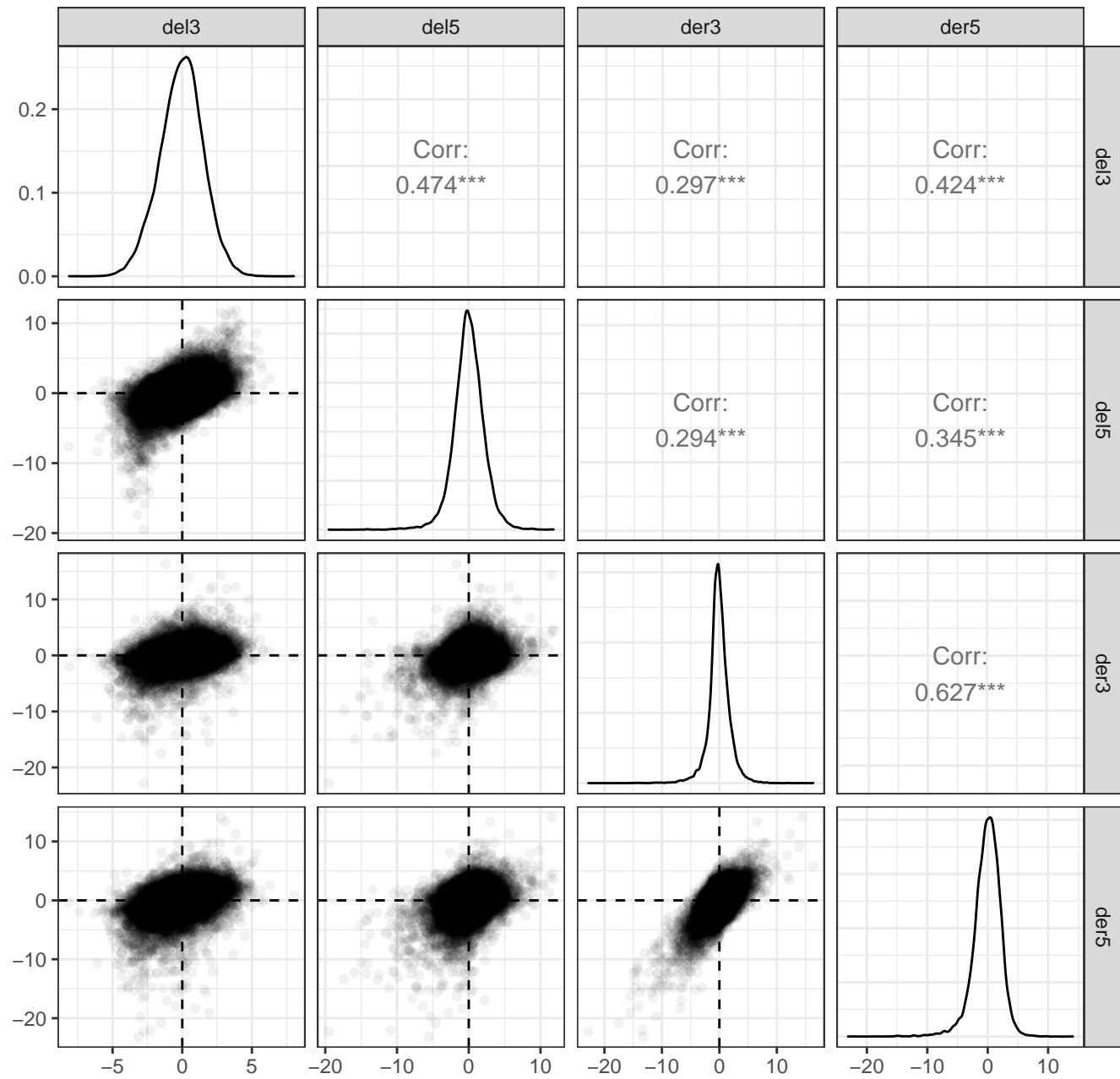
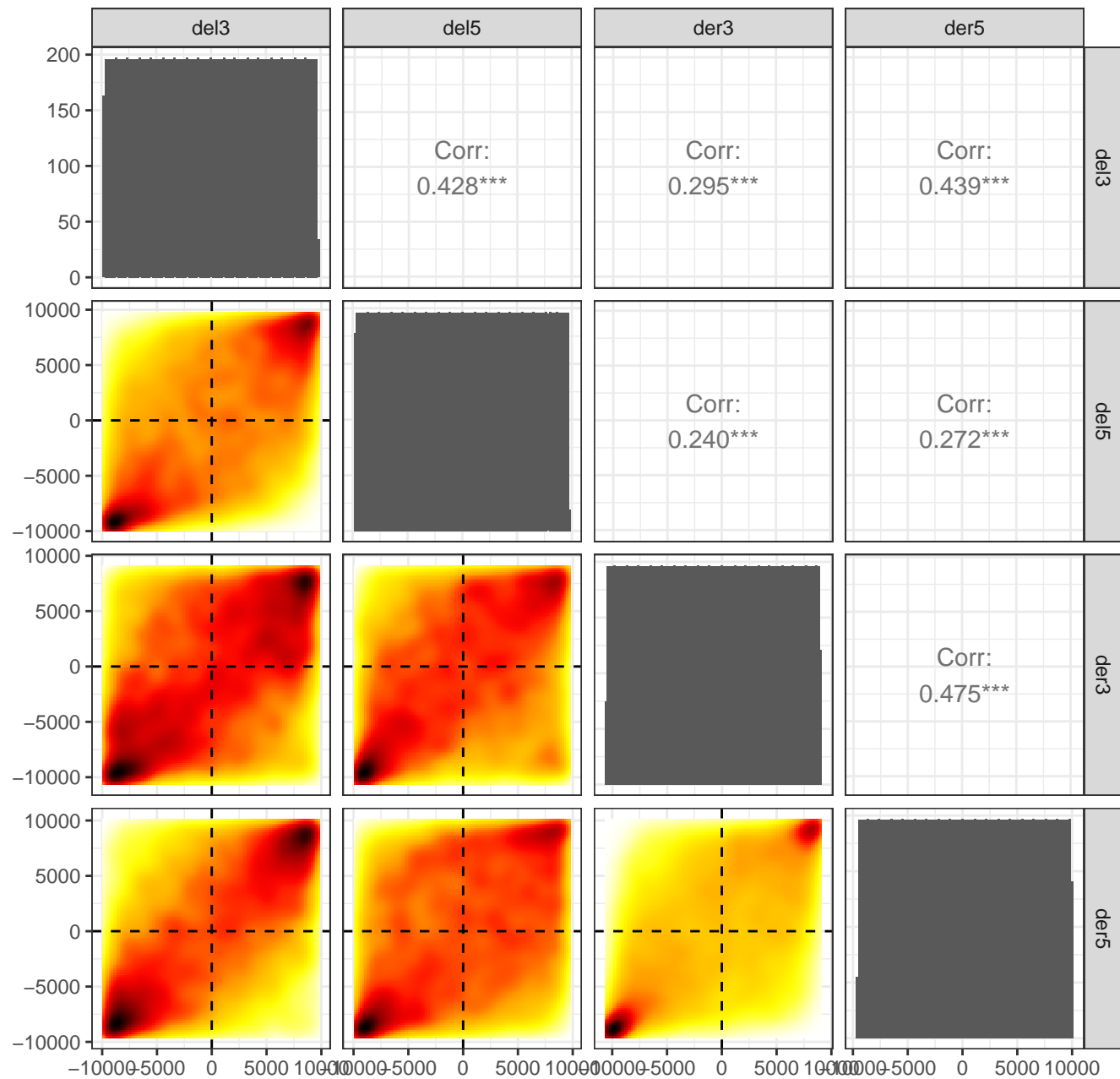


# Scatterplot of all genes

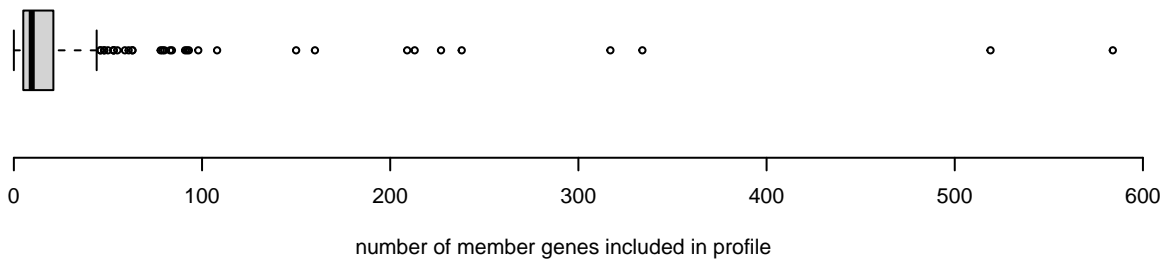


Contour plot of all genes after ranking

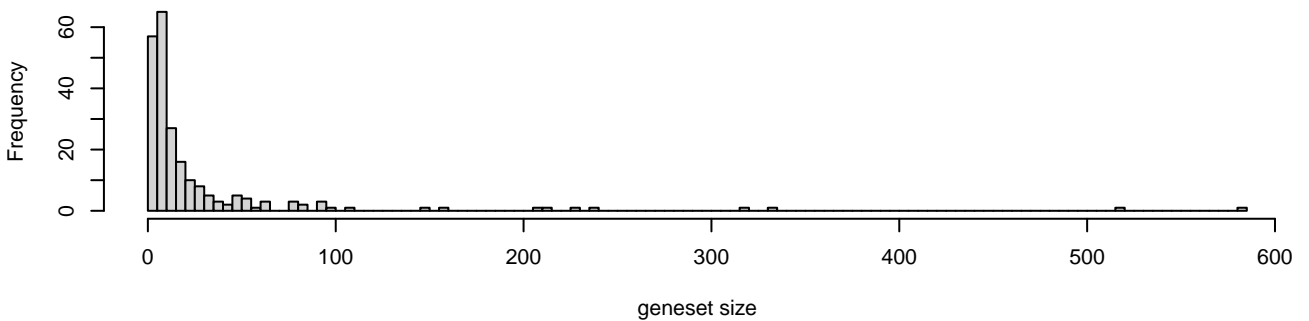


	<b>del3</b>	<b>del5</b>	<b>der3</b>	<b>der5</b>	<b>Number of genes in each sector</b>
<b>1</b>	-1	-1	-1	-1	3252
<b>2</b>	0	-1	-1	-1	1
<b>3</b>	1	-1	-1	-1	862
<b>4</b>	-1	1	-1	-1	1391
<b>5</b>	1	1	-1	-1	1047
<b>6</b>	-1	-1	0	-1	1
<b>7</b>	-1	-1	1	-1	1009
<b>8</b>	1	-1	1	-1	495
<b>9</b>	-1	1	1	-1	706
<b>10</b>	1	1	1	-1	805
<b>11</b>	1	1	-1	0	1
<b>12</b>	-1	-1	-1	1	1034
<b>13</b>	1	-1	-1	1	990
<b>14</b>	1	0	-1	1	1
<b>15</b>	-1	1	-1	1	661
<b>16</b>	1	1	-1	1	1330
<b>17</b>	-1	-1	1	1	963
<b>18</b>	1	-1	1	1	1281
<b>19</b>	-1	1	1	1	856
<b>20</b>	1	1	1	1	2932

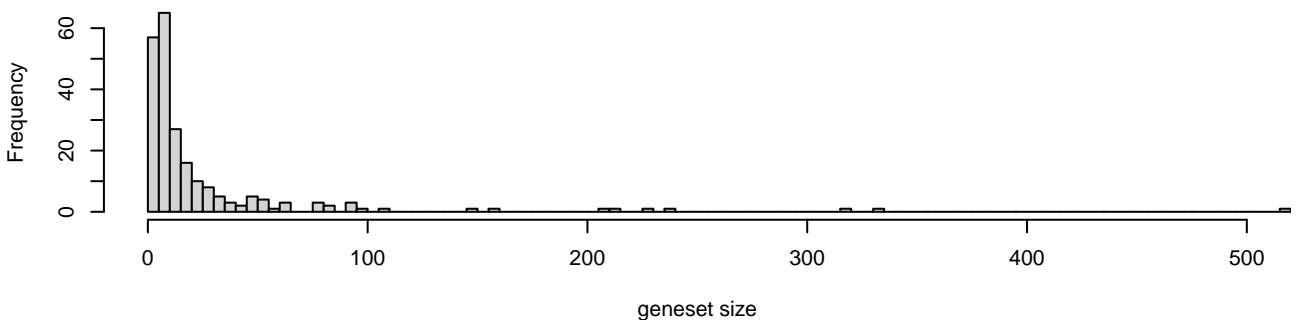
### Gene set size



### Histogram of geneset size



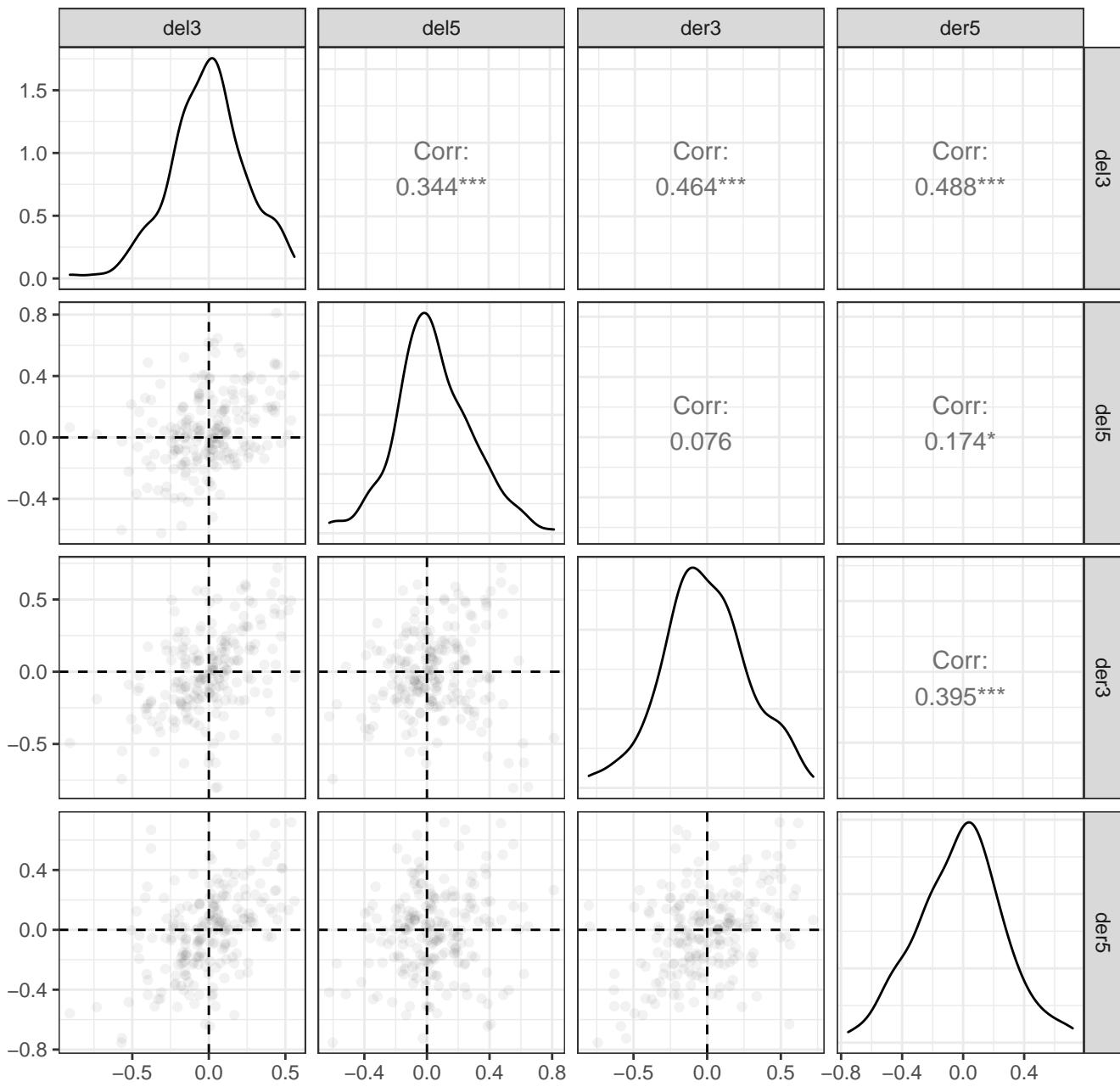
### Trimmed histogram of geneset size



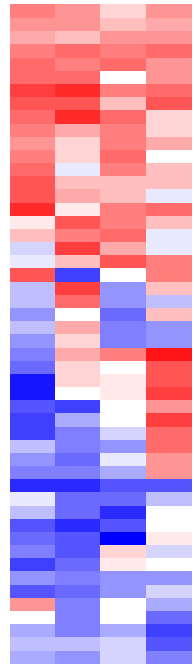
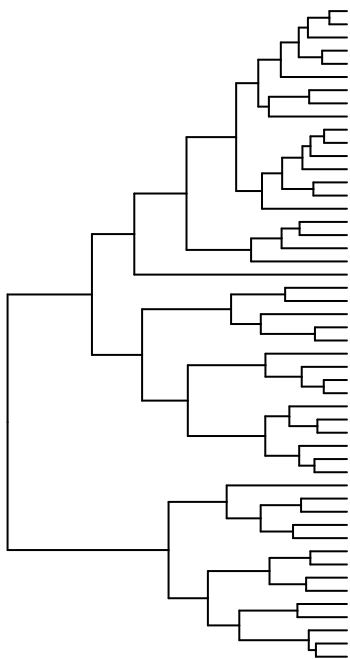
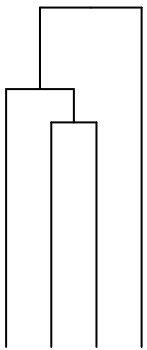
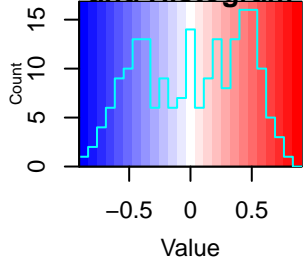


	<b>s.del3</b>	<b>s.del5</b>	<b>s.der3</b>	<b>s.der5</b>	<b>Number of gene sets in each sector</b>
<b>1</b>	-1	-1	-1	-1	5
<b>2</b>	1	-1	-1	-1	1
<b>3</b>	-1	1	-1	-1	7
<b>4</b>	1	1	-1	-1	2
<b>5</b>	-1	-1	1	-1	1
<b>6</b>	1	-1	1	-1	2
<b>7</b>	-1	1	1	-1	5
<b>8</b>	1	1	1	-1	3
<b>9</b>	-1	-1	-1	1	5
<b>10</b>	1	-1	-1	1	5
<b>11</b>	-1	1	-1	1	3
<b>12</b>	1	1	-1	1	6
<b>13</b>	-1	-1	1	1	3
<b>14</b>	1	-1	1	1	7
<b>15</b>	1	1	1	1	11

# Scatterplot of all genesets; FDR<0.05 in red



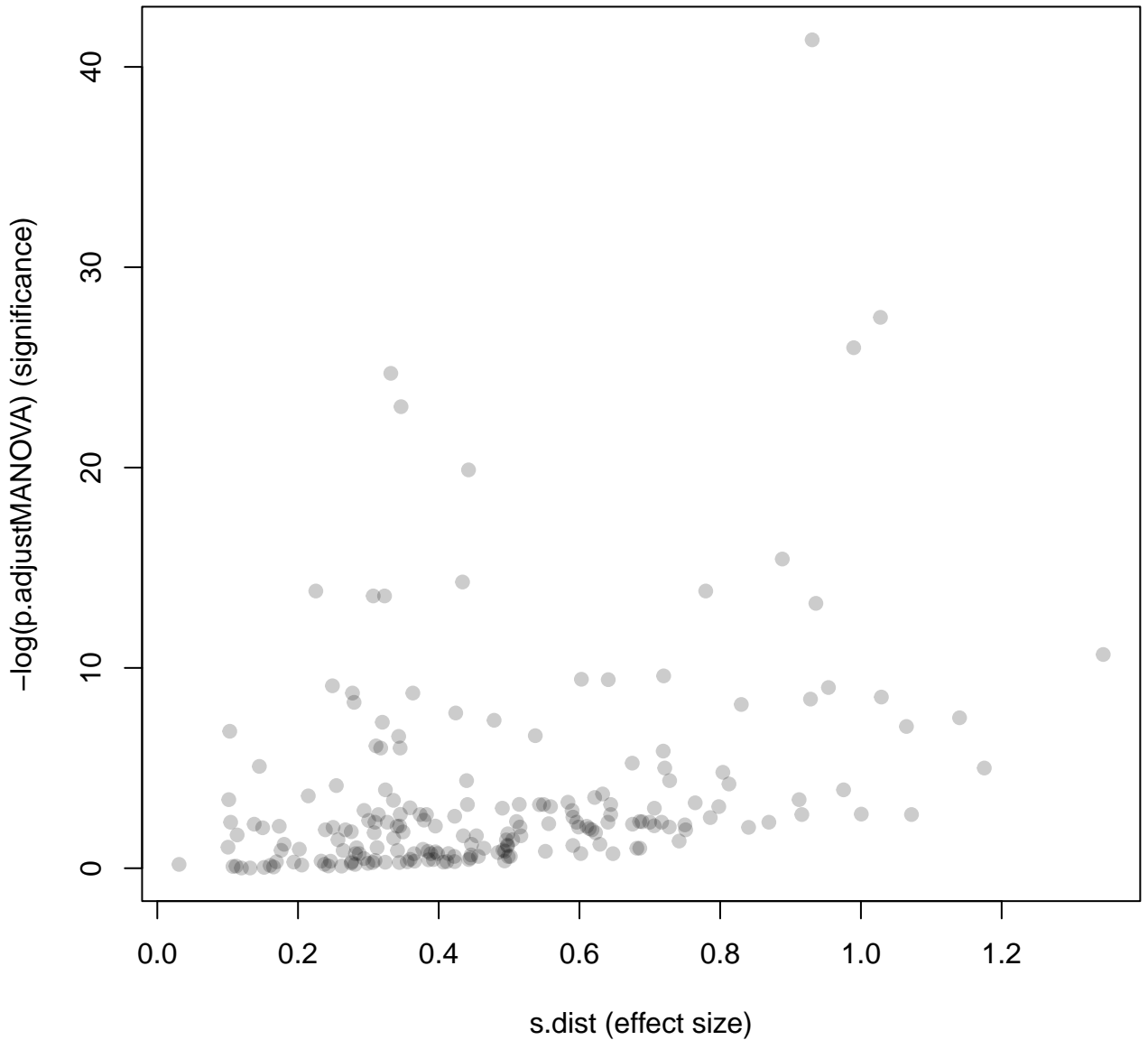
# Color Key and Histogram



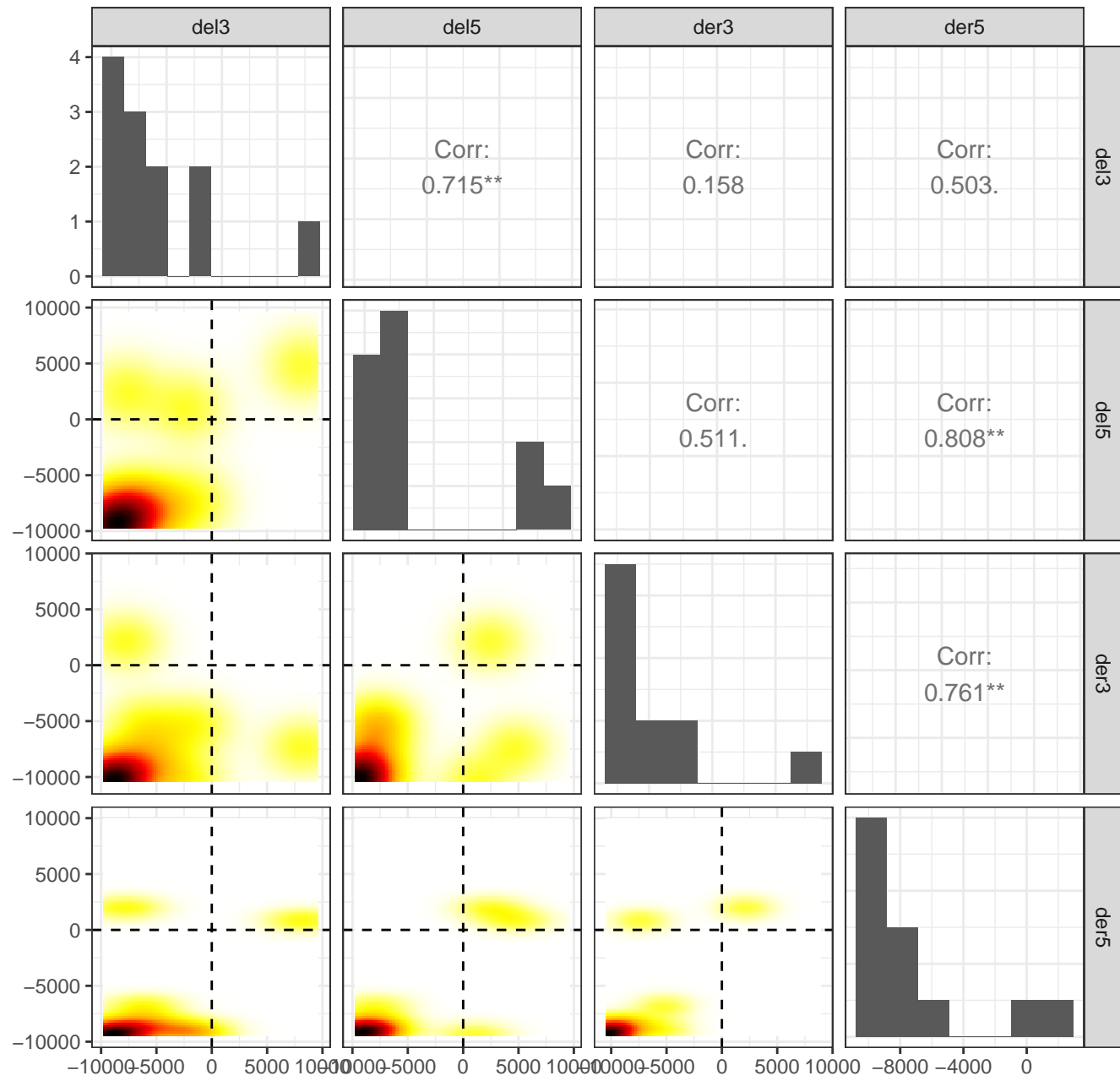
- cell.wall.cell.wall.proteins.LRR
- cell.wall.pectin.esterases.acetyl.esterase
- secondary.metabolism.phenylpropanoids.lignin.biosynthesis.4CL
- transport.ammonium
- cell.wall.pectin.esterases.misc
- transport.NDP.sugars.at.the.ER
- cell.wall.hemicellulose.synthesis.glucuronoxylan
- cell.wall.precursor.synthesis.GAE
- protein.postranslational.modification.kinase
- major.CHO.metabolism.synthesis.starch.AGPase
- protein.synthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.W
- protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit.L7A
- protein.synthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.m
- PS.lightreaction.photosystem.I.LHC.I
- PS.lightreaction.photosystem.I.PSI.polypeptide.subunits
- PS.lightreaction.photosystem.II.PSII.polypeptide.subunits
- redox.peroxiredoxin
- protein.assembly.and.cofactor.ligation
- transport.Major.Intrinsic.Proteins.TIP
- secondary.metabolism.phenylpropanoids.lignin.biosynthesis.CCR1
- hormone.metabolism.jasmonate.synthesis.degradation.12.Oxo.PDA.reductase
- development.late.embryogenesis.abundant
- hormone.metabolism.ethylene.signal.transduction
- secondary.metabolism.flavonoids.isoflavones.isoflavone.reductase
- cell.wall.precursor.synthesis.UGE

der3  
der5  
del3  
del5

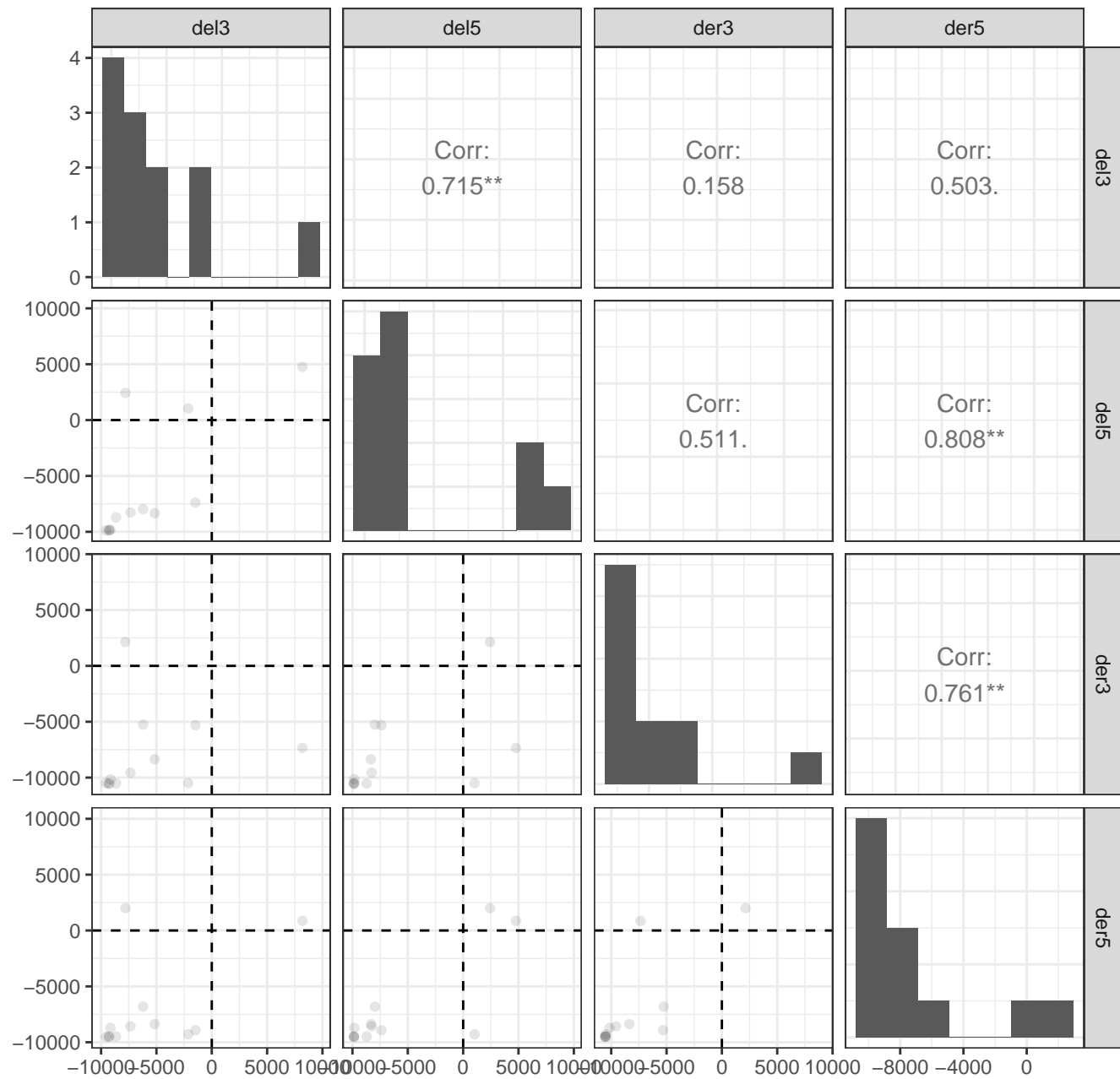
# effect size versus statistical significance



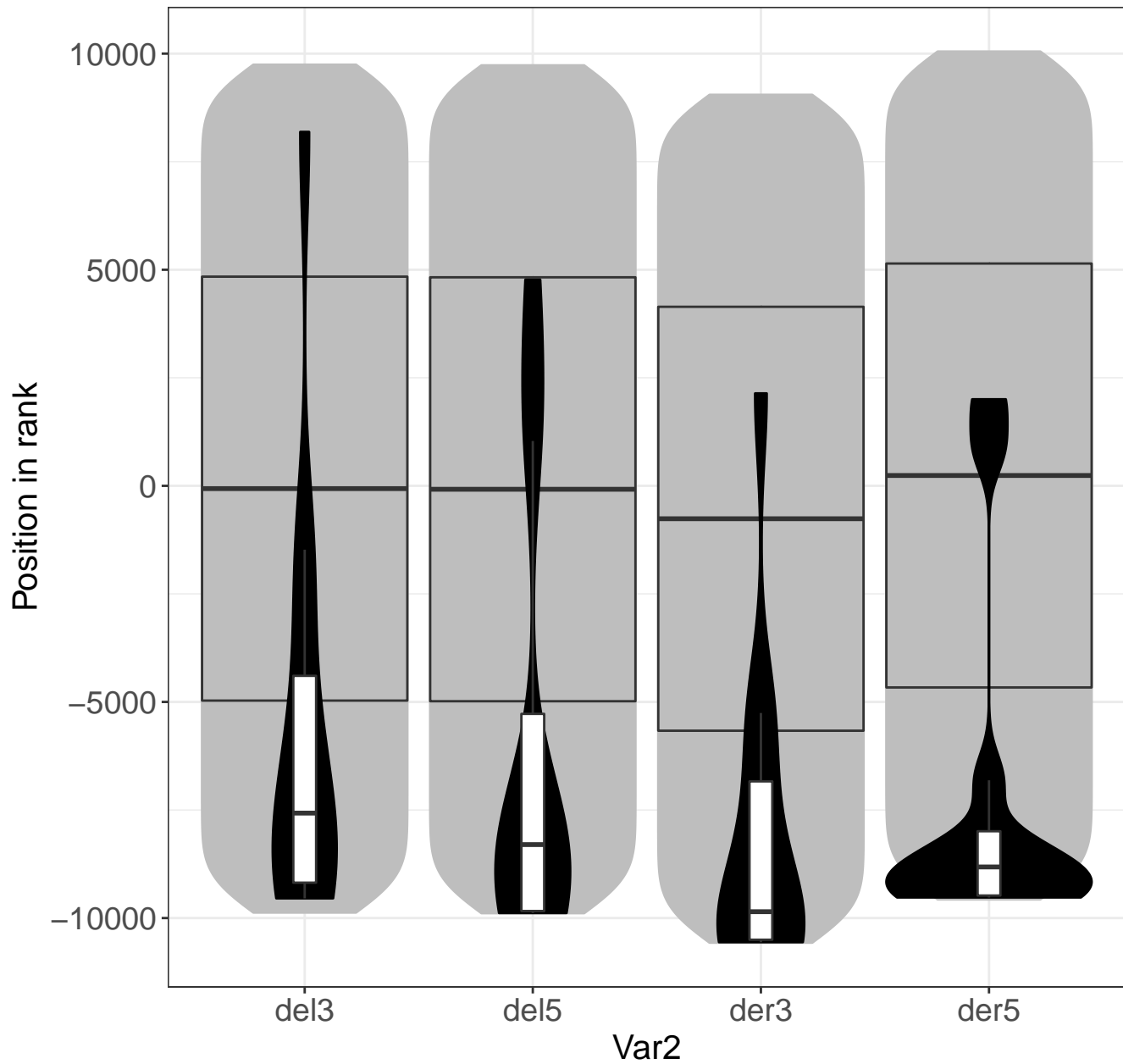
# transport.sulphate



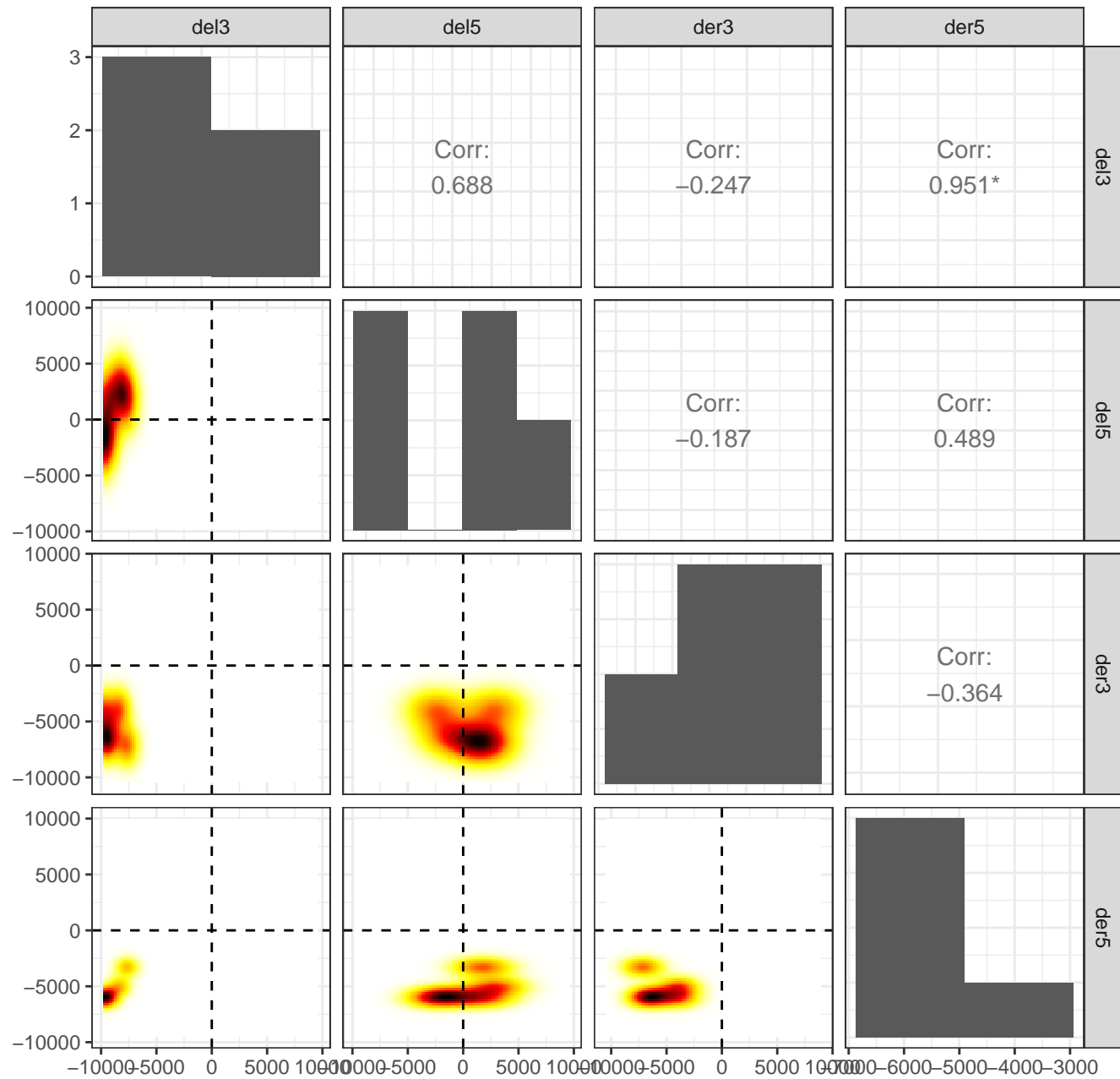
# transport.sulphate



# transport.sulphate

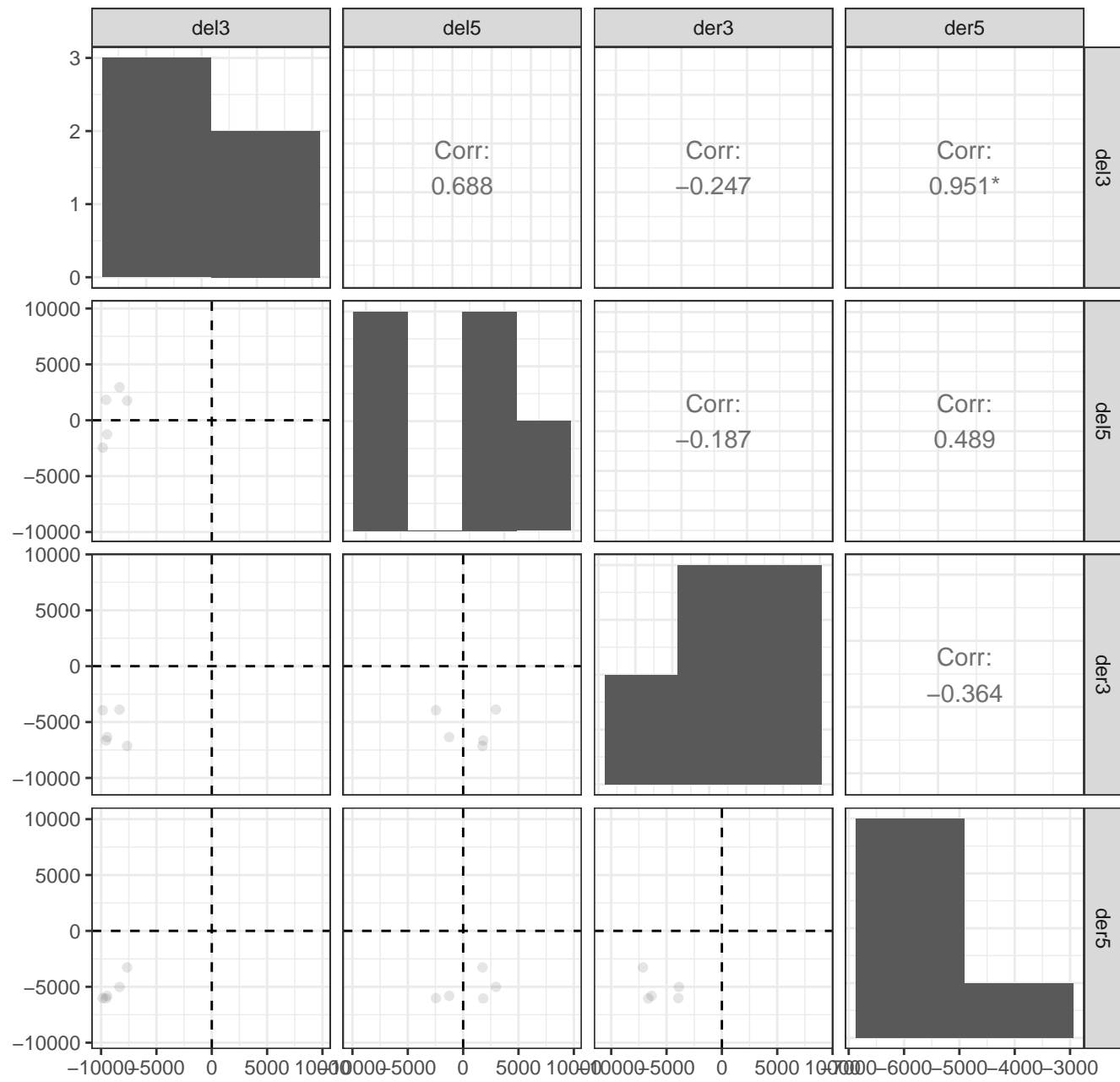


protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit.L41

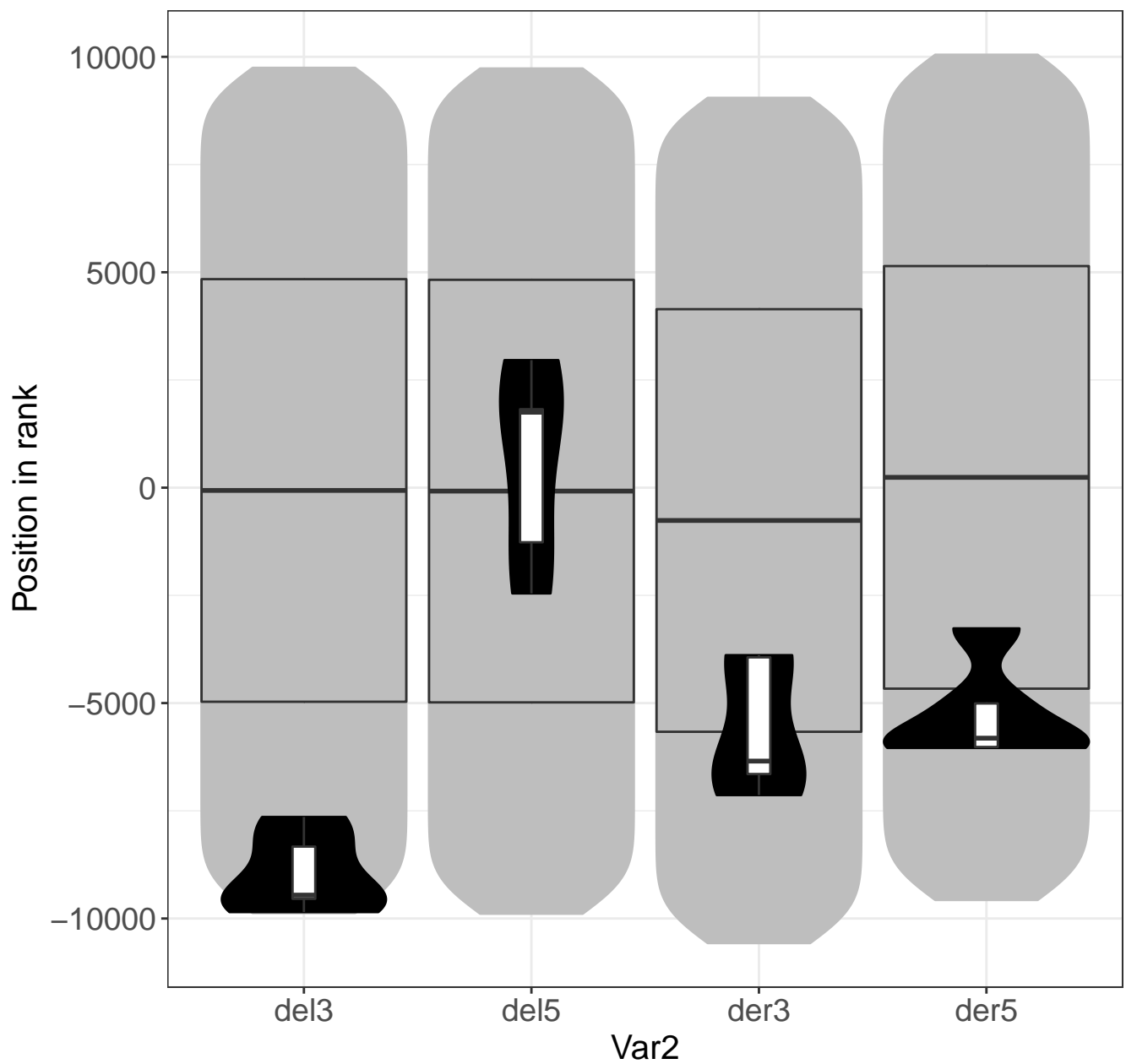




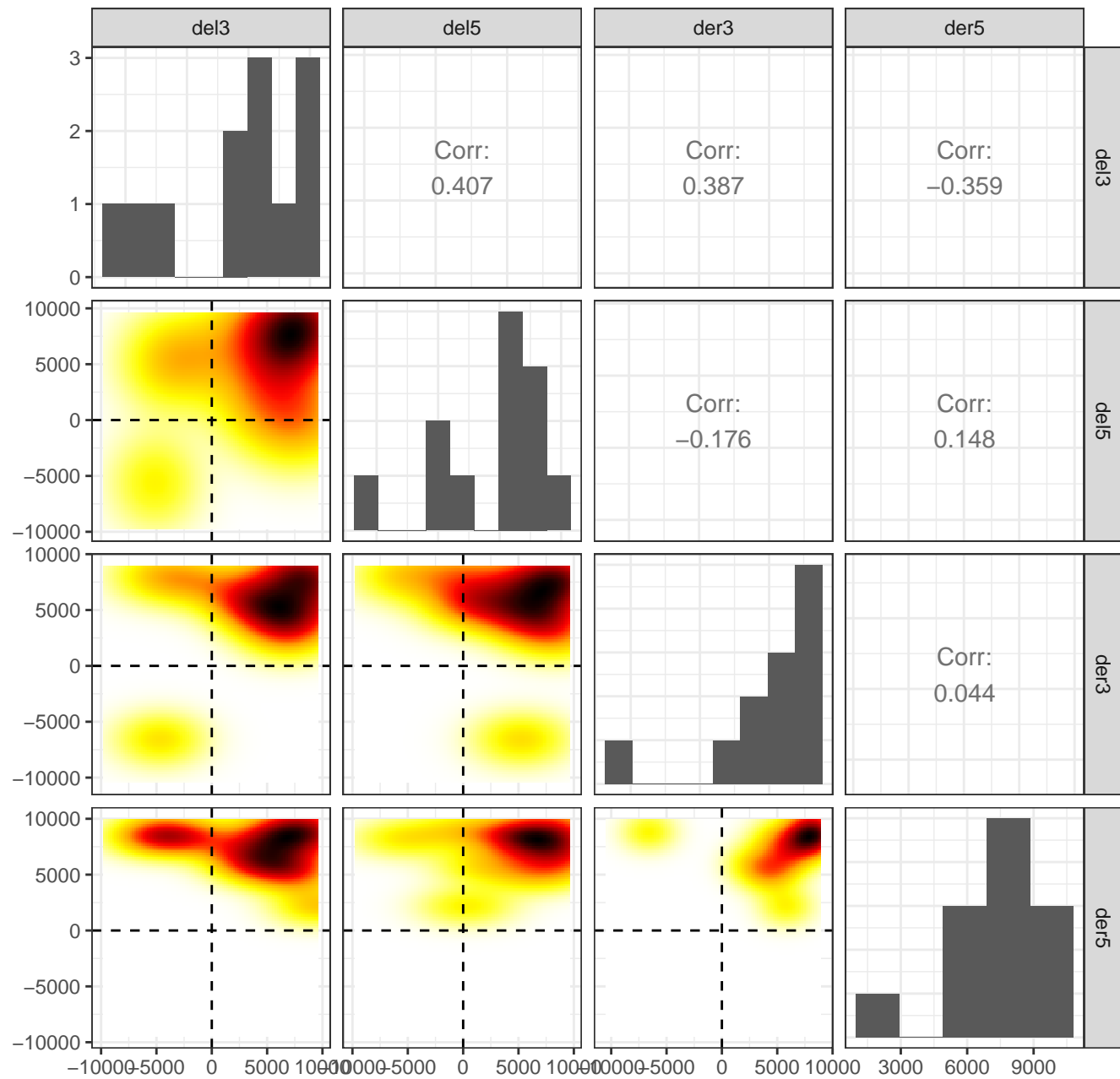
protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit.L41



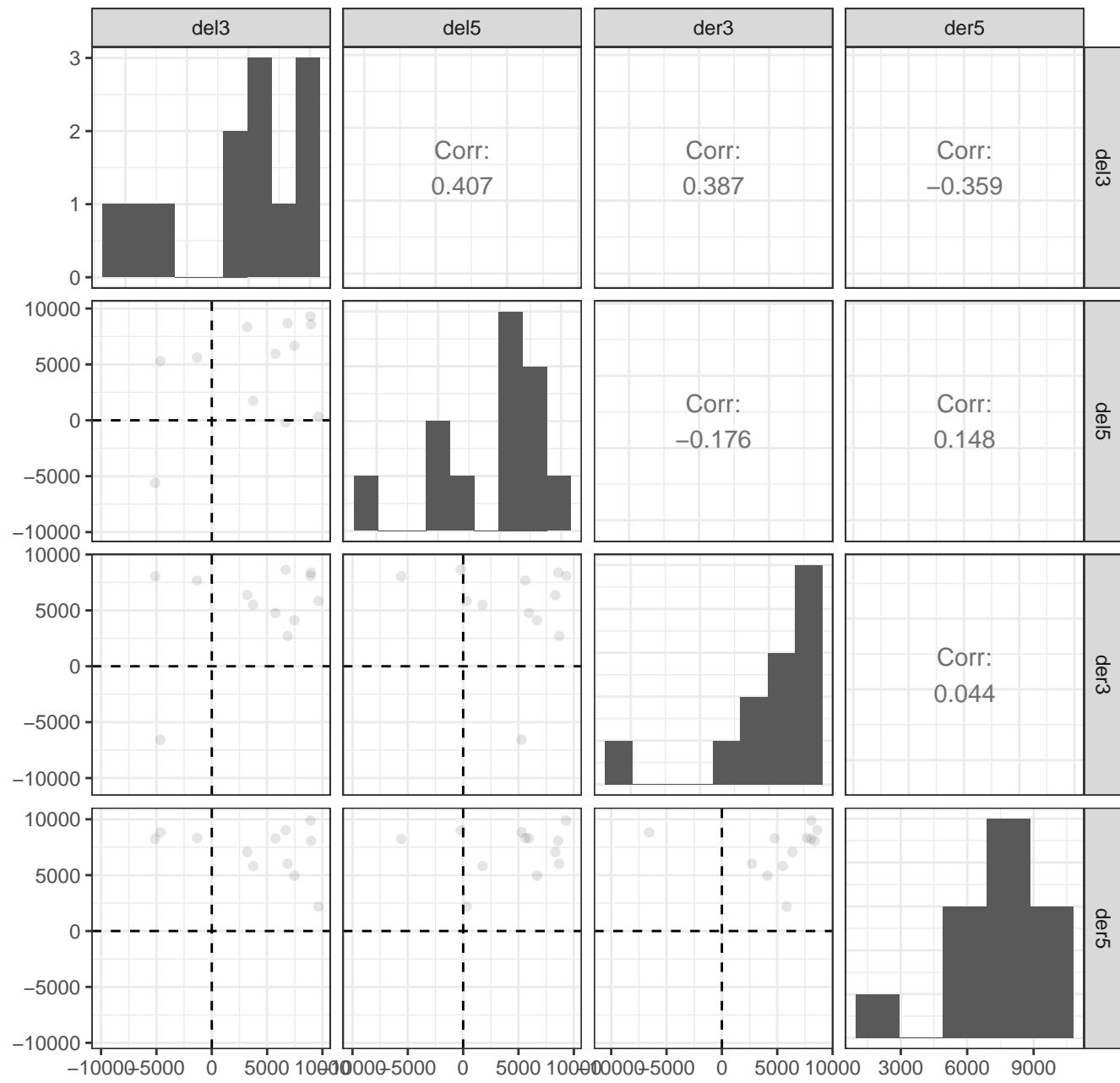
# protein.synthesis.ribosomal.protein.eukaryotic.60



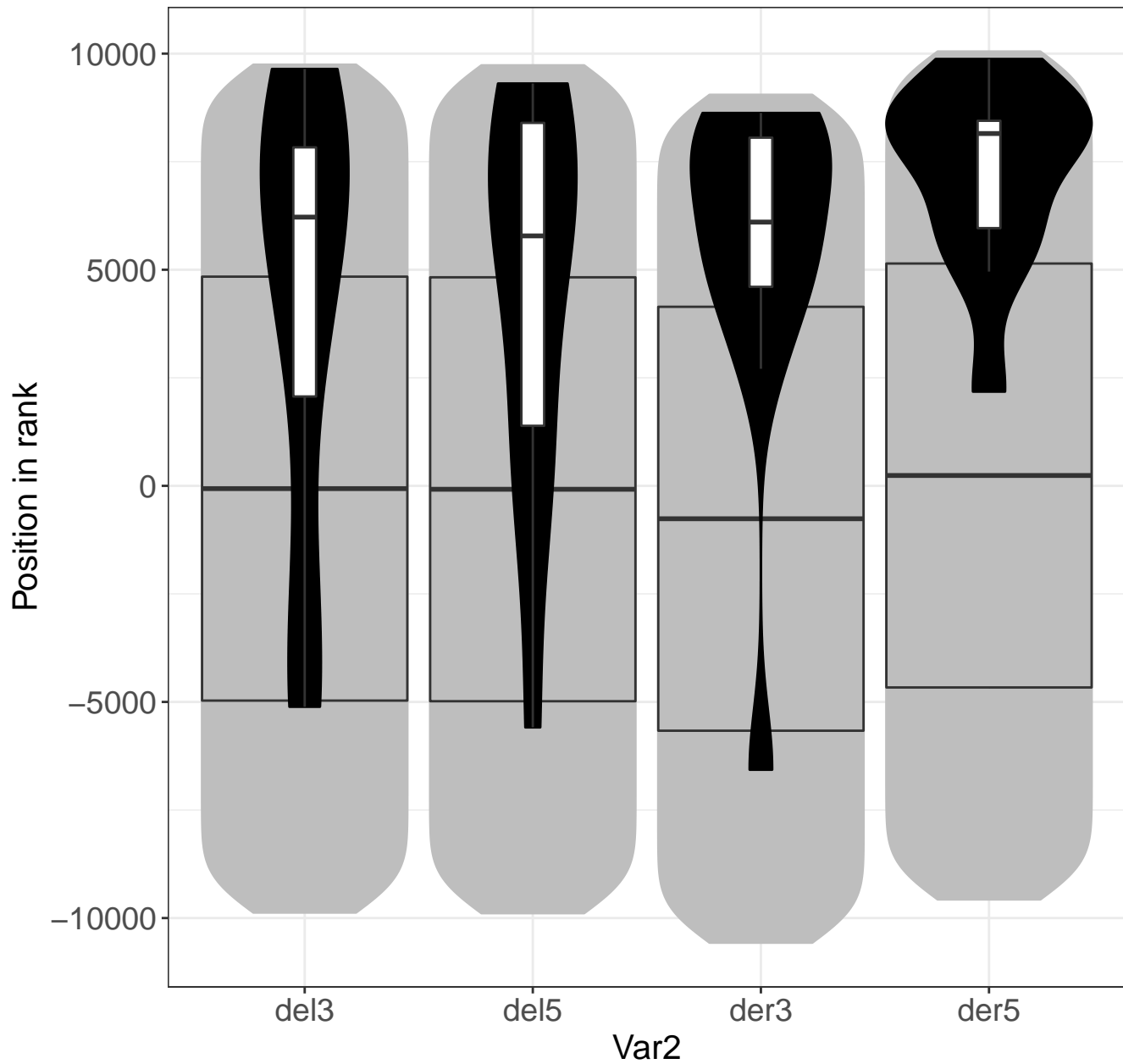
# cell.wall.cellulose.synthesis



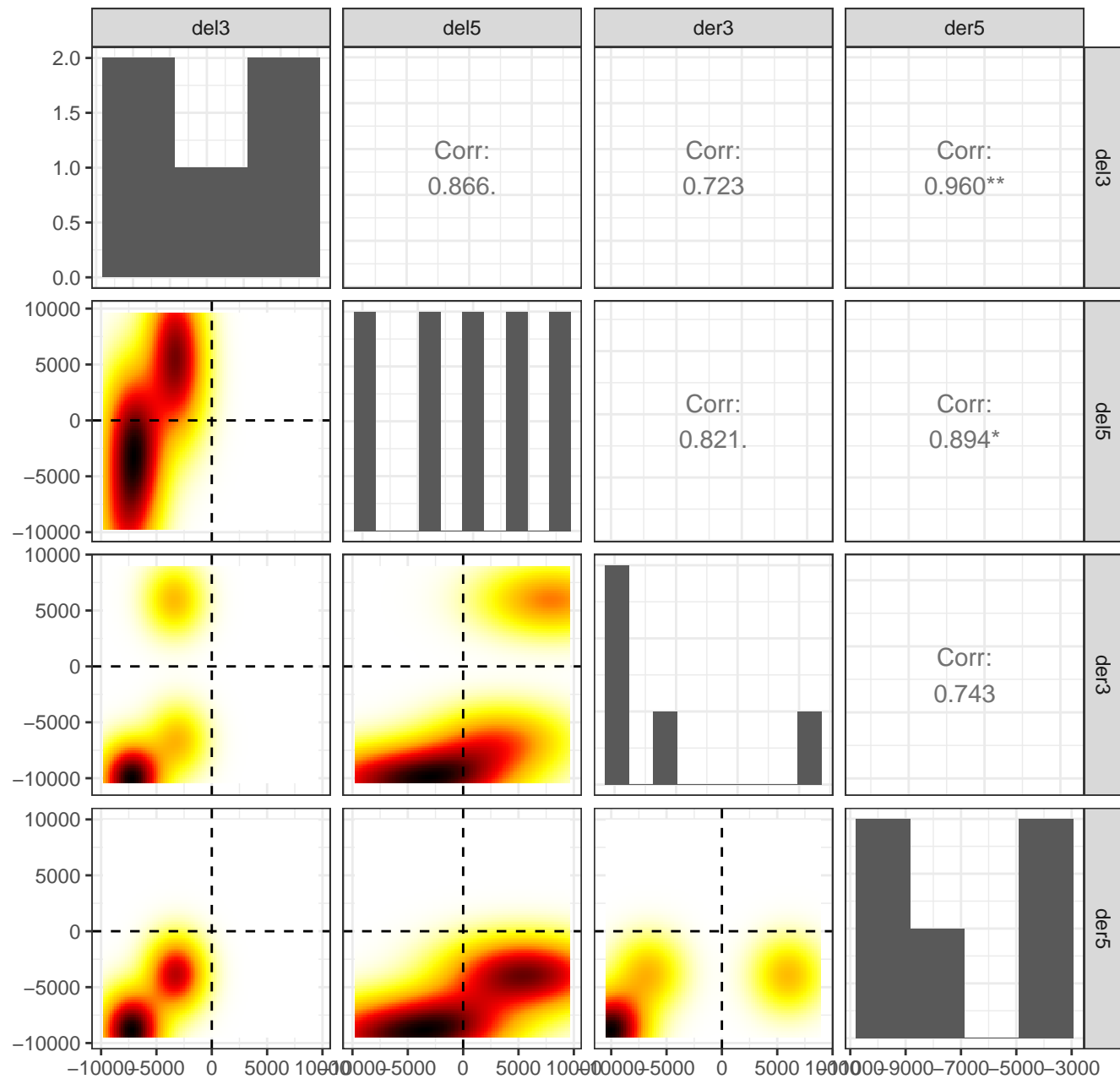
# cell.wall.cellulose.synthesis



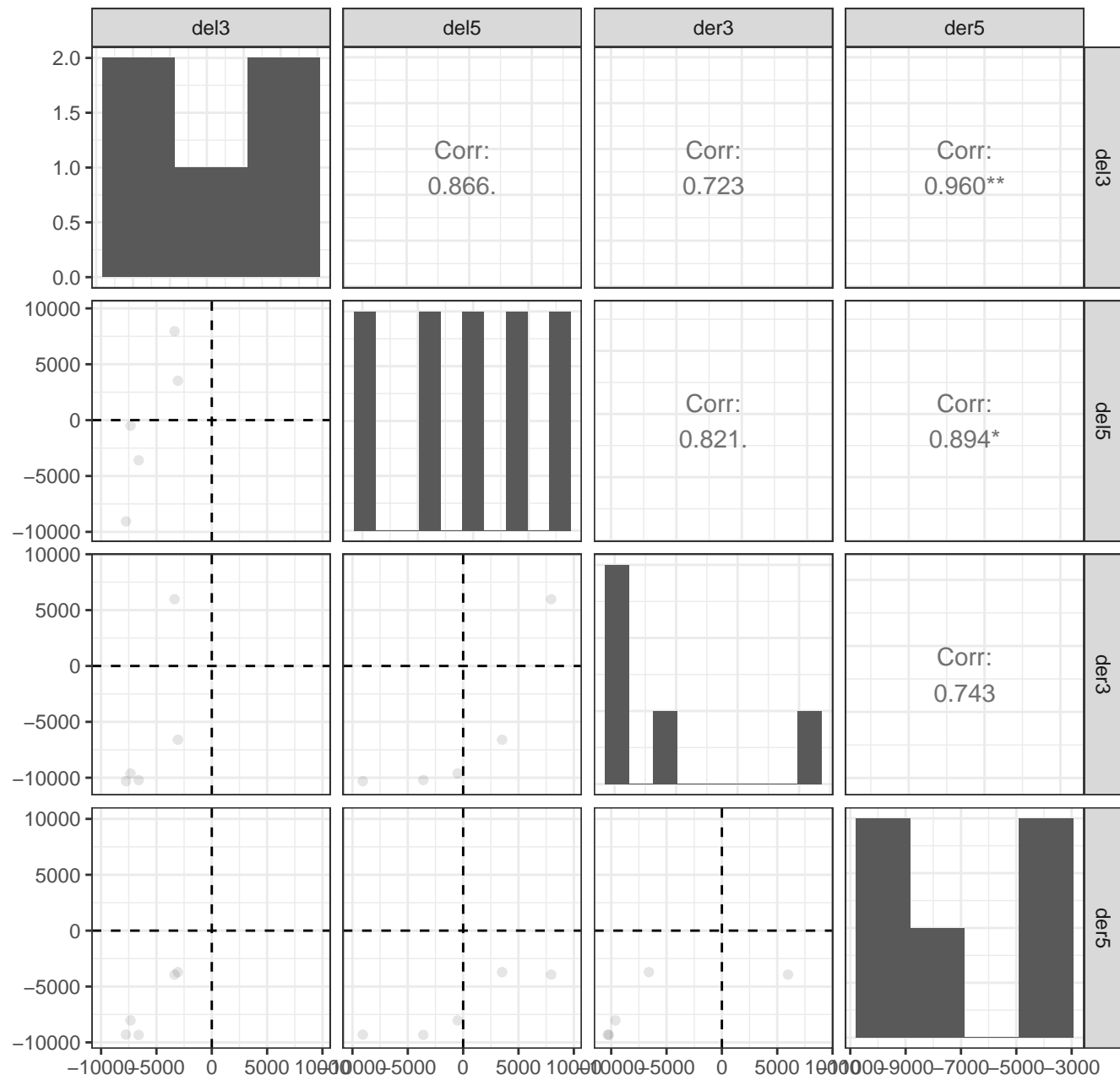
# cell.wall.cellulose.synthesis



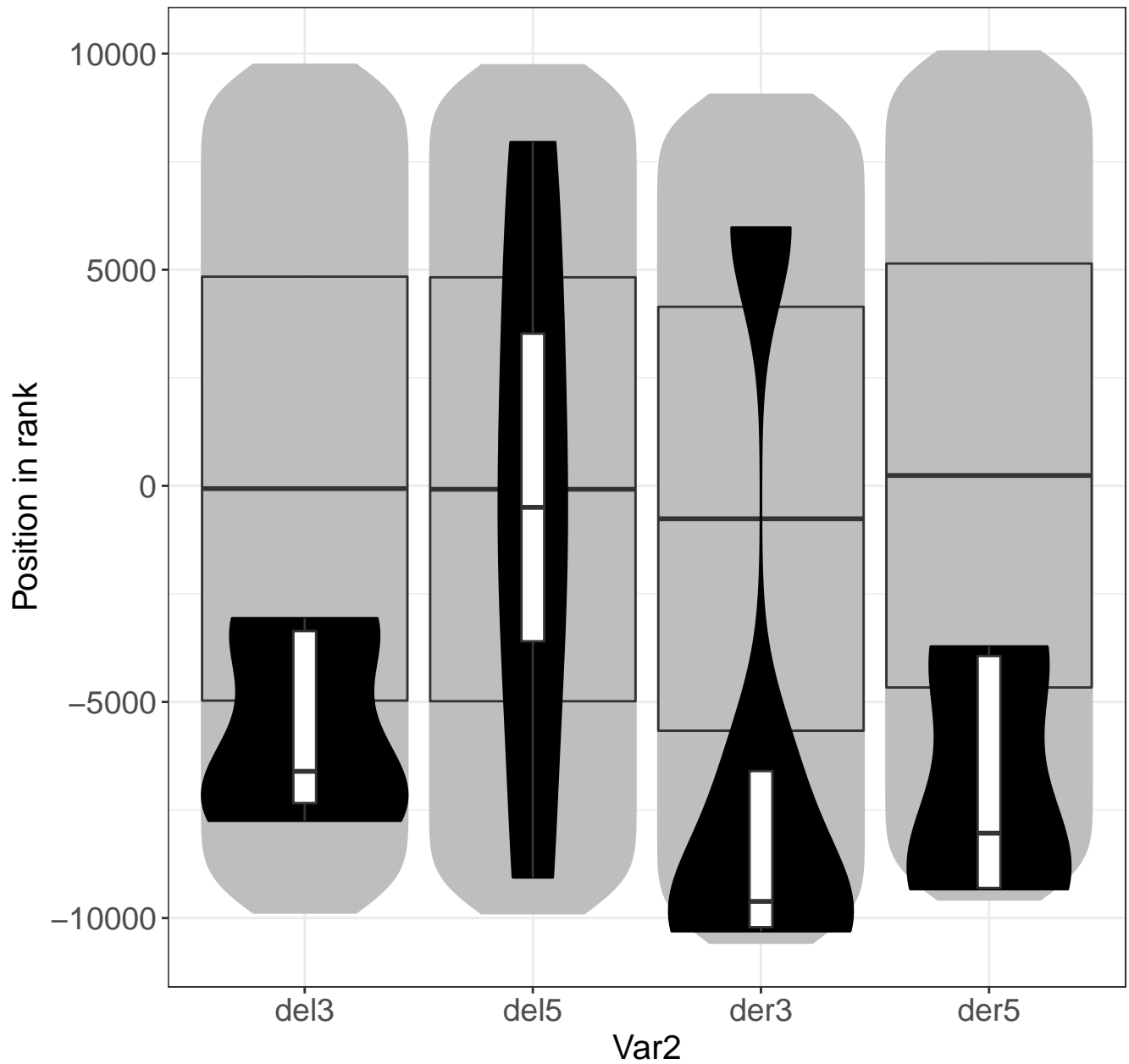
# secondary.metabolism.phenylpropanoids.lignin.biosynthesis.CCR1



# secondary.metabolism.phenylpropanoids.lignin.biosynthesis.CCR1

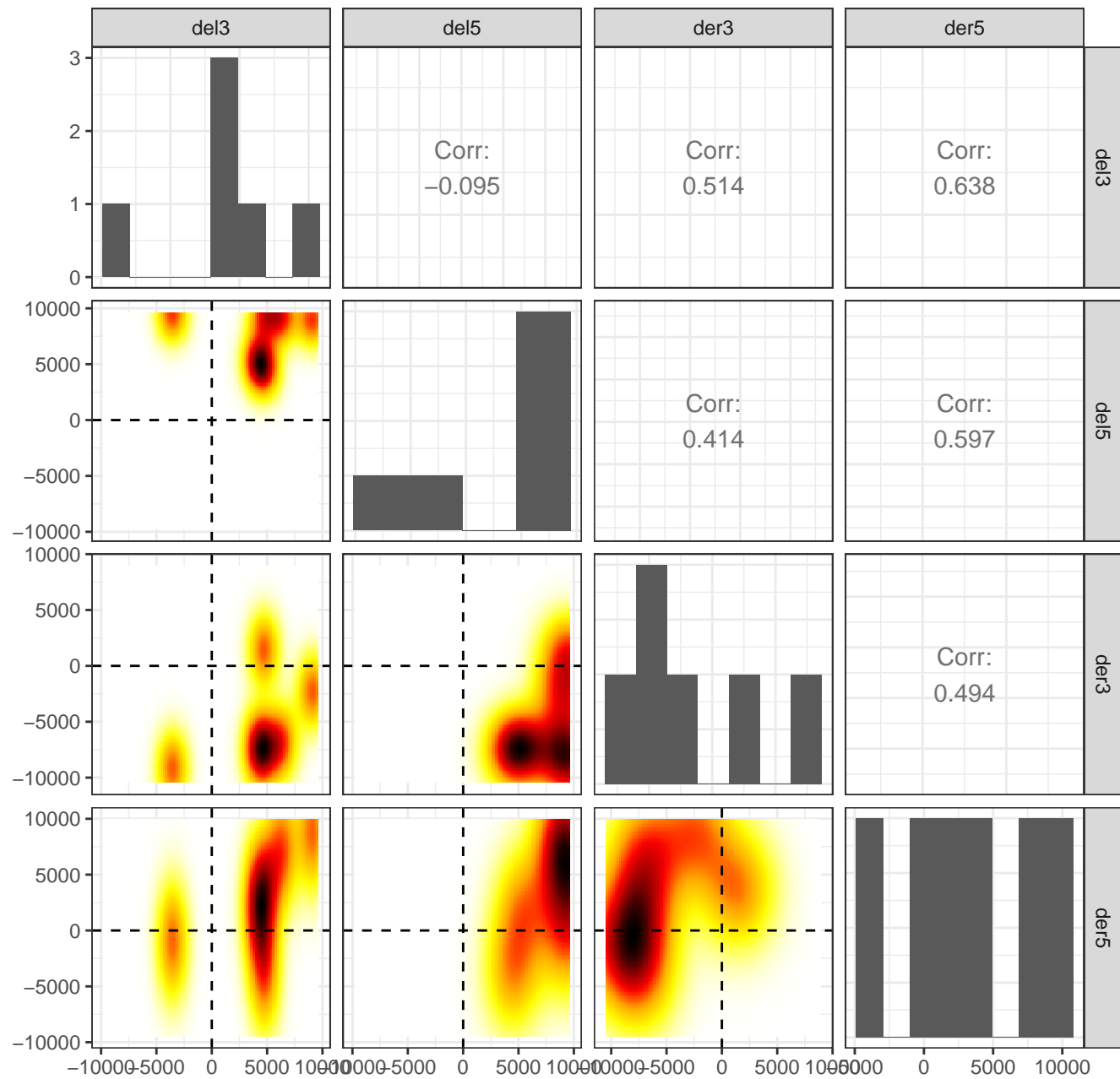


# secondary.metabolism.phenylpropanoids.lignin.b

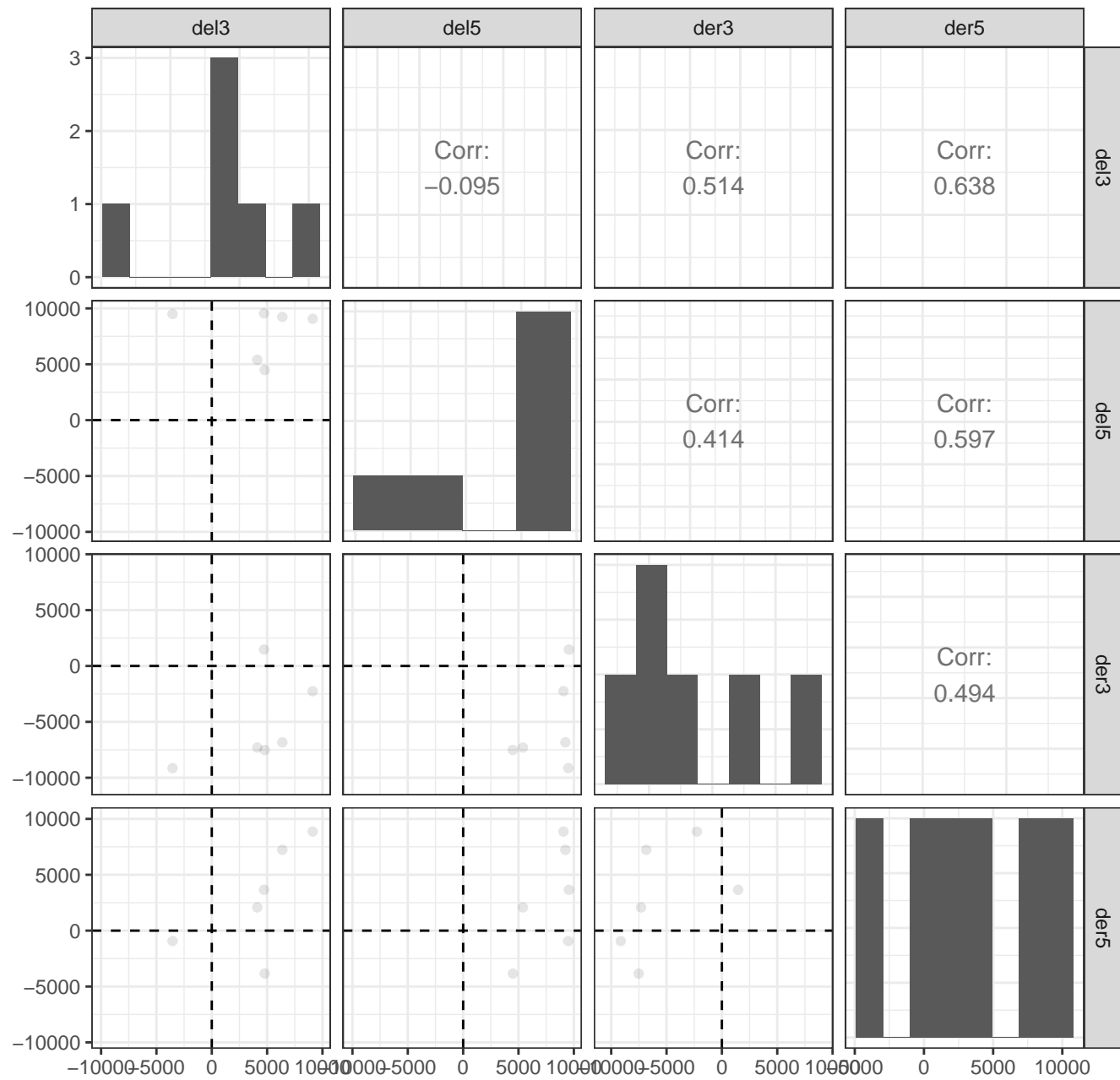




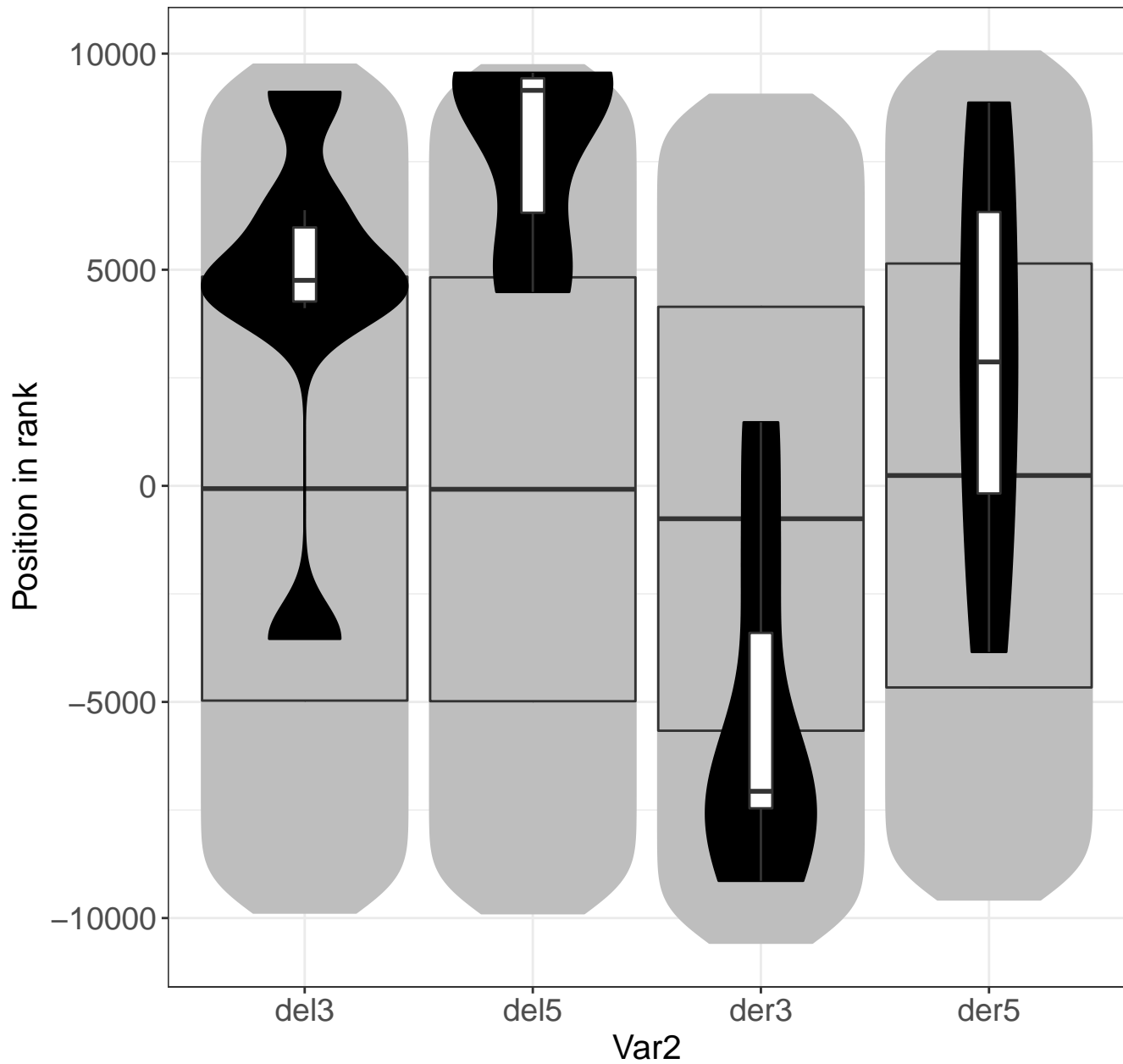
# PS.calvin.cycle.rubisco.interacting



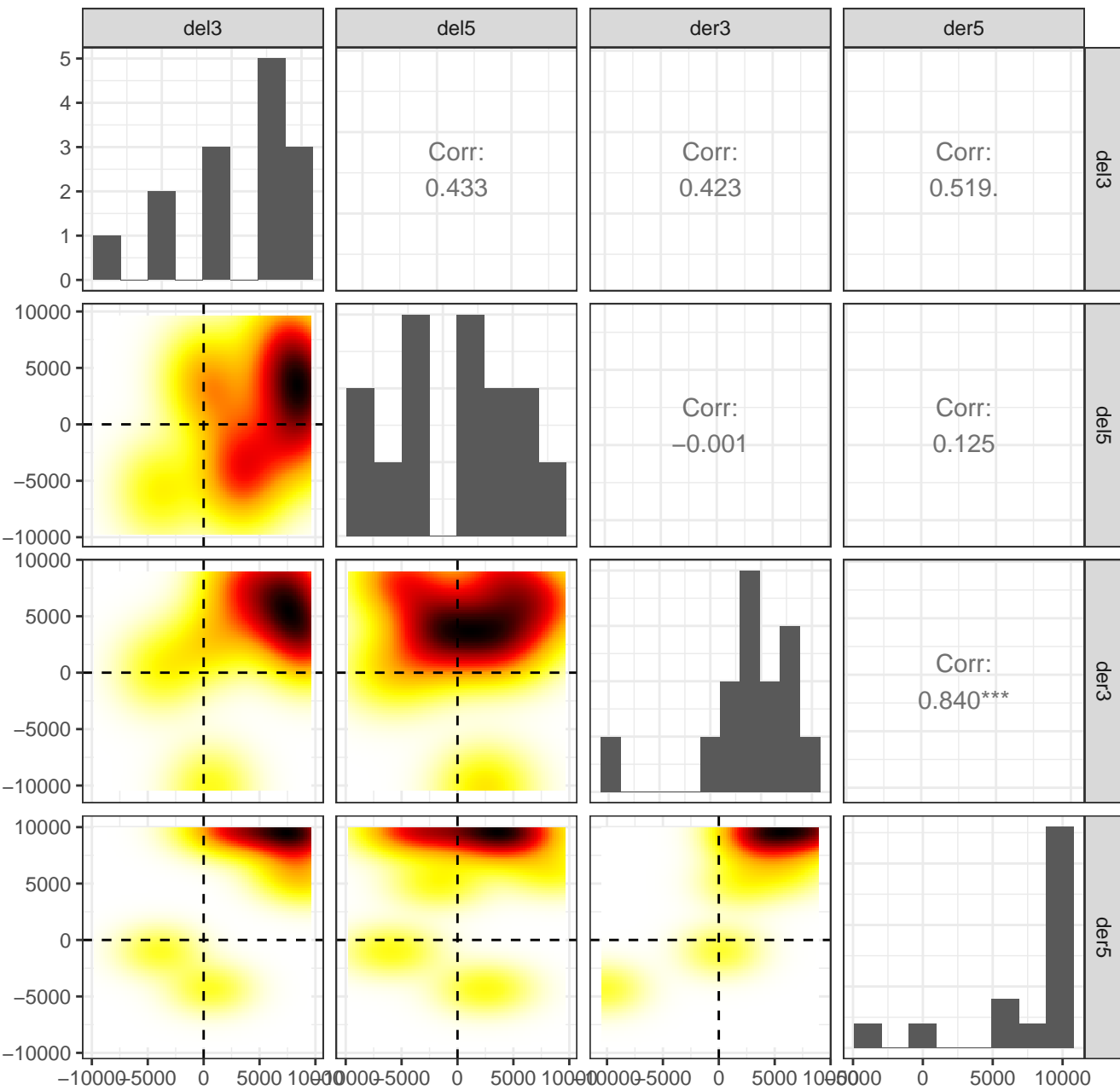
# PS.calvin.cycle.rubisco.interacting



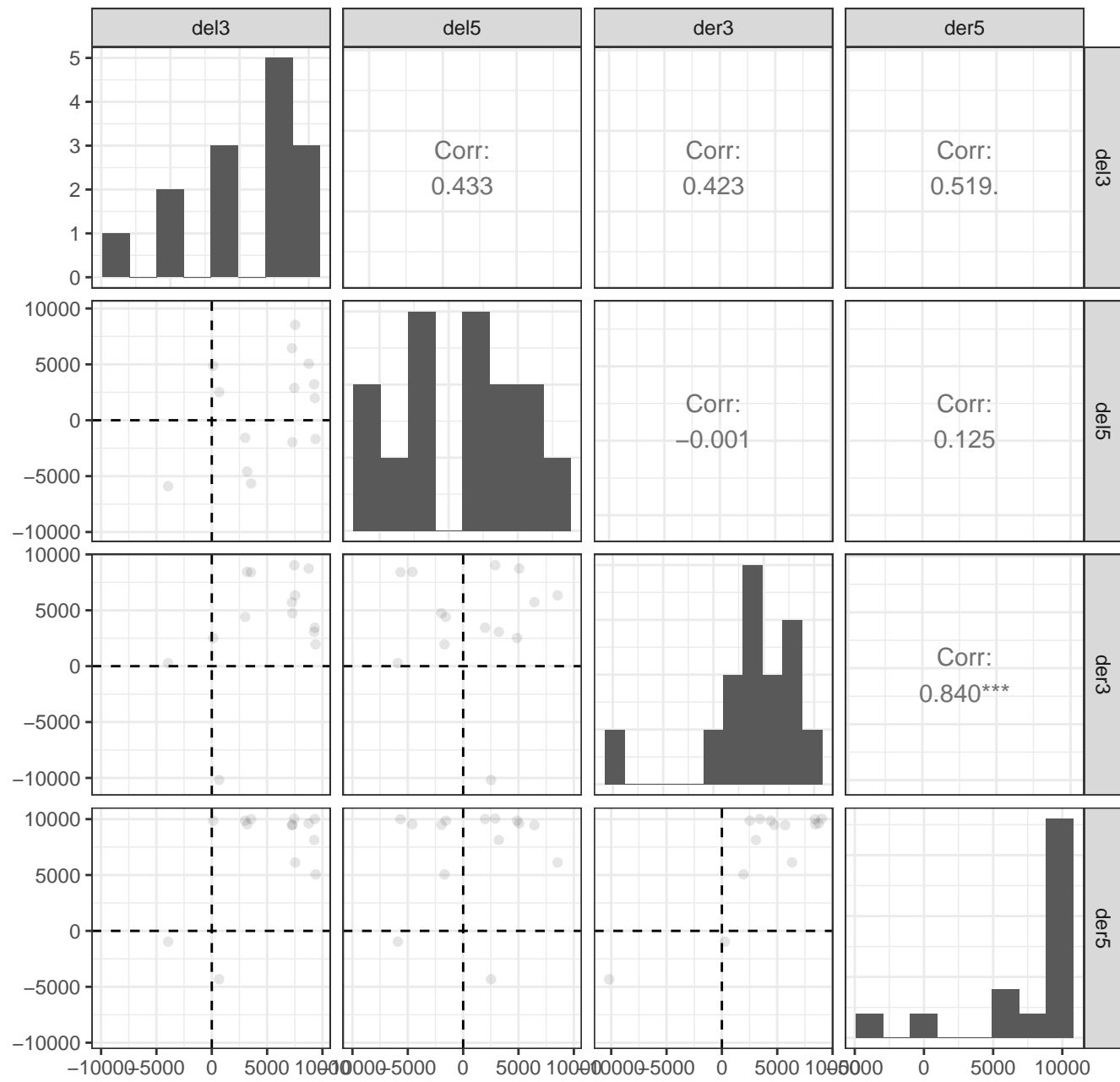
# PS.calvin.cycle.rubisco.interacting



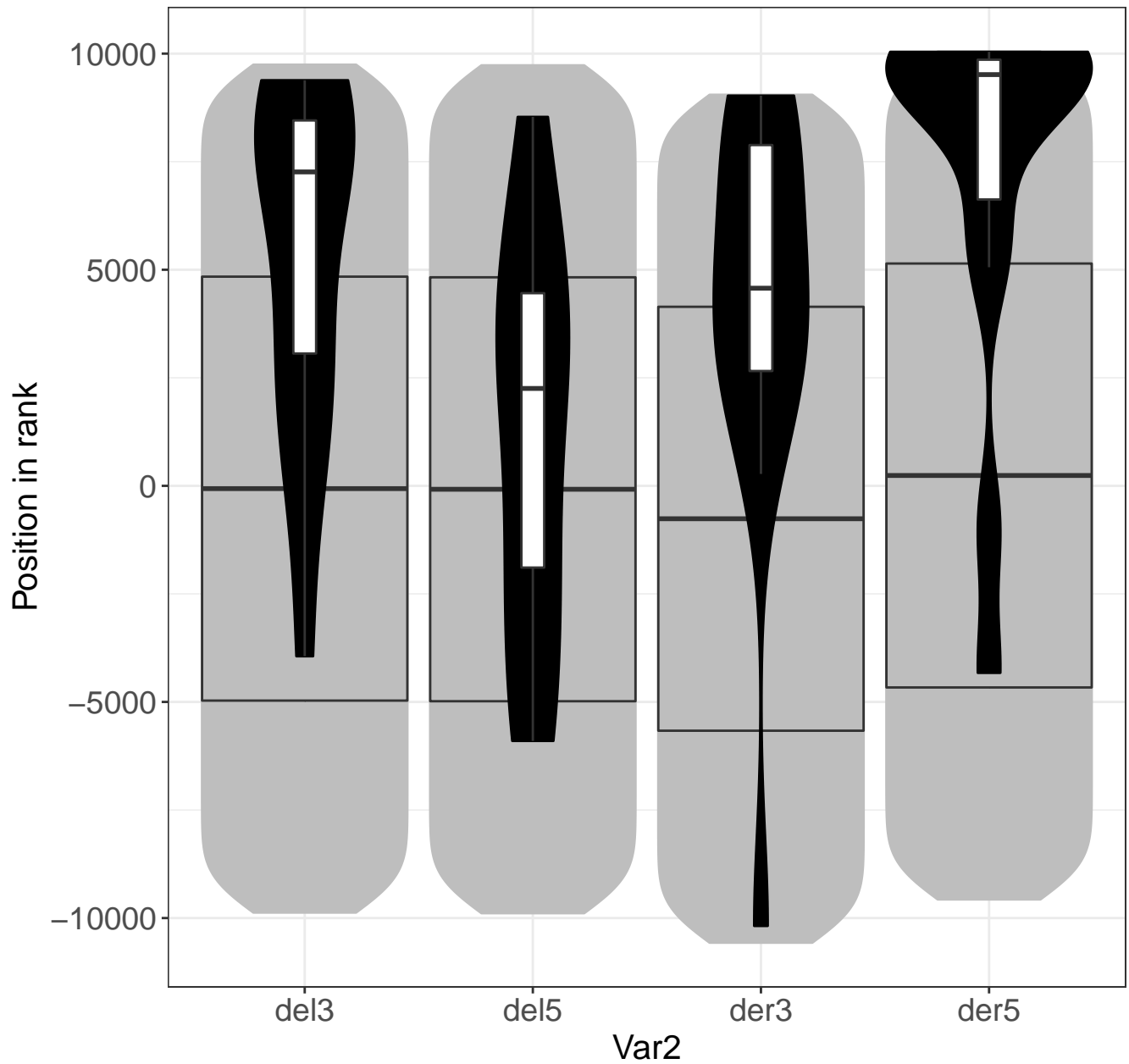
# RNA.regulation.of.transcription.ARF..Auxin.Response.Factor.family



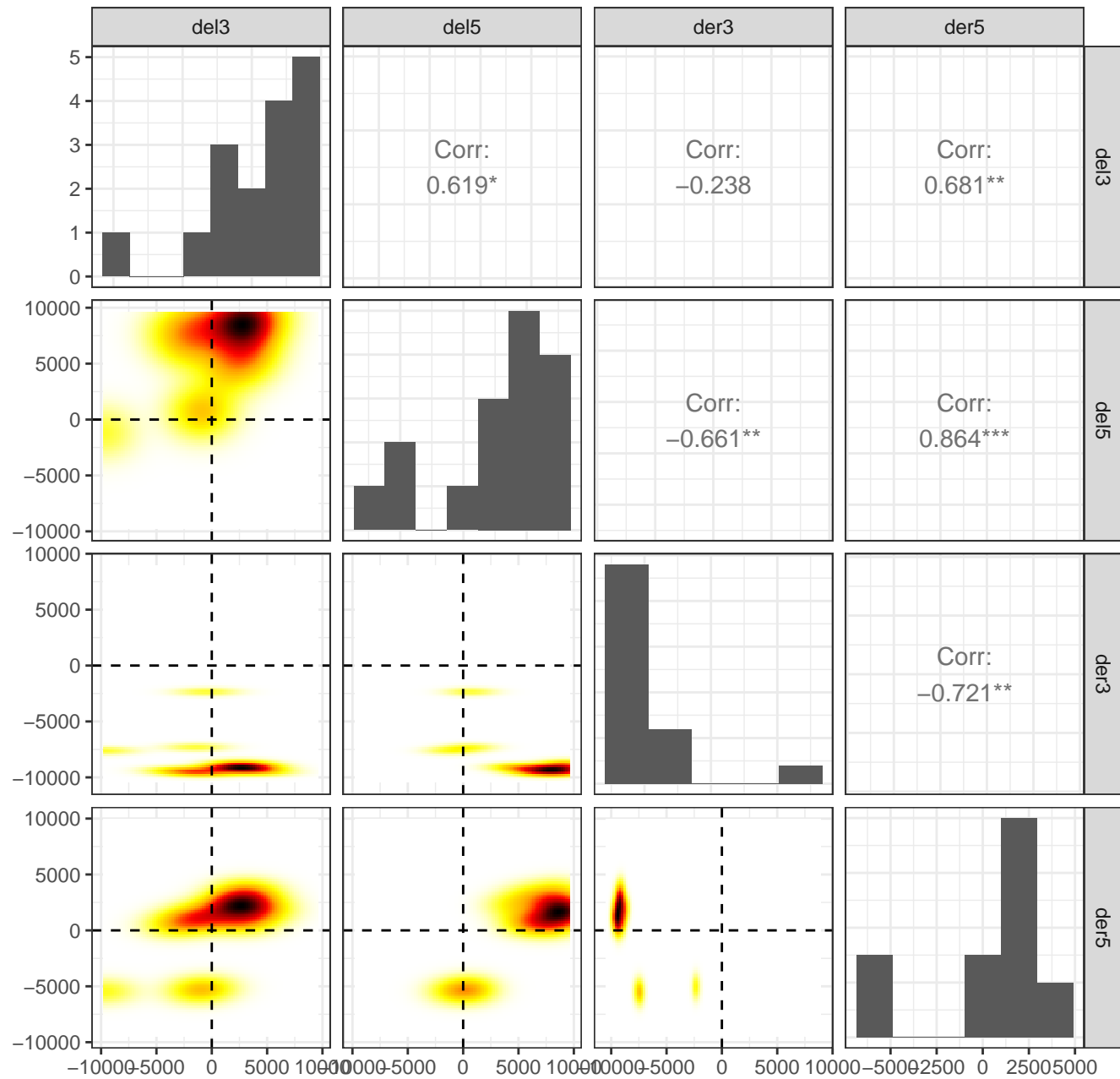
# RNA.regulation.of.transcription.ARF..Auxin.Response.Factor.family



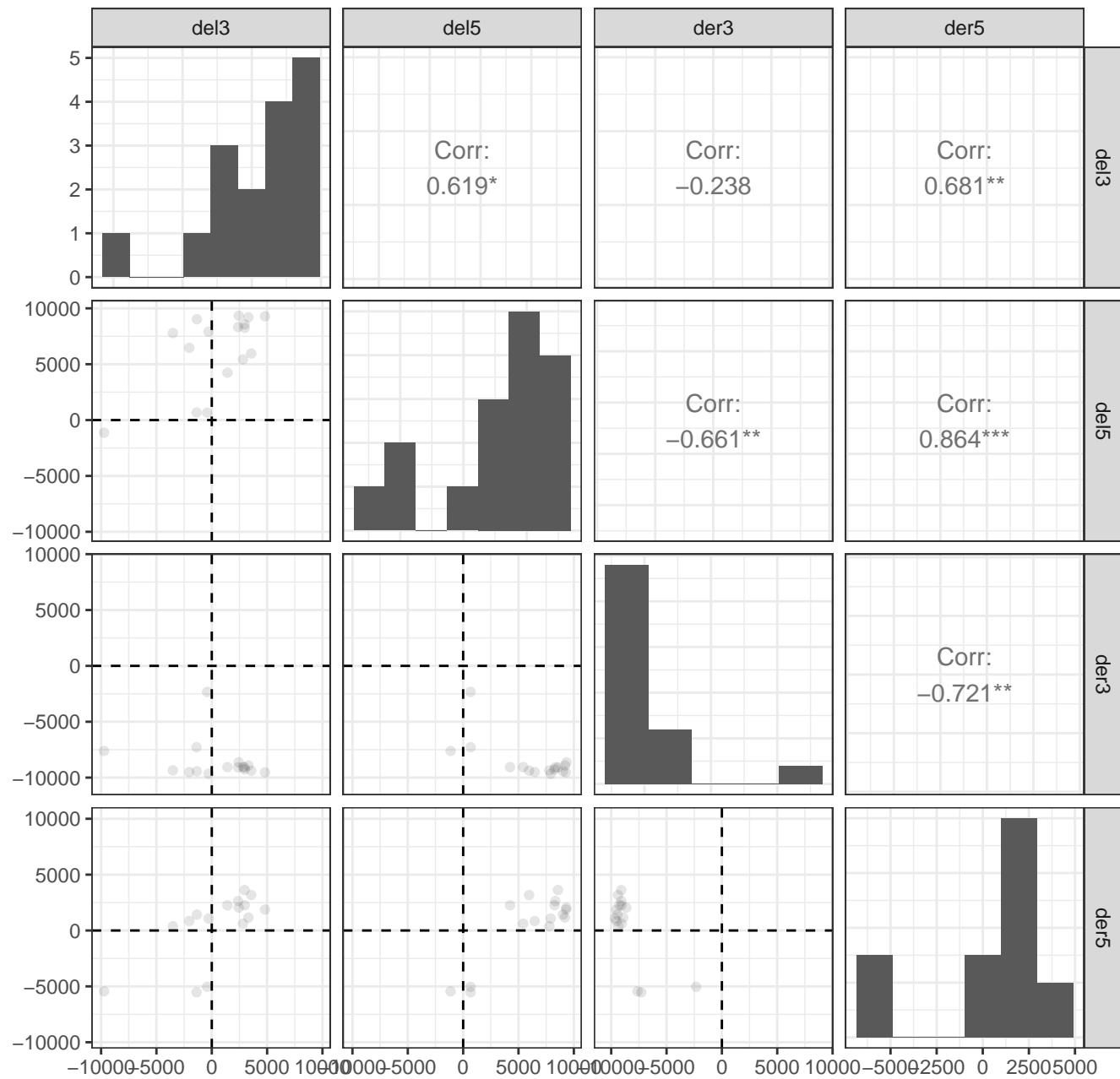
# RNA.regulation.of.transcription.ARF..Auxin.Resp



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

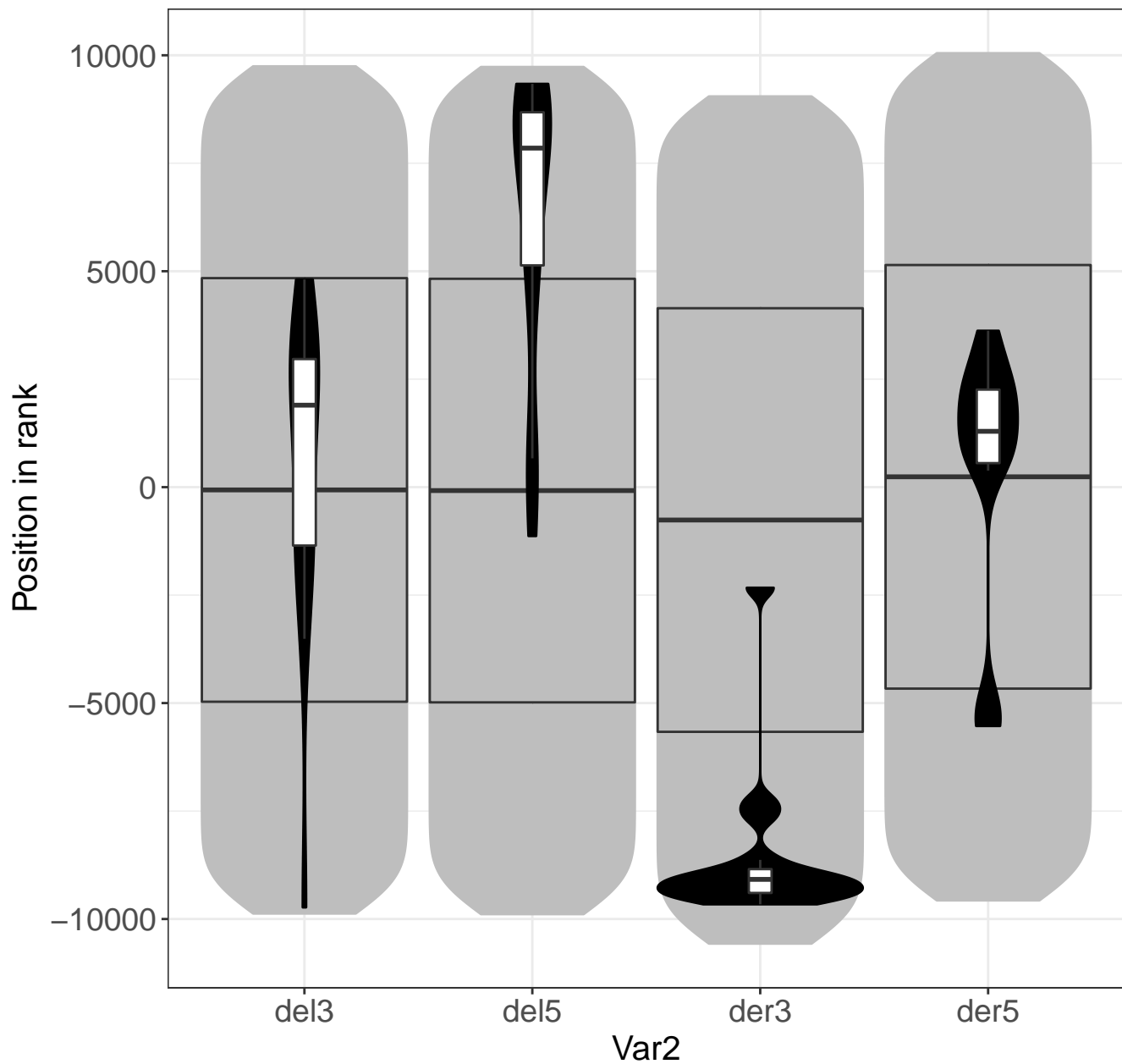


# PS.lightreaction.photosystem.I.PSI.polypeptide.subunits

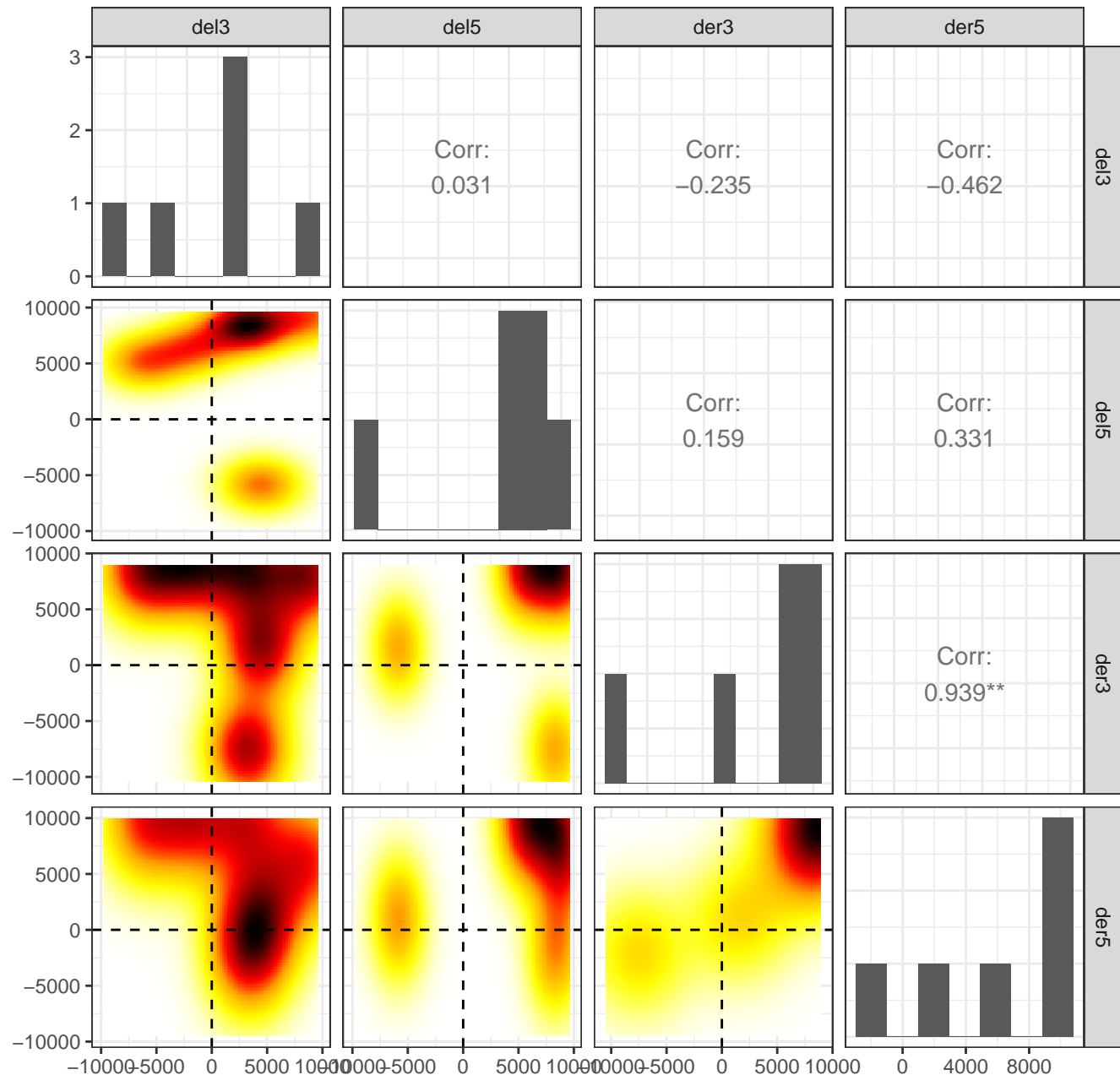




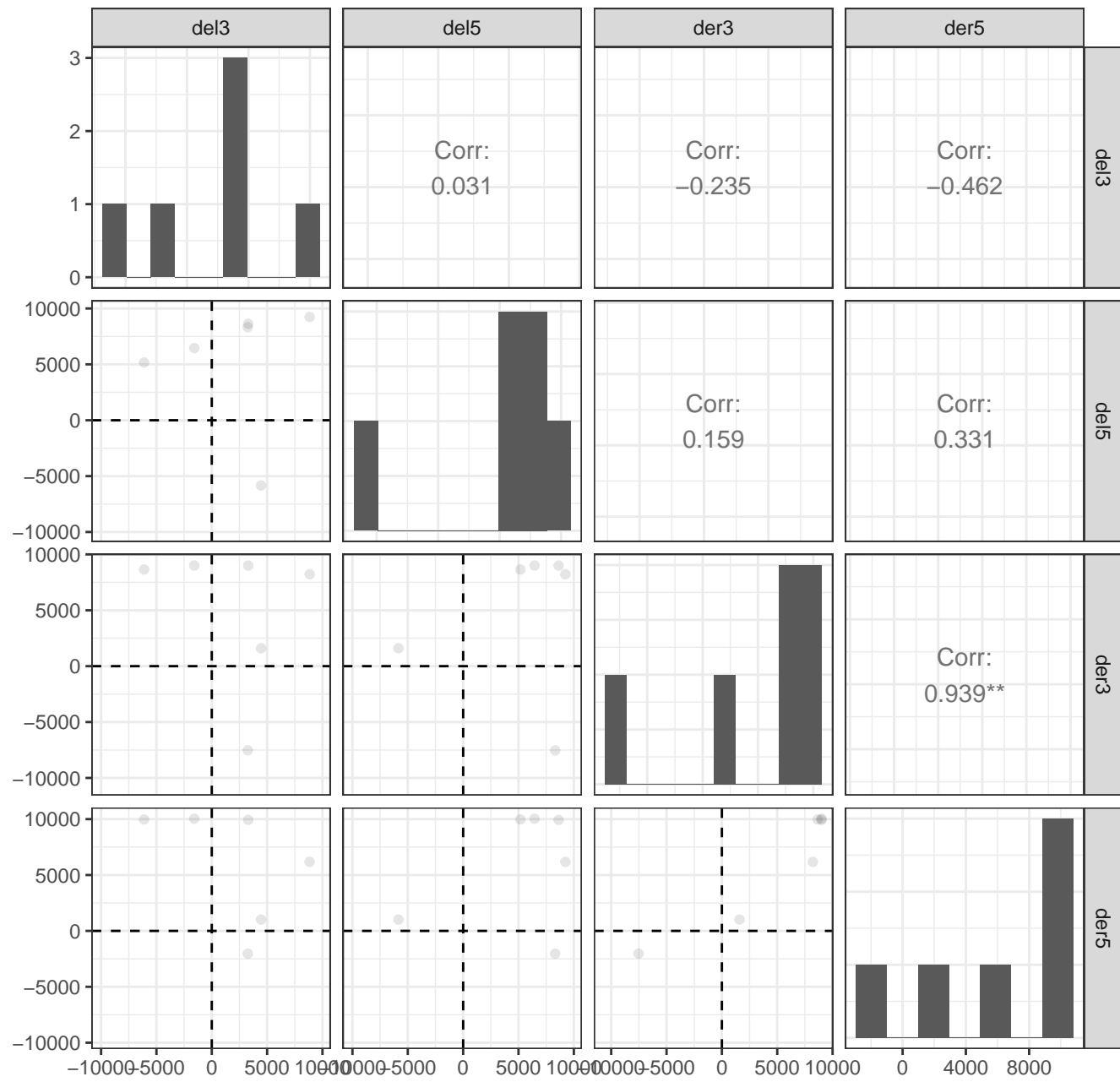
# PS.lightreaction.photosystem.I.PSI.polypeptide.s



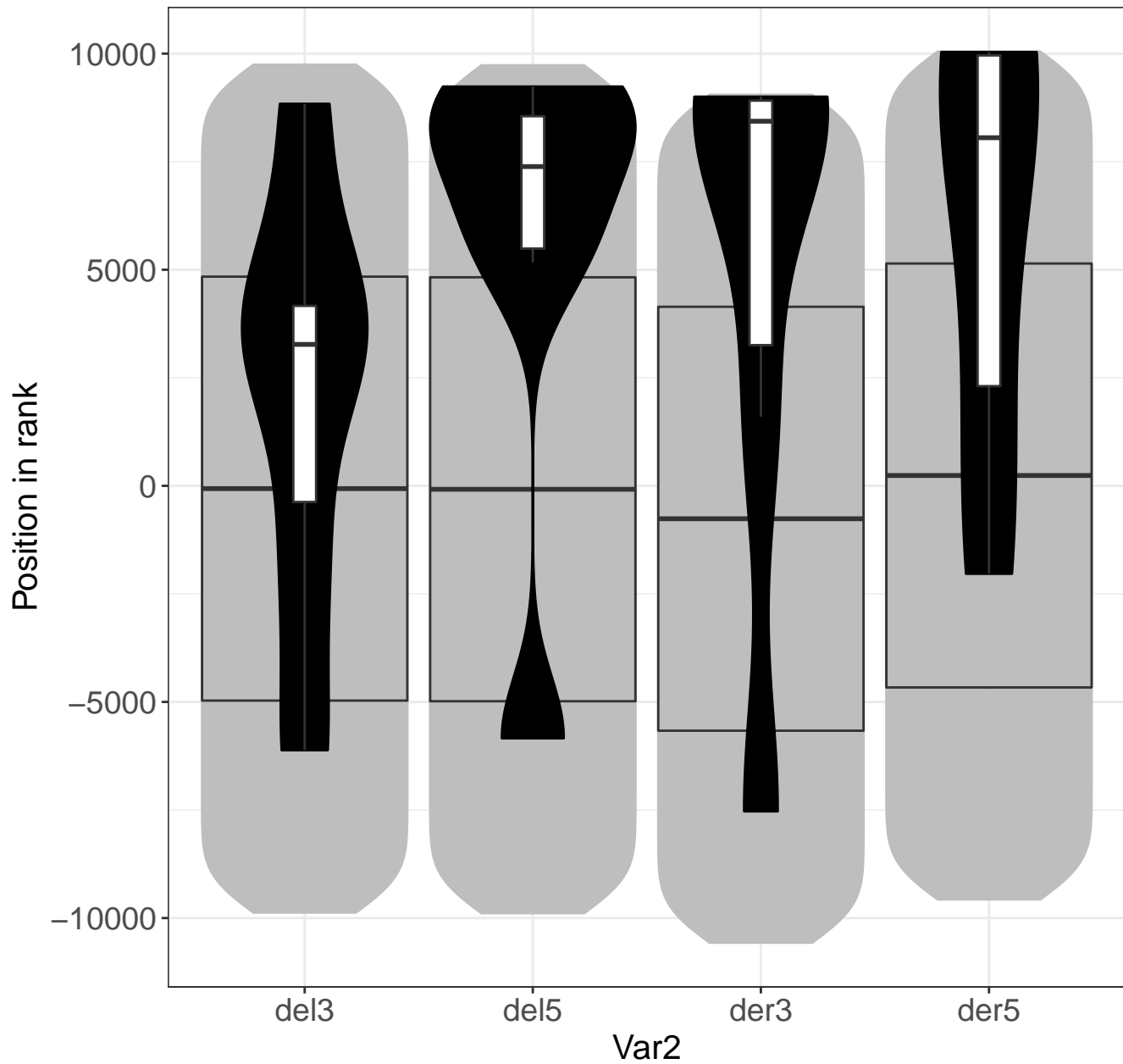
# transport.ammonium



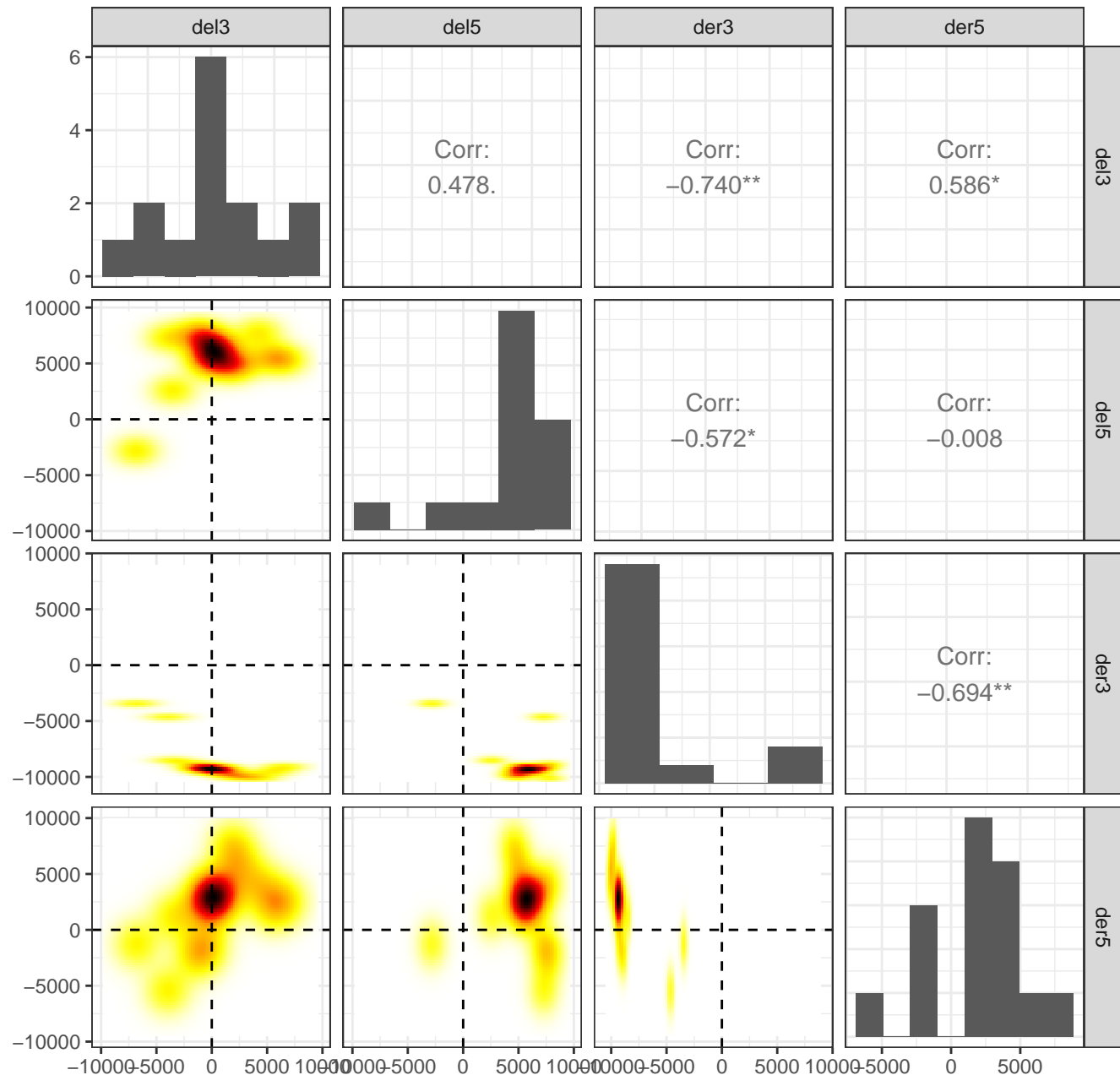
# transport.ammonium



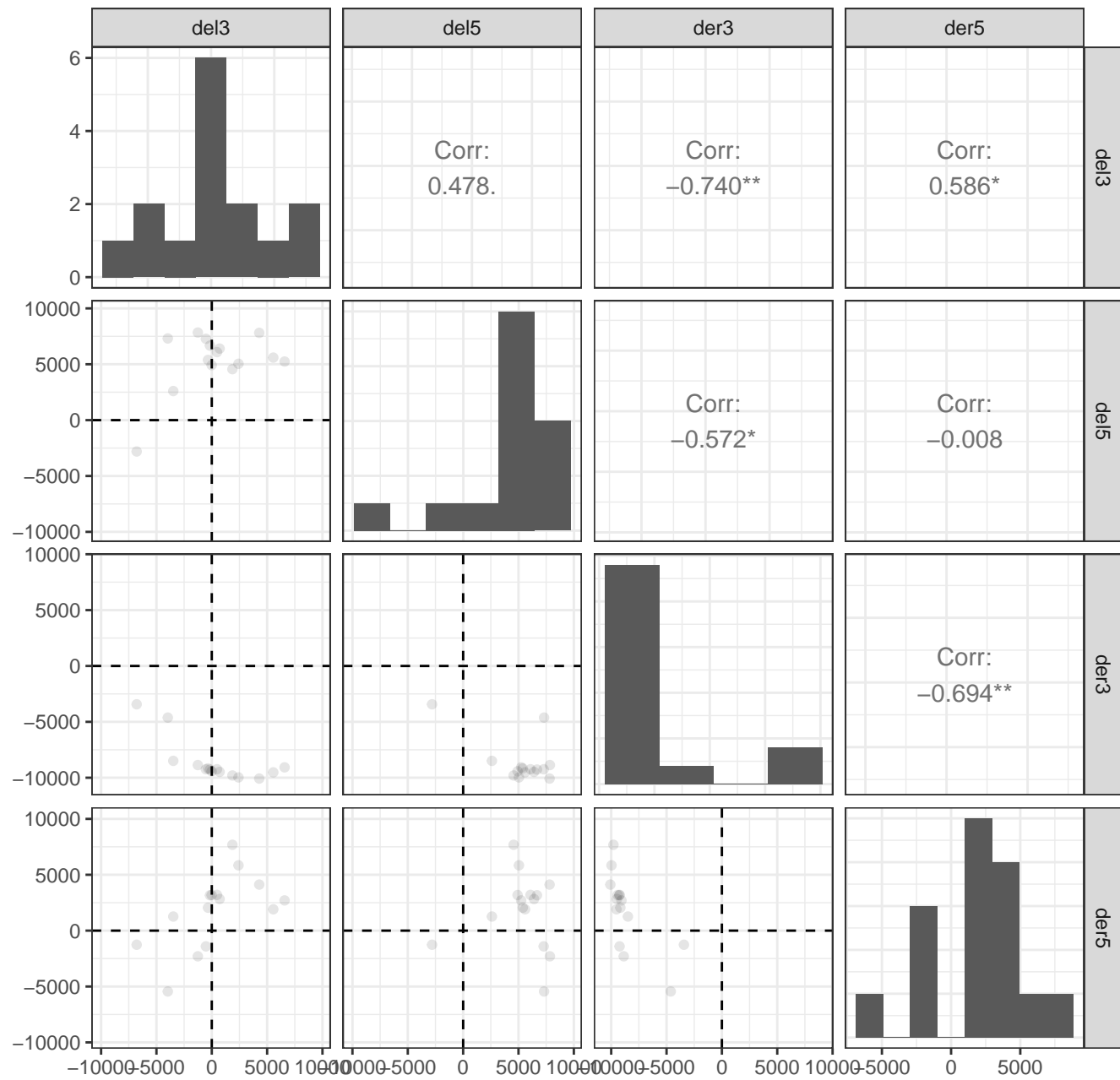
# transport.ammonium



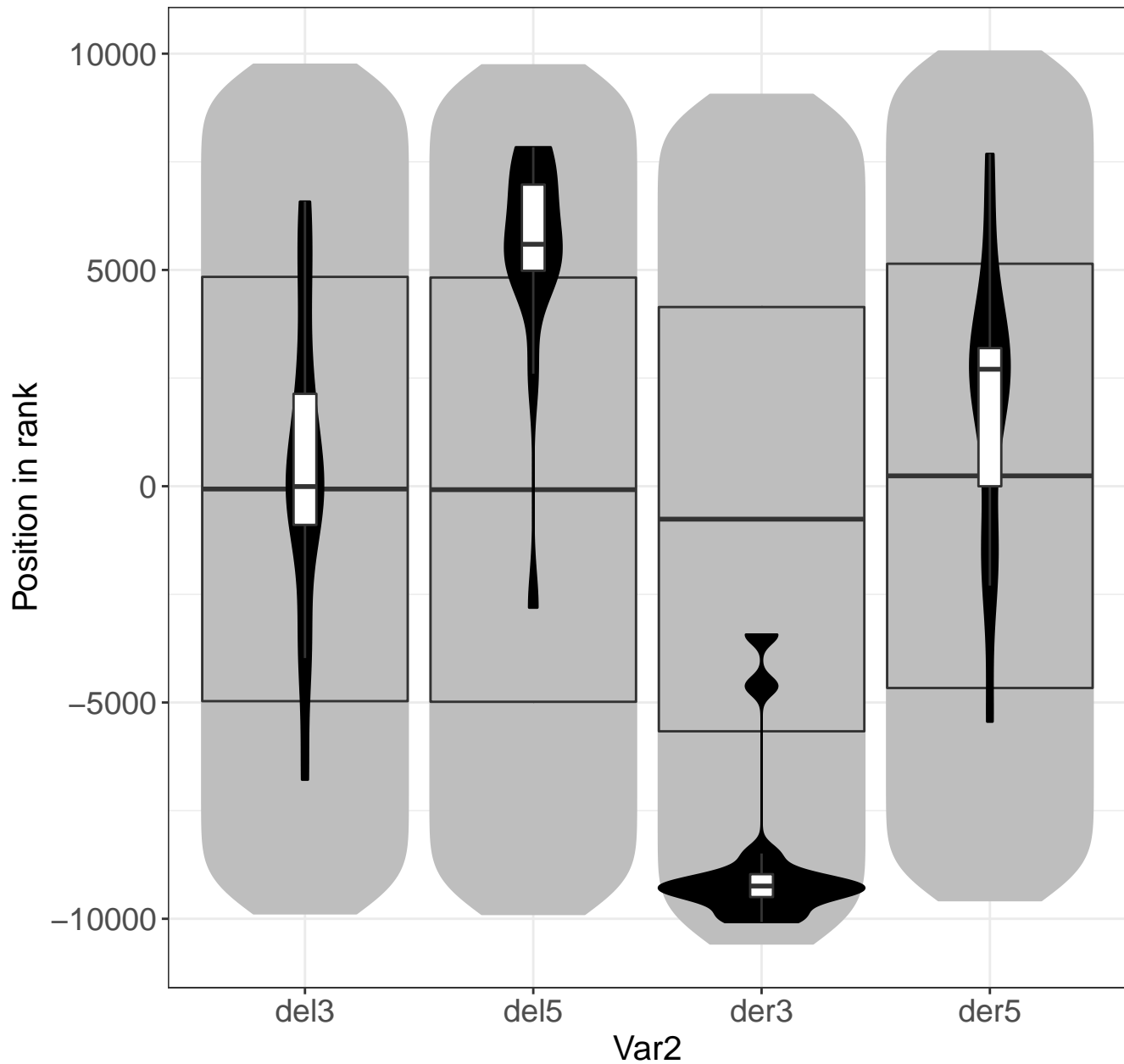
# PS.lightreaction.photosystem.II.LHC.II



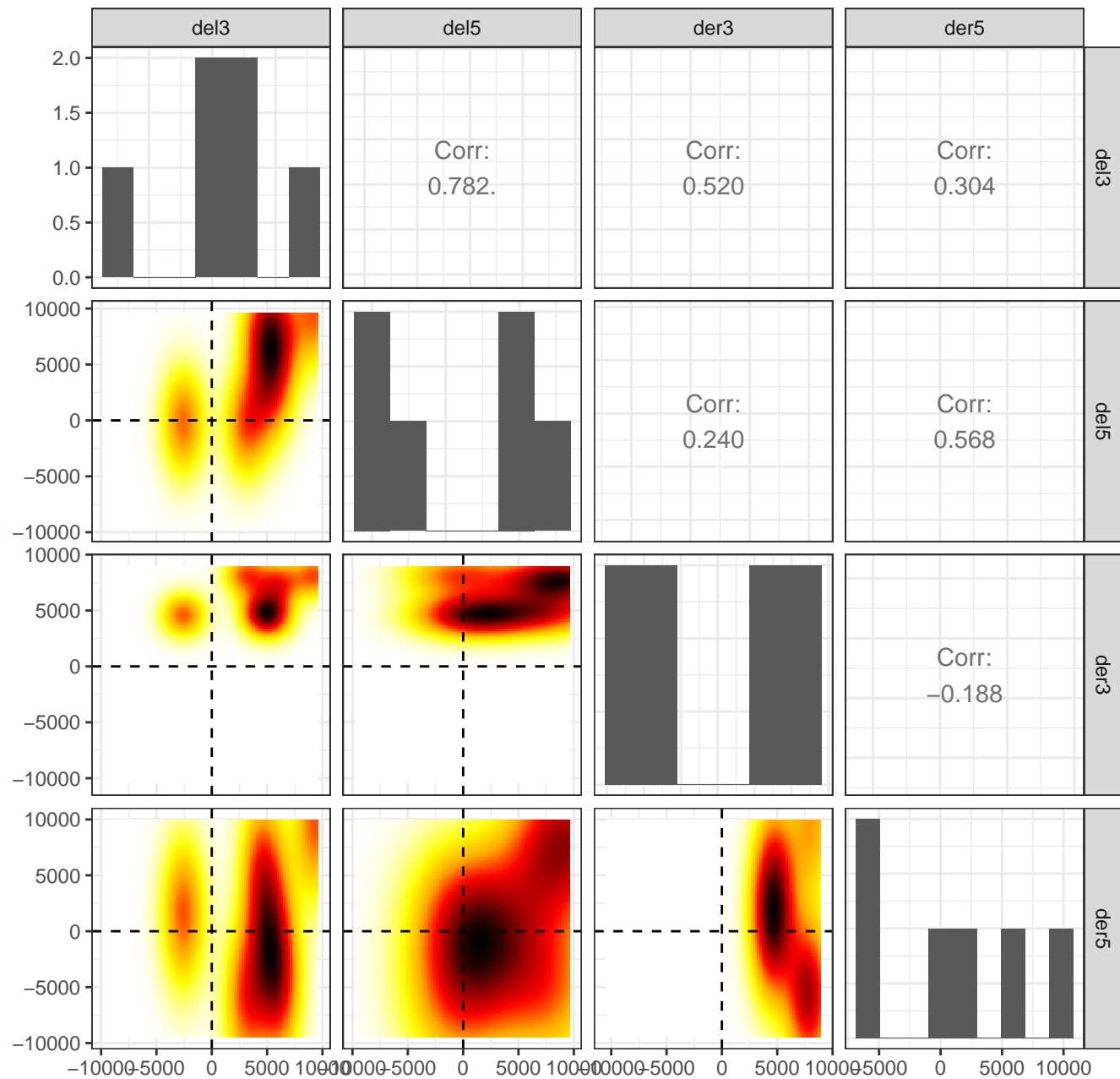
# PS.lightreaction.photosystem.II.LHC.II



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

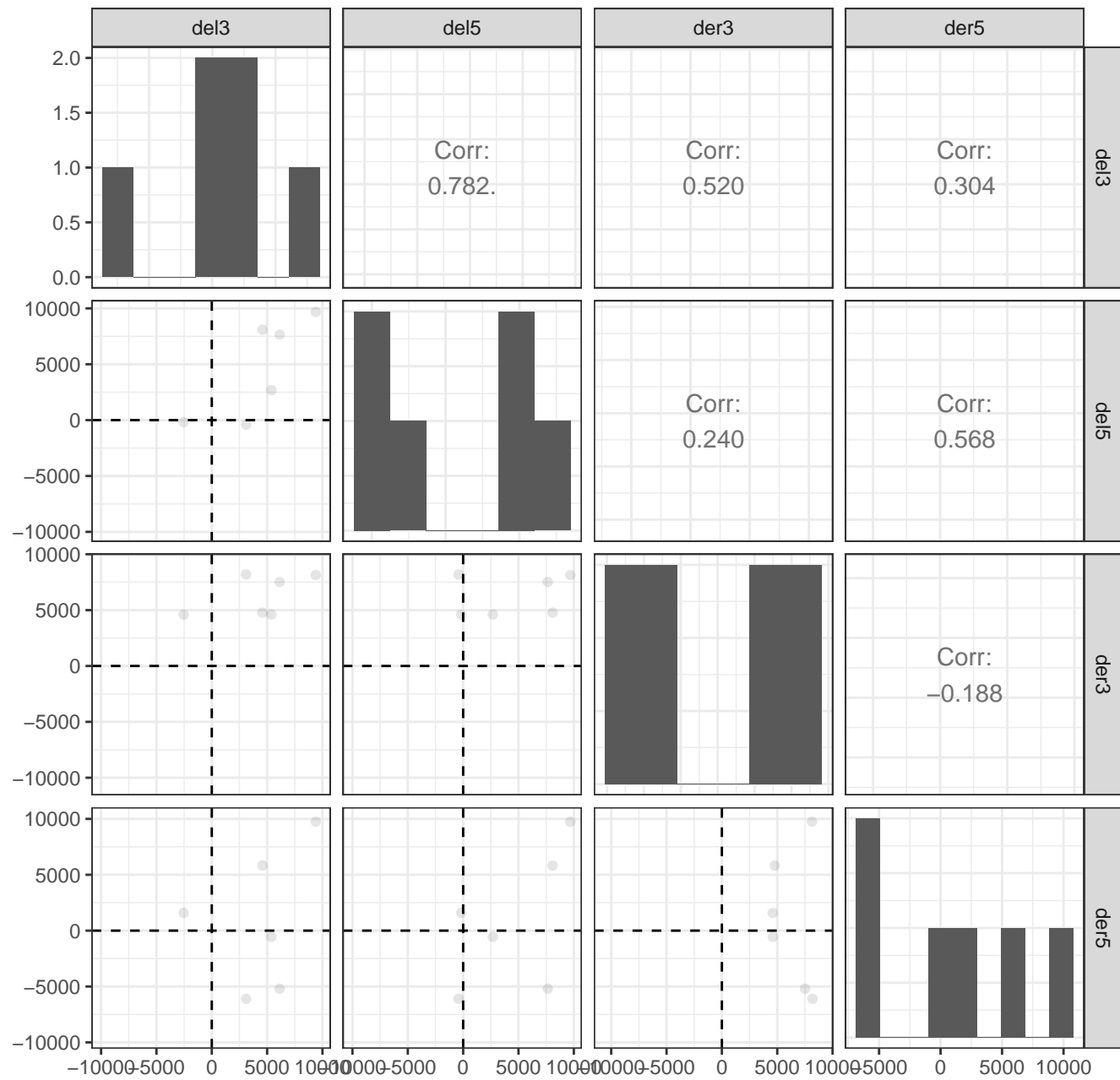


# cell.wall.precursor.synthesis.GAE

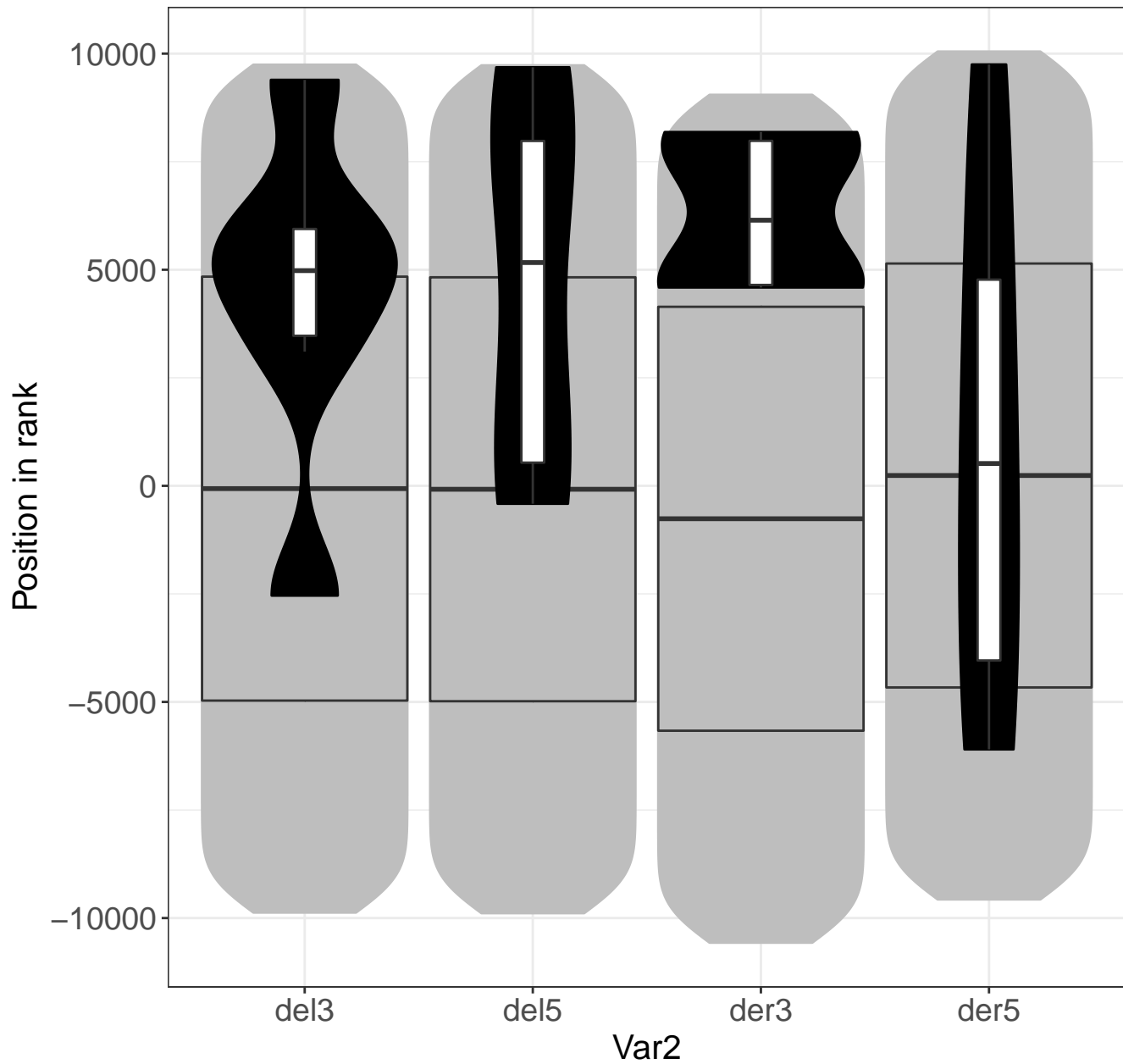




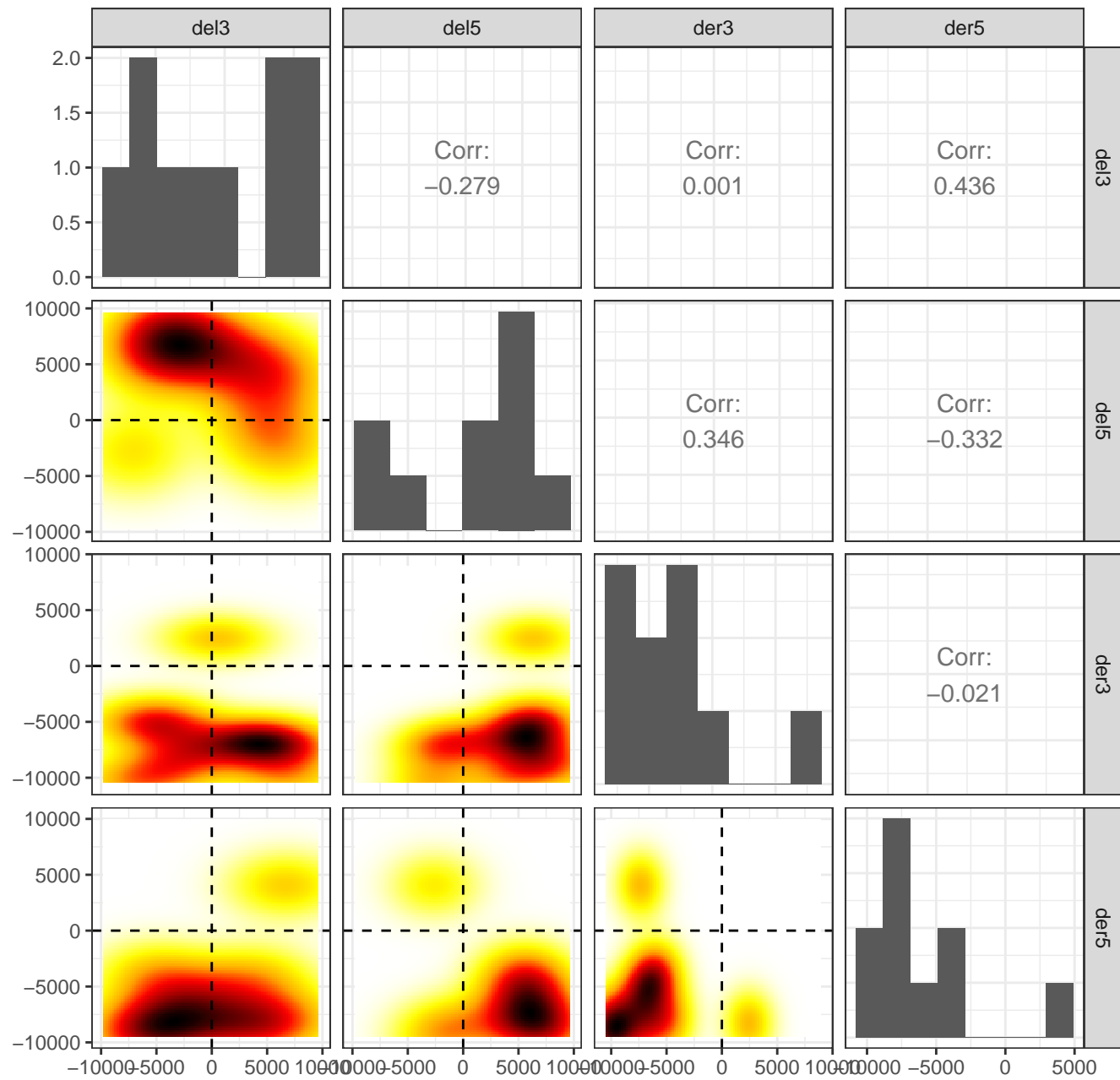
# cell.wall.precursor.synthesis.GAE



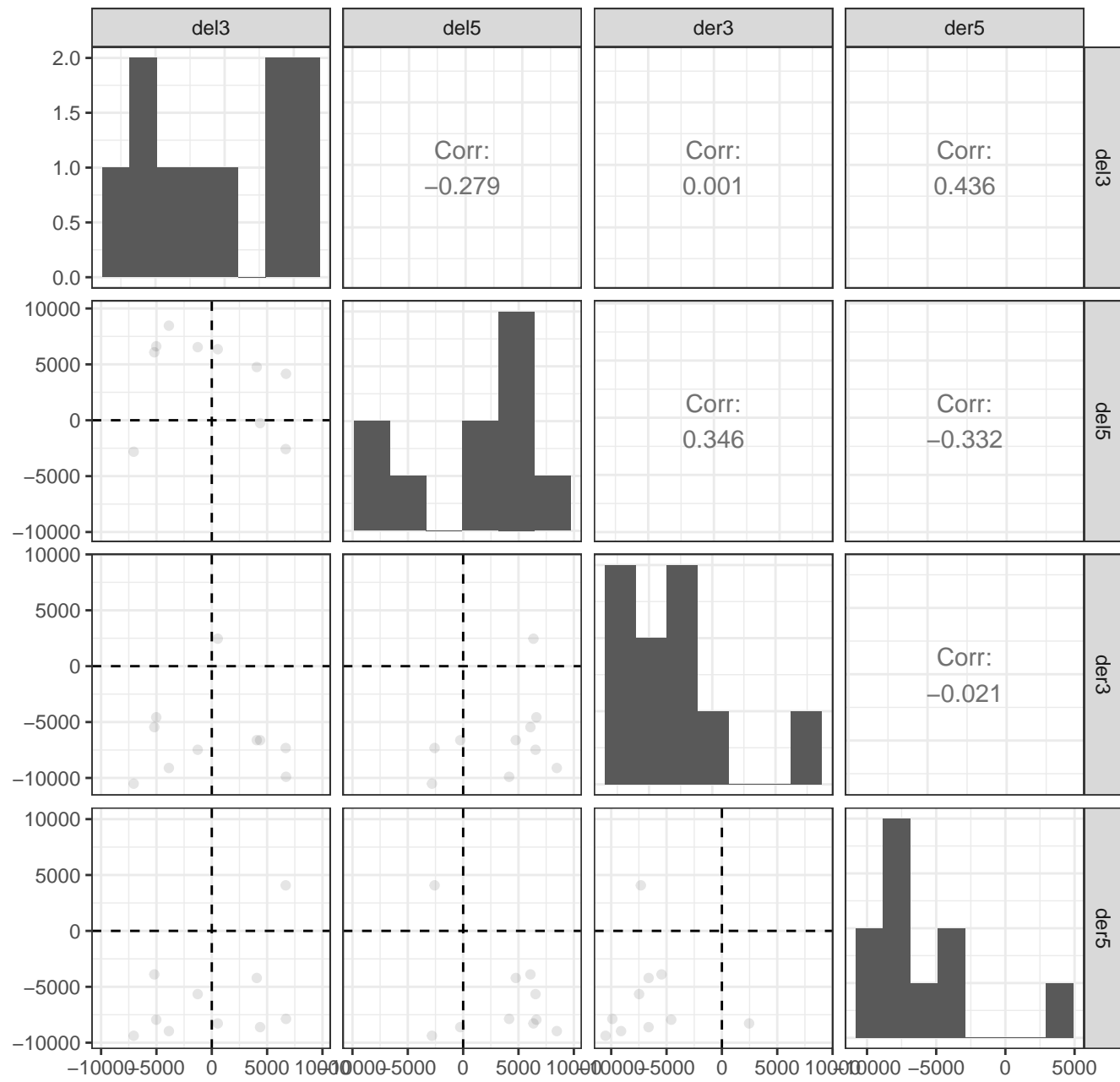
# cell.wall.precursor.synthesis.GAE



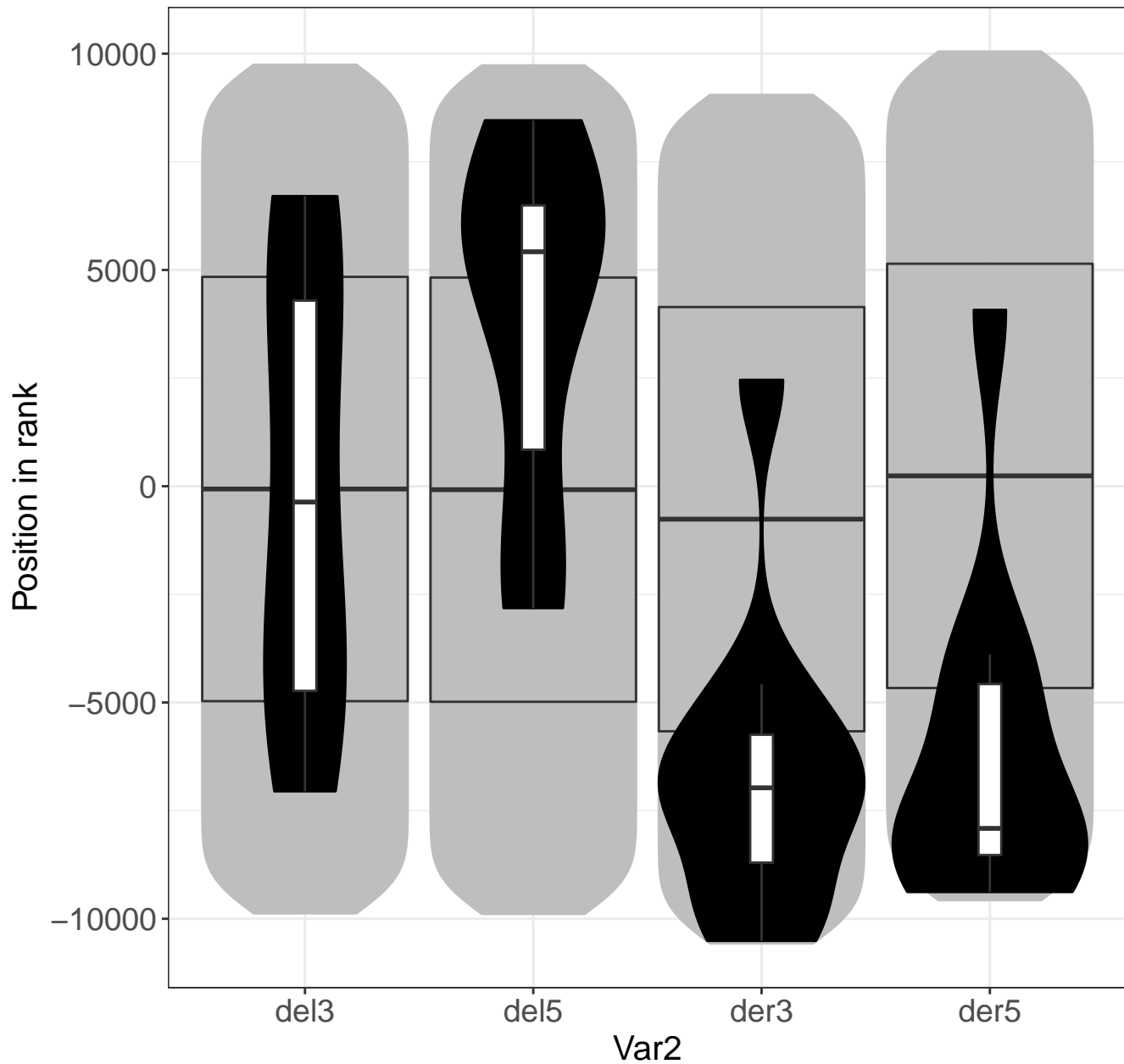
# Biodegradation.of.Xenobiotics.lactoylglutathione.lyase



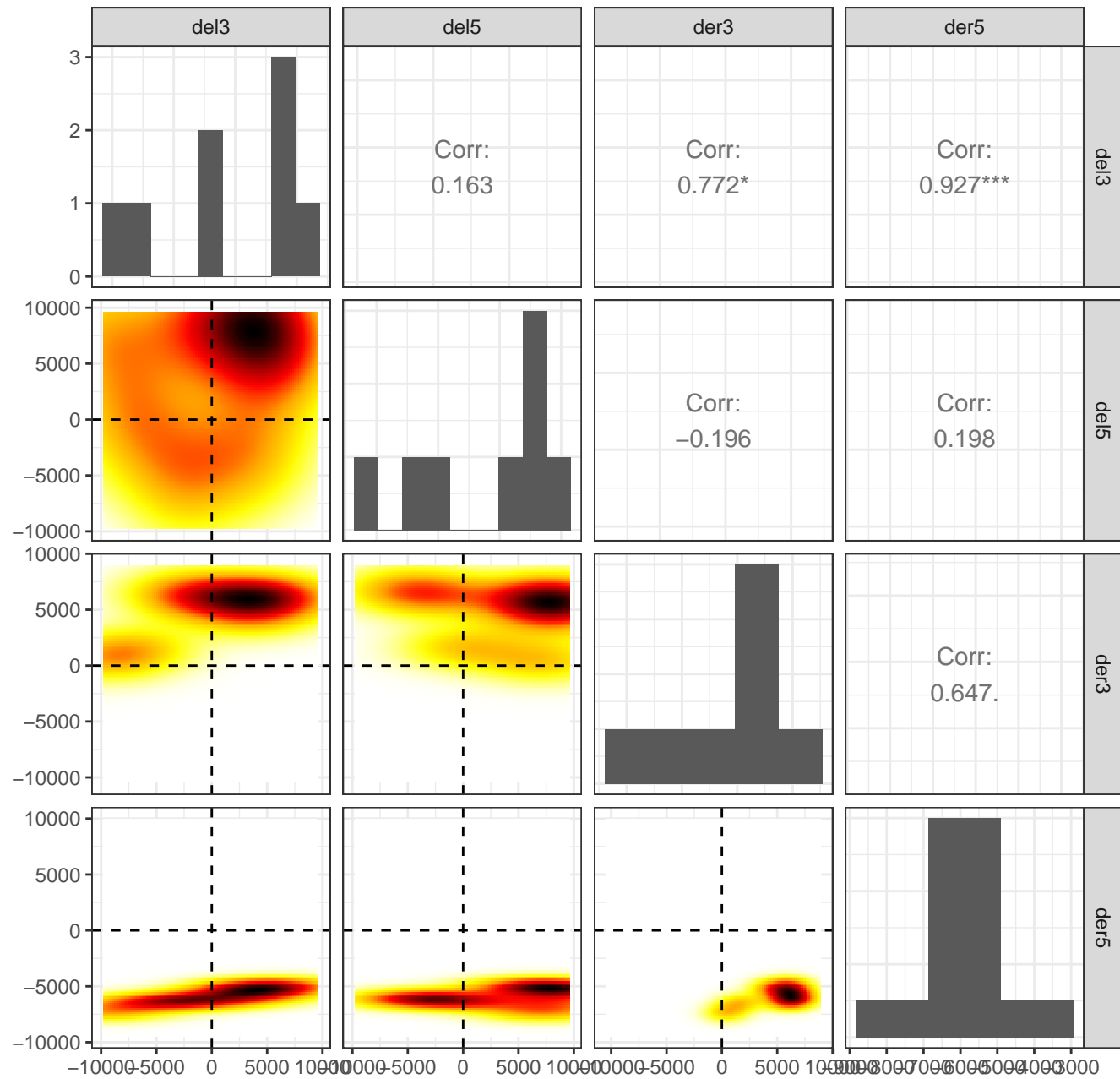
# Biodegradation.of.Xenobiotics.lactoylglutathione.lyase



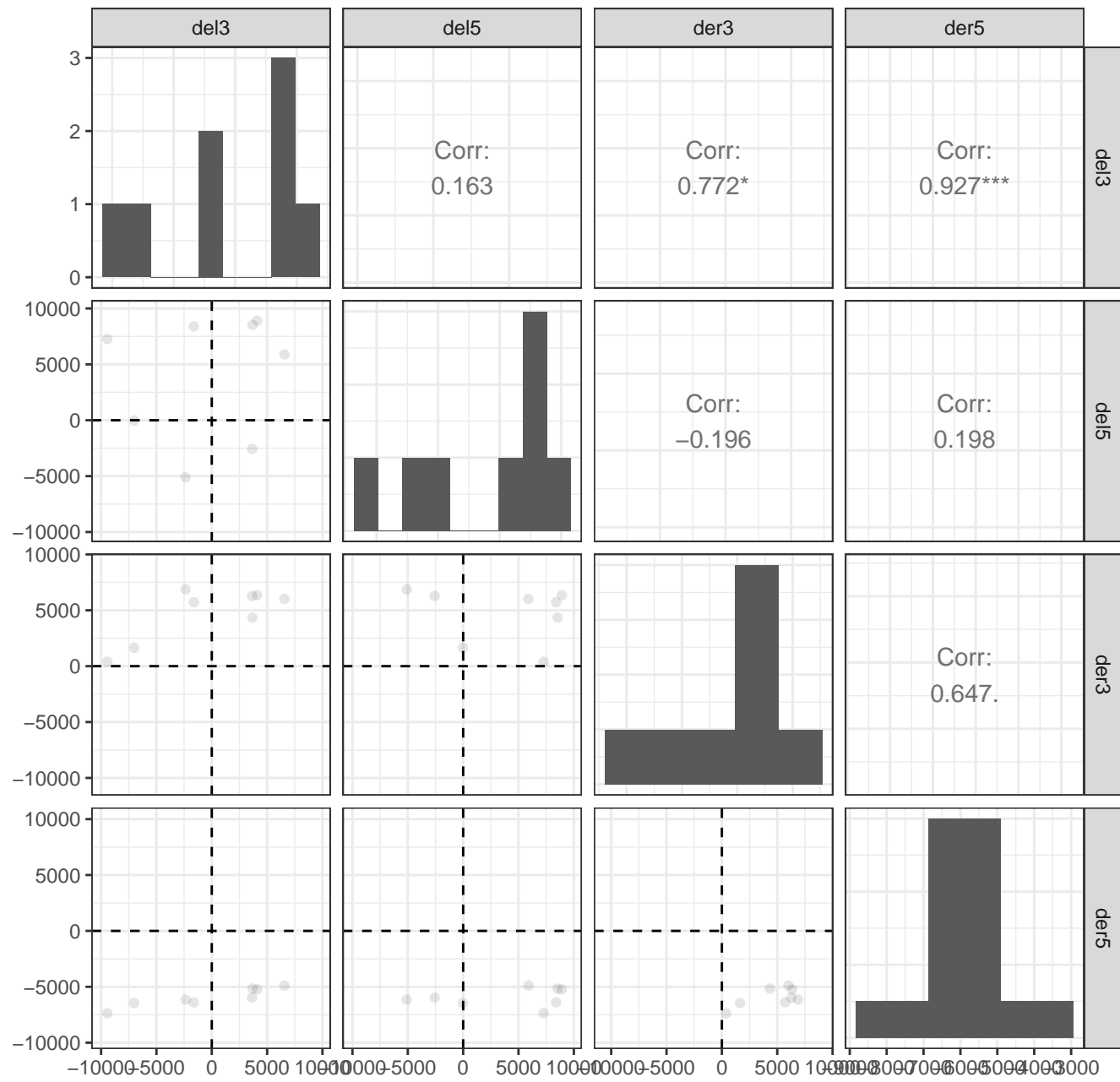
# Biodegradation.of.Xenobiotics.lactoylglutathione.



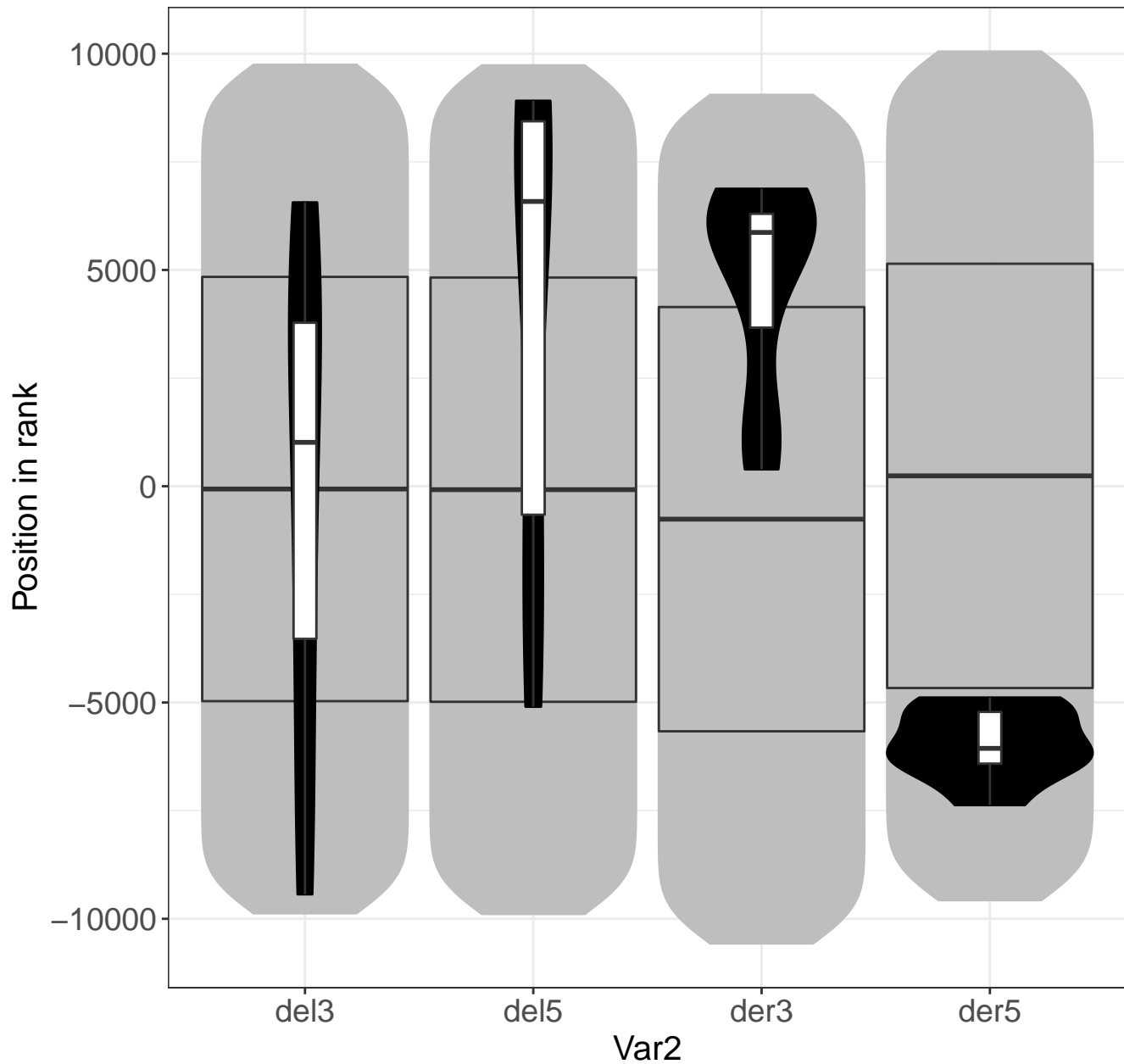
# transport.p..and.v.ATPases.H..transporting.two.sector.ATPase



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

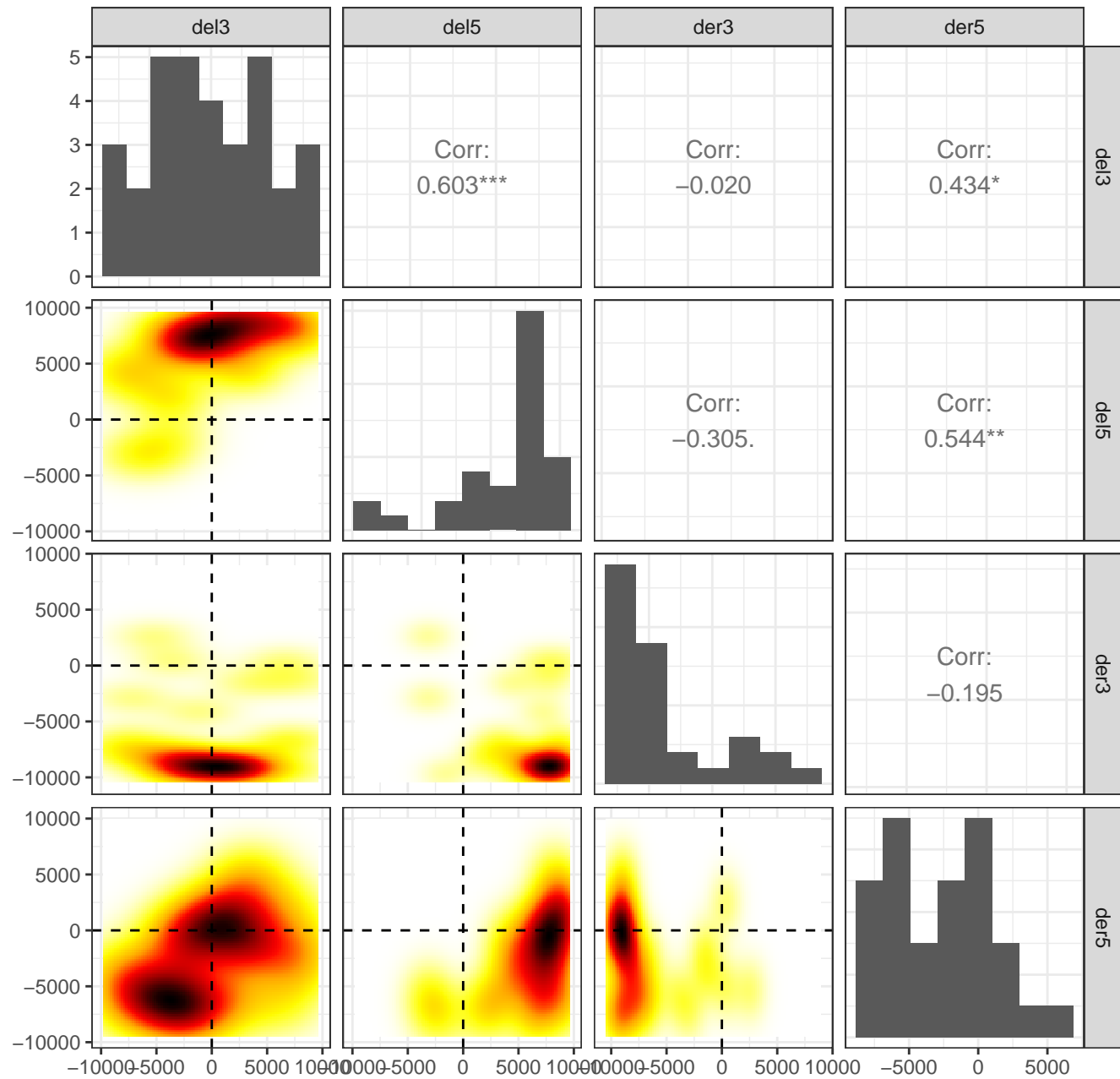


transport.p..and.v.ATPases.H..transporting.two.s

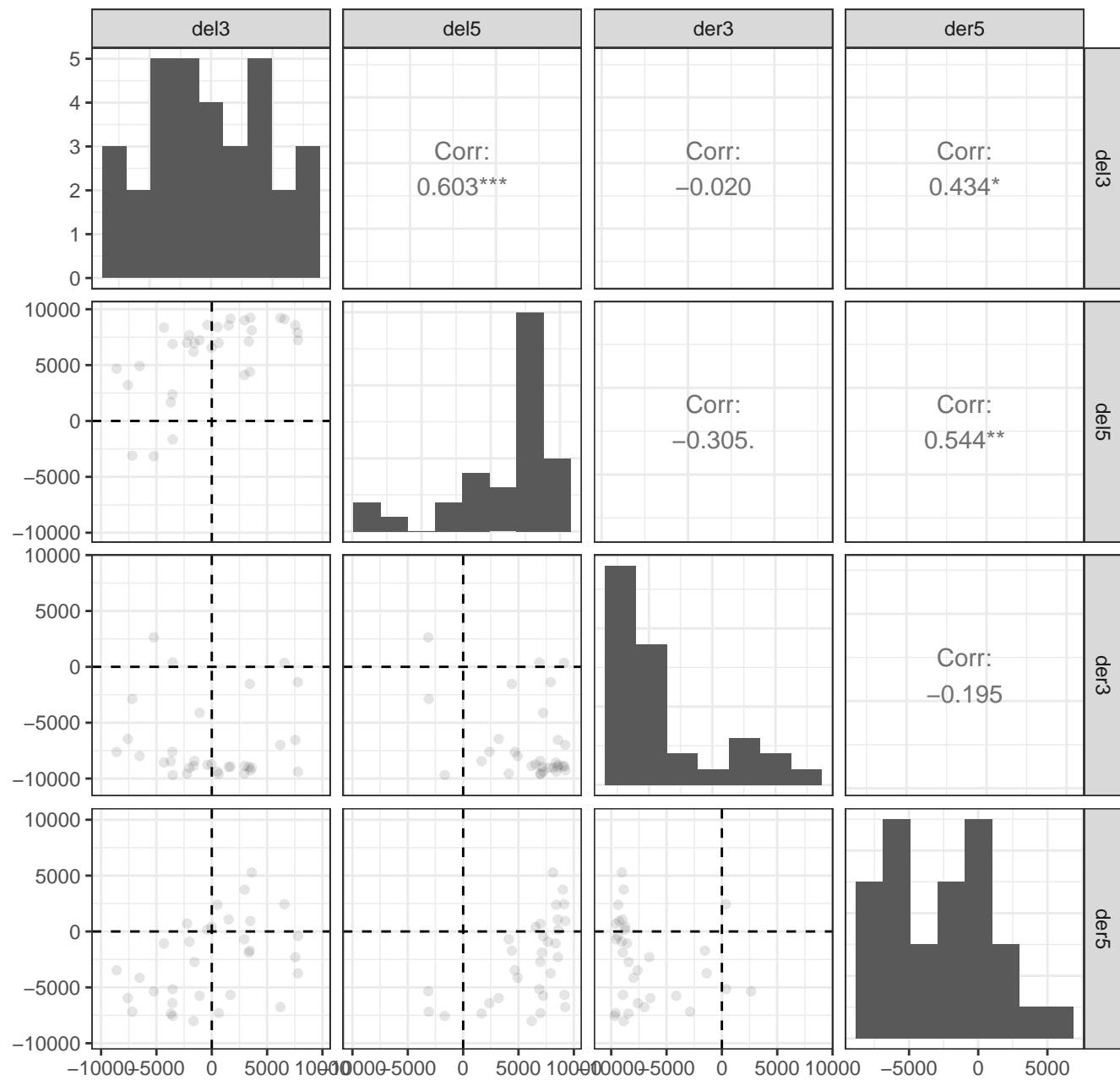




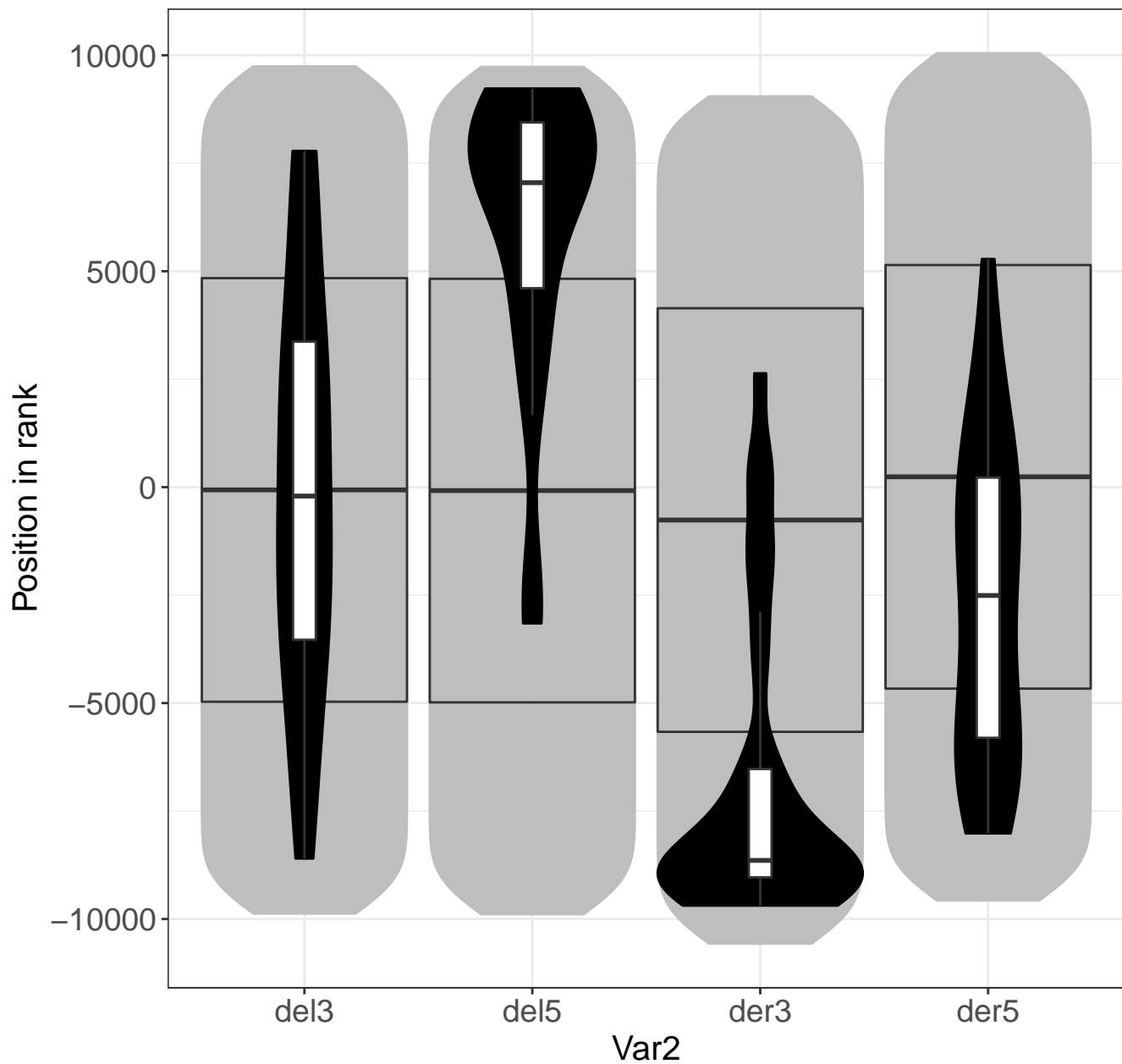
PS.lightreaction.photosystem.II.PSII.polypeptide.subunits



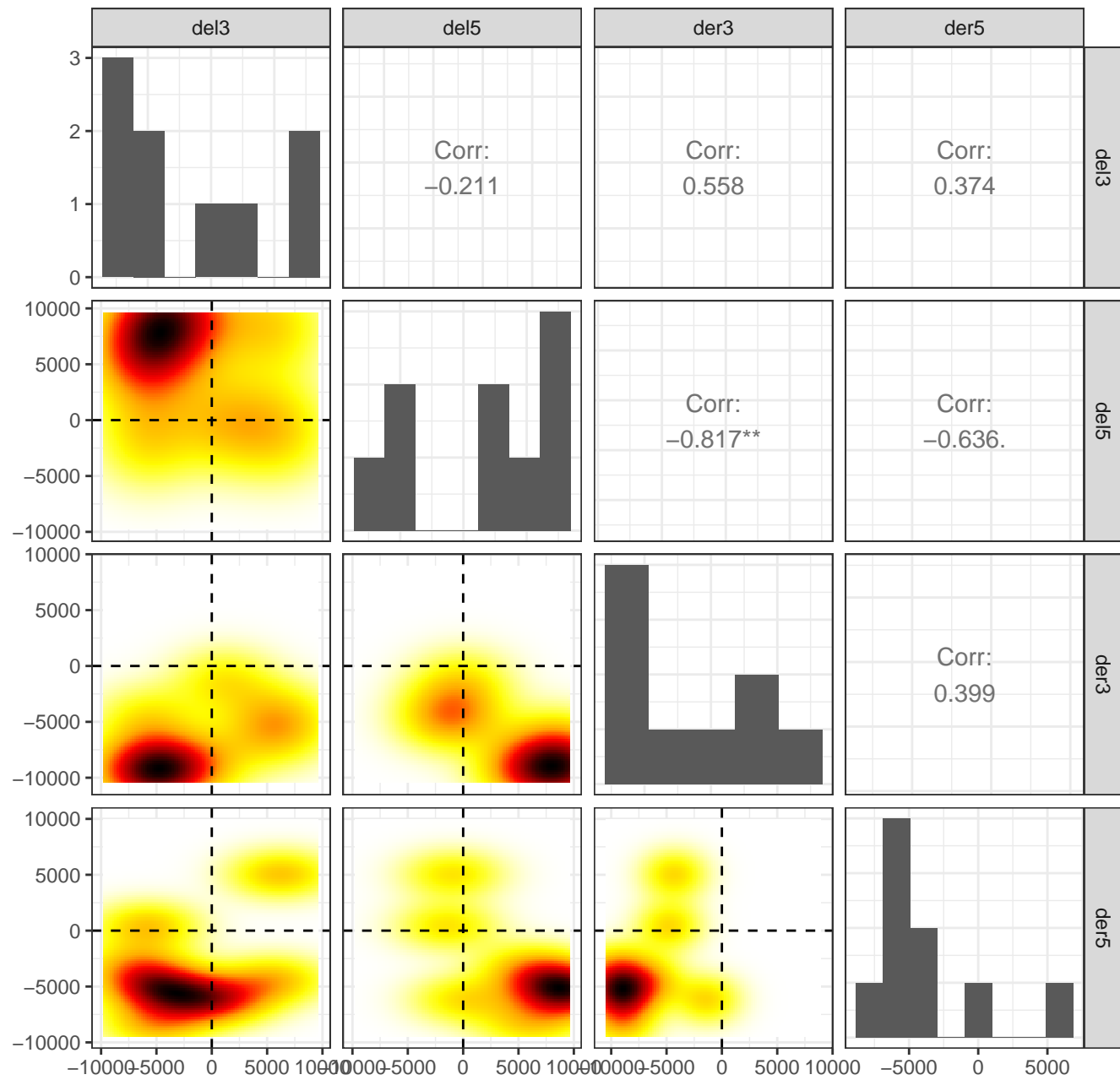
PS.lightreaction.photosystem.II.PSII.polypeptide.subunits



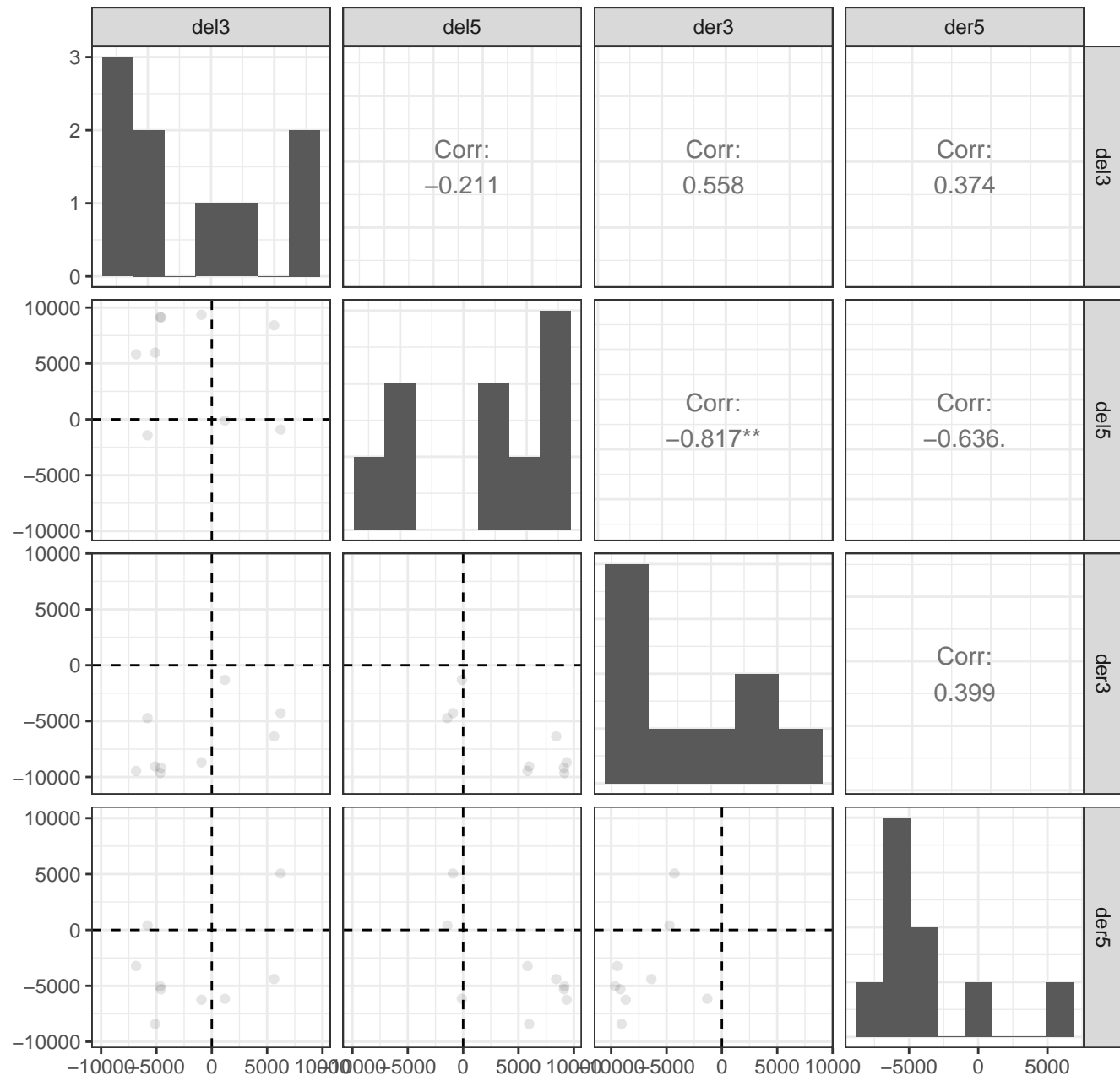
# PS.lightreaction.photosystem.II.PSII.polypeptide.



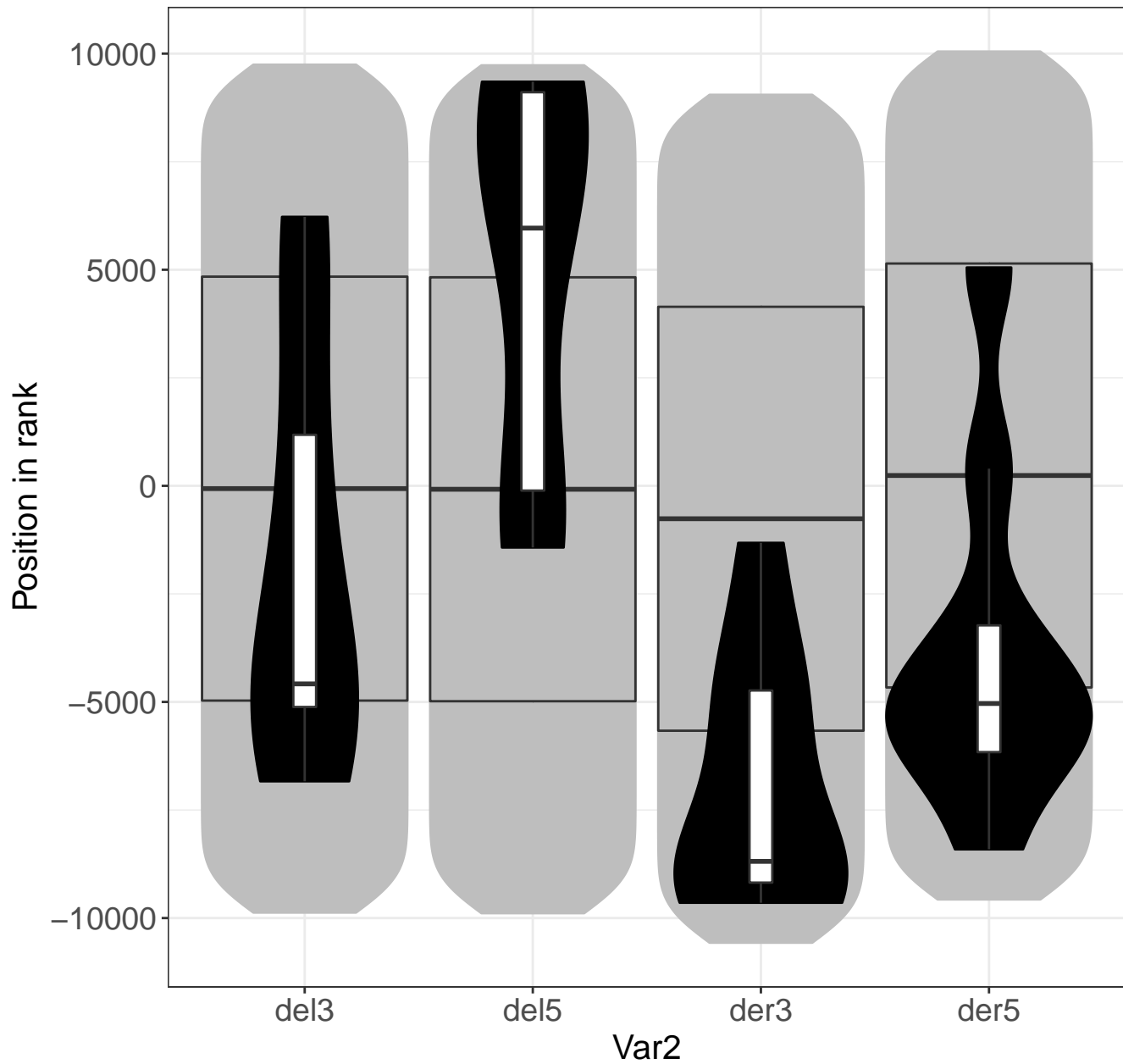
# PS.lightreaction.NADH.DH



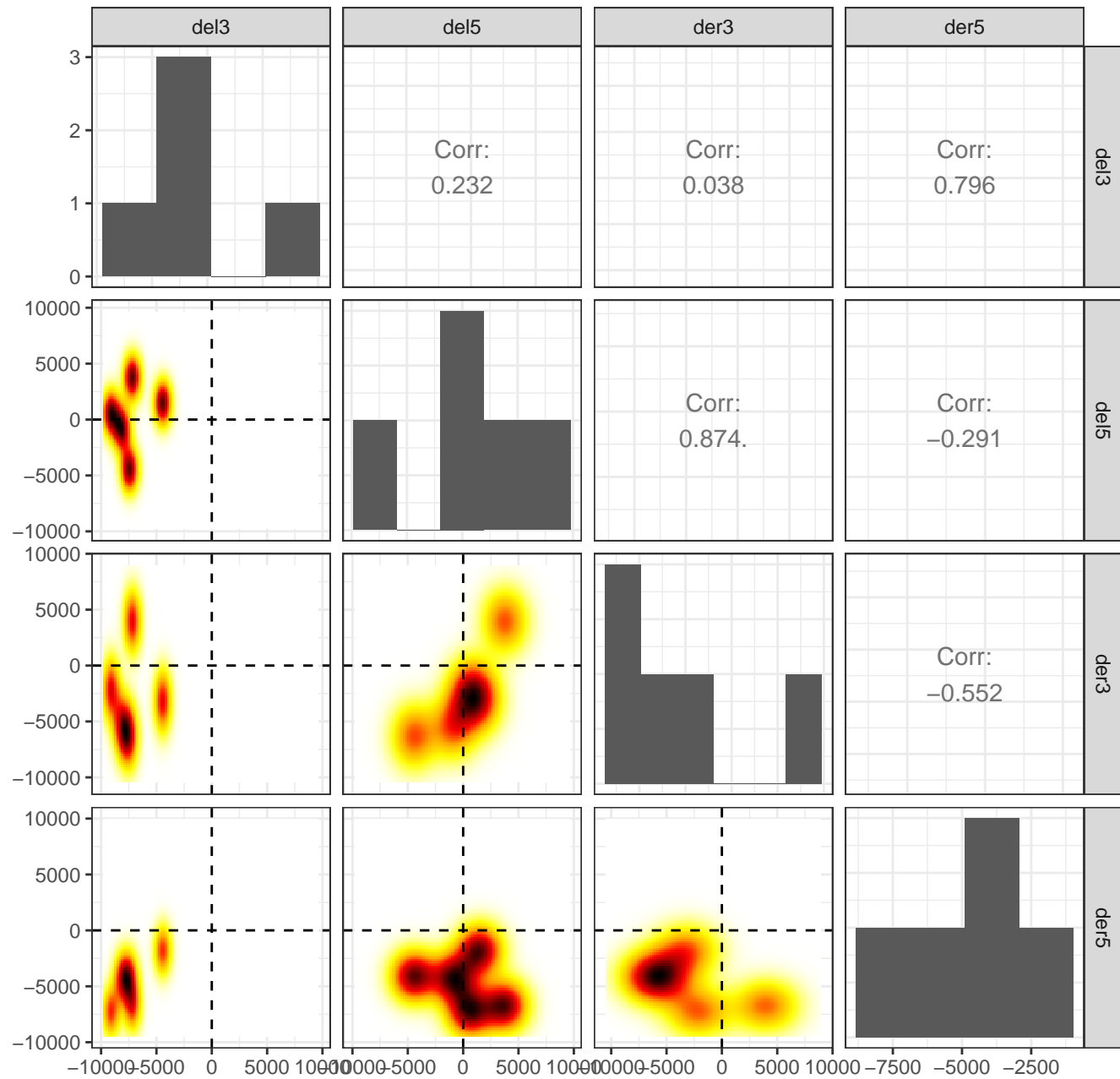
# PS.lightreaction.NADH.DH



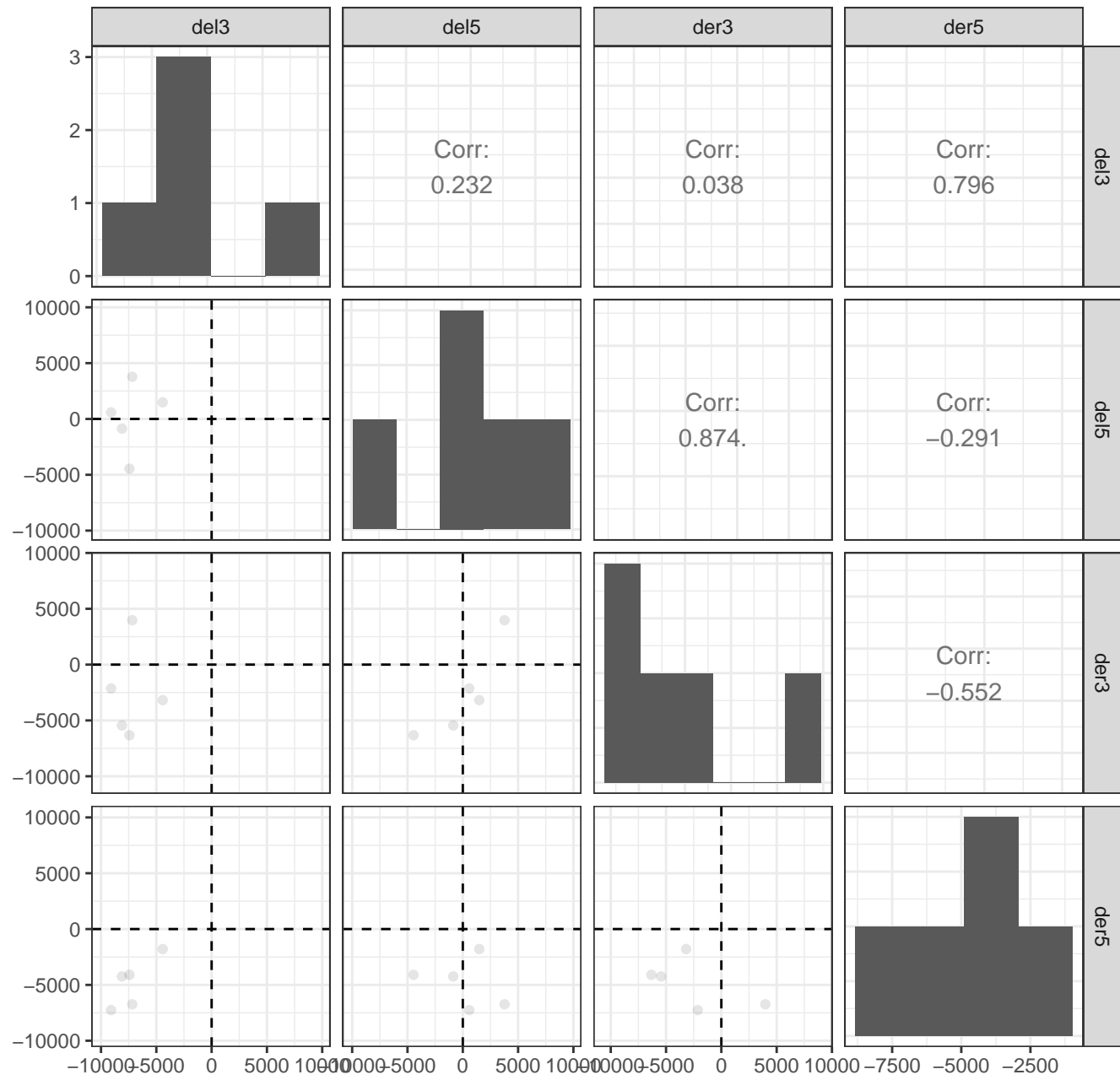
# PS.lightreaction.NADH.DH



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

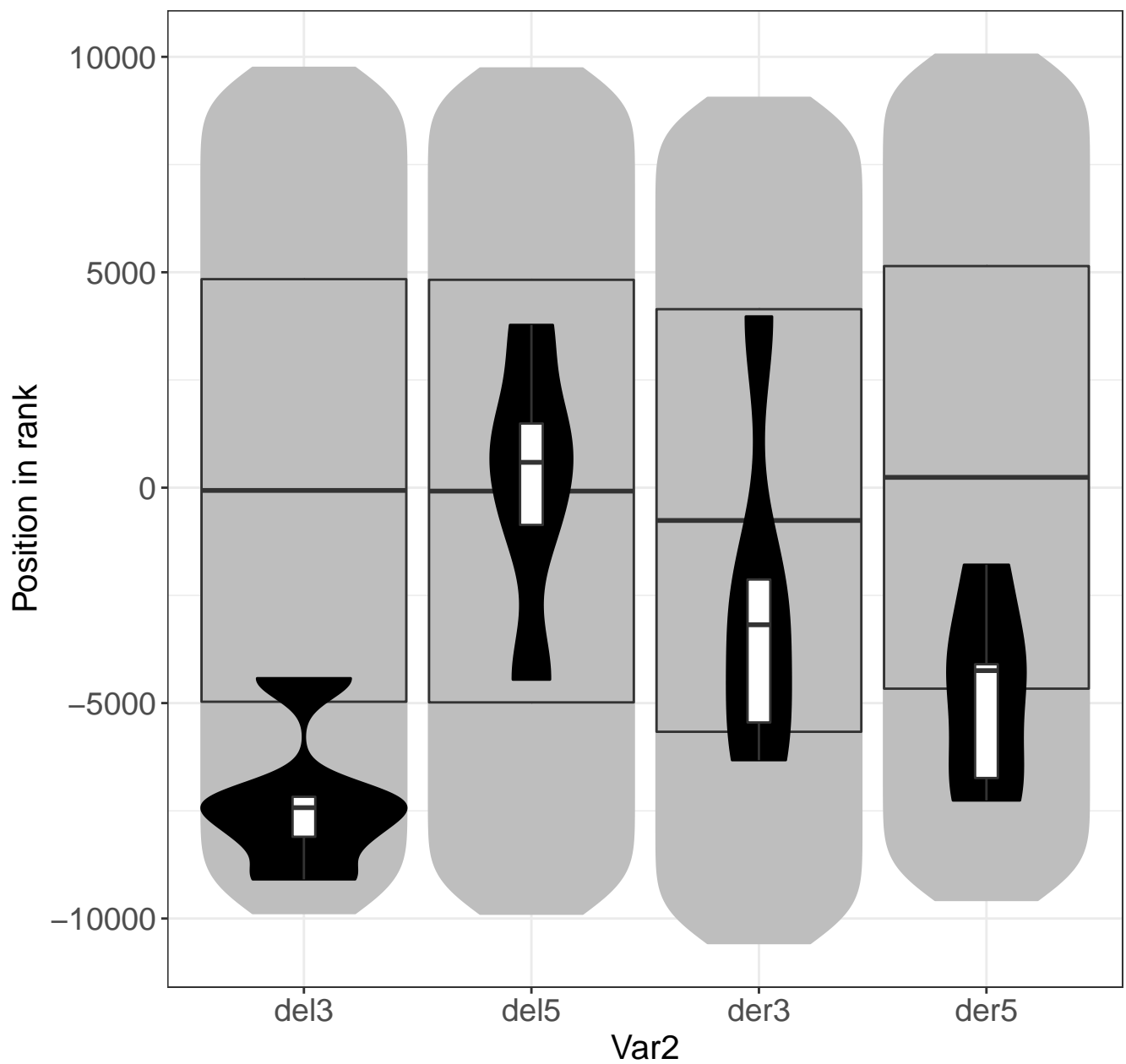


protein.synthesis.ribosomal.protein.eukaryotic.40S.subunit.S15A

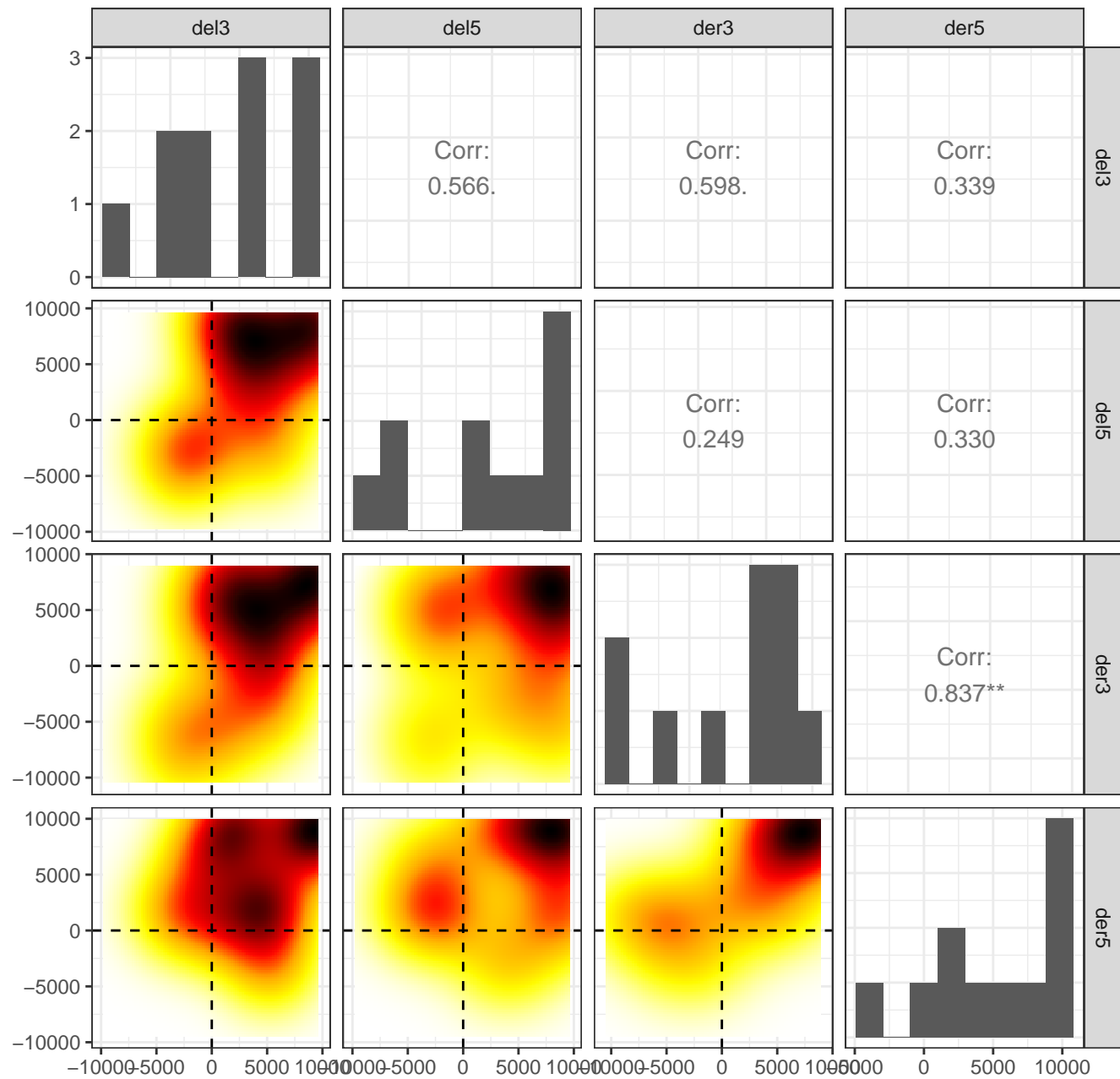




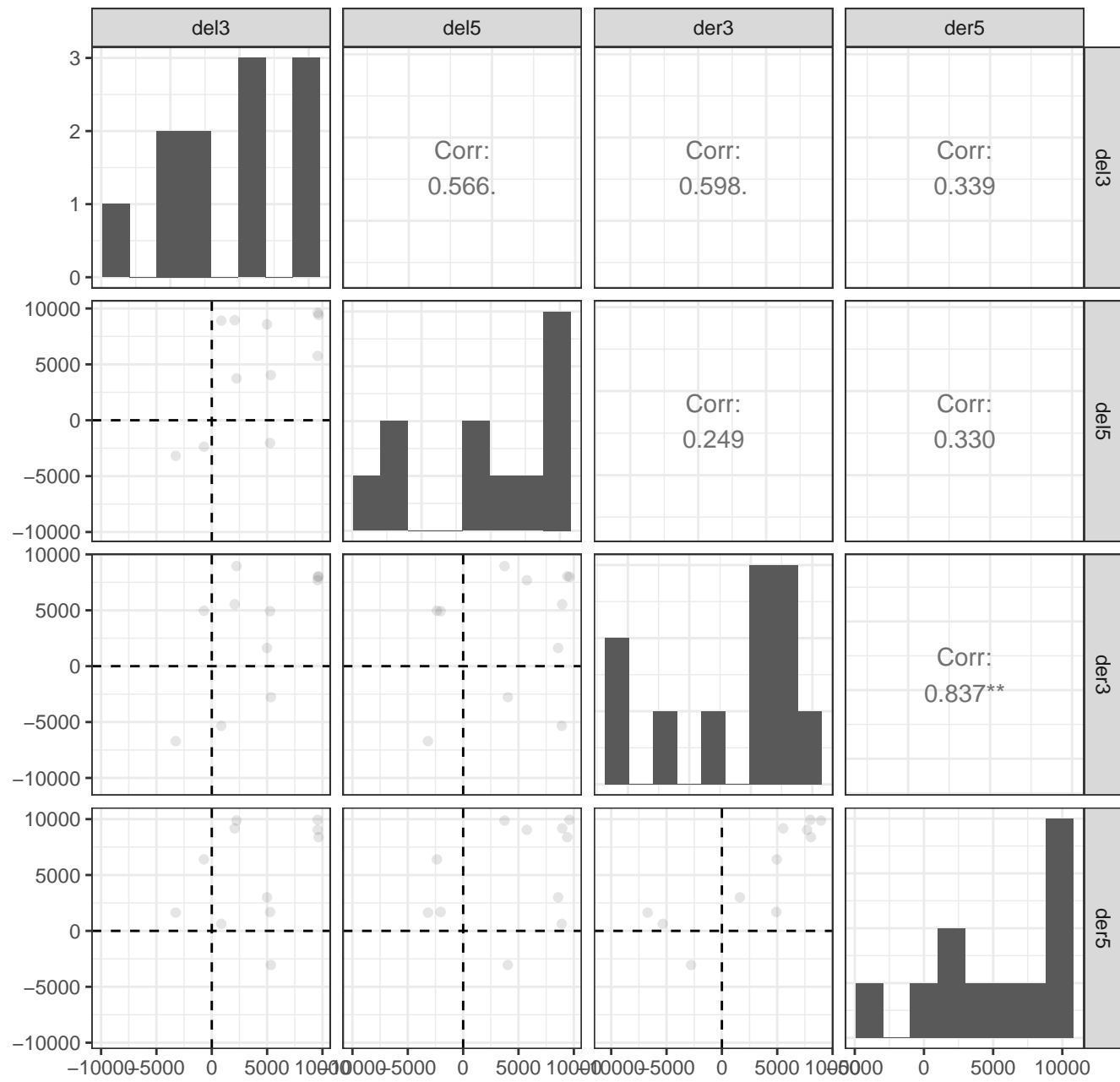
# protein.synthesis.ribosomal.protein.eukaryotic.40



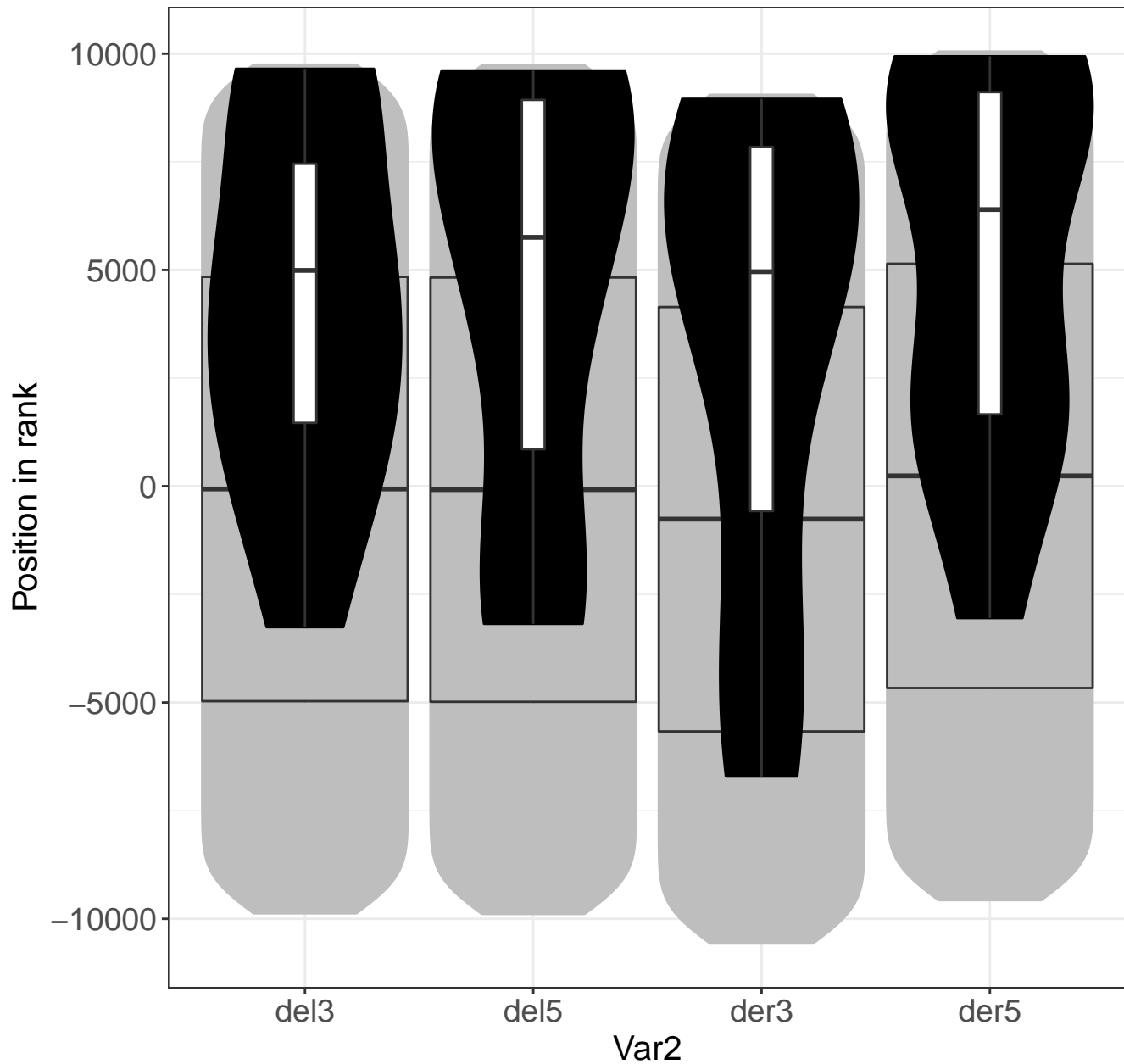
# cell.wall.pectin.esterases.acetyl.esterase



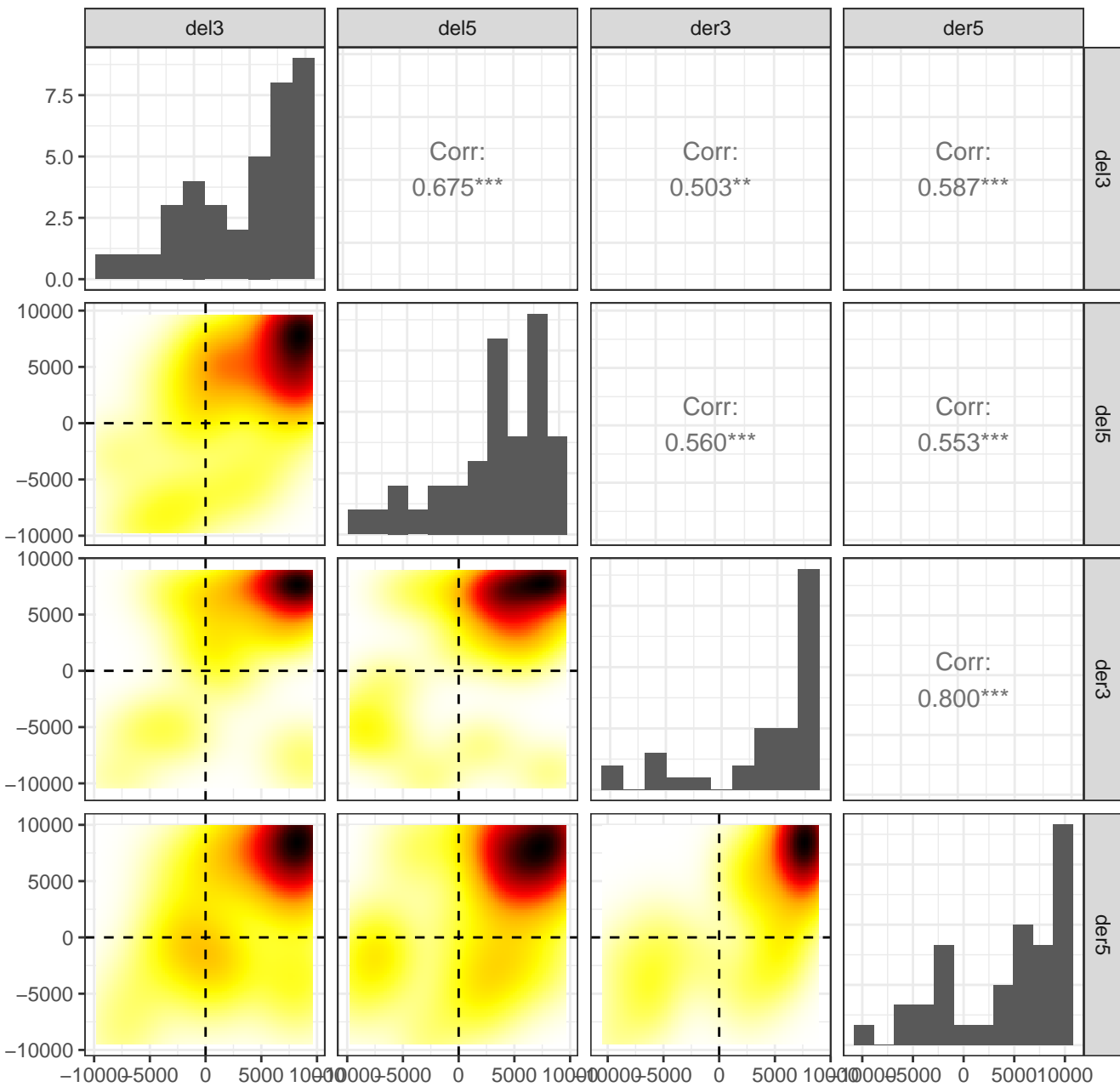
# cell.wall.pectin.esterases.acetyl.esterase



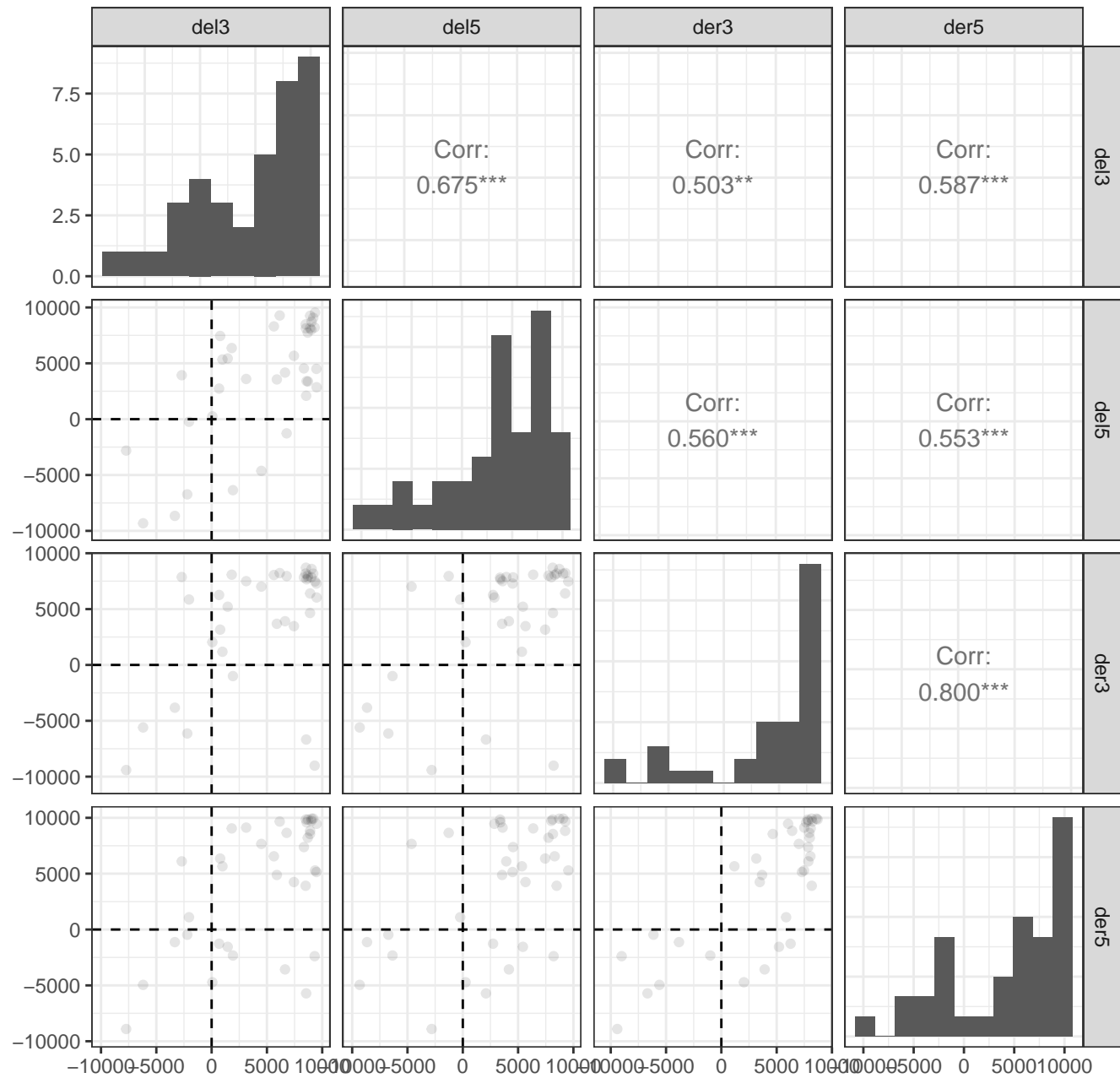
# cell.wall.pectin.esterases.acetyl.esterase



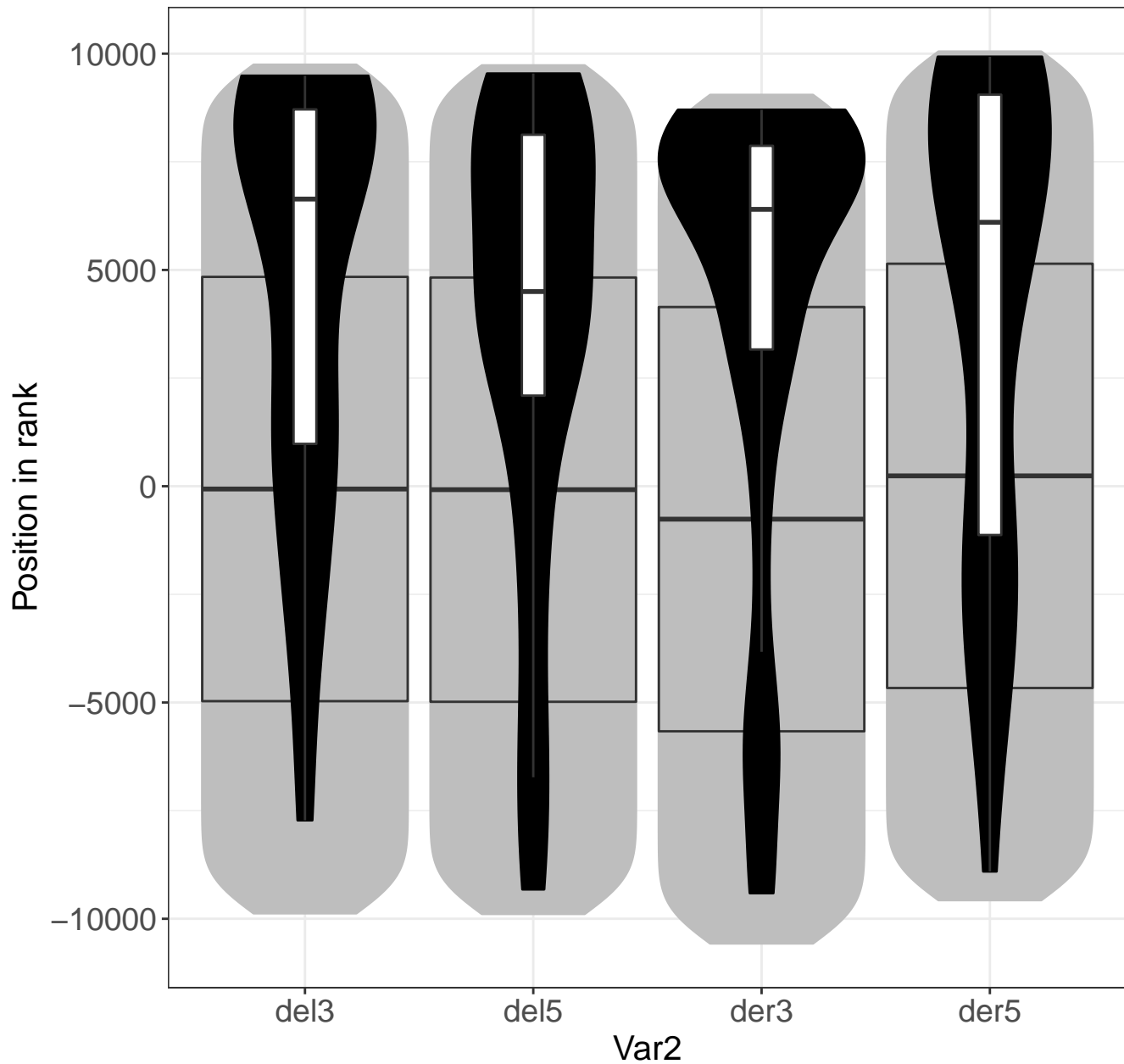
cell.wall.cell.wall.proteins.AGPs.AGP



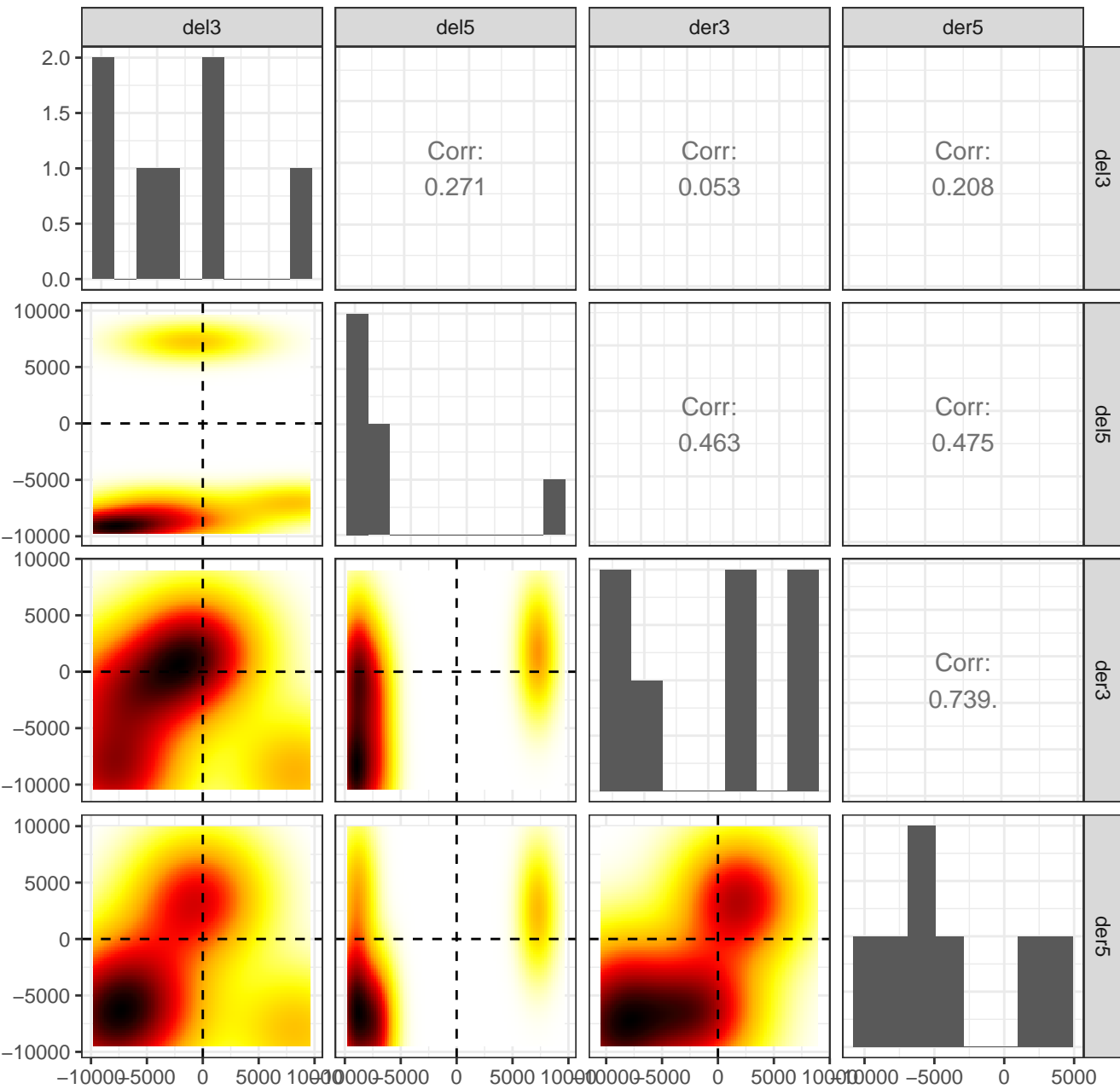
cell.wall.cell.wall.proteins.AGPs.AGP



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

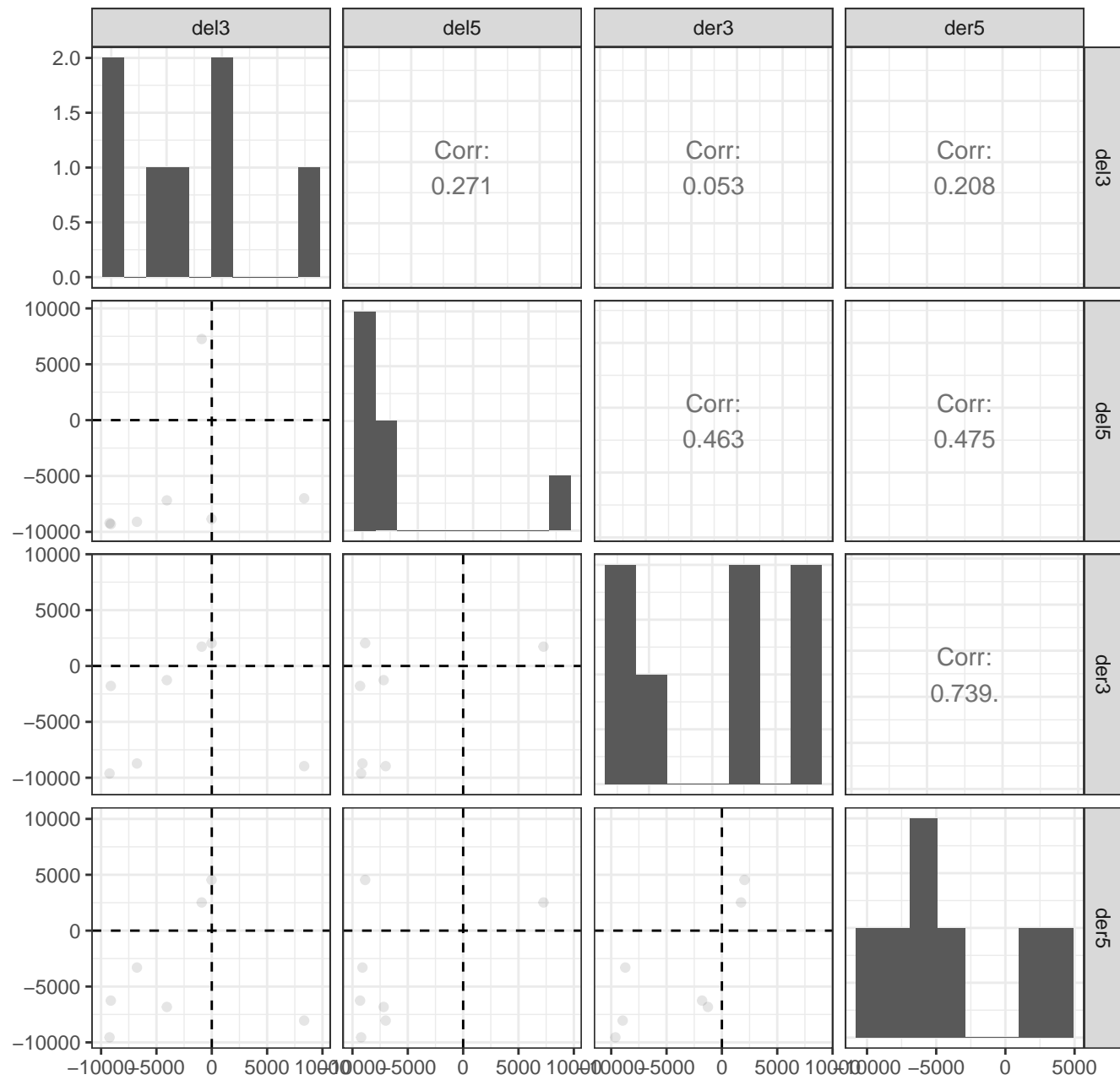


secondary.metabolism.flavonoids.isoflavones.isoflavone.reductase

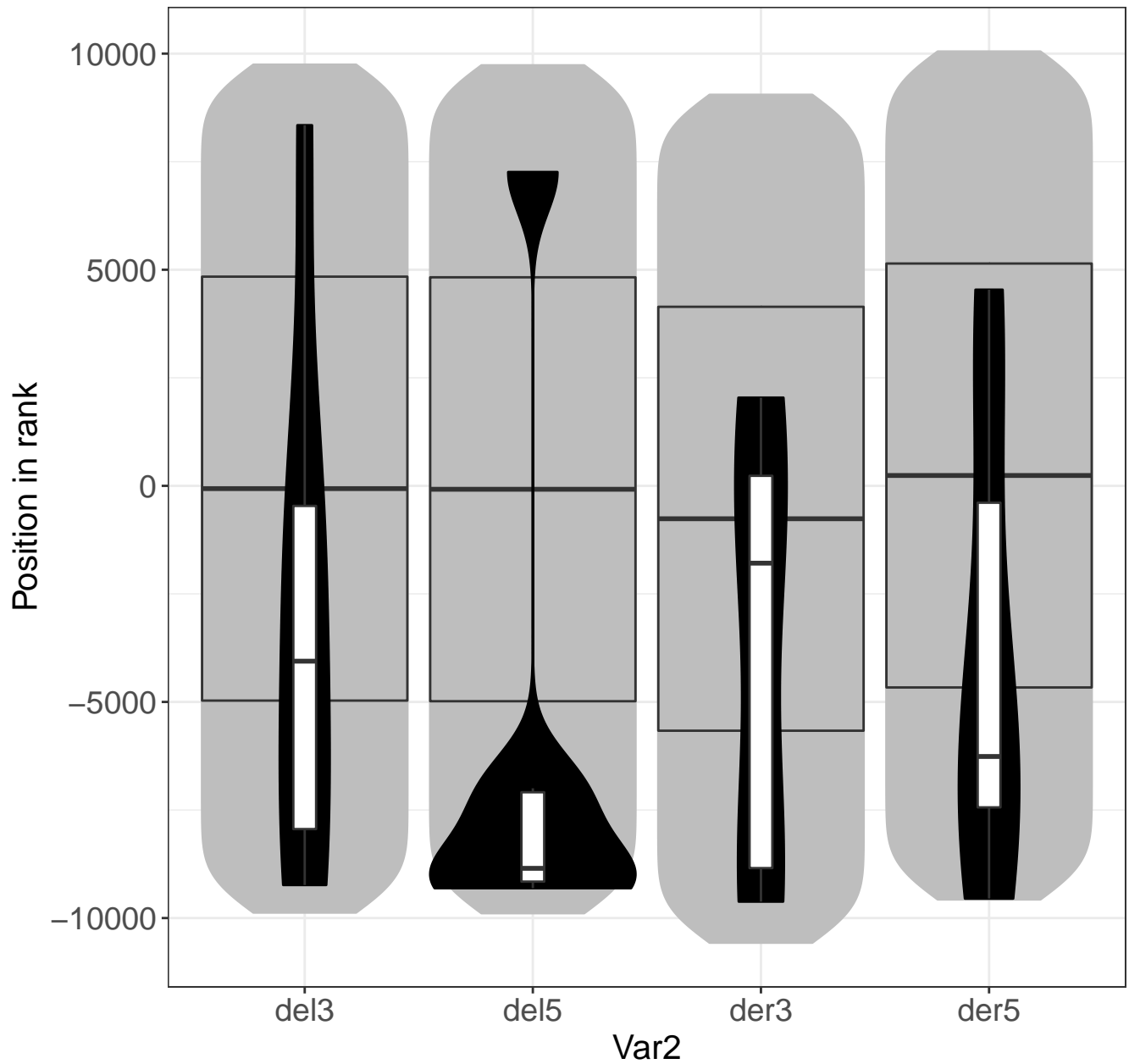




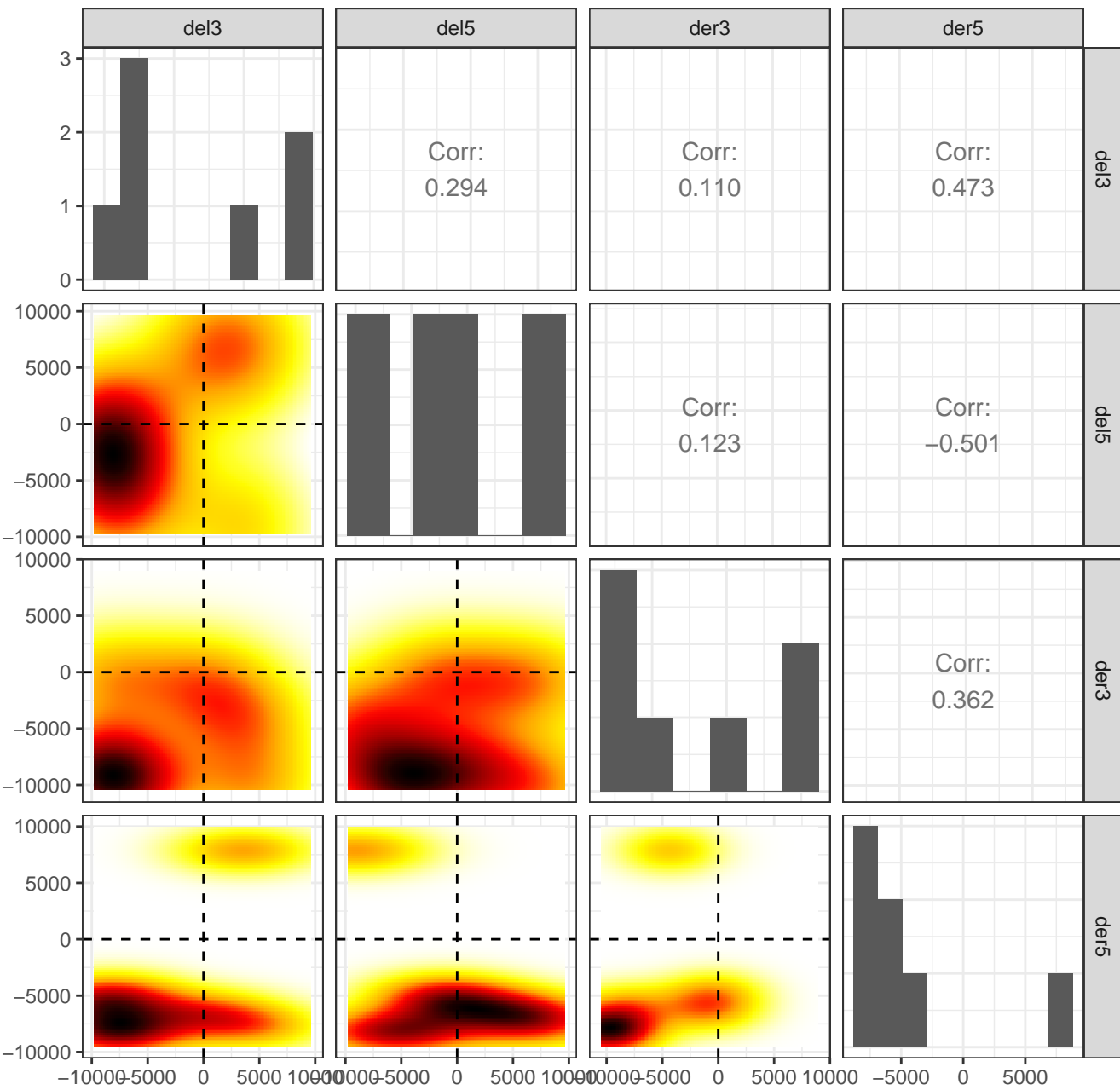
# secondary.metabolism.flavonoids.isoflavones.isoflavone.reductase



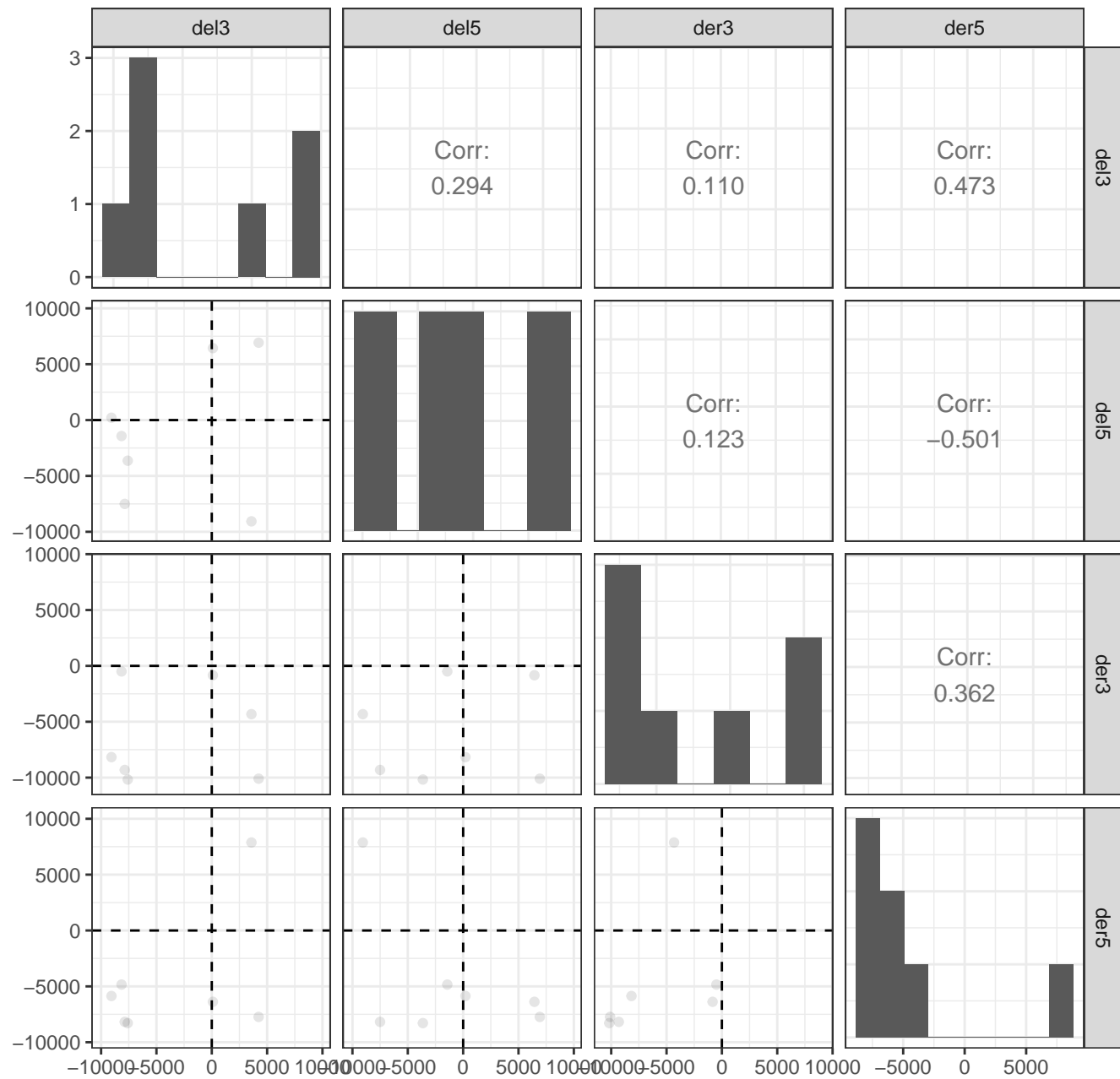
# secondary.metabolism.flavonoids.iso



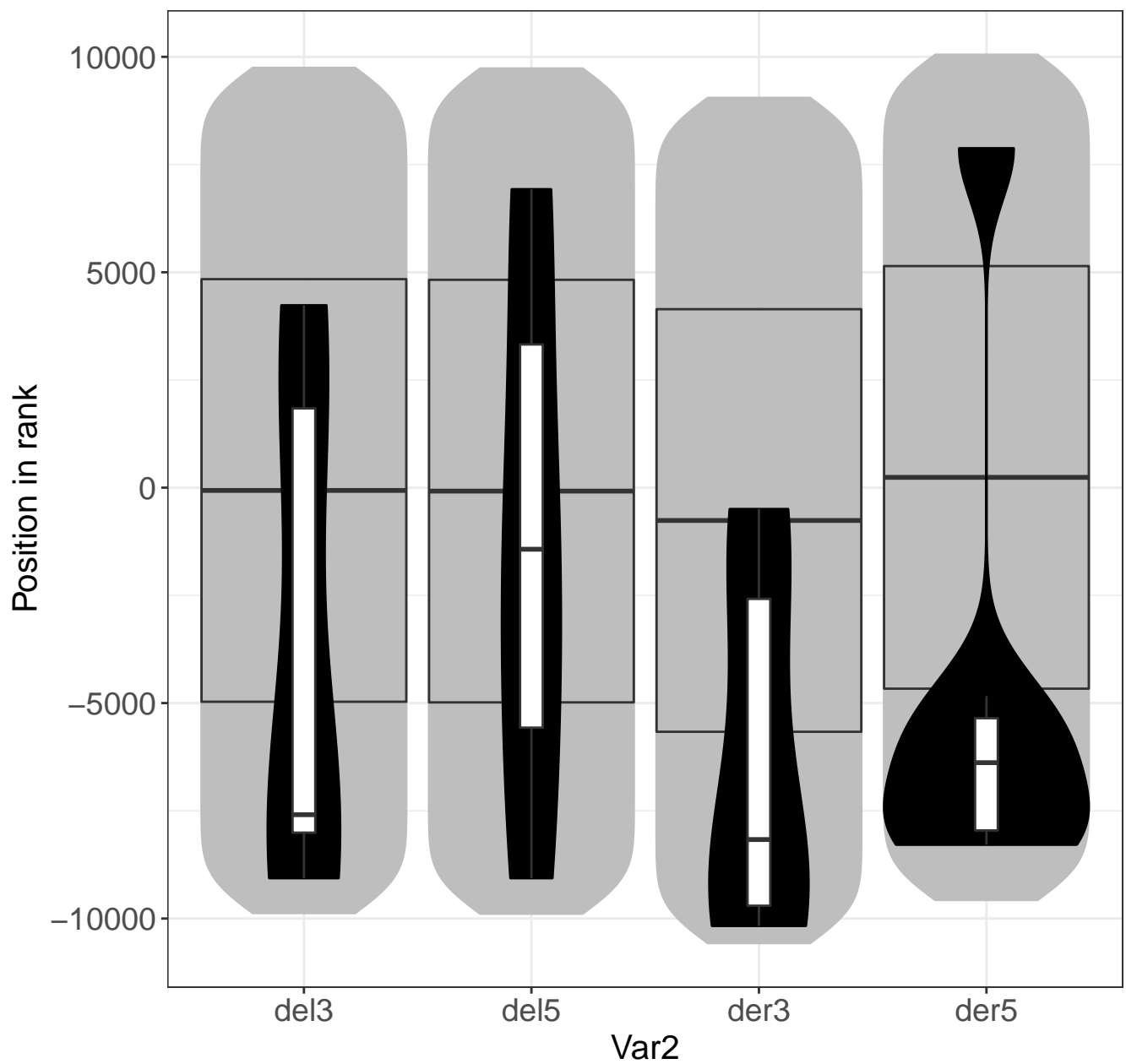
# hormone.metabolism.salicylic.acid.synthesis.degradation



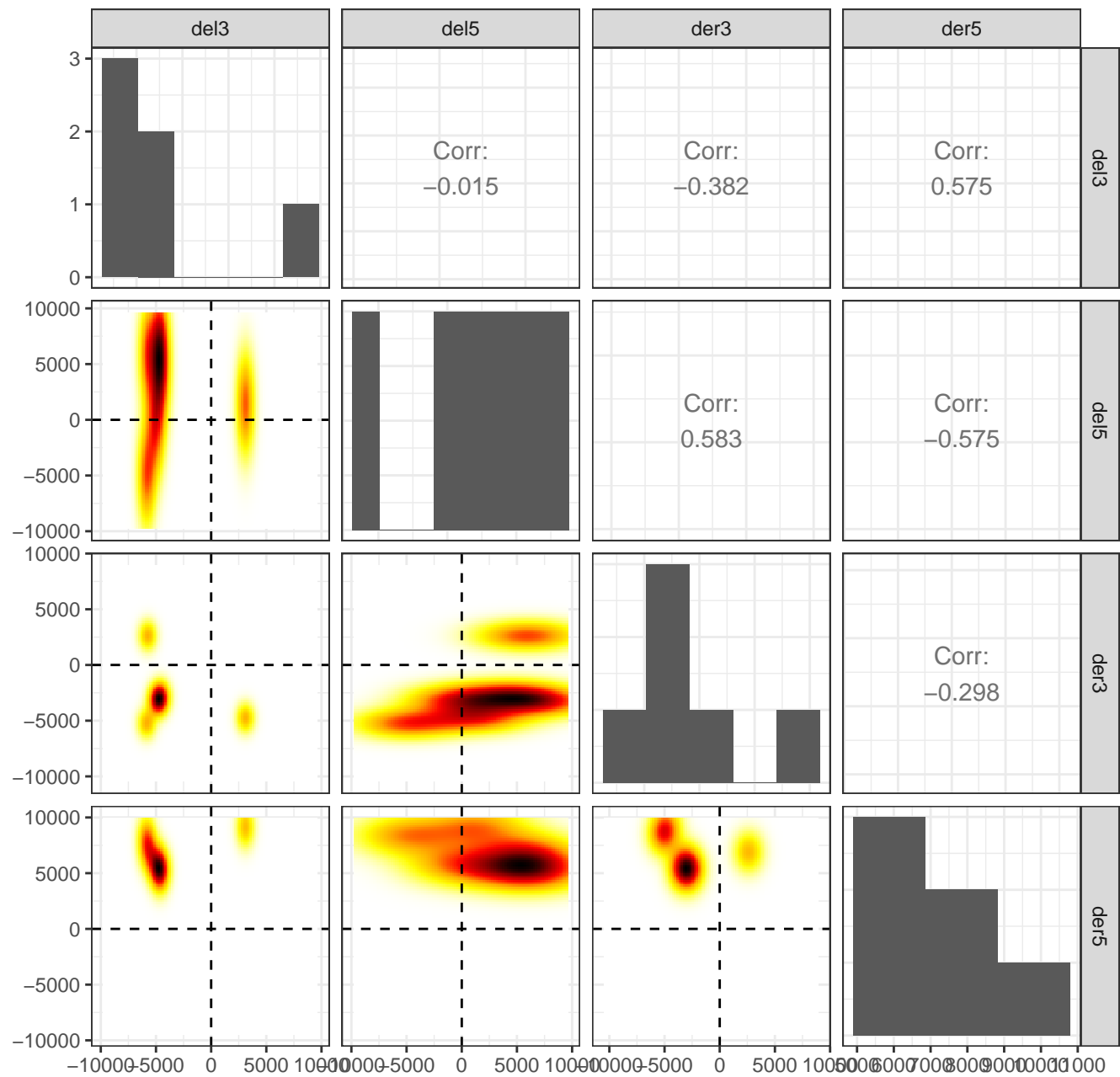
# hormone.metabolism.salicylic.acid.synthesis.degradation



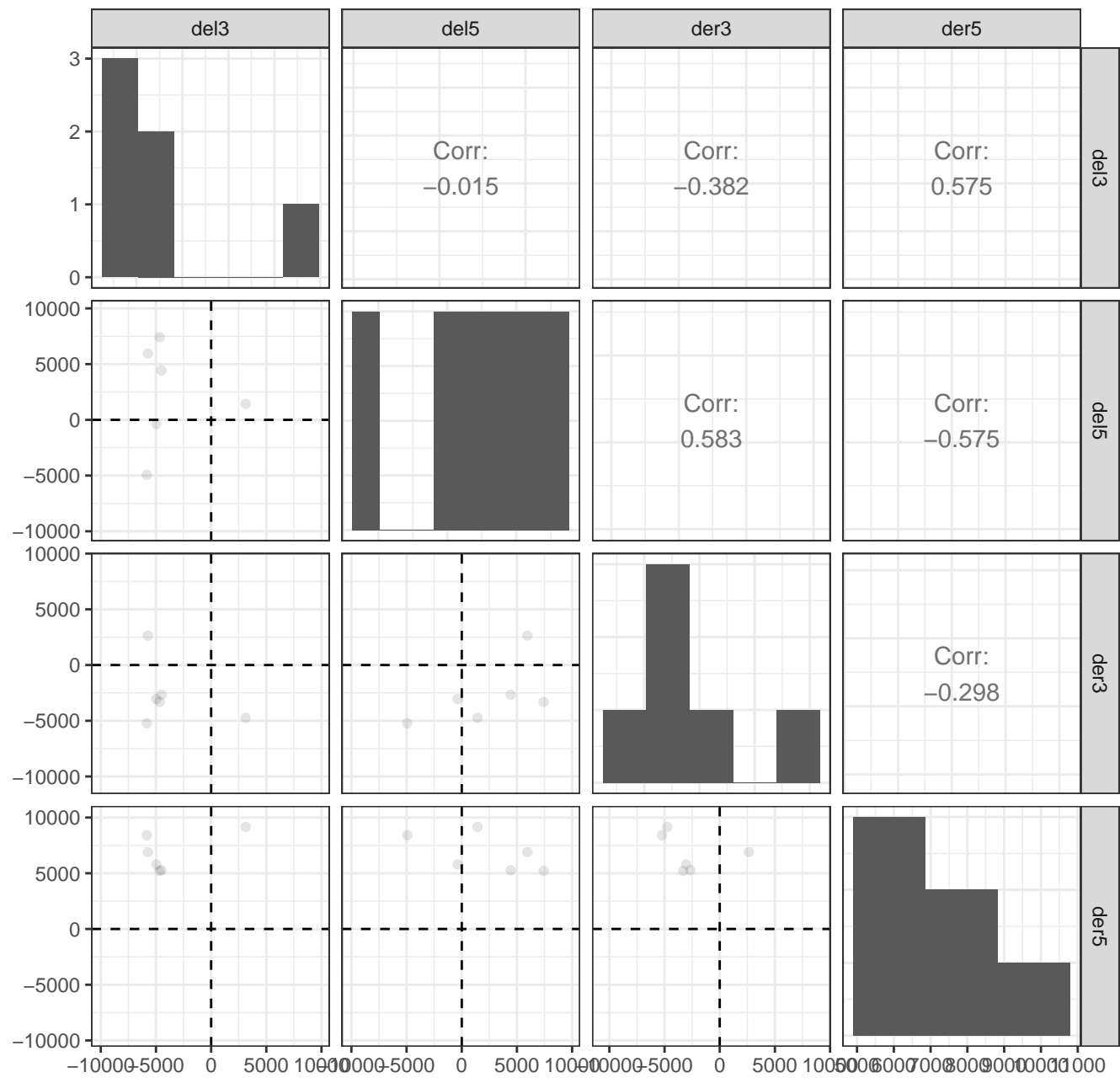
# hormone.metabolism.salicylic.acid.synthesis.deg



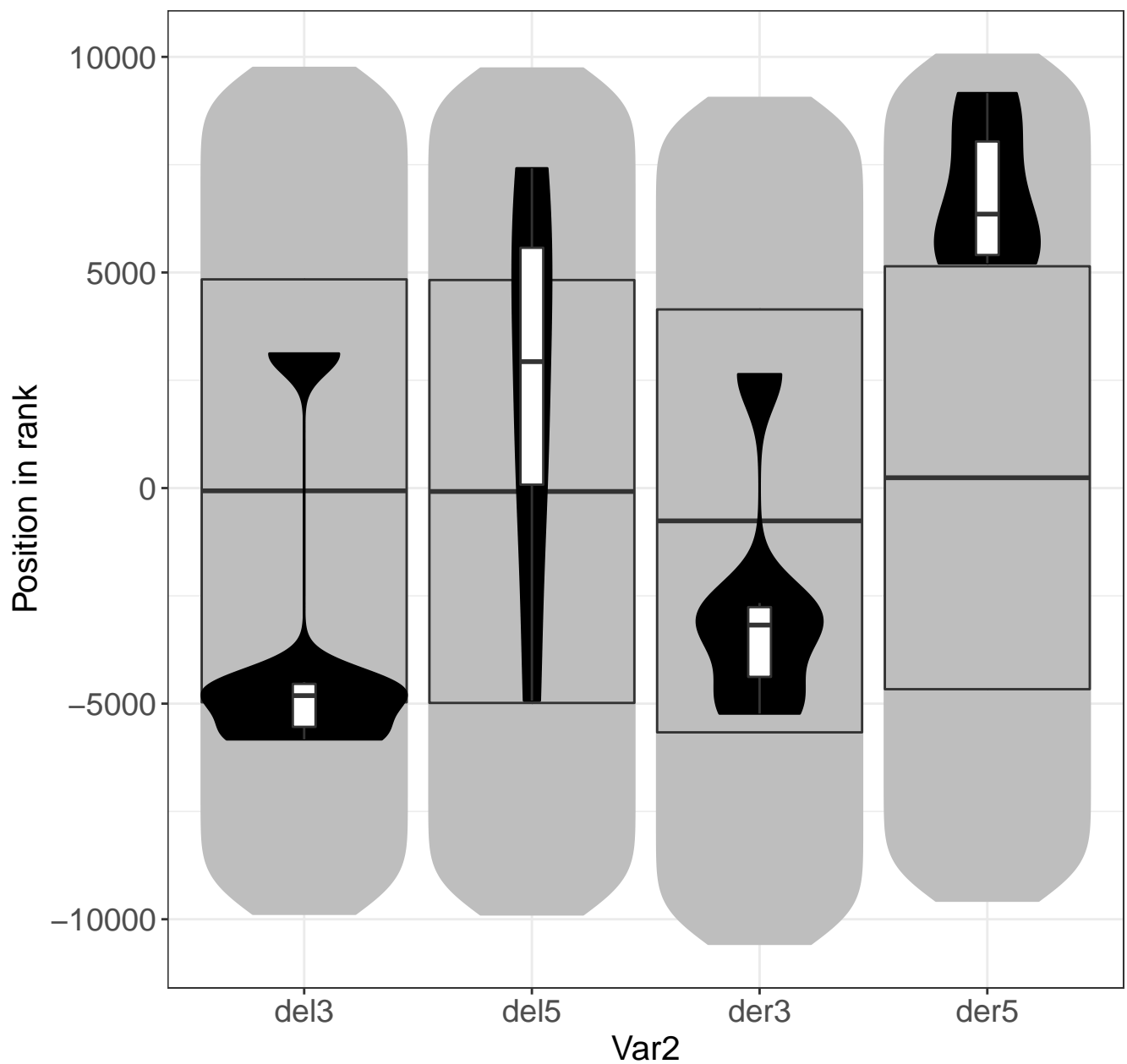
protein.synthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.W



protein.synthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.W

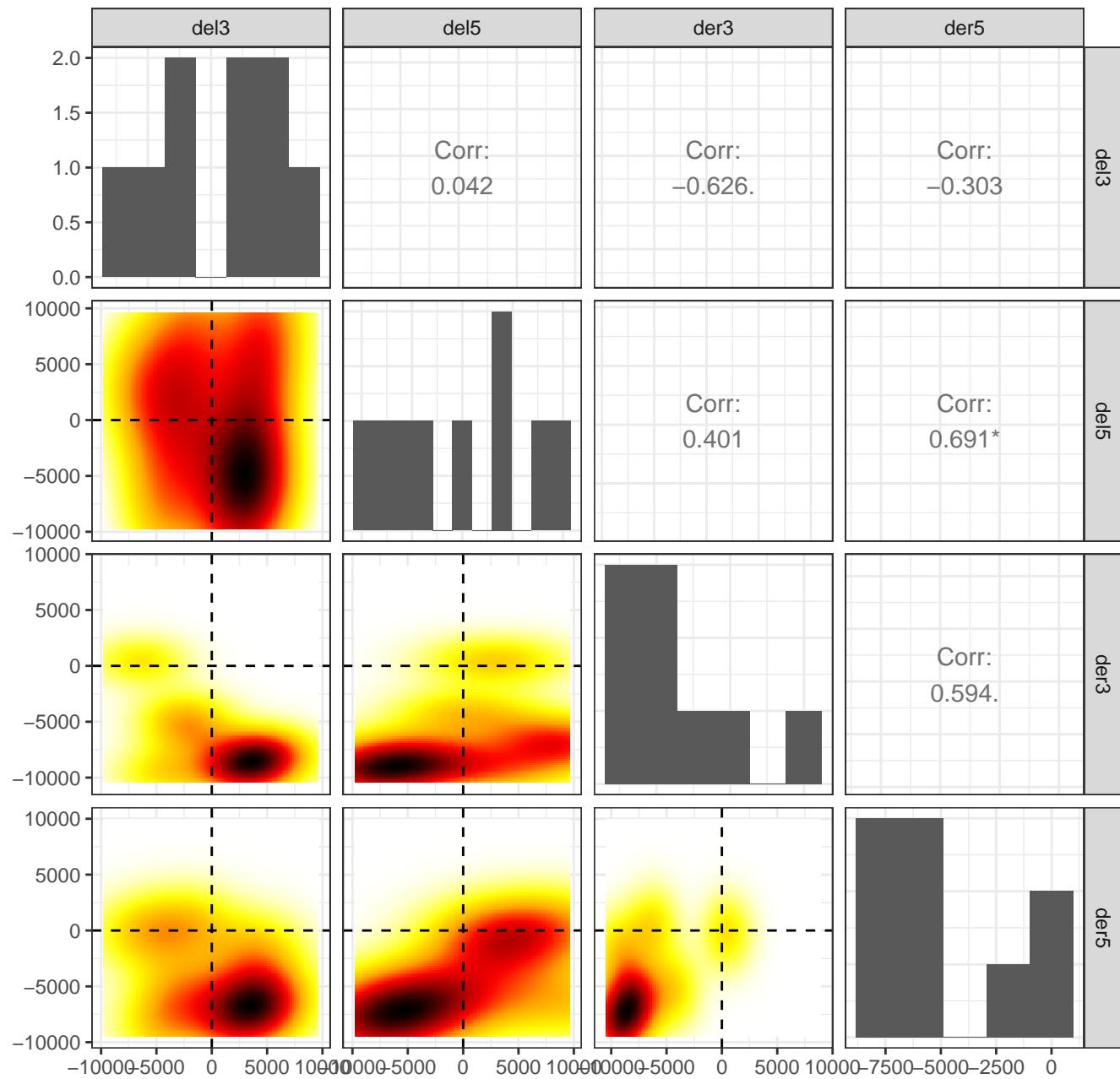


protein.synthesis.ribosome.biogenesis.Pre.rRNA

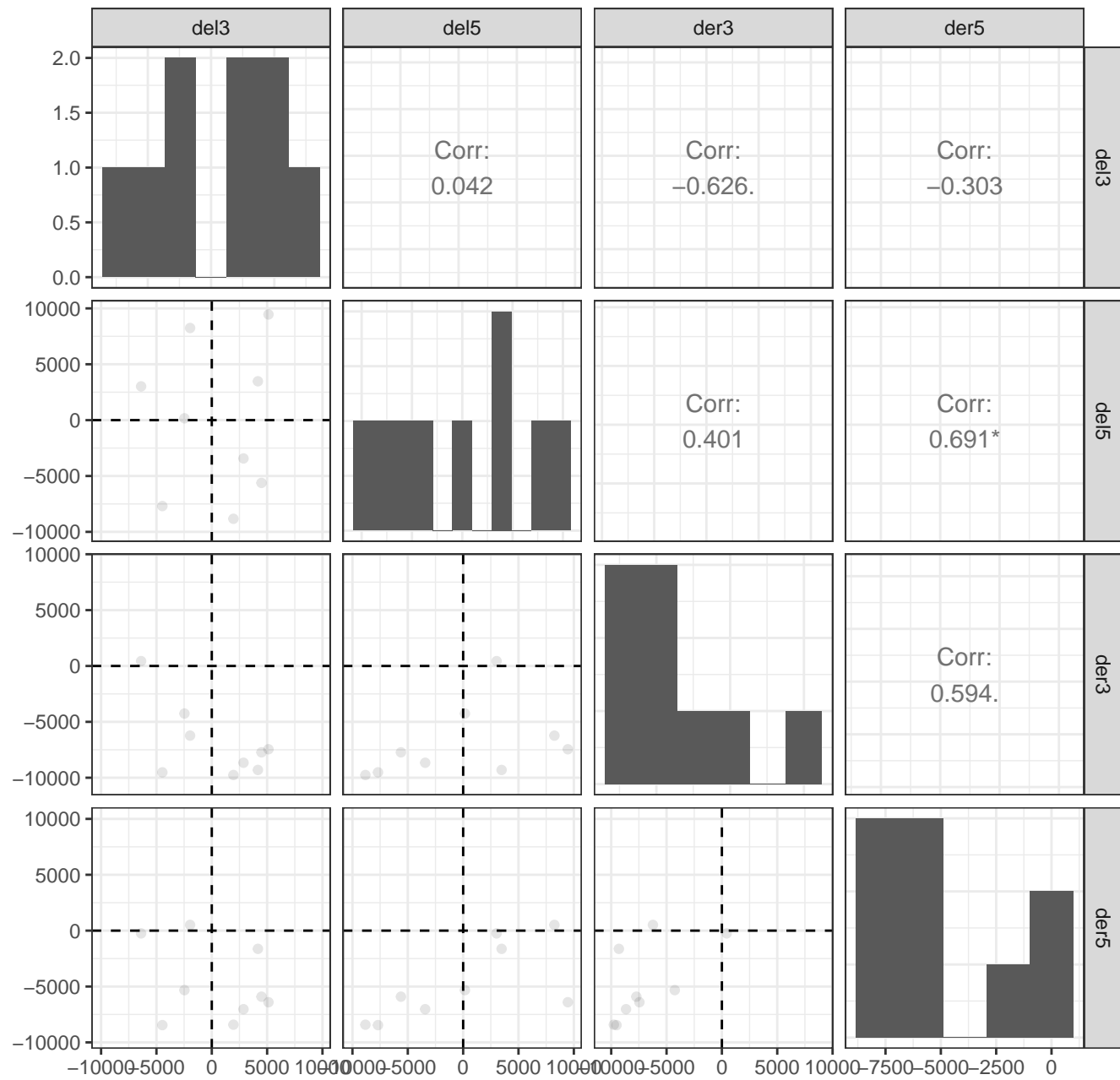




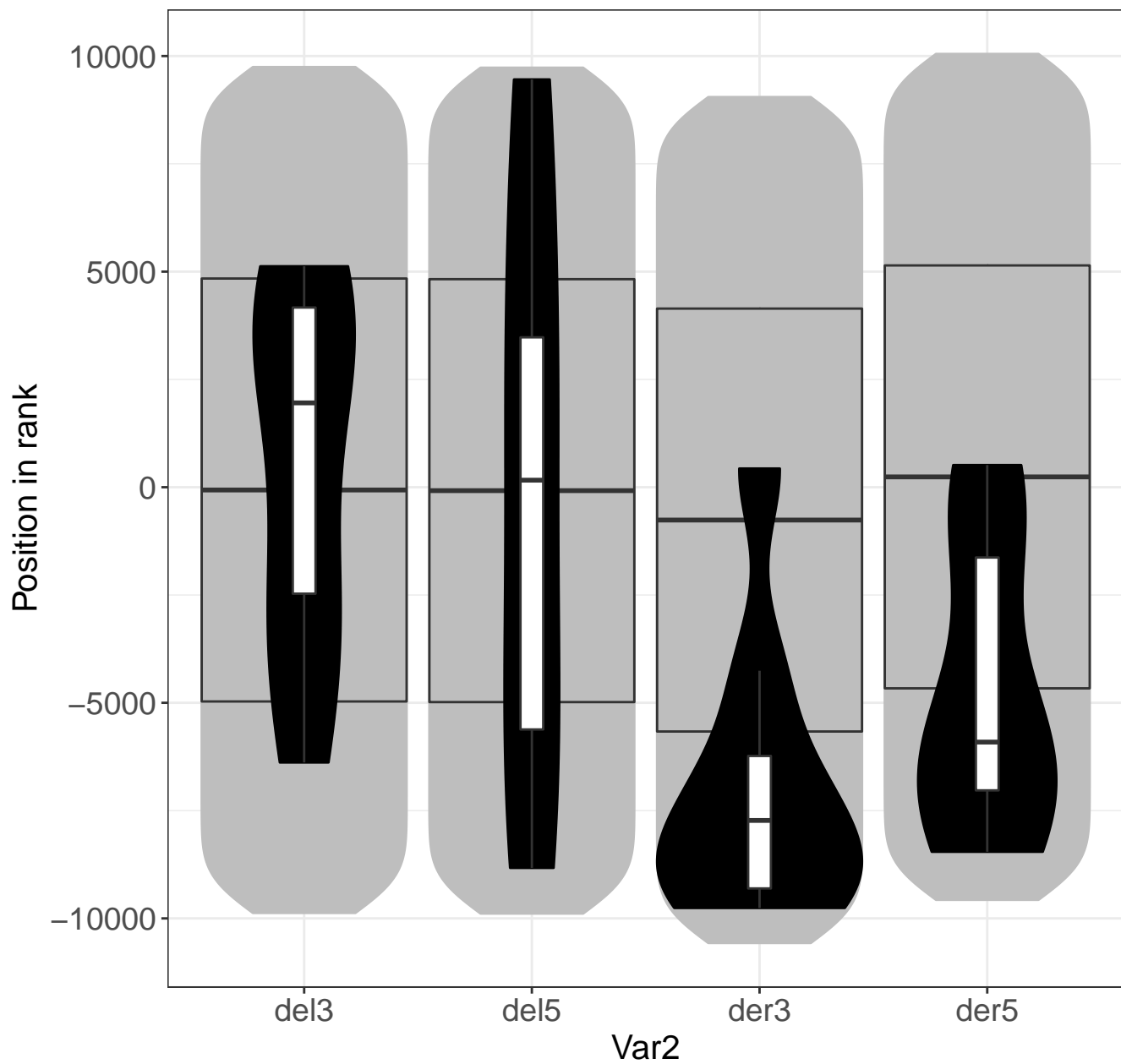
# PS.lightreaction.cyclic.electron.flow.chlororespiration



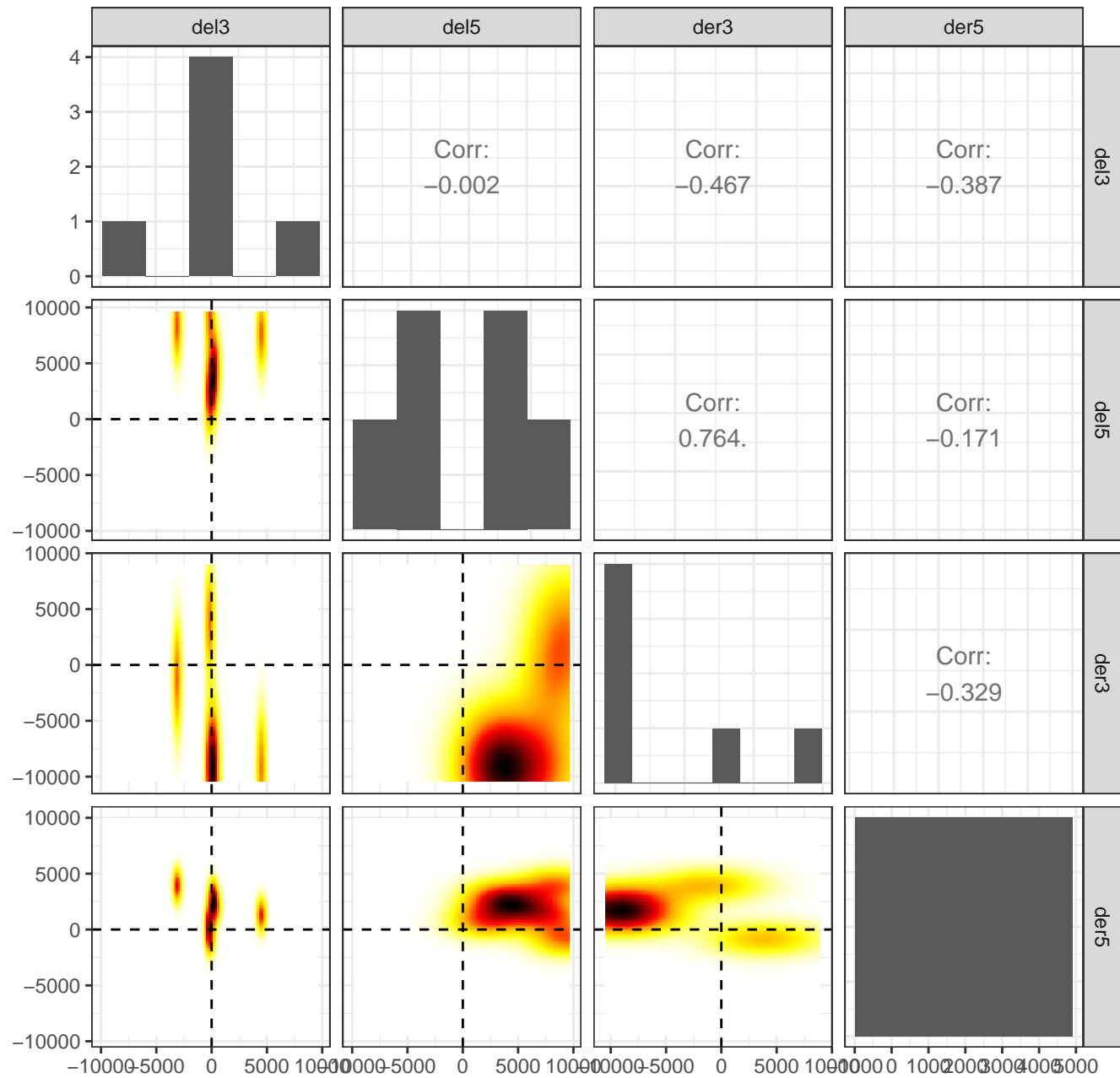
# PS.lightreaction.cyclic.electron.flow.chlororespiration



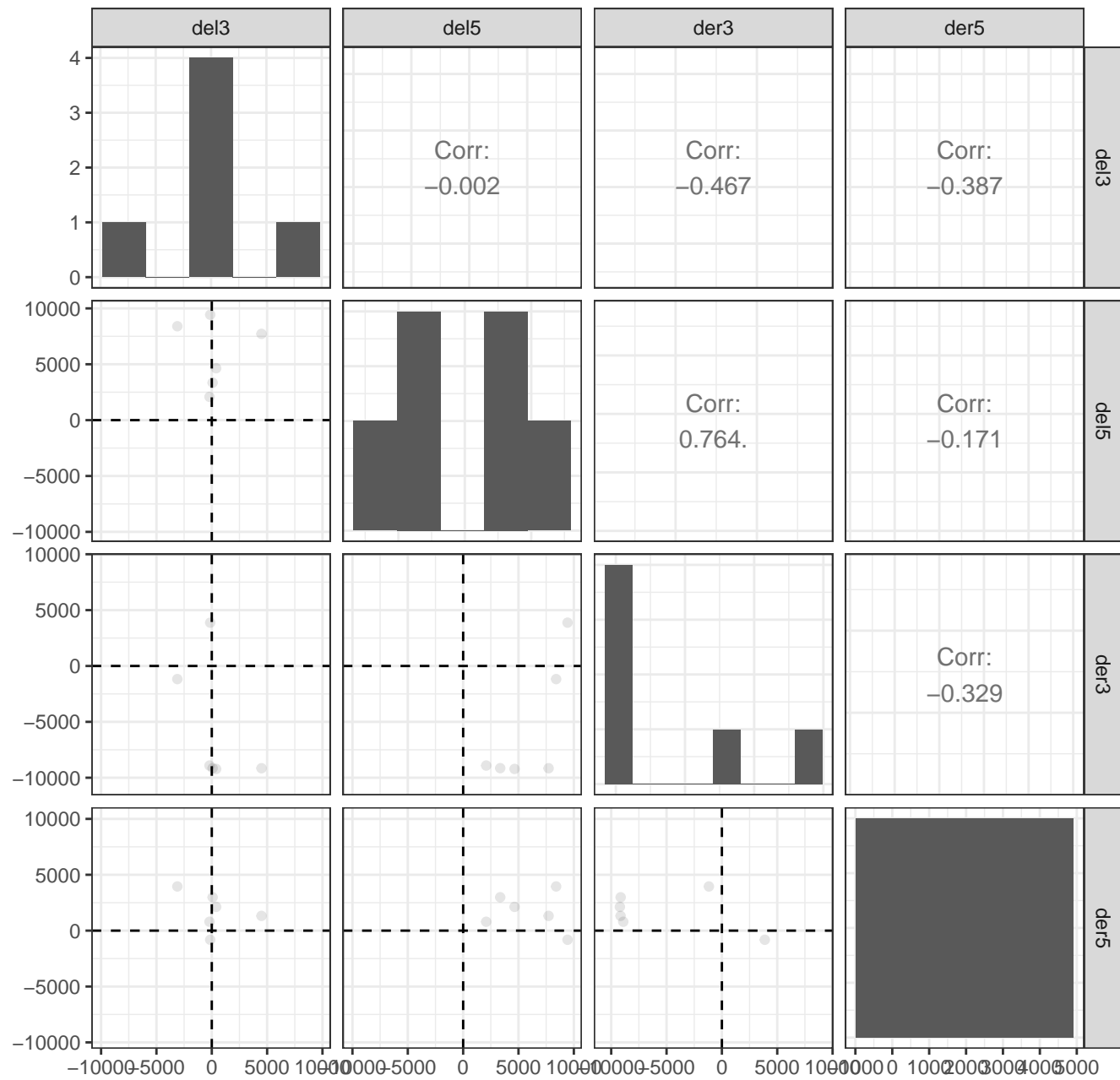
# PS.lightreaction.cyclic.electron.flow.chlororespira



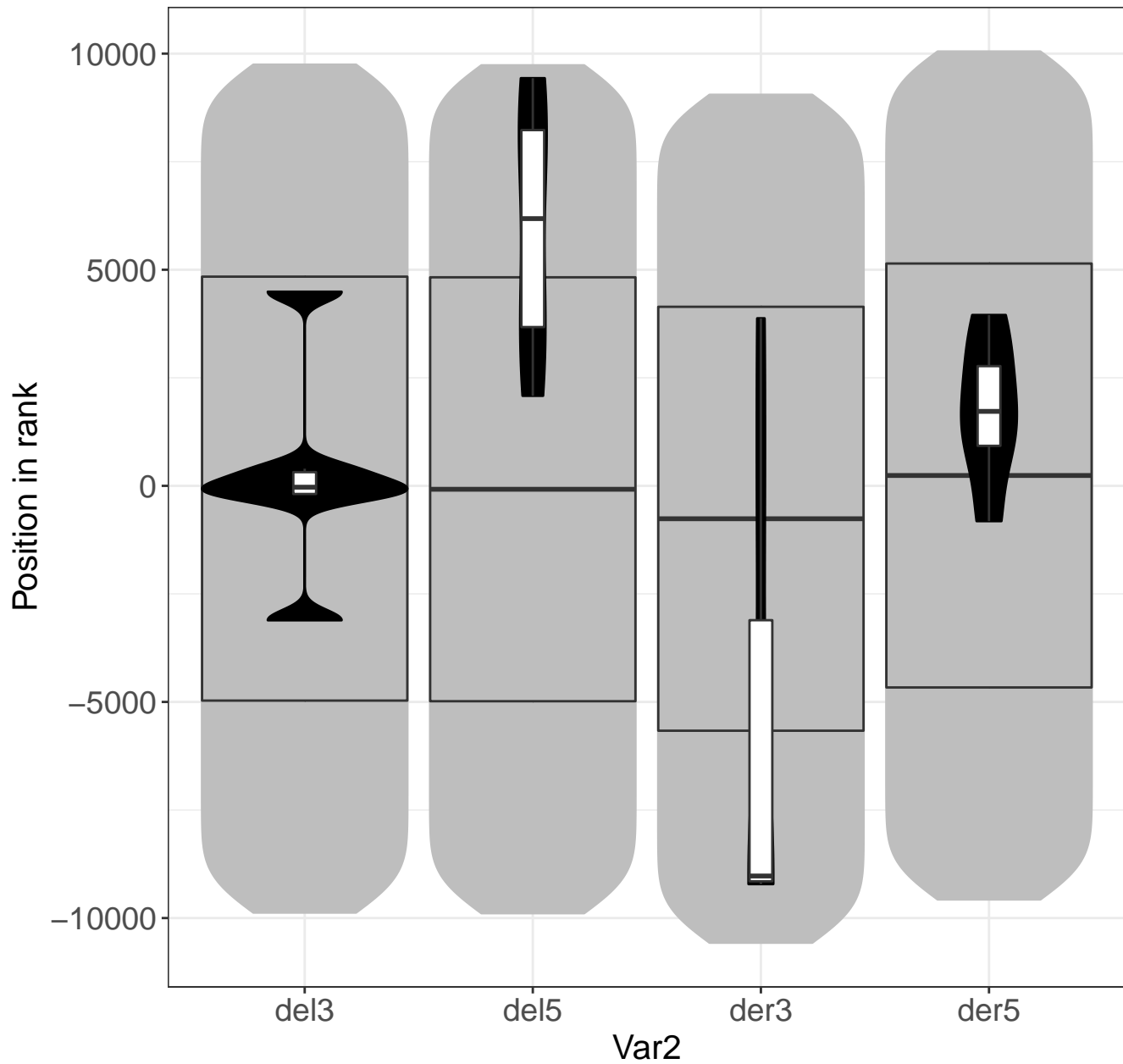
# PS.lightreaction.photosystem.I.LHC.I



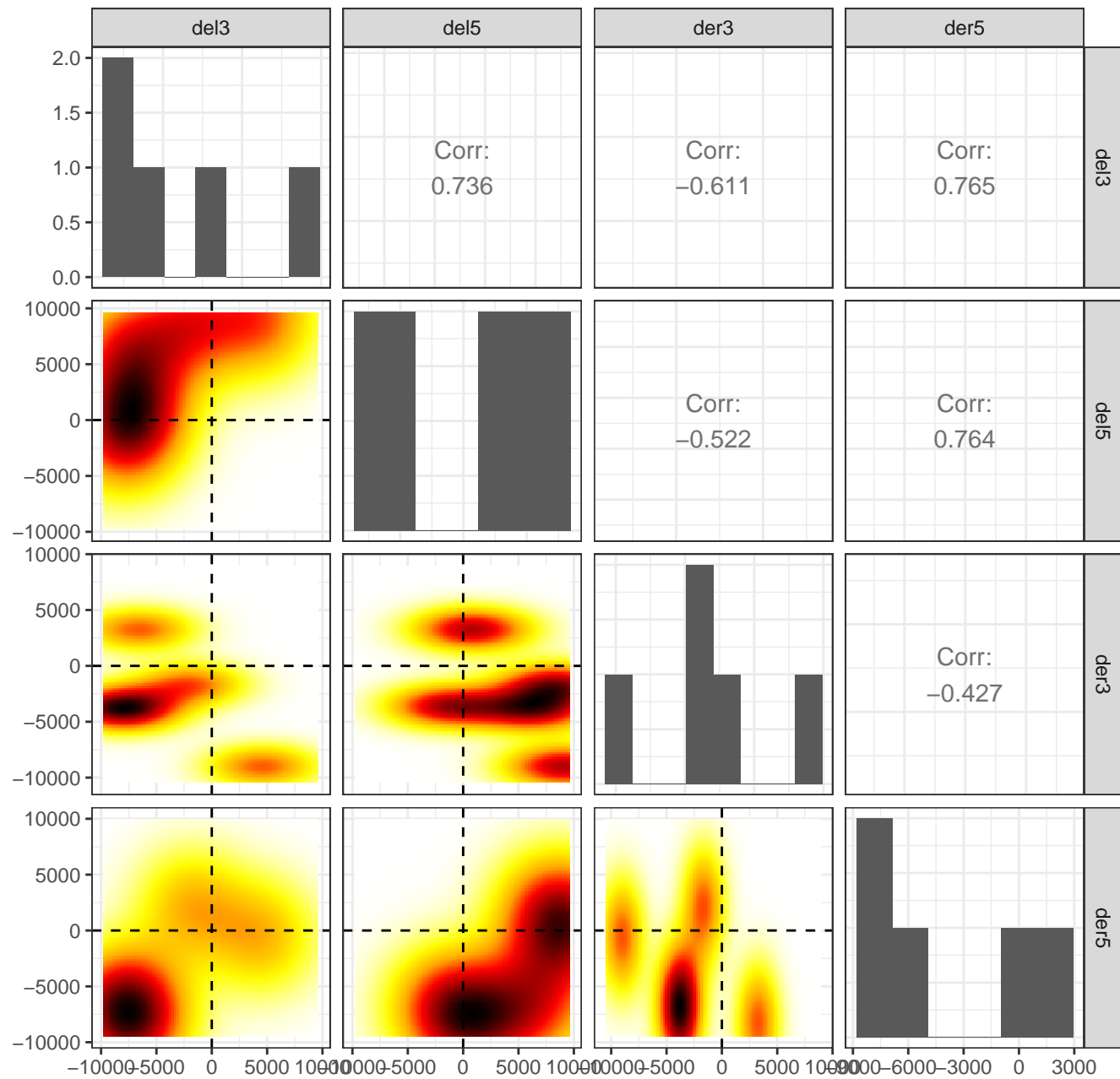
# PS.lightreaction.photosystem.I.LHC.I



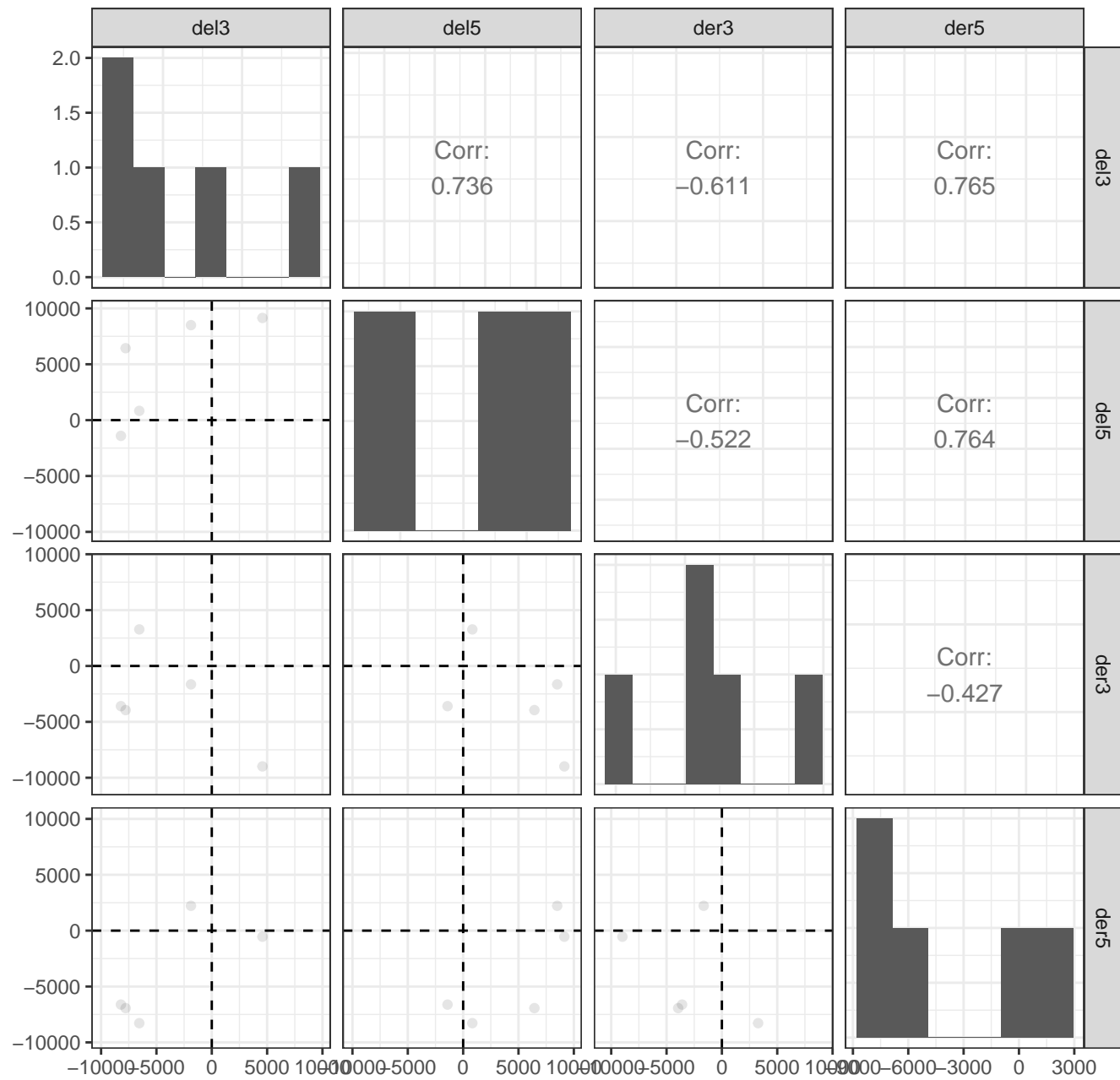
# PS.lightreaction.photosystem.I.LHC.I



# redox.peroxiredoxin

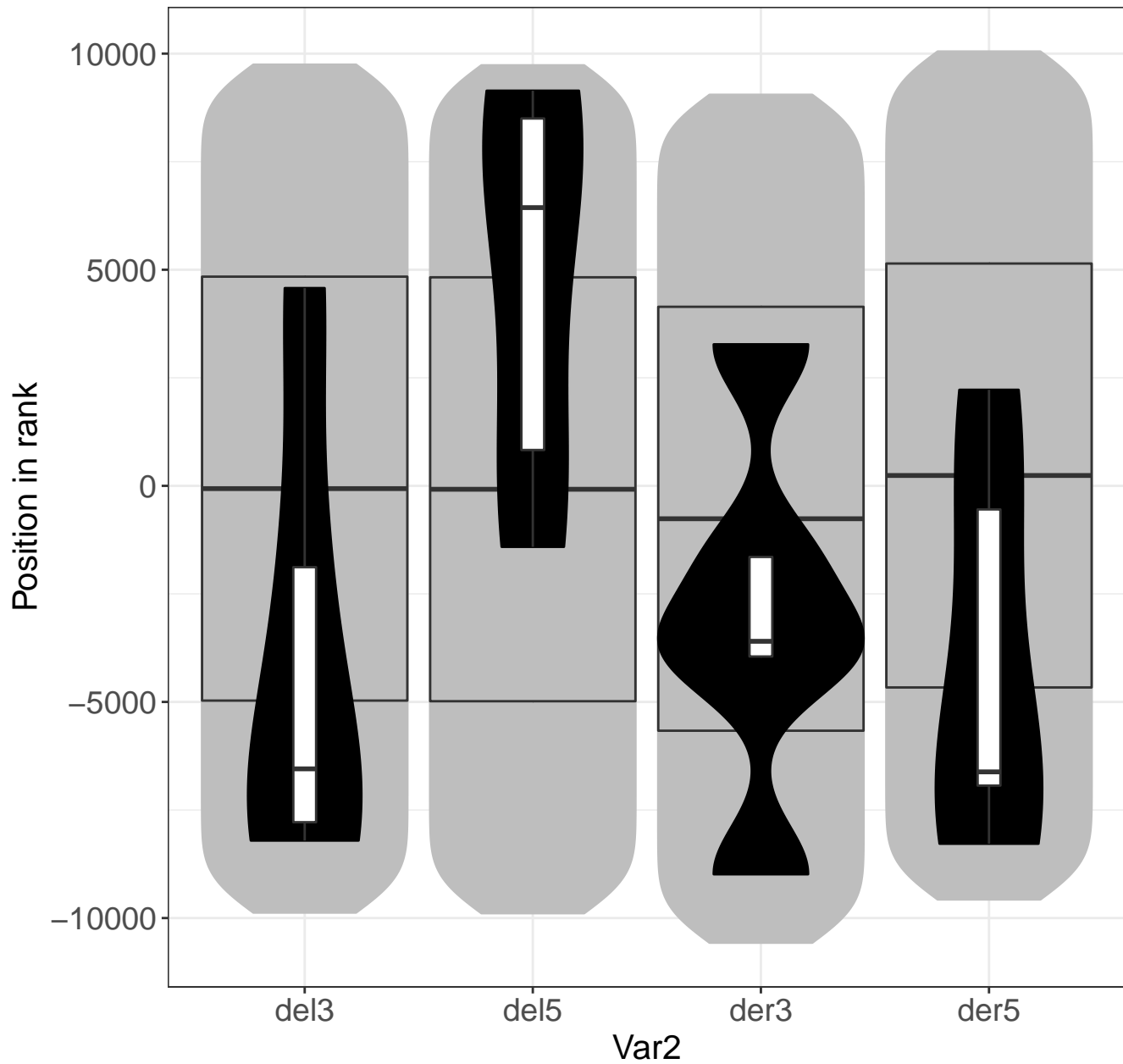


# redox.peroxiredoxin

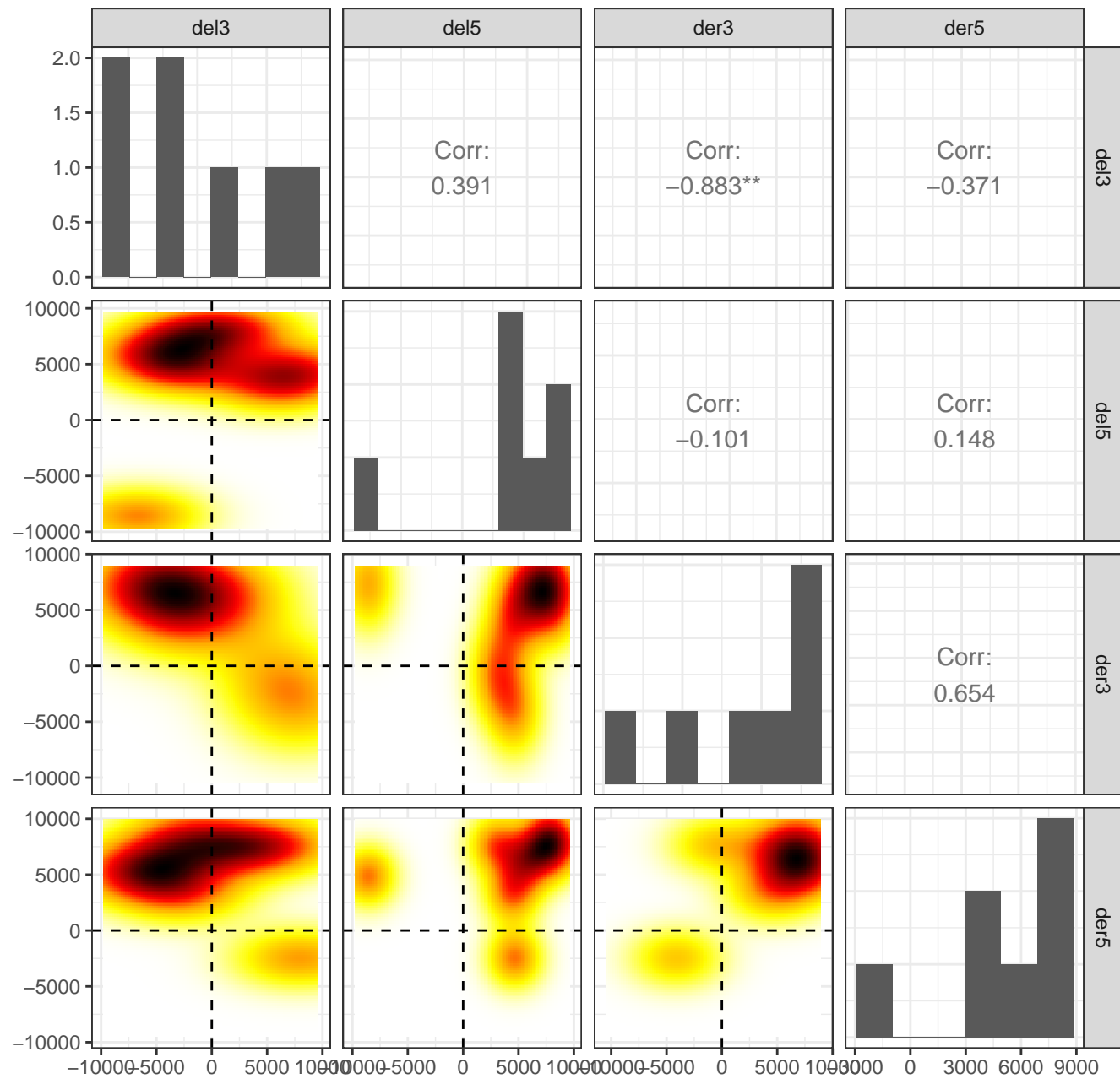




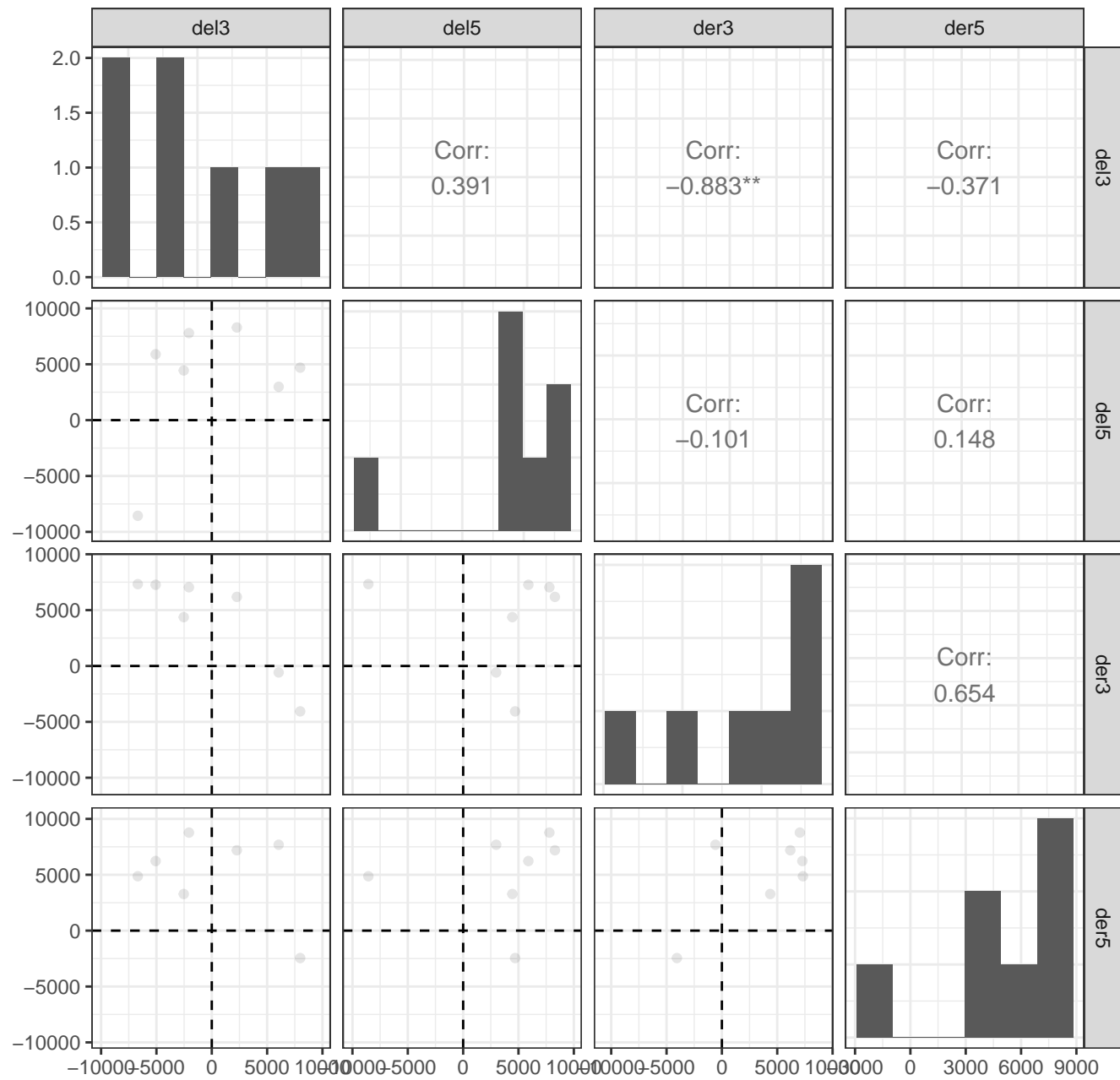
redox.peroxiredoxin



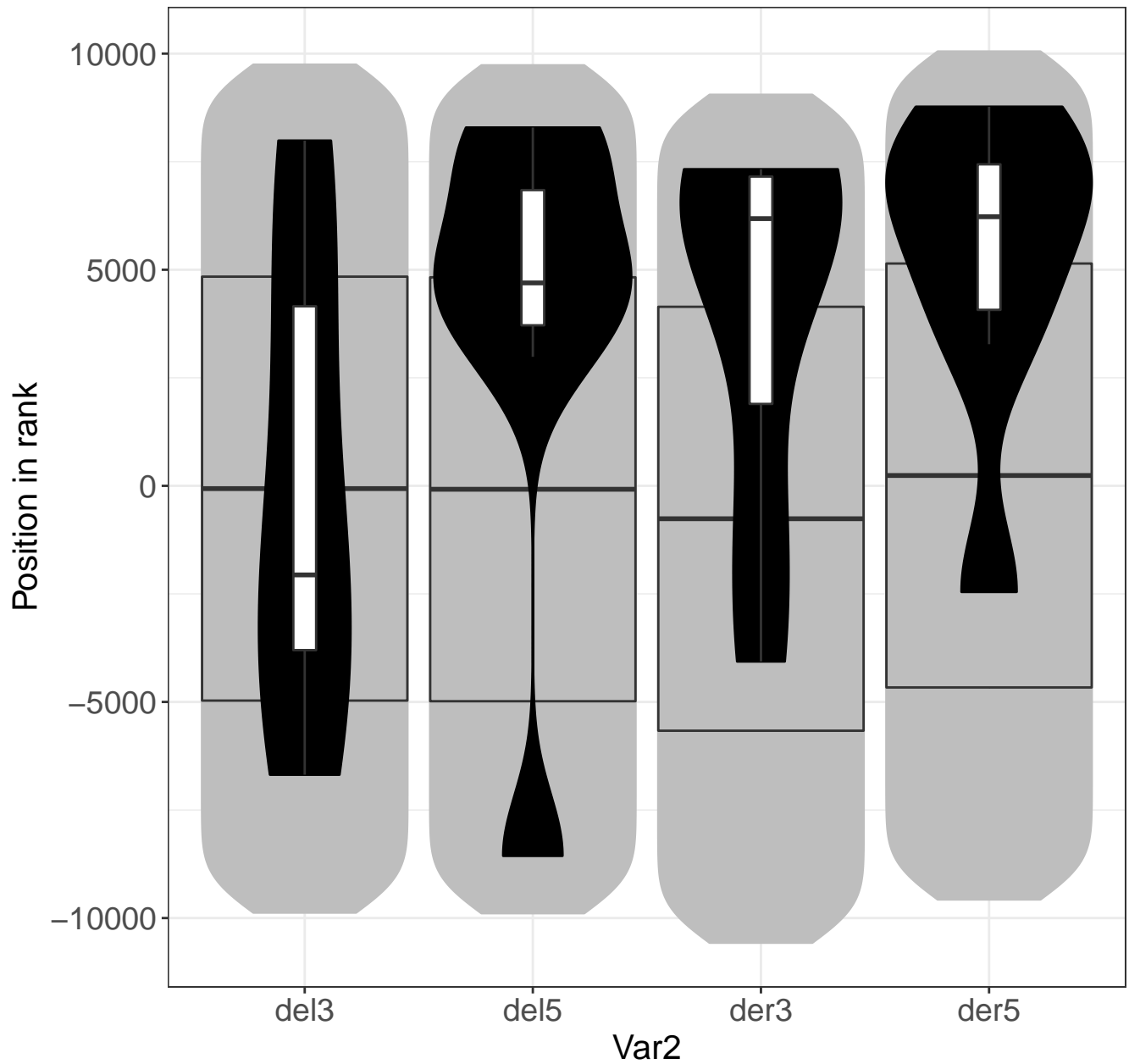
secondary.metabolism.phenylpropanoids.lignin.biosynthesis.4CL



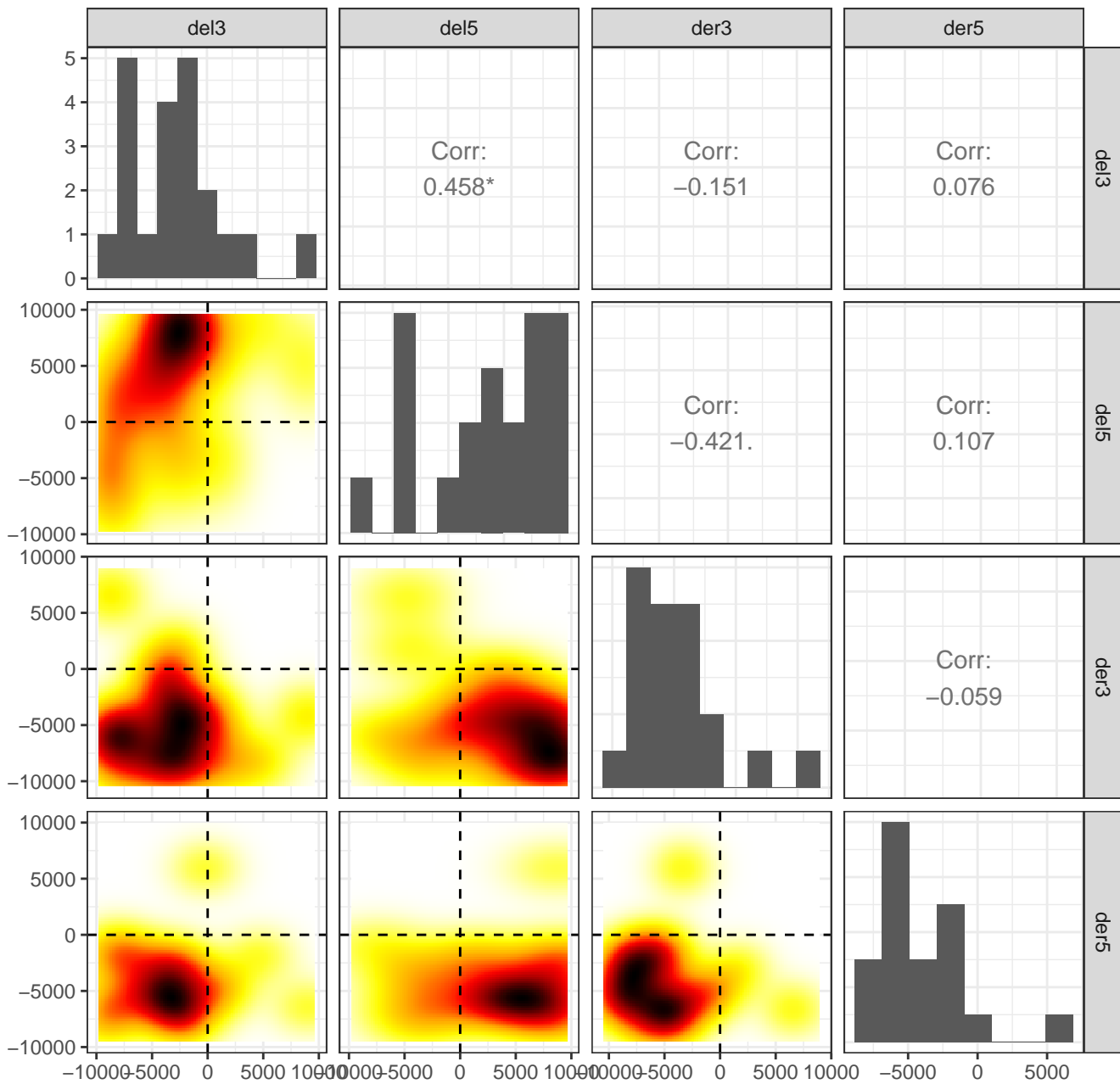
secondary.metabolism.phenylpropanoids.lignin.biosynthesis.4CL



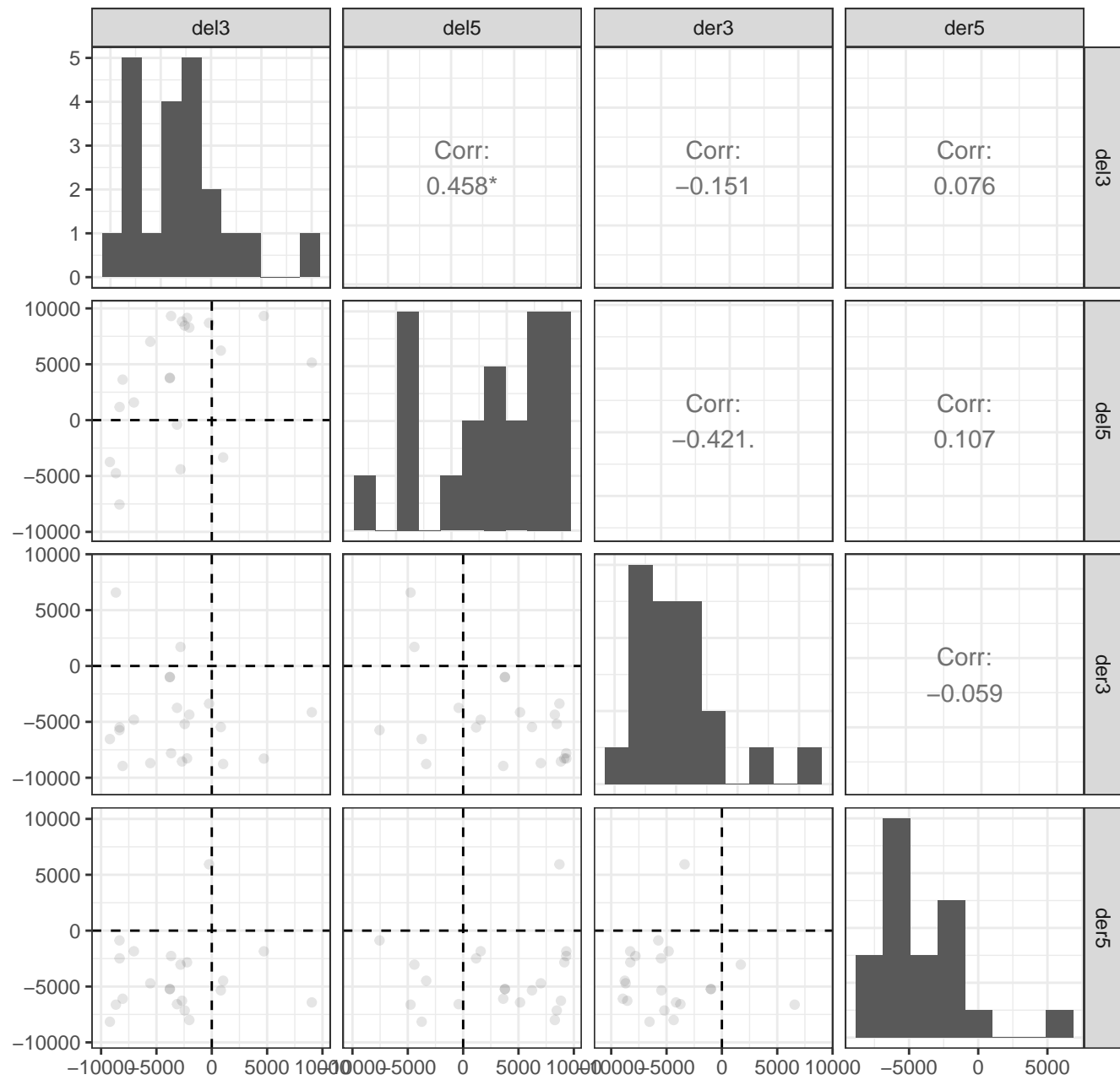
# secondary.metabolism.phenylpropanoids.lignin.b



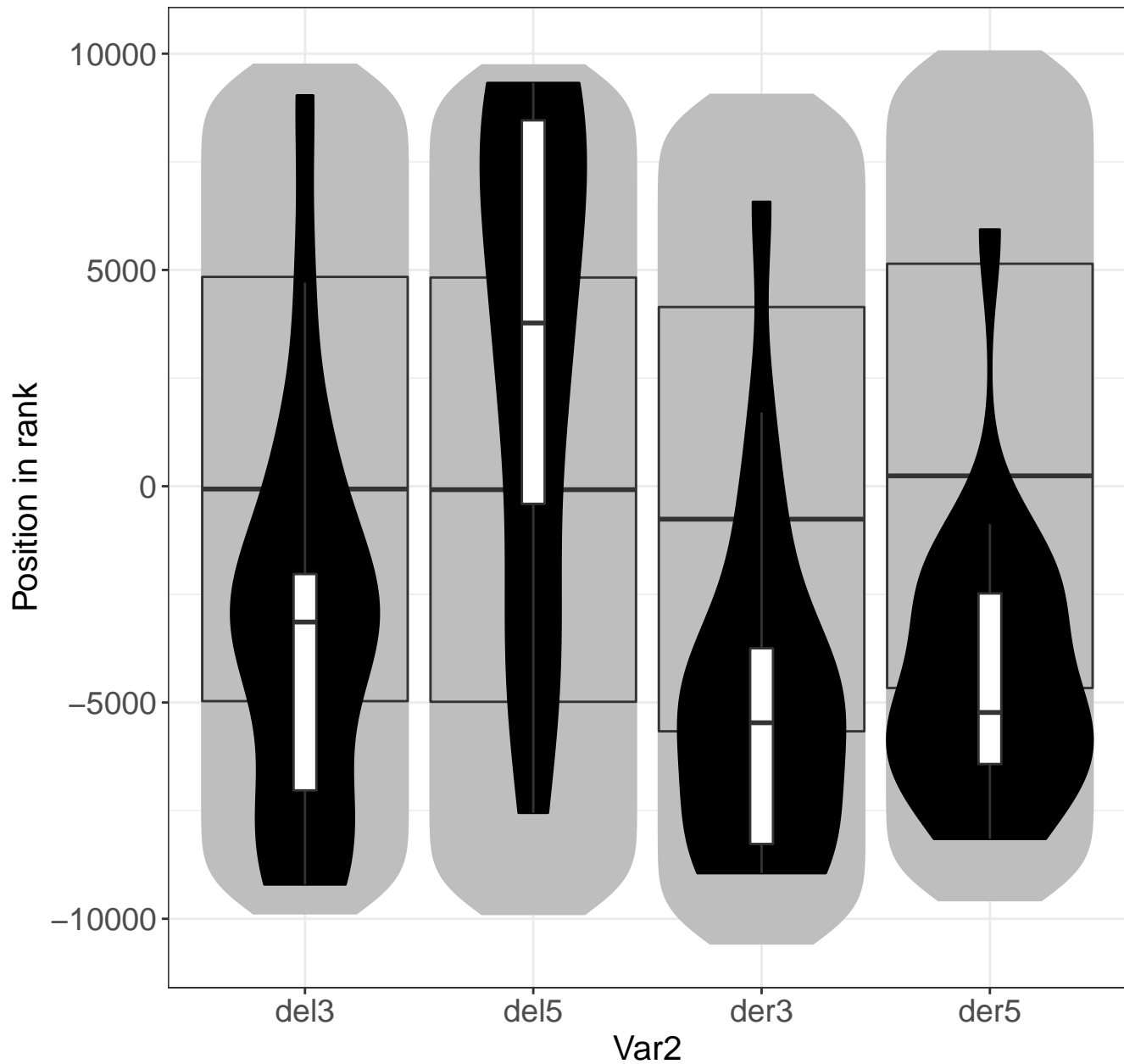
# protein.assembly.and.cofactor.ligation



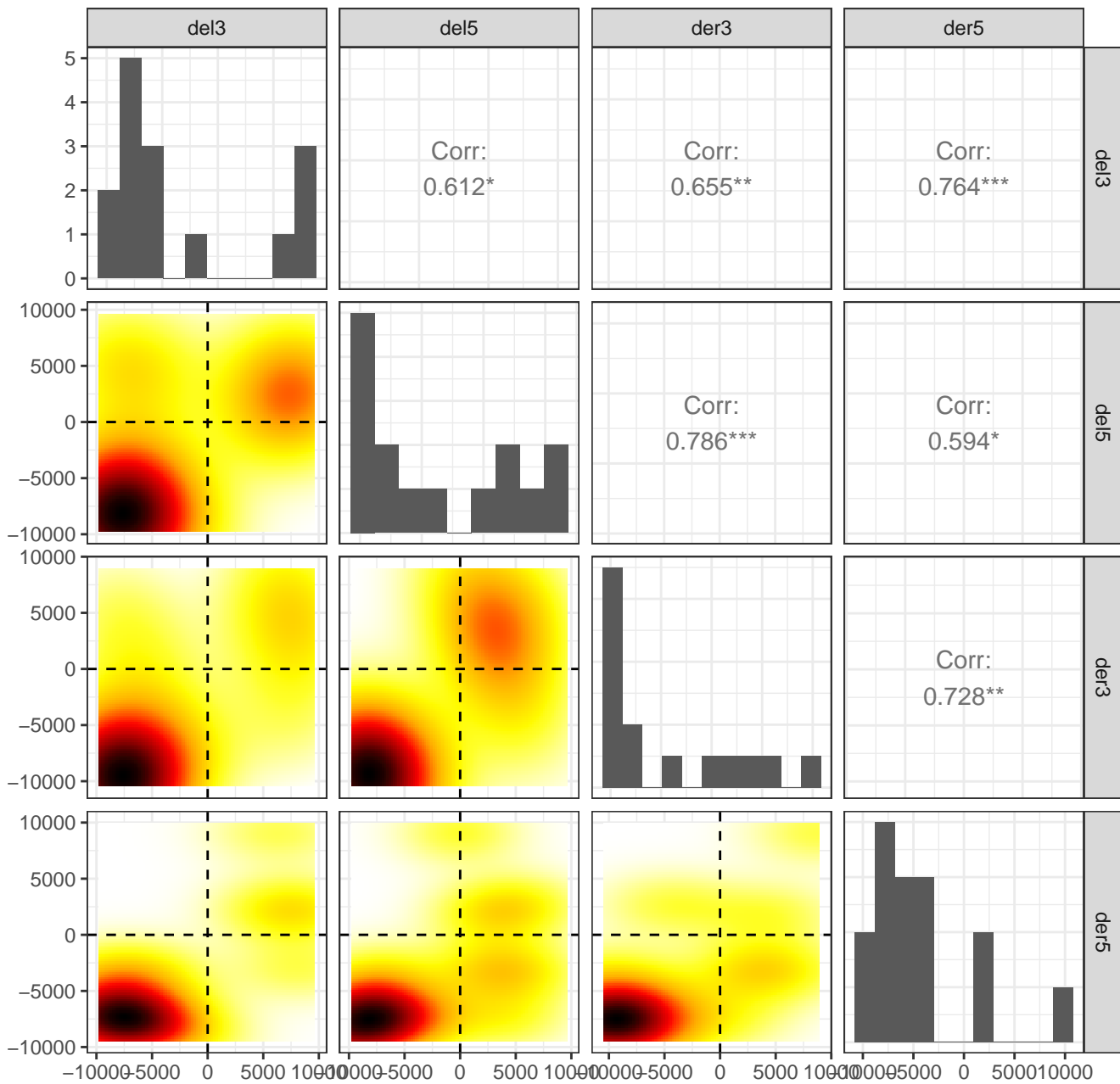
# protein.assembly.and.cofactor.ligation



# protein.assembly.and.cofactor.ligation

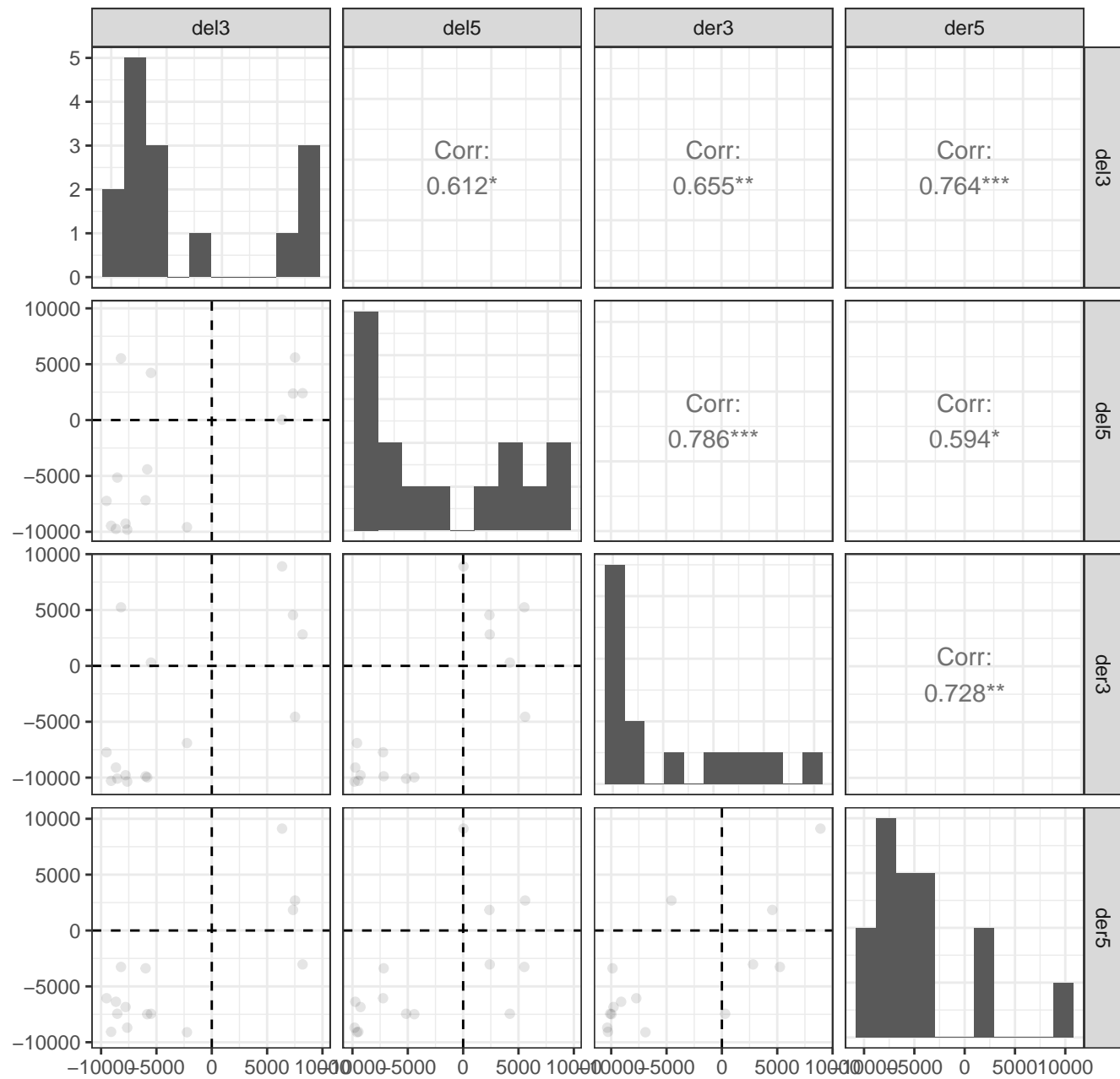


# development.late.embryogenesis.abundant

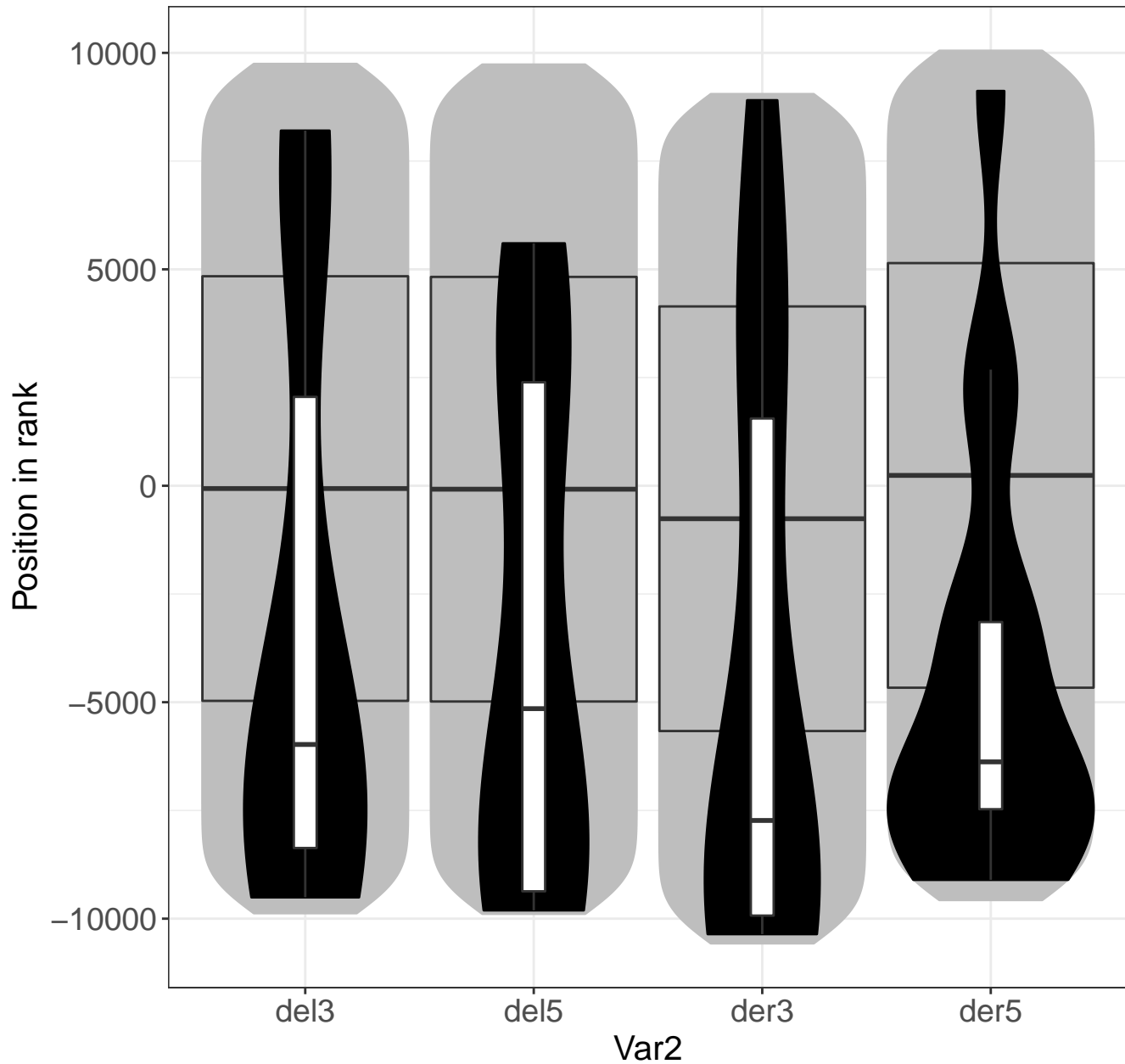




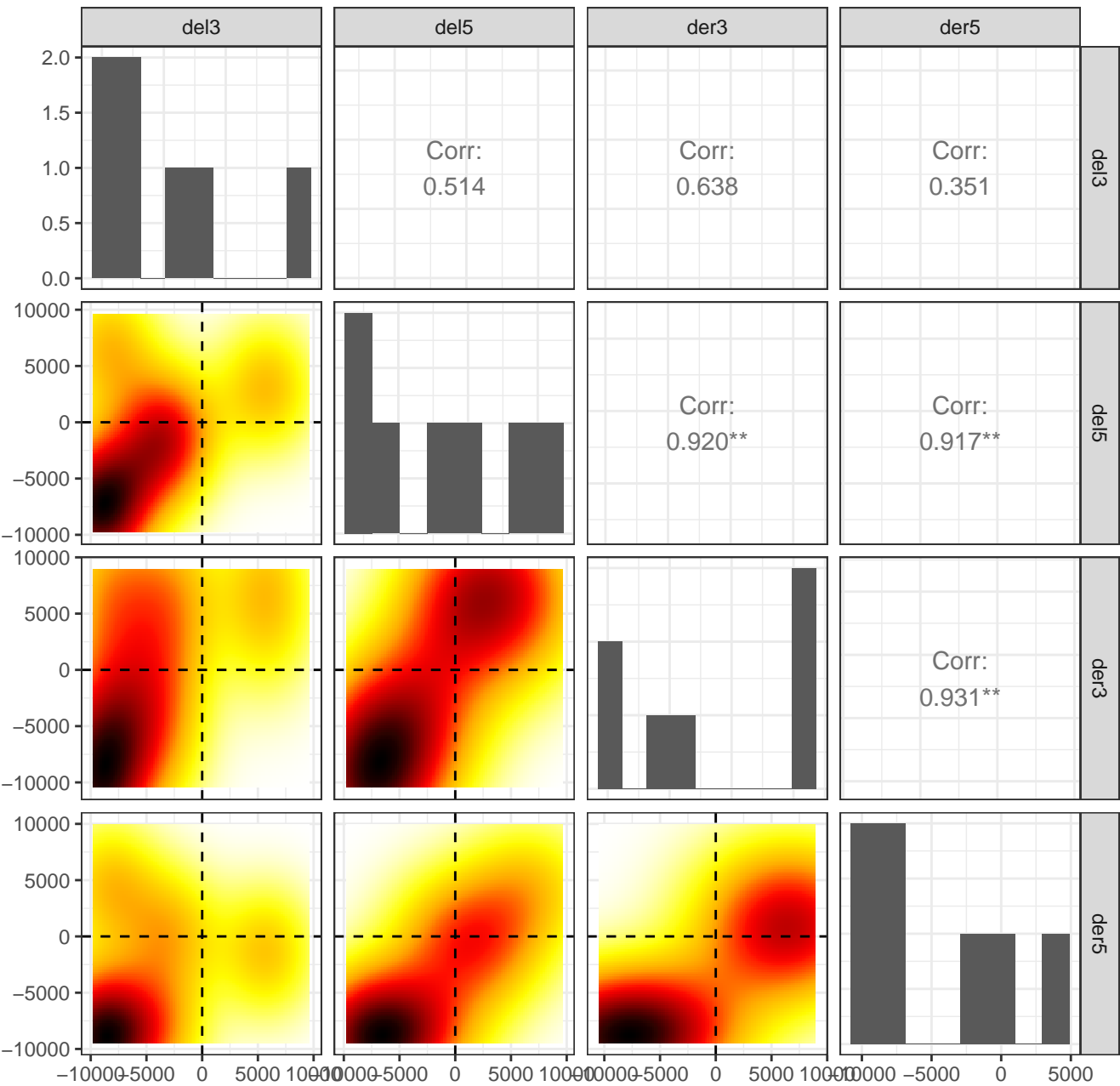
# development.late.embryogenesis.abundant



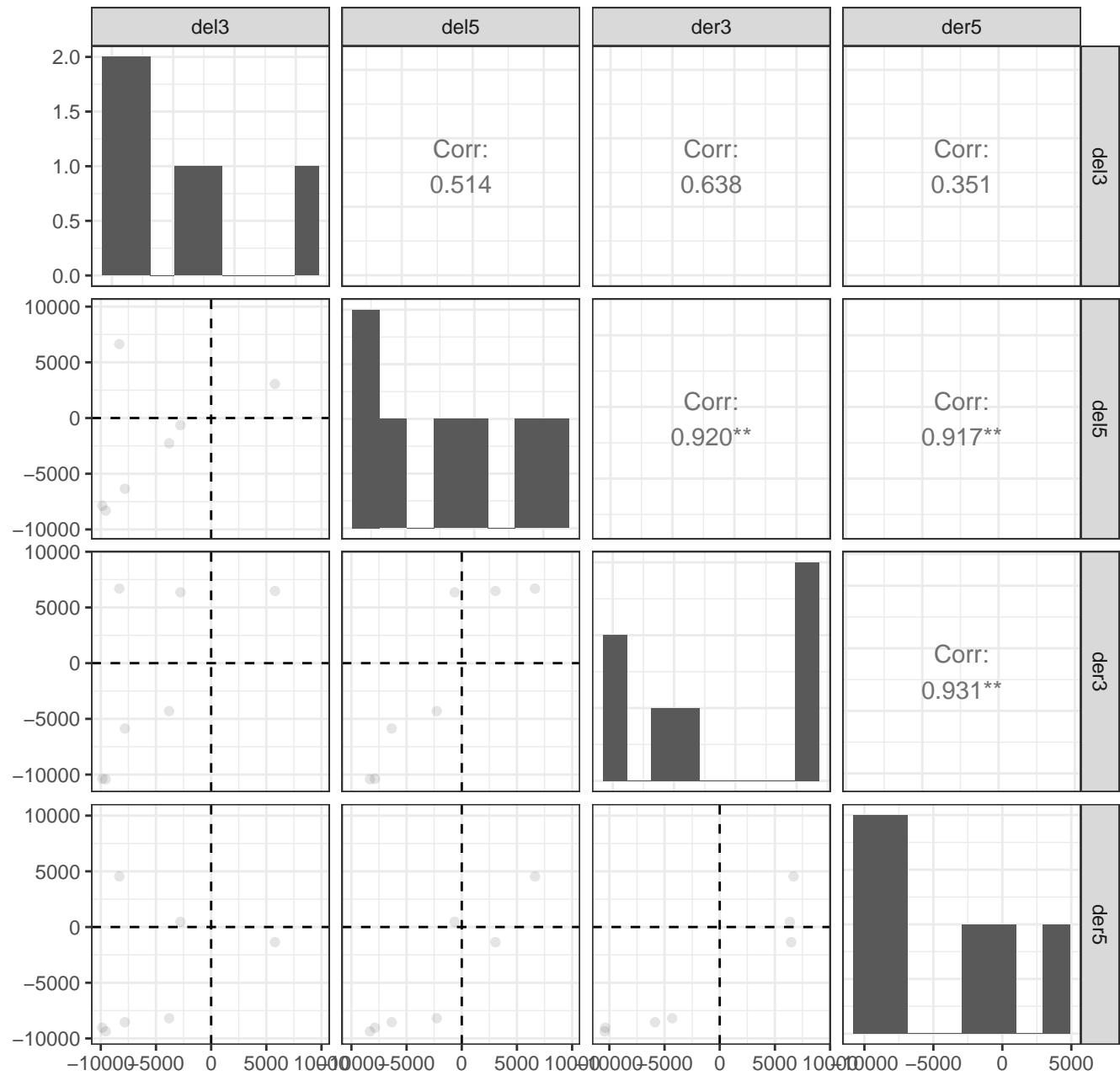
# development.late.embryogenesis.abundant



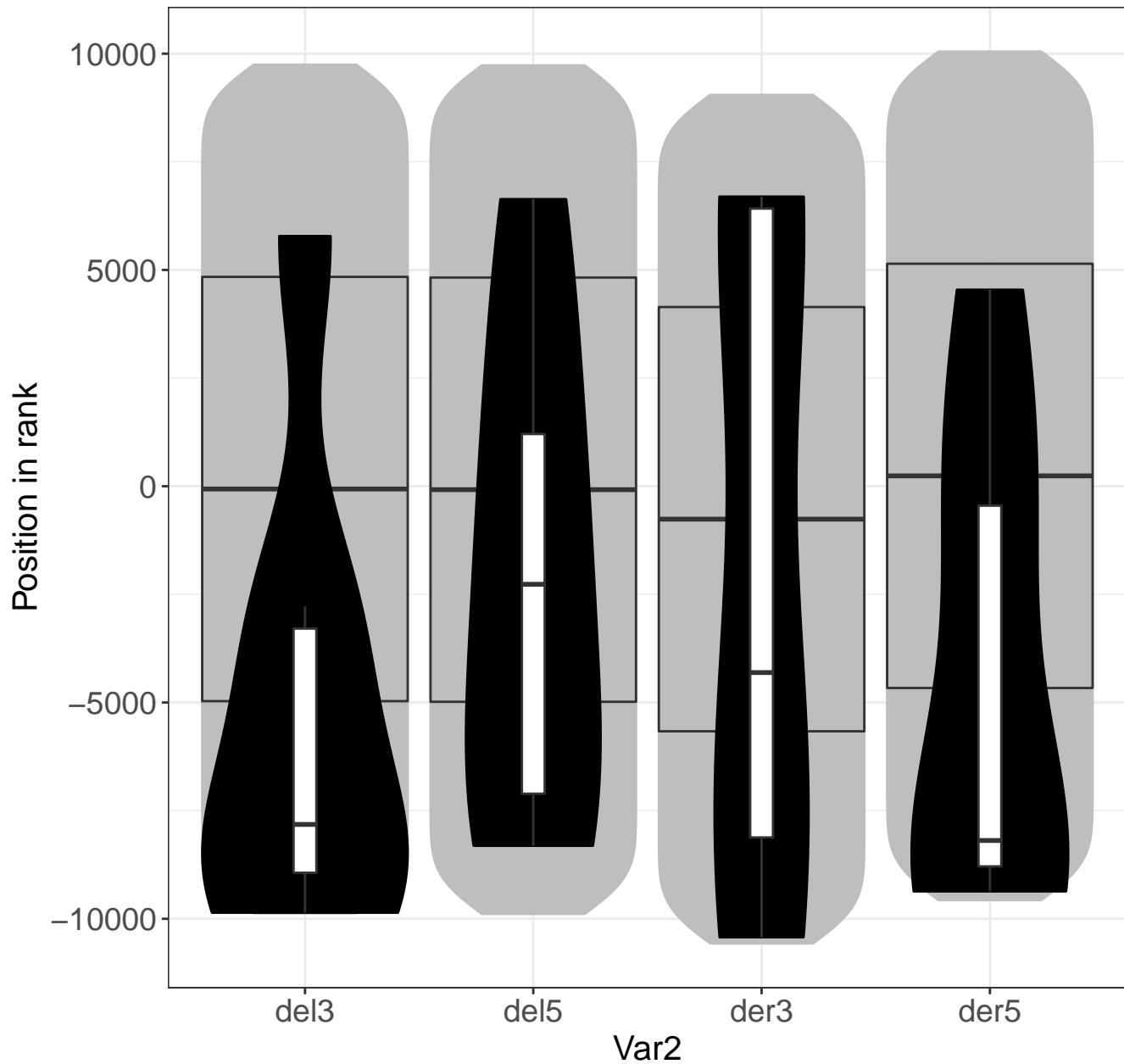
# transport.Major.Intrinsic.Proteins.TIP



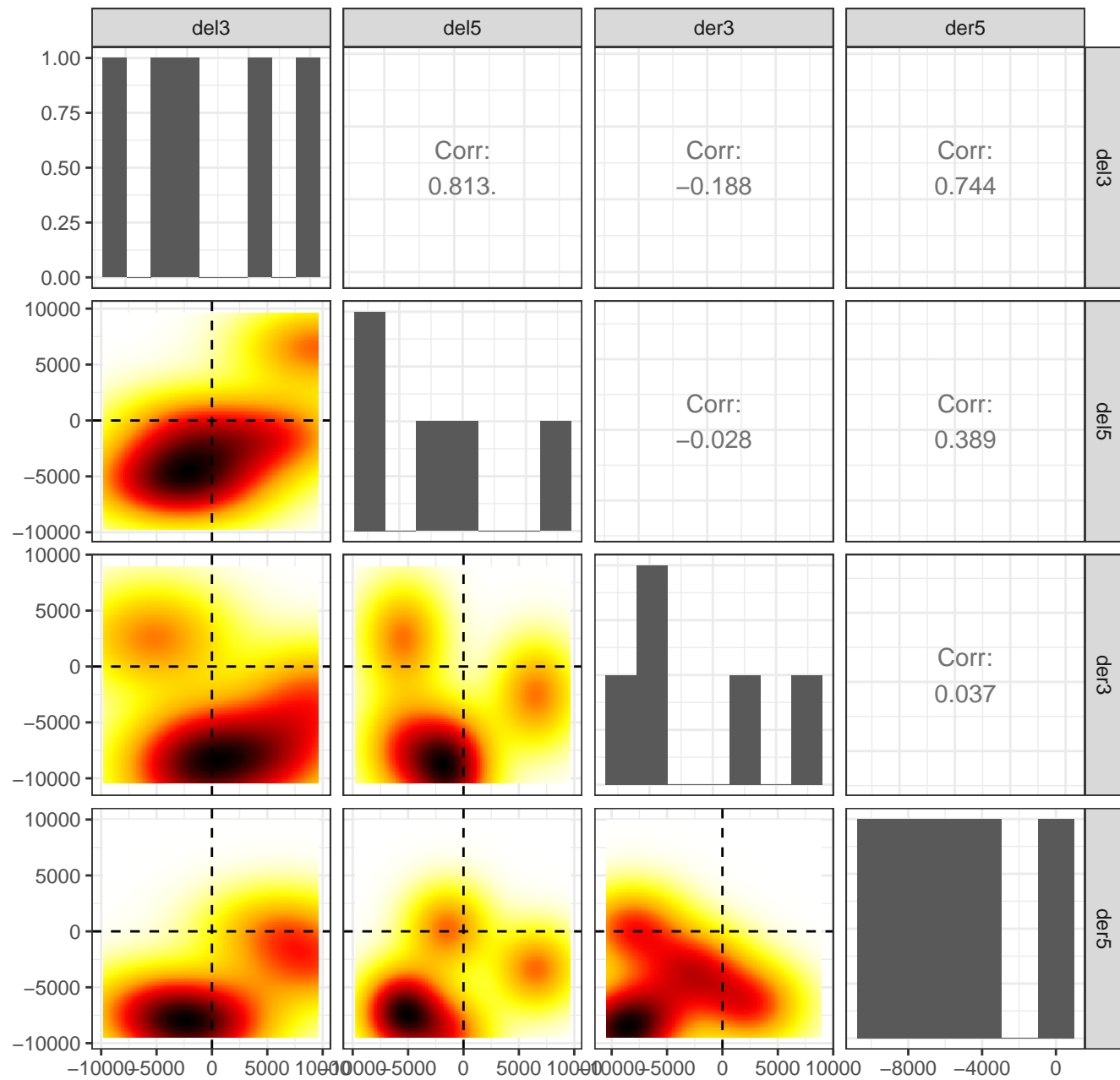
# transport.Major.Intrinsic.Proteins.TIP



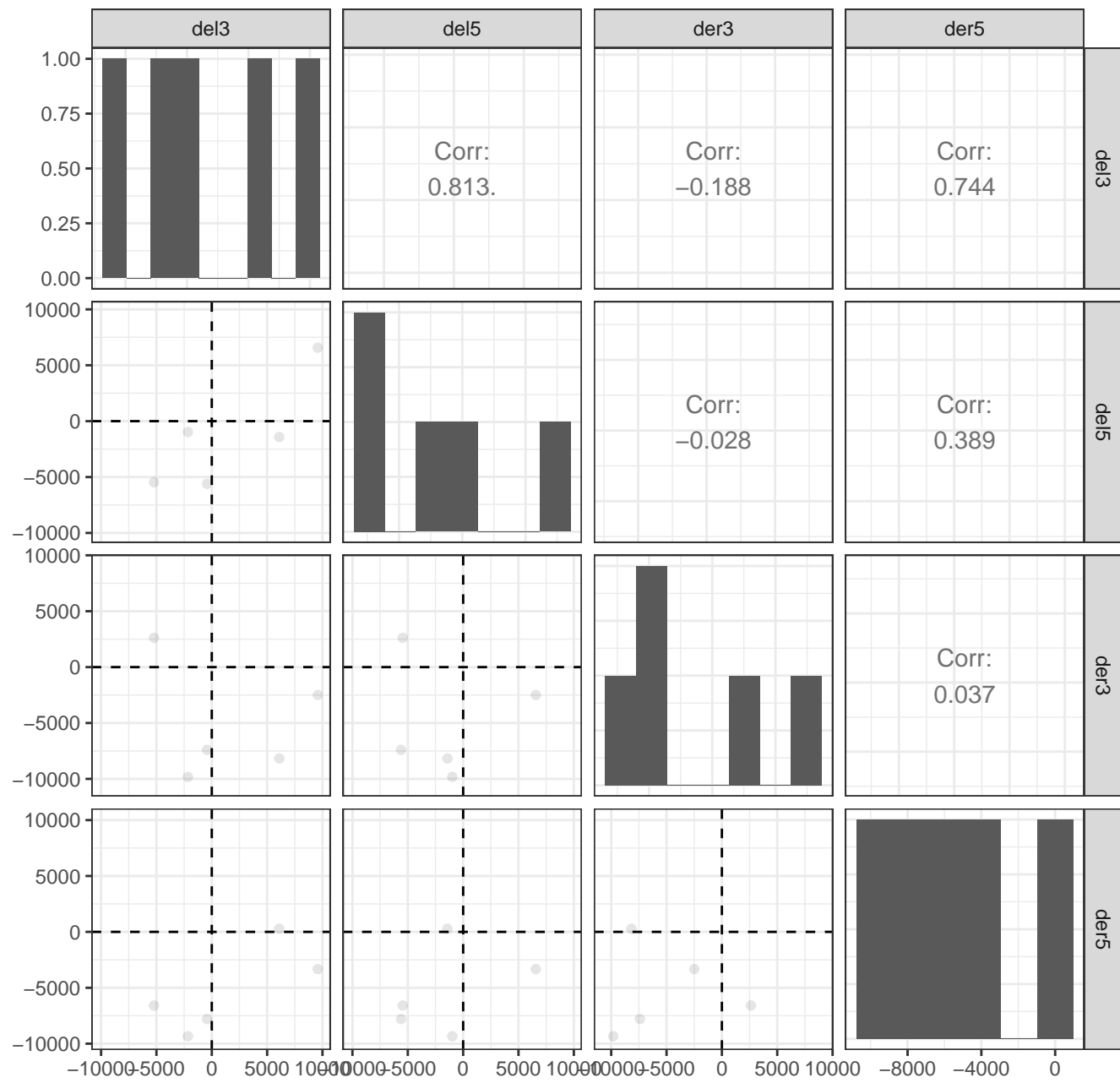
# transport.Major.Intrinsic.Proteins.TIP



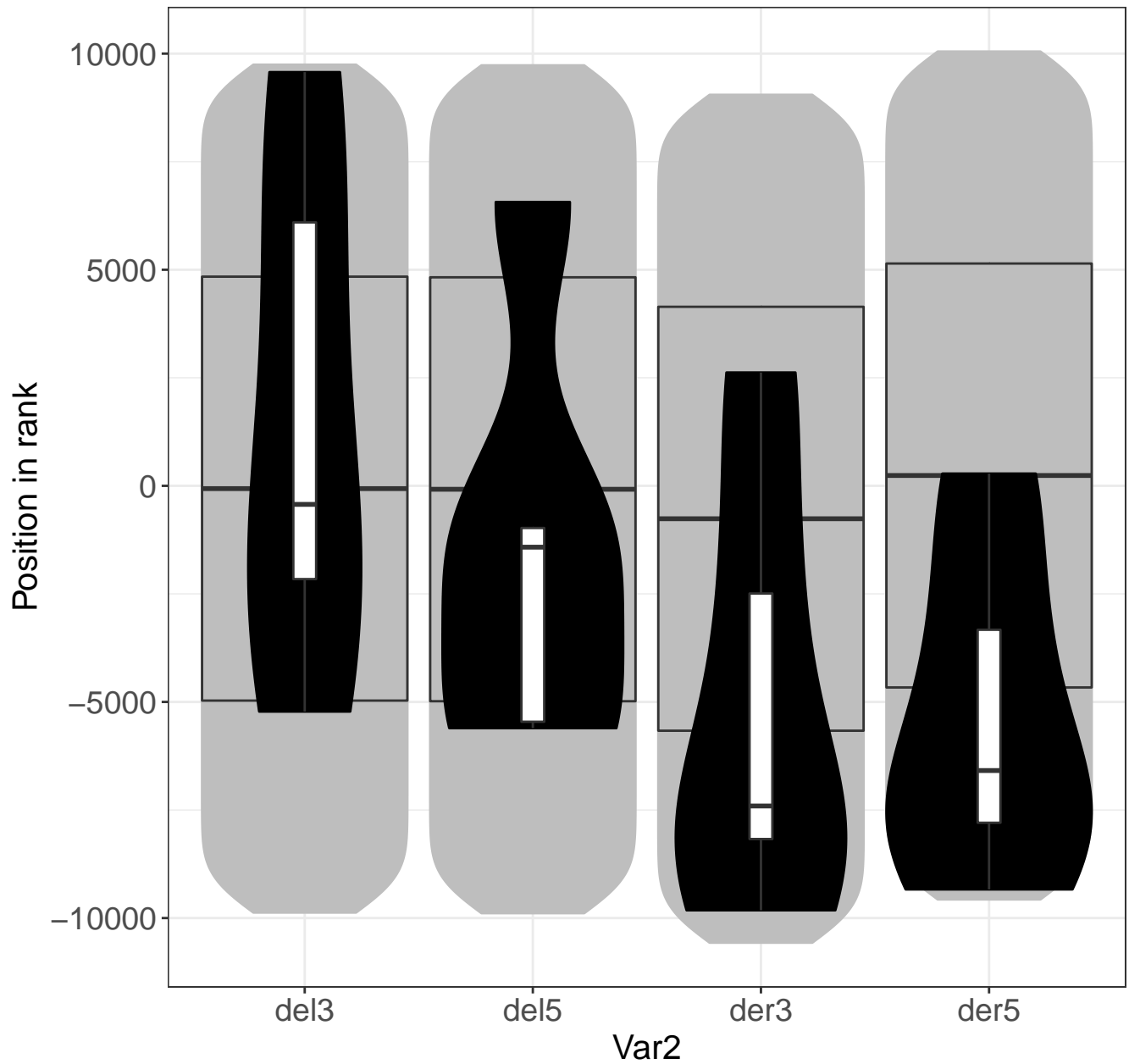
# hormone.metabolism.jasmonate.synthesis.degradation.12.Oxo.PDA.reductase



# hormone.metabolism.jasmonate.synthesis.degradation.12.Oxo.PDA.reductase

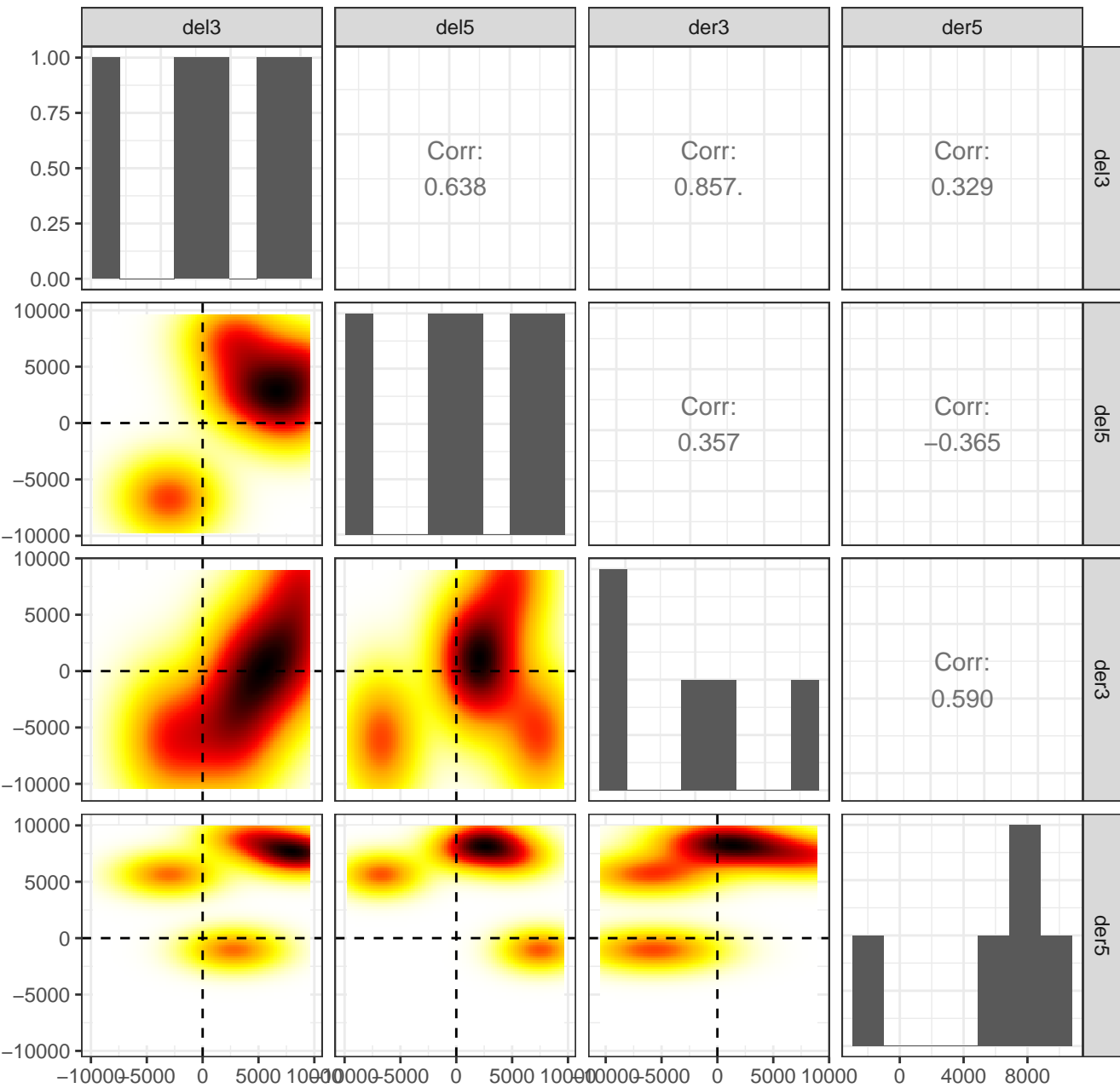


# hormone.metabolism.jasmonate.synthesis.degra

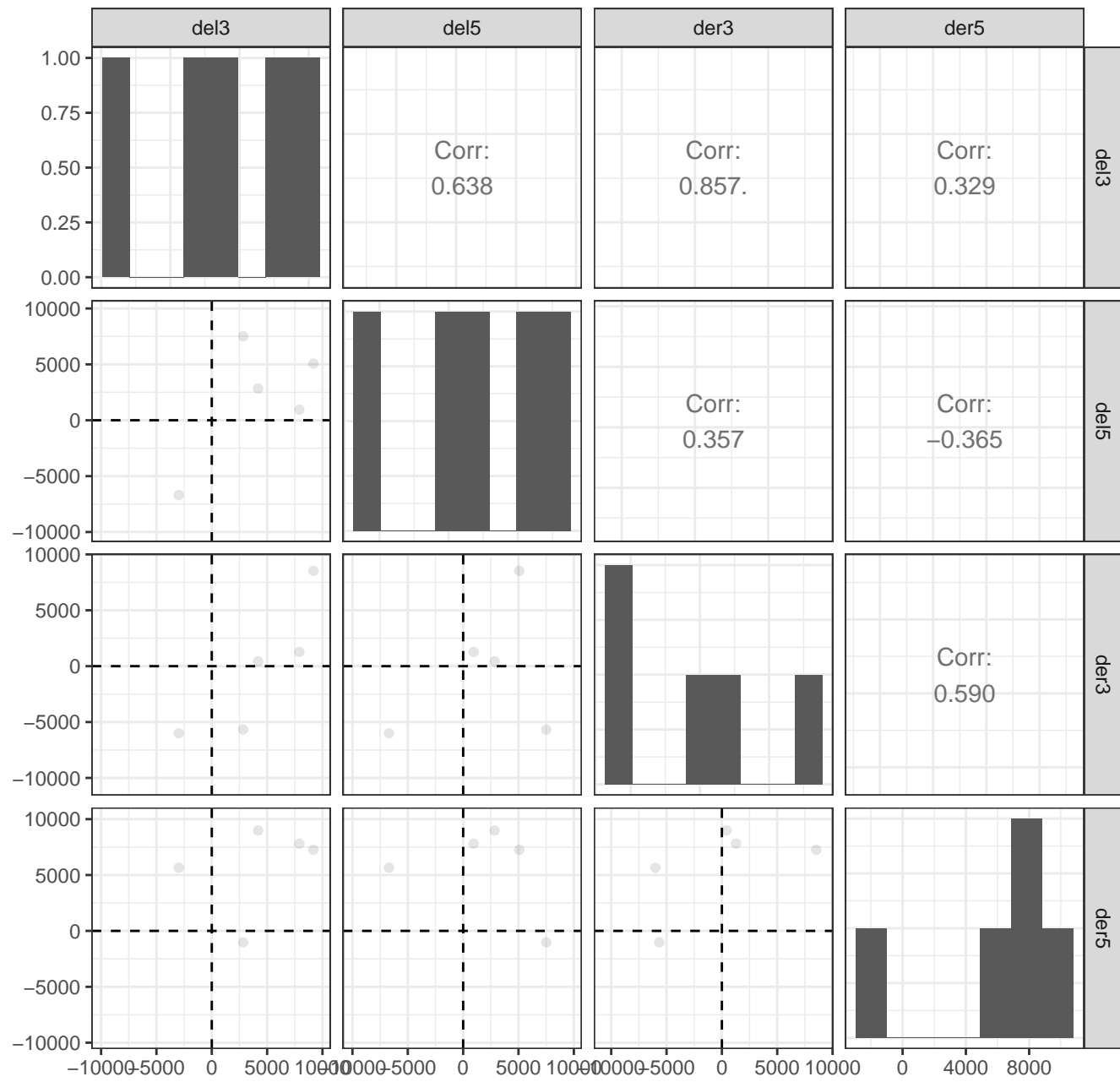




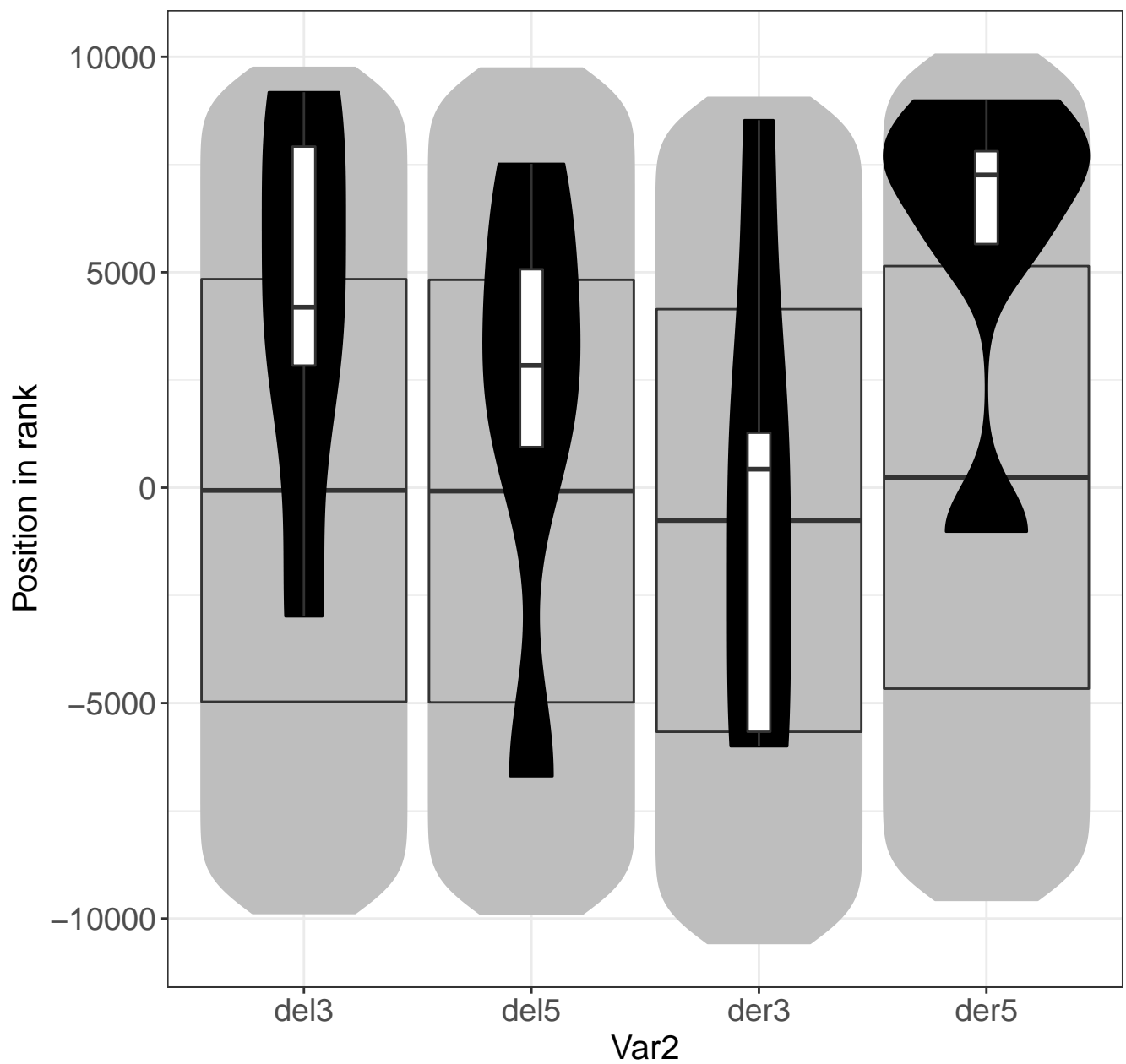
nucleotide.metabolism.salvage.phosphoribosyltransferases.upp



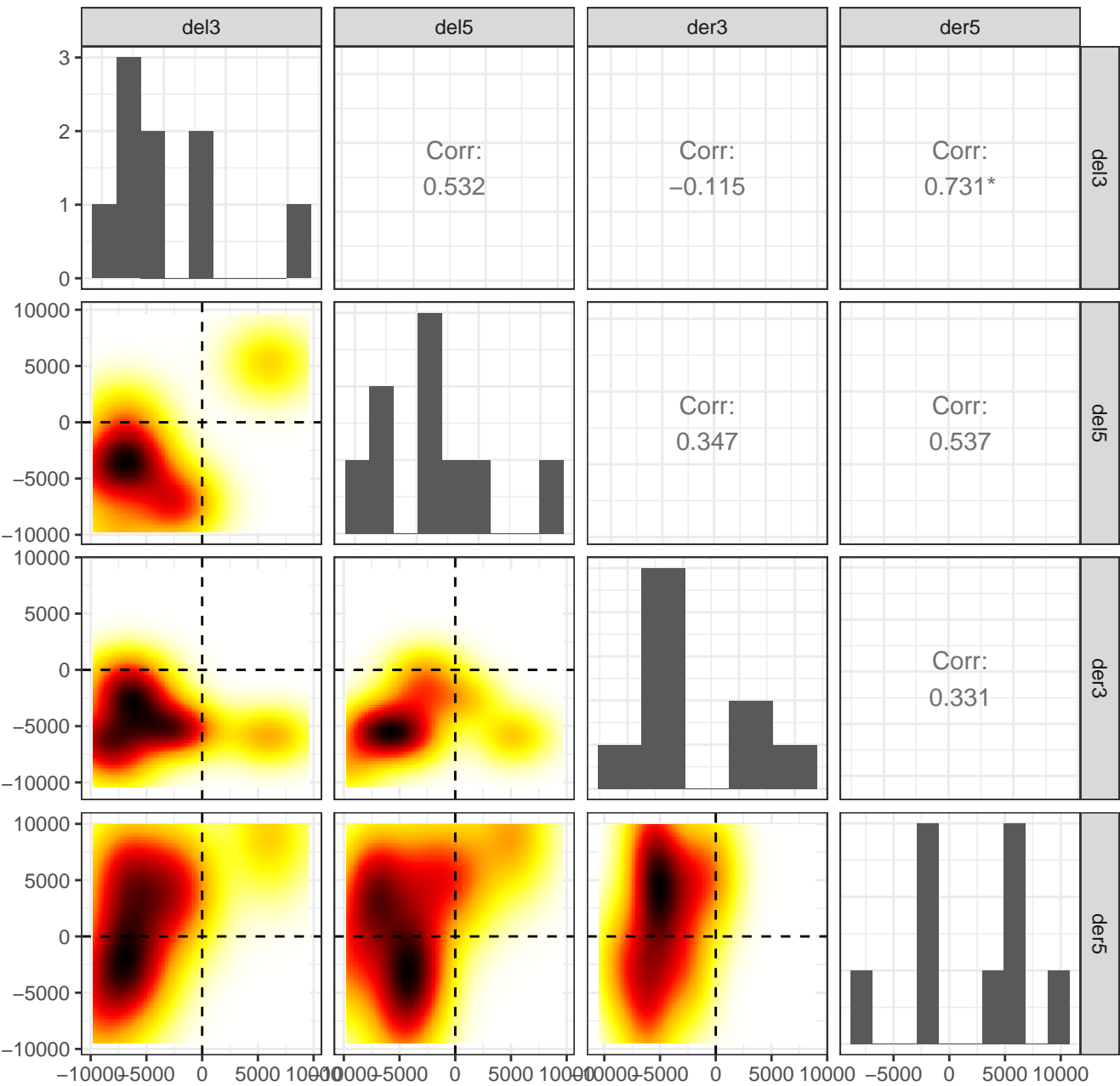
# nucleotide.metabolism.salvage.phosphoribosyltransferases.upp



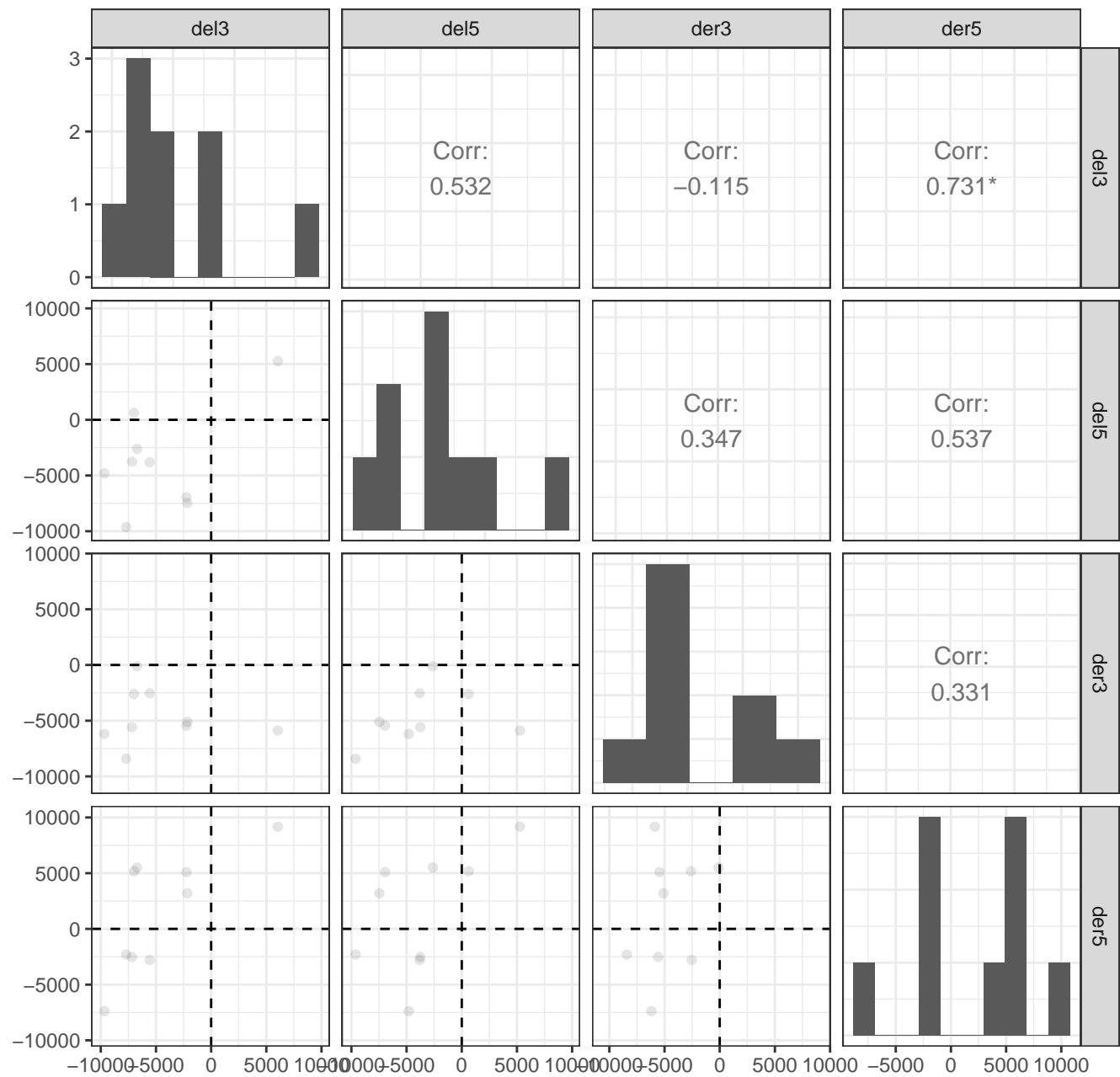
# nucleotide.metabolism.salvage.phosphoribosyltra



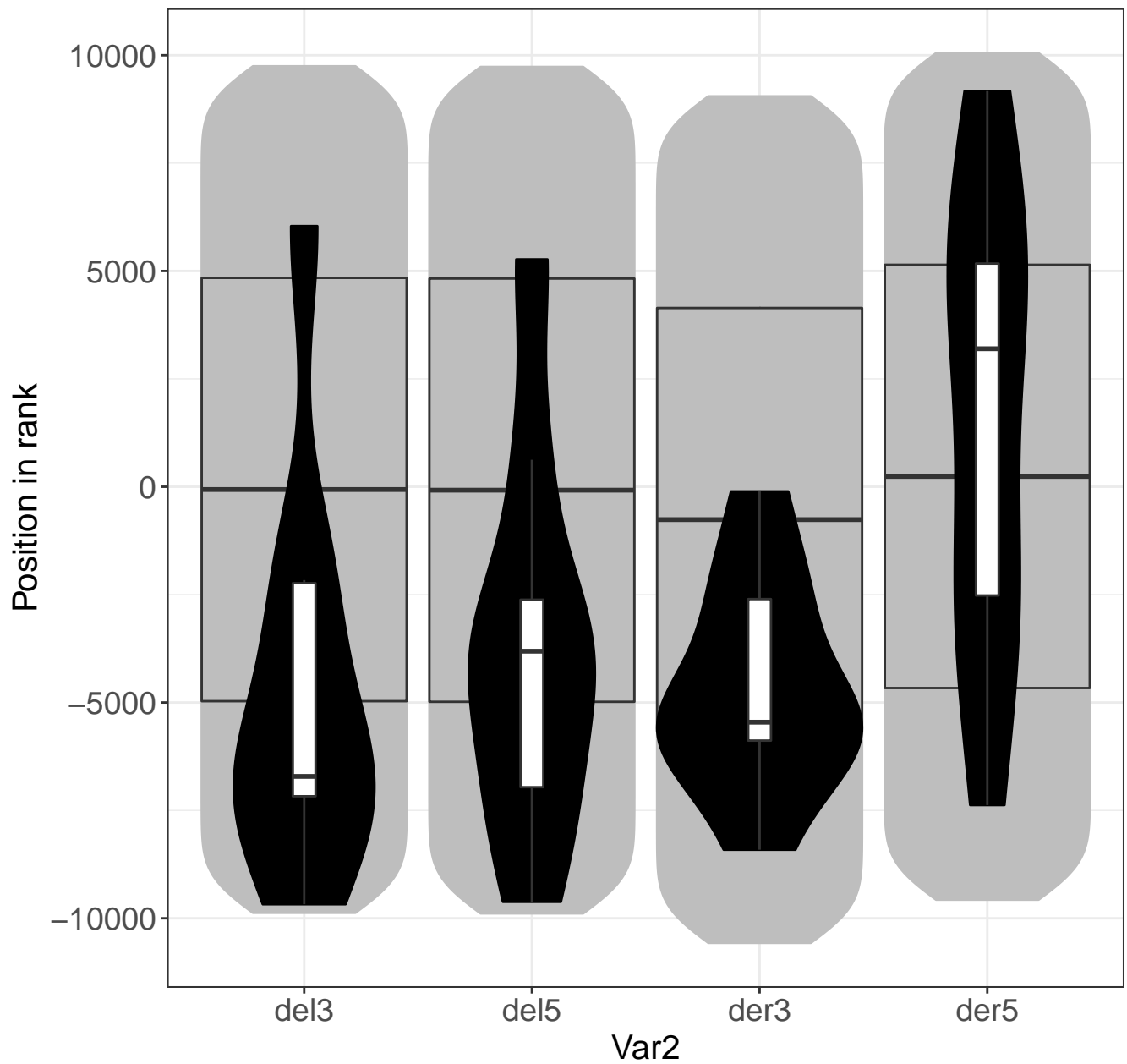
protein.synthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.m



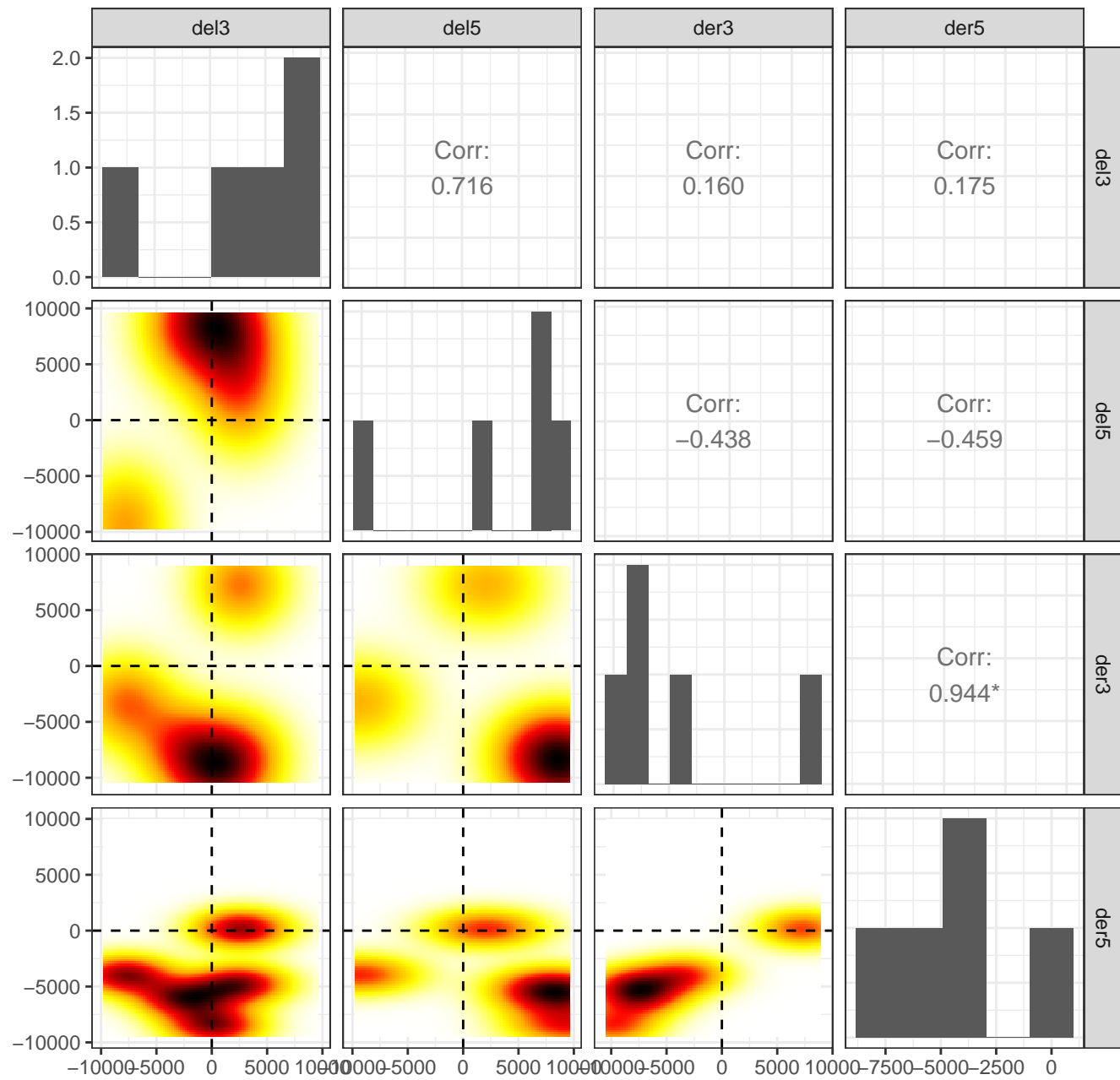
protein.synthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.m



# protein.synthesis.ribosome.biogenesis.Pre.rRNA



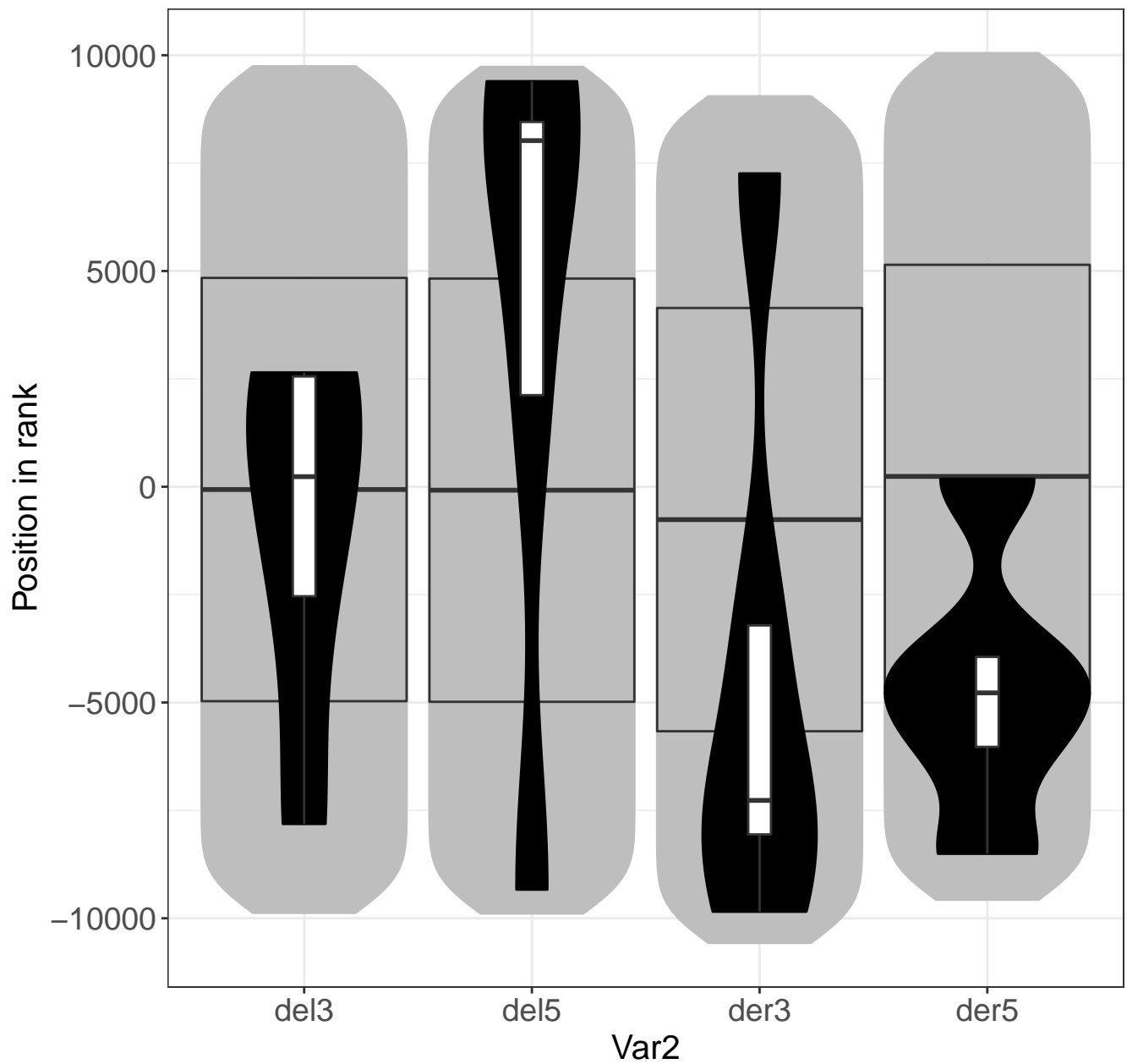
# PS.lightreaction.other.electron.carrier..ox.red..ferredoxin



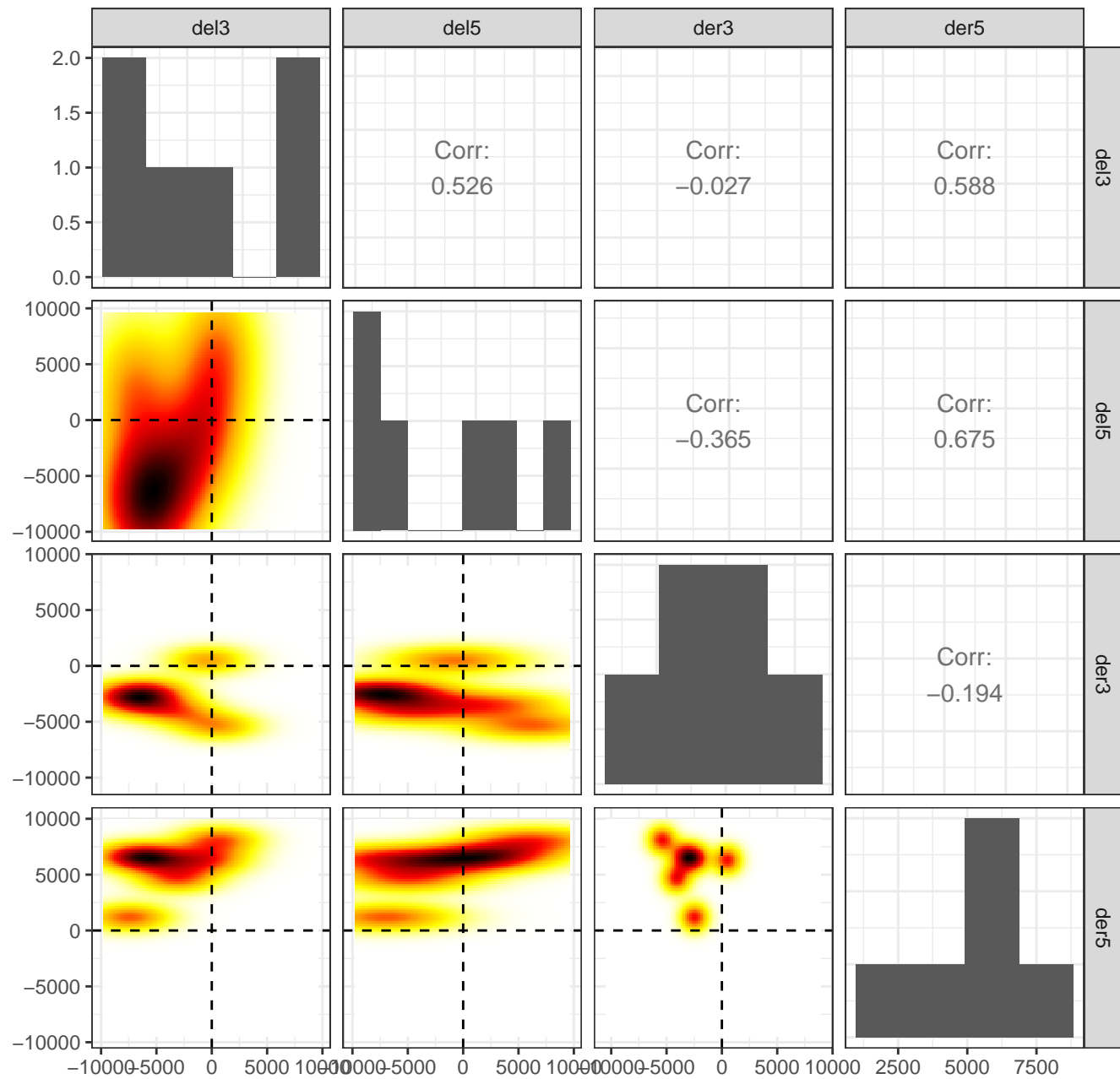




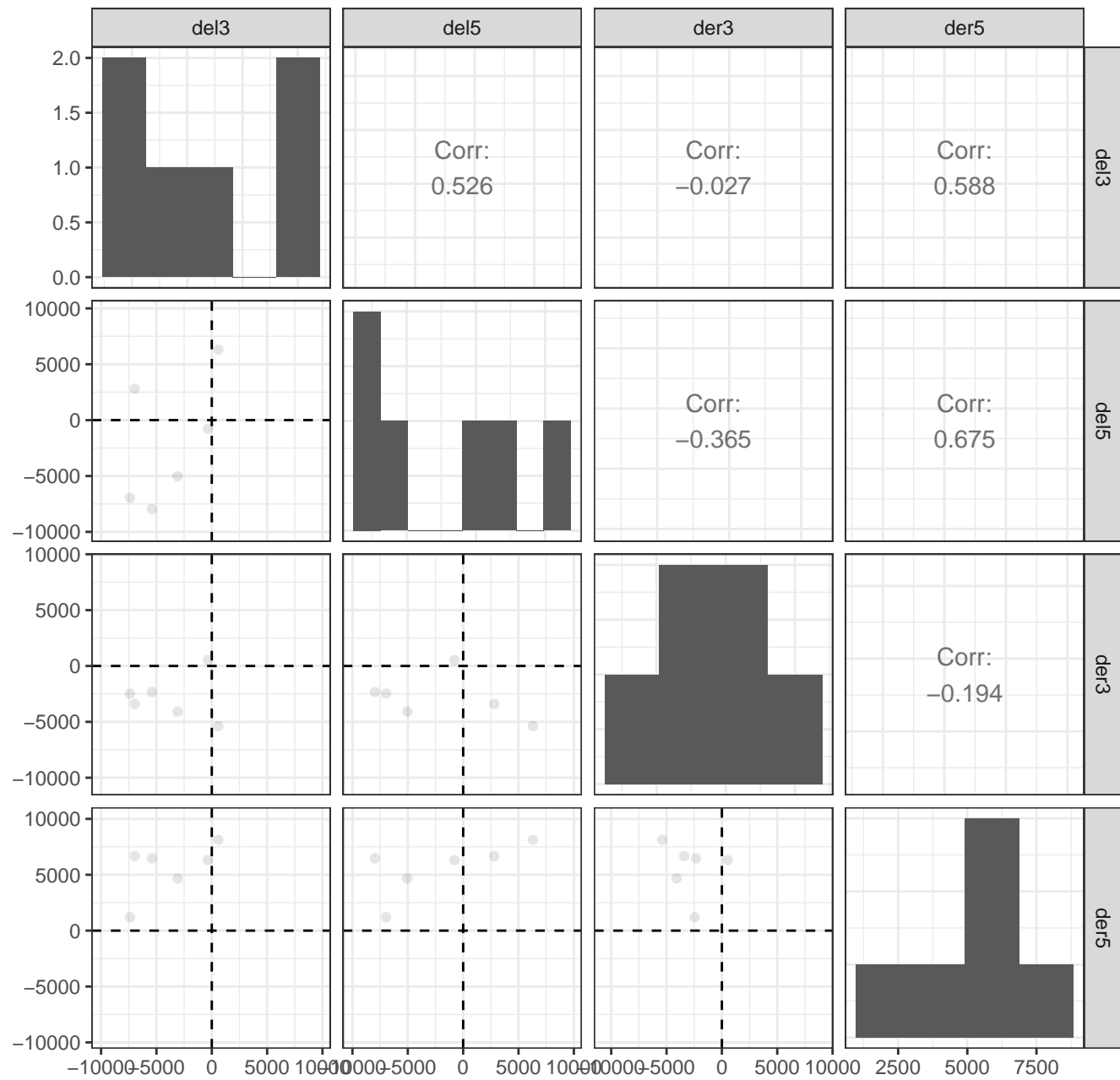
PS.lightreaction.other.electron.carrier..ox.red..fer



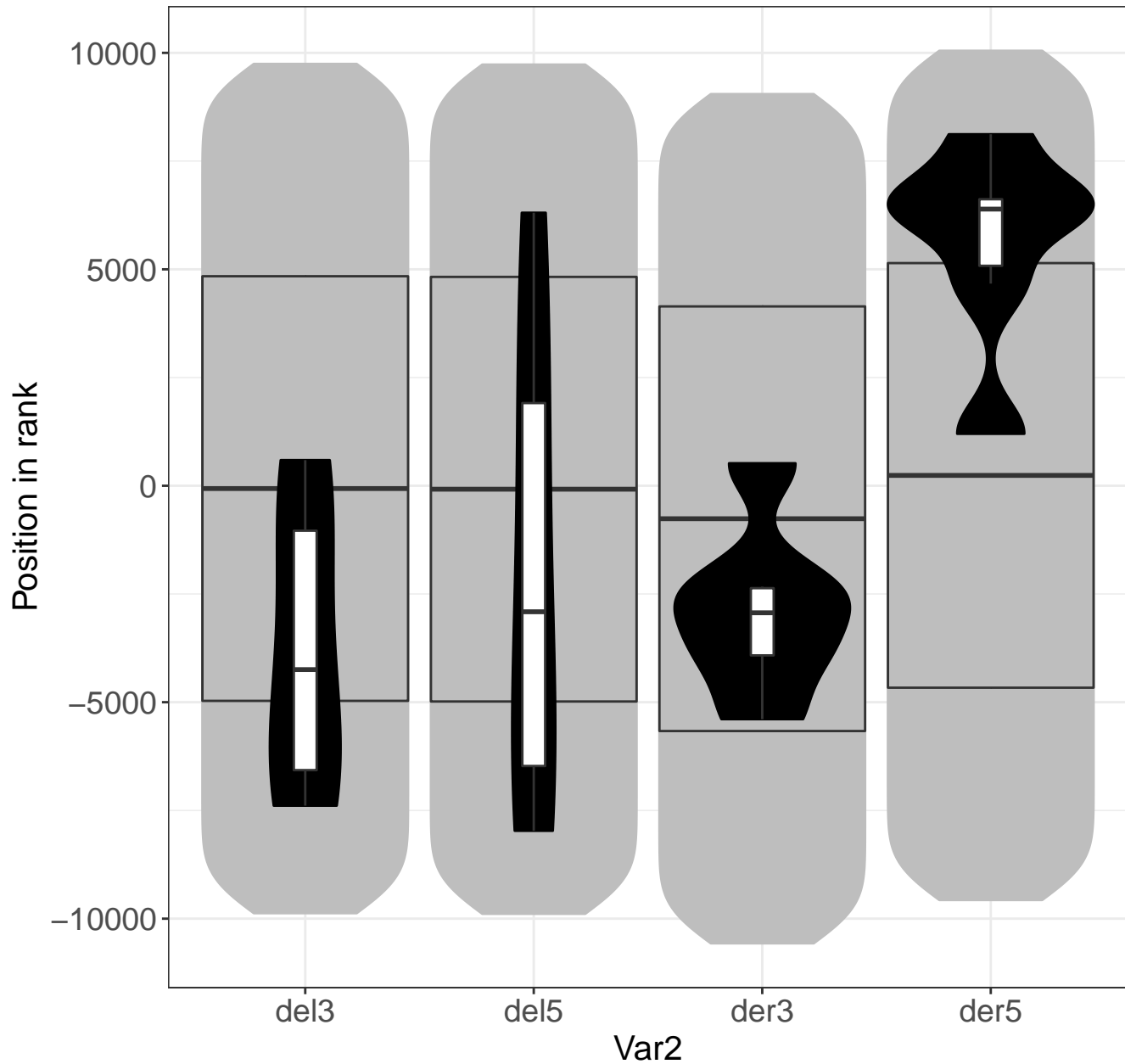
protein.synthesis.ribosome.biogenesis.BRIX



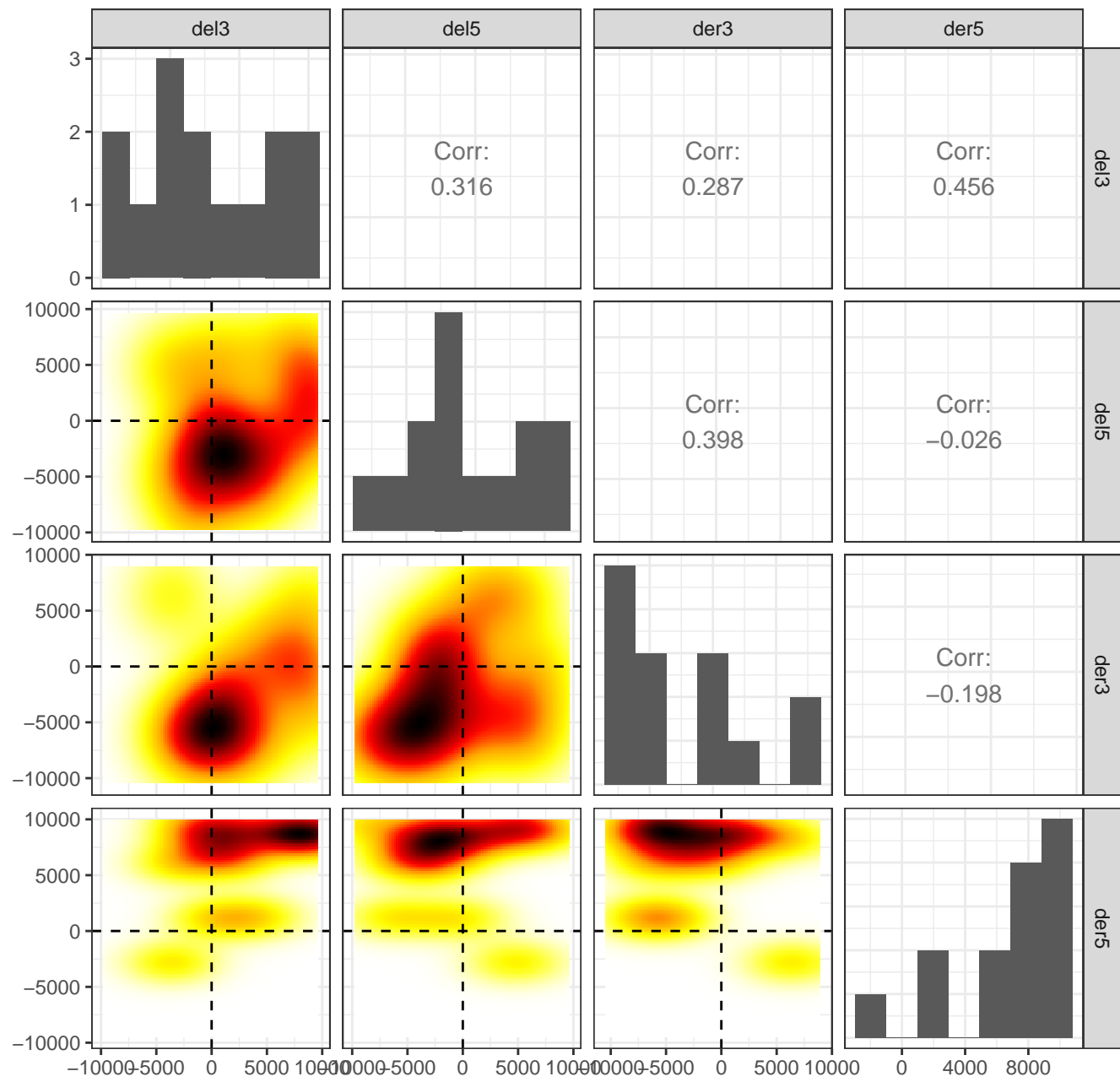
# protein.synthesis.ribosome.biogenesis.BRIX



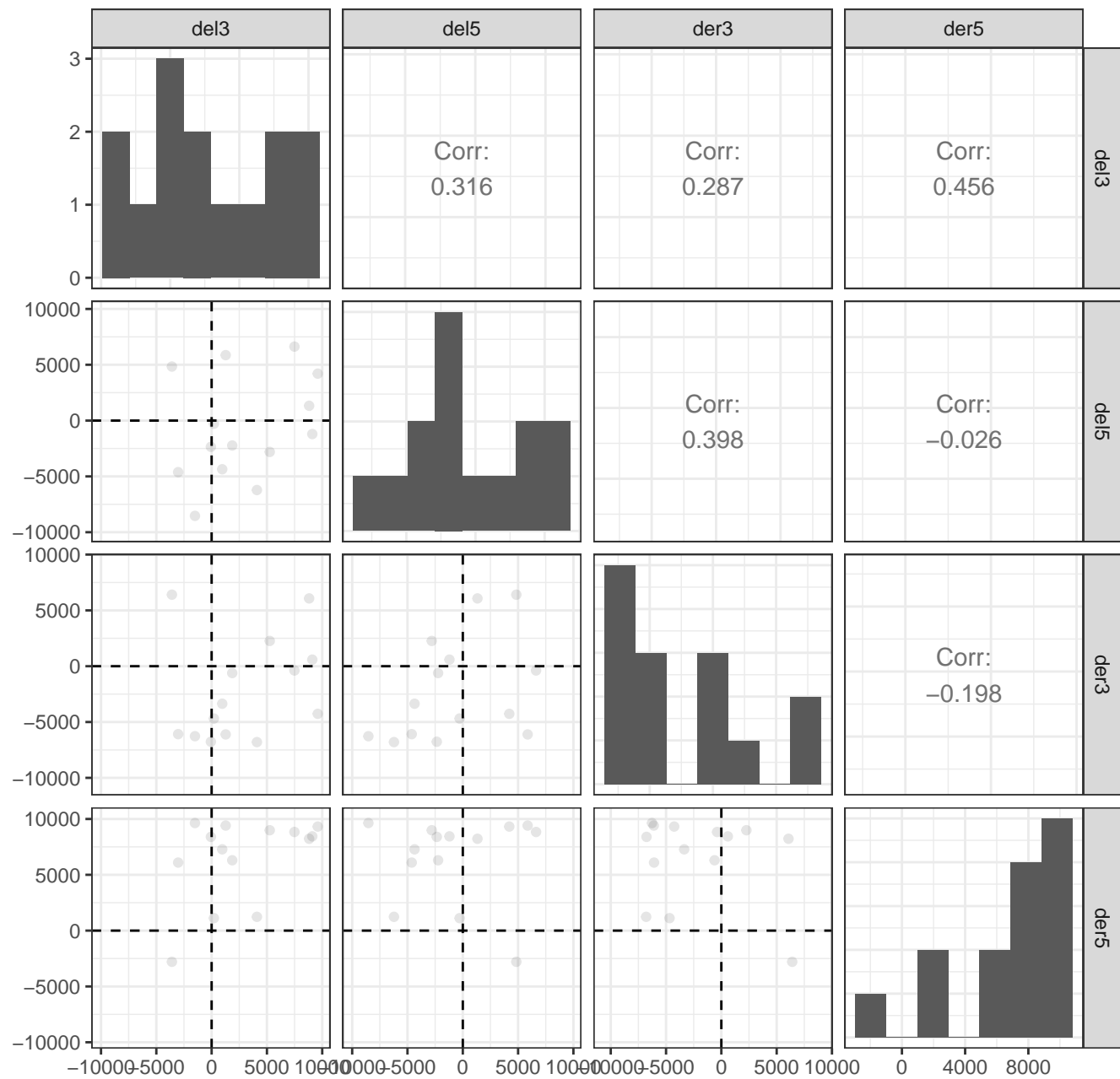
# protein.synthesis.ribosome.biogenesis.BRIX



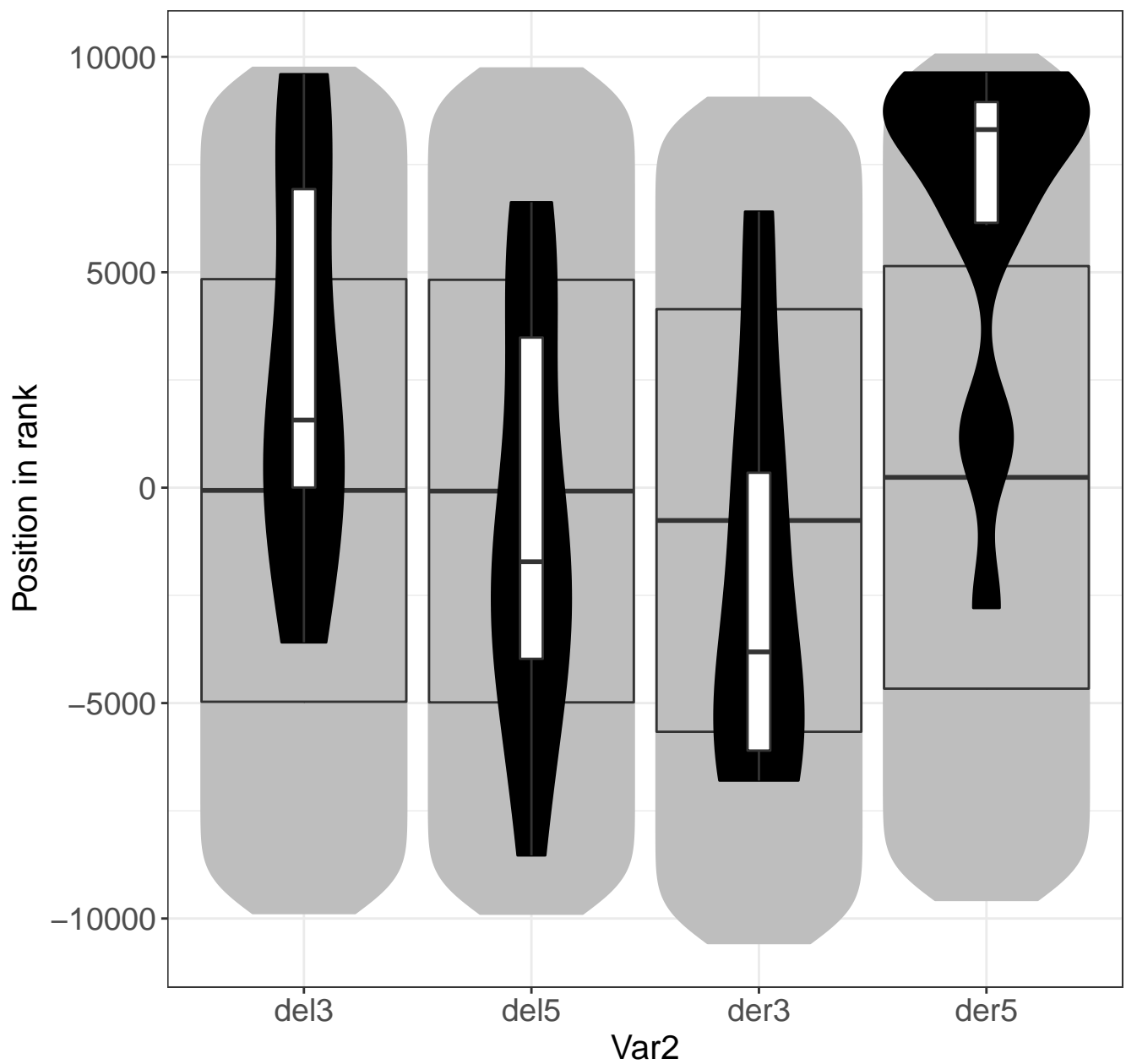
protein.synthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.D



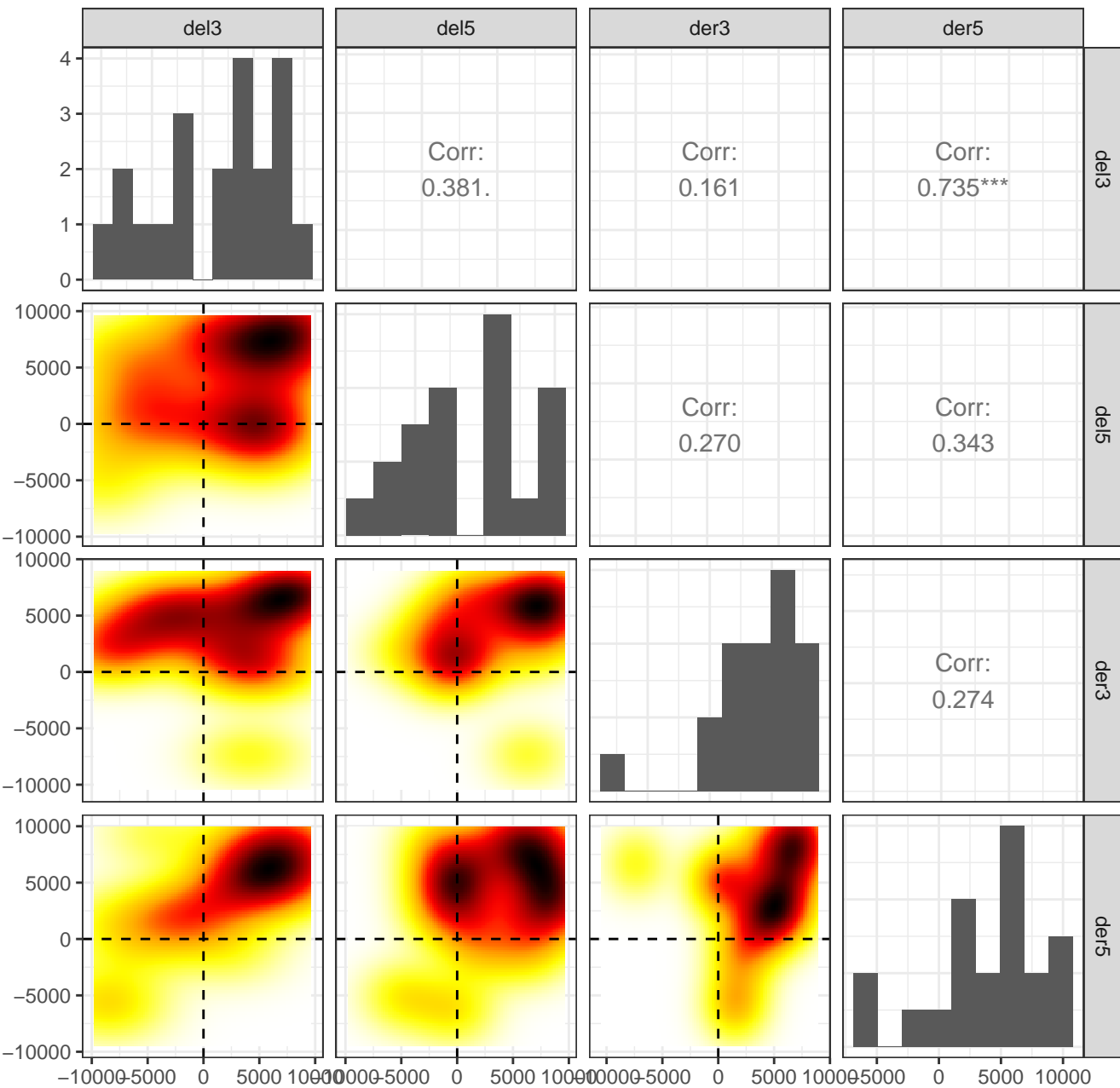
protein.synthesis.ribosome.biogenesis.Pre.rRNA.processing.and.modifications.D



protein.synthesis.ribosome.biogenesis.Pre.rRNA

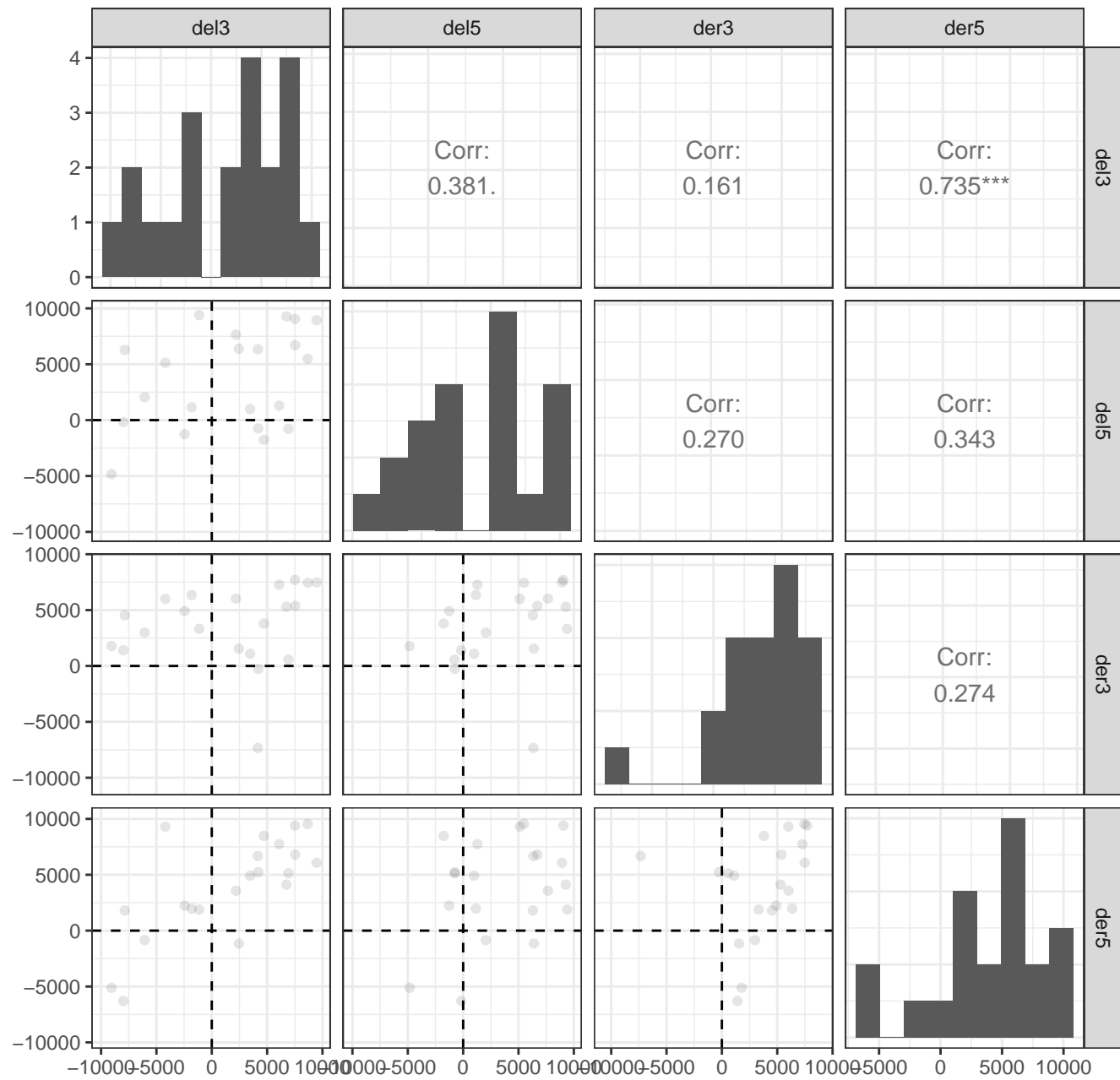


transport.metabolite.transporters.at.the.envelope.membrane

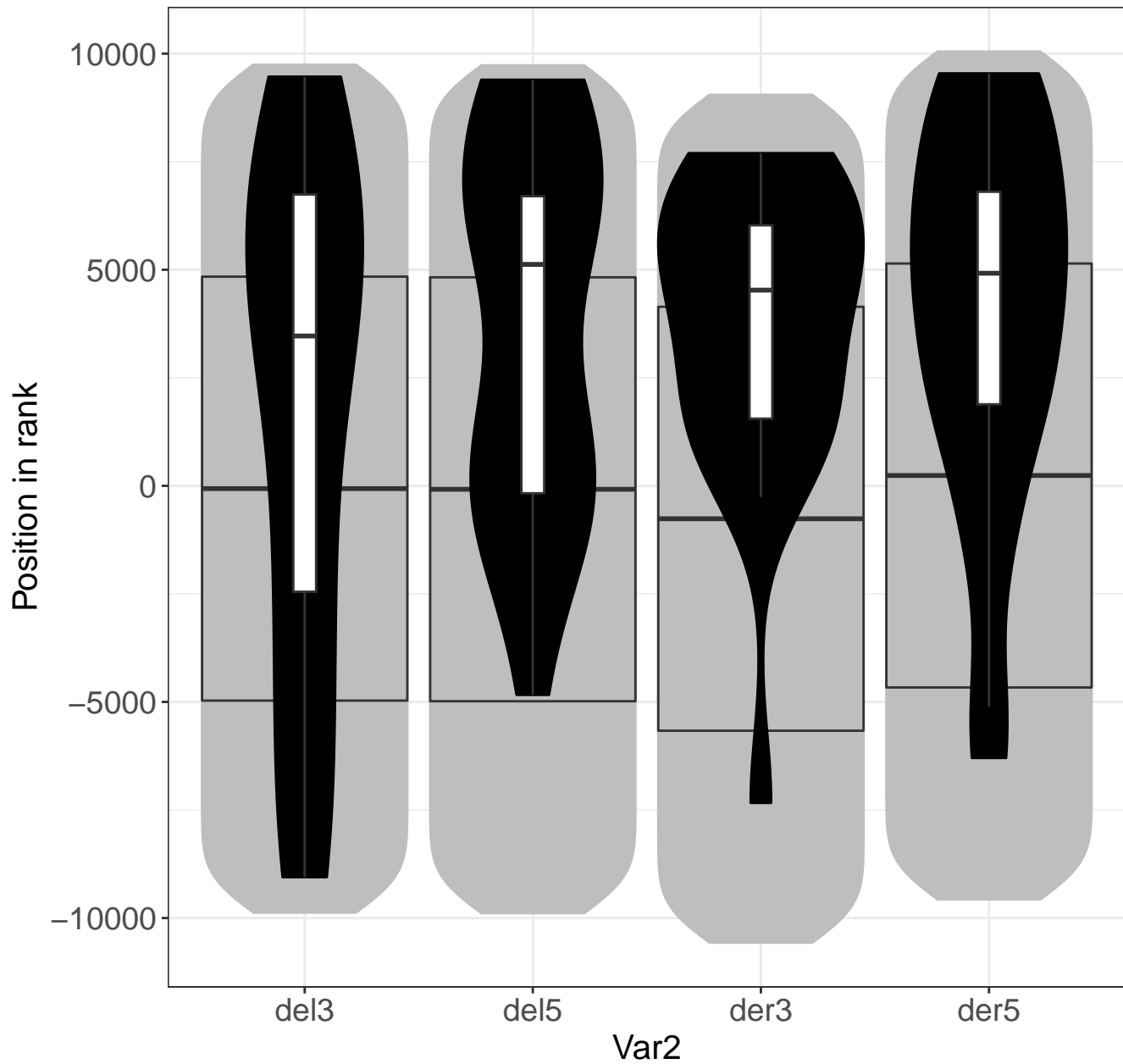




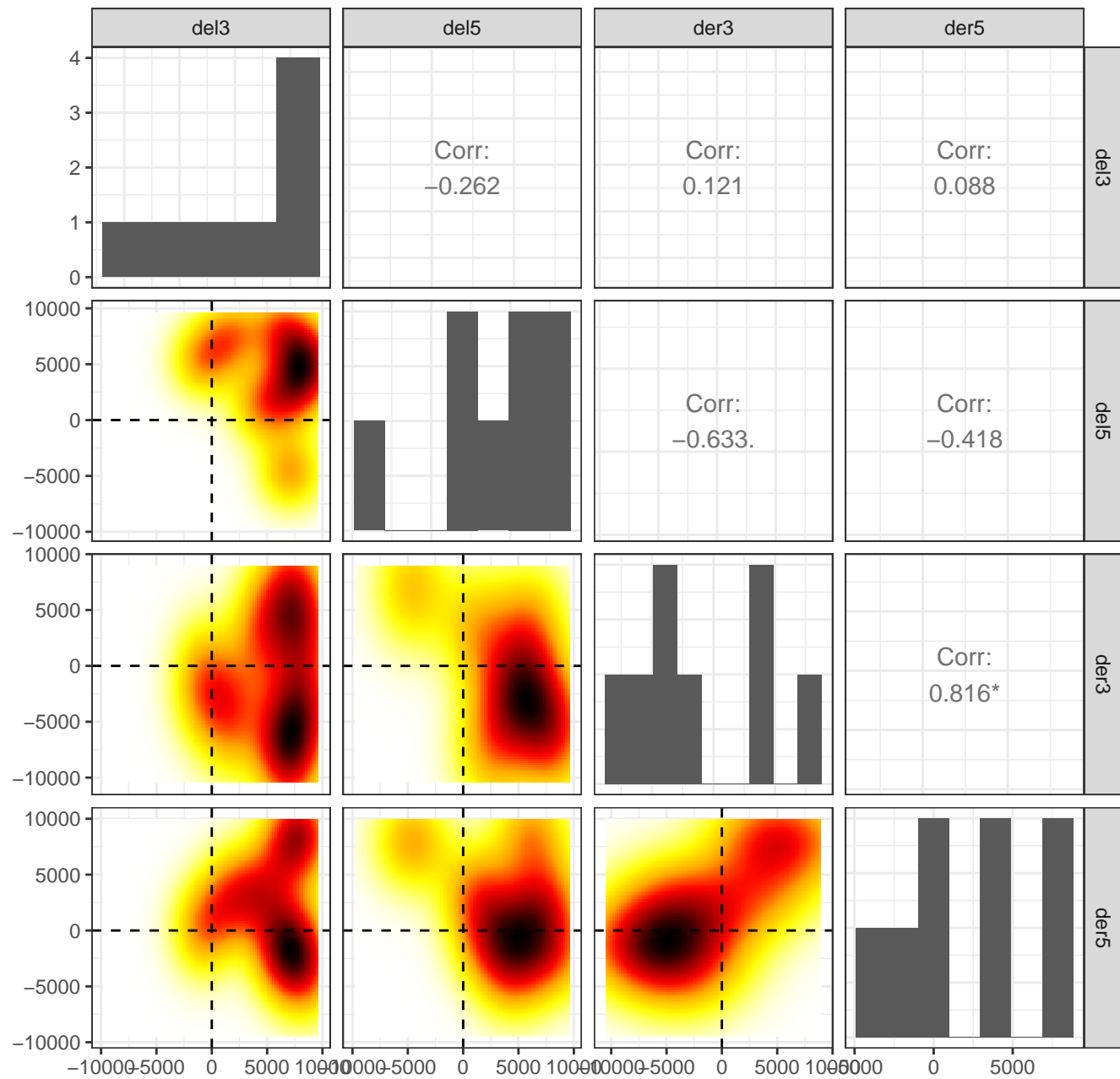
# transport.metabolite.transporters.at.the.envelope.membrane



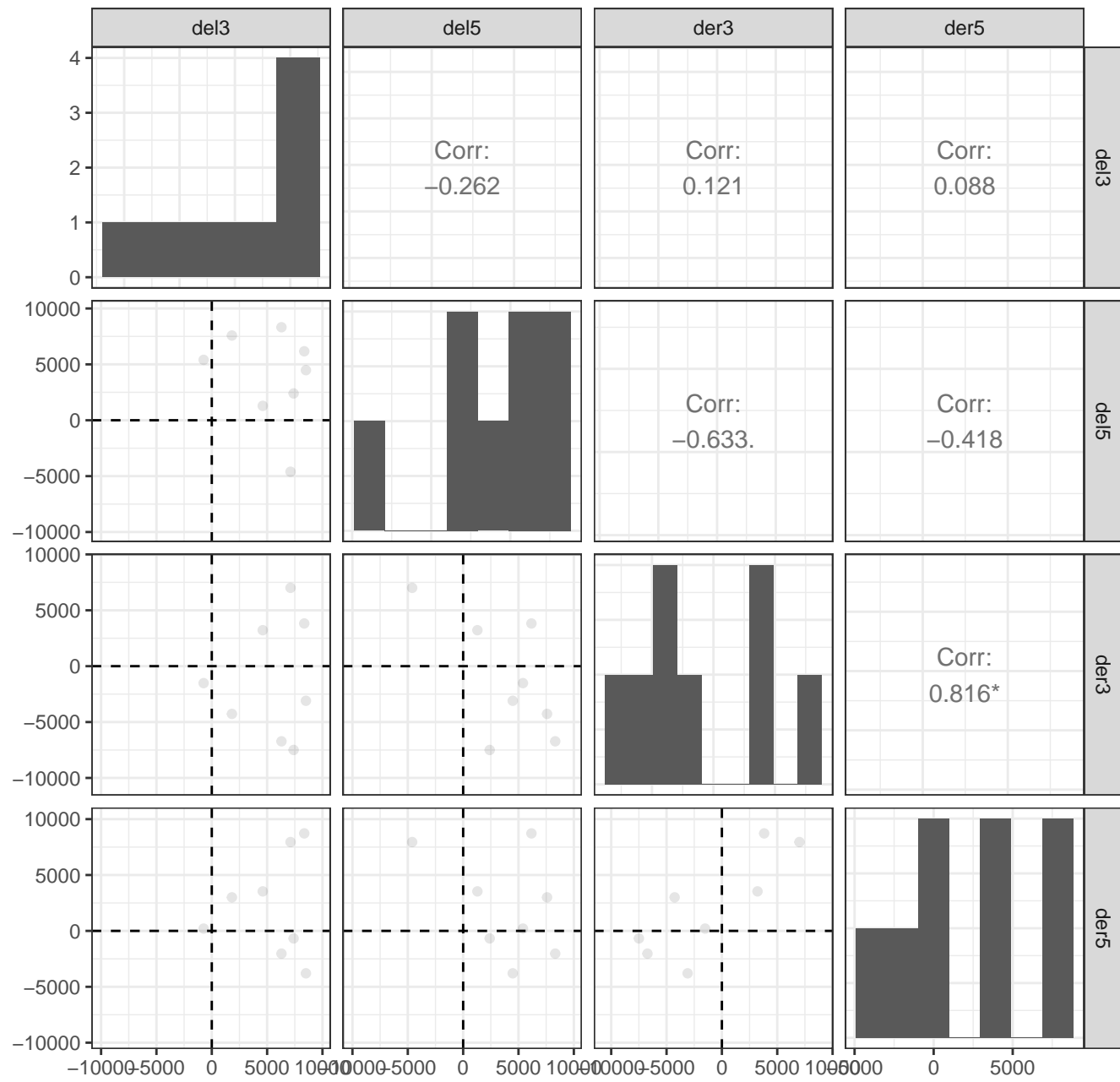
# transport.metabolite.transporters.at.the.envelope



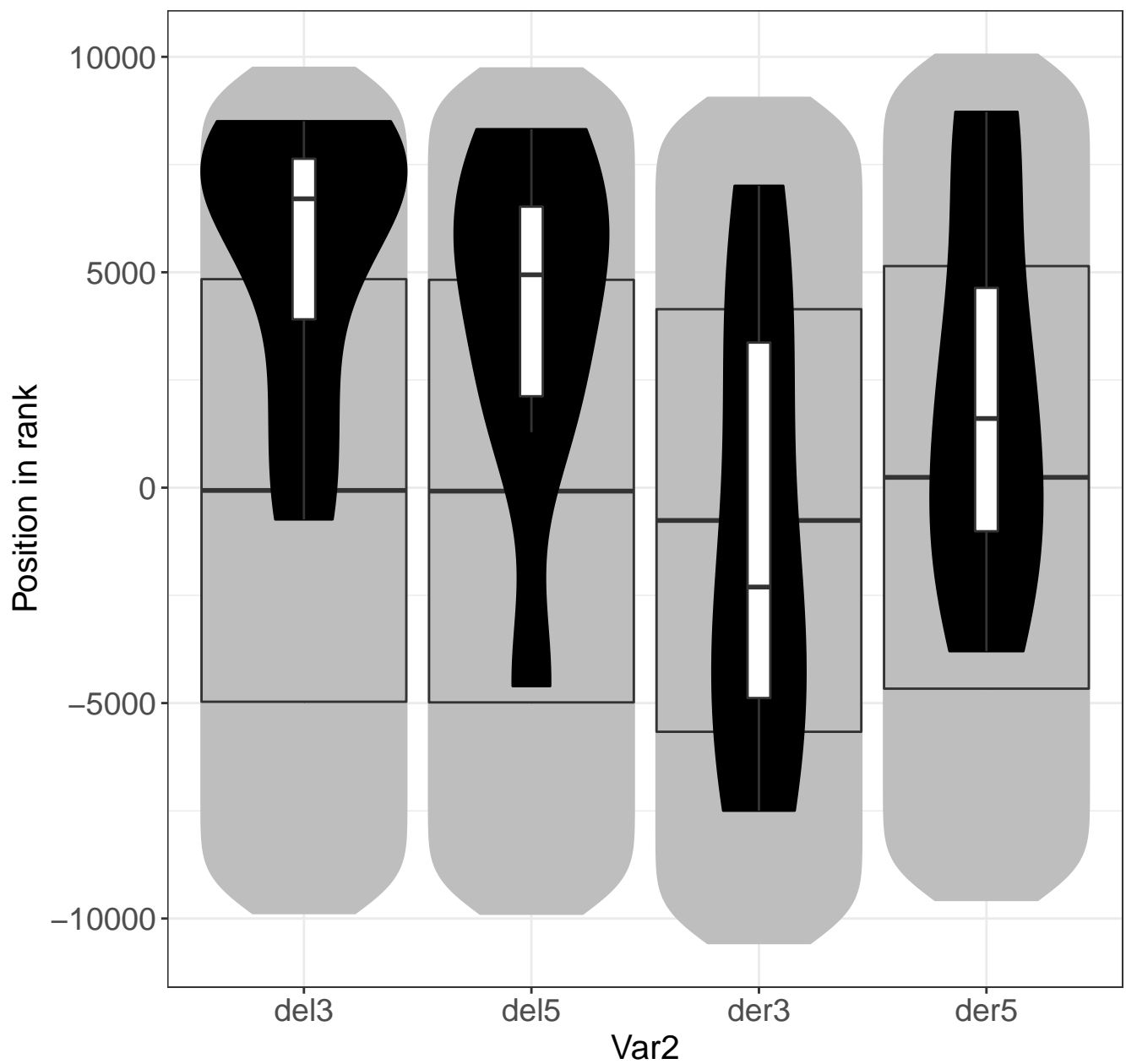
# major.CHO.metabolism.synthesis.starch.AGPase



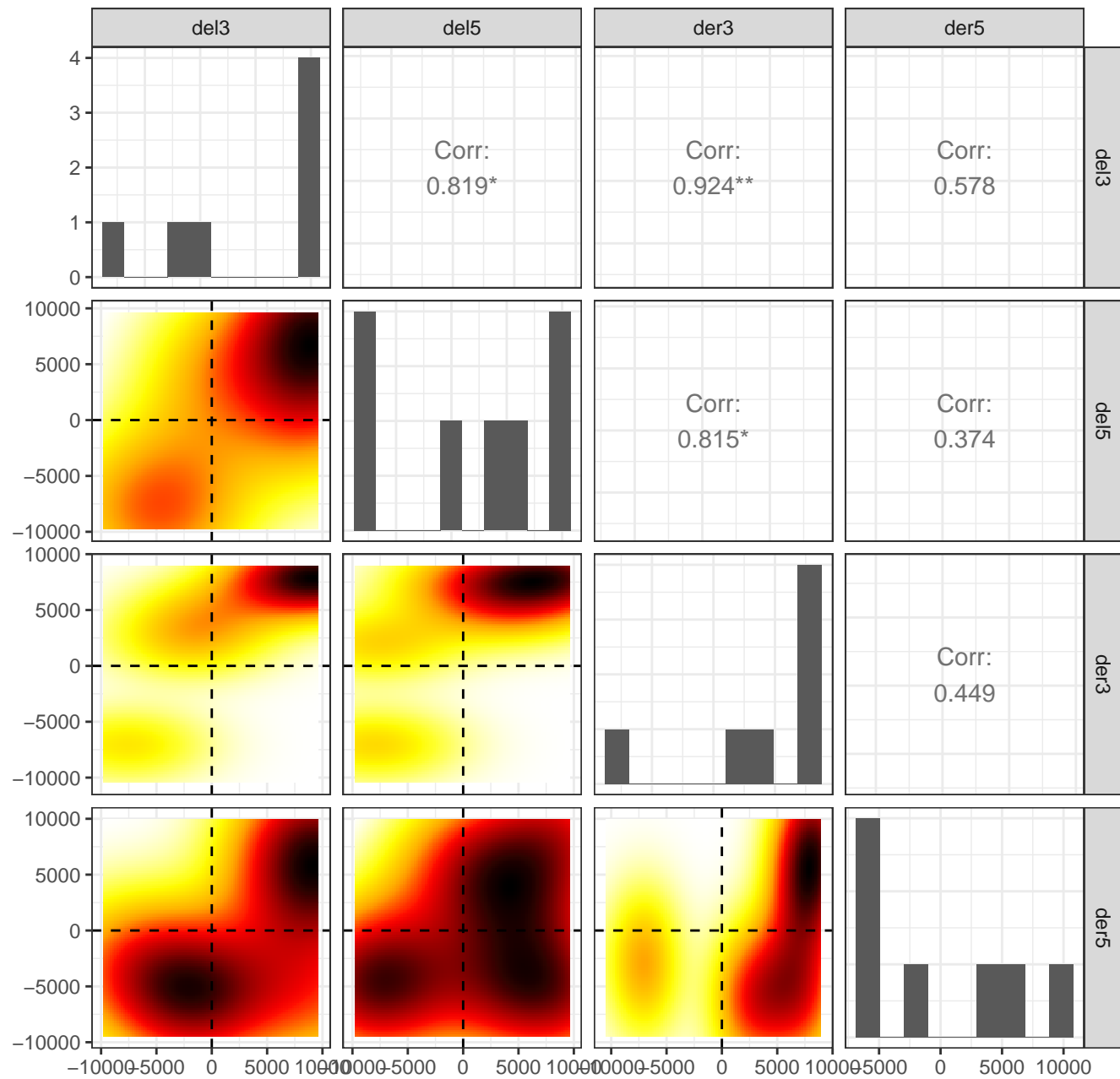
# major.CHO.metabolism.synthesis.starch.AGPase



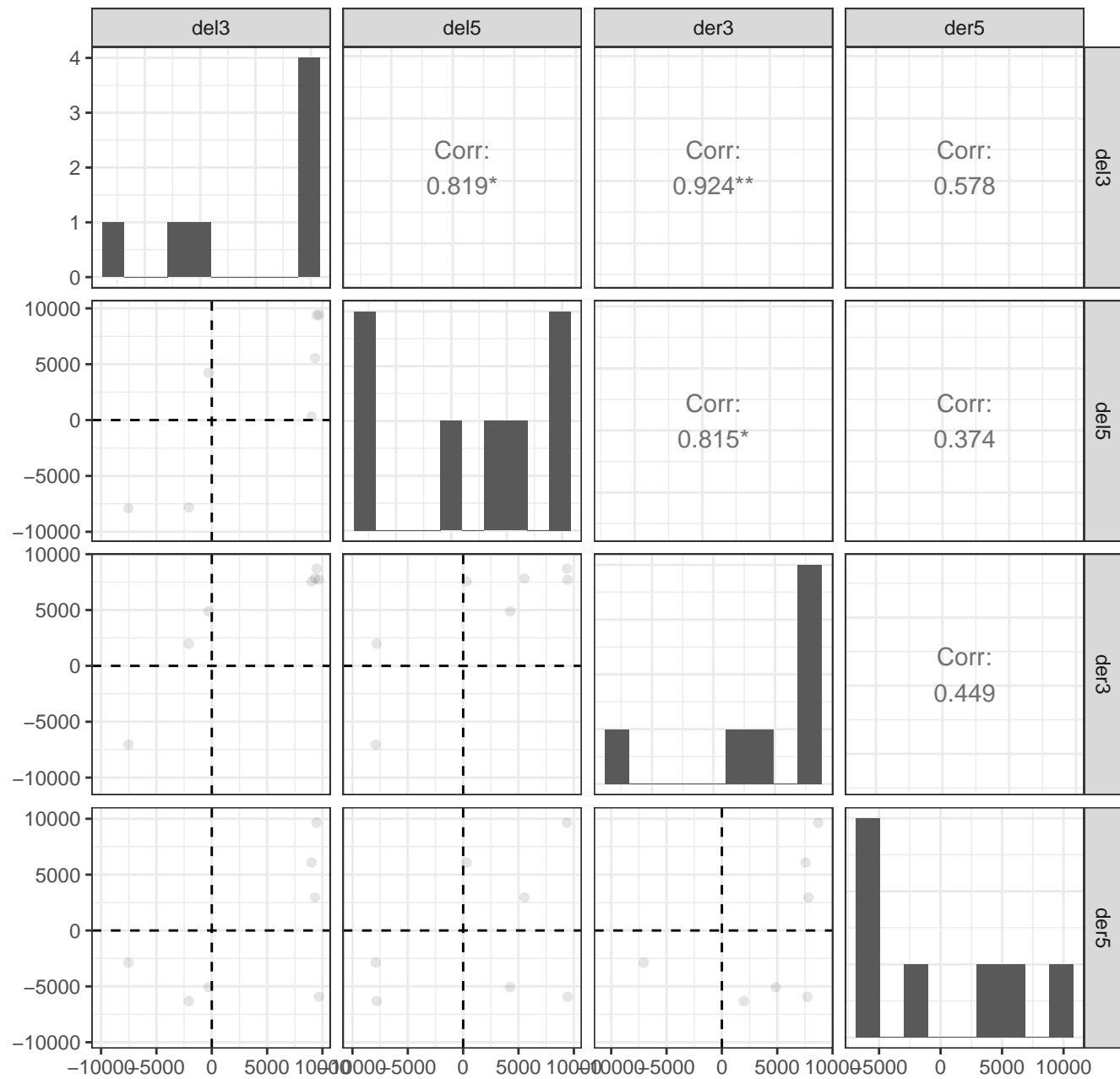
major.CHO.metabolism.synthesis.starch.AGPase



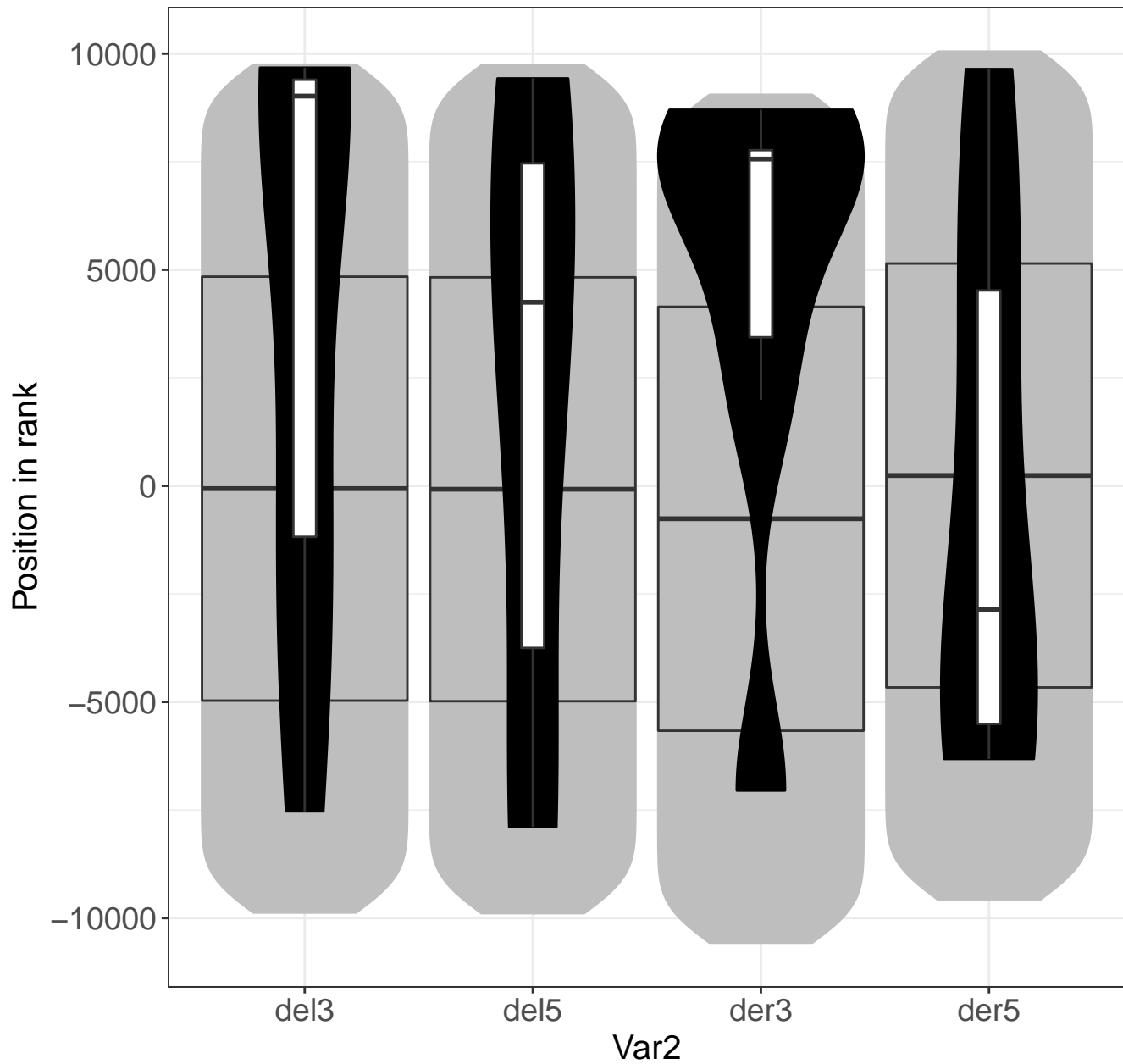
# cell.wall.cellulose.synthesis.COBRA



# cell.wall.cellulose.synthesis.COBRA

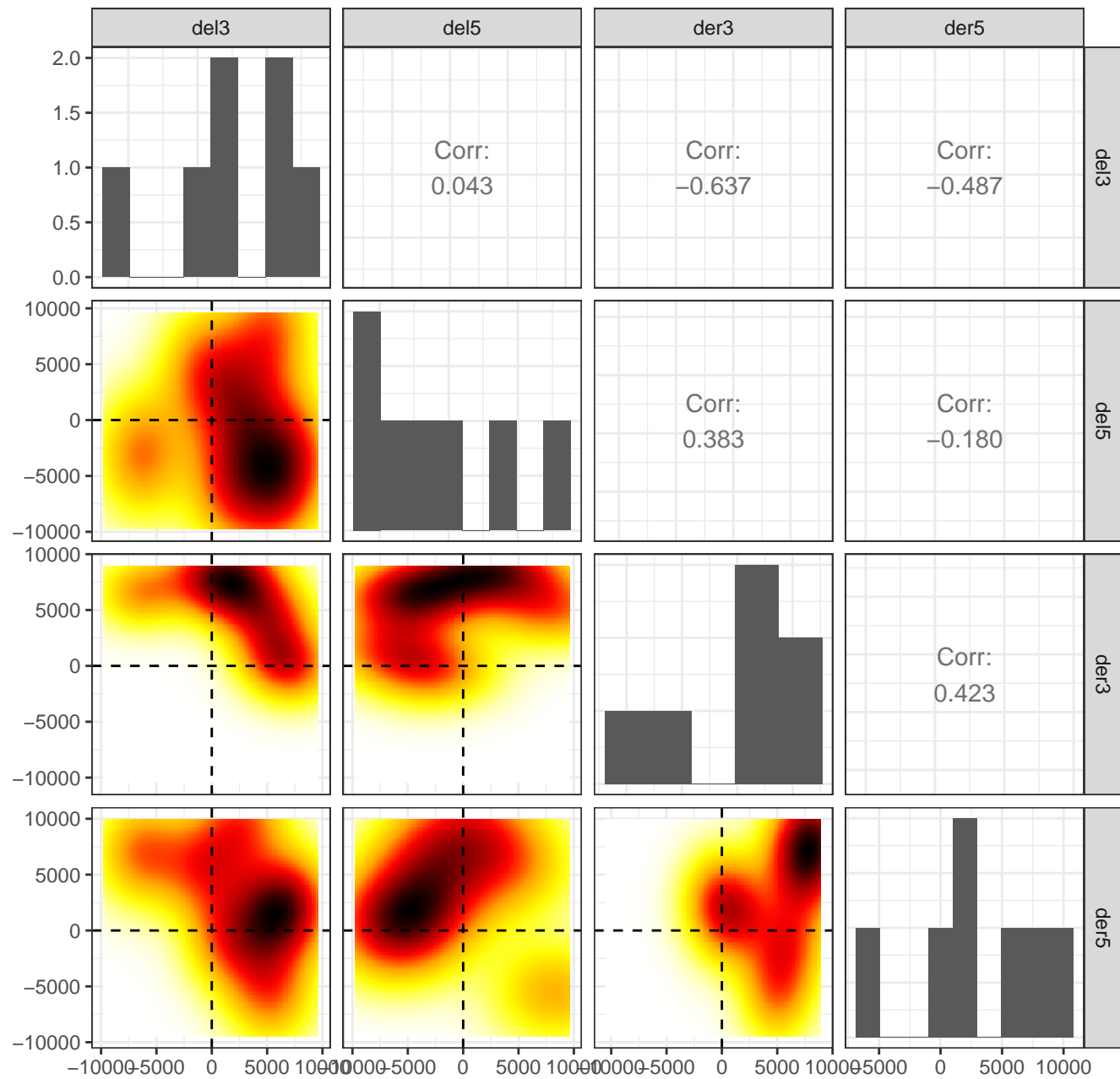


# cell.wall.cellulose.synthesis.COBRA

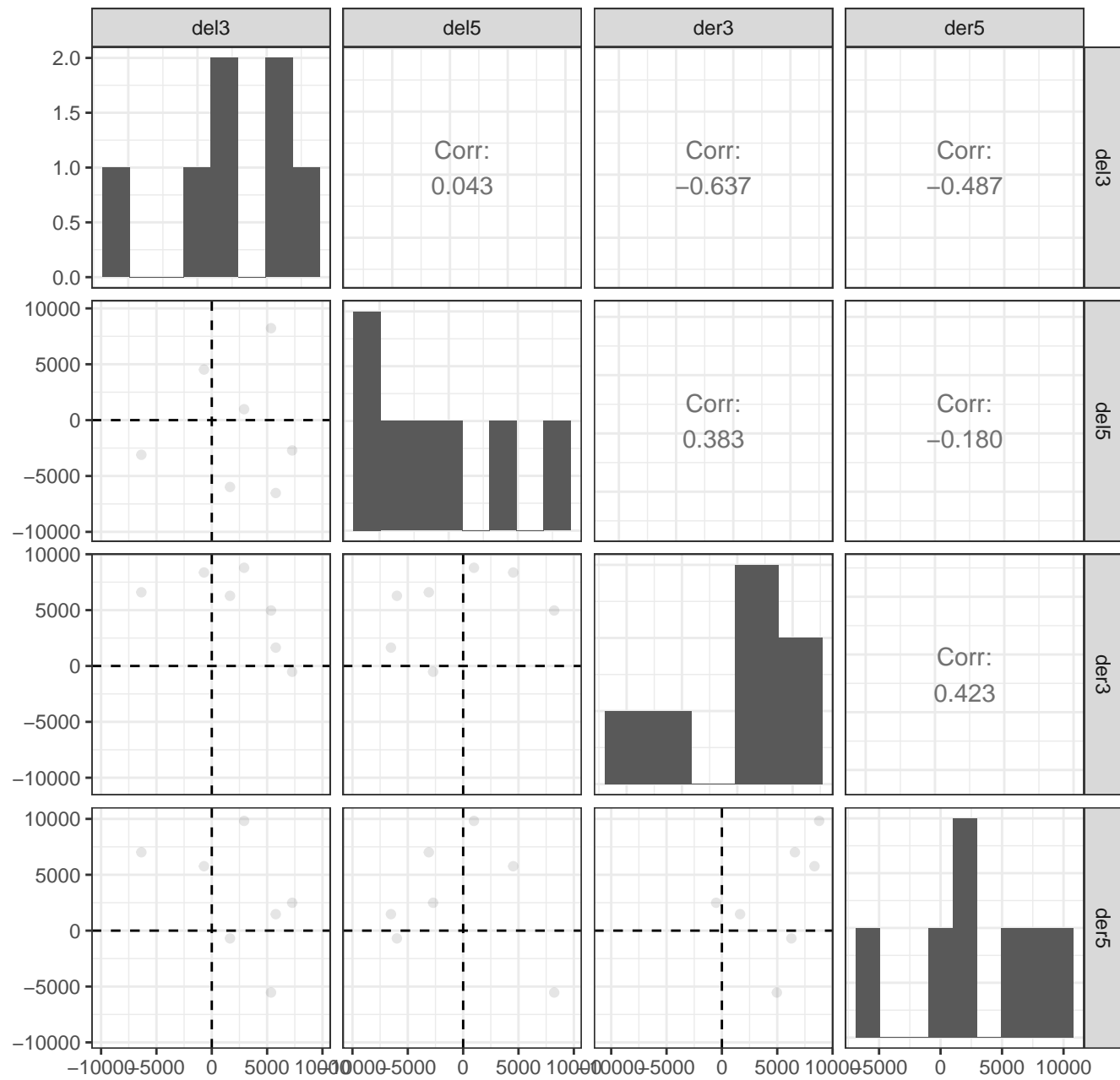




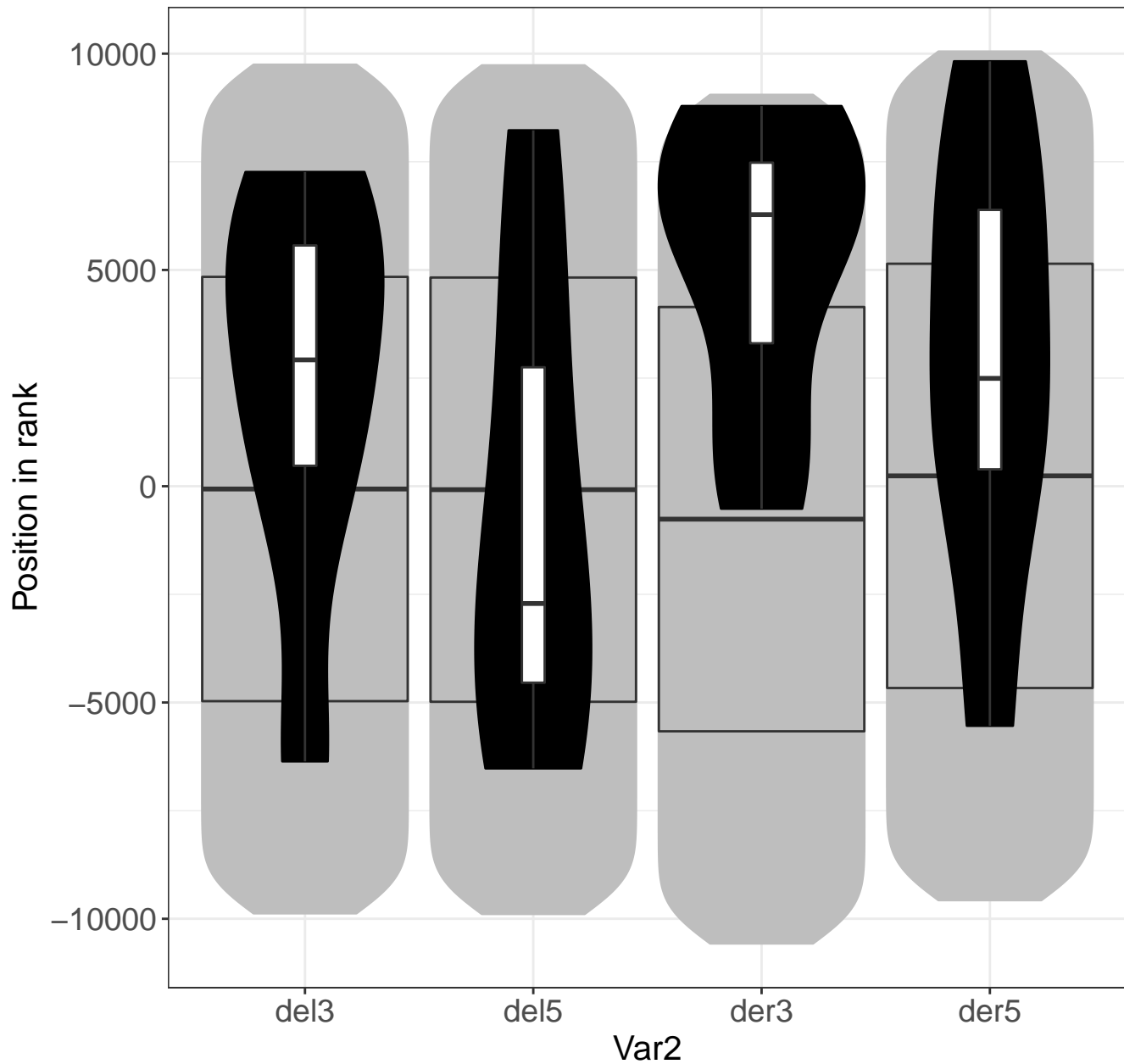
# secondary.metabolism.flavonoids.flavonols



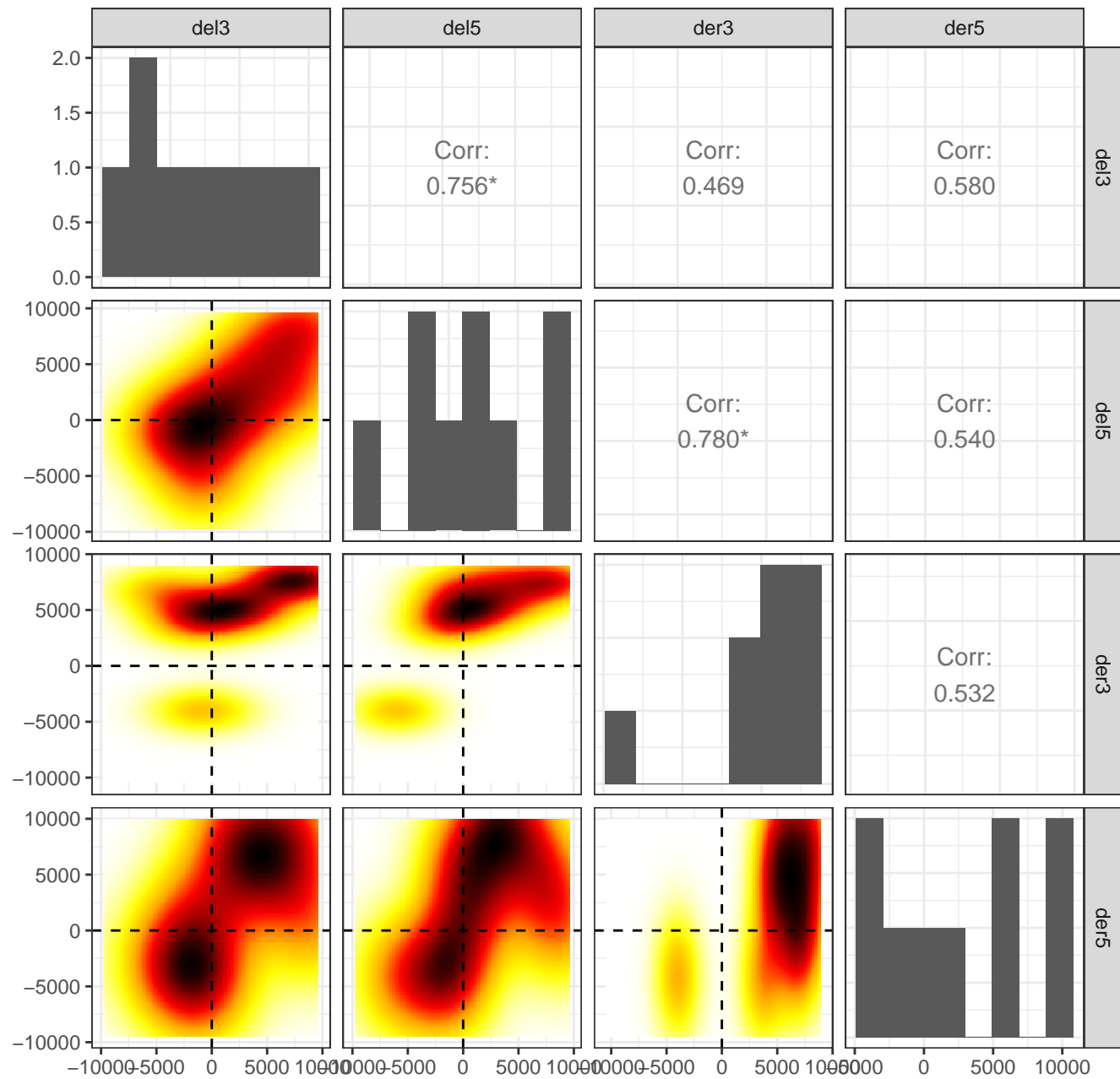
# secondary.metabolism.flavonoids.flavonols



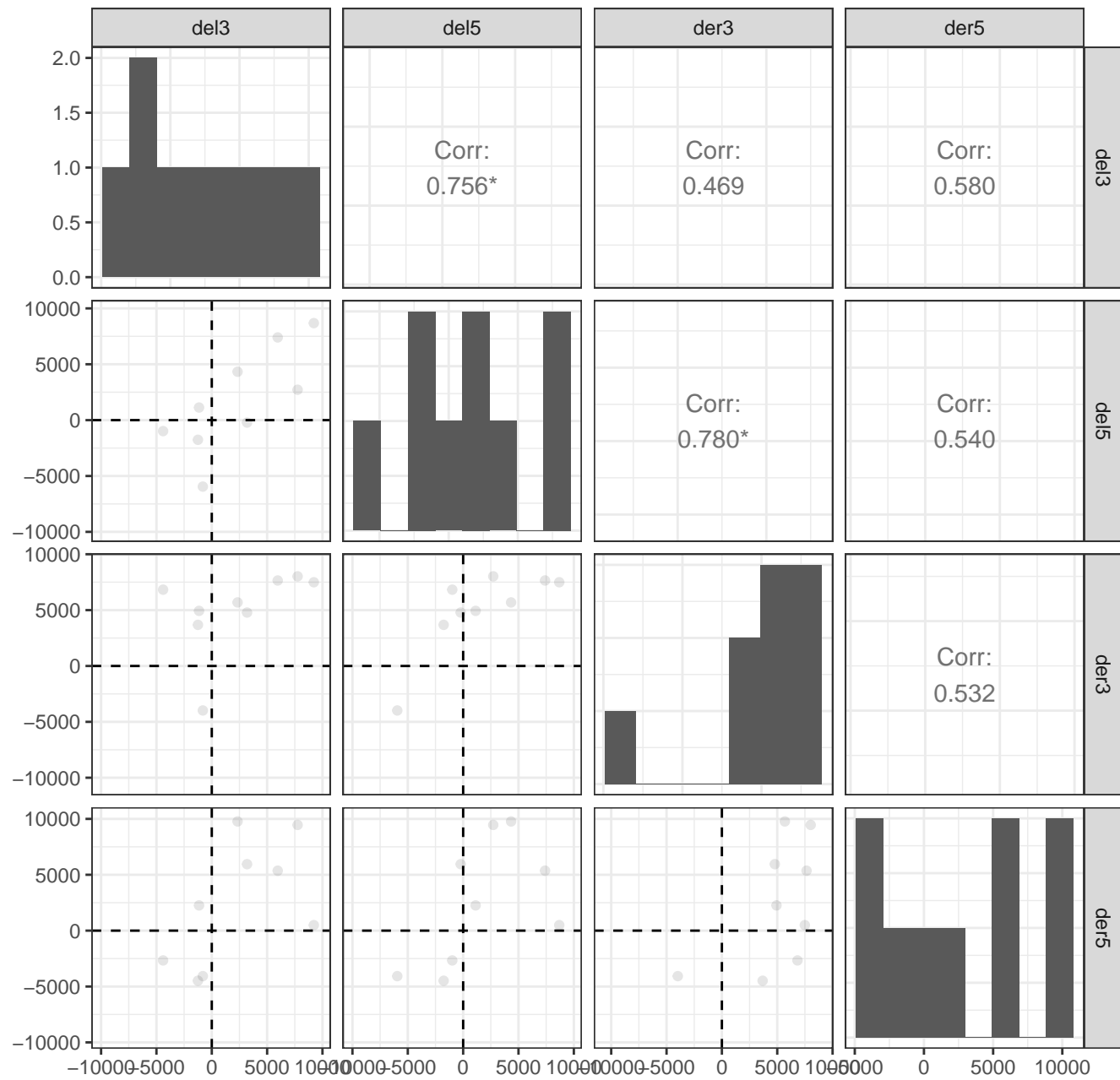
# secondary.metabolism.flavonoids.flavonols



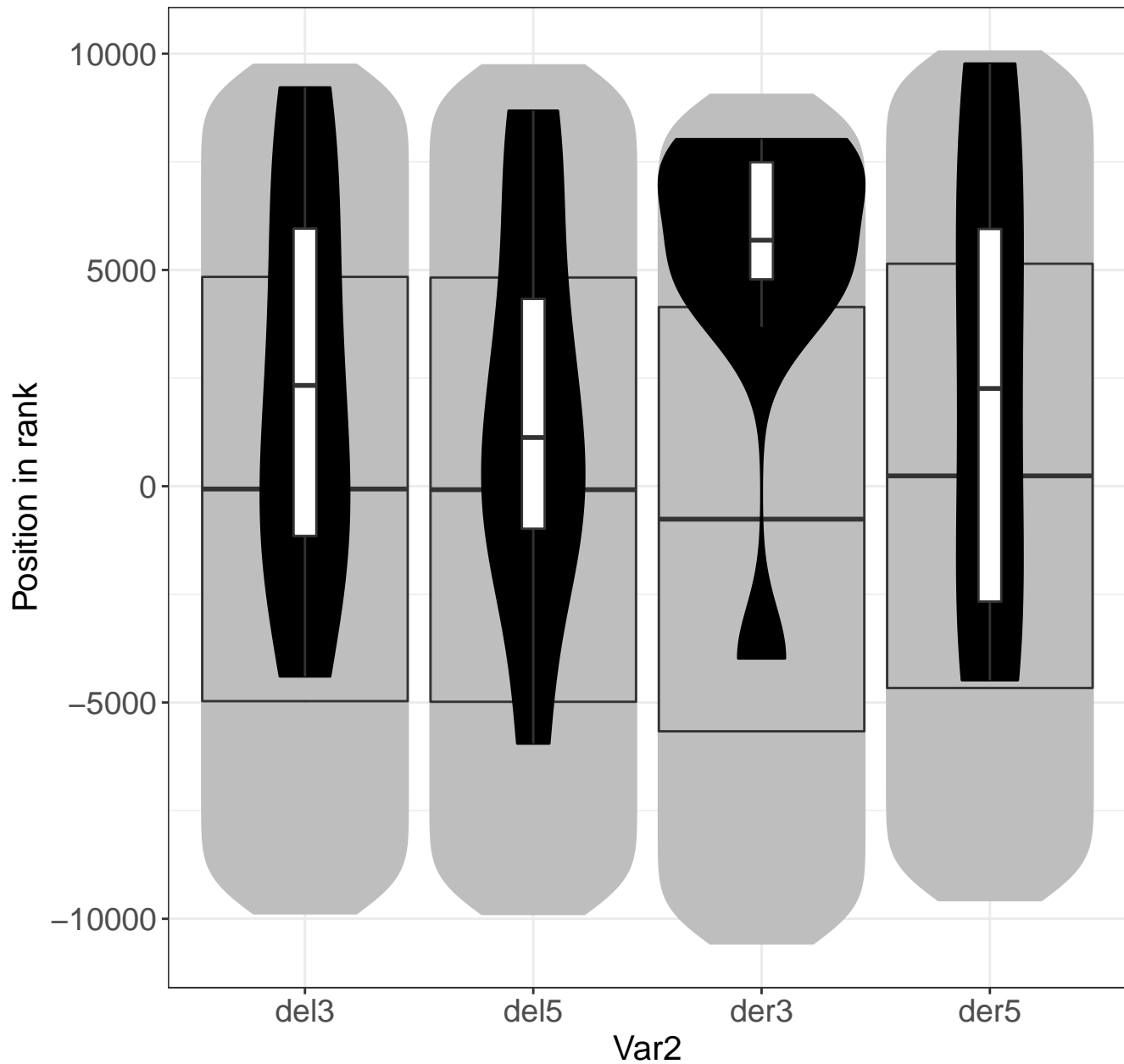
# cell.wall.hemicellulose.synthesis.glucuronoxylan



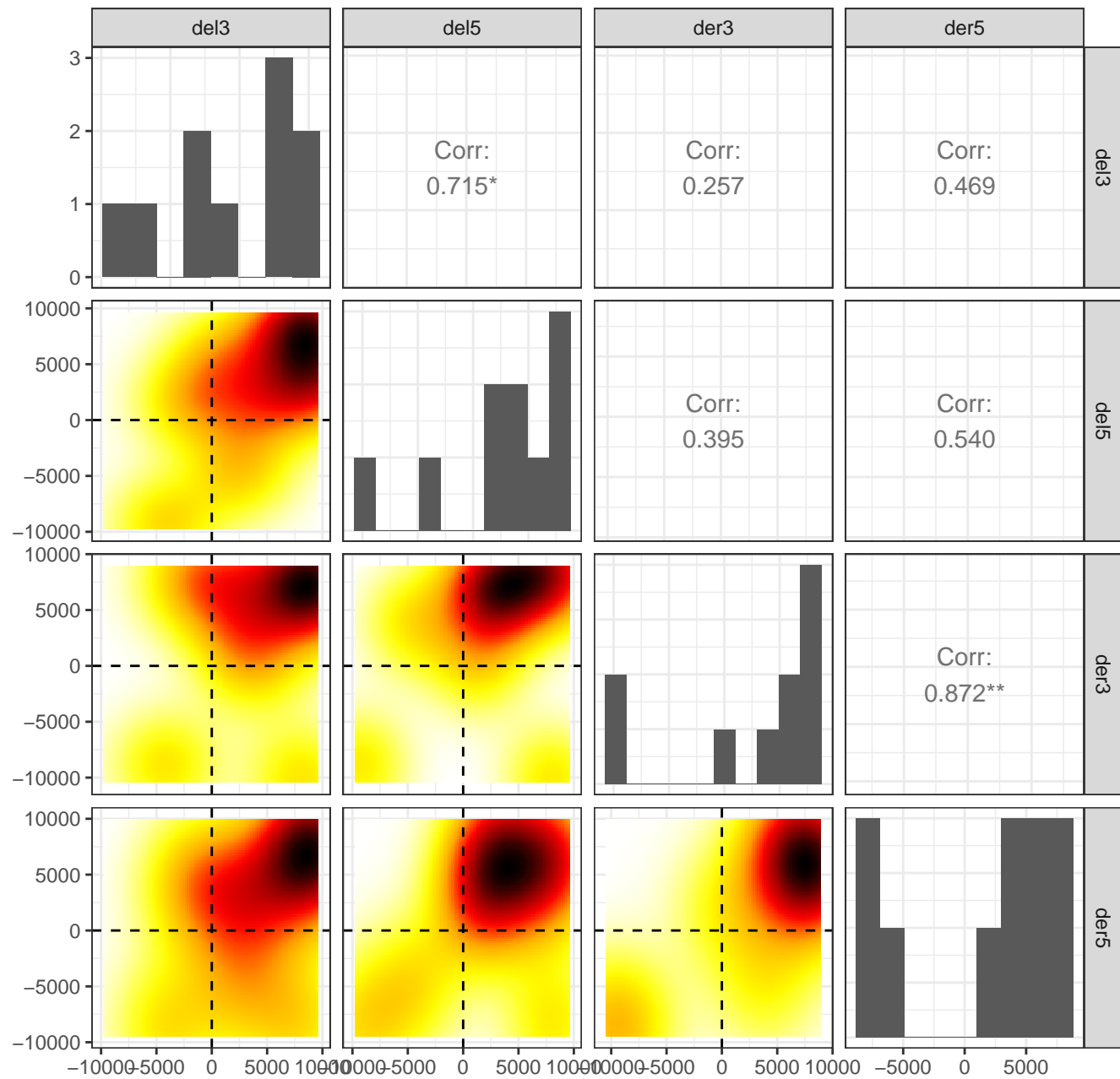
# cell.wall.hemicellulose.synthesis.glucuronoxylan



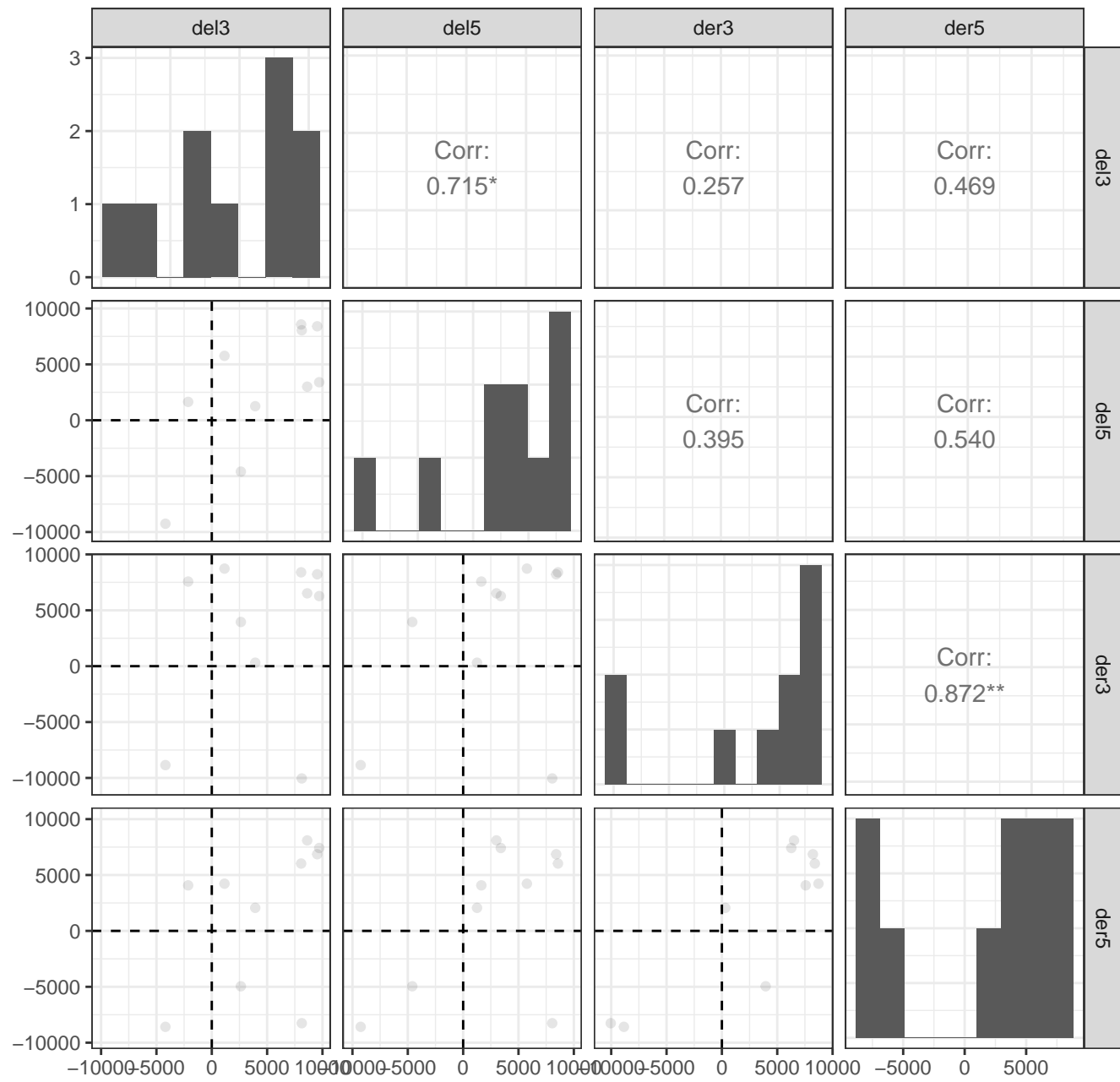
# cell.wall.hemicellulose.synthesis.glucuronoxylan



# RNA.regulation.of.transcription.CCAAT.box.binding.factor.family..HAP2

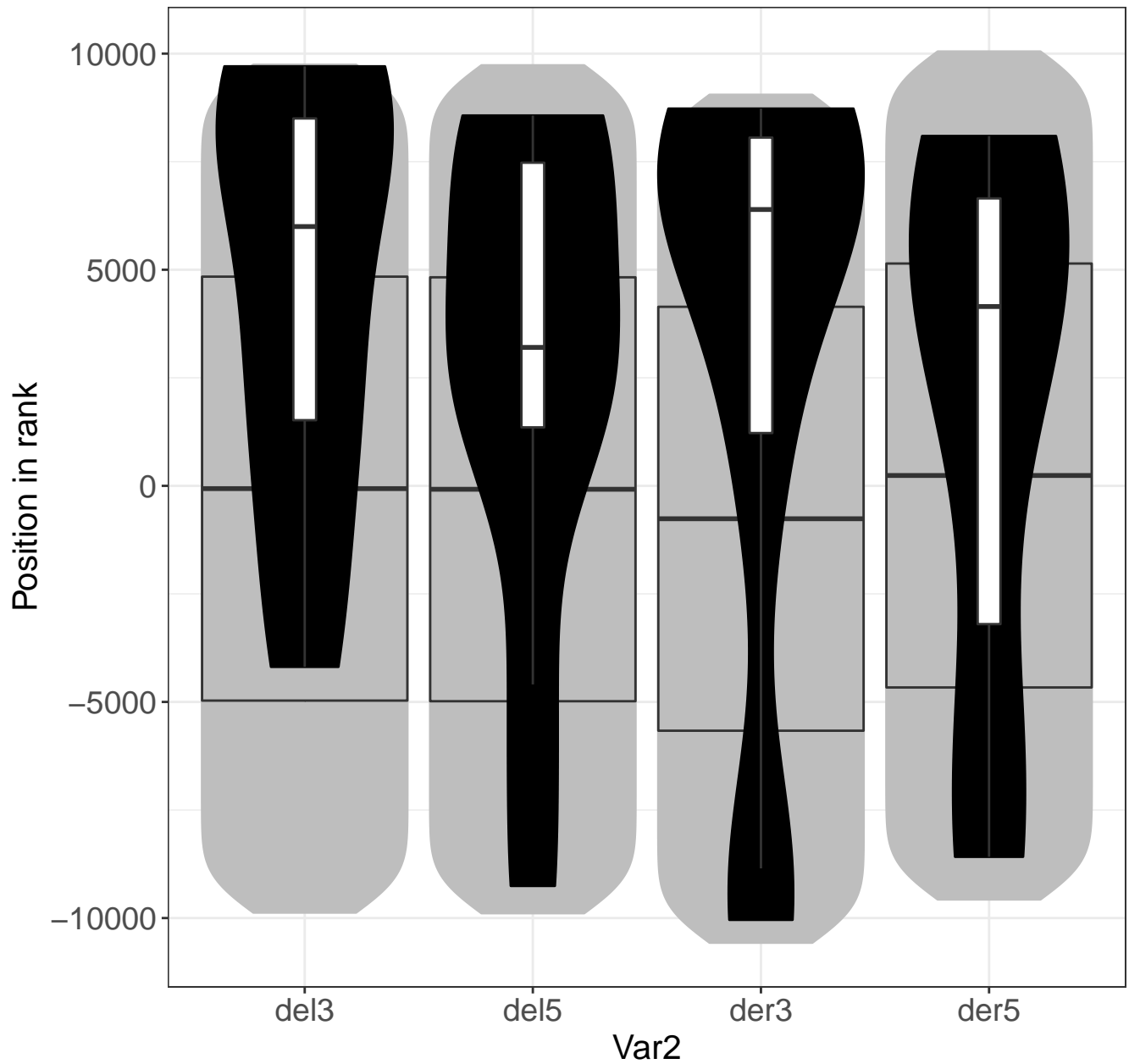


# RNA.regulation.of.transcription.CCAAT.box.binding.factor.family..HAP2

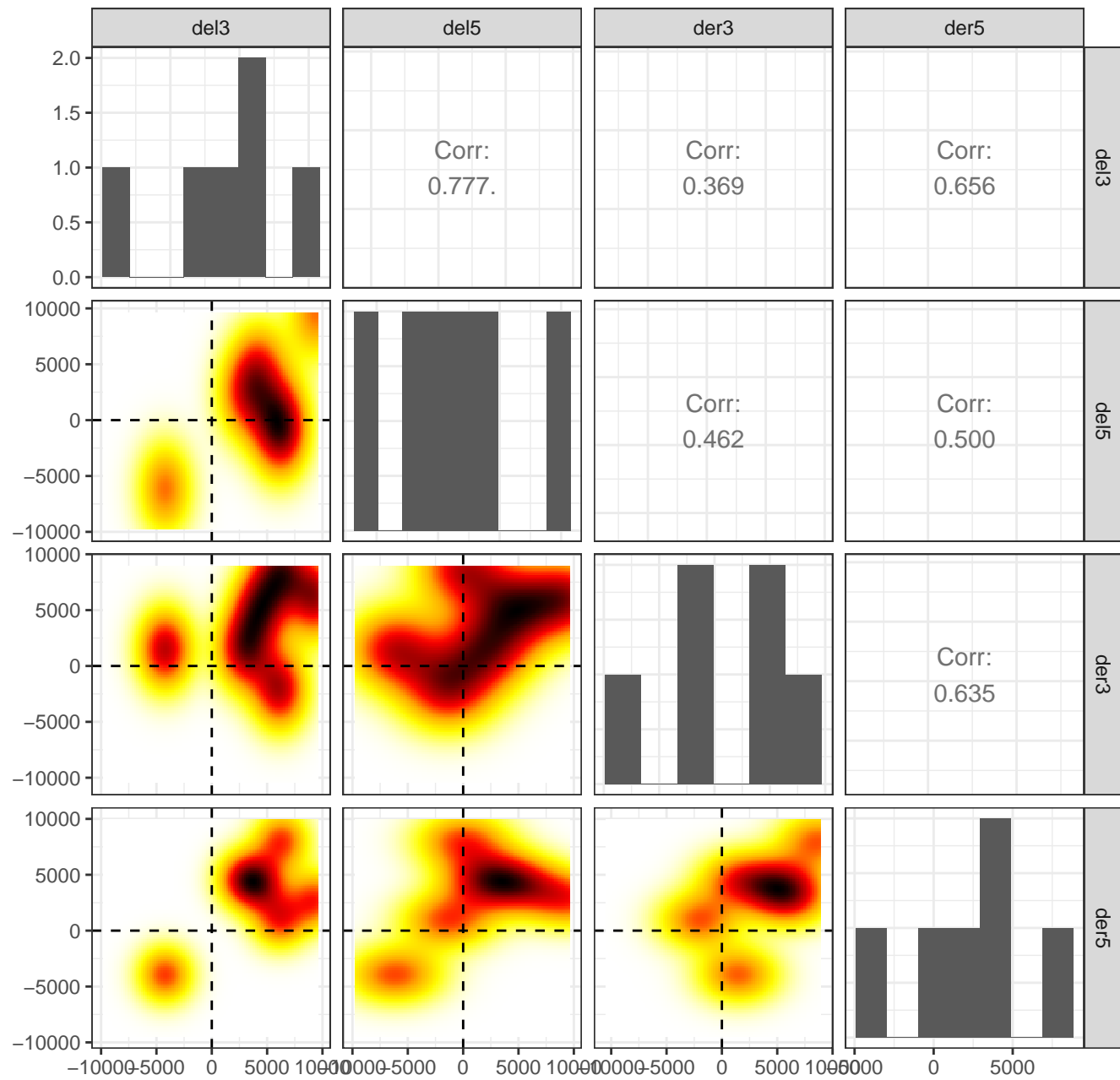




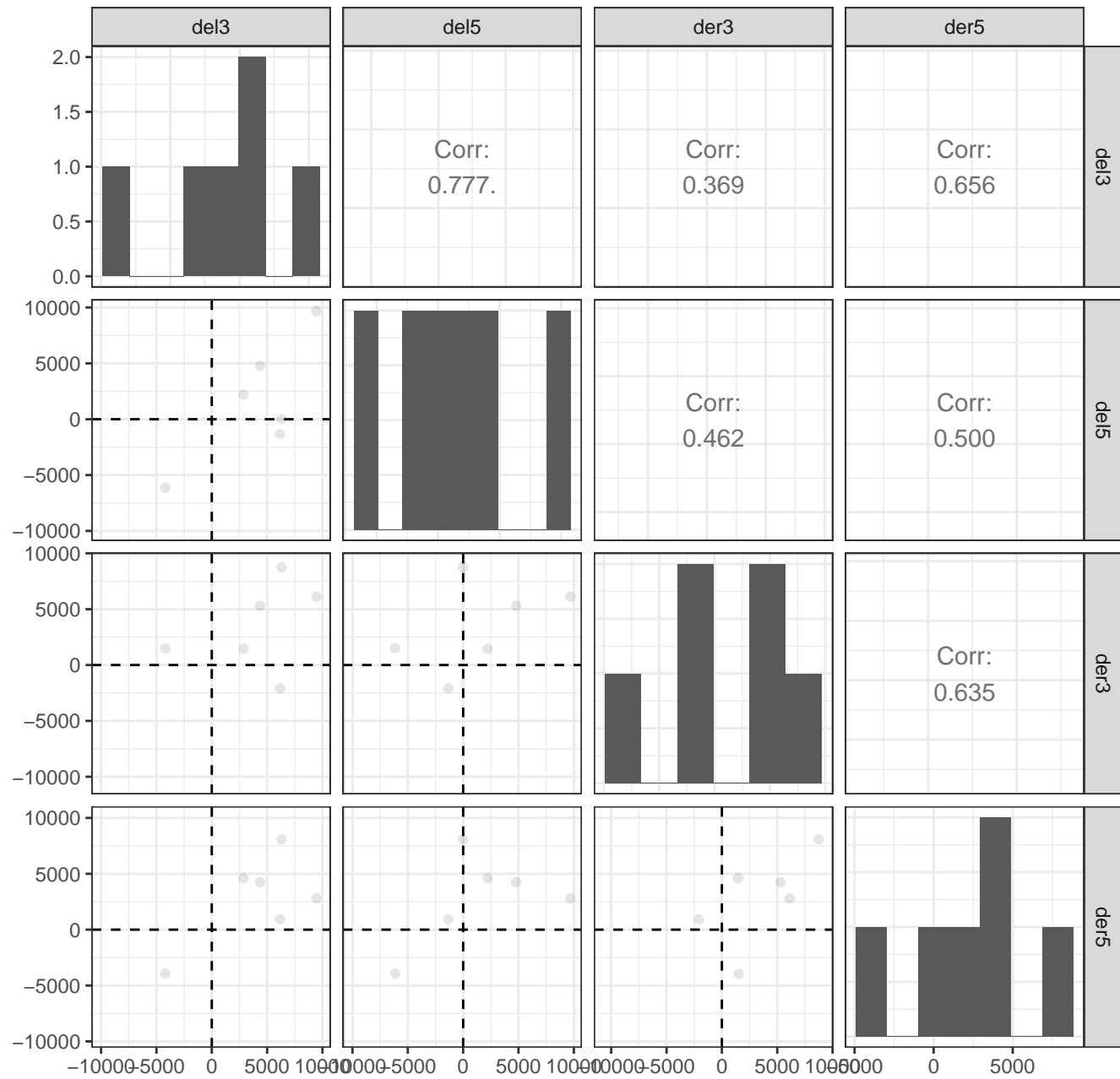
# RNA.regulation.of.transcription.CCAAT.box.binding



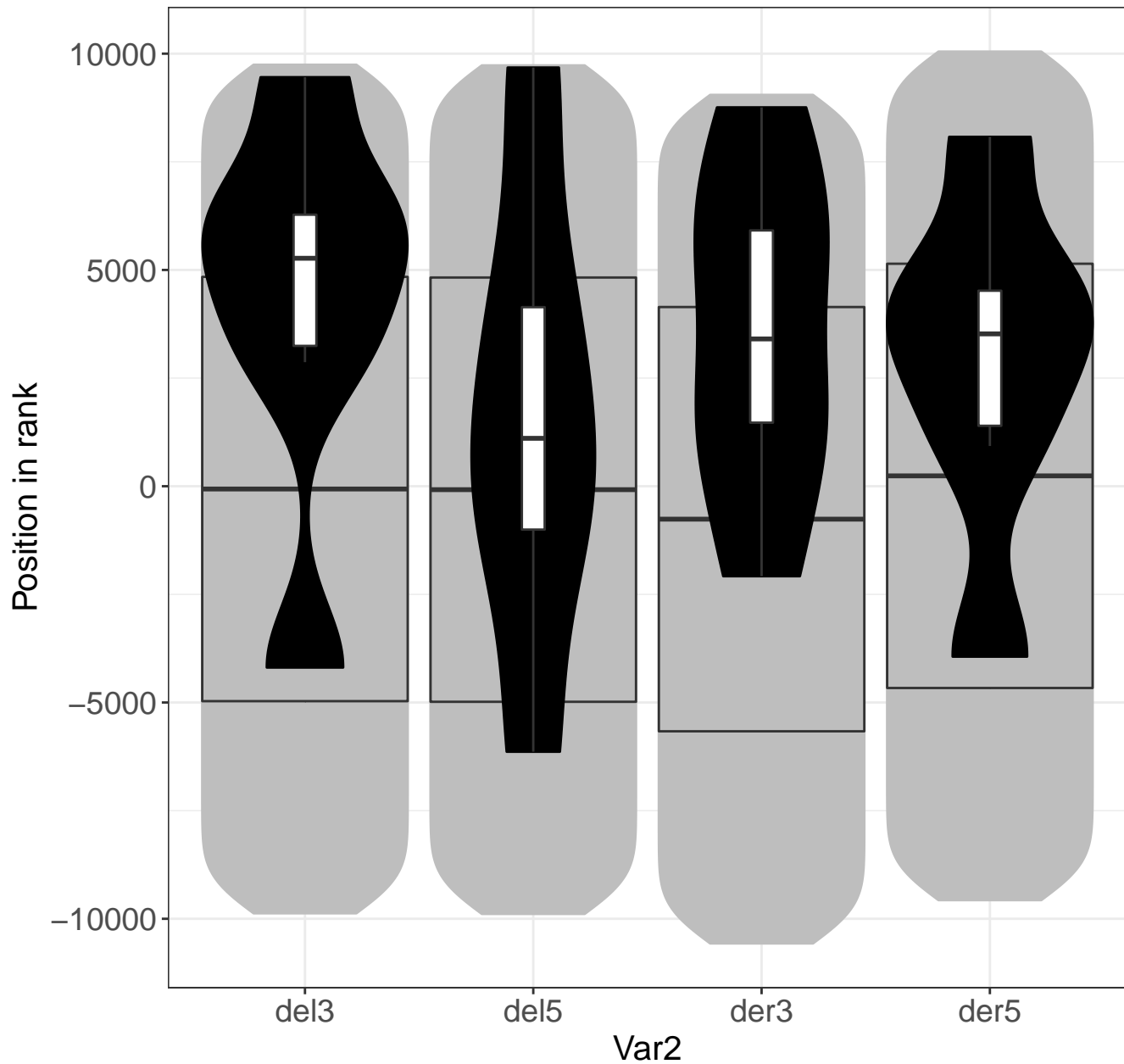
# cell.wall.pectin.esterases.misc



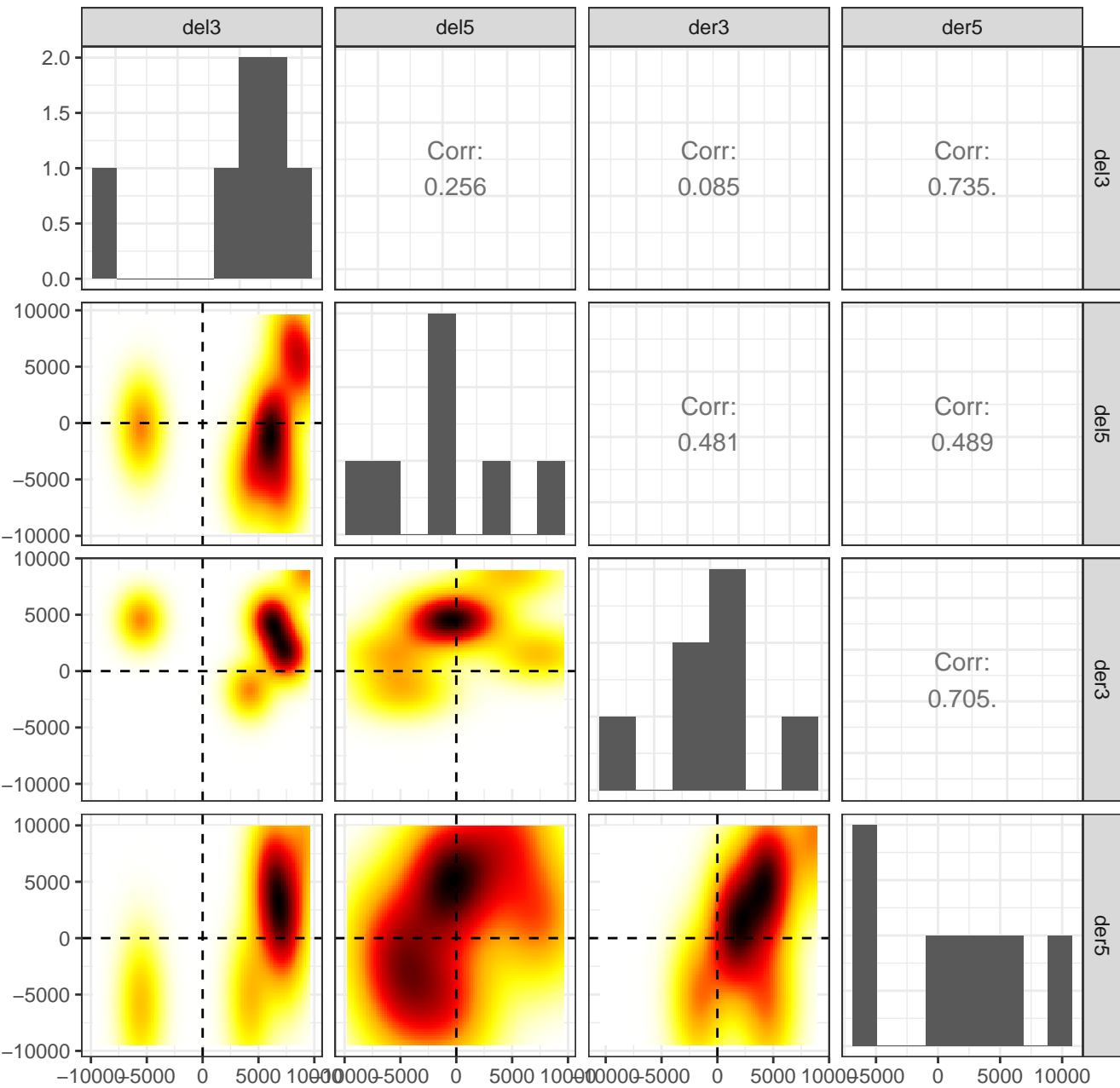
# cell.wall.pectin.esterases.misc



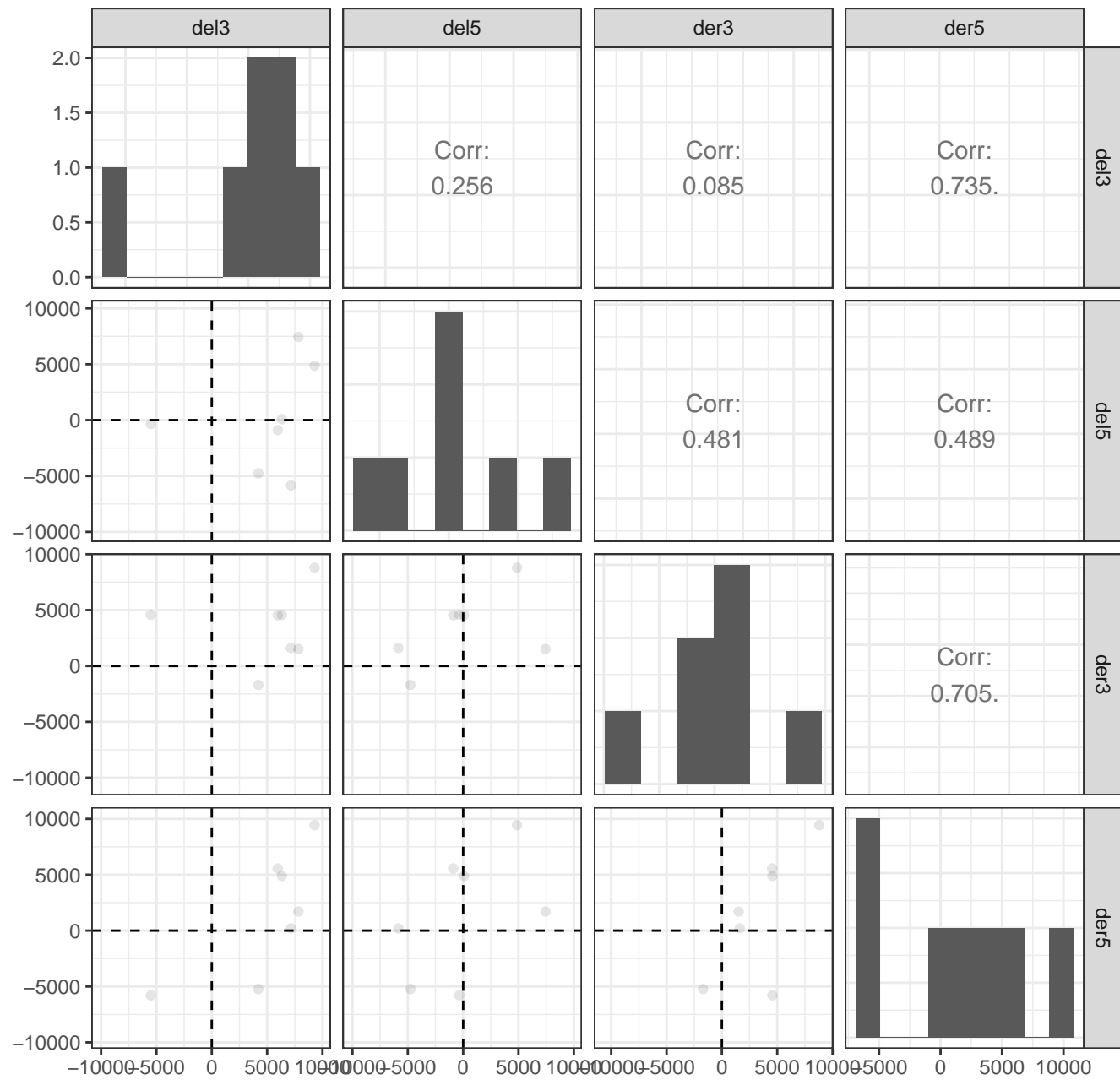
# cell.wall.pectin.esterases.misc



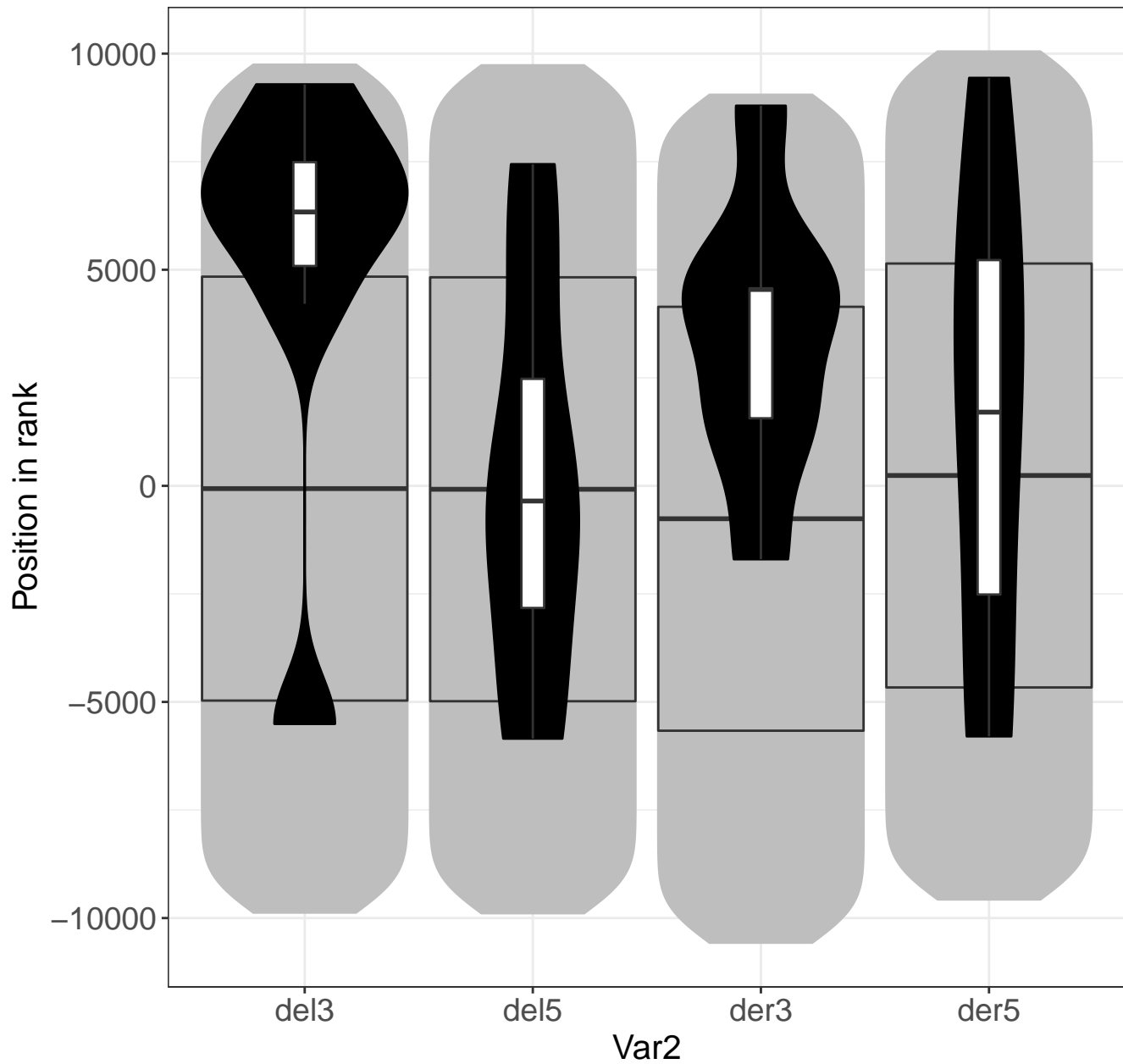
# transport.NDP.sugars.at.the.ER



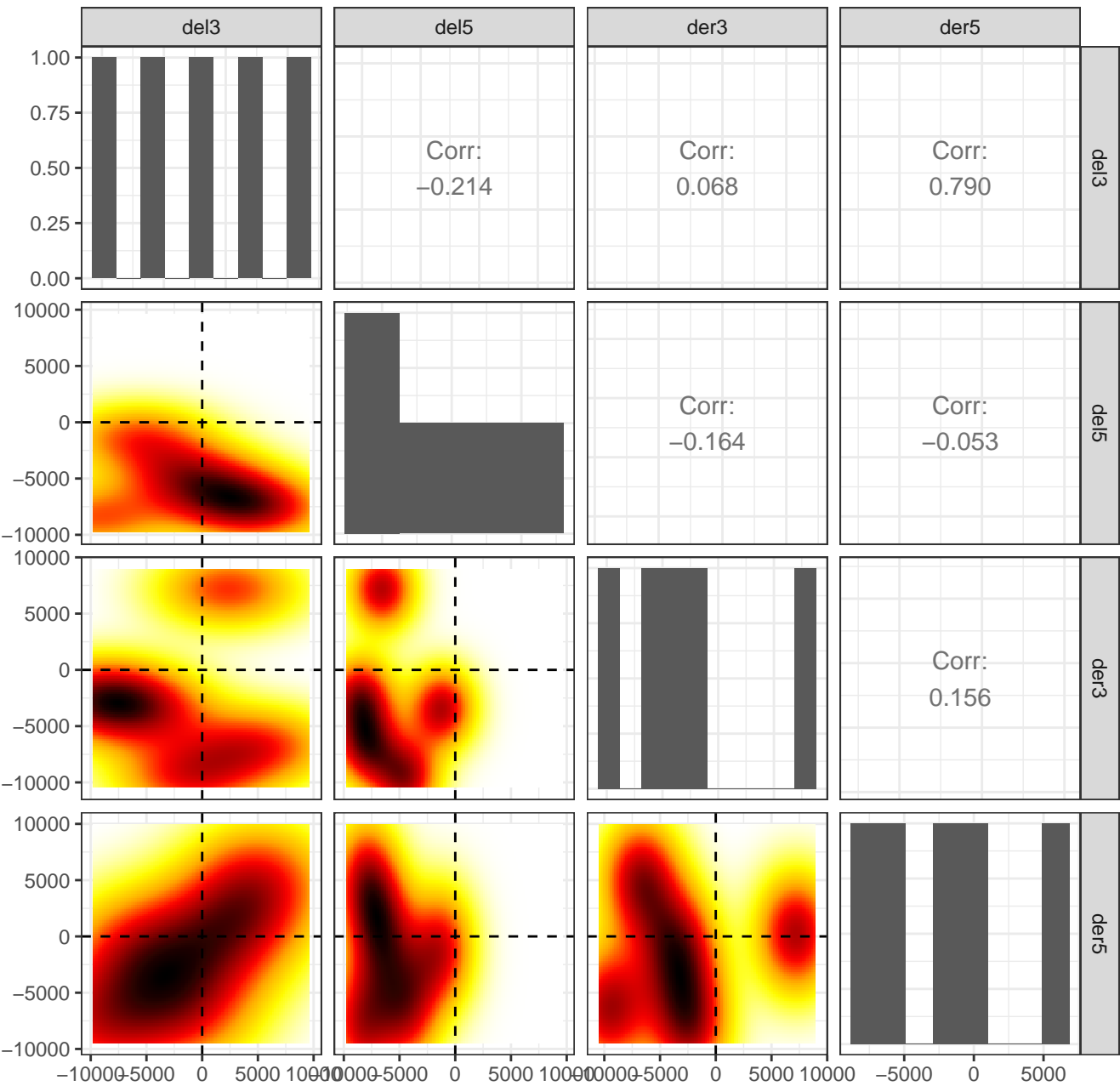
# transport.NDP.sugars.at.the.ER



# transport.NDP.sugars.at.the.ER

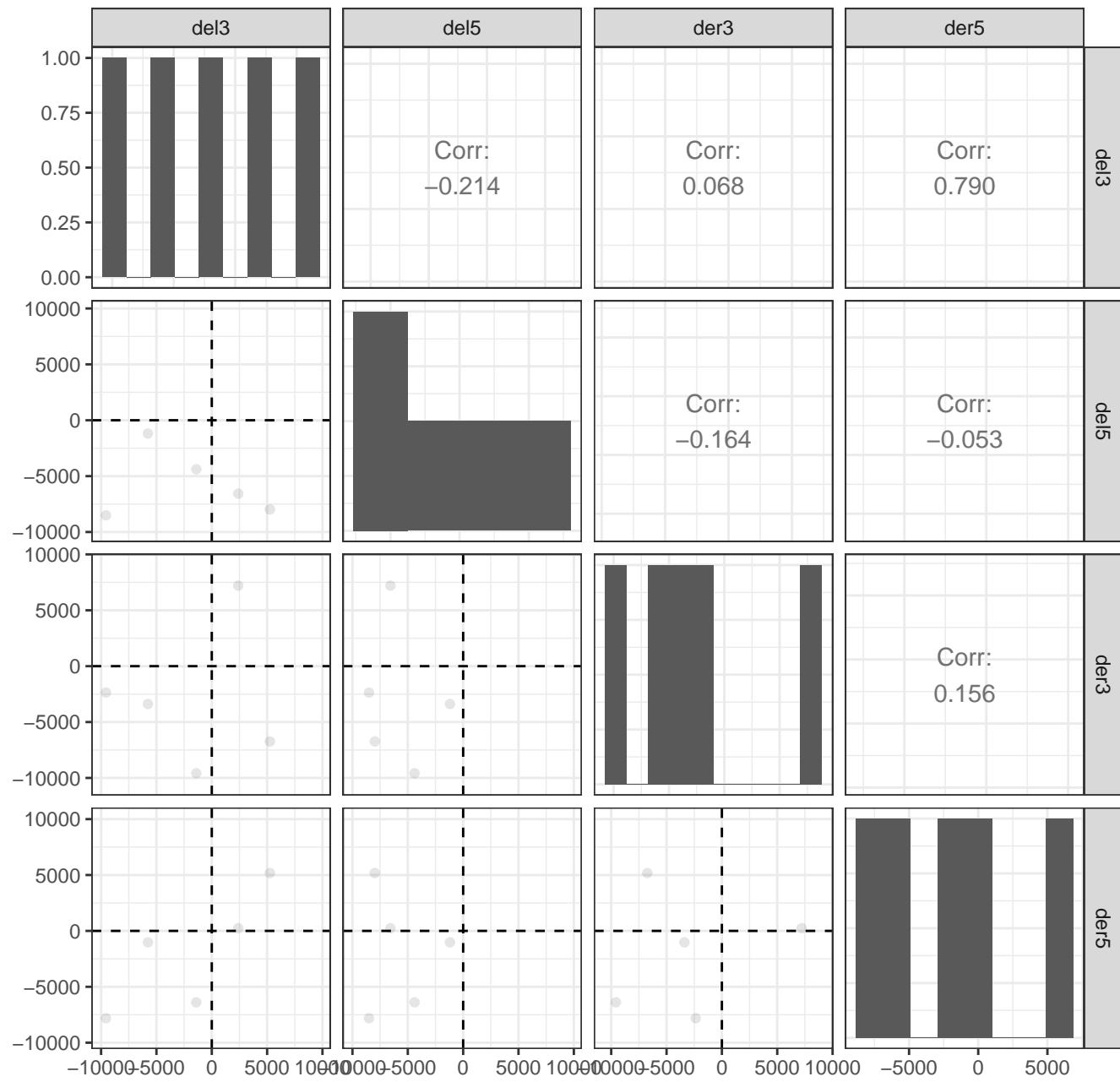


# cell.cell.death.plants

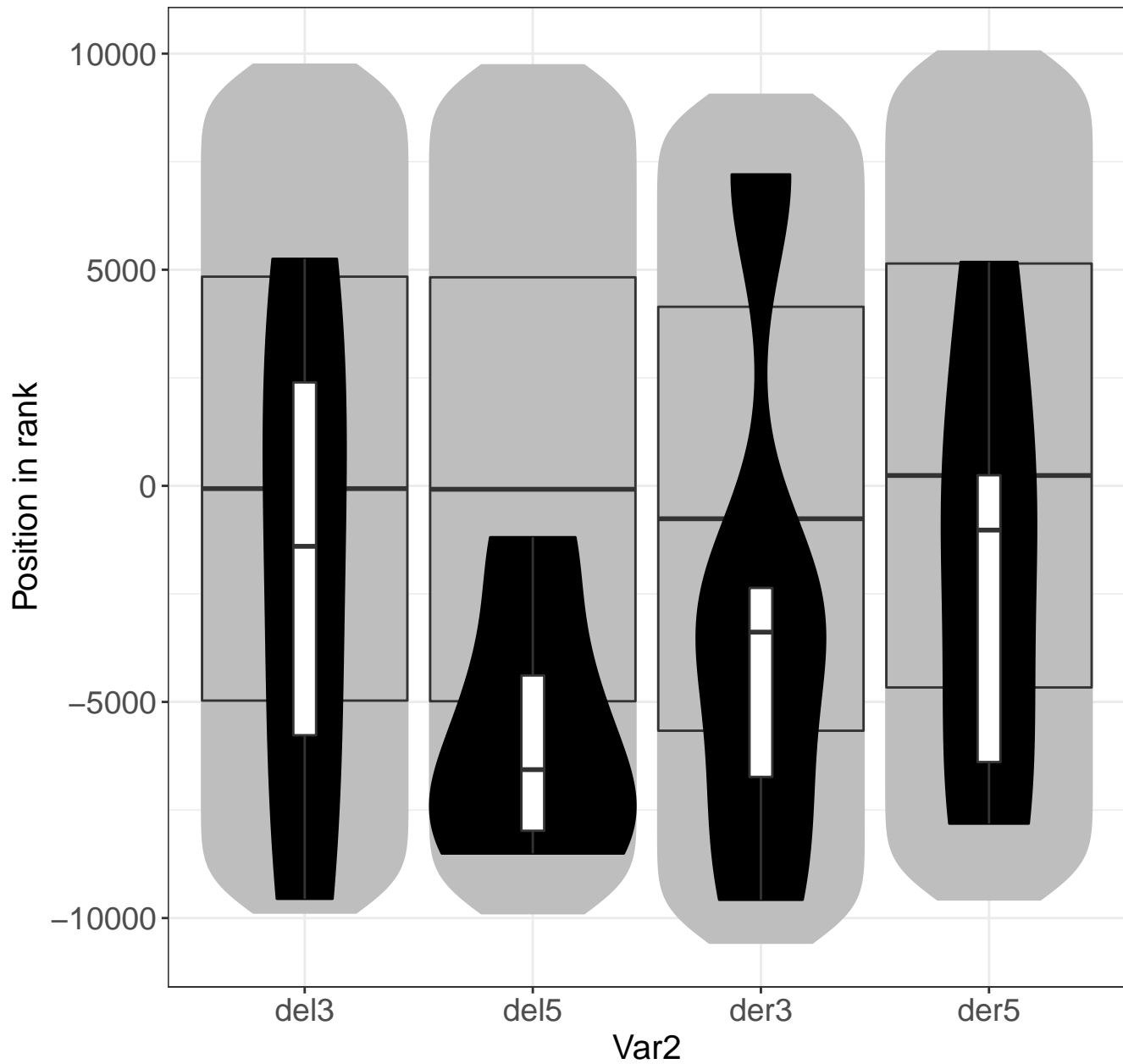




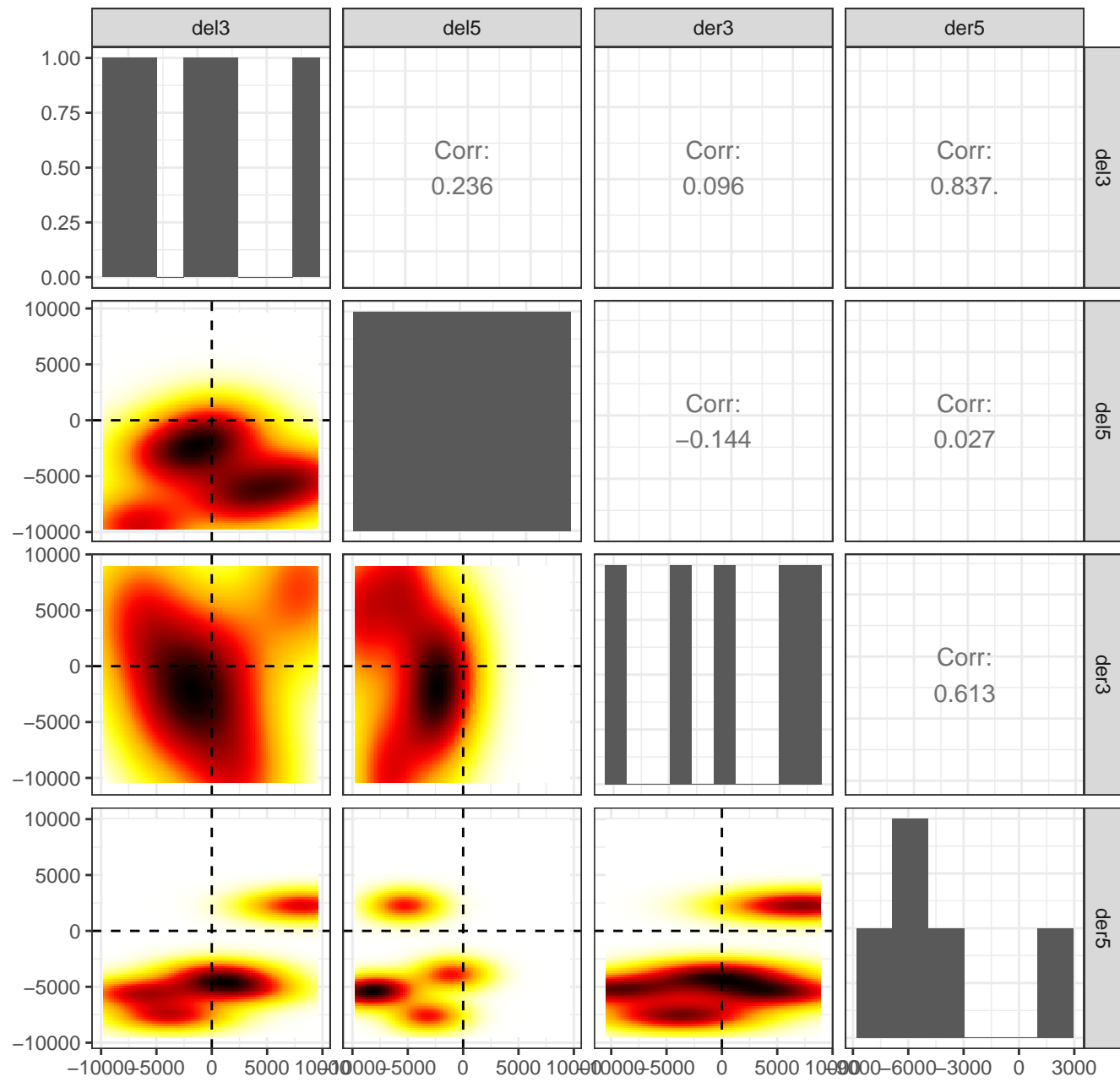
# cell.cell.death.plants



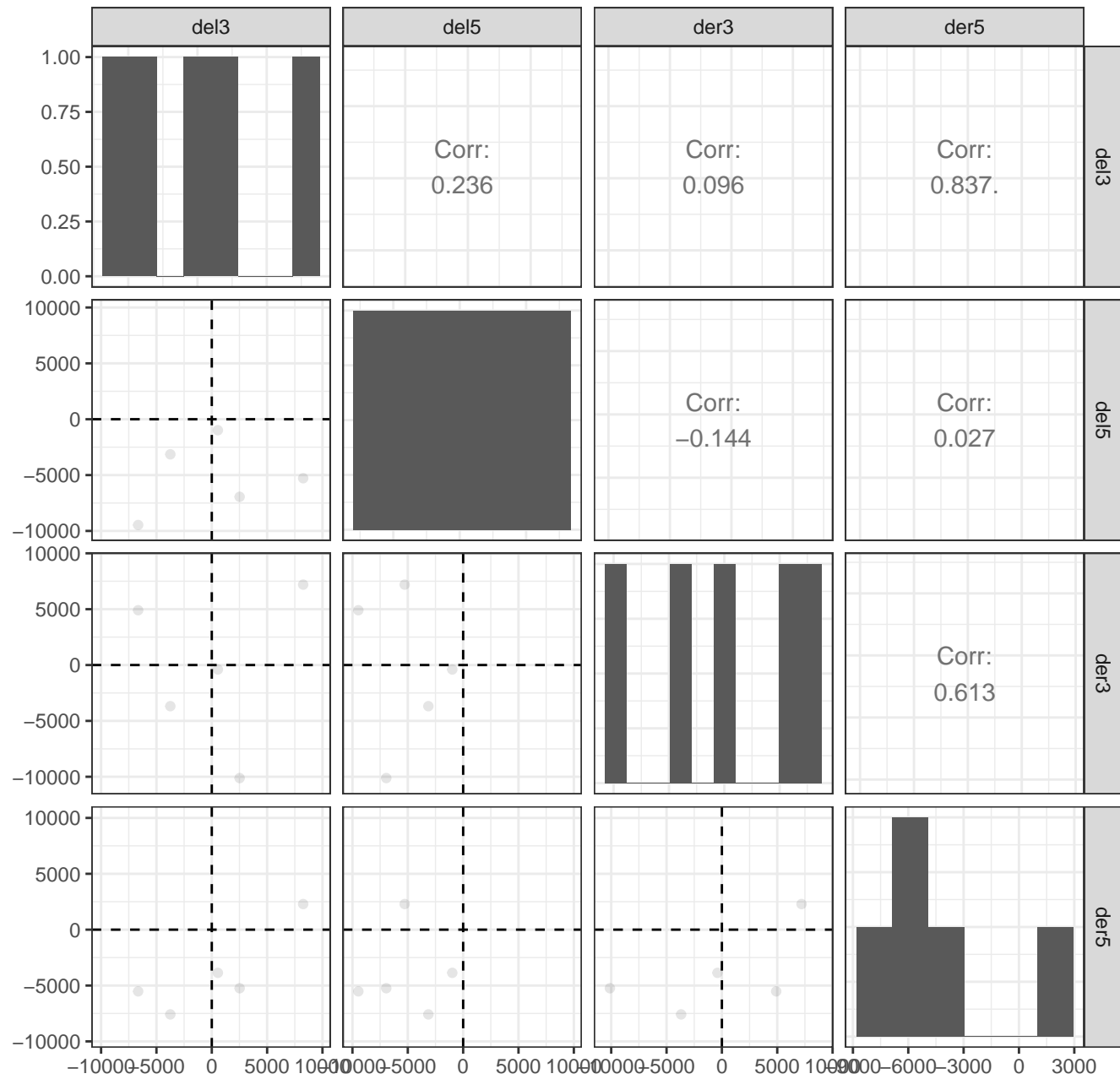
# cell.cell.death.plants



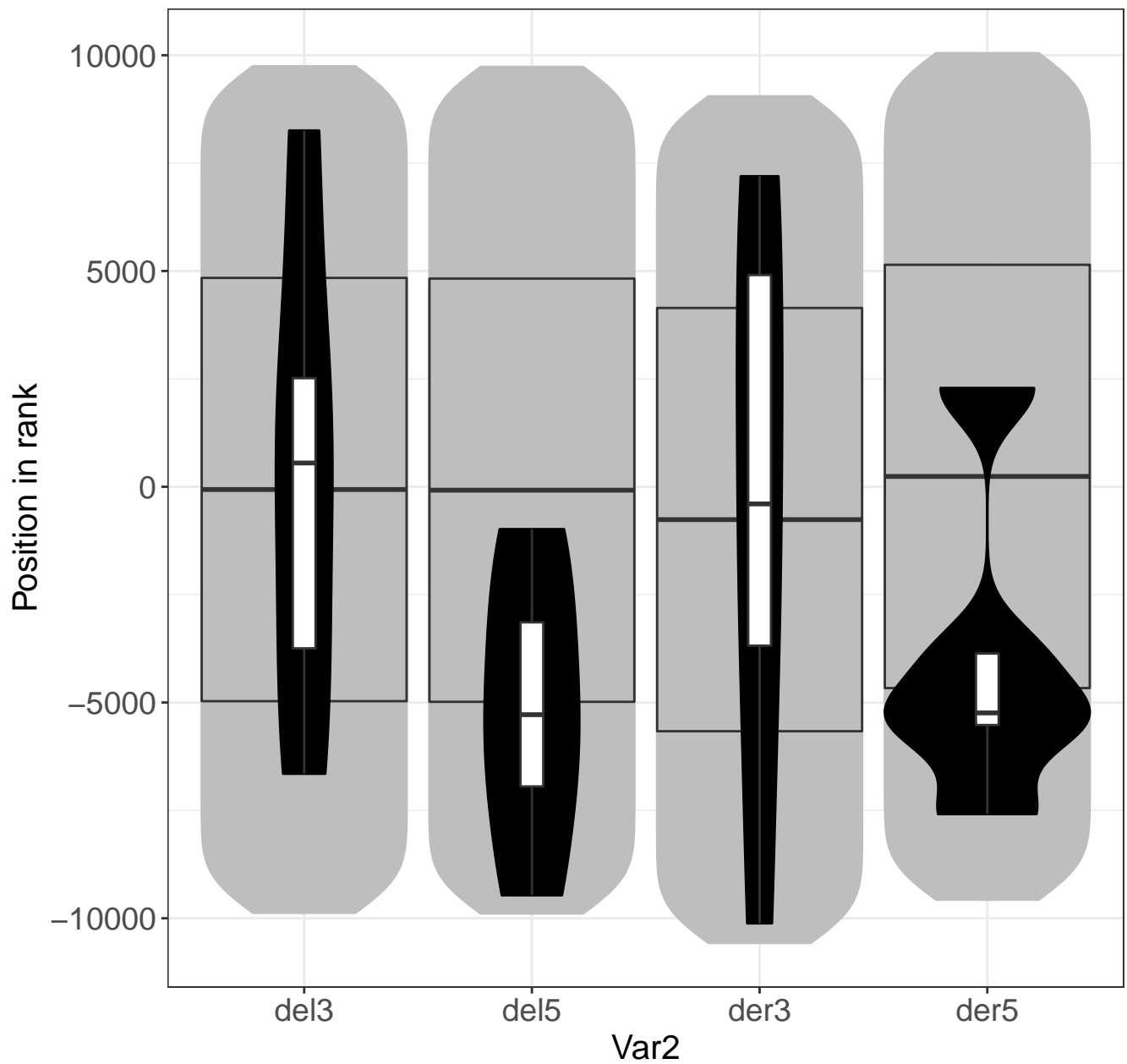
# Biodegradation.of.Xenobiotics.hydroxyacylglutathione.hydrolase



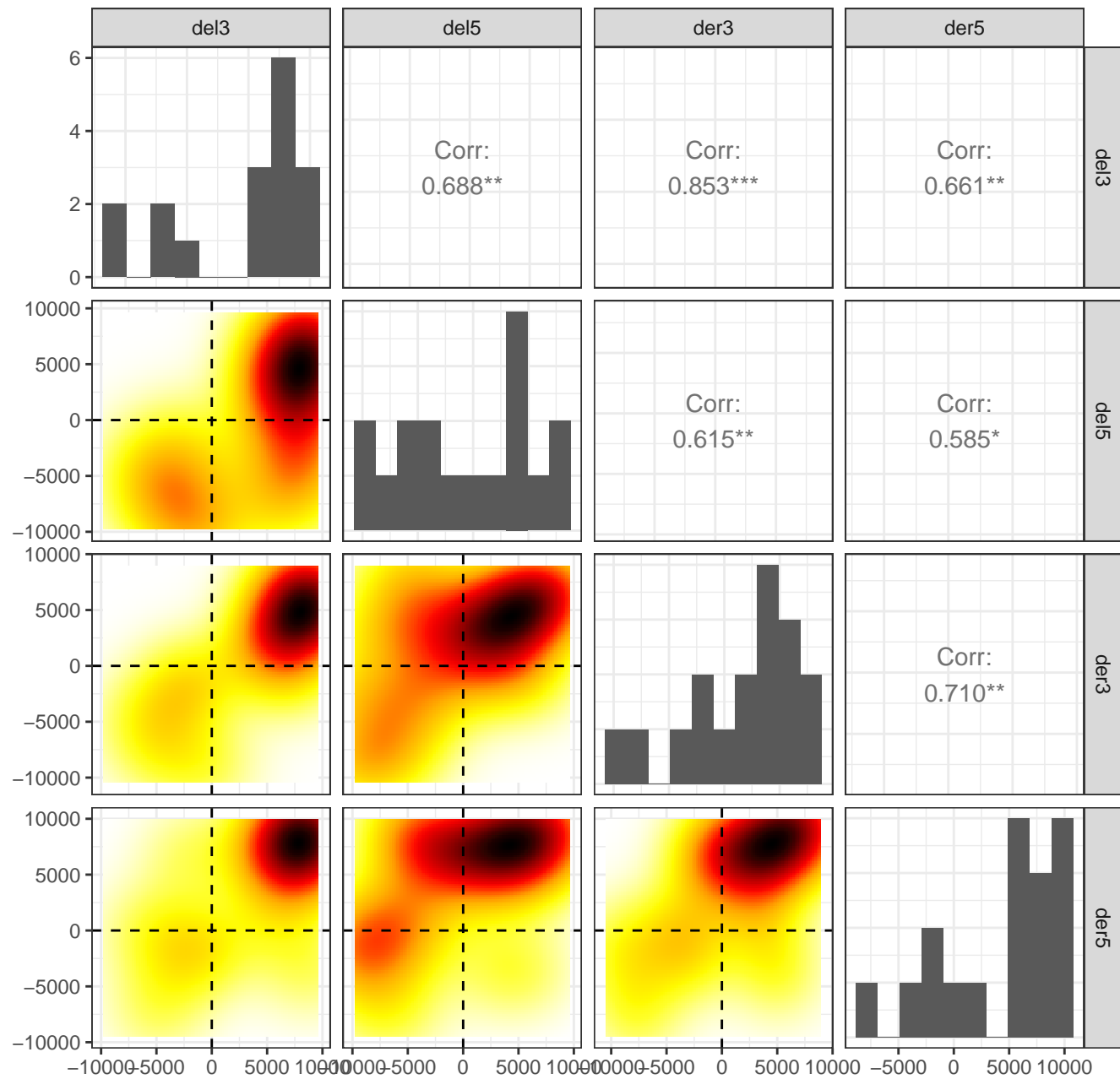
# Biodegradation.of.Xenobiotics.hydroxyacylglutathione.hydrolase



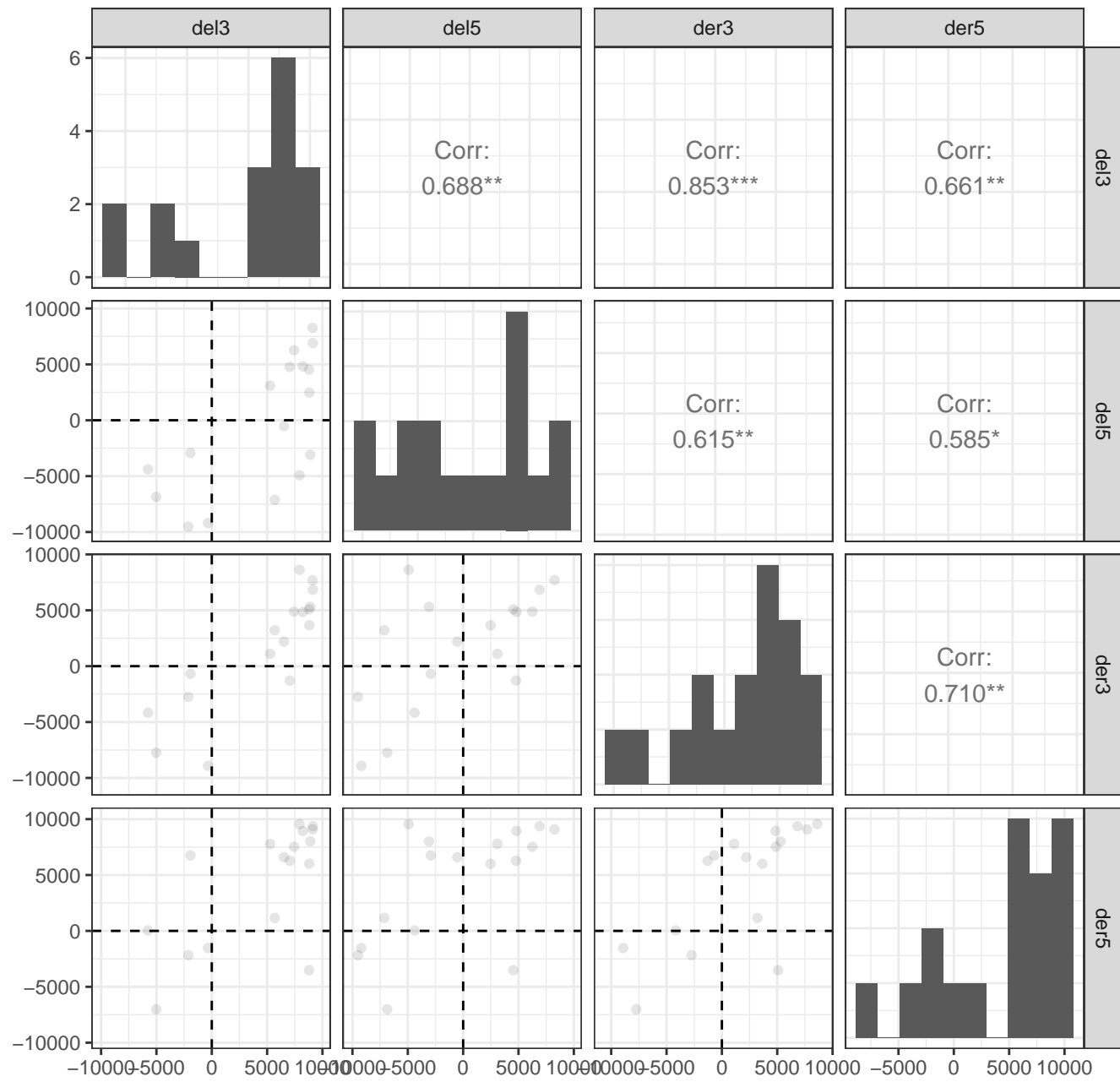
# Biodegradation.of.Xenobiotics.hydroxyacylglutath



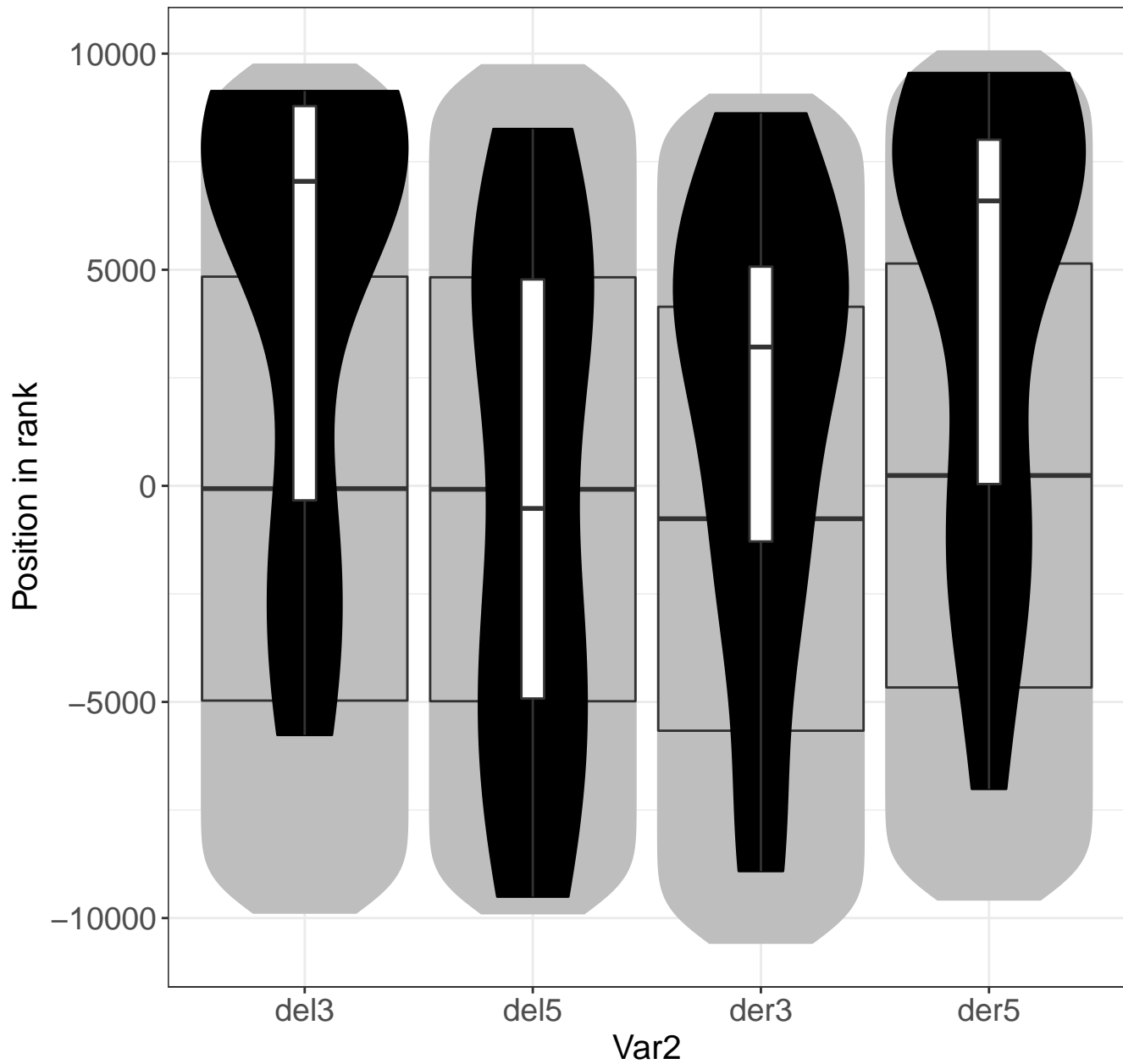
# protein.postranslational.modification.kinase



# protein.postranslational.modification.kinase

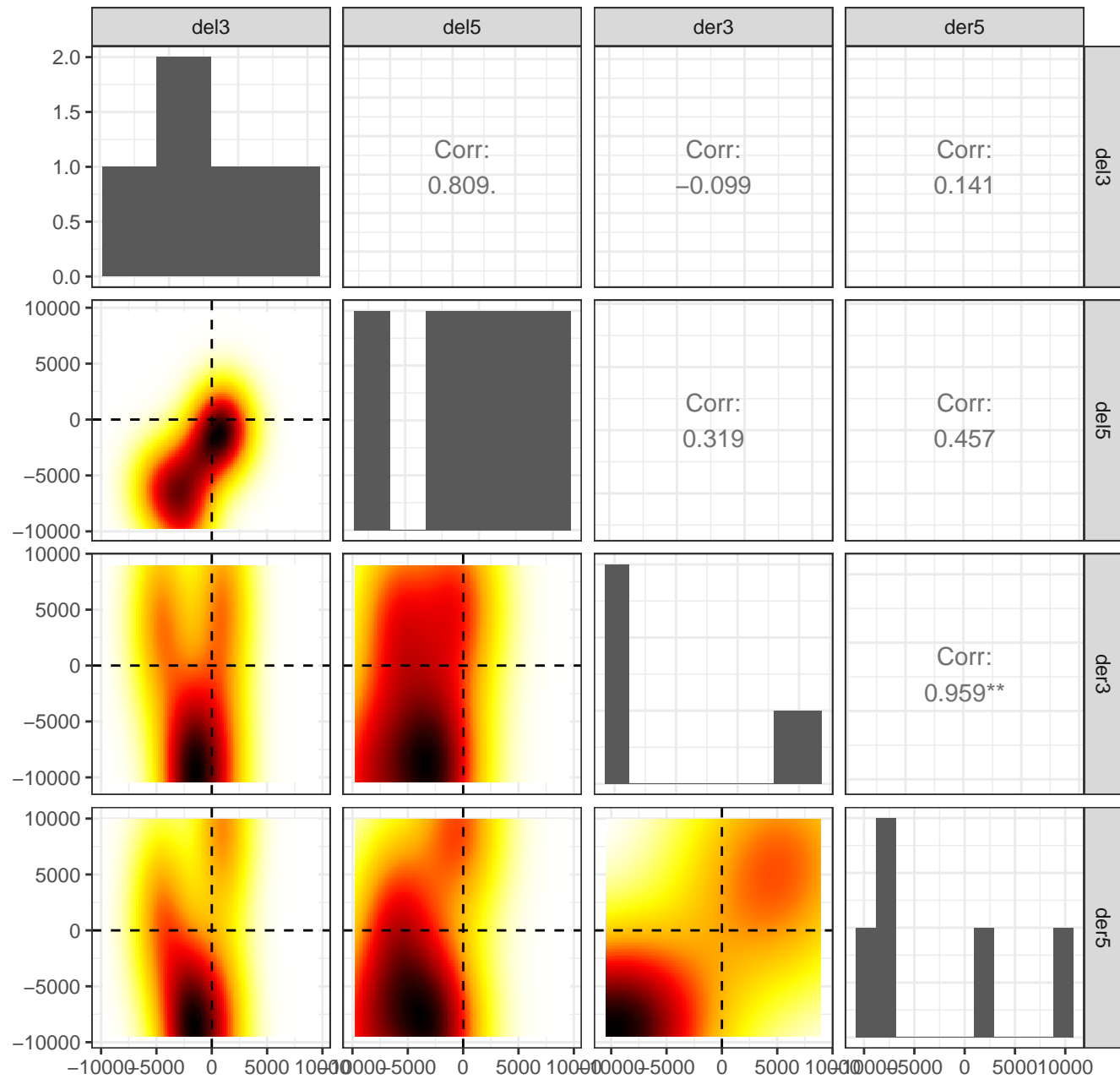


# protein.postranslational.modification.kinase

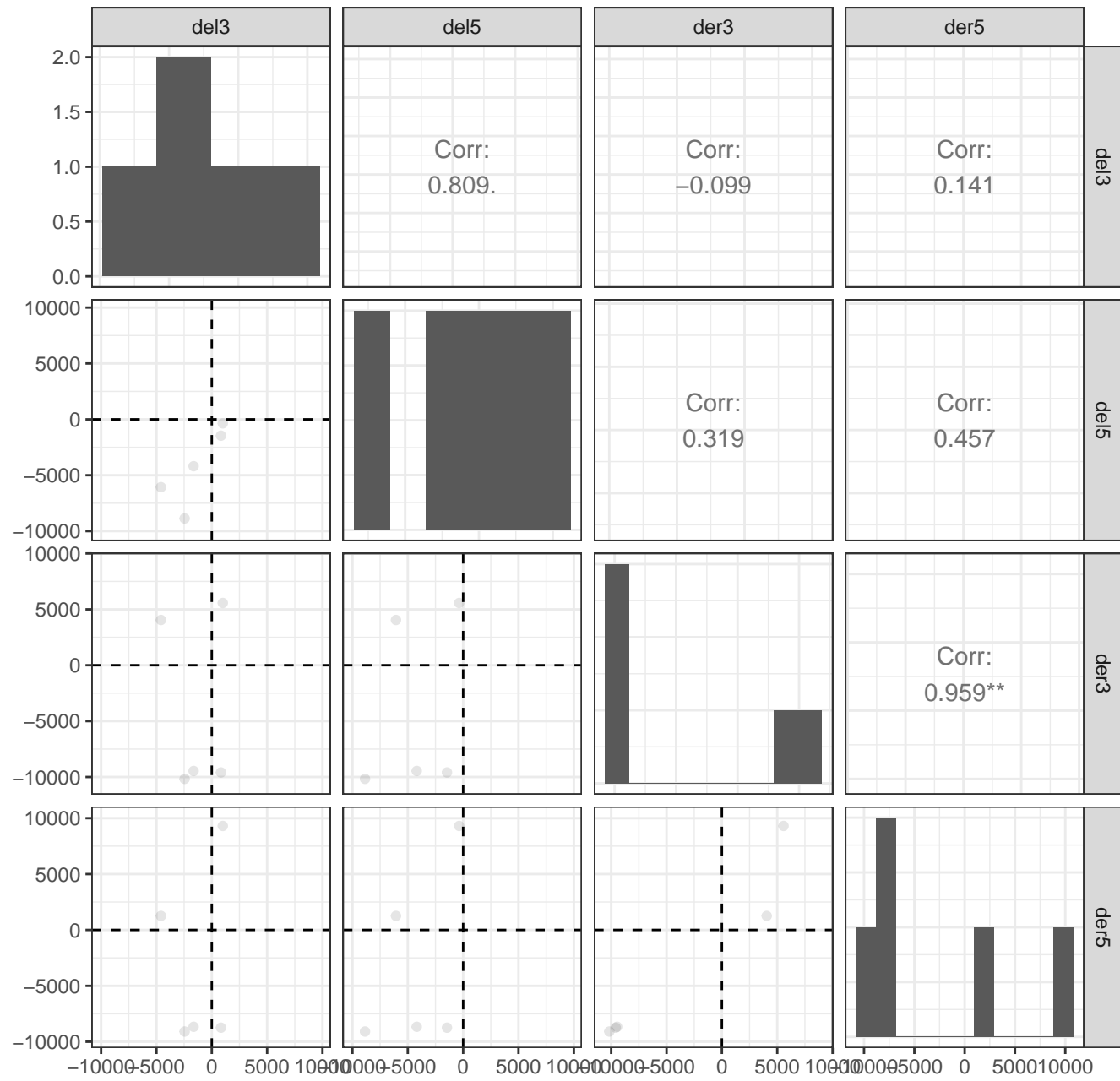




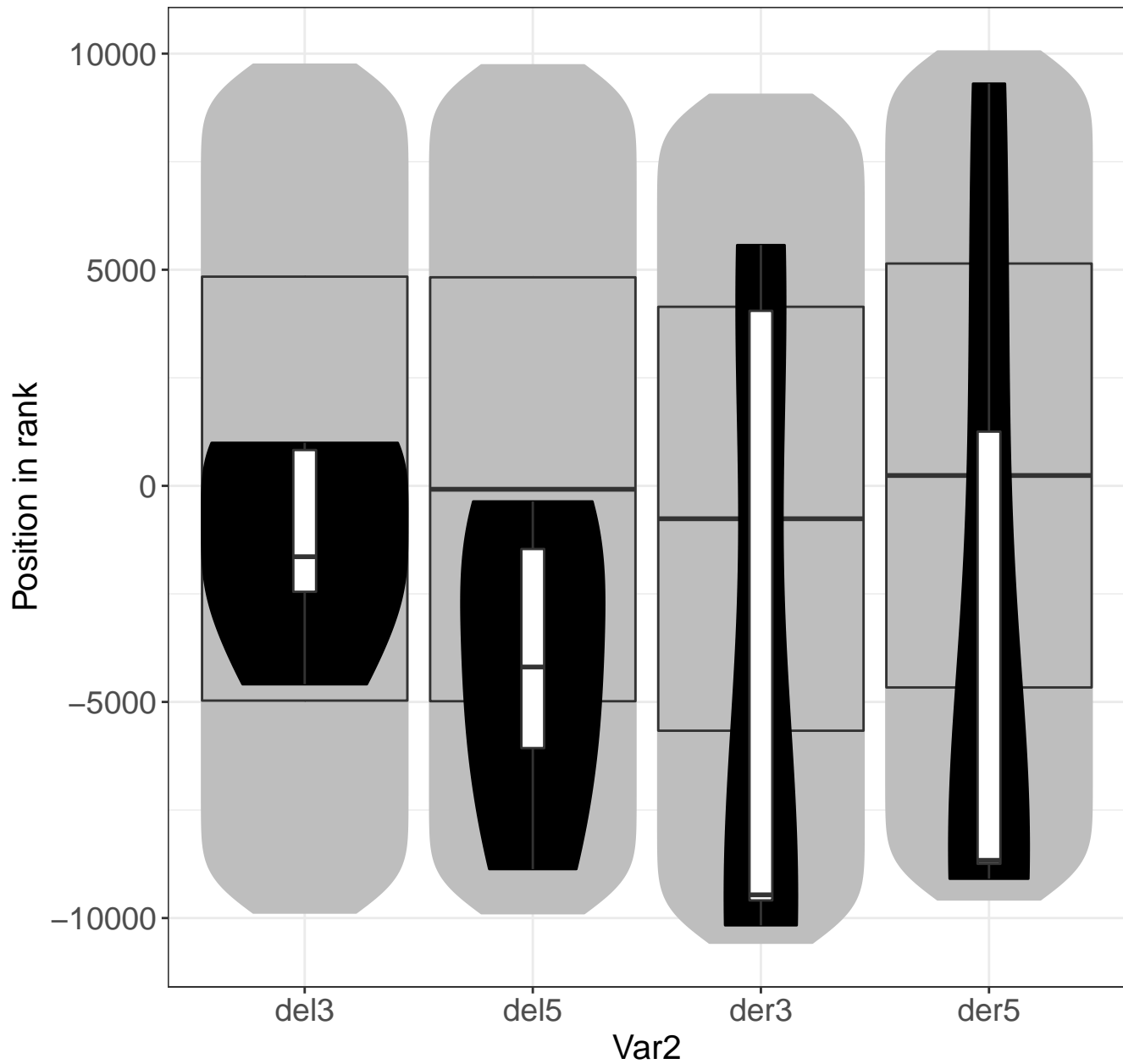
# cell.wall.precursor.synthesis.UGE



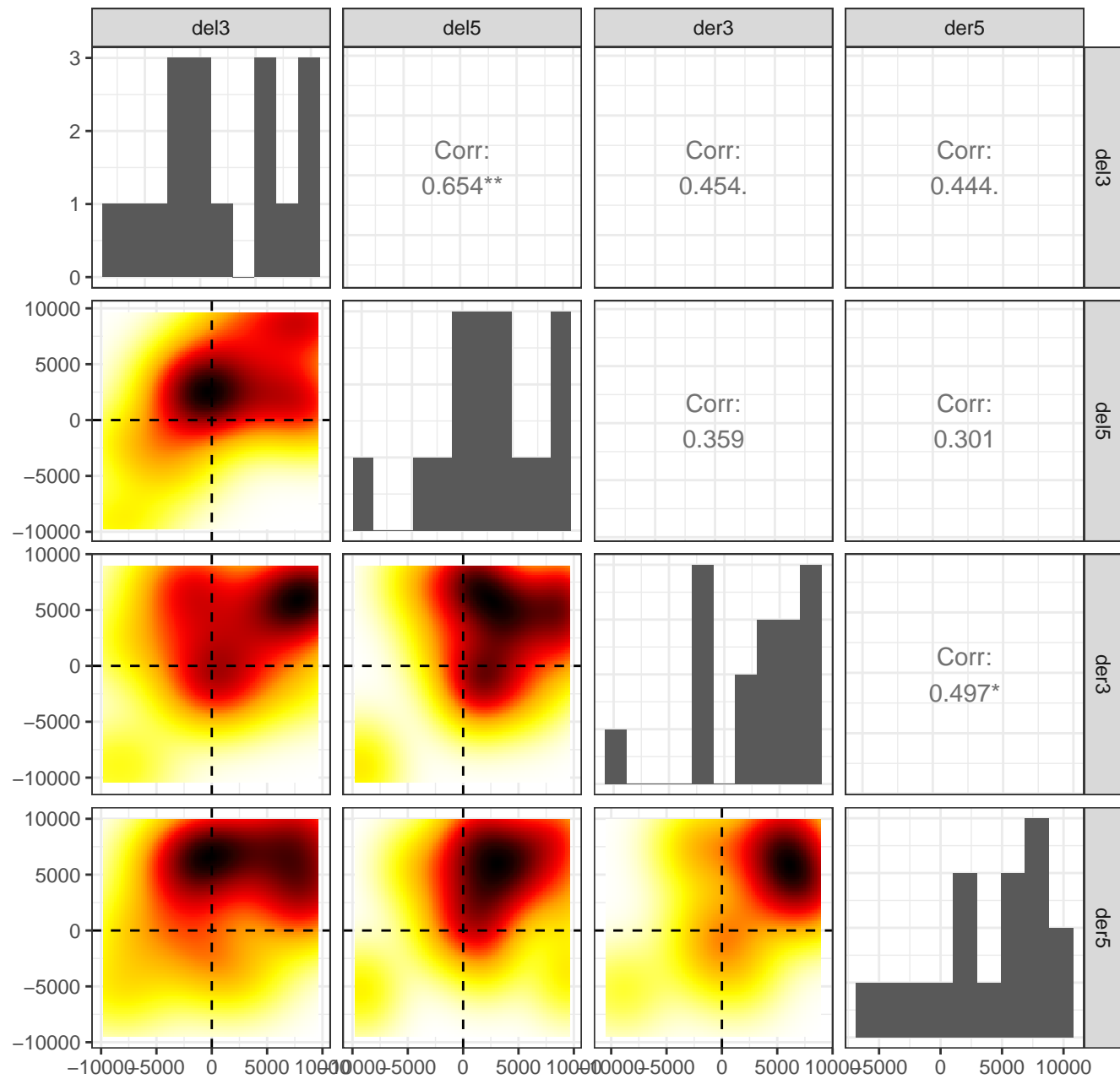
# cell.wall.precursor.synthesis.UGE



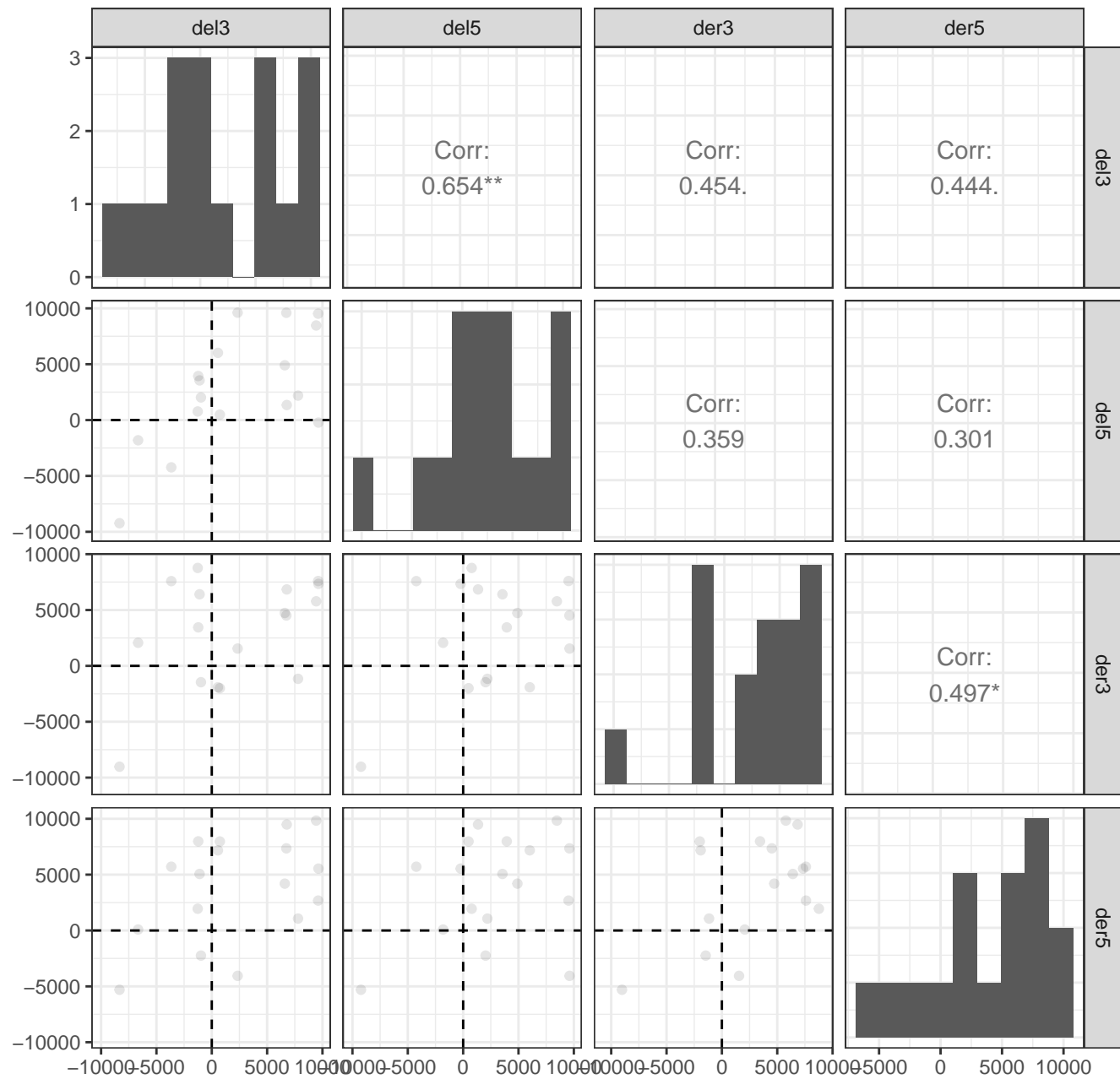
# cell.wall.precursor.synthesis.UGE



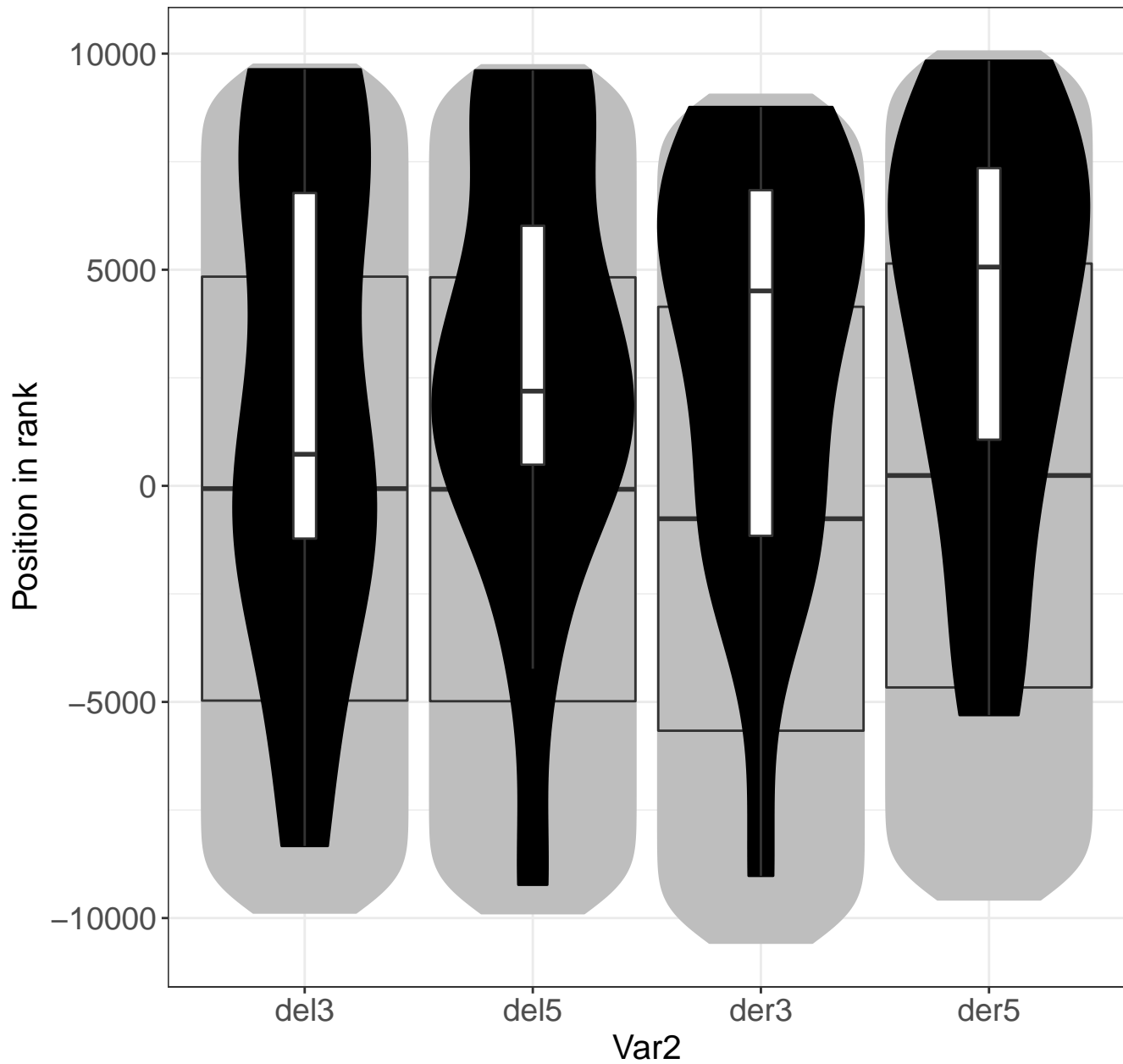
# cell.wall.cell.wall.proteins.LRR



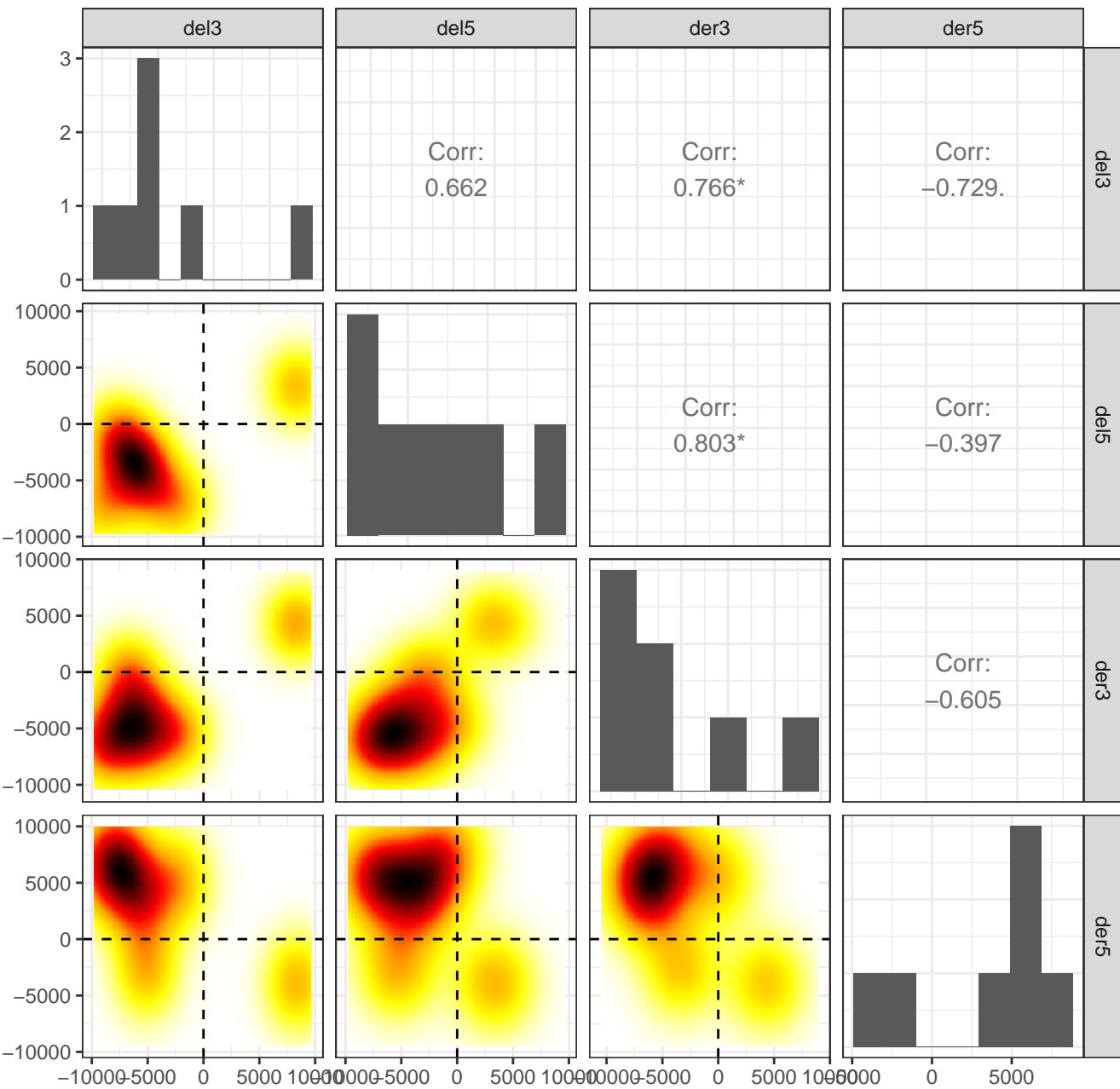
# cell.wall.cell.wall.proteins.LRR



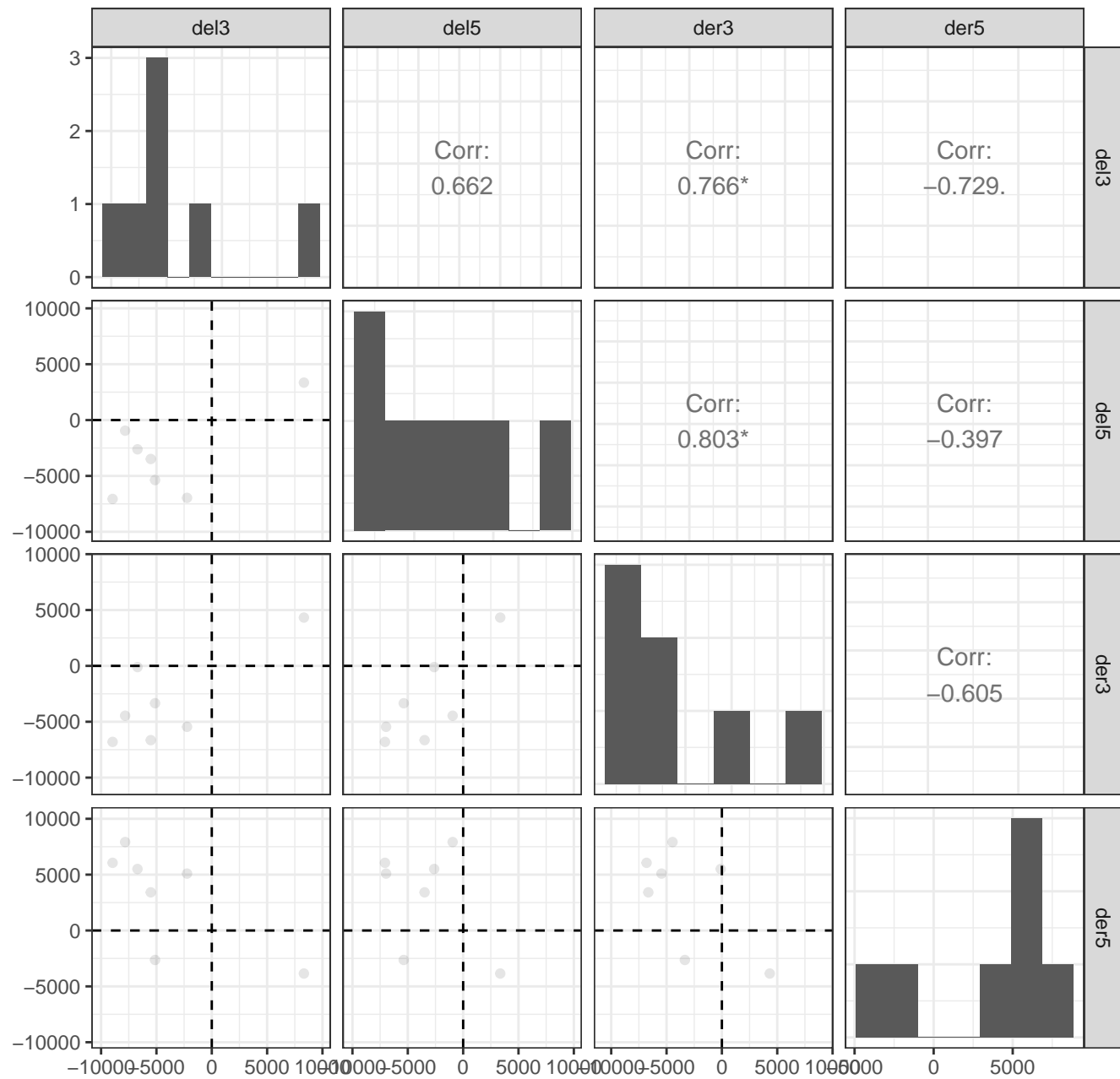
# cell.wall.cell.wall.proteins.LRR



protein.synthesis.ribosome.biogenesis.export.from.nucleus

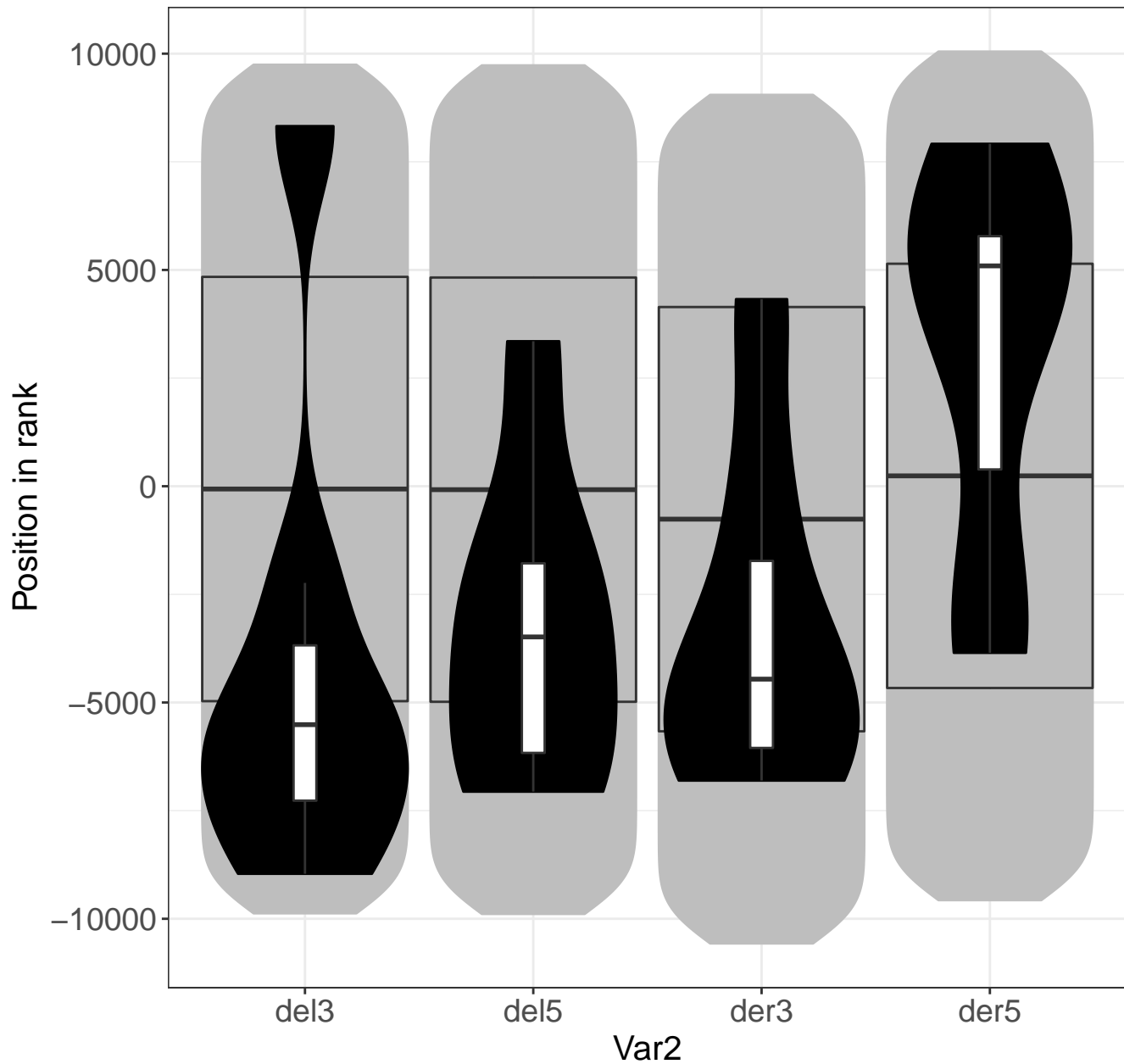


protein.synthesis.ribosome.biogenesis.export.from.nucleus

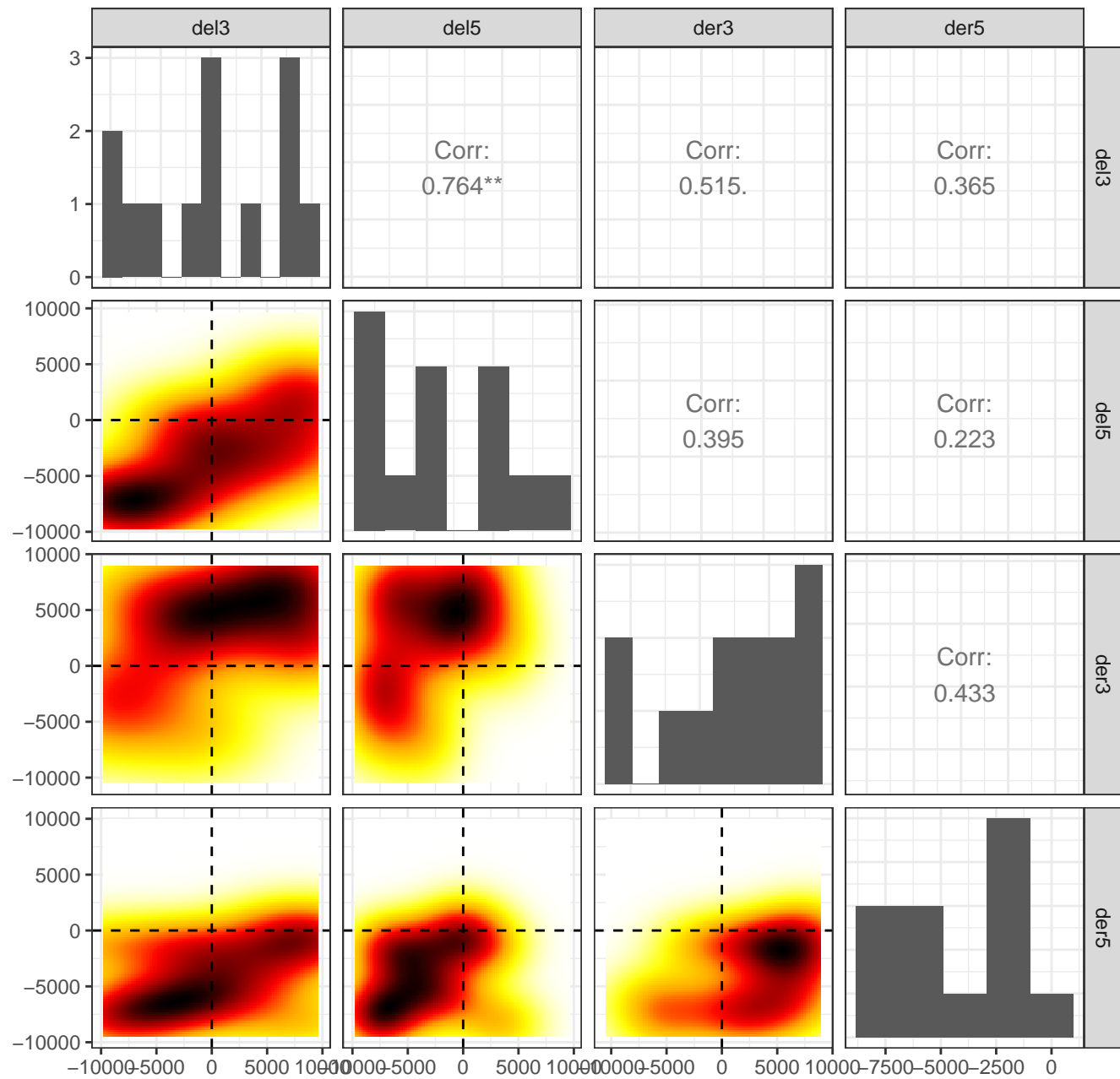




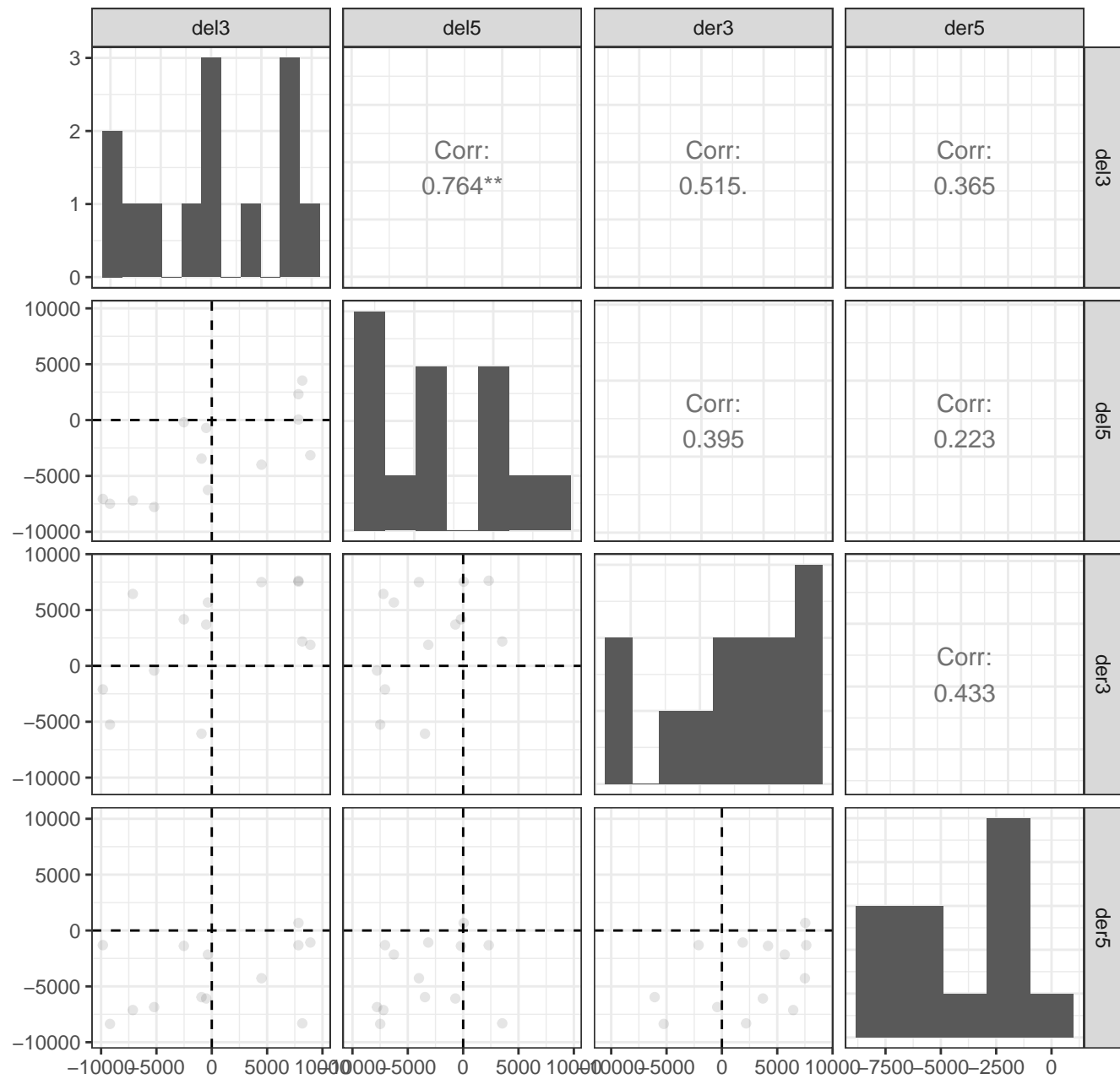
protein.synthesis.ribosome.biogenesis.export.fro



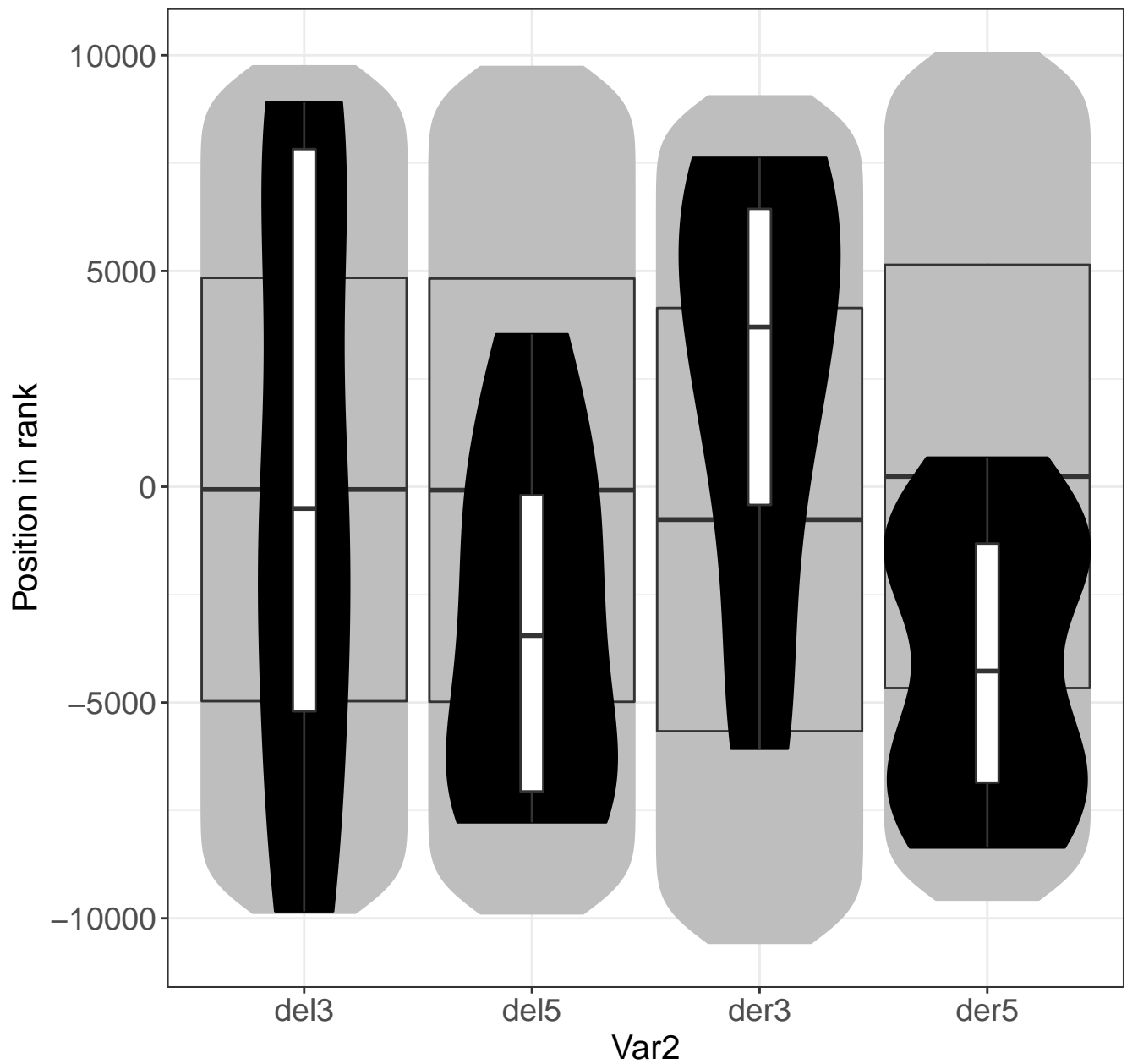
# hormone.metabolism.ethylene.signal.transduction



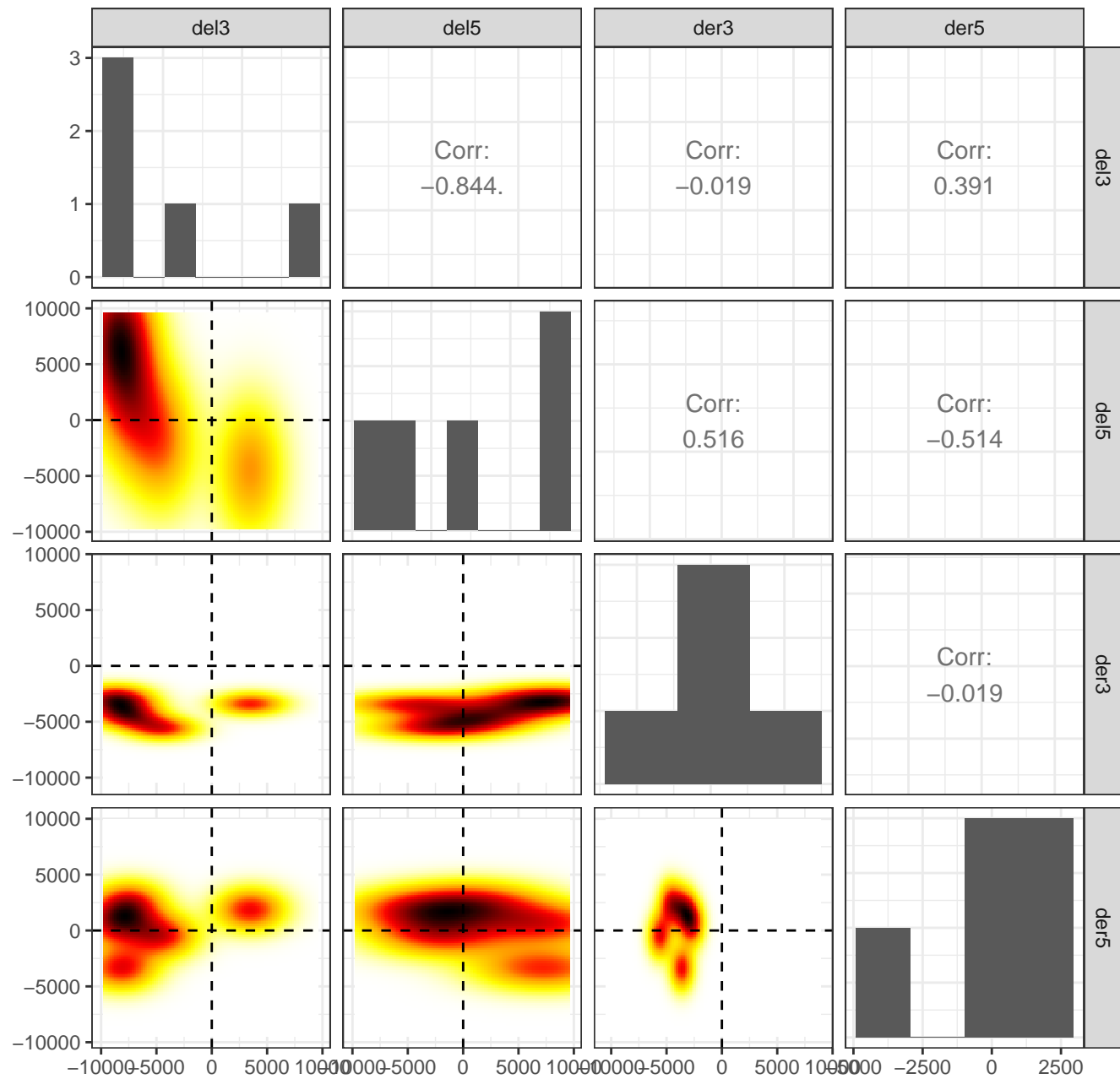
# hormone.metabolism.ethylene.signal.transduction



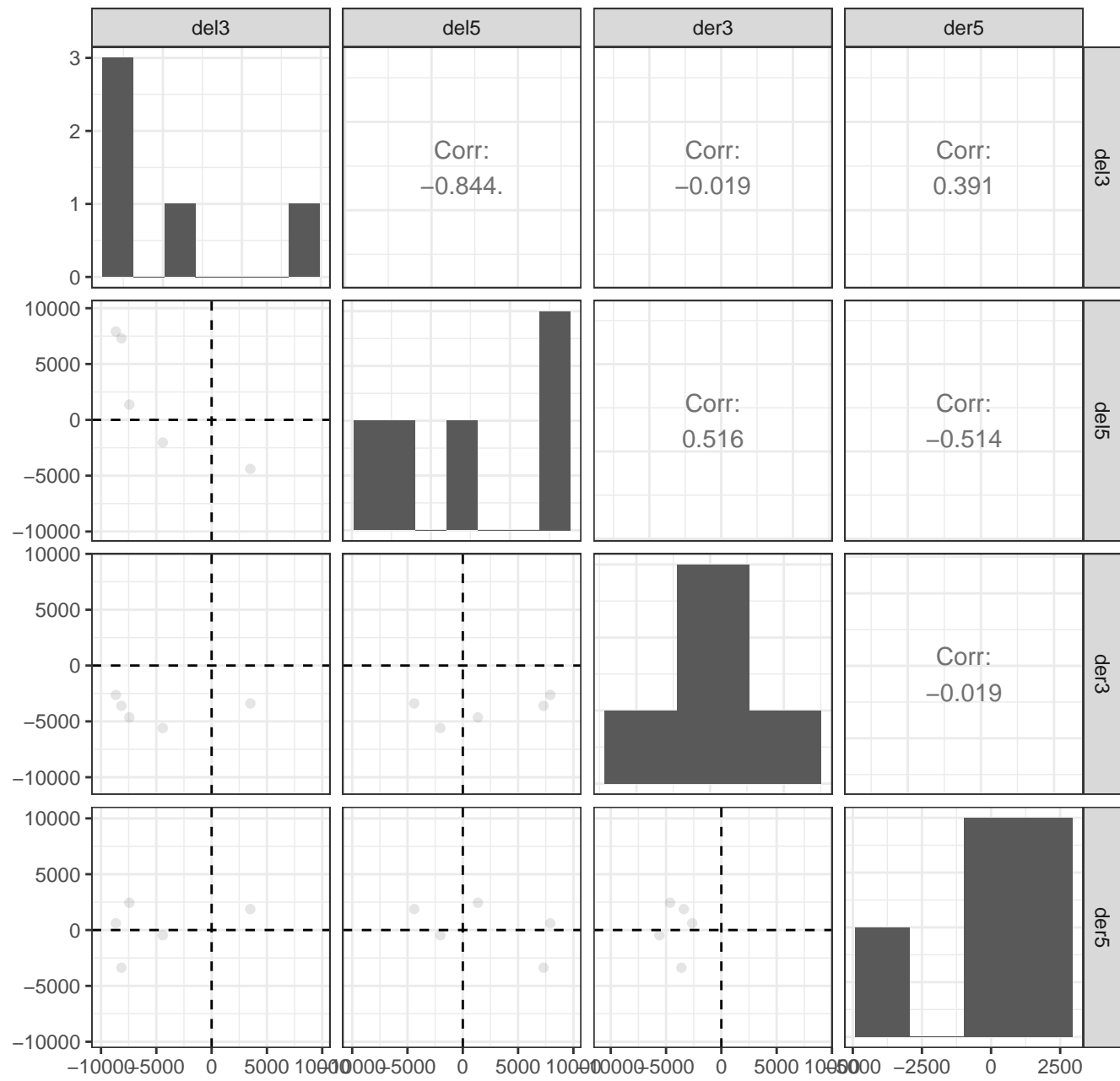
# hormone.metabolism.ethylene.signal.transduction

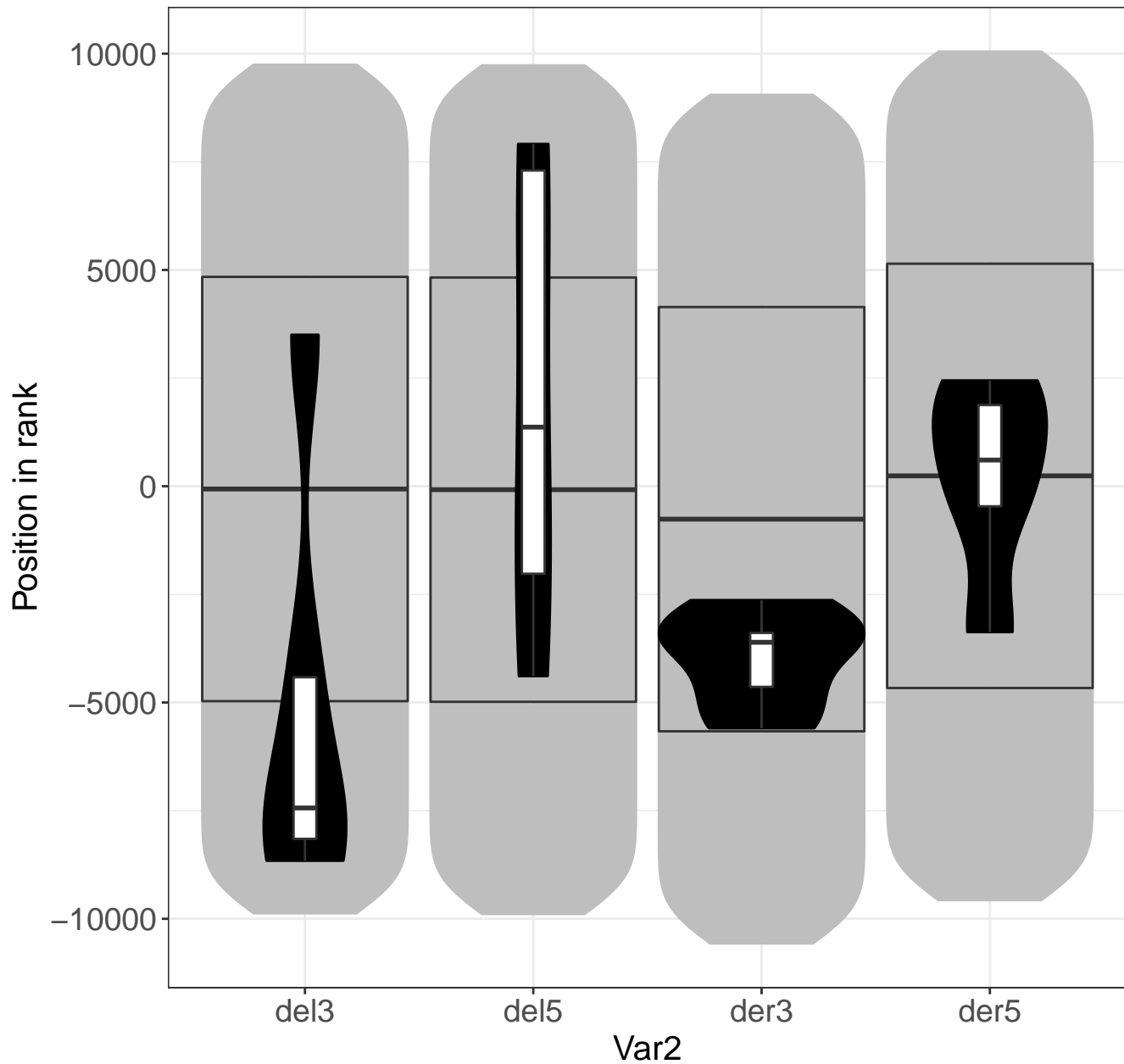


protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit.L7A

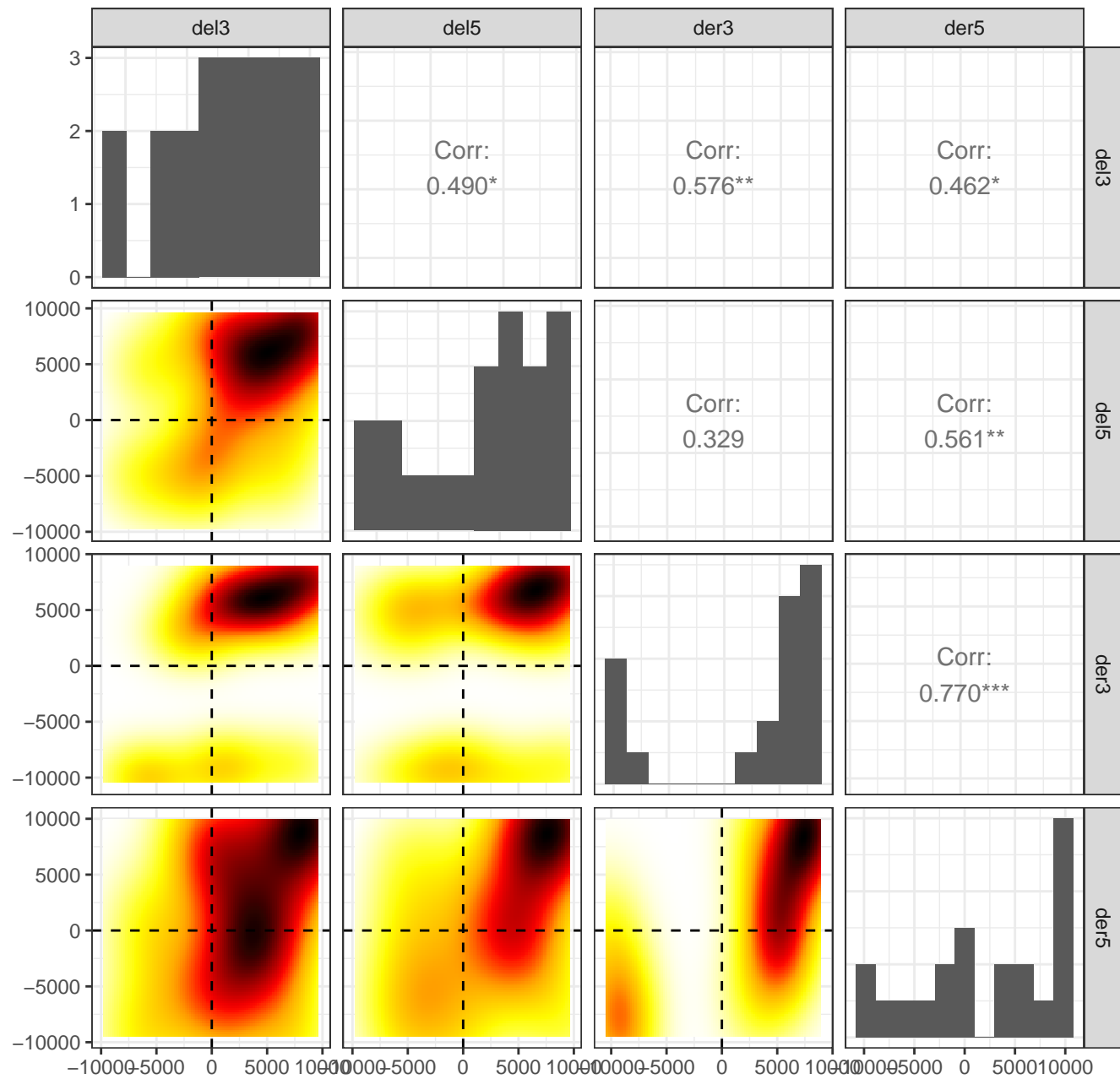


protein.synthesis.ribosomal.protein.eukaryotic.60S.subunit.L7A



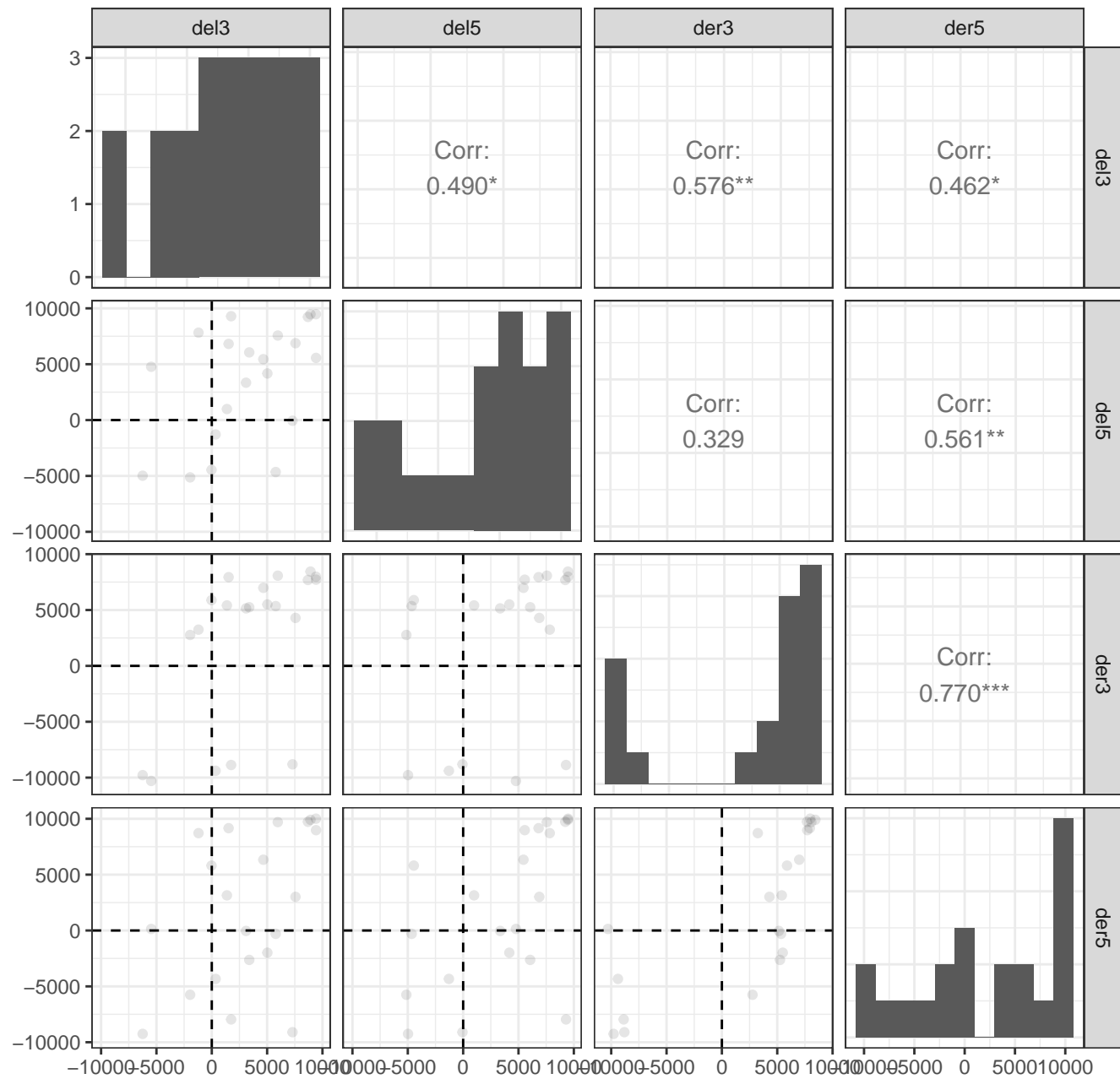


# cell.wall.cellulose.synthesis.cellulose.synthase





# cell.wall.cellulose.synthesis.cellulose.synthase



# cell.wall.cellulose.synthesis.cellulose.synthase

