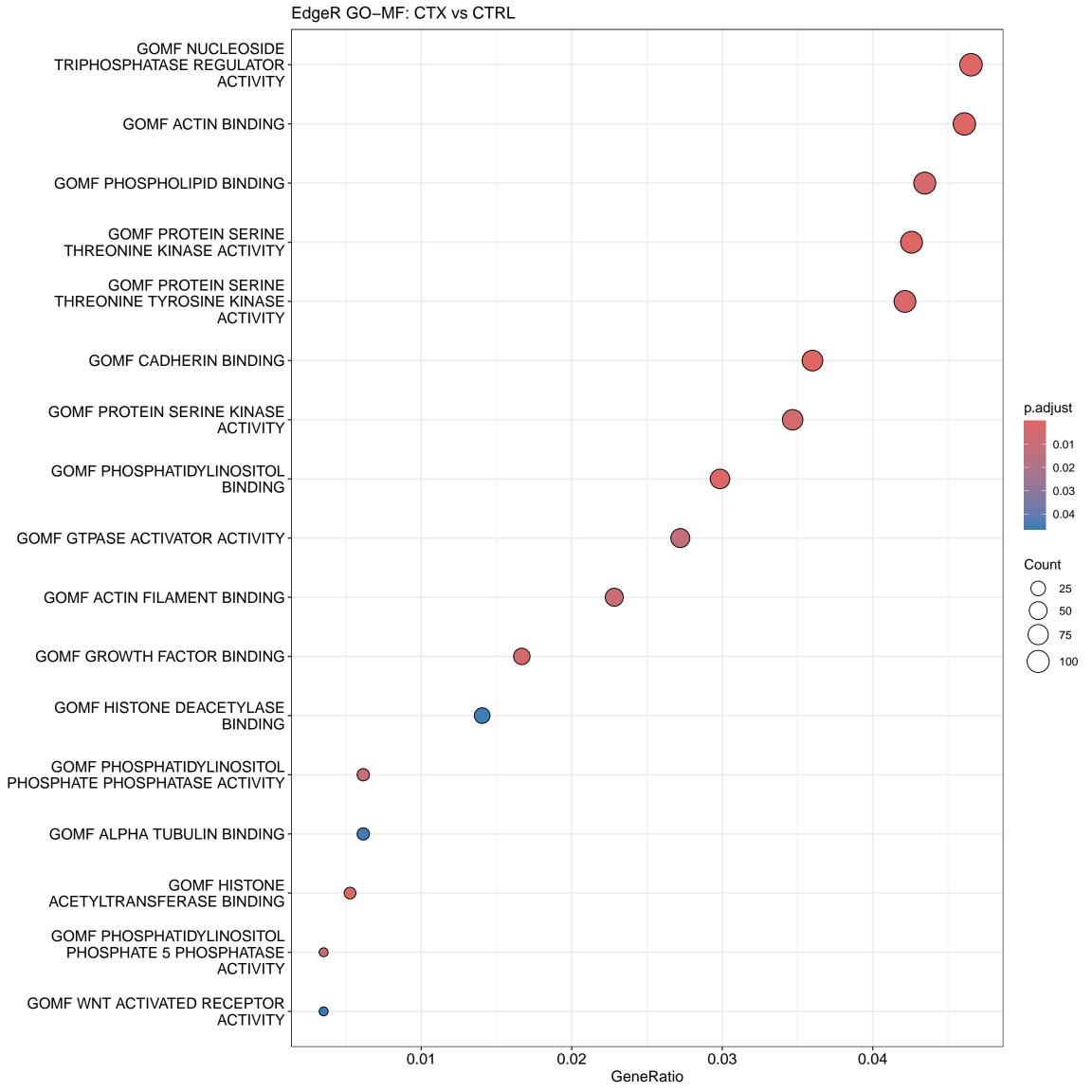
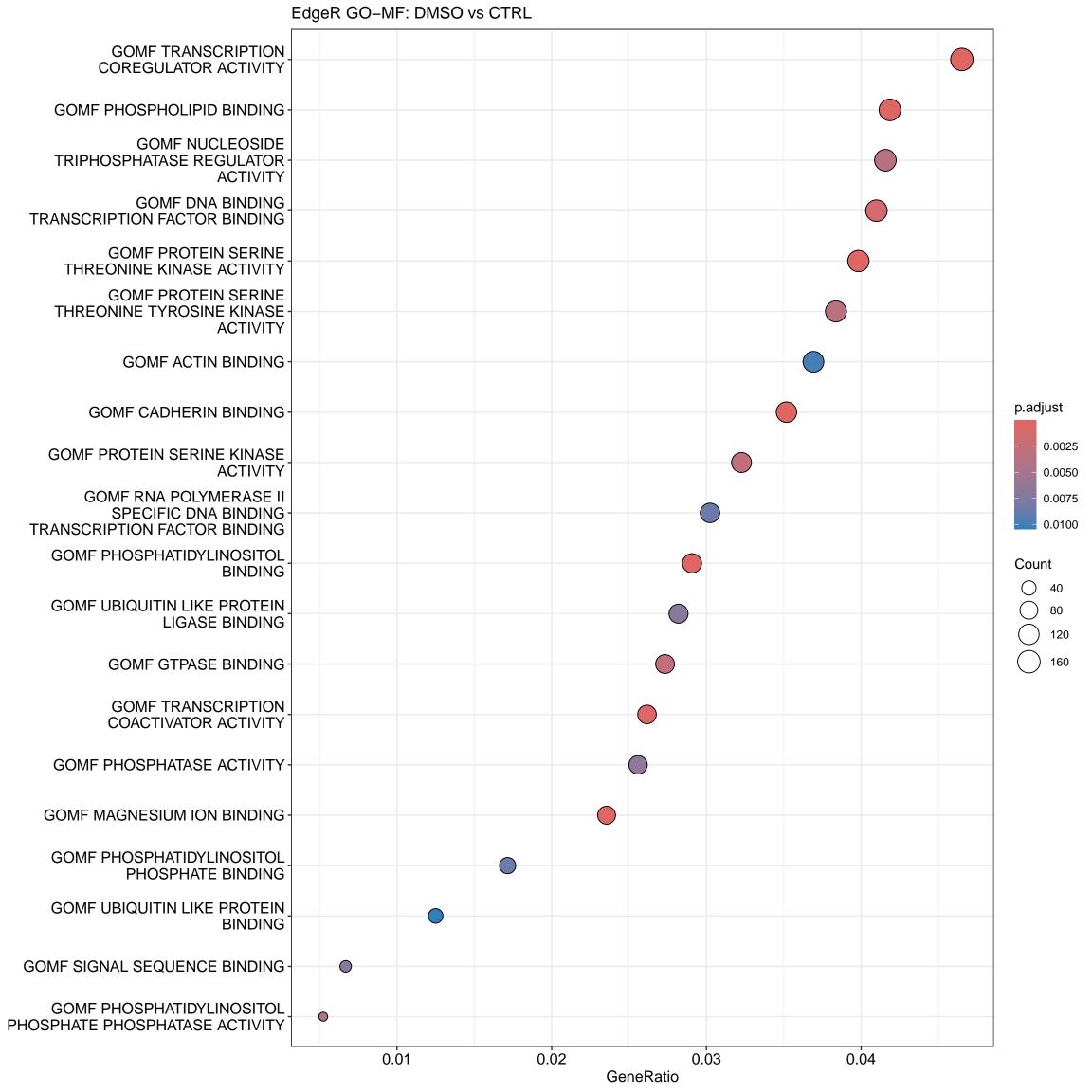


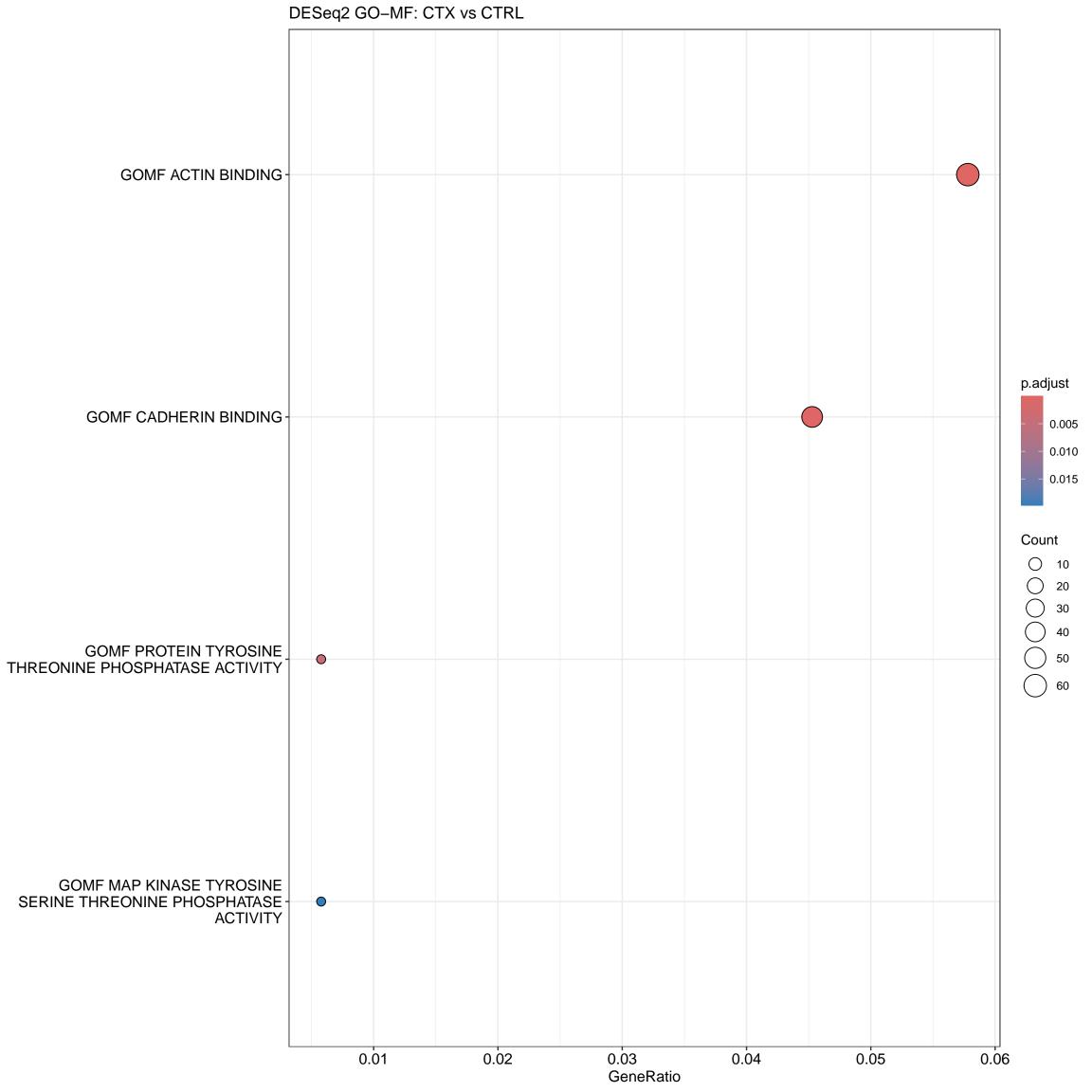
EdgeR GO-MF: TMP vs CTRL **GOMF NUCLEOSIDE** TRIPHOSPHATASE REGULATOR **GOMF PHOSPHOLIPID BINDING GOMF DNA BINDING** TRANSCRIPTION FACTOR BINDING **GOMF PROTEIN SERINE** THREONINE KINASE ACTIVITY **GOMF PROTEIN SERINE** THREONINE TYROSINE KINASE **ACTIVITY GOMF ACTIN BINDING GOMF PHOSPHORIC ESTER** HYDROLASE ACTIVITY **GOMF PROTEIN SERINE KINASE ACTIVITY** p.adjust 0.003 **GOMF CADHERIN BINDING** 0.006 **GOMF PHOSPHATIDYLINOSITOL** 0.009 **BINDING** 0.012 **GOMF UBIQUITIN LIKE PROTEIN** LIGASE BINDING Count 50 GOMF GTPASE BINDING 100 150 GOMF PHOSPHATASE ACTIVITY GOMF GLYCOSYLTRANSFERASE **ACTIVITY GOMF GUANYL NUCLEOTIDE EXCHANGE FACTOR ACTIVITY GOMF TRANSCRIPTION COREPRESSOR ACTIVITY** GOMF GROWTH FACTOR BINDING **GOMF NEUTRAL AMINO ACID** TRANSMEMBRANE TRANSPORTER **ACTIVITY GOMF PHOSPHATIDYLINOSITOL** PHOSPHATE PHOSPHATASE ACTIVITY **GOMF PHOSPHATIDYLINOSITOL** PHOSPHATE 5 PHOSPHATASE 0 **ACTIVITY** 0.01 0.02 0.03 0.04 GeneRatio





DESeq2 GO-MF: SMZ vs CTRL **GOMF TRANSCRIPTION** COREGULATOR ACTIVITY **GOMF DNA BINDING** TRANSCRIPTION FACTOR BINDING **GOMF NUCLEOSIDE** TRIPHOSPHATASE REGULATOR **ACTIVITY** GOMF PHOSPHOLIPID BINDING **GOMF PROTEIN SERINE** THREONINE KINASE ACTIVITY **GOMF ACTIN BINDING-GOMF PROTEIN SERINE** THREONINE TYROSINE KINASE **ACTIVITY** p.adjust **GOMF CADHERIN BINDING-**1e-05 **GOMF PROTEIN SERINE KINASE** 2e-05 ACTIVITY 3e-05 GOMF MOLECULAR ADAPTOR 4e-05 **ACTIVITY GOMF RNA POLYMERASE II** SPECIFIC DNA BINDING Count TRANSCRIPTION FACTOR BINDING 100 150 **GOMF GTPASE BINDING-**200 **GOMF PHOSPHATIDYLINOSITOL BINDING GOMF PROTEIN MACROMOLECULE** ADAPTOR ACTIVITY **GOMF TRANSCRIPTION COACTIVATOR ACTIVITY GOMF HISTONE BINDING GOMF GUANYL NUCLEOTIDE EXCHANGE FACTOR ACTIVITY GOMF TRANSCRIPTION COREPRESSOR ACTIVITY** GOMF NUCLEAR RECEPTOR BINDING **GOMF TRANSCRIPTION COREGULATOR BINDING** 0.02 0.03 0.04 0.01 GeneRatio

DESeq2 GO-MF: TMP vs CTRL **GOMF NUCLEOSIDE** TRIPHOSPHATASE REGULATOR **GOMF PROTEIN SERINE** THREONINE KINASE ACTIVITY GOMF PHOSPHOLIPID BINDING **GOMF PROTEIN SERINE** THREONINE TYROSINE KINASE **ACTIVITY GOMF ACTIN BINDING** GOMF PHOSPHORIC ESTER HYDROLASE ACTIVITY **GOMF PROTEIN SERINE KINASE** ACTIVITY GOMF CADHERIN BINDING p.adjust **GOMF PHOSPHATIDYLINOSITOL** 0.005 BINDING 0.010 **GOMF GTPASE BINDING** 0.015 0.020 **GOMF UBIQUITIN LIKE PROTEIN** LIGASE BINDING Count **GOMF PHOSPHATASE ACTIVITY-**50 **GOMF GLYCOSYLTRANSFERASE ACTIVITY GOMF GUANYL NUCLEOTIDE EXCHANGE FACTOR ACTIVITY** GOMF MAGNESIUM ION BINDING **GOMF PHOSPHATASE BINDING GOMF GROWTH FACTOR BINDING GOMF PHOSPHATIDYLINOSITOL** PHOSPHATE PHOSPHATASE ACTIVITY **GOMF PHOSPHATIDYLINOSITOL** PHOSPHATE 5 PHOSPHATASE **ACTIVITY GOMF PHOSPHATIDYLINOSITOL 4 5 BISPHOSPHATE PHOSPHATASE** 0 **ACTIVITY** 0.01 0.02 0.03 0.04 GeneRatio



DESeq2 GO-MF: DMSO vs CTRL **GOMF TRANSCRIPTION COREGULATOR ACTIVITY GOMF PHOSPHOLIPID BINDING GOMF DNA BINDING** TRANSCRIPTION FACTOR BINDING **GOMF NUCLEOSIDE** TRIPHOSPHATASE REGULATOR **ACTIVITY GOMF PROTEIN SERINE** THREONINE TYROSINE KINASE **ACTIVITY GOMF PROTEIN SERINE** THREONINE KINASE ACTIVITY GOMF CADHERIN BINDING GOMF ACTIN BINDING p.adjust **GOMF PHOSPHATIDYLINOSITOL** 0.005 BINDING 0.010 GOMF PROTEIN SERINE KINASE **ACTIVITY** 0.015 **GOMF GTPASE BINDING** Count **GOMF RNA POLYMERASE II** SPECIFIC DNA BINDING 60 TRANSCRIPTION FACTOR BINDING **GOMF TRANSCRIPTION COACTIVATOR ACTIVITY GOMF HISTONE BINDING-GOMF PHOSPHATIDYLINOSITOL** PHOSPHATE BINDING **GOMF TRANSCRIPTION COREPRESSOR ACTIVITY GOMF TRANSCRIPTION COREGULATOR BINDING GOMF PHOSPHATIDYLINOSITOL 3** PHOSPHATE BINDING GOMF PHOSPHATIDYLINOSITOL PHOSPHATE PHOSPHATASE ACTIVITY **GOMF HISTONE** 0 ACETYLTRANSFERASE BINDING 0.02 0.03 0.04 0.05 0.01 GeneRatio

