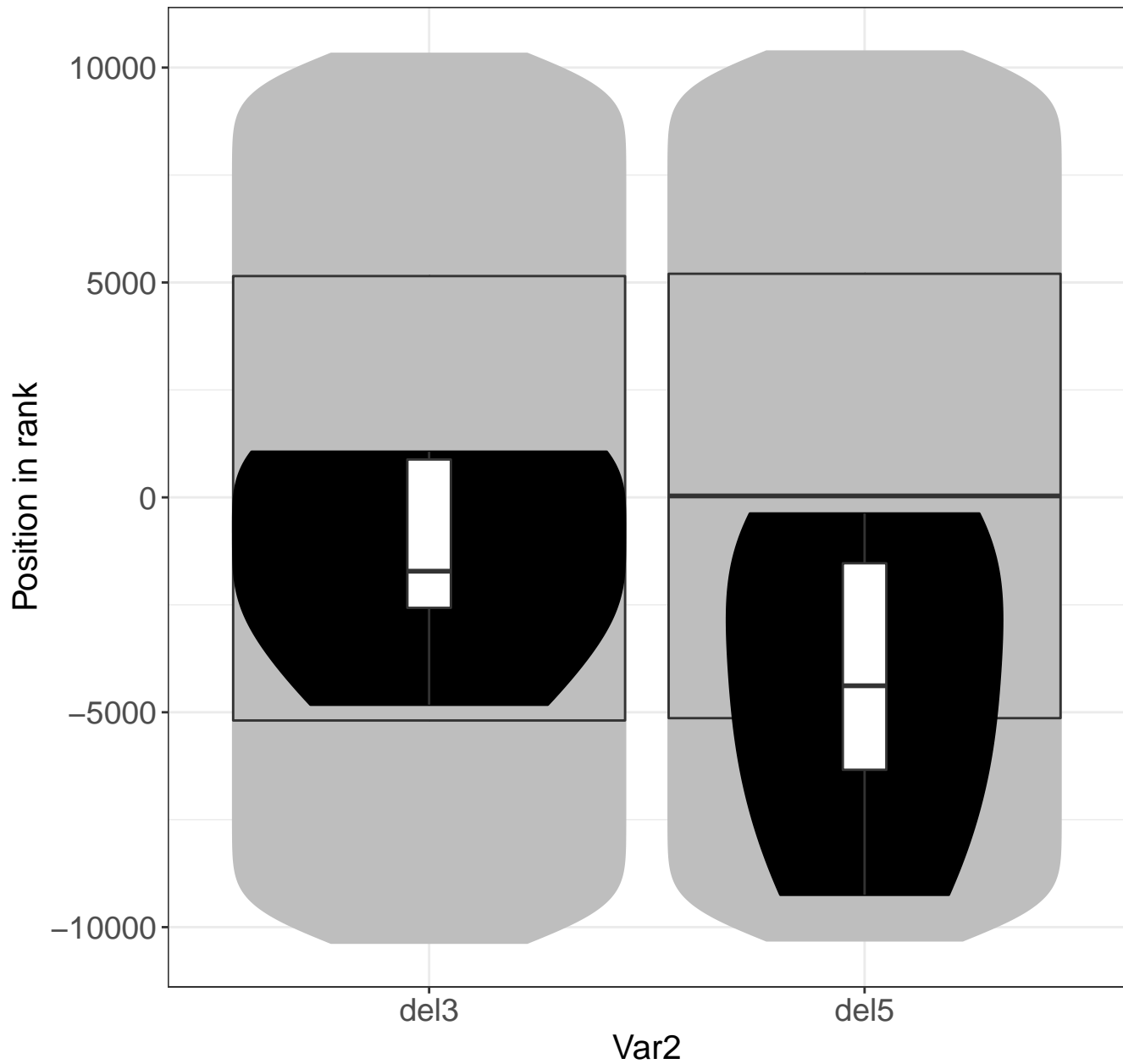
cell.wall.precursor.synthesis.UGE



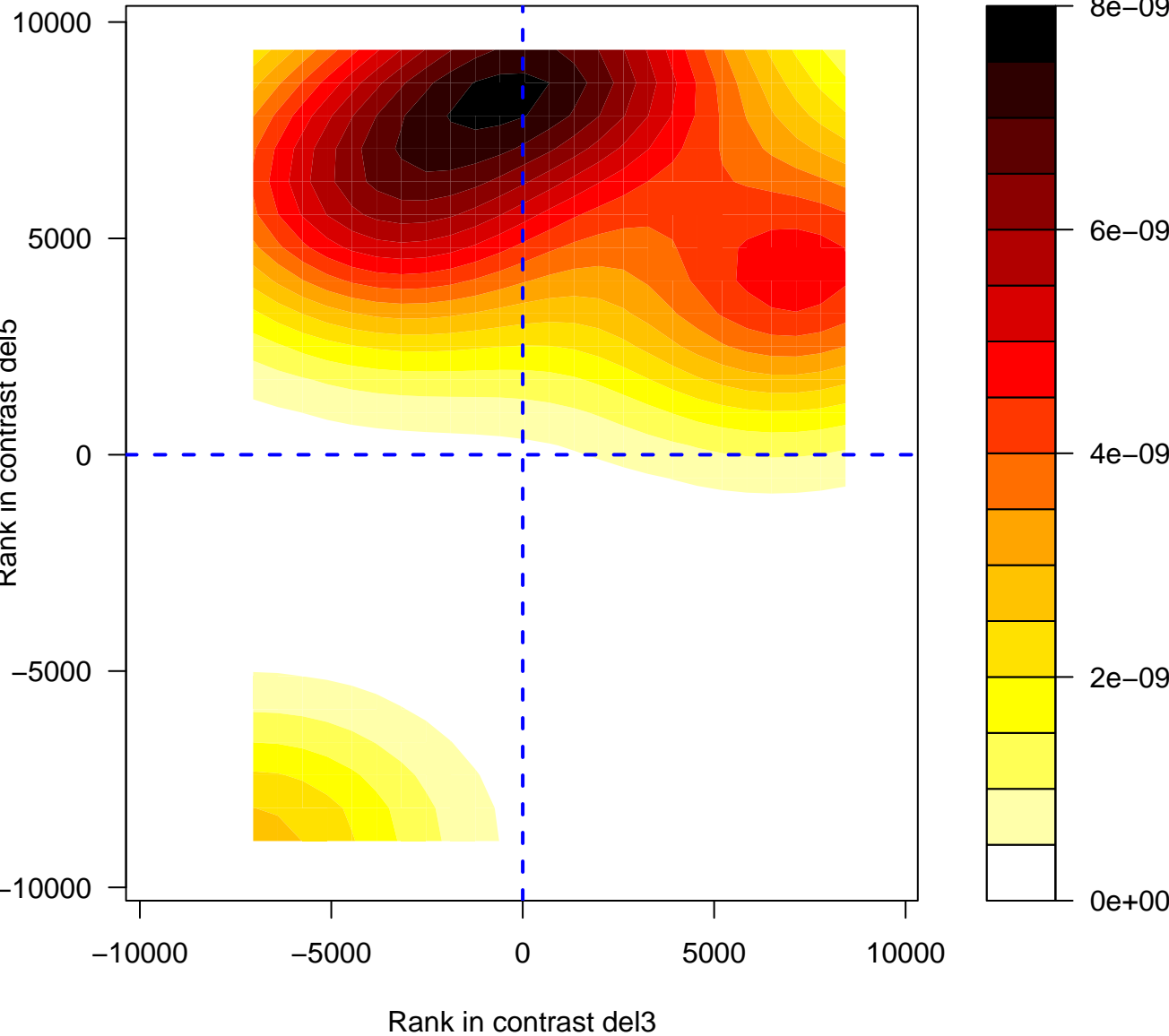
cell.wall.precursor.synthesis.UGE



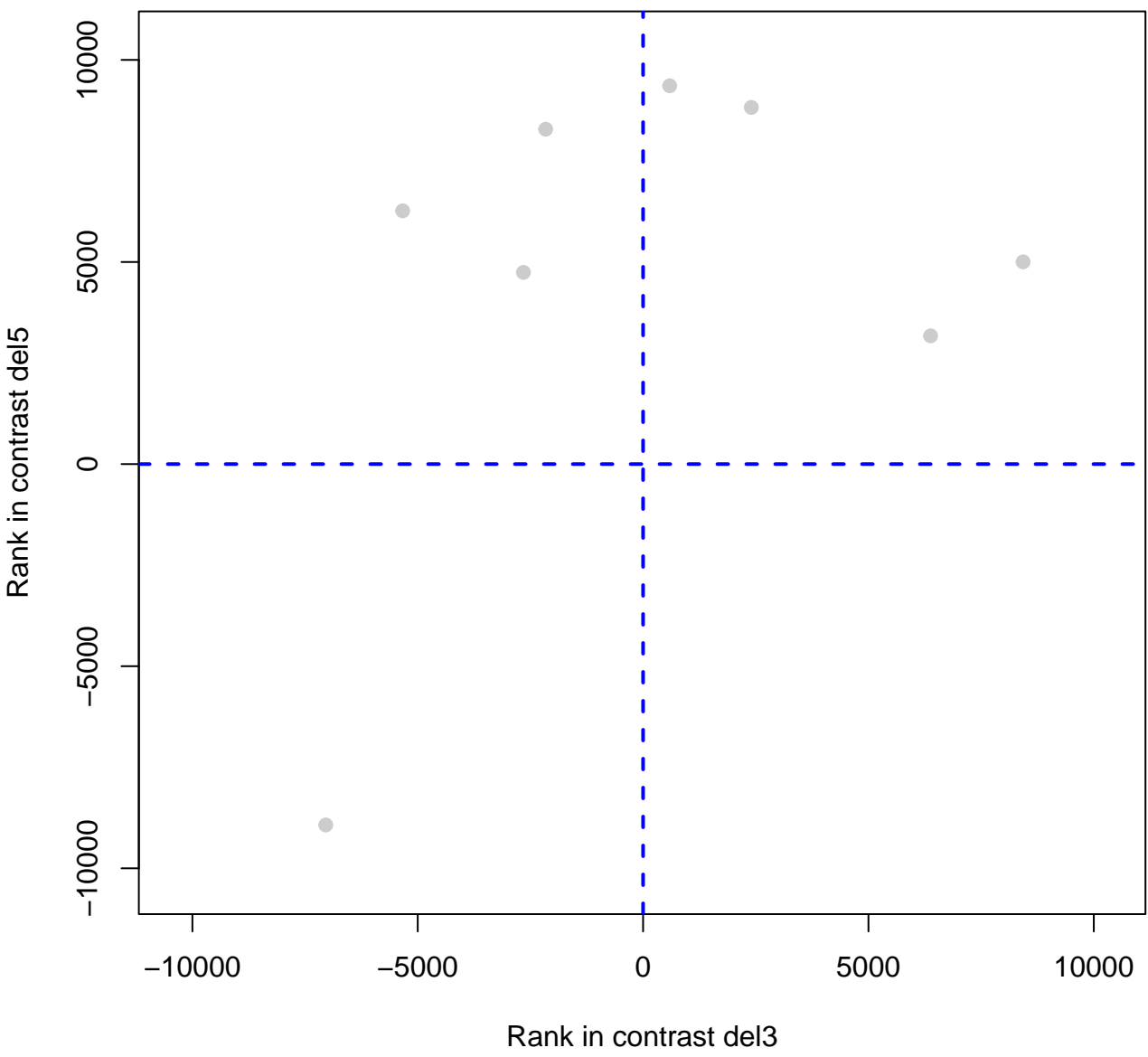
cell.wall.precursor.synthesis.UGE



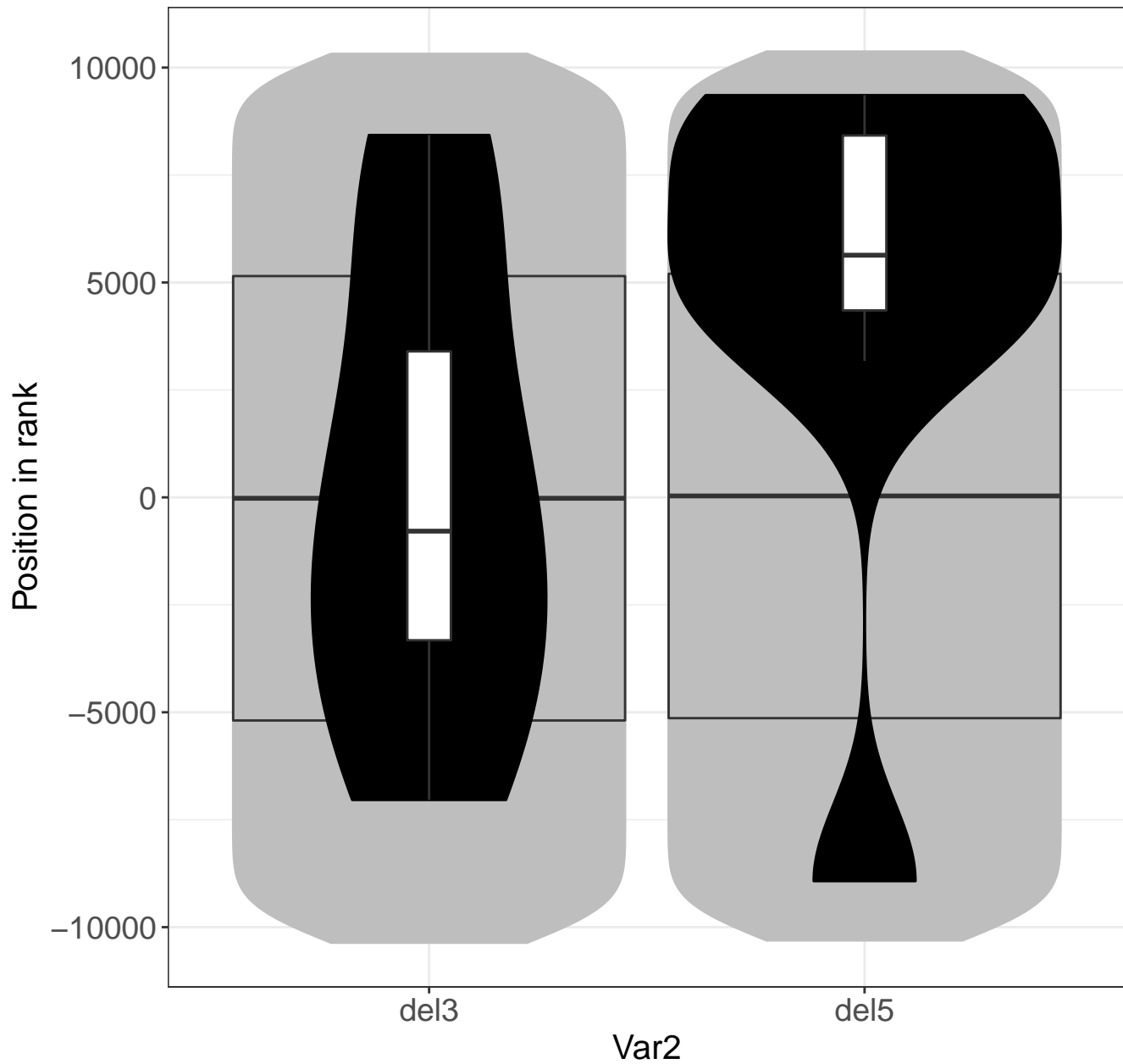
secondary.metabolism.phenylpropanoids.lignin.biosynthesi



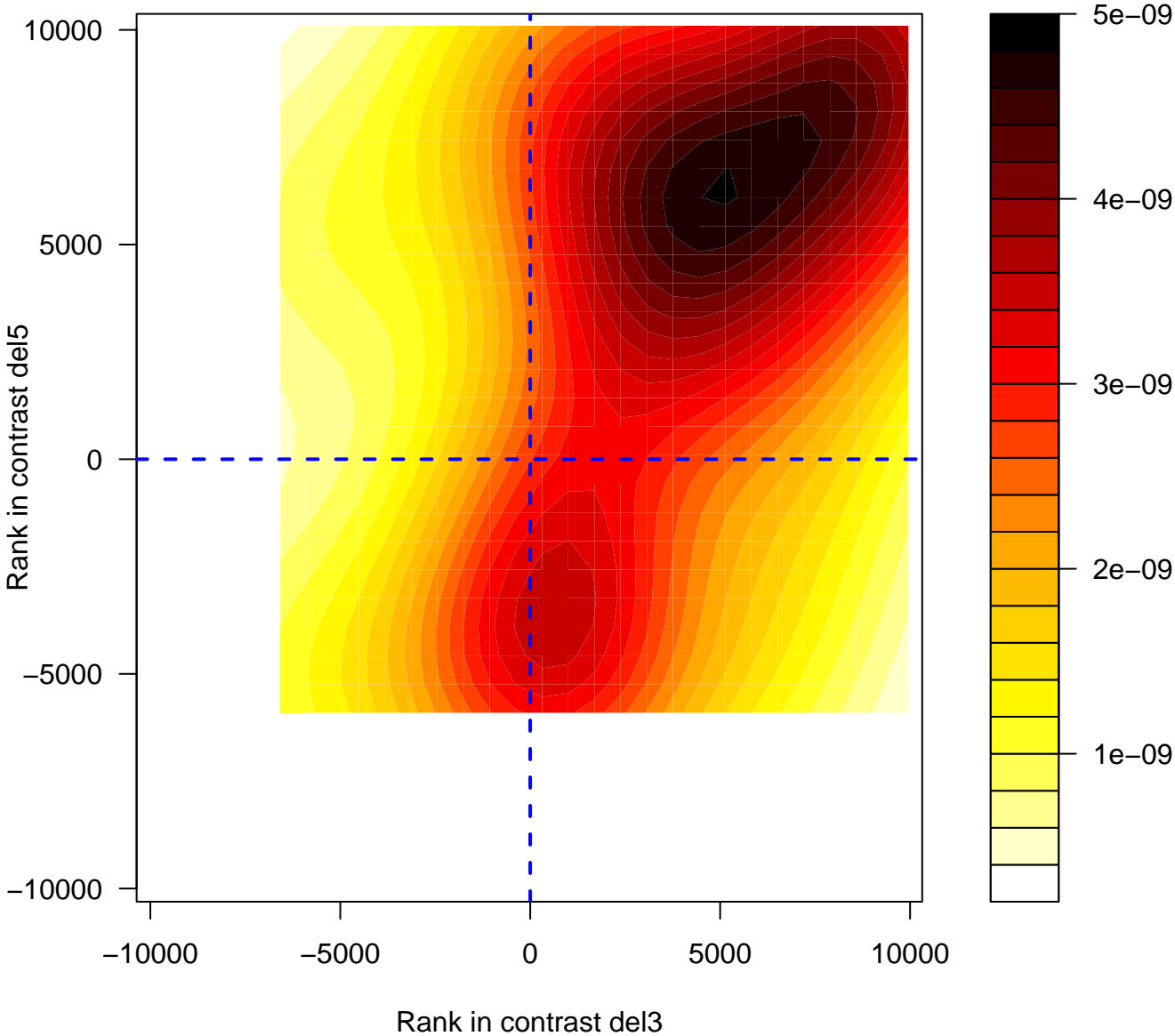
secondary.metabolism.phenylpropanoids.lignin.biosynthesis.4CL



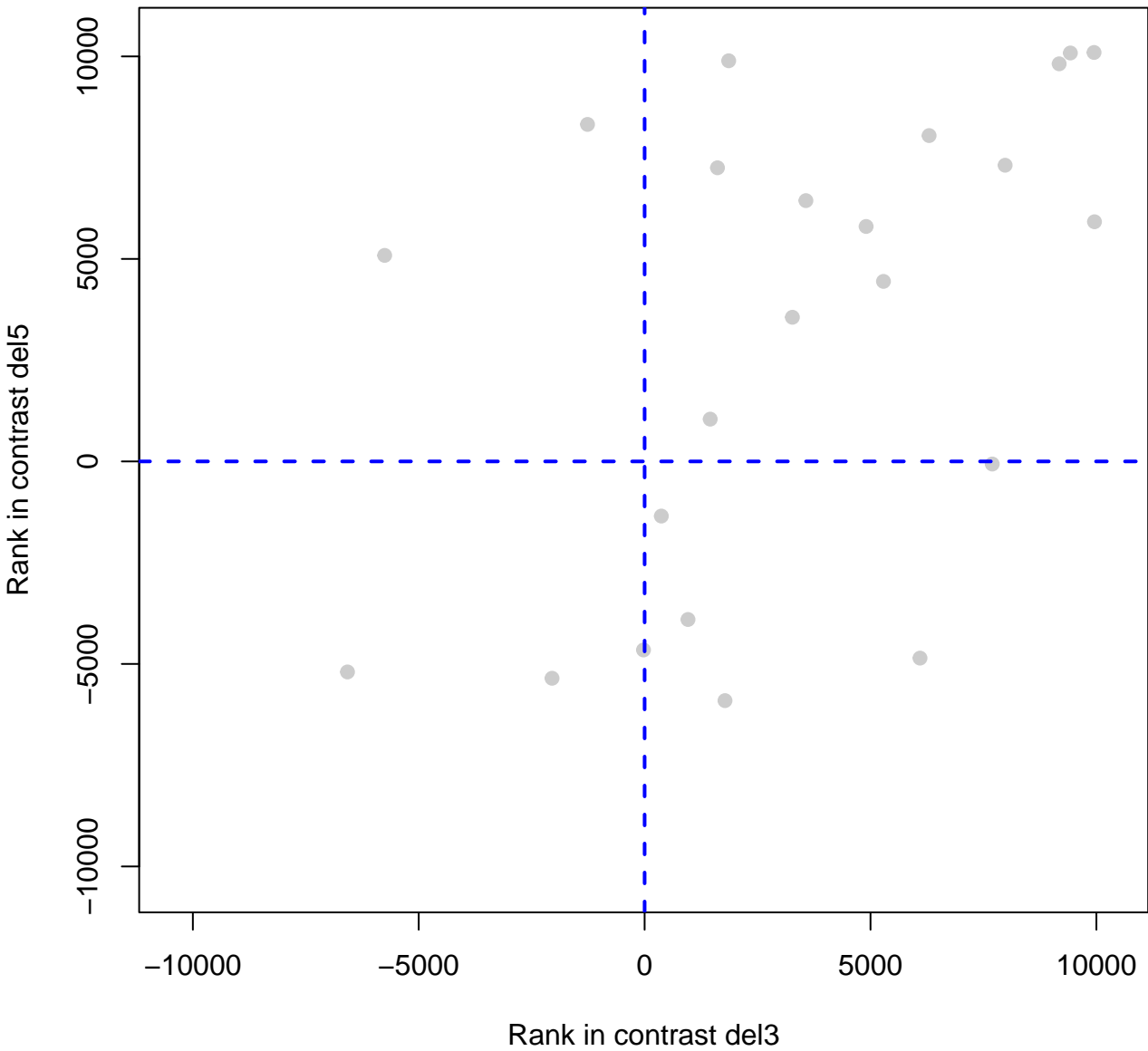
secondary.metabolism.phenylpropanoids.lignin.b



cell.wall.cellulose.synthesis.cellulose.synthase



cell.wall.cellulose.synthesis.cellulose.synthase



cell.wall.cellulose.synthesis.cellulose.synthase

