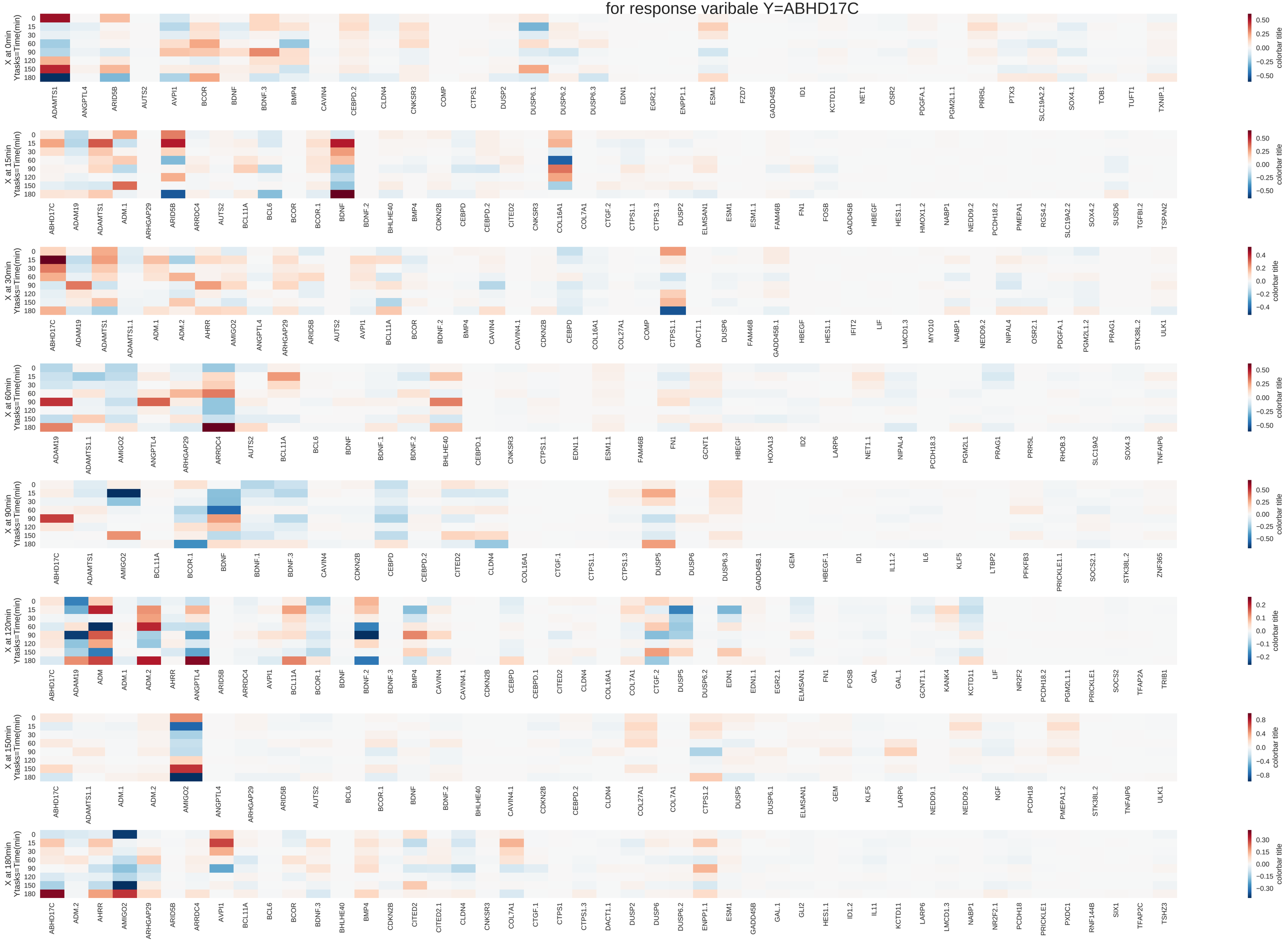
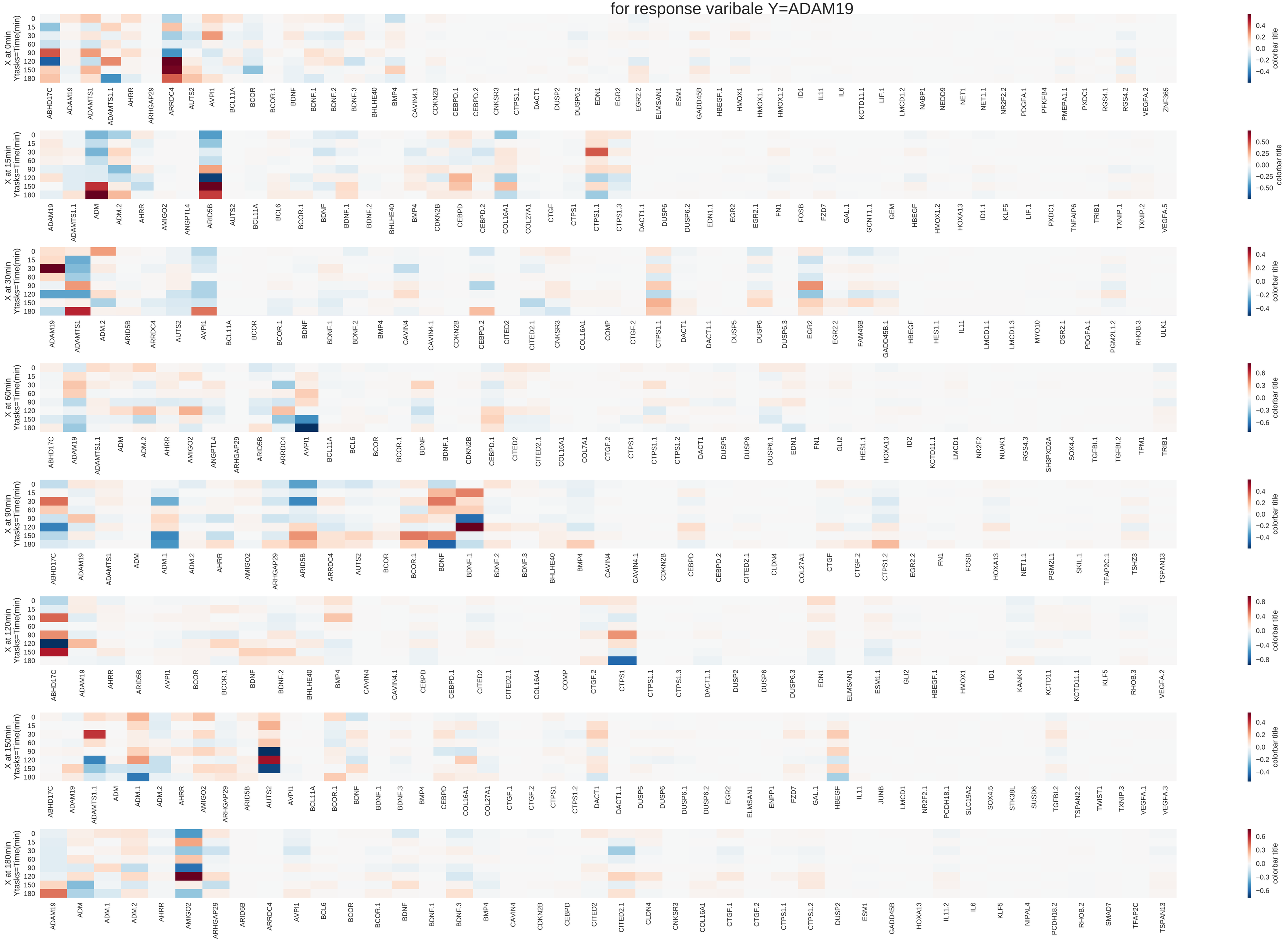
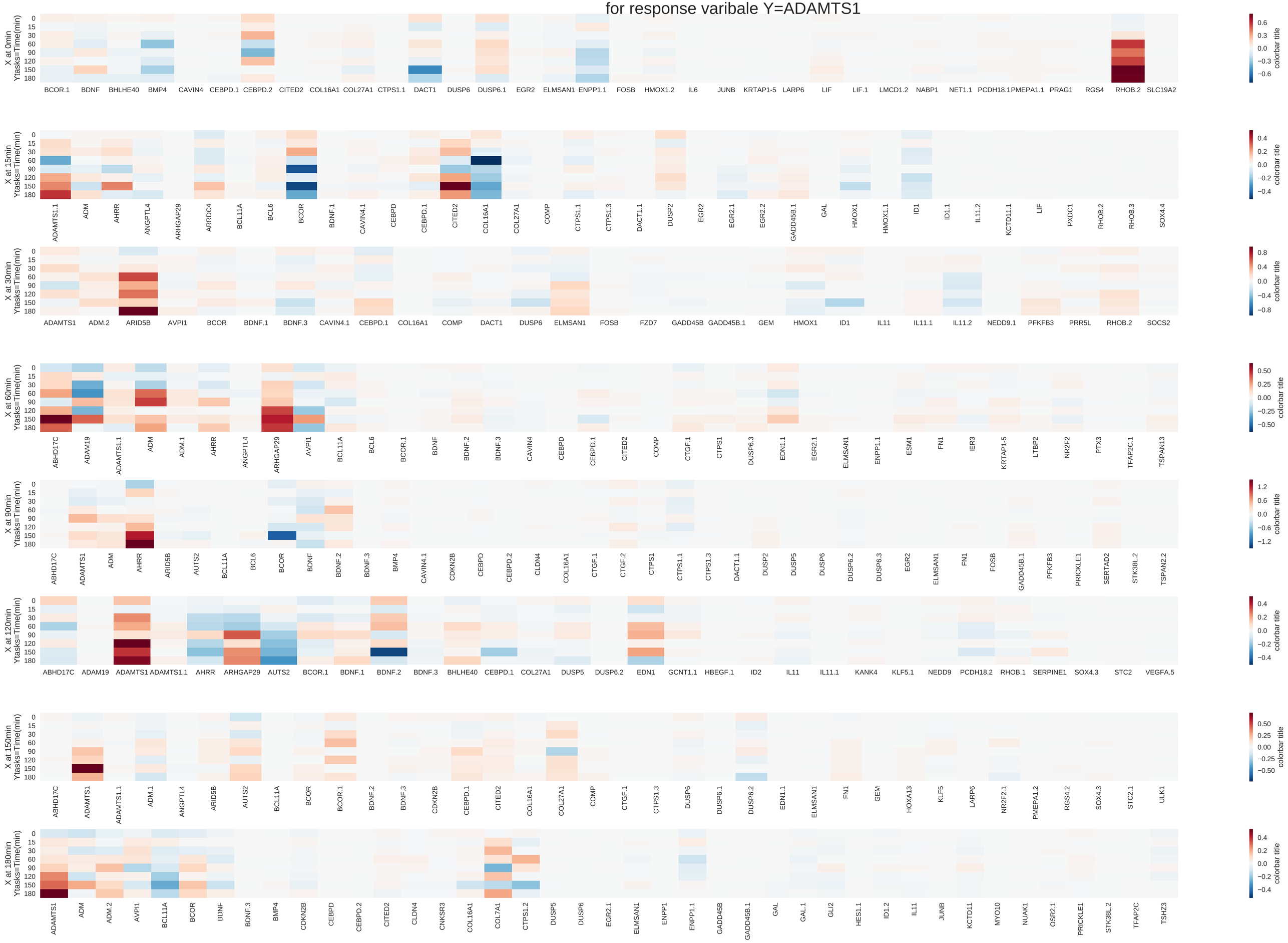
# Coefficients from multi-task LASSO regression for response varibale Y=ABHD17C



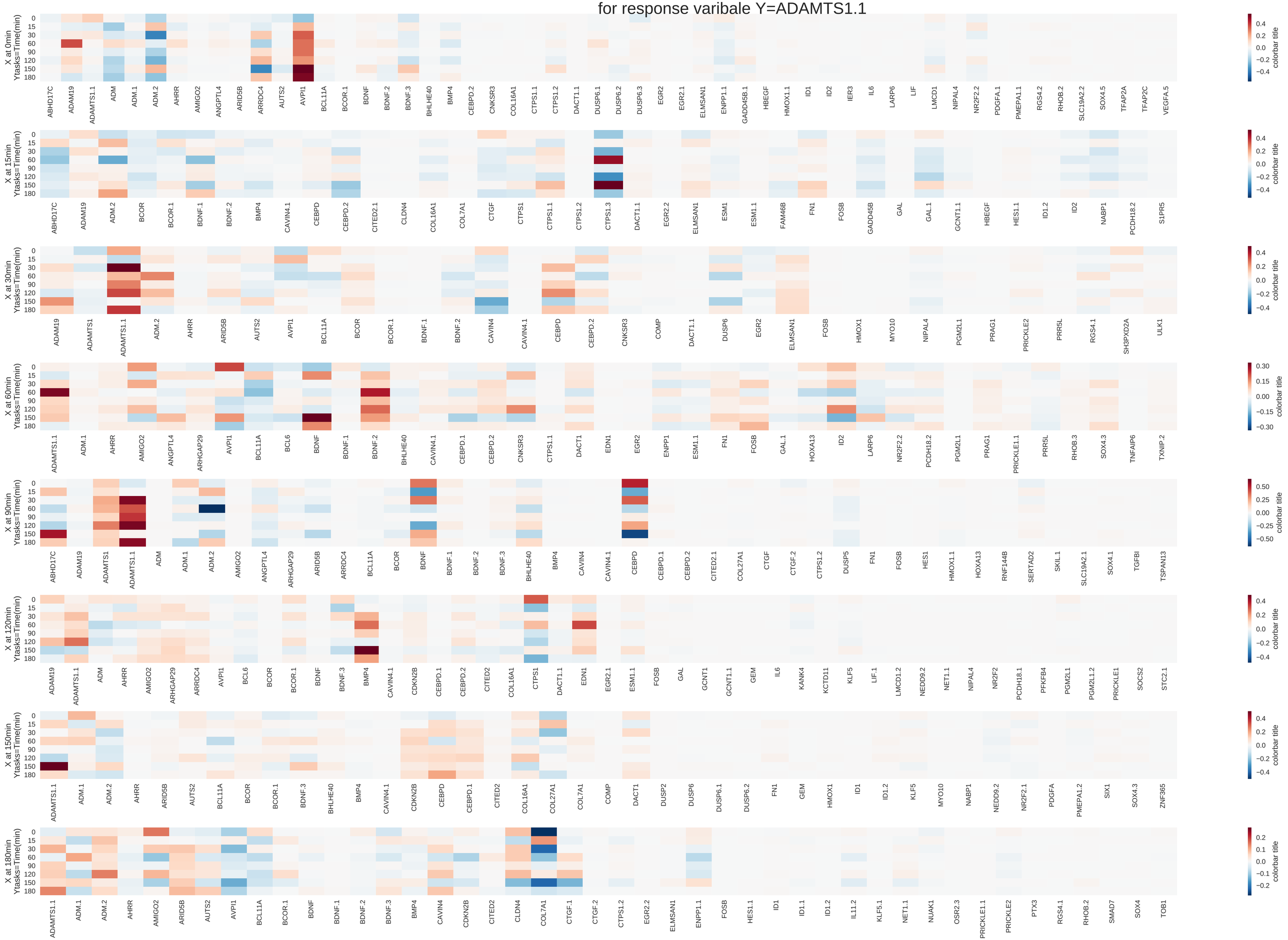
# Coefficients from multi-task LASSO regression for response varibale Y=ADAM19



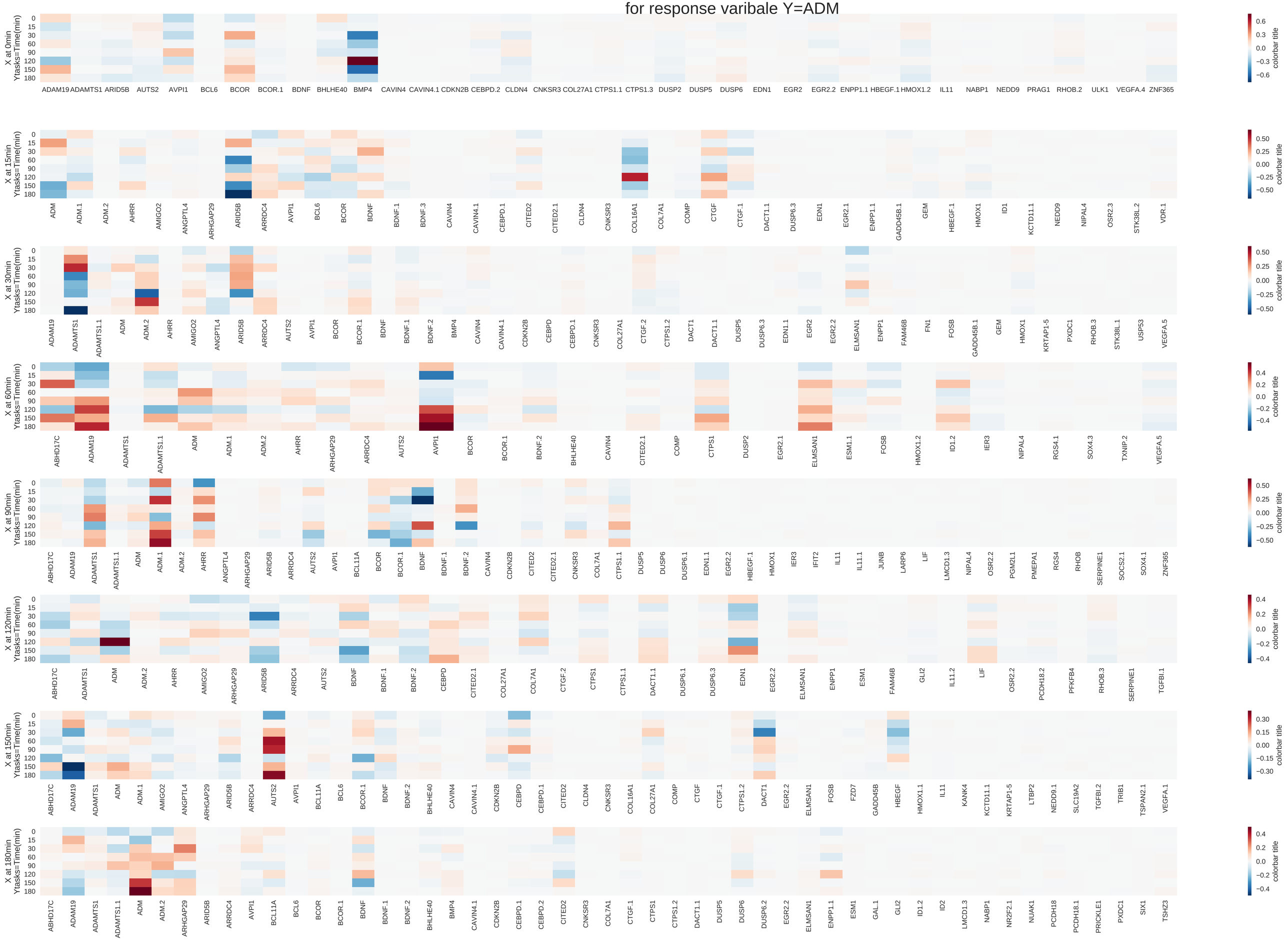
# Coefficients from multi-task LASSO regression for response varibale Y=ADAMTS1



# Coefficients from multi-task LASSO regression for response varibale Y=ADAMTS1.1

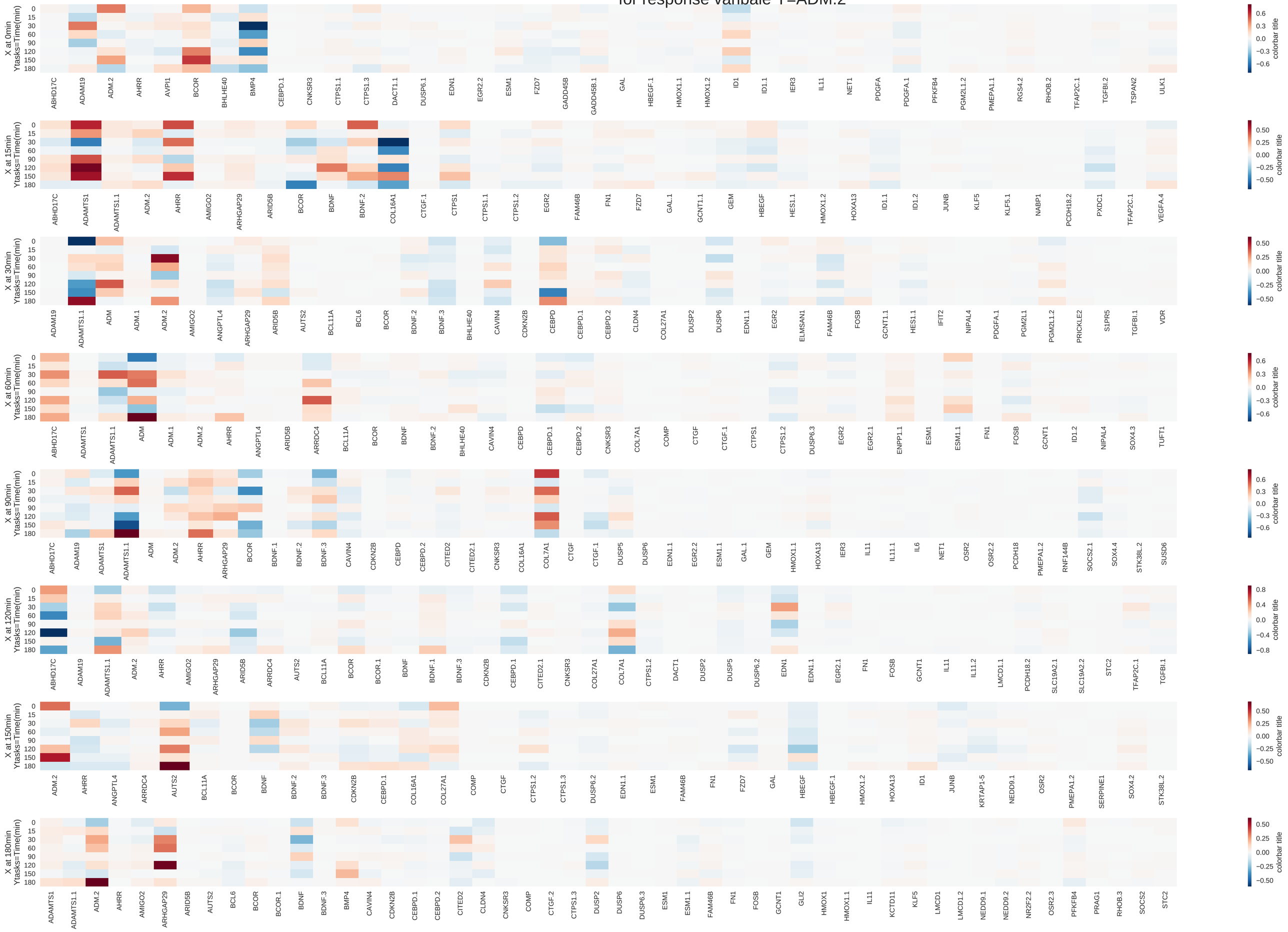


# Coefficients from multi-task LASSO regression for response varibale Y=ADM

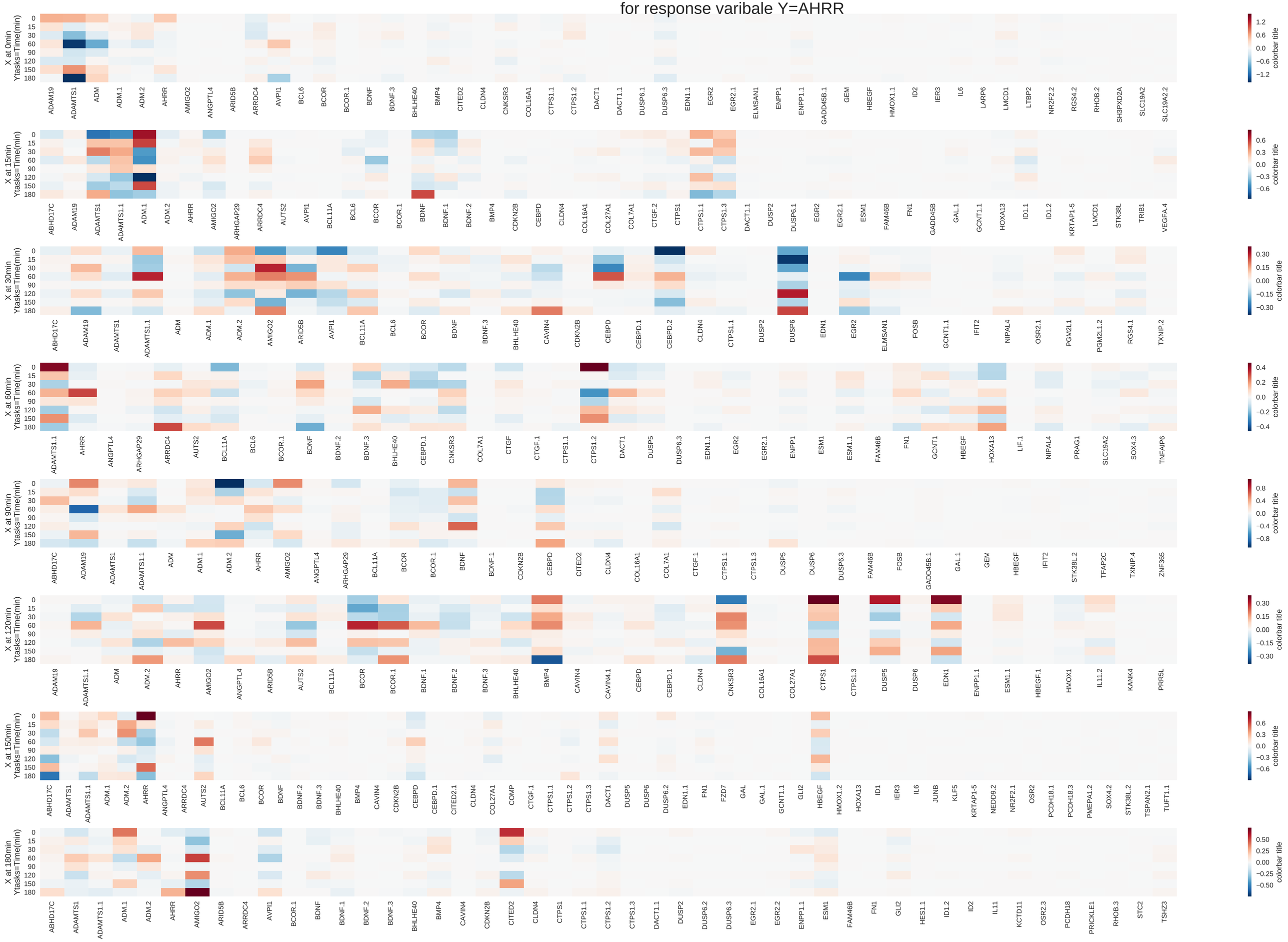


# Coefficients from multi-task LASSO regression for response varibale Y=ADM.1

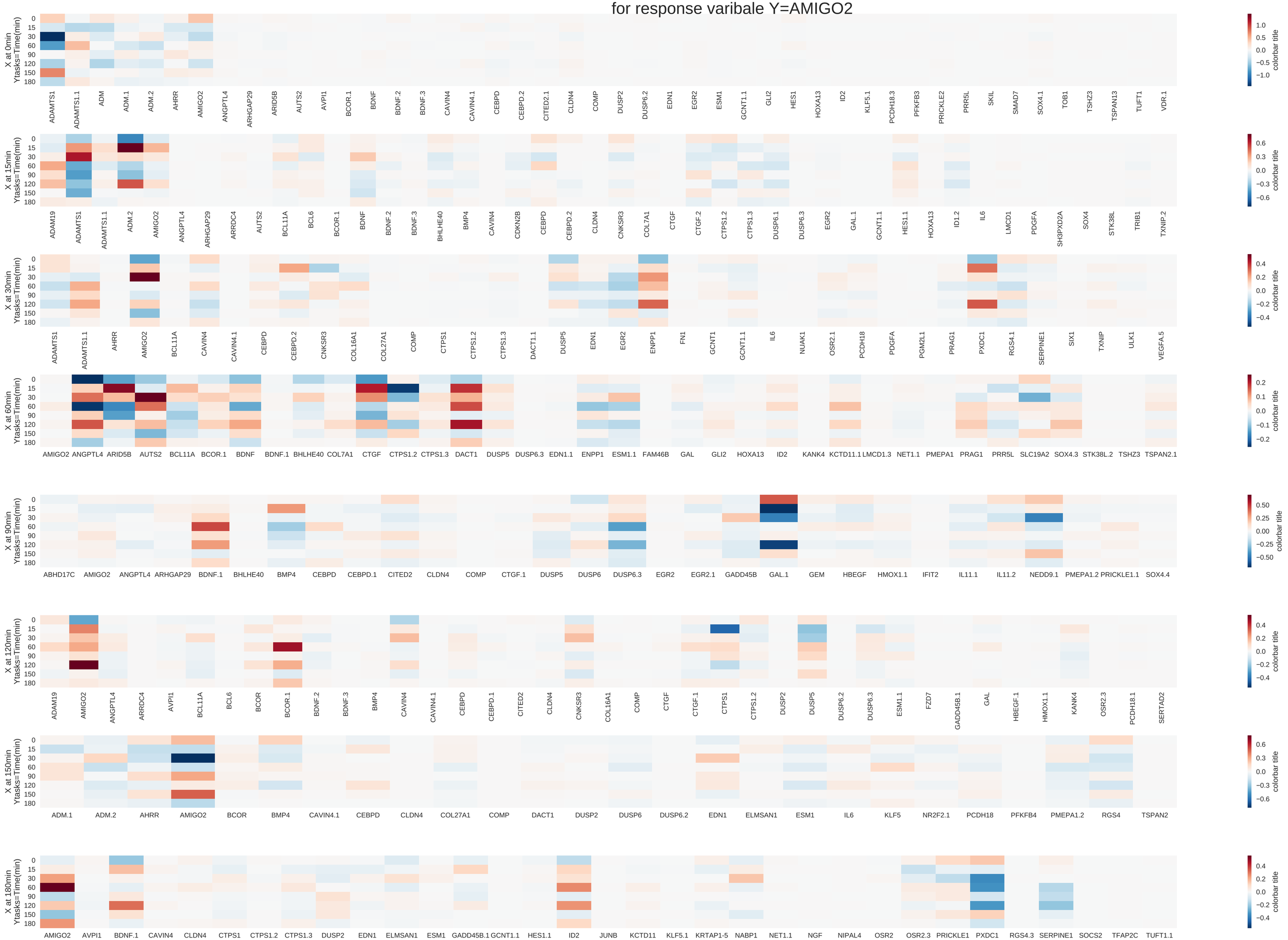
# Coefficients from multi-task LASSO regression for response varibale Y=ADM.2



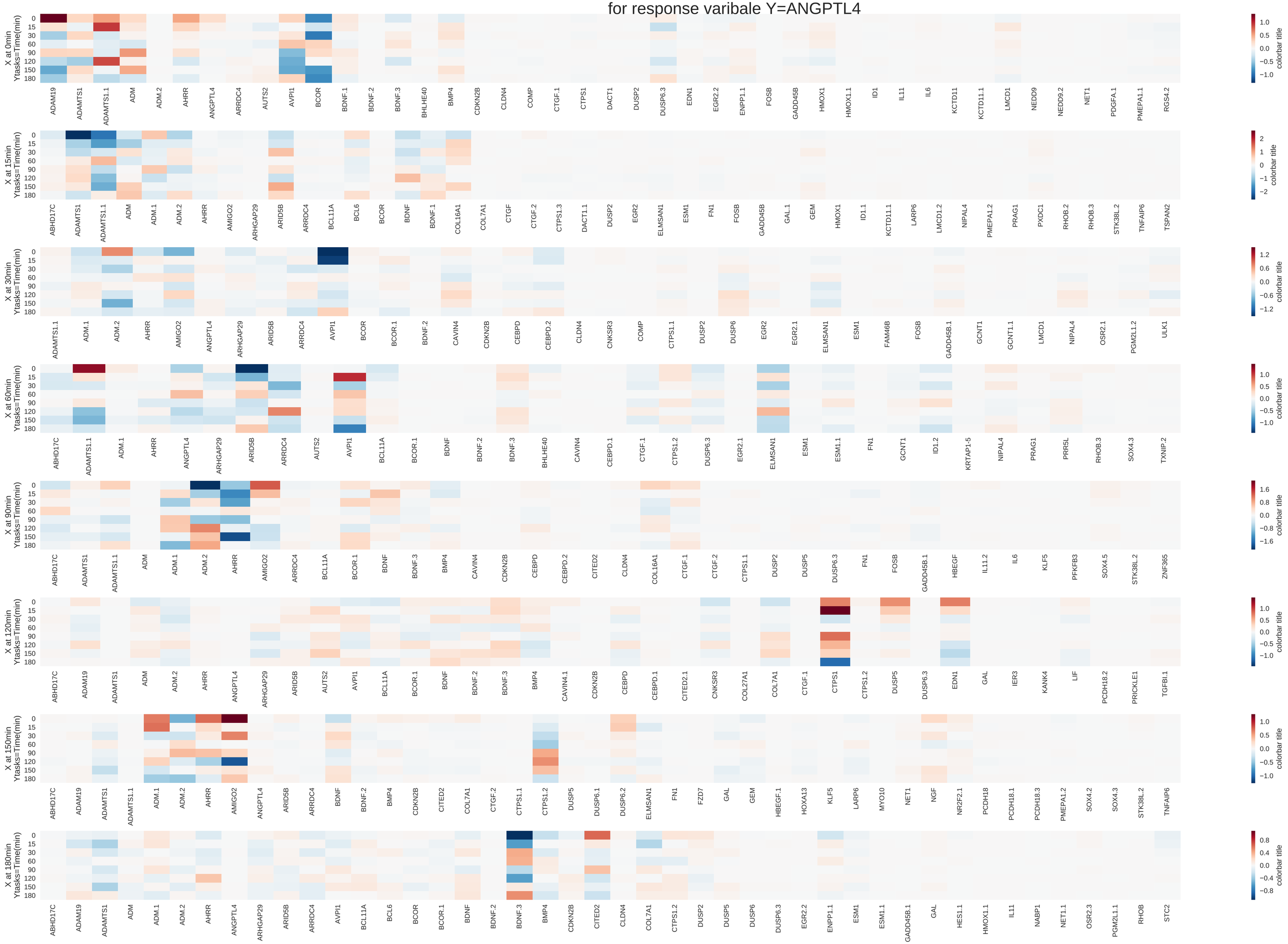
# Coefficients from multi-task LASSO regression for response varibale Y=AHRR



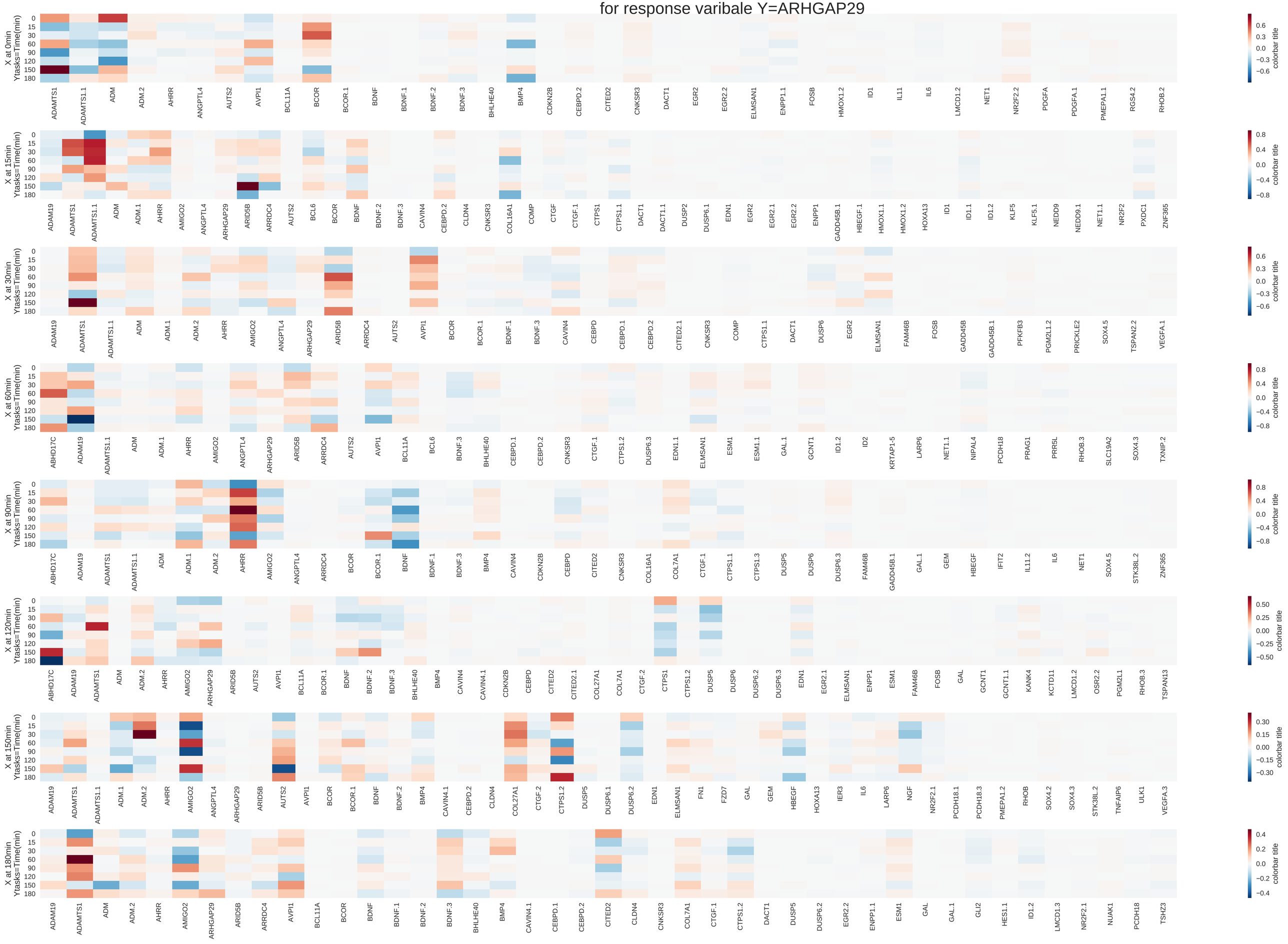
# Coefficients from multi-task LASSO regression for response varibale Y=AMIGO2



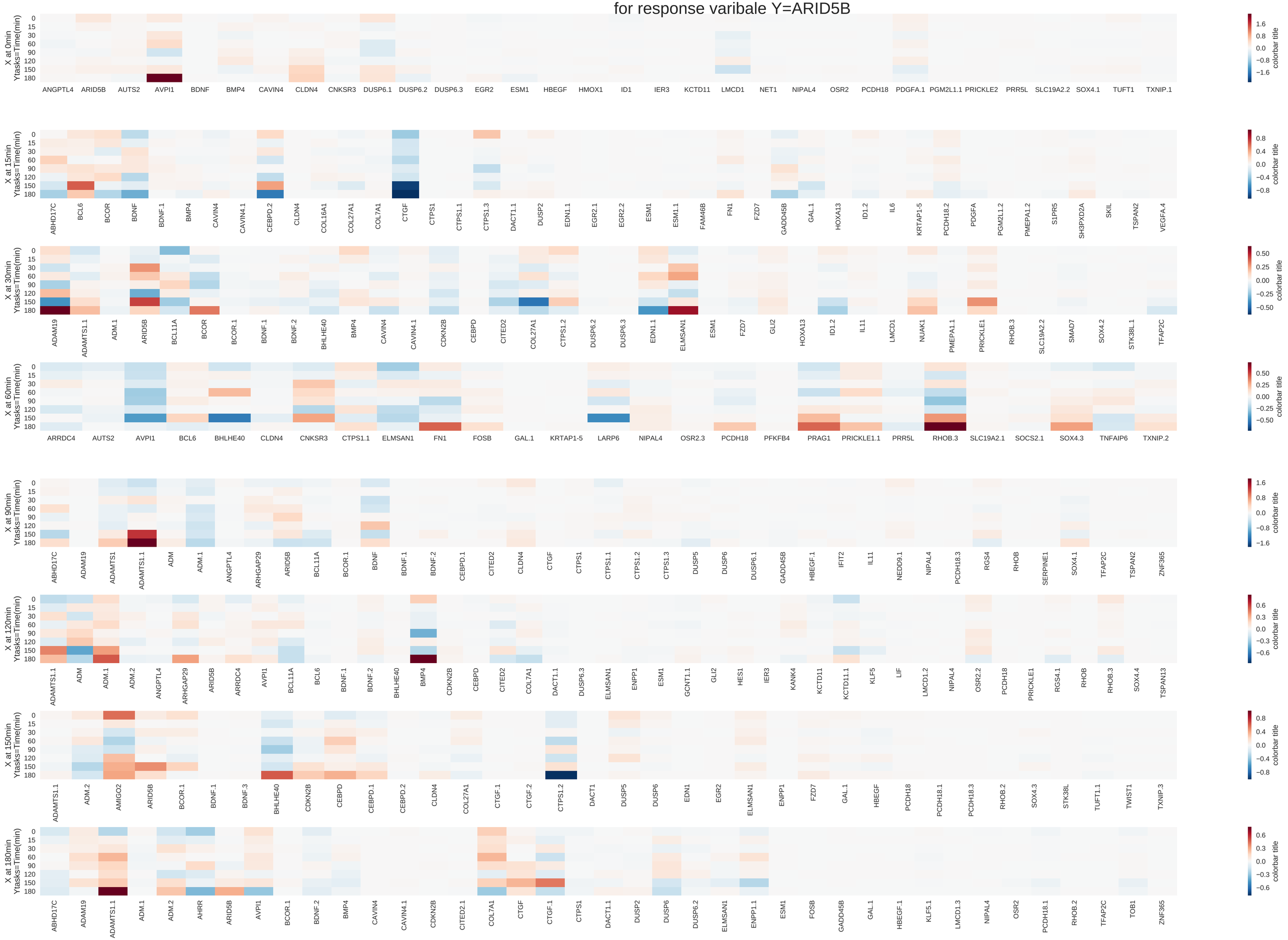
# Coefficients from multi-task LASSO regression for response varibale Y=ANGPTL4



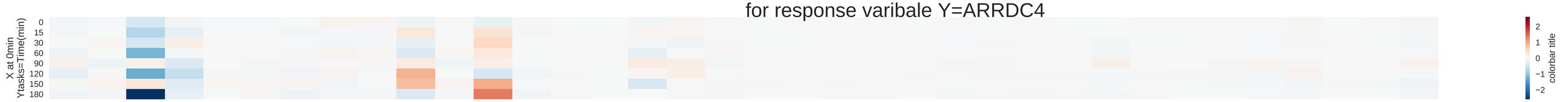
# Coefficients from multi-task LASSO regression for response varibale Y=ARHGAP29

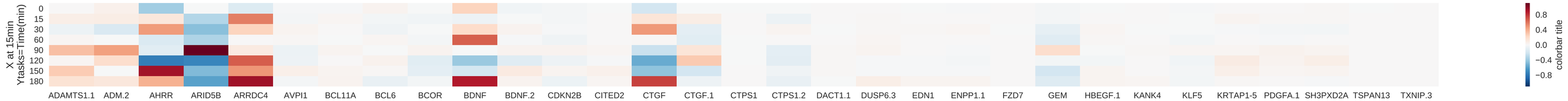


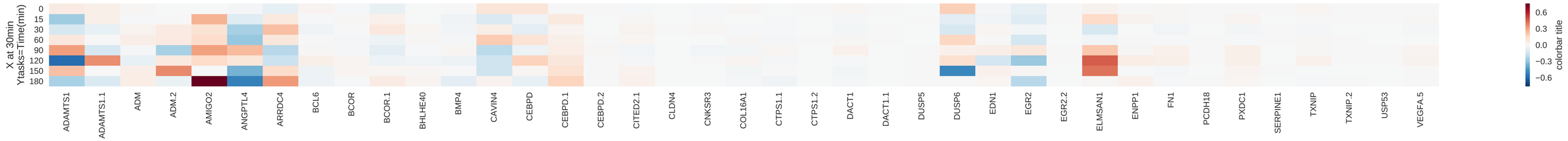
# Coefficients from multi-task LASSO regression for response varibale Y=ARID5B

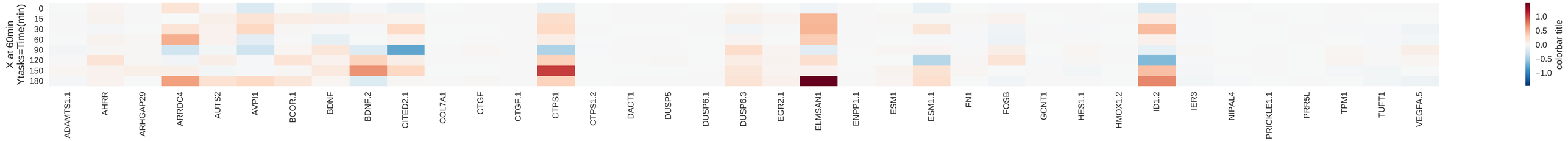


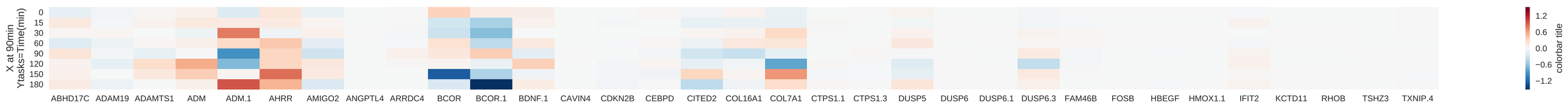
# Coefficients from multi-task LASSO regression for response varibale Y=ARRDC4

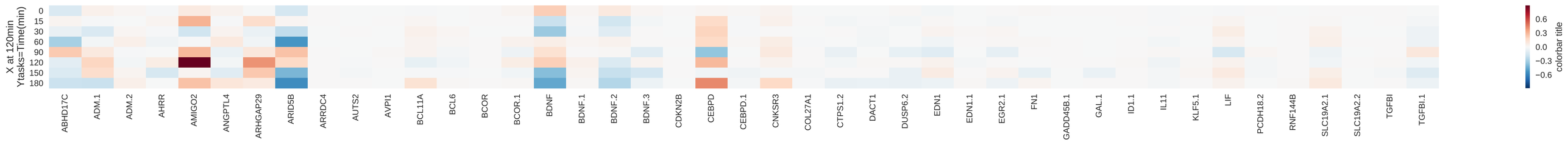


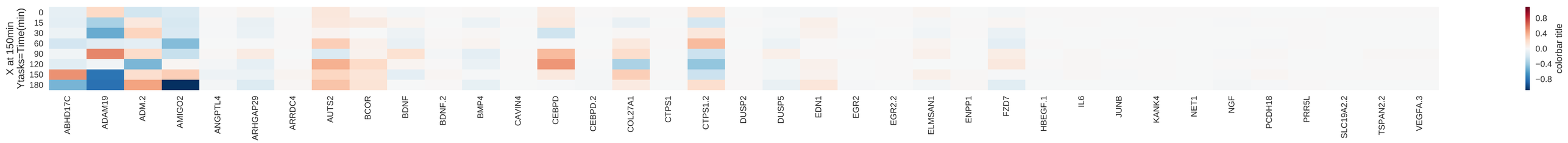



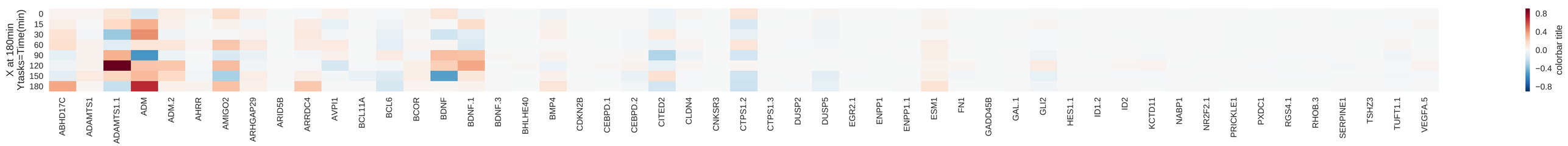



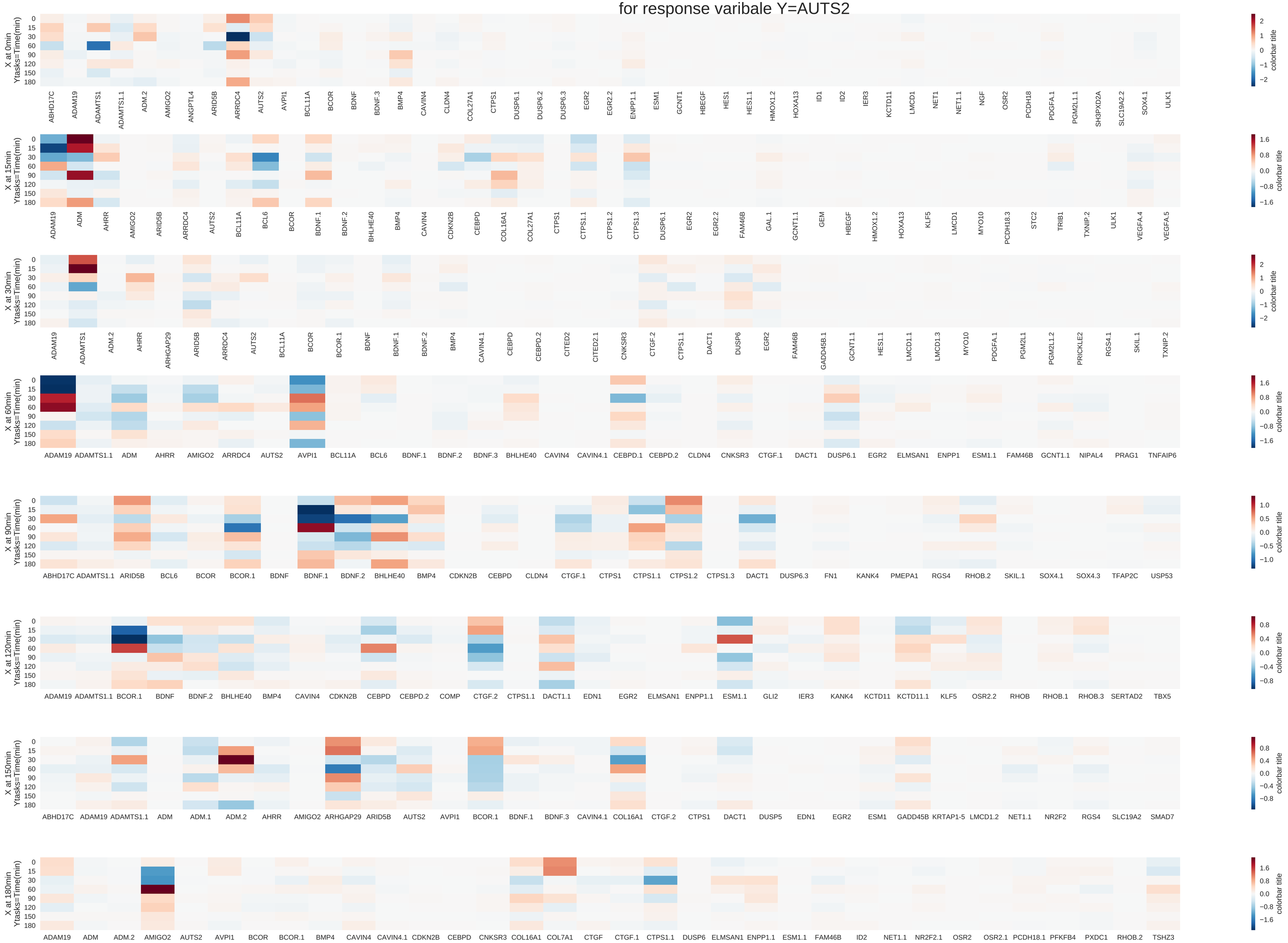



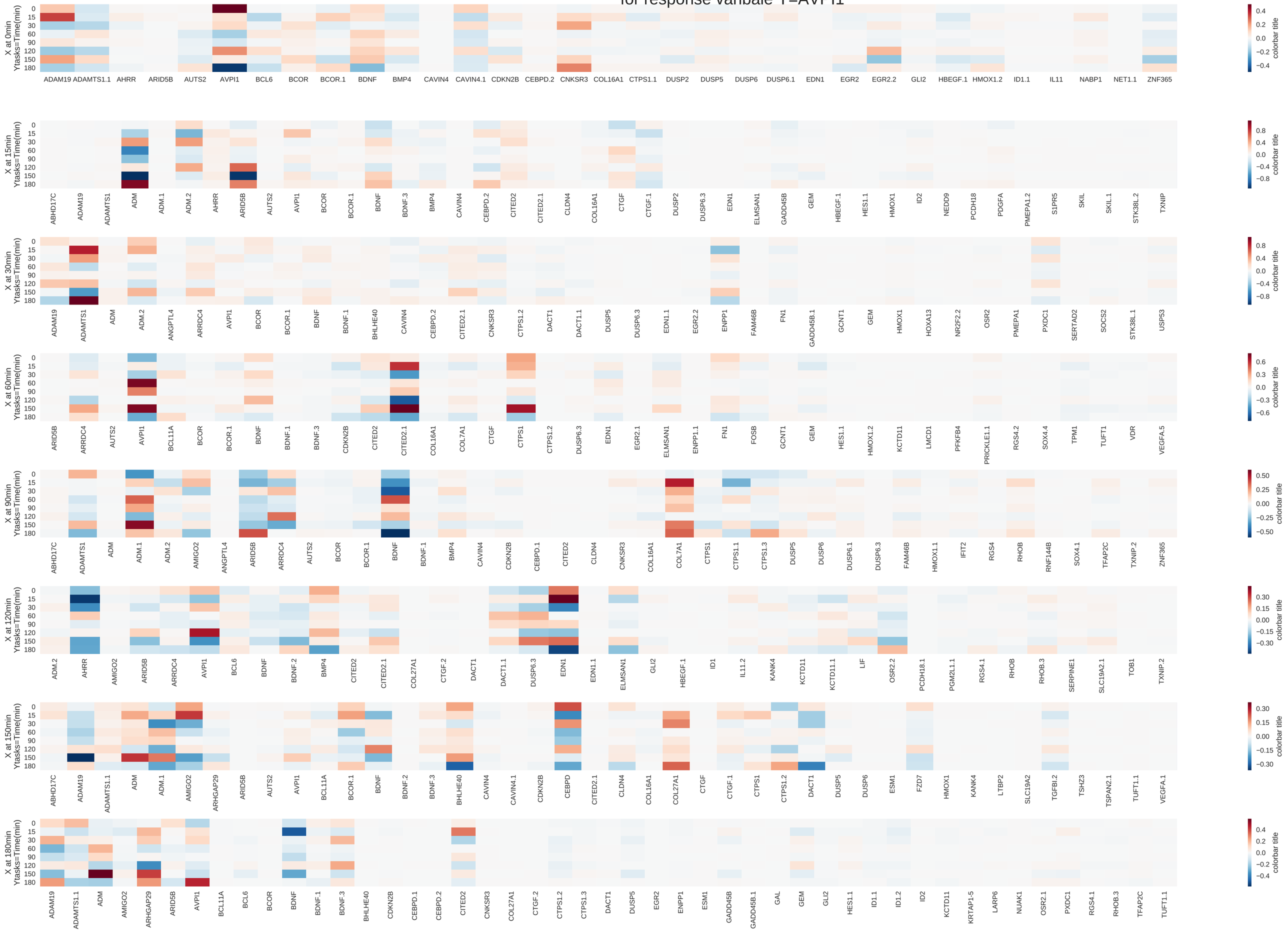



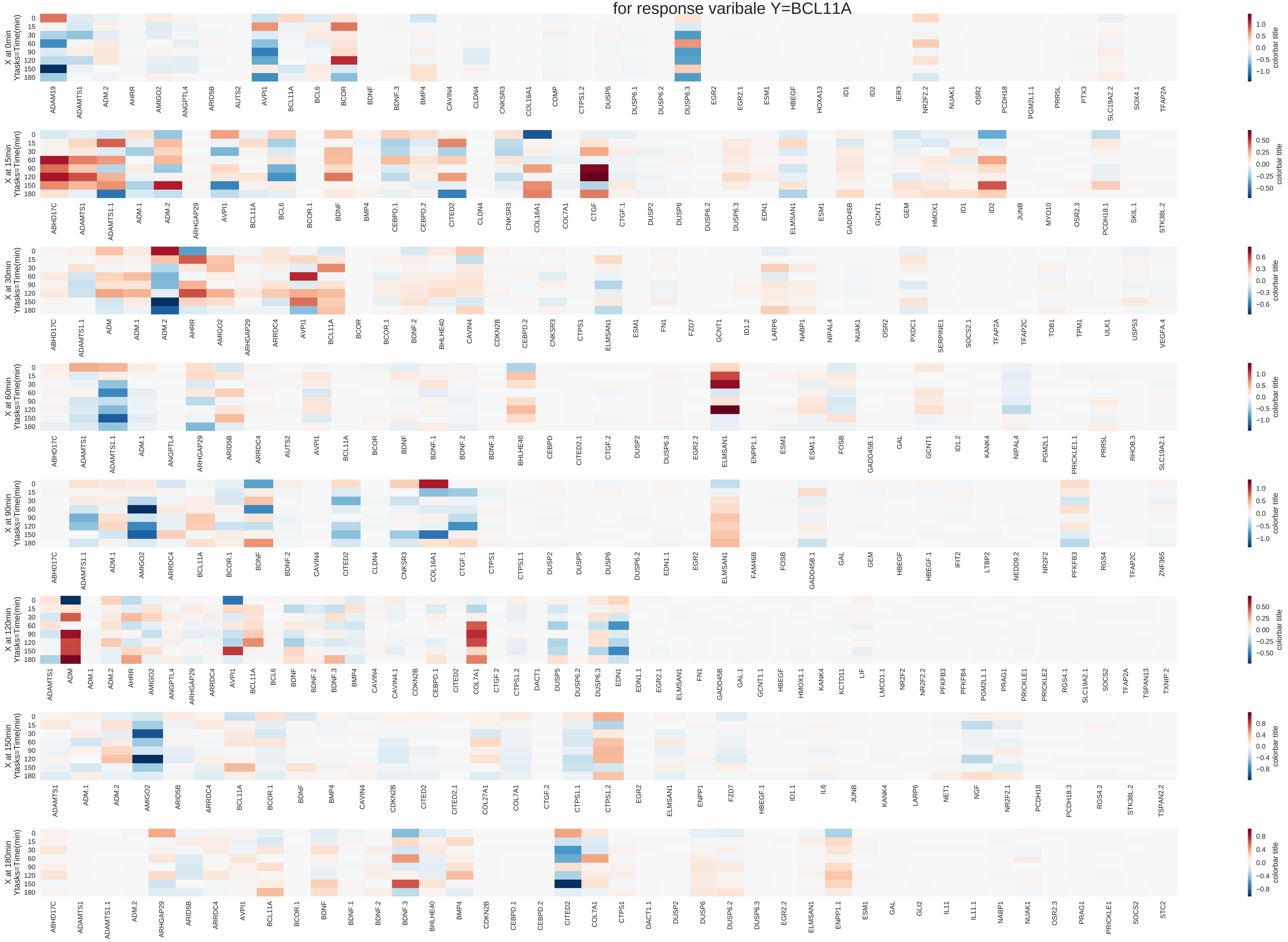
# Coefficients from multi-task LASSO regression for response varibale Y=AUTS2



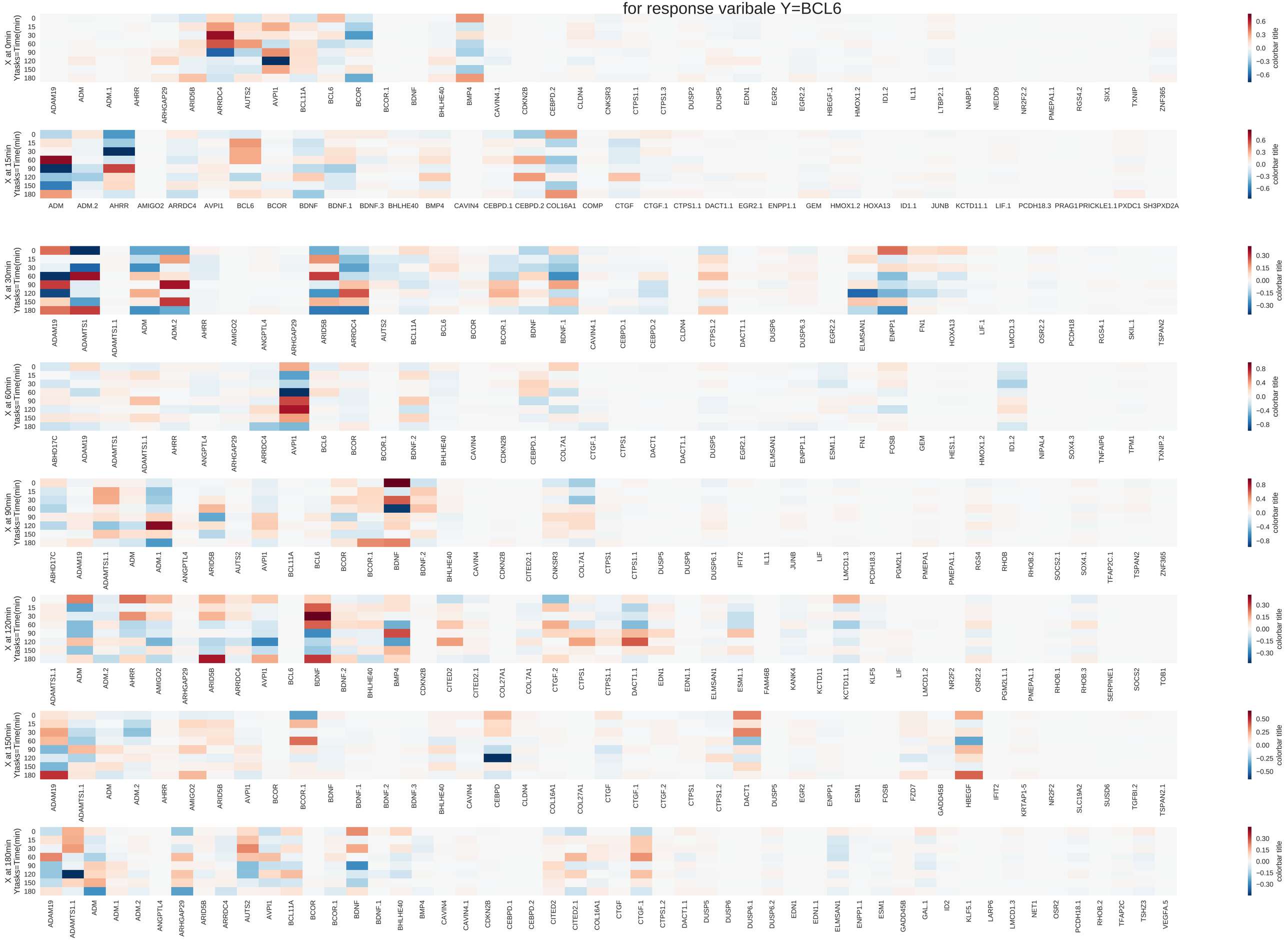
# Coefficients from multi-task LASSO regression for response varibale Y=AVPI1



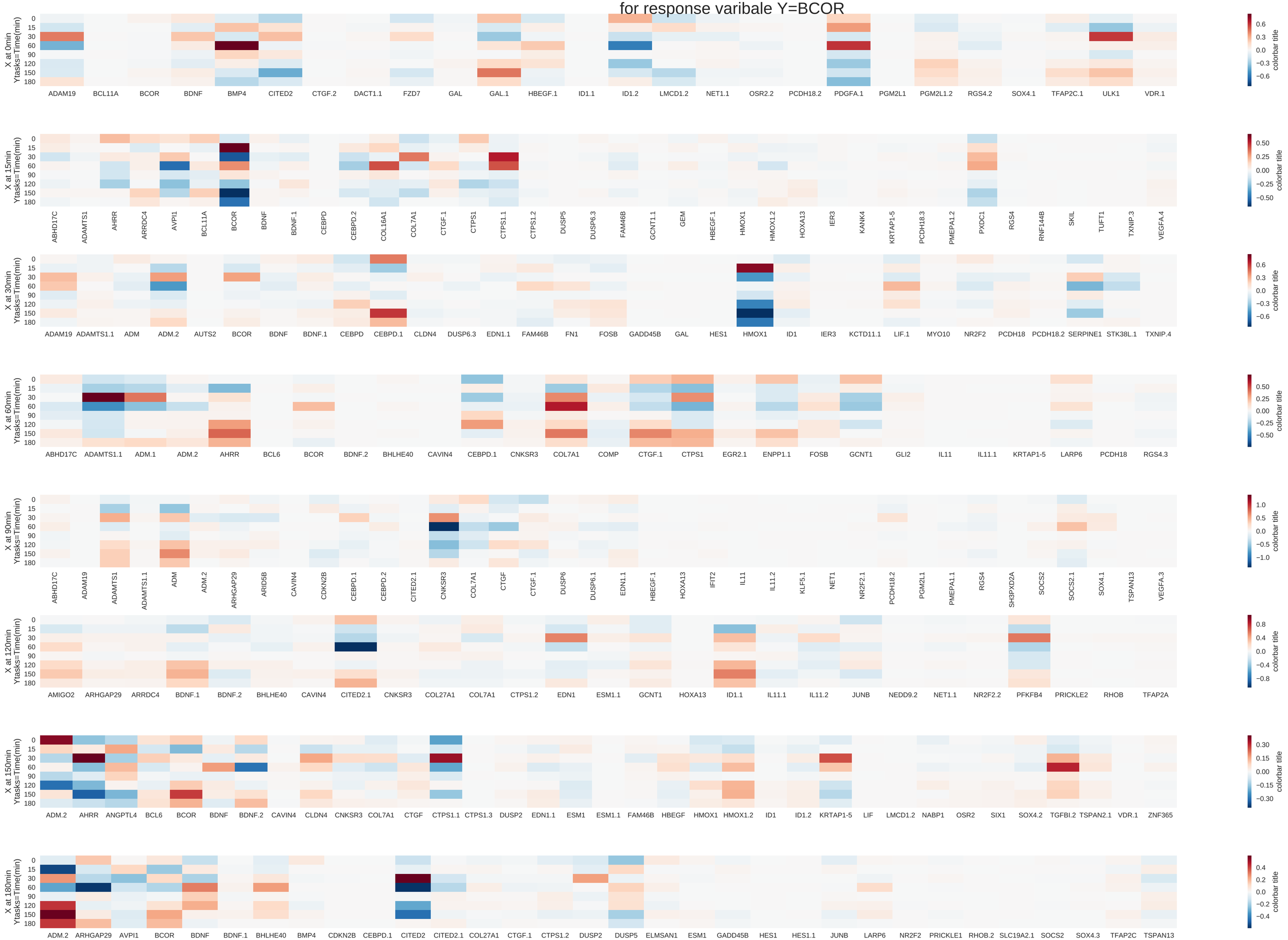
# Coefficients from multi-task LASSO regression for response varibale Y=BCL11A



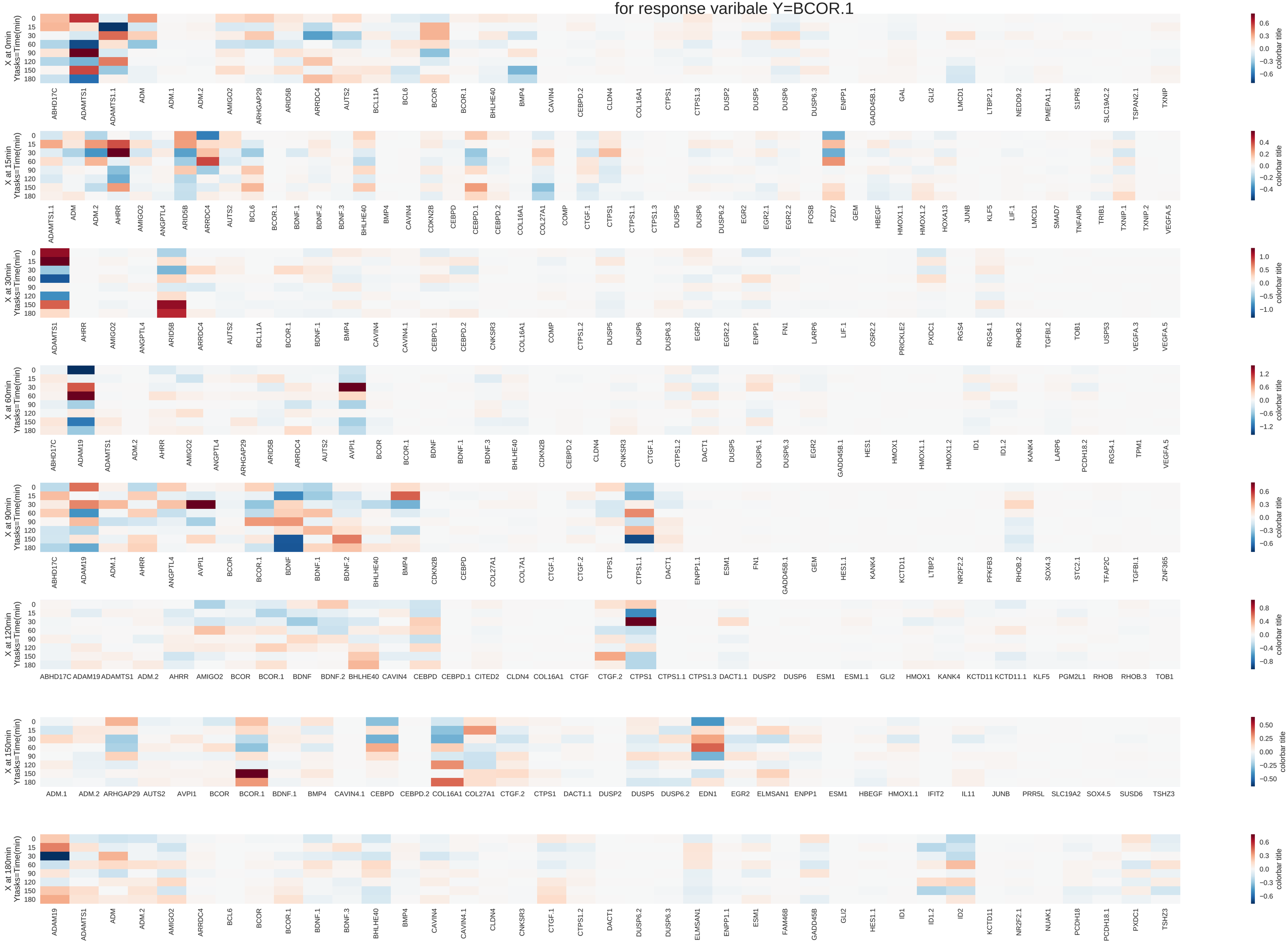
# Coefficients from multi-task LASSO regression for response varibale Y=BCL6



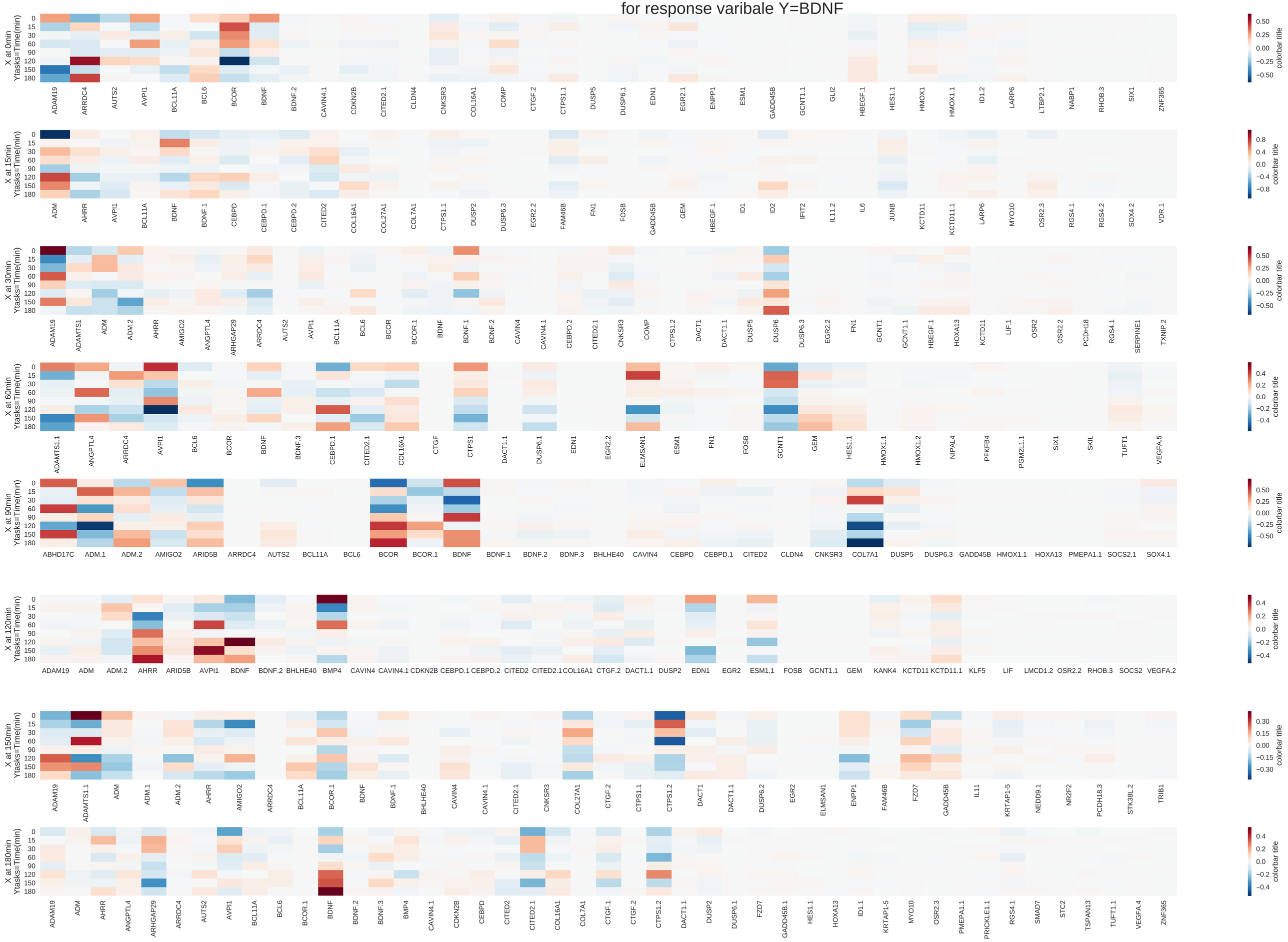
# Coefficients from multi-task LASSO regression for response varibale Y=BCOR



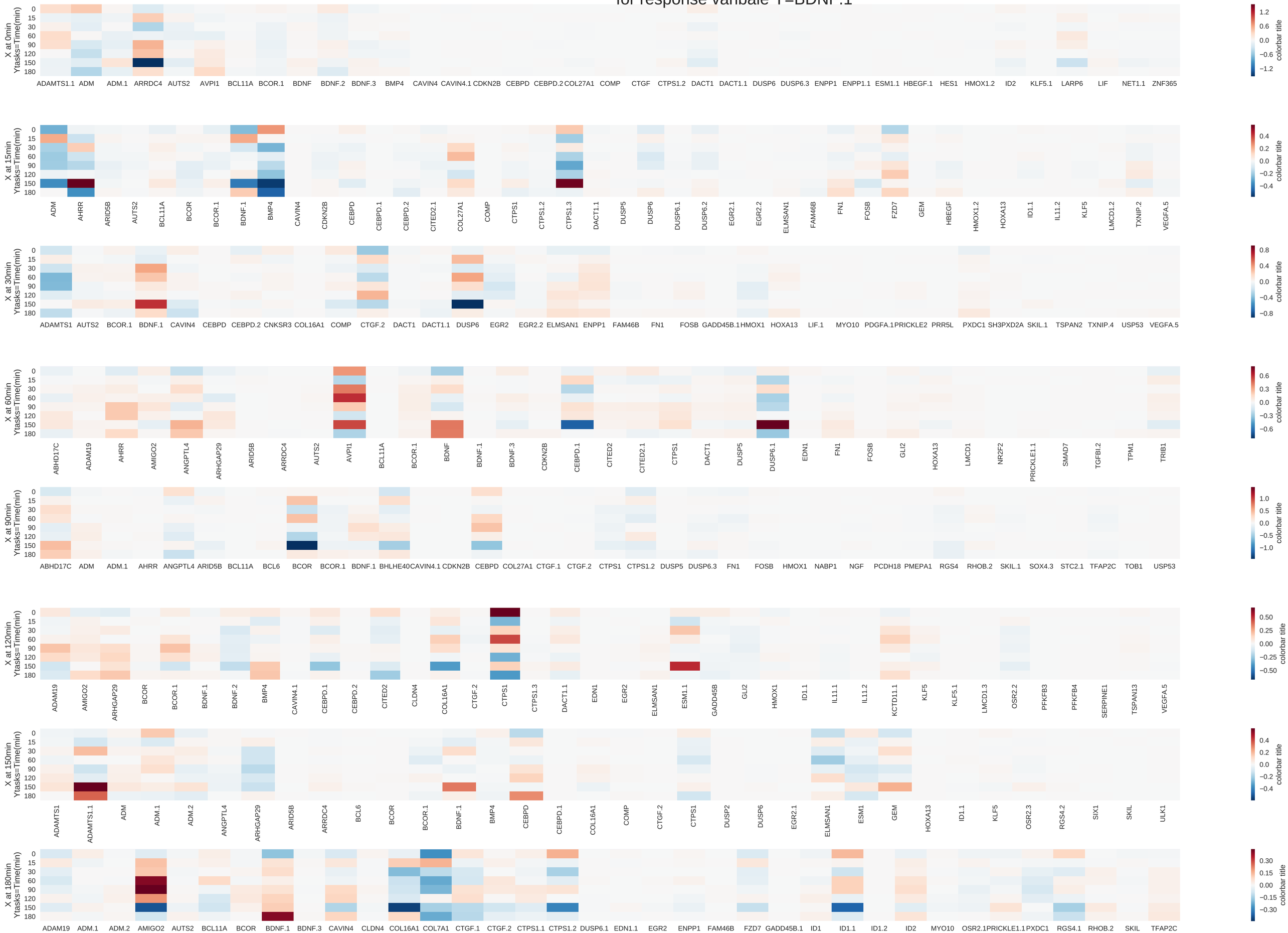
# Coefficients from multi-task LASSO regression for response varibale Y=BCOR.1



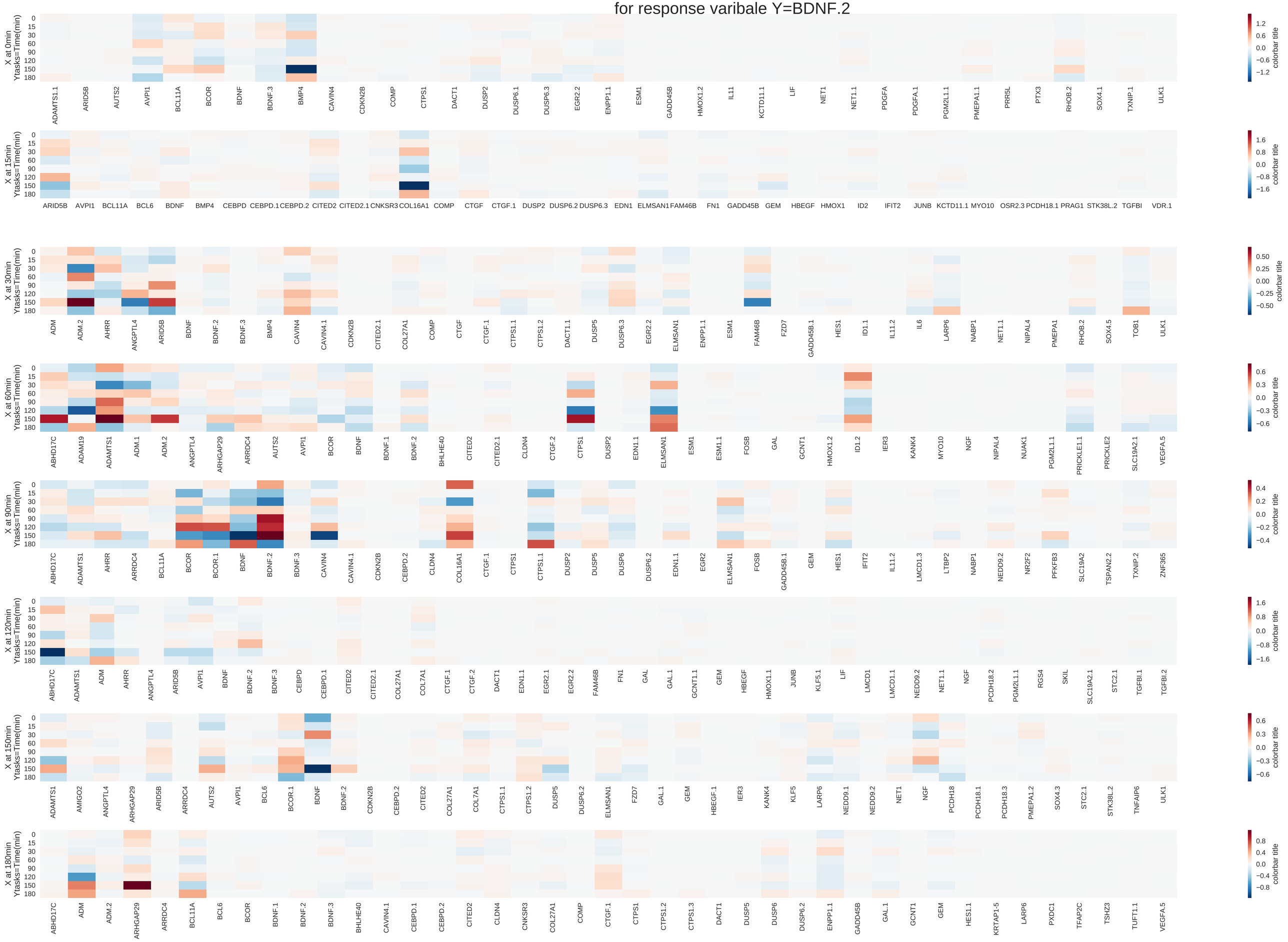
# Coefficients from multi-task LASSO regression for response varibale Y=BDNF



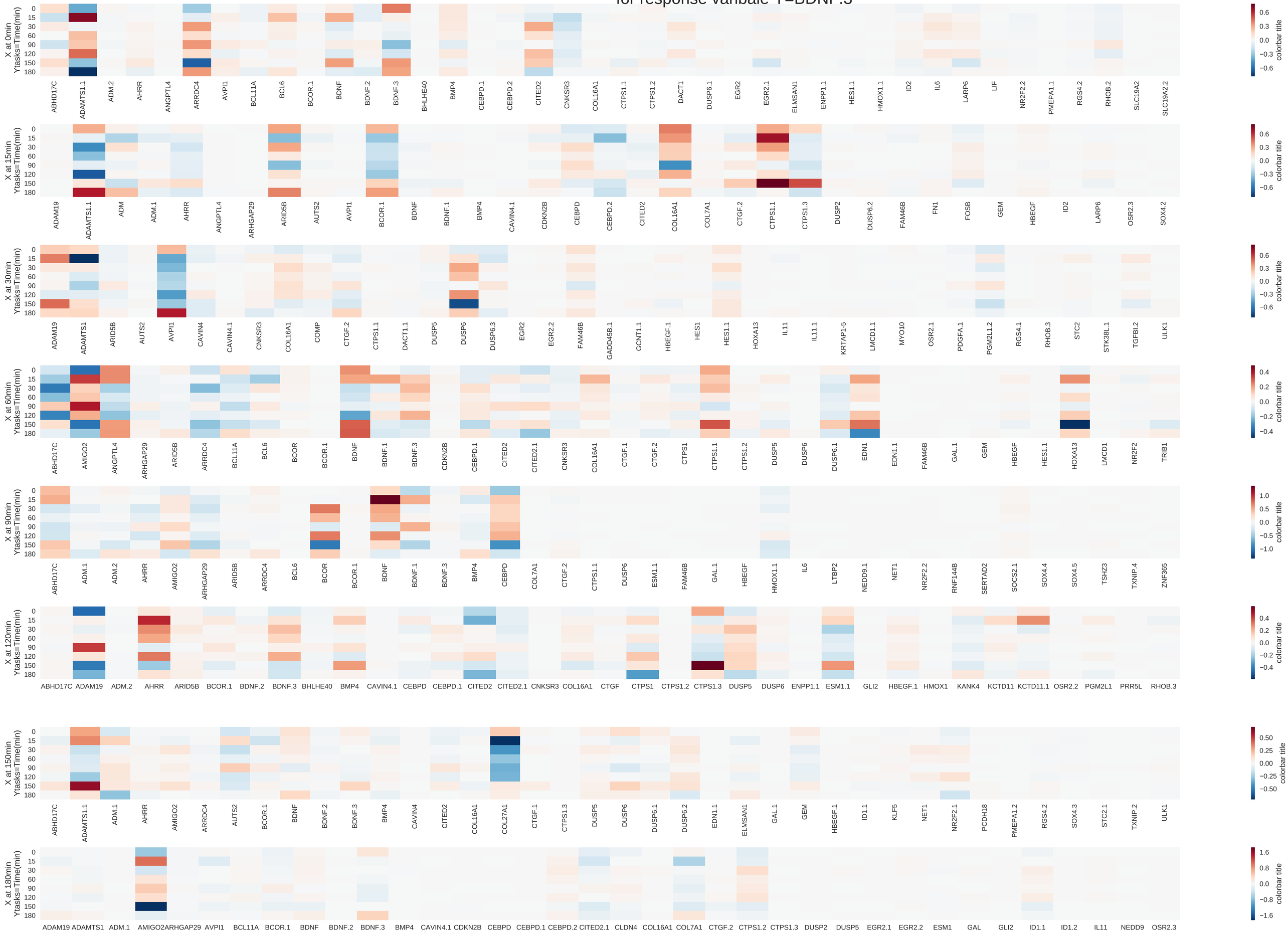
# Coefficients from multi-task LASSO regression for response varibale Y=BDNF.1



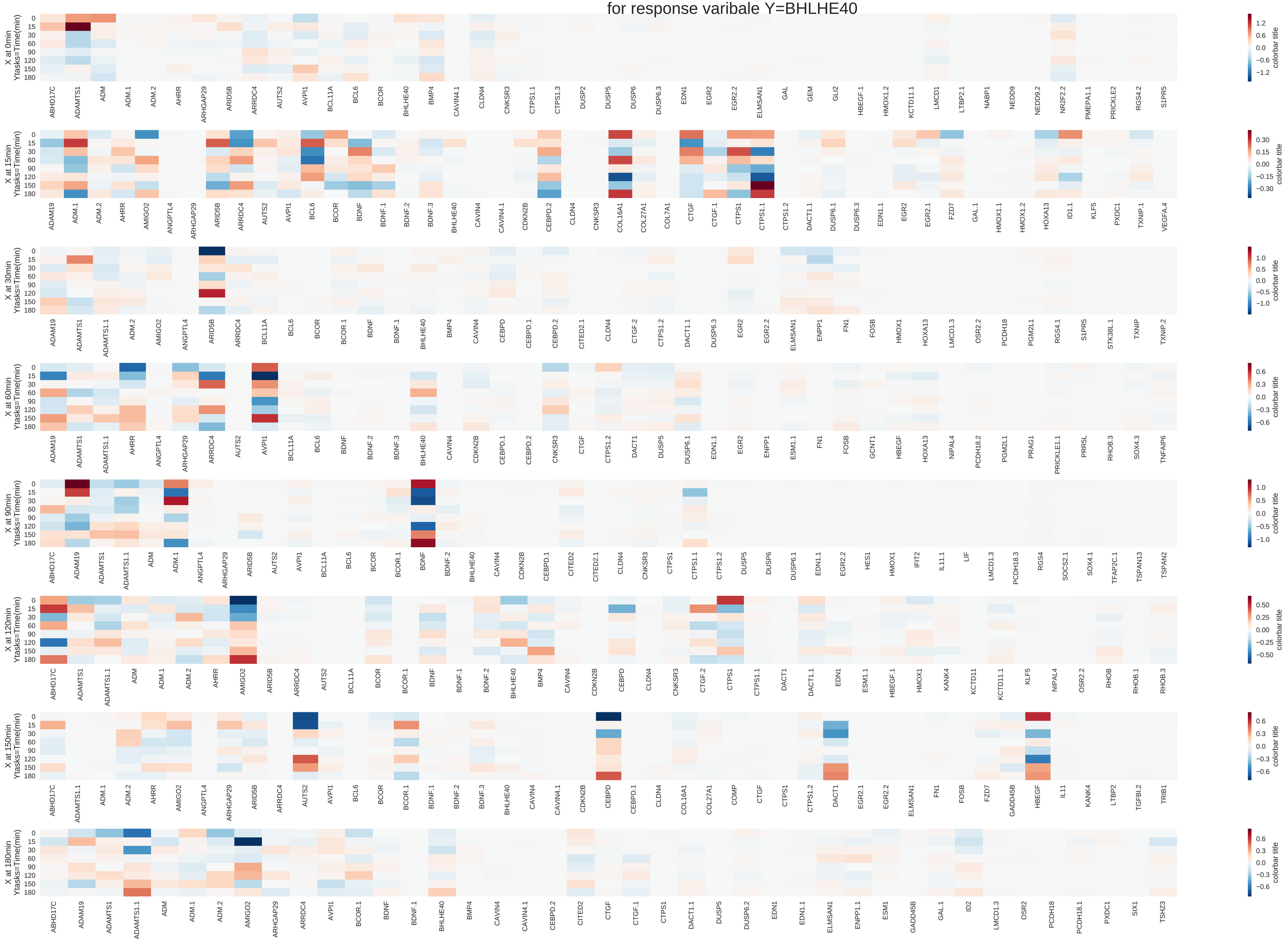
# Coefficients from multi-task LASSO regression for response varibale Y=BDNF.2



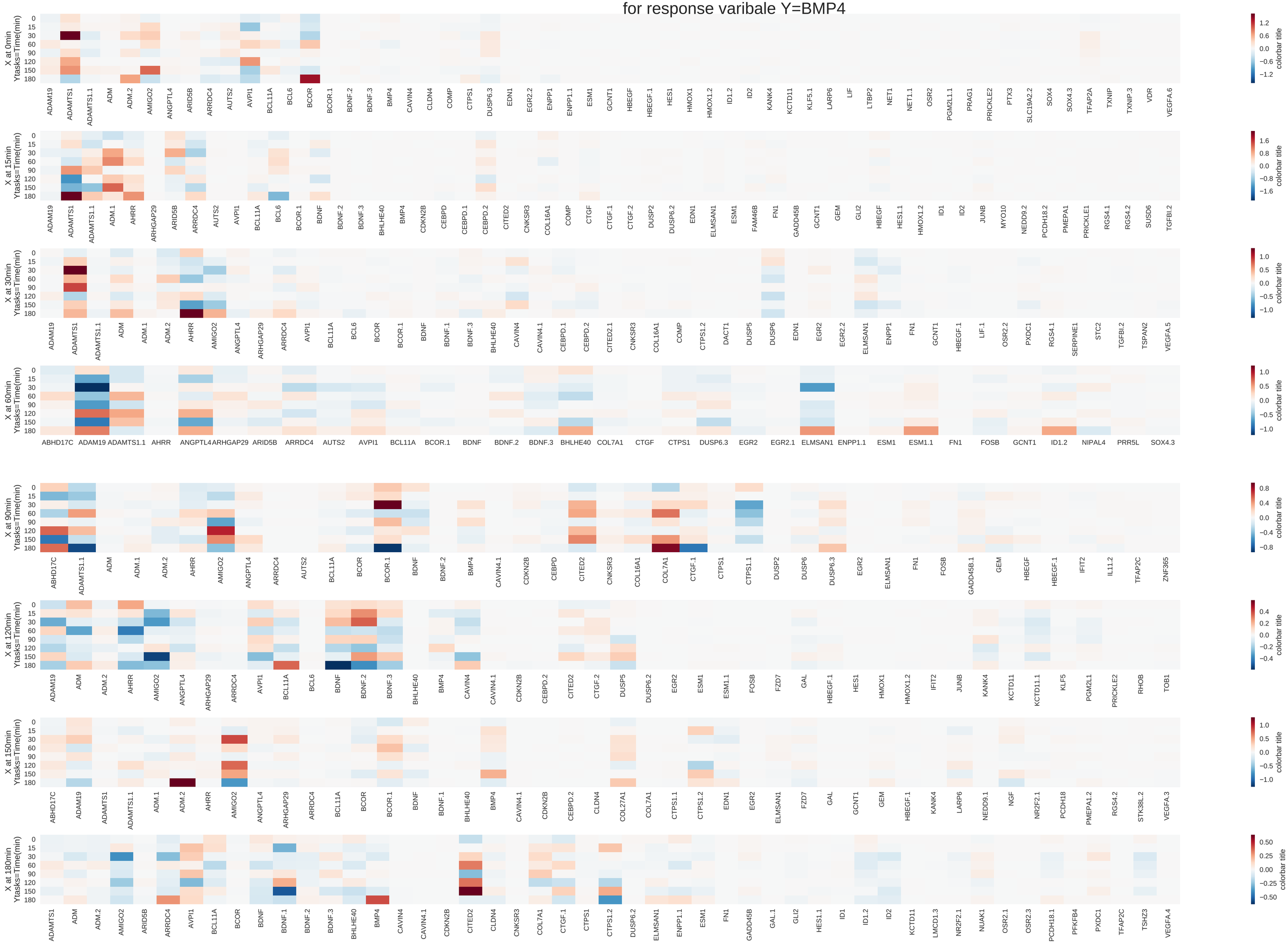
# Coefficients from multi-task LASSO regression for response varibale Y=BDNF.3



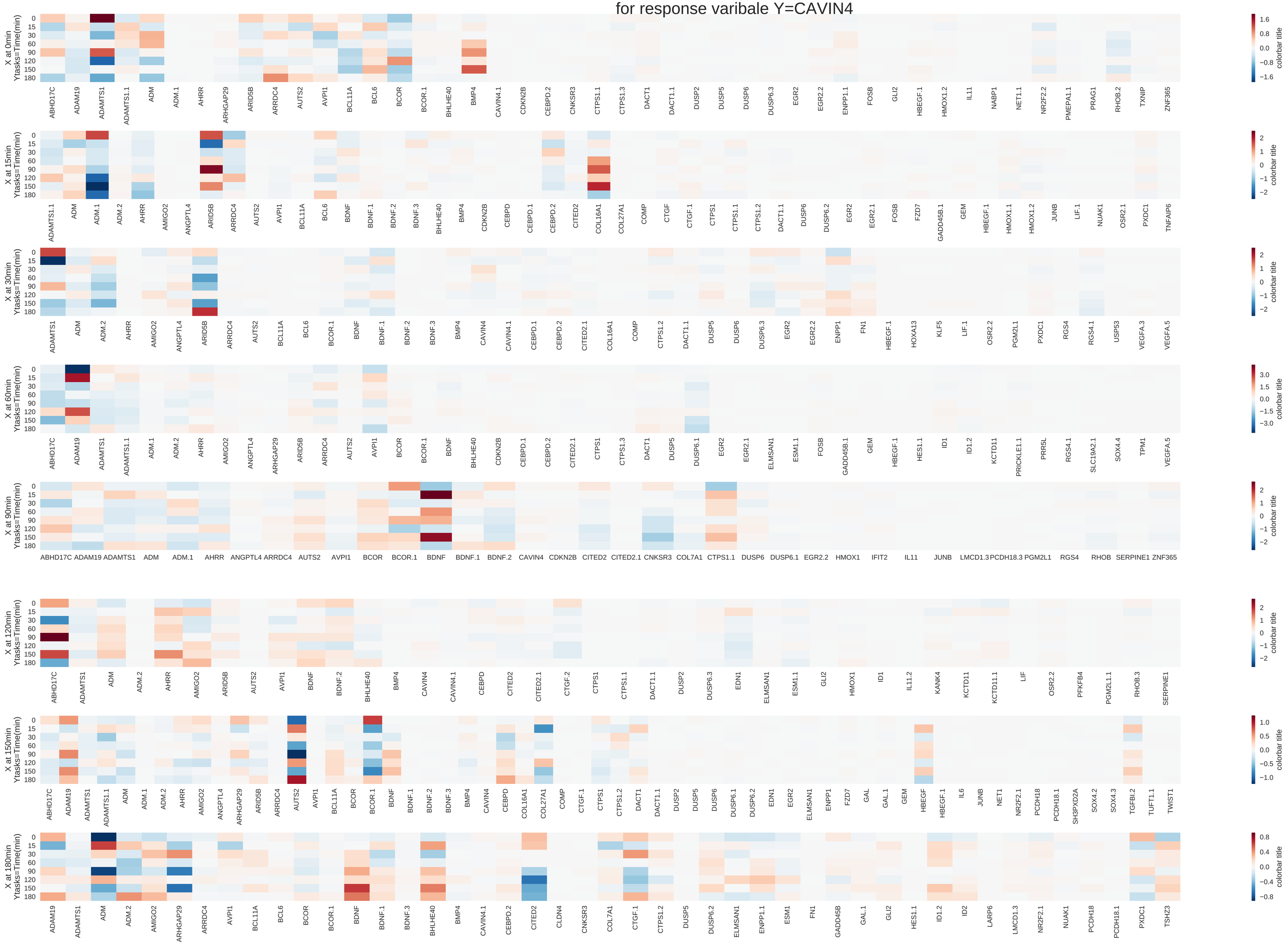
# Coefficients from multi-task LASSO regression for response varibale Y=BHLHE40



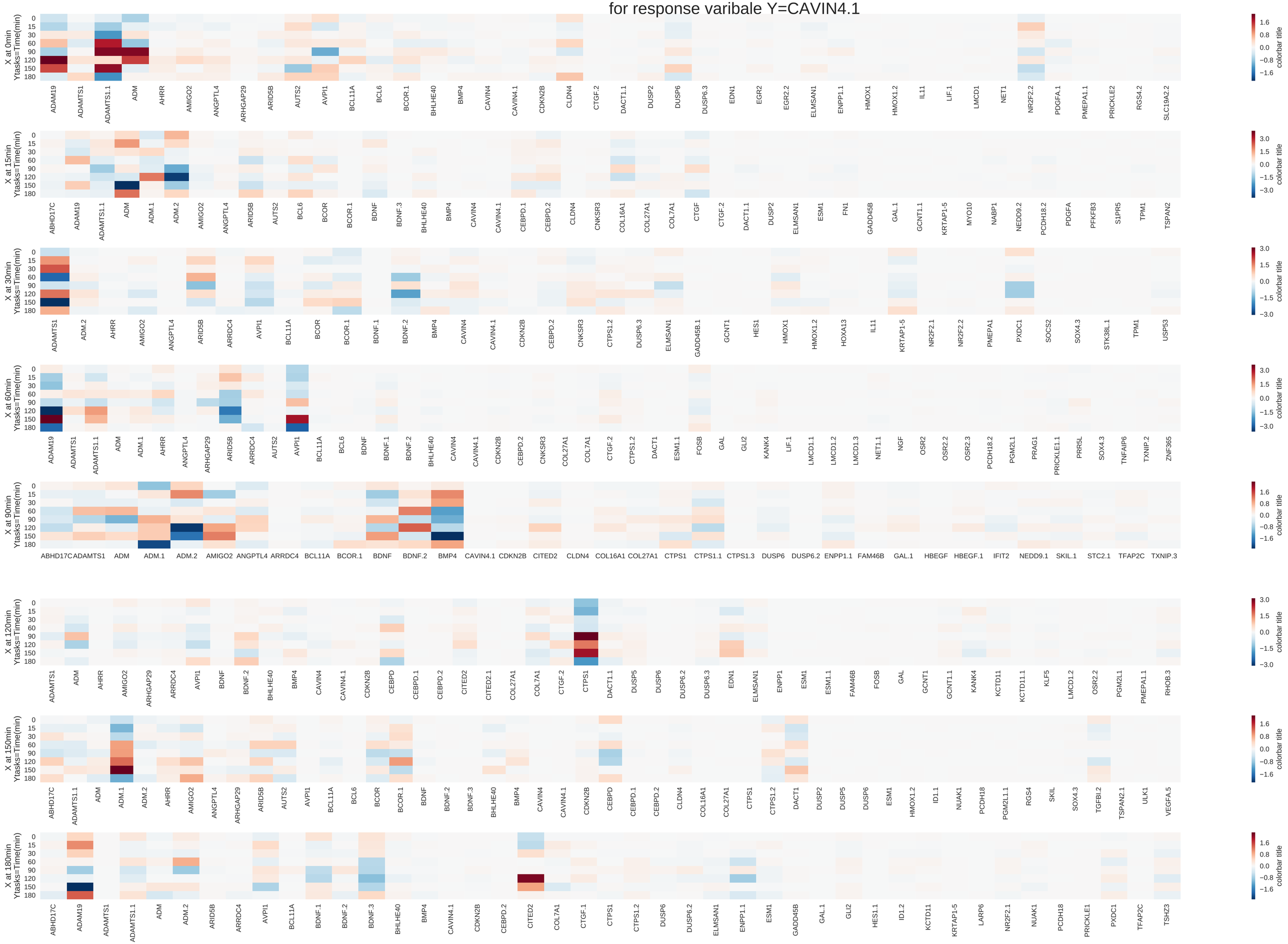
# Coefficients from multi-task LASSO regression for response varibale Y=BMP4



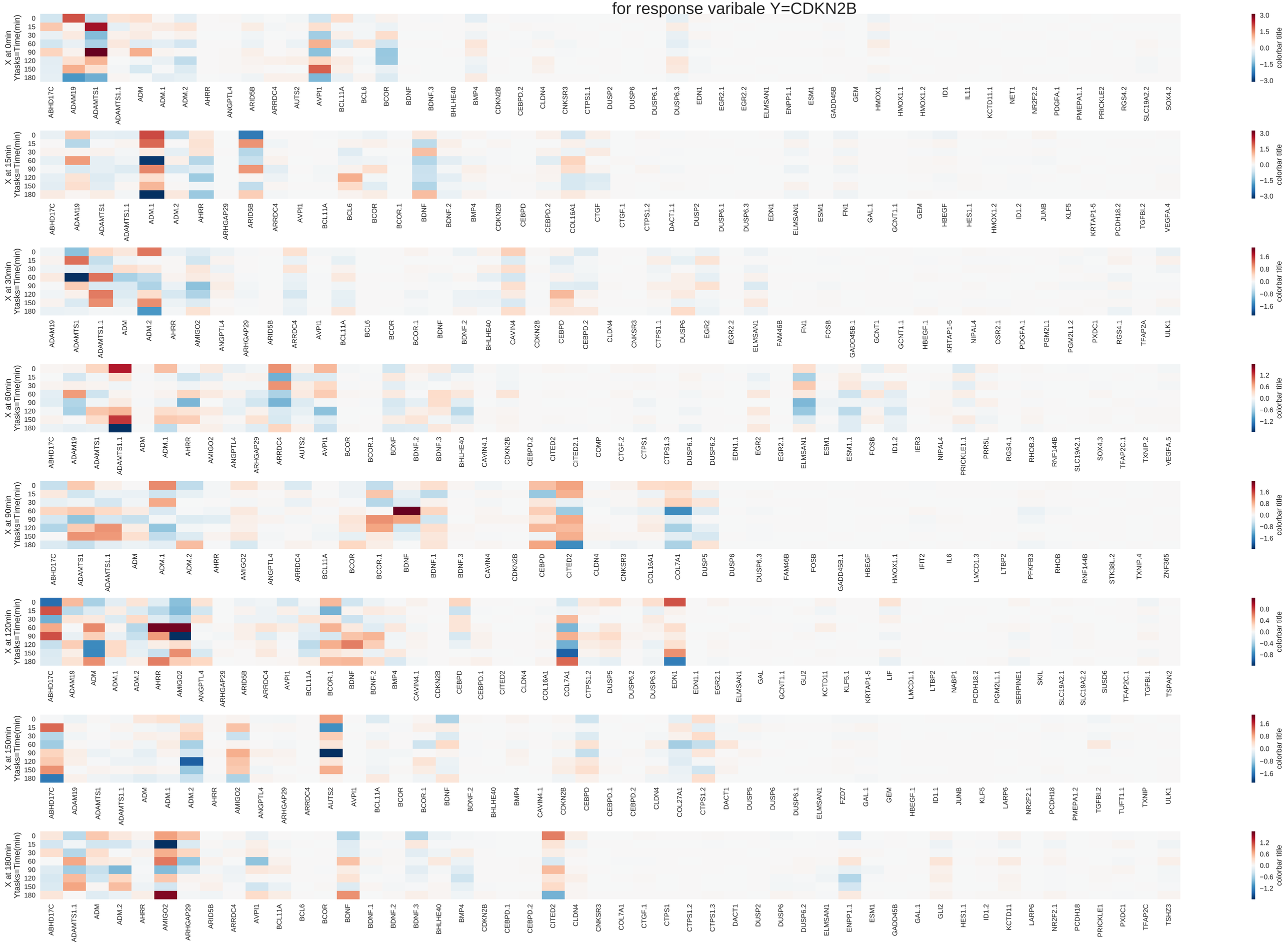
# Coefficients from multi-task LASSO regression for response varibale Y=CAVIN4



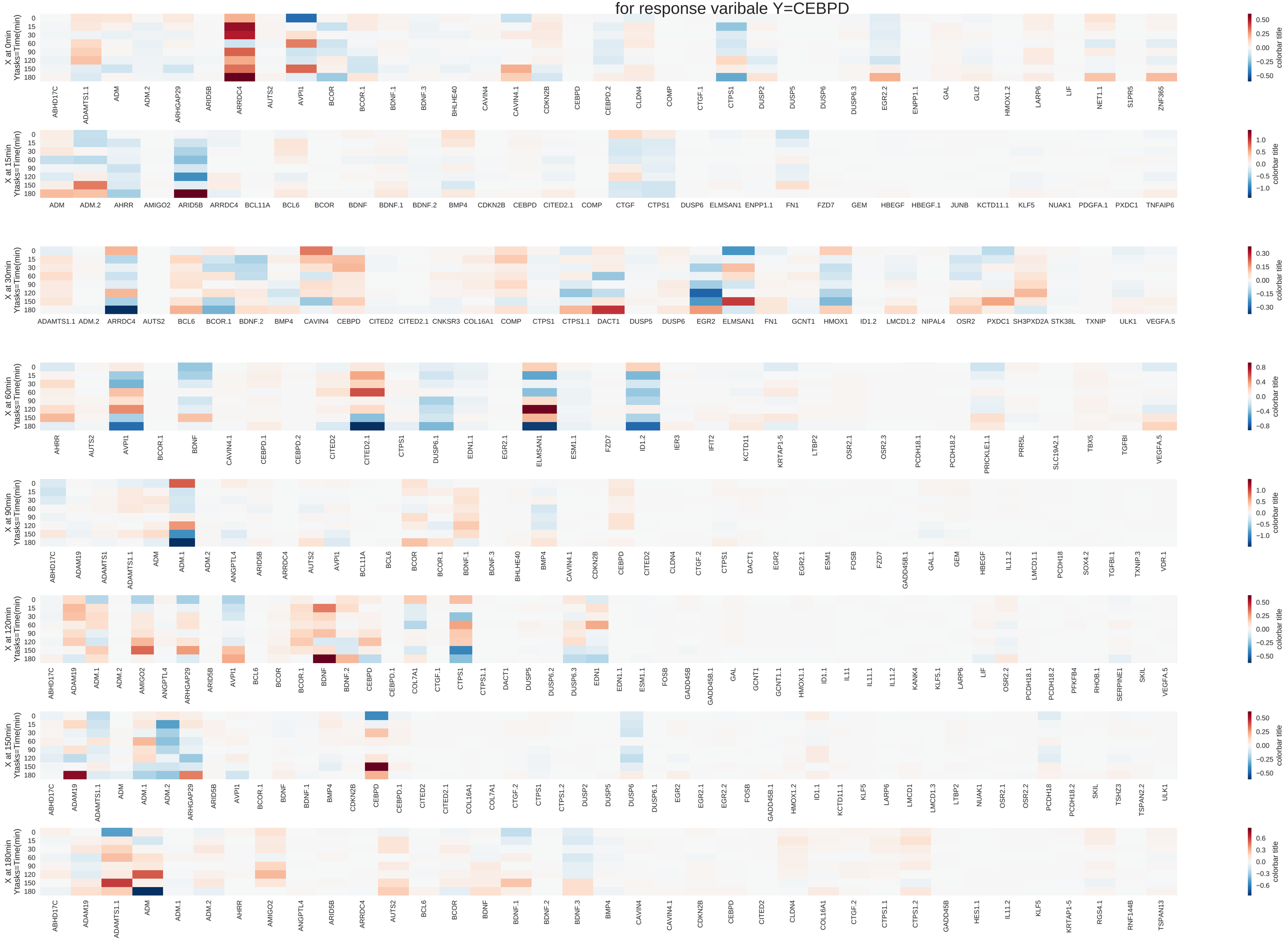
# Coefficients from multi-task LASSO regression for response varibale Y=CAVIN4.1



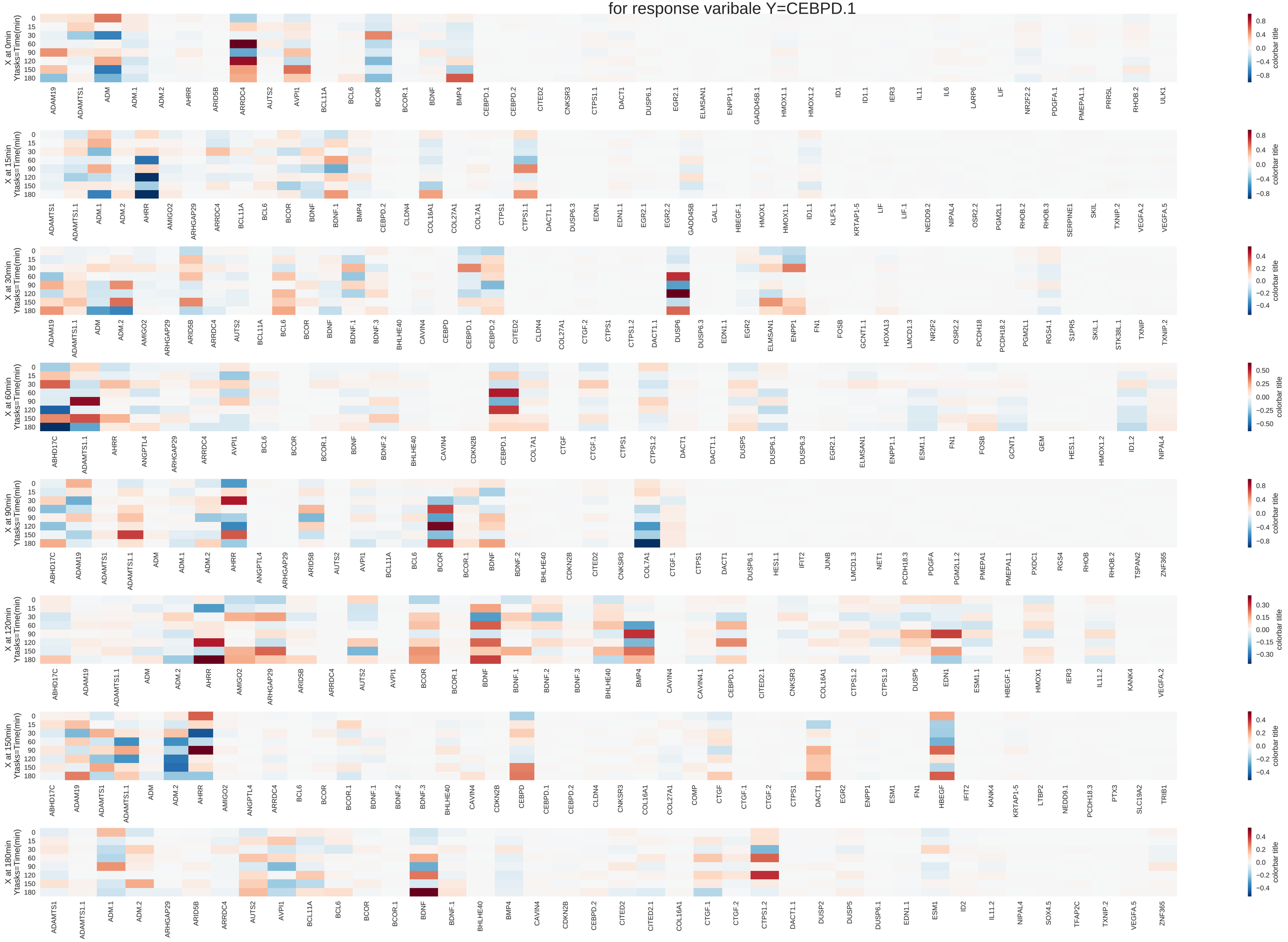
# Coefficients from multi-task LASSO regression for response varibale Y=CDKN2B



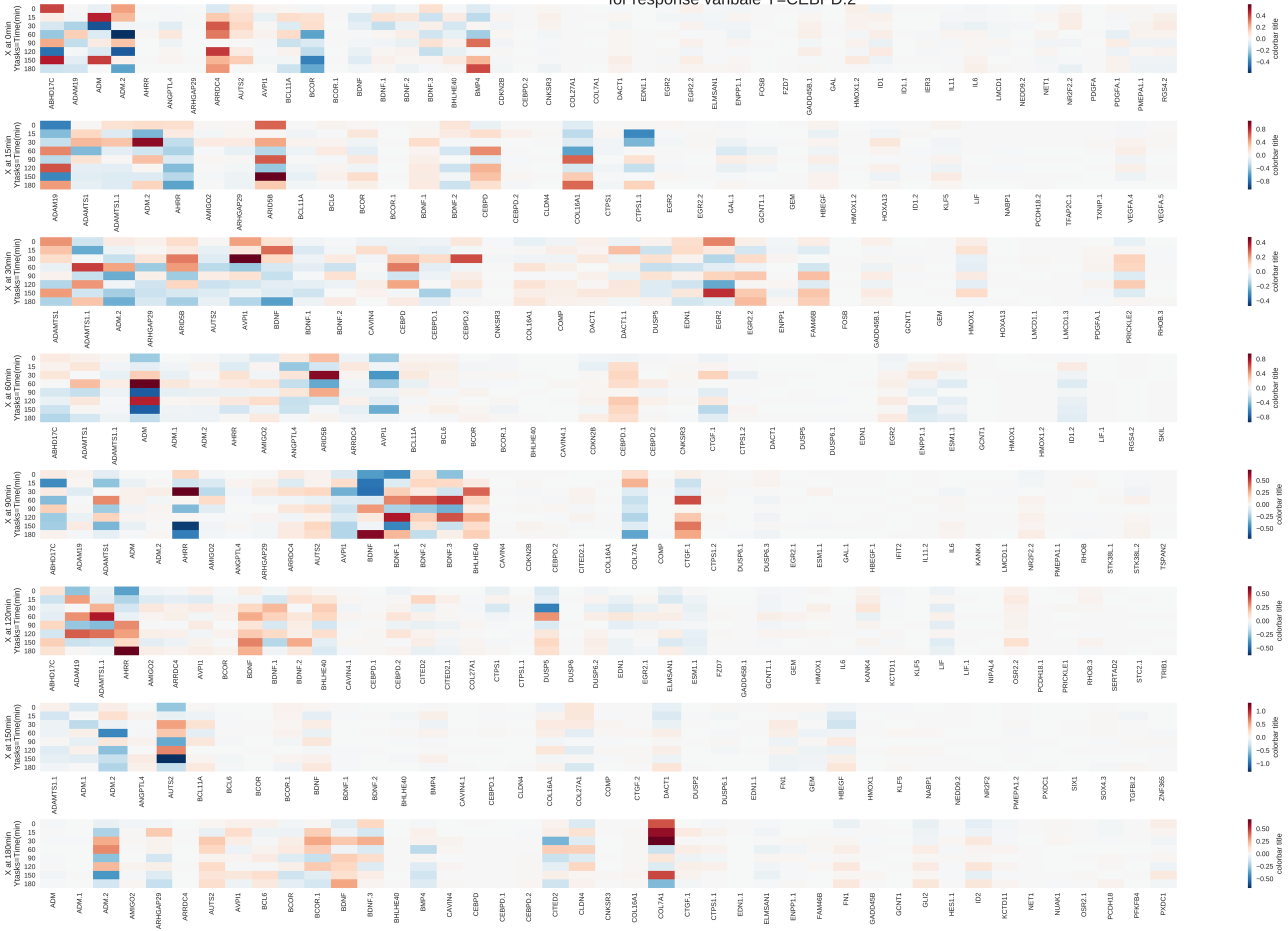
# Coefficients from multi-task LASSO regression for response varibale Y=CEBPD



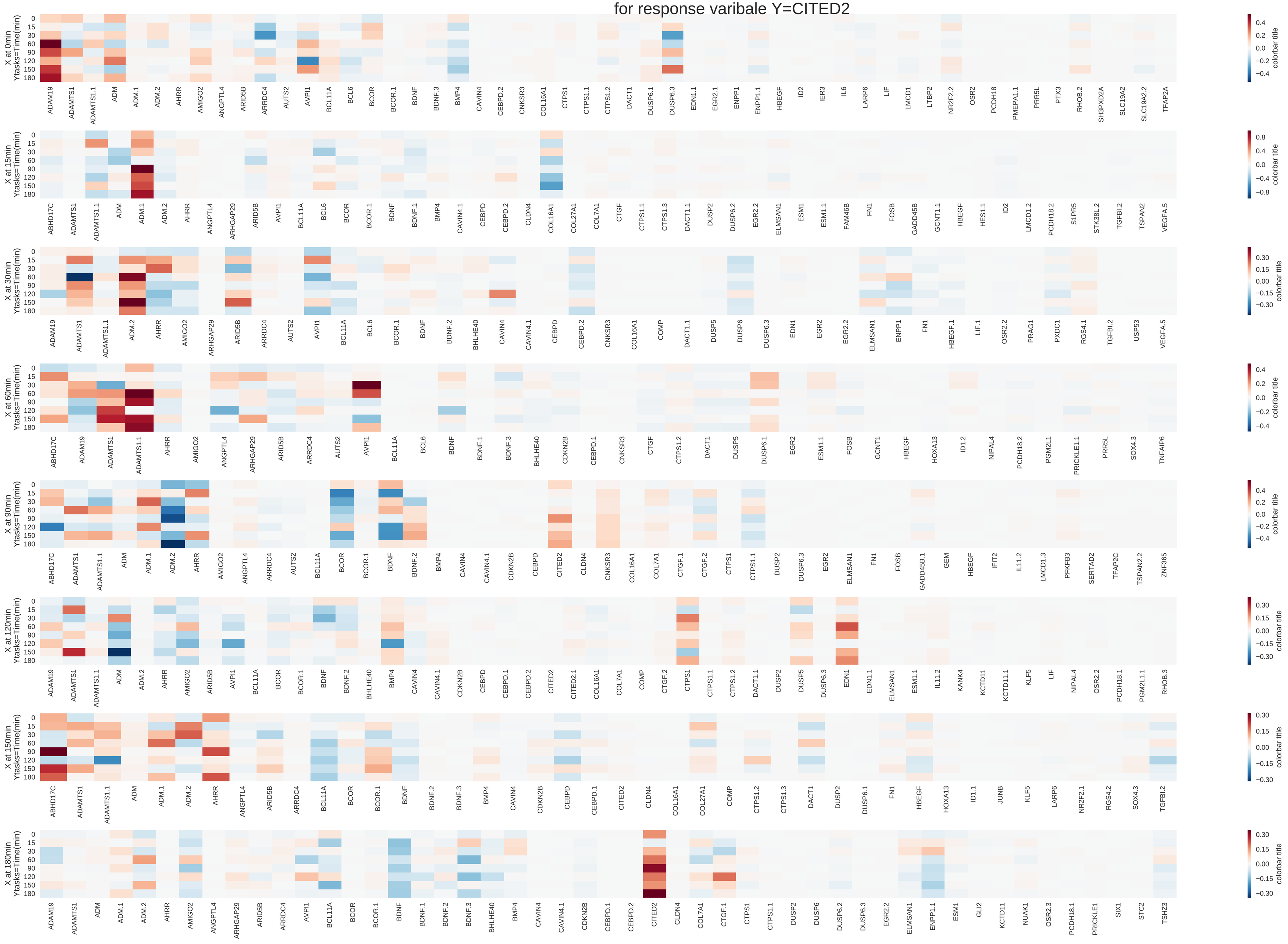
# Coefficients from multi-task LASSO regression for response varibale Y=CEBPD.1



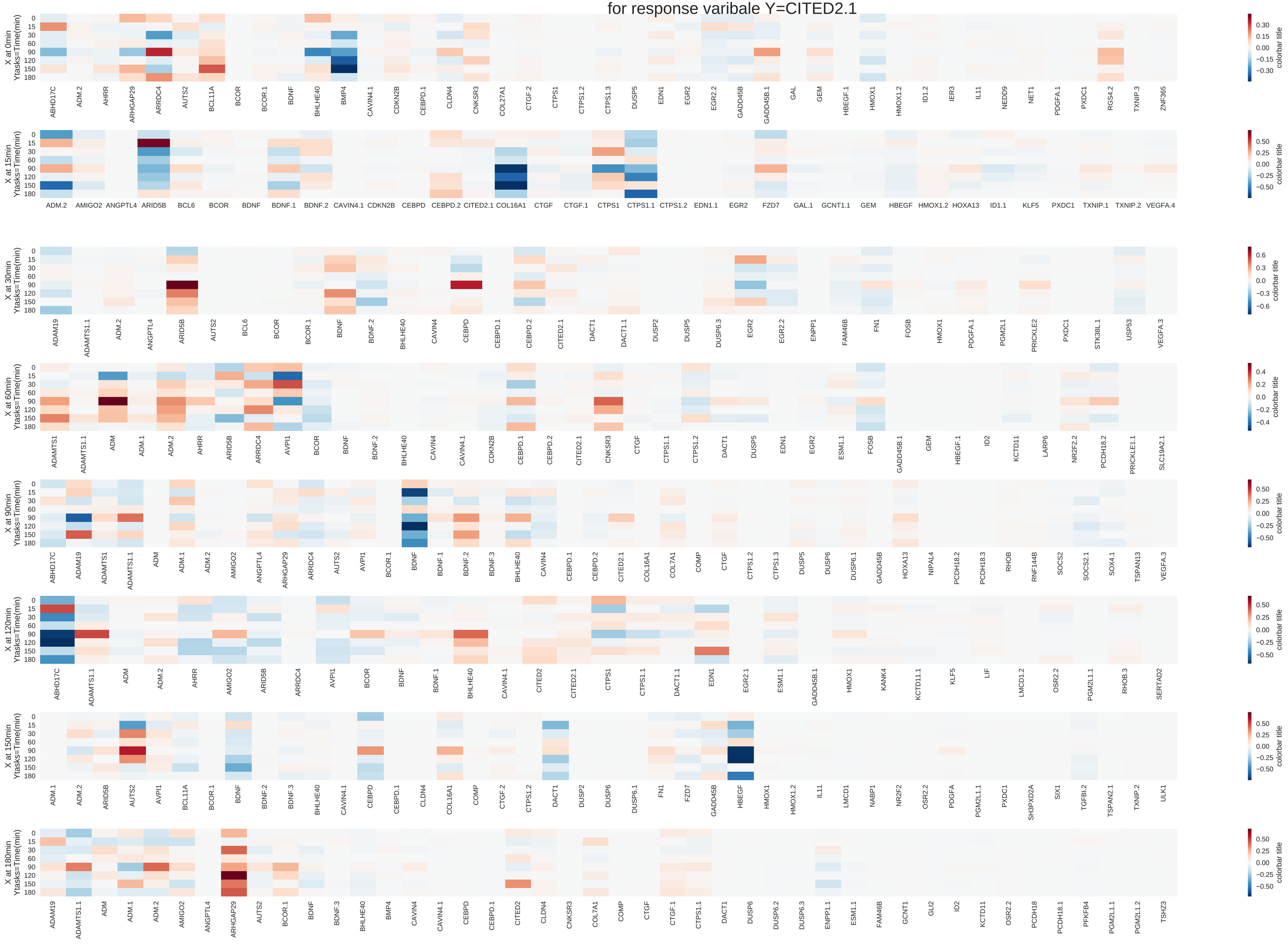
# Coefficients from multi-task LASSO regression for response varibale Y=CEBPD.2



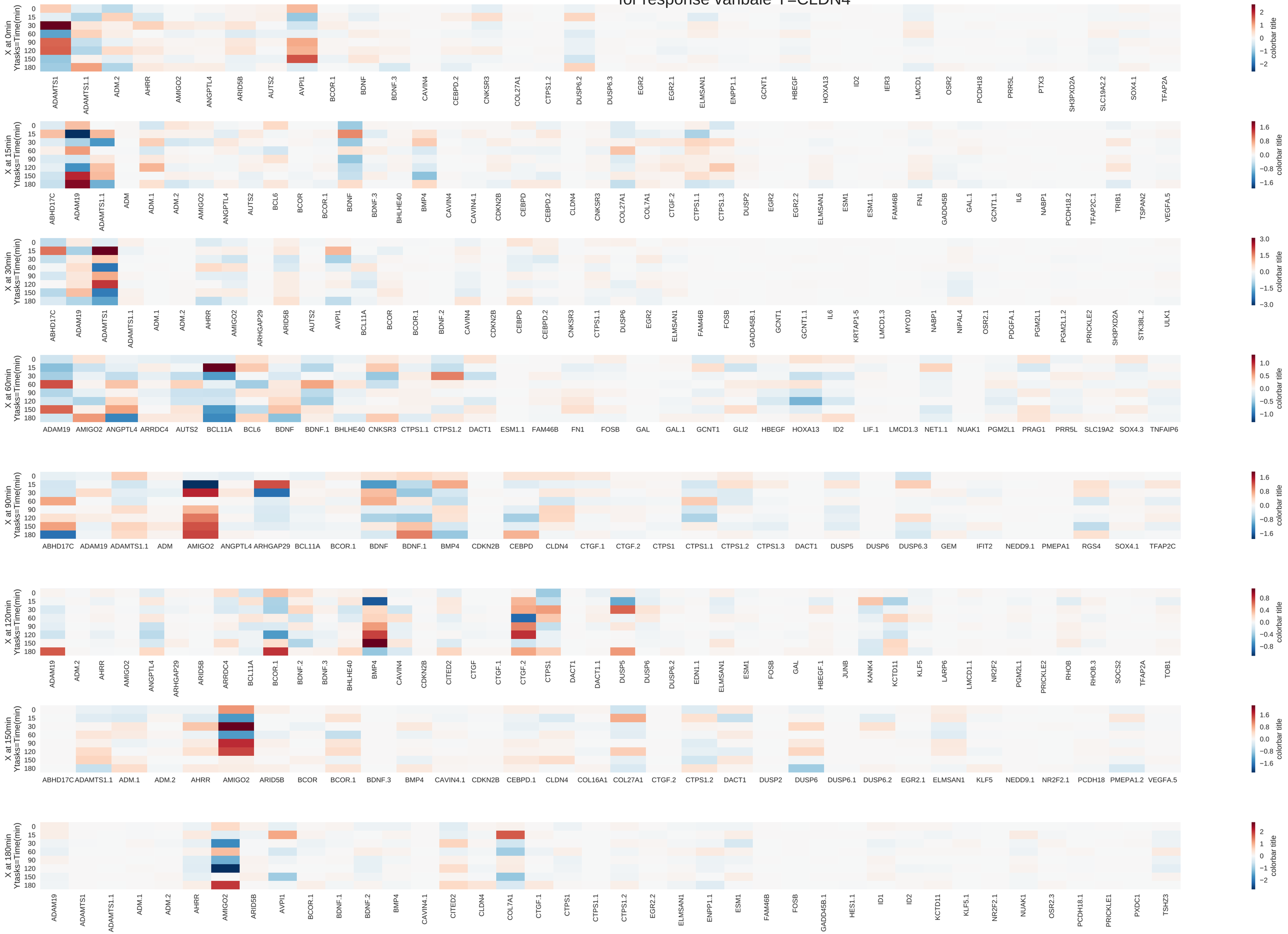
# Coefficients from multi-task LASSO regression for response varibale Y=CITED2



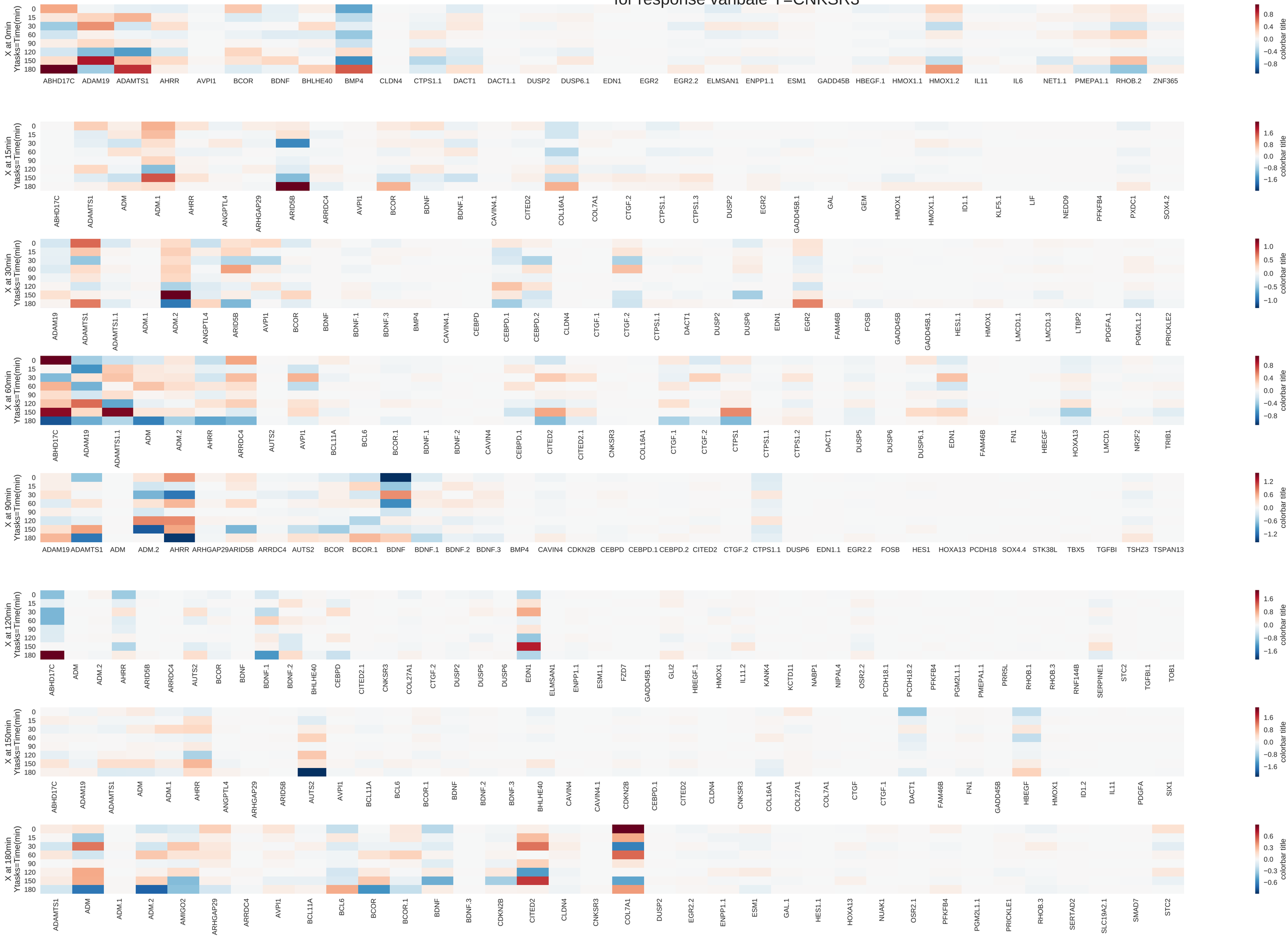
# Coefficients from multi-task LASSO regression for response varibale Y=CITED2.1



# Coefficients from multi-task LASSO regression for response varibale Y=CLDN4

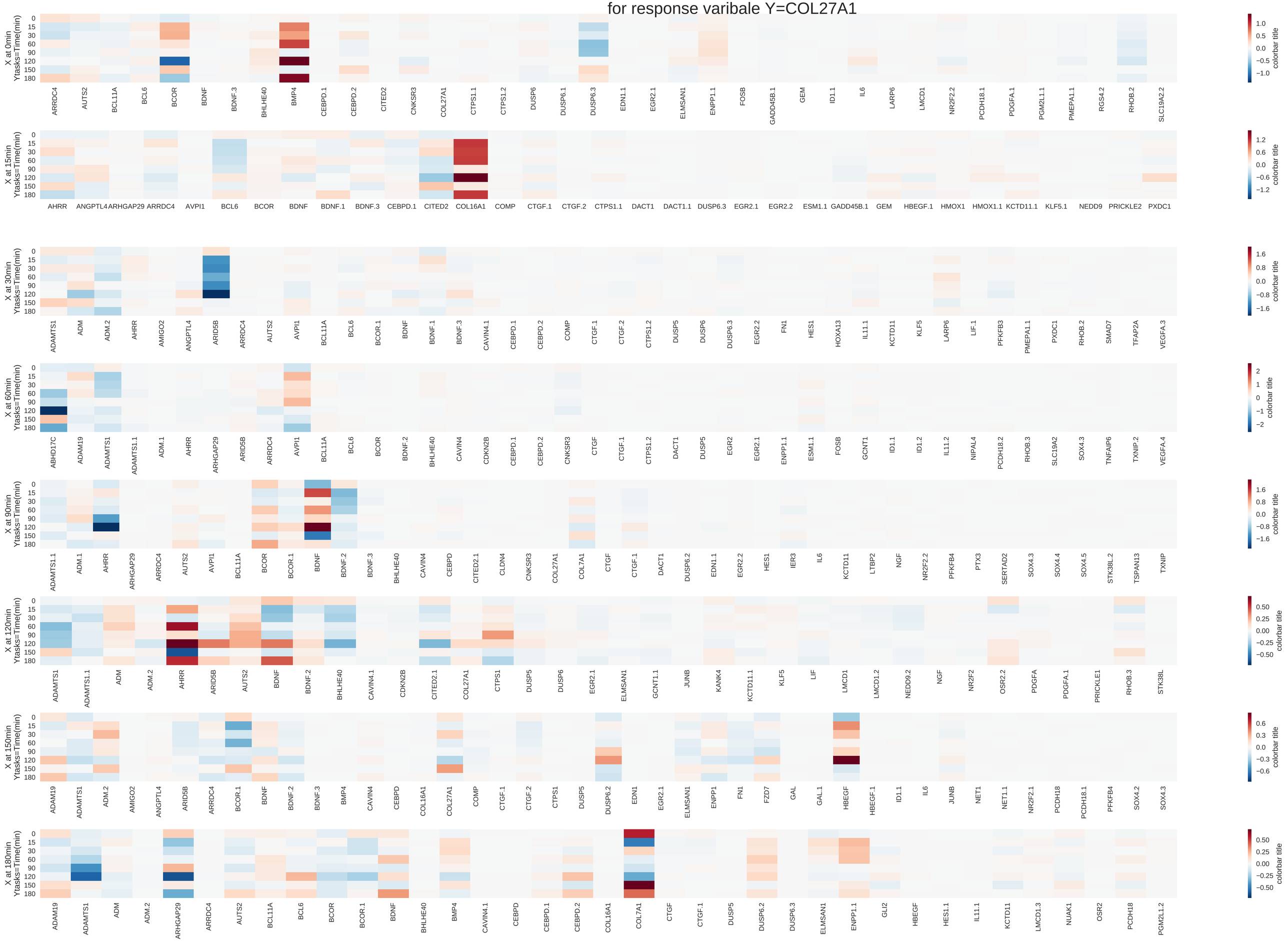


# Coefficients from multi-task LASSO regression for response varibale Y=CNKSR3



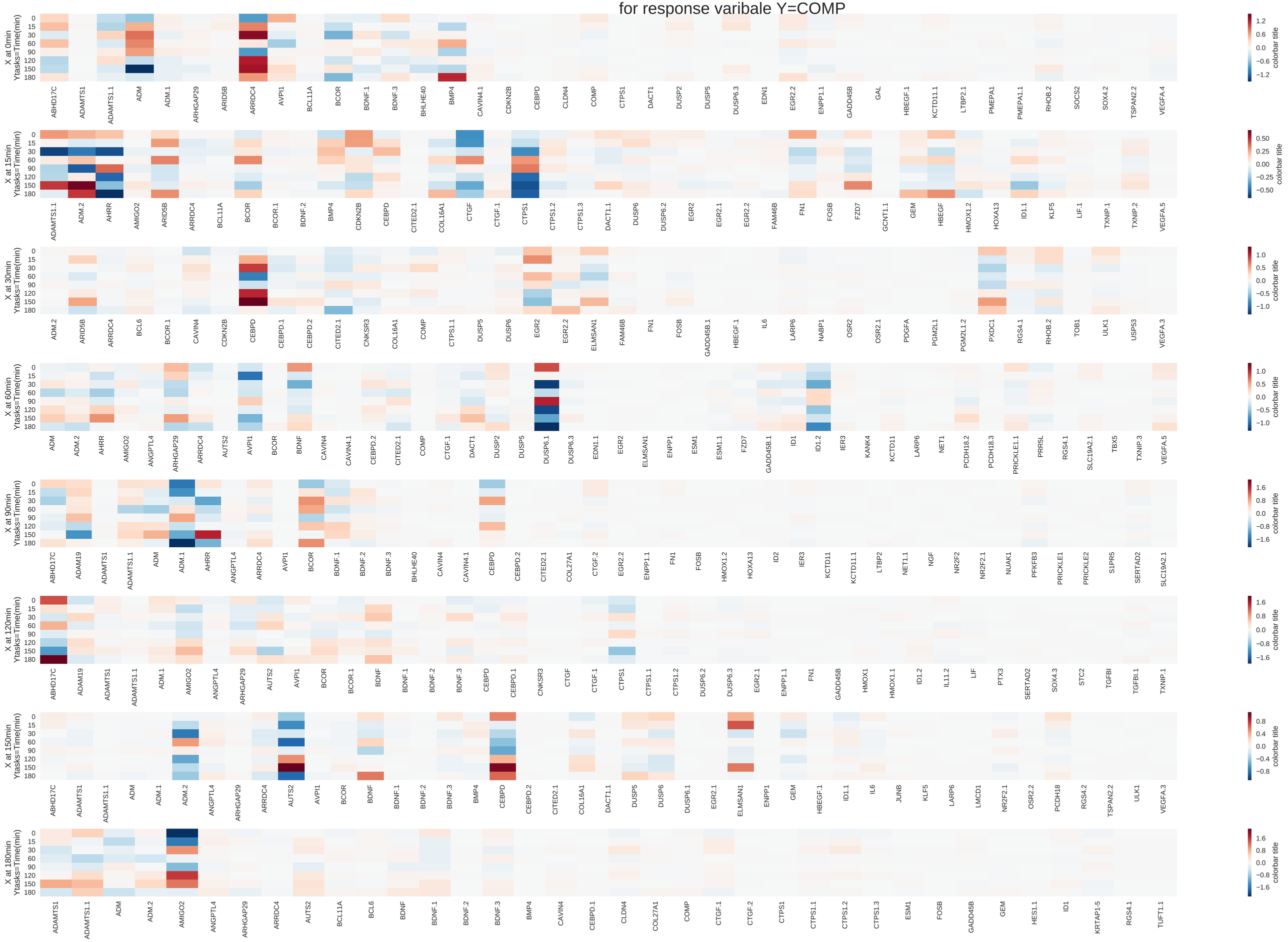
# Coefficients from multi-task LASSO regression for response varibale Y=COL16A1

# Coefficients from multi-task LASSO regression for response varibale Y=COL27A1

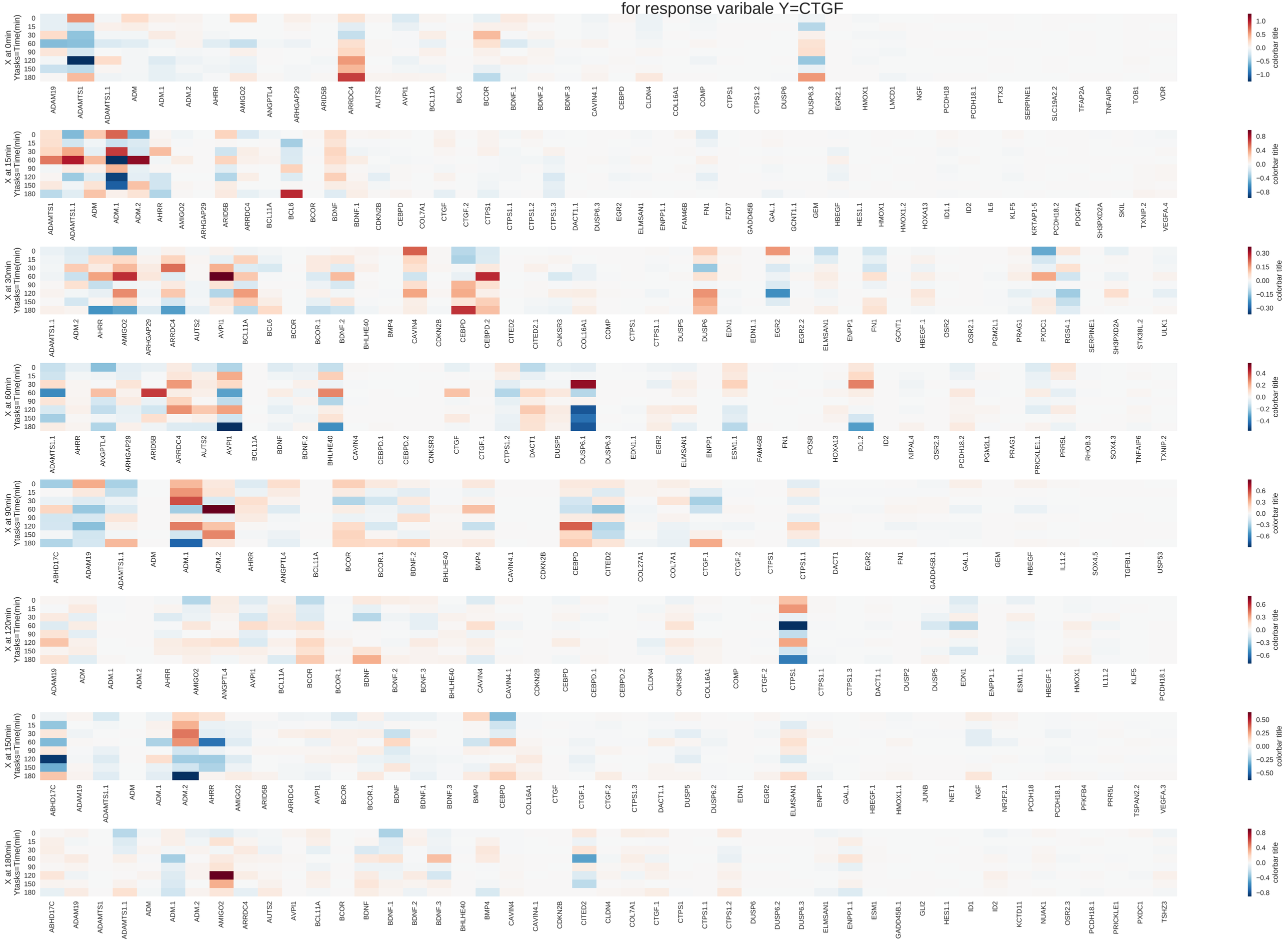


# Coefficients from multi-task LASSO regression for response varibale Y=COL7A1

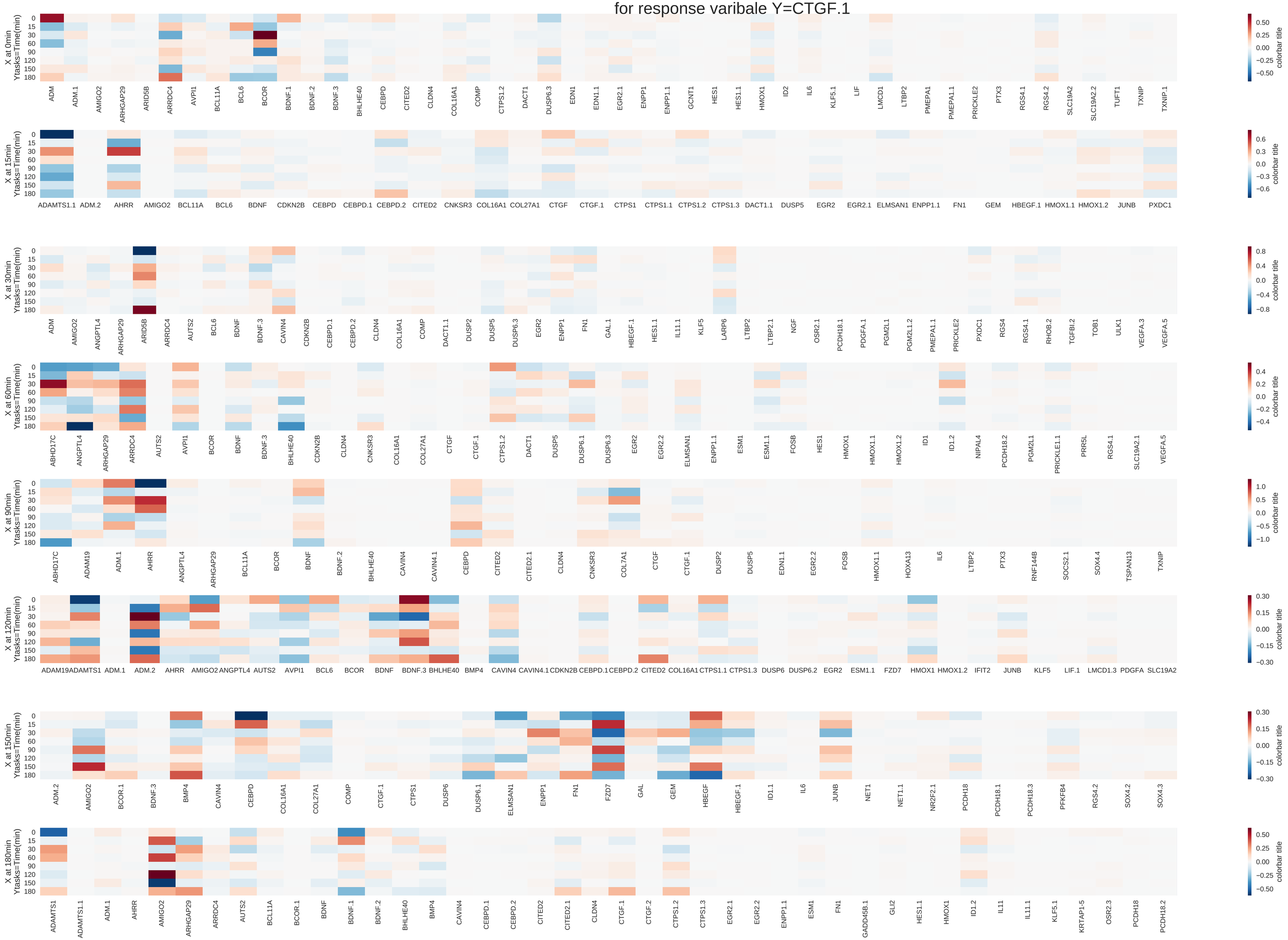
# Coefficients from multi-task LASSO regression for response varibale Y=COMP



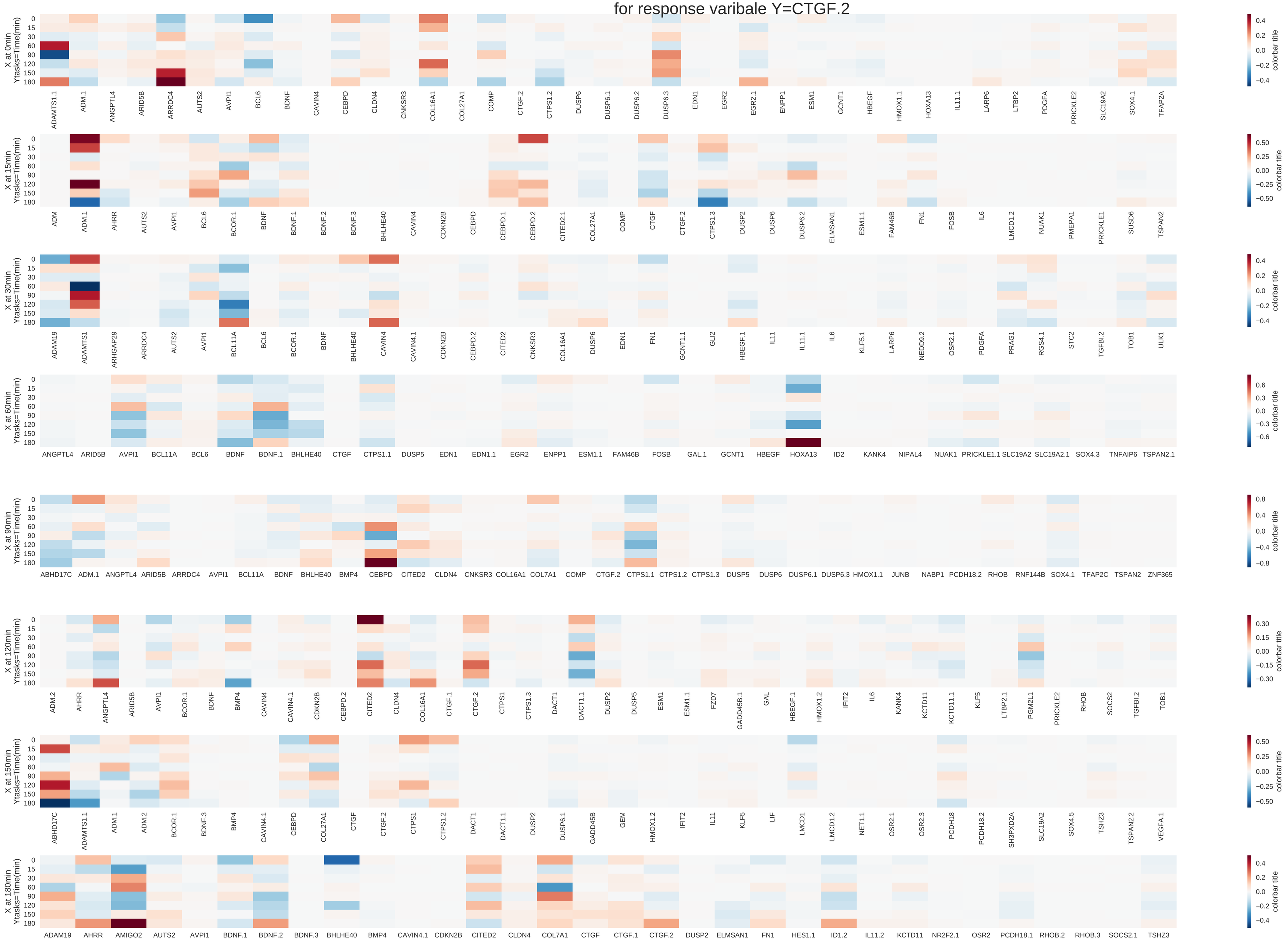
# Coefficients from multi-task LASSO regression for response varibale Y=CTGF



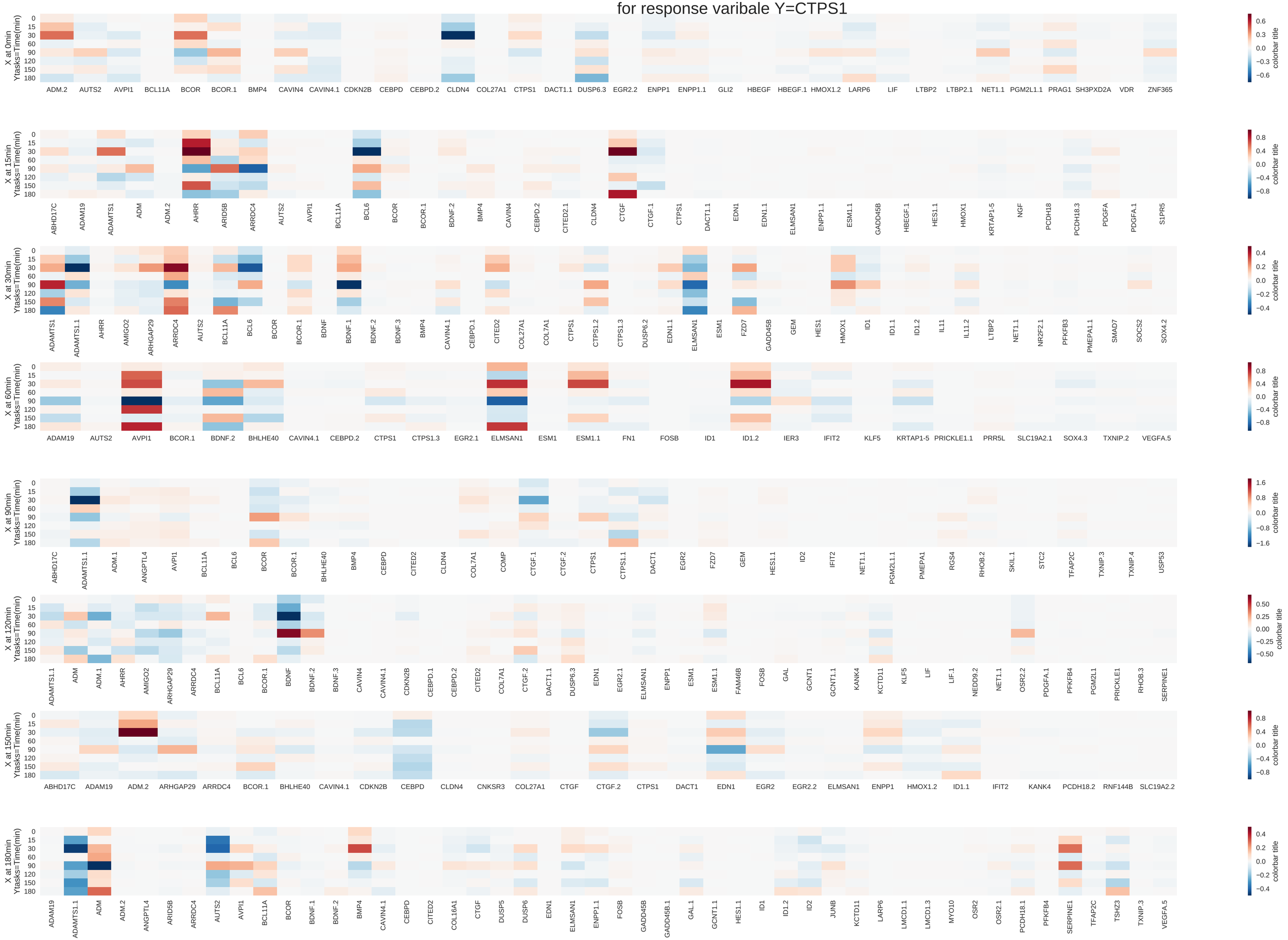
# Coefficients from multi-task LASSO regression for response varibale Y=CTGF.1



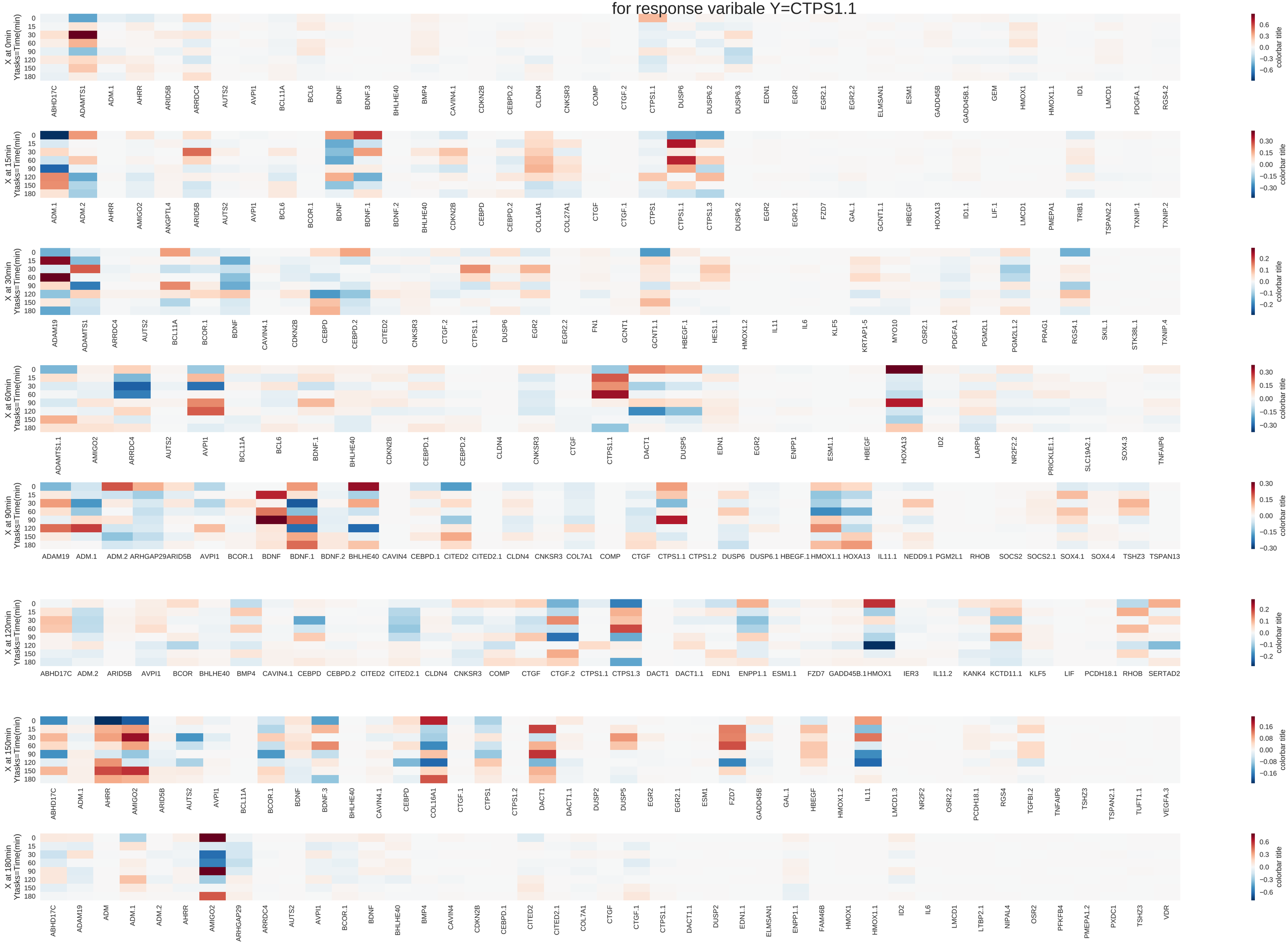
# Coefficients from multi-task LASSO regression for response varibale Y=CTGF.2



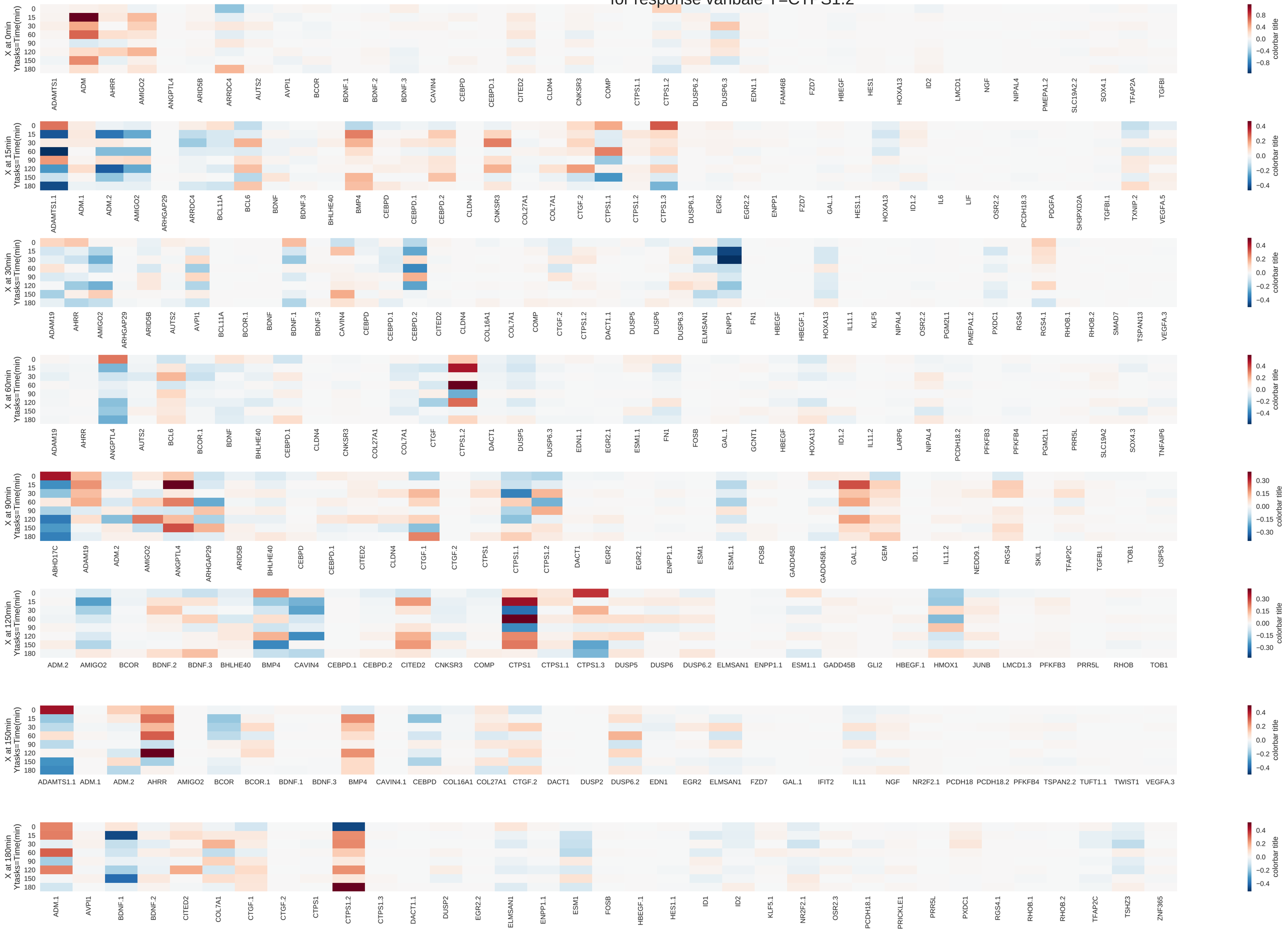
# Coefficients from multi-task LASSO regression for response varibale Y=CTPS1



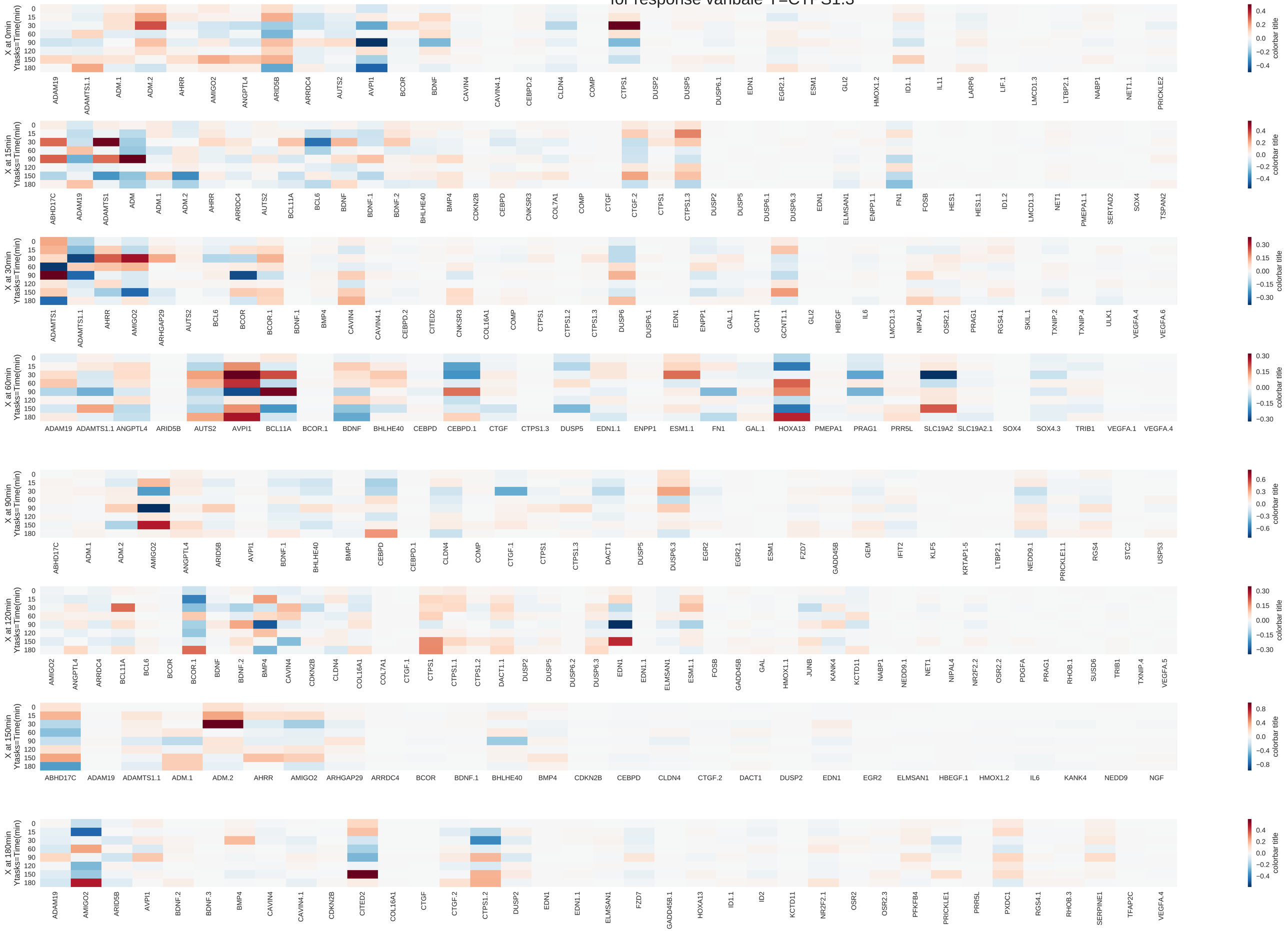
# Coefficients from multi-task LASSO regression for response varibale Y=CTPS1.1



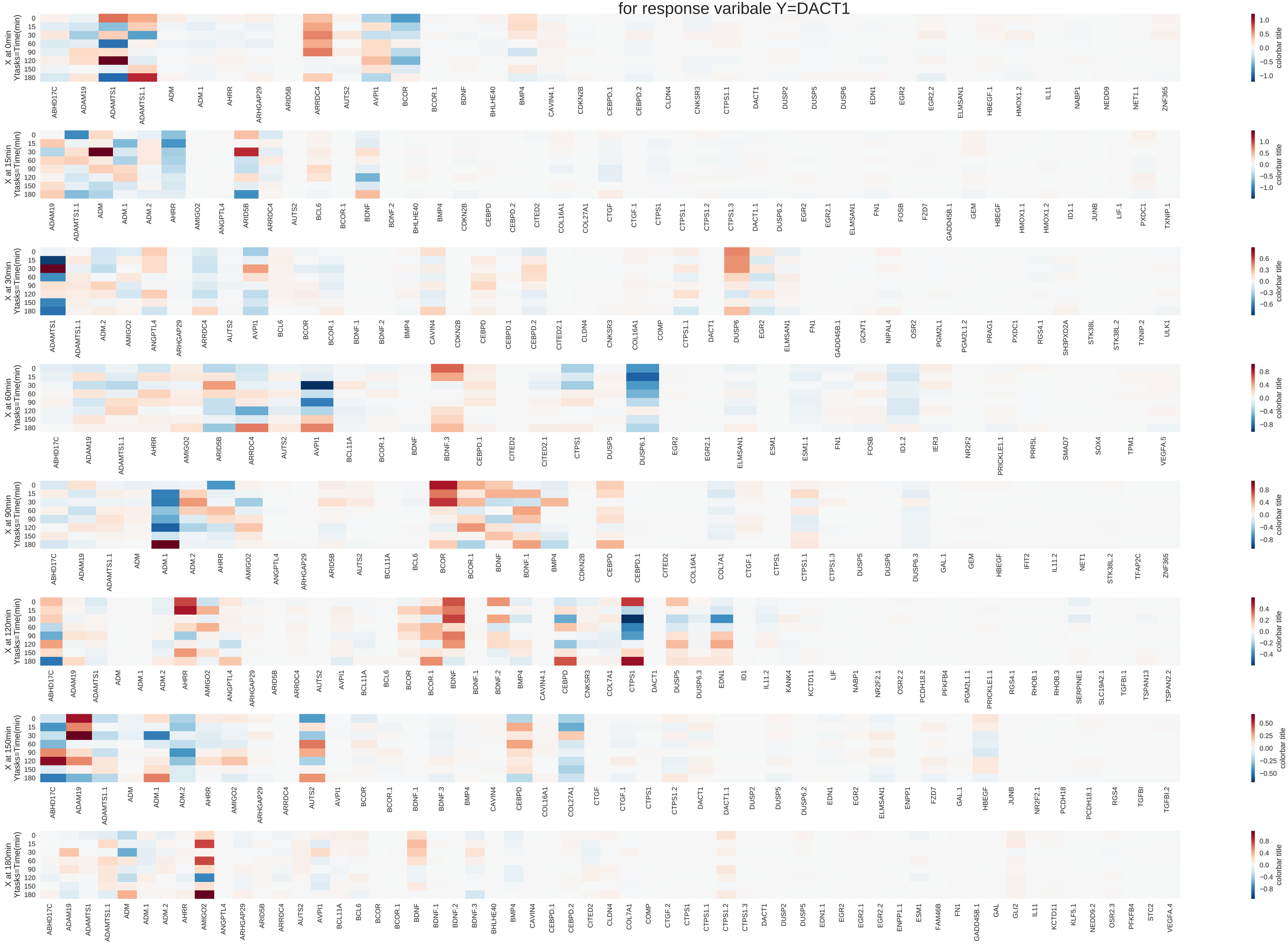
# Coefficients from multi-task LASSO regression for response varibale Y=CTPS1.2



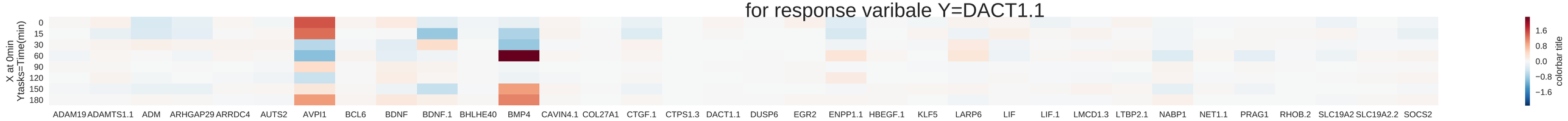
# Coefficients from multi-task LASSO regression for response varibale Y=CTPS1.3

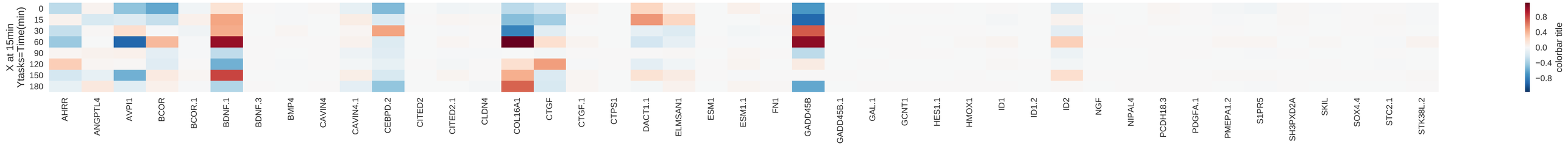


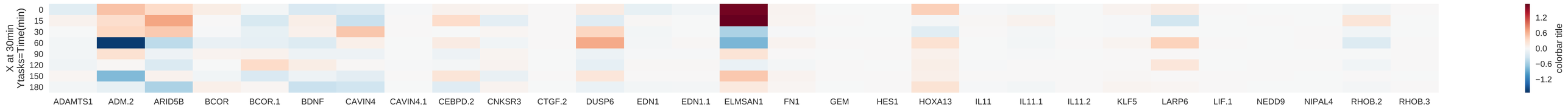
# Coefficients from multi-task LASSO regression for response varibale Y=DACT1

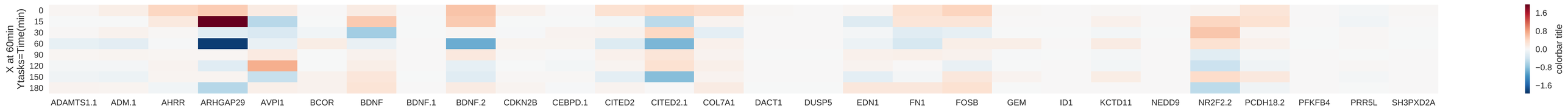


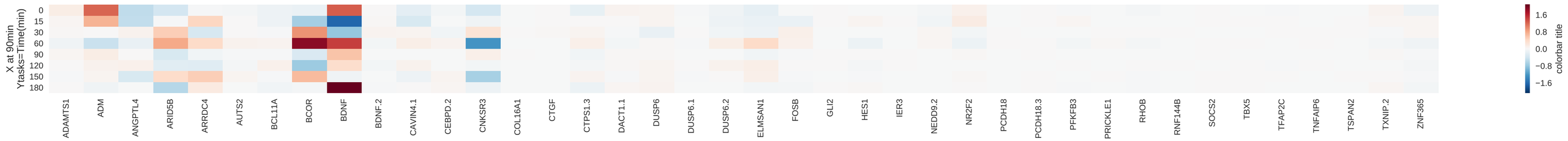
# Coefficients from multi-task LASSO regression for response varibale Y=DACT1.1

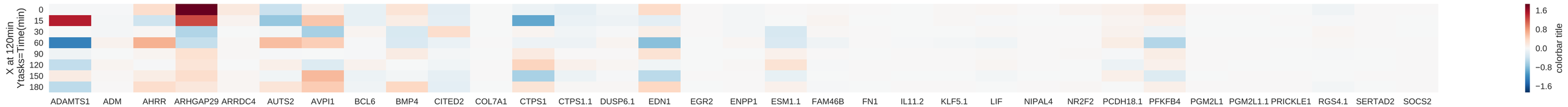


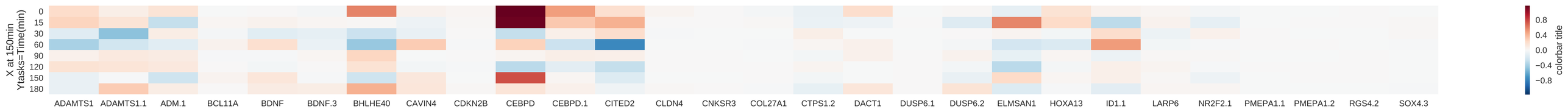



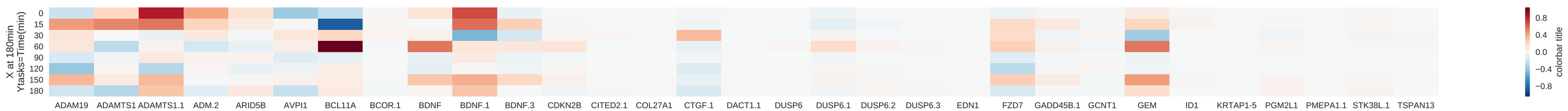



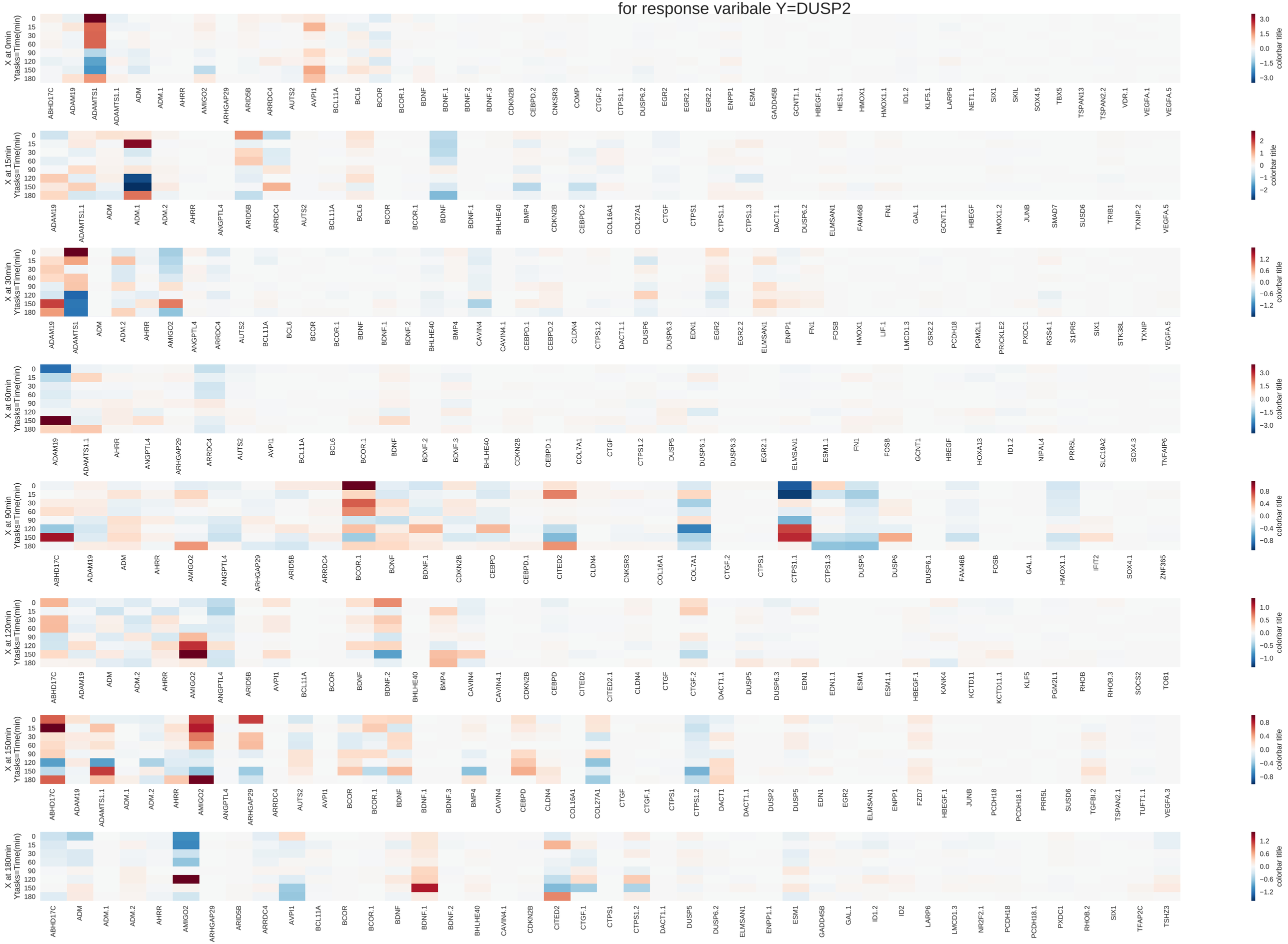



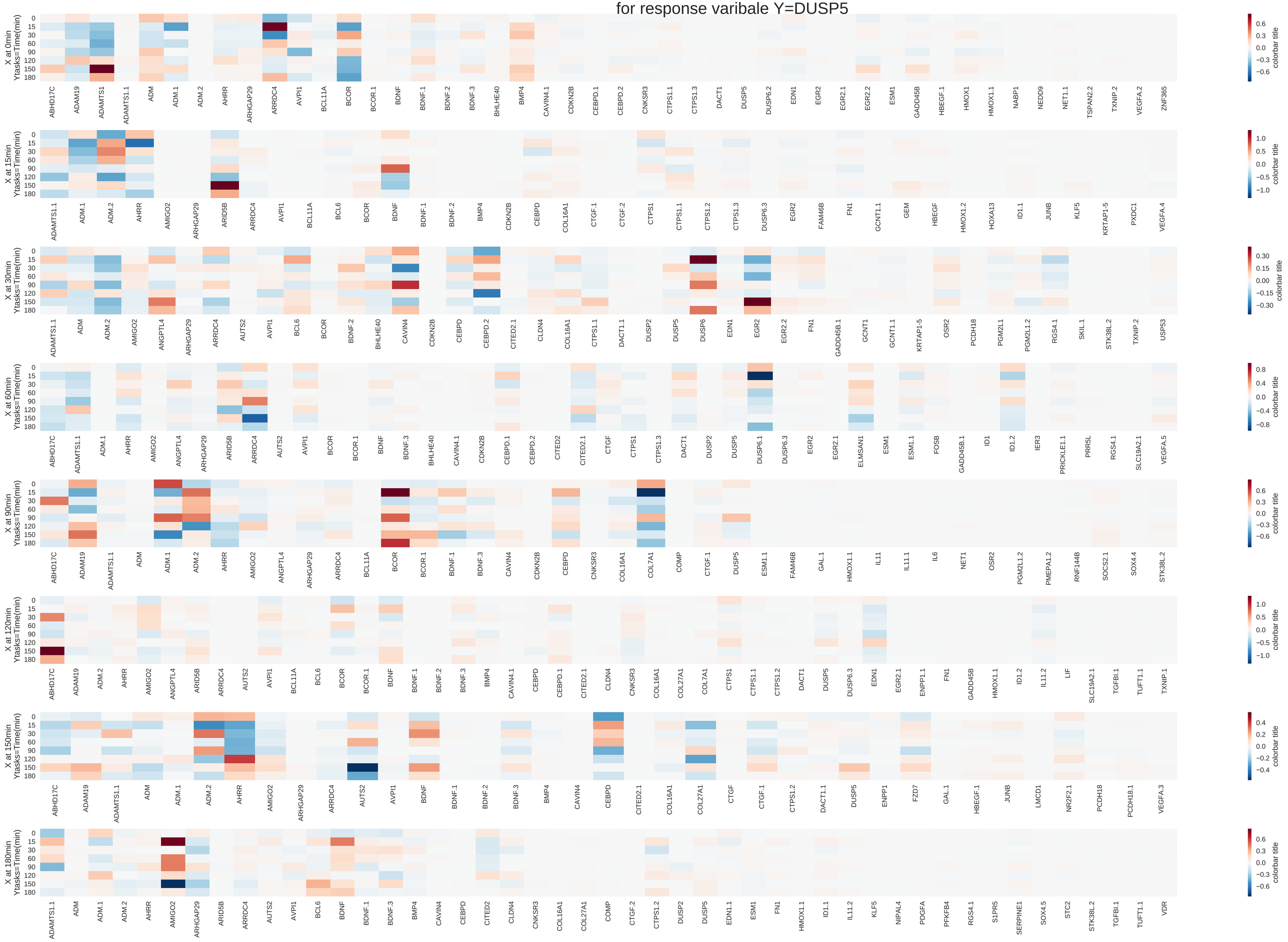



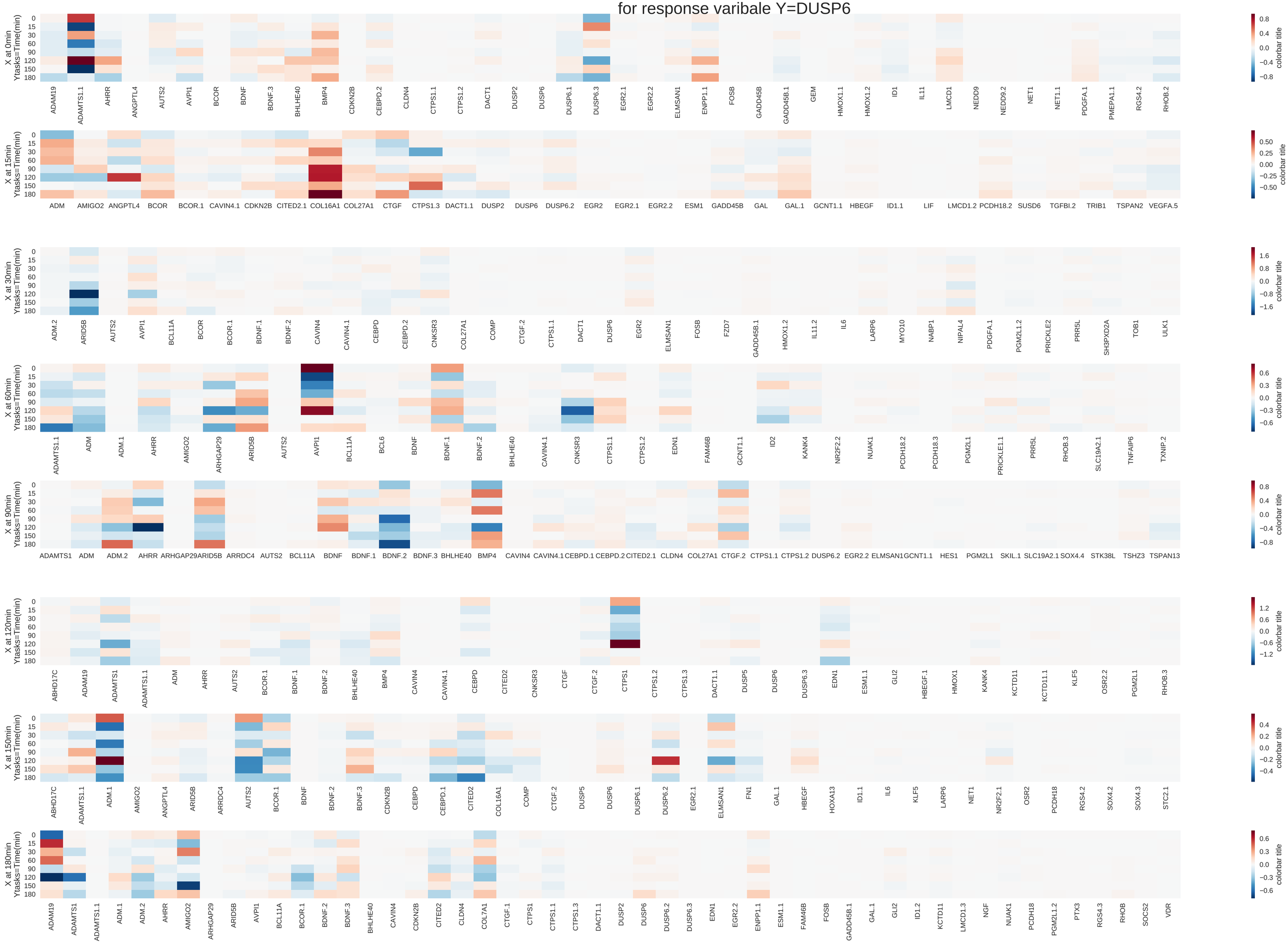
# Coefficients from multi-task LASSO regression for response varibale Y=DUSP2



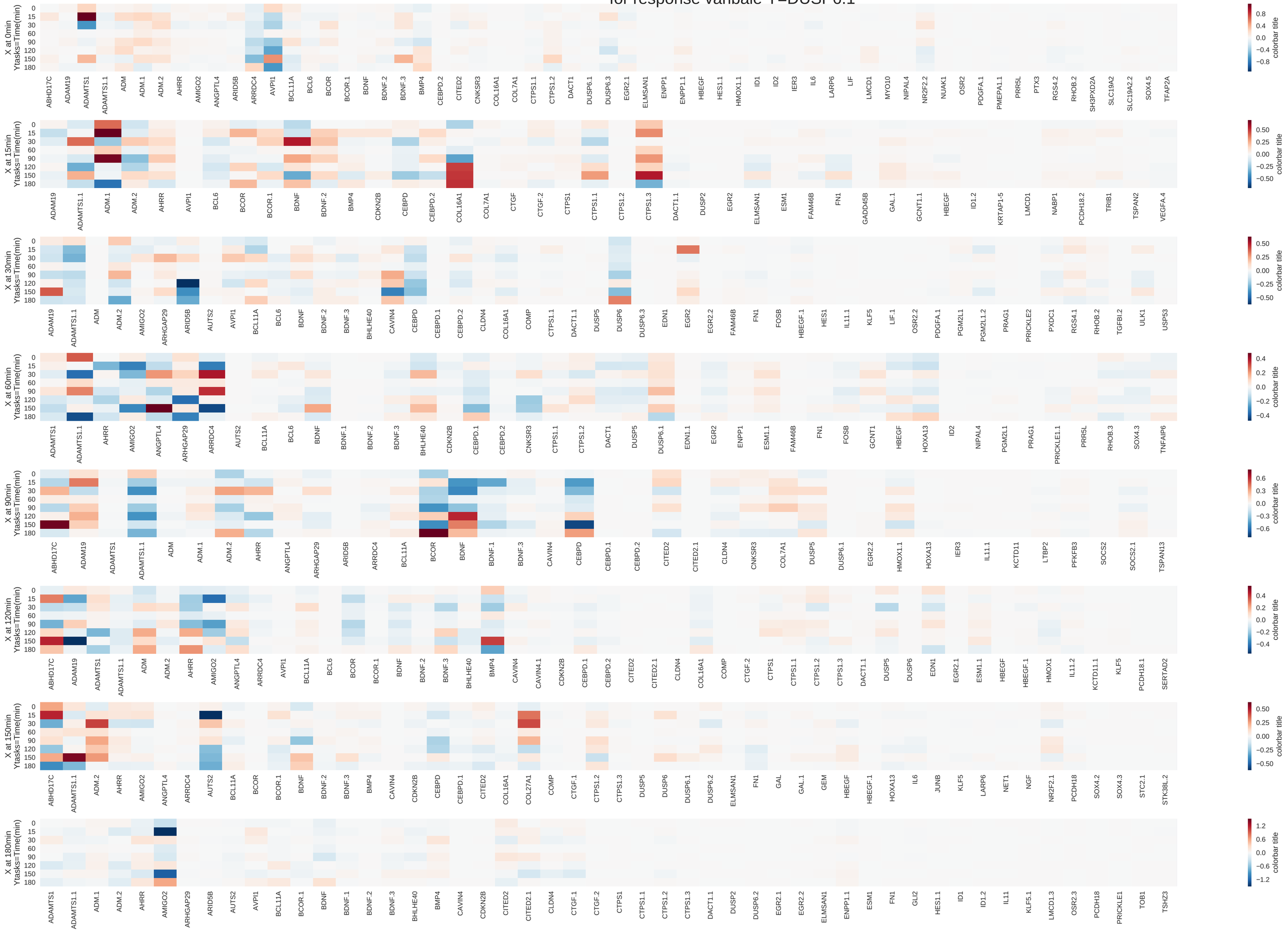
# Coefficients from multi-task LASSO regression for response varibale Y=DUSP5



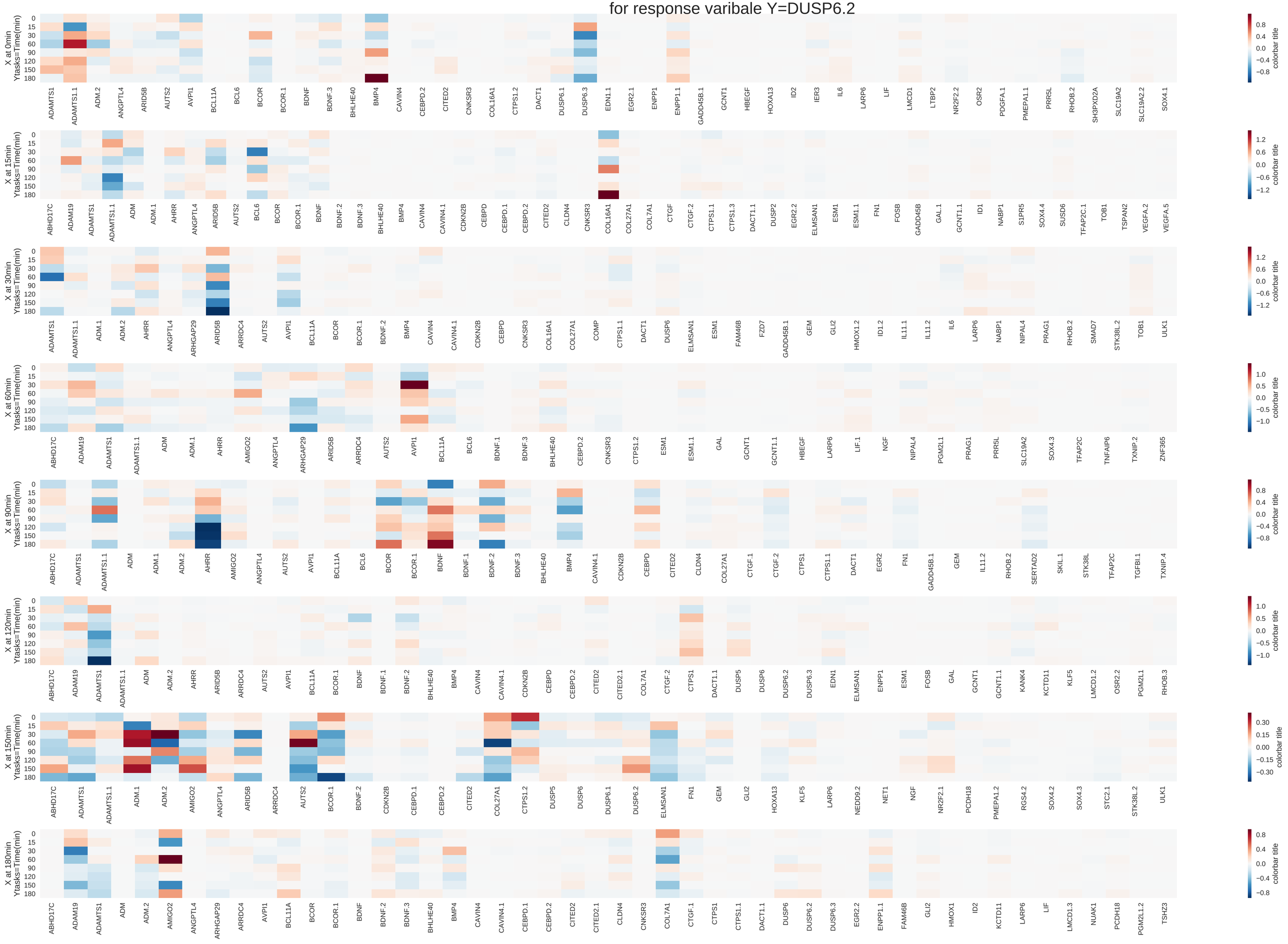
# Coefficients from multi-task LASSO regression for response varibale Y=DUSP6



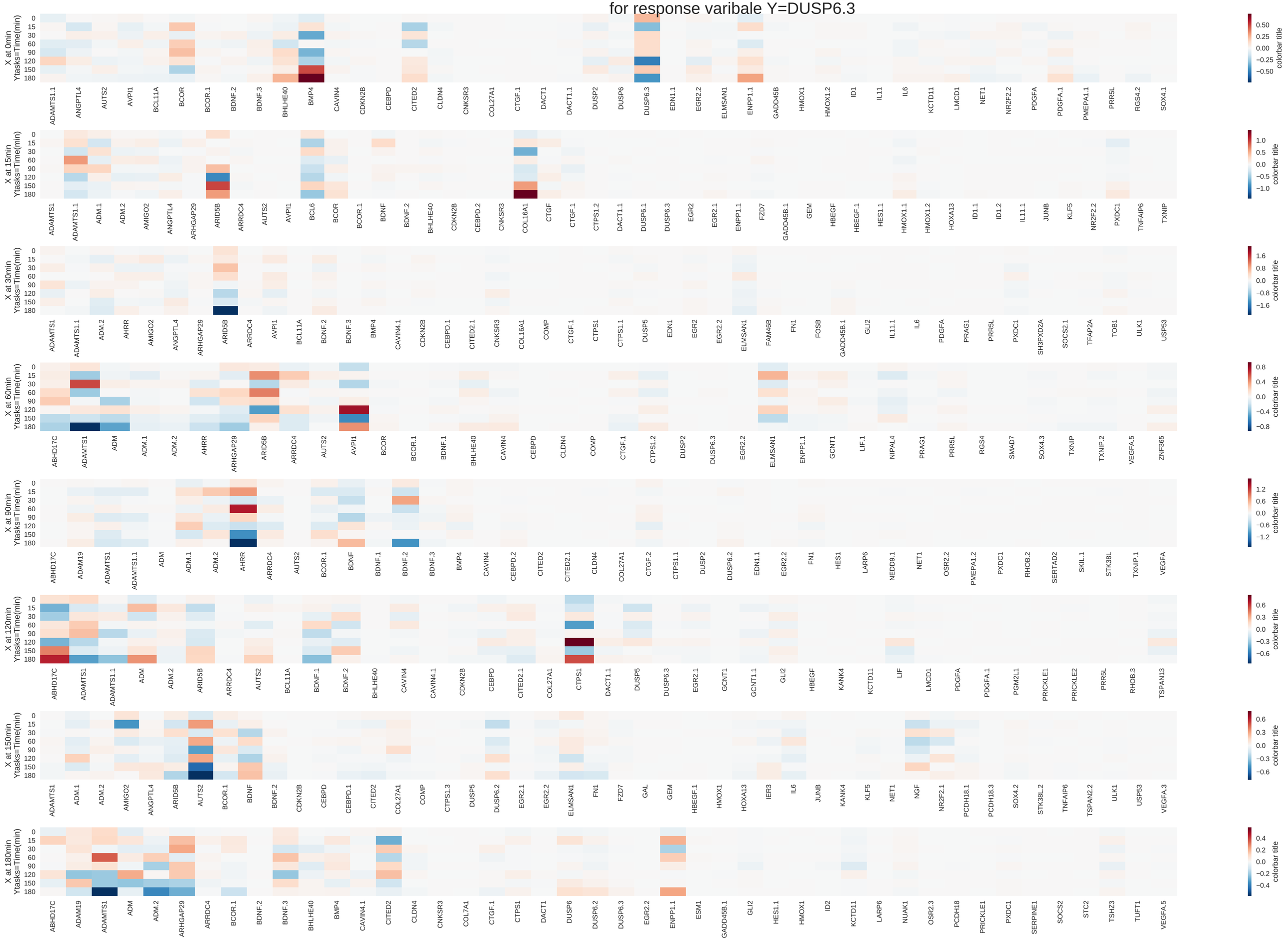
# Coefficients from multi-task LASSO regression for response varibale Y=DUSP6.1



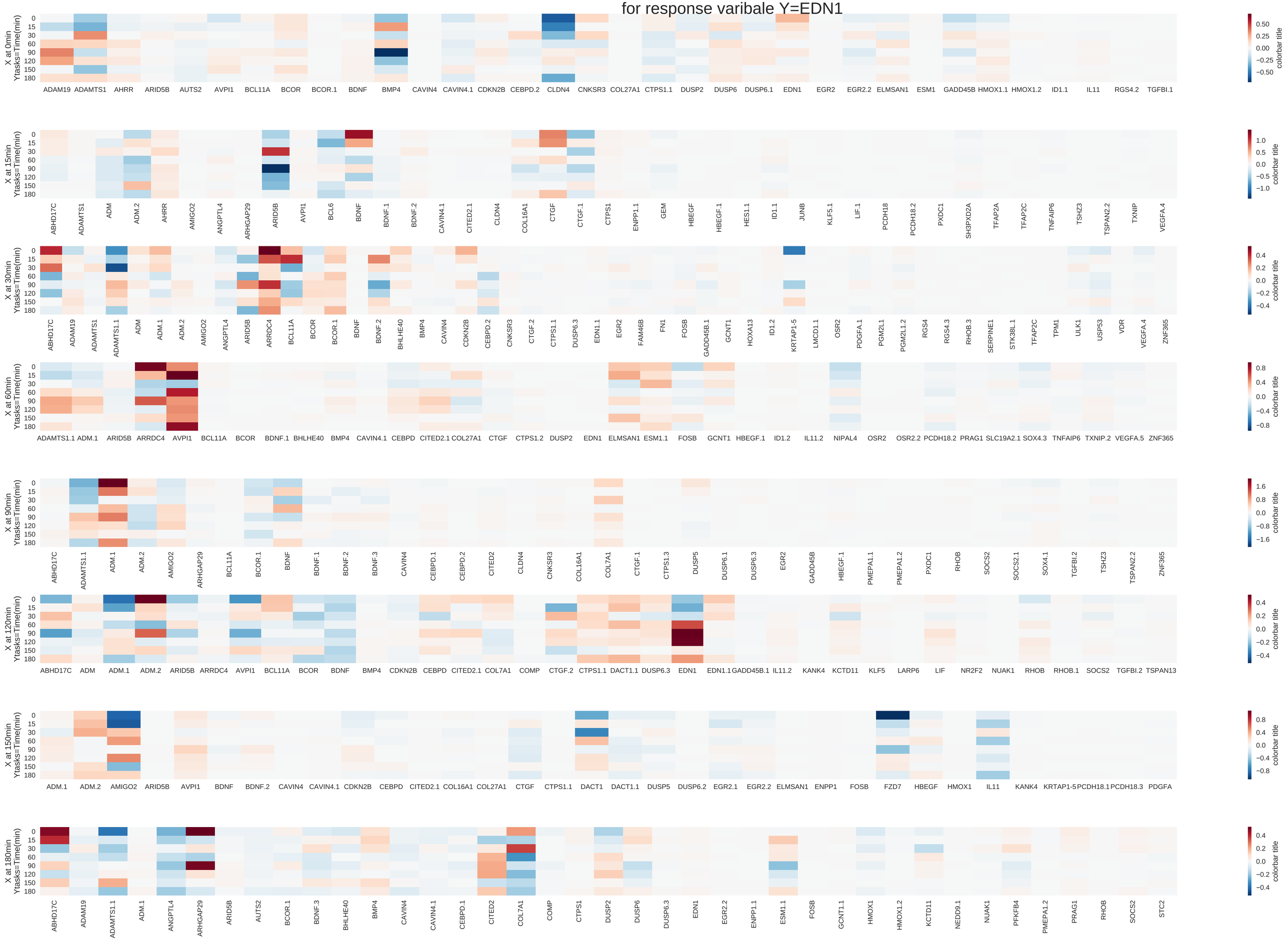
# Coefficients from multi-task LASSO regression for response varibale Y=DUSP6.2



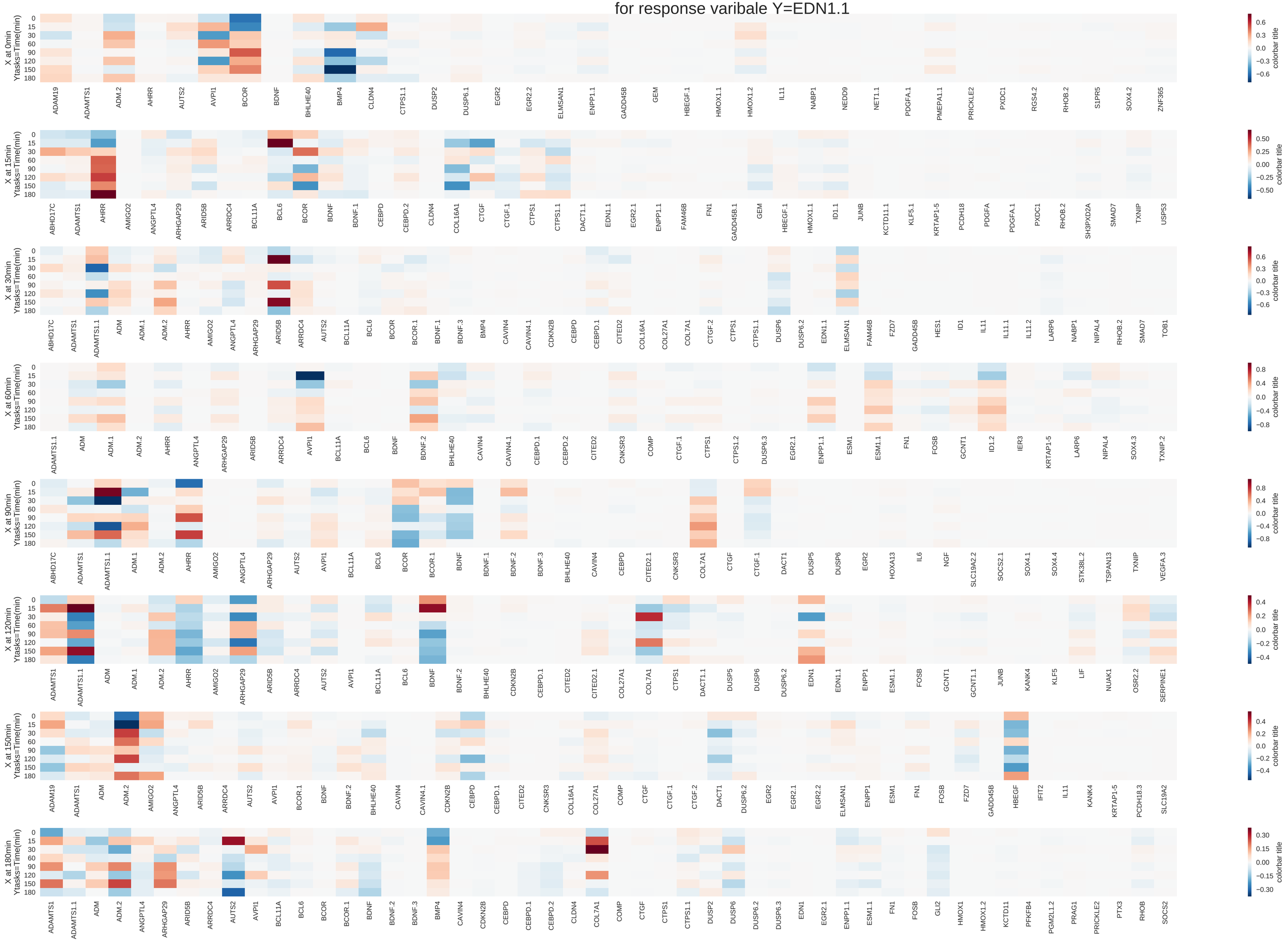
# Coefficients from multi-task LASSO regression for response varibale Y=DUSP6.3



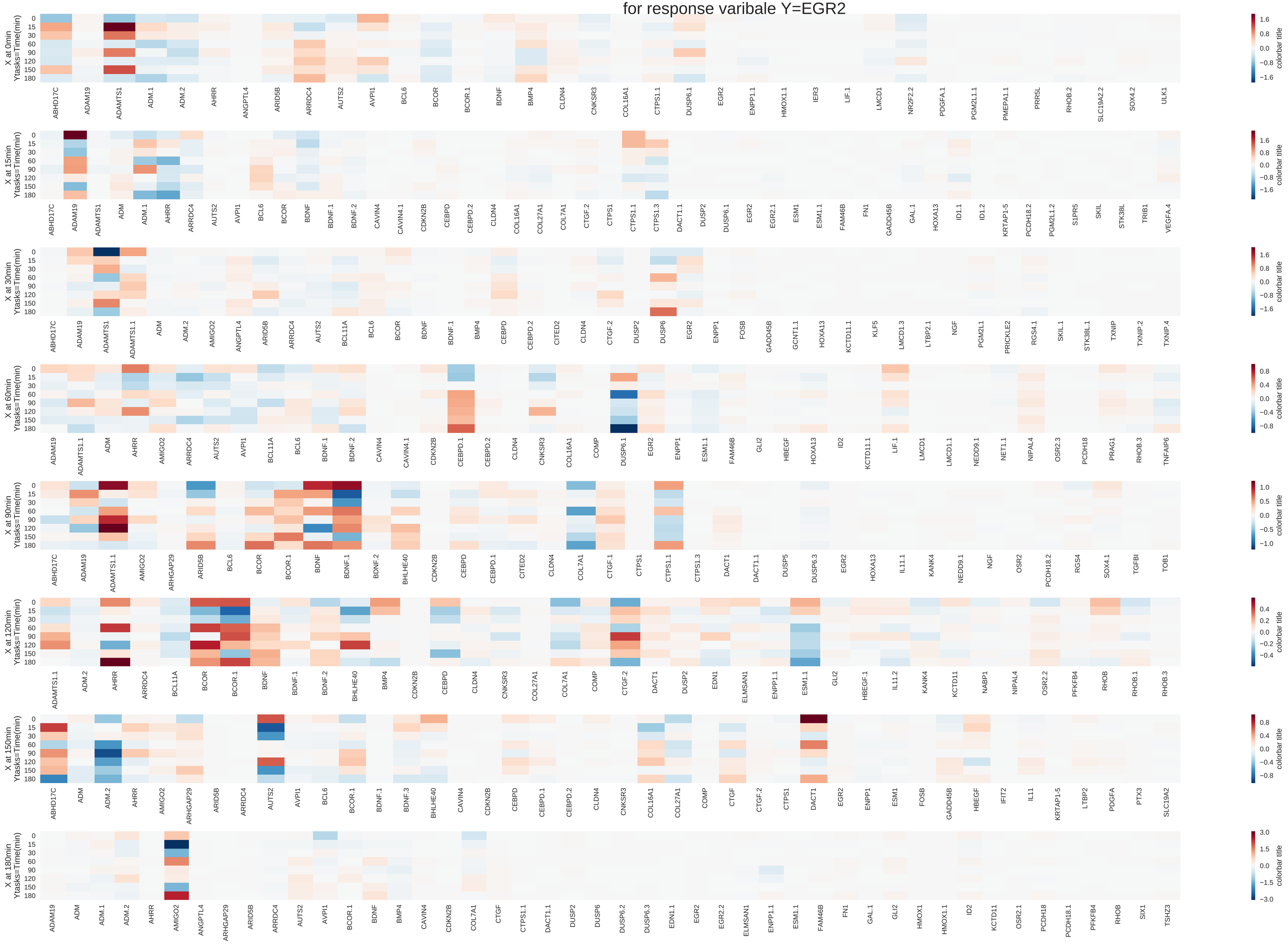
# Coefficients from multi-task LASSO regression for response varibale Y=EDN1



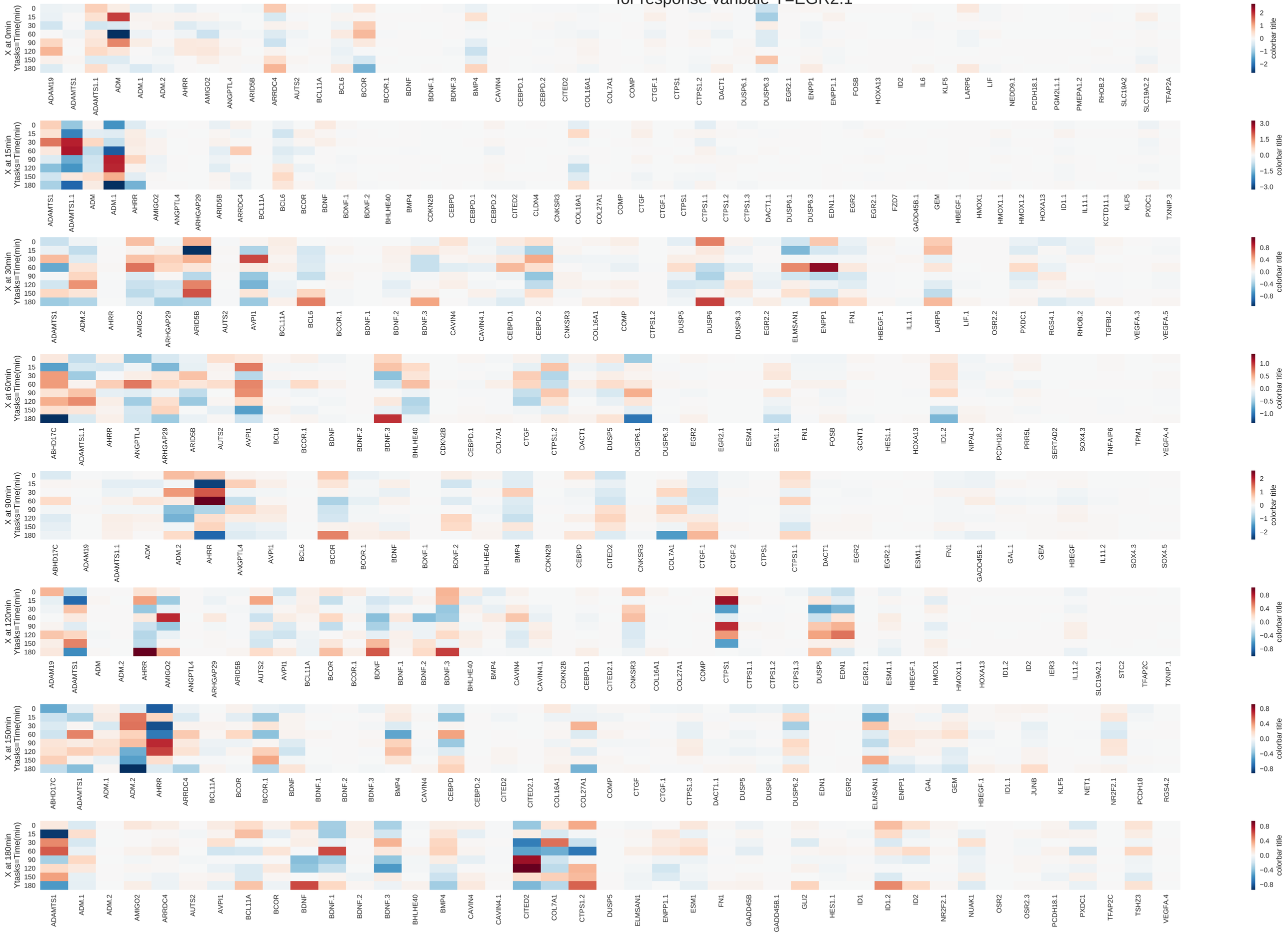
# Coefficients from multi-task LASSO regression for response varibale Y=EDN1.1



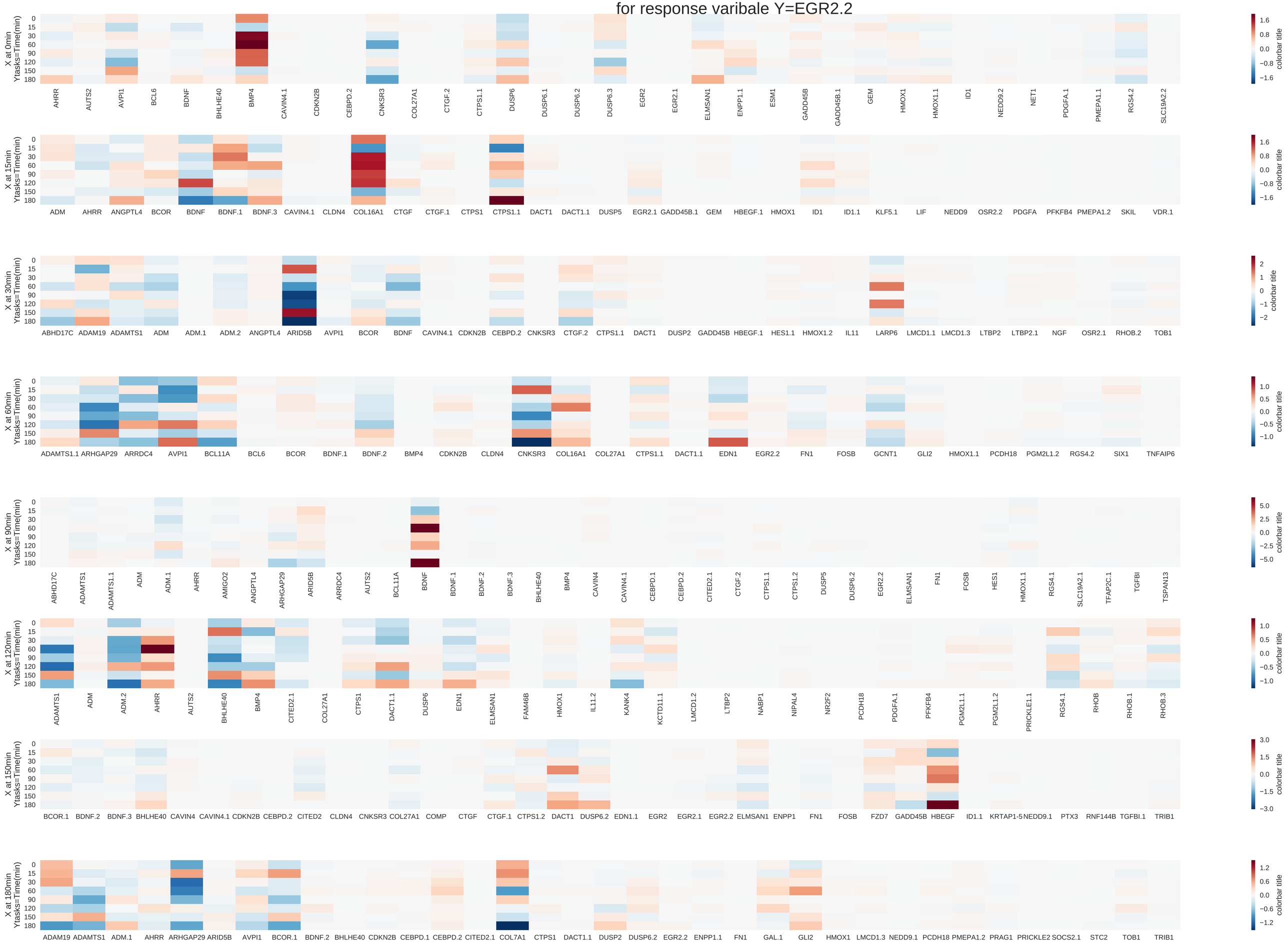
# Coefficients from multi-task LASSO regression for response varibale Y=EGR2



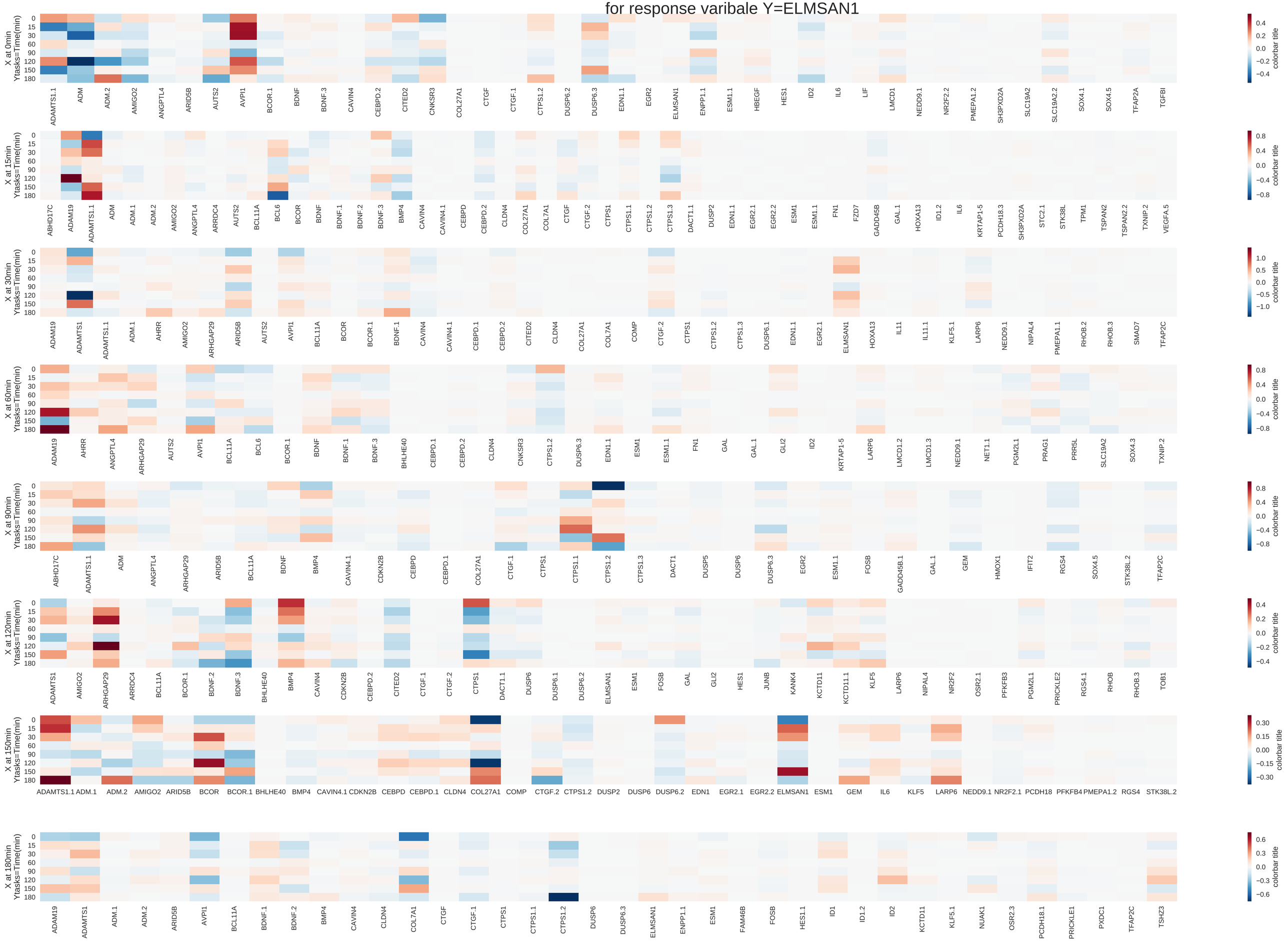
# Coefficients from multi-task LASSO regression for response varibale Y=EGR2.1



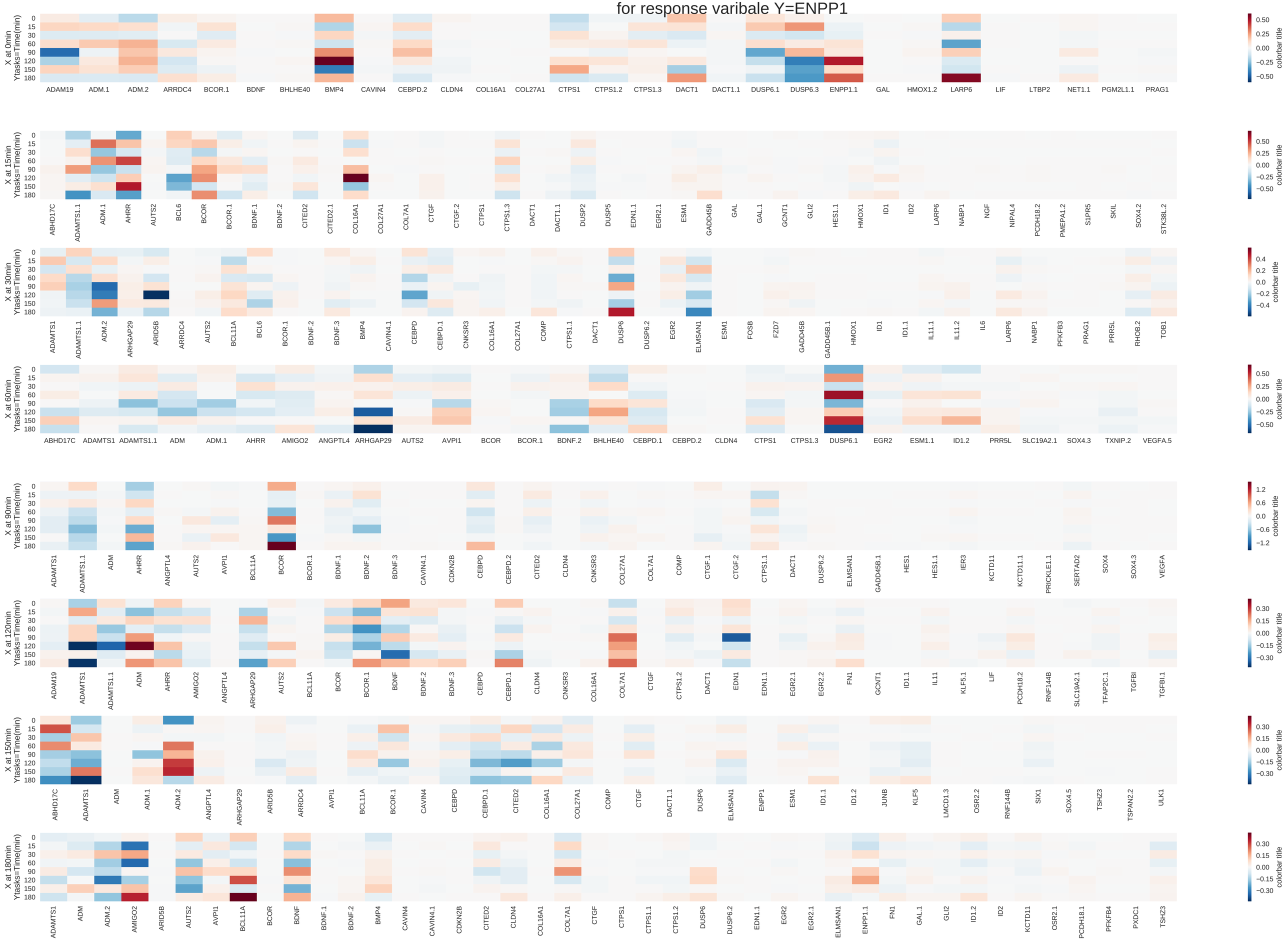
# Coefficients from multi-task LASSO regression for response varibale Y=EGR2.2



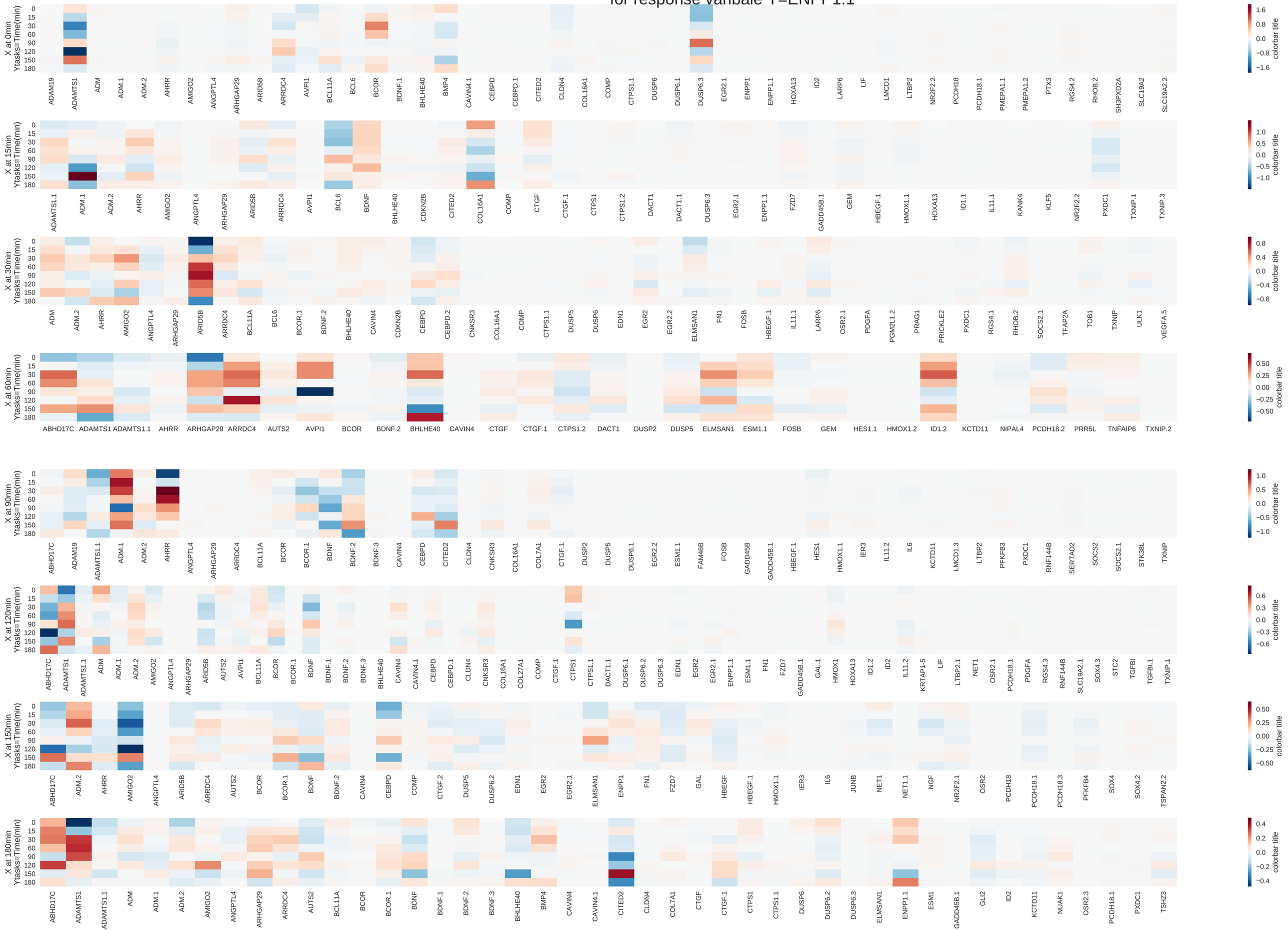
# Coefficients from multi-task LASSO regression for response varibale Y=ELMSAN1



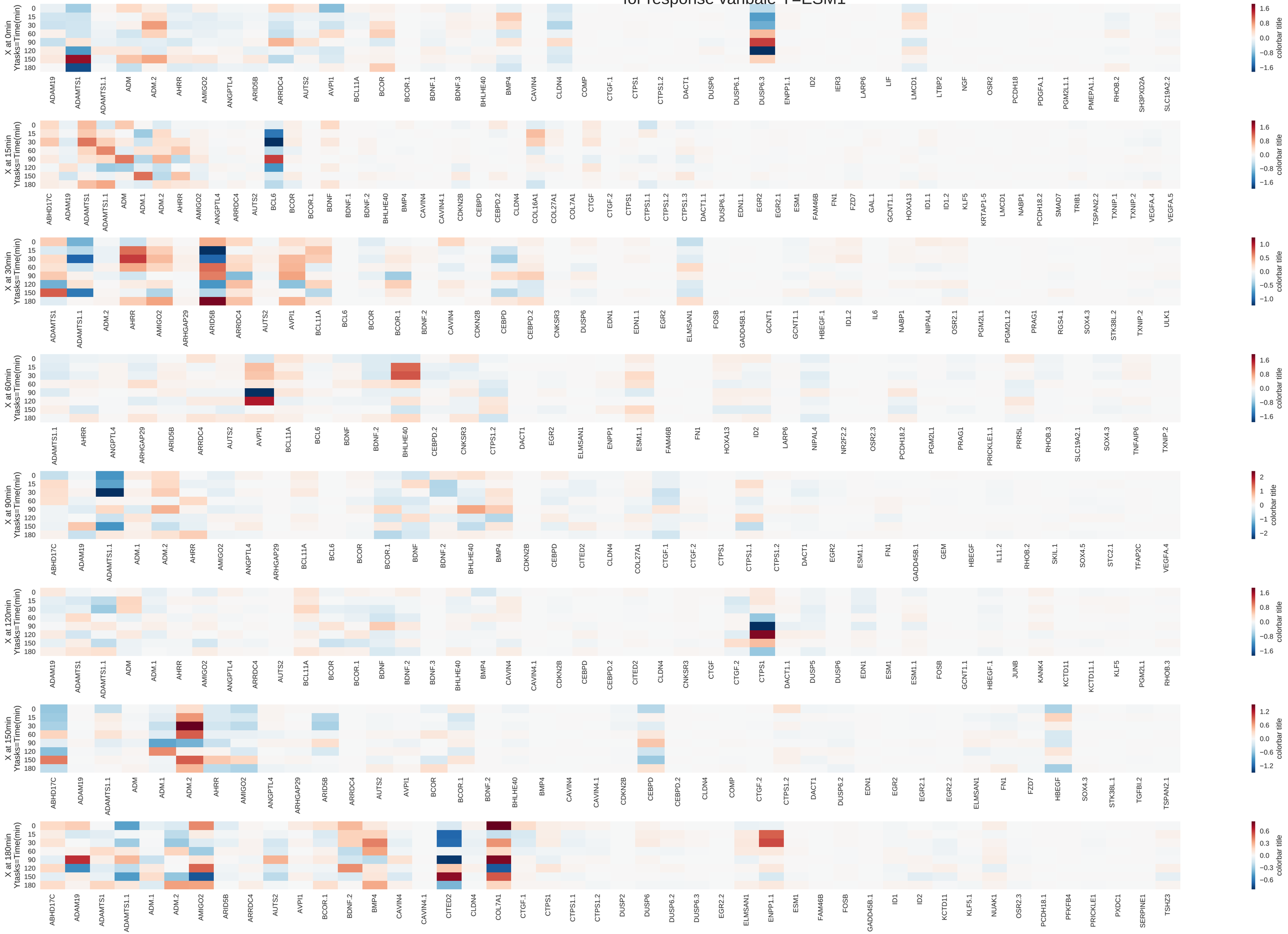
# Coefficients from multi-task LASSO regression for response varibale Y=ENPP1



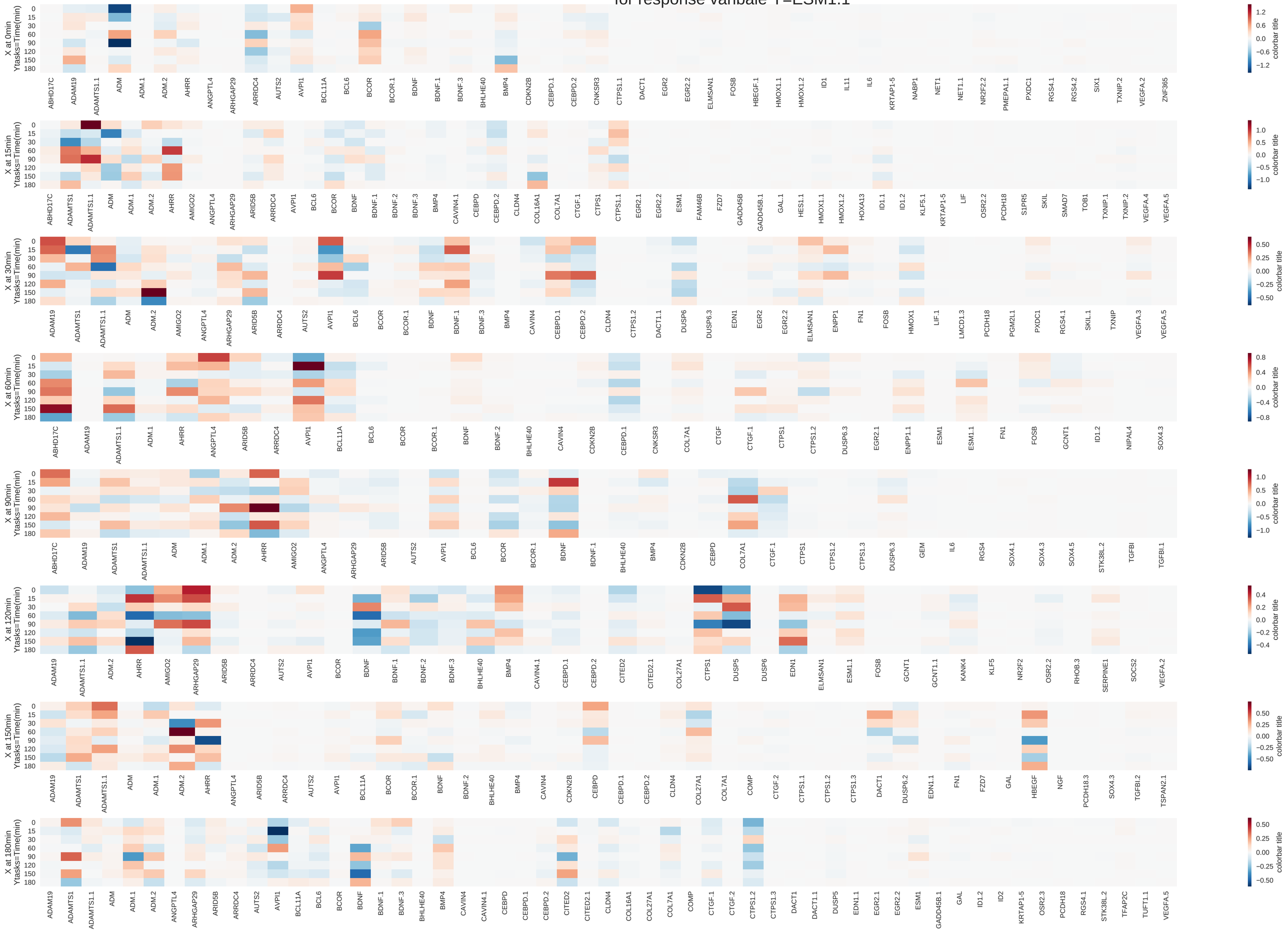
# Coefficients from multi-task LASSO regression for response varibale Y=ENPP1.1



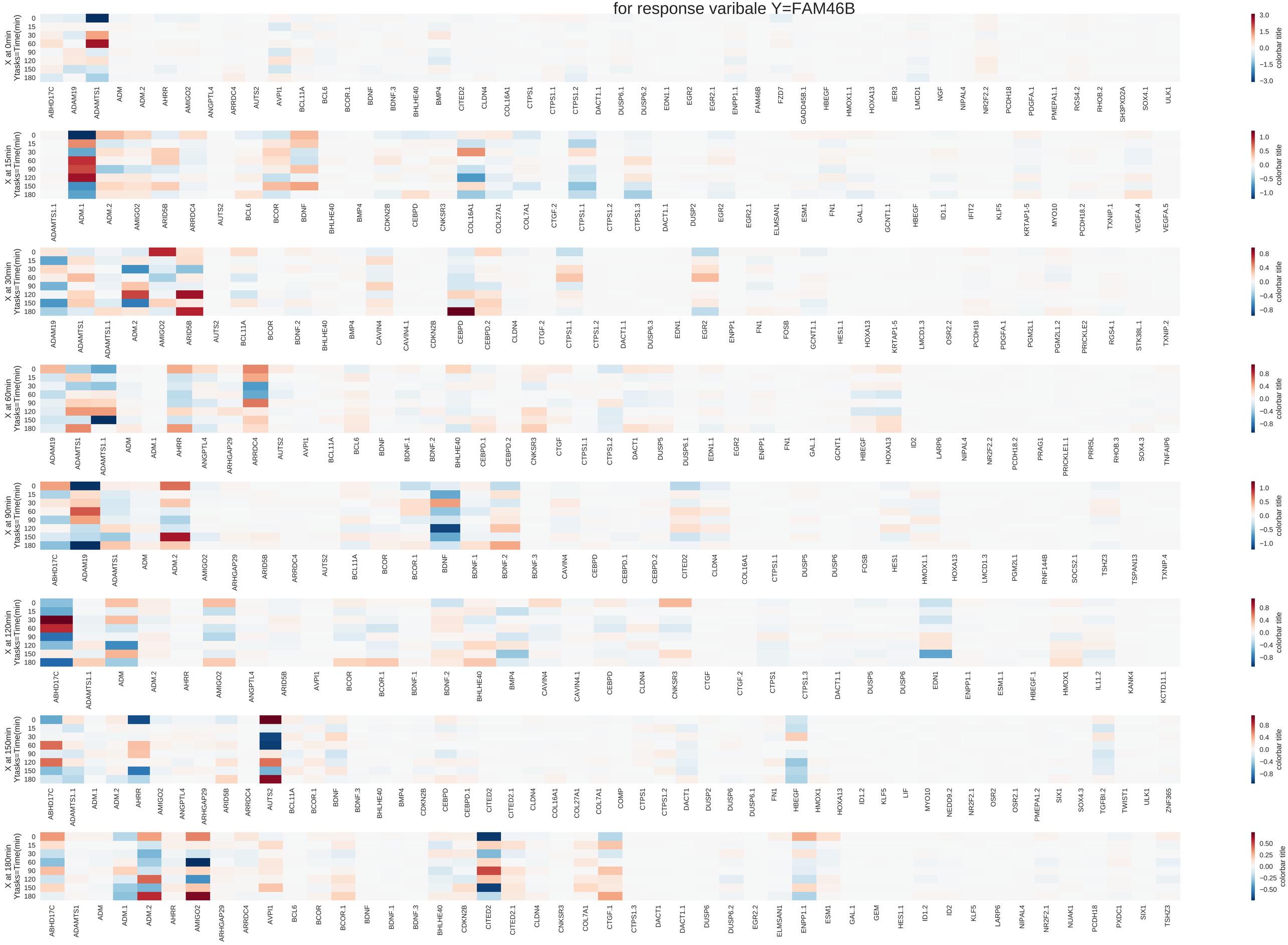
# Coefficients from multi-task LASSO regression for response varibale Y=ESM1



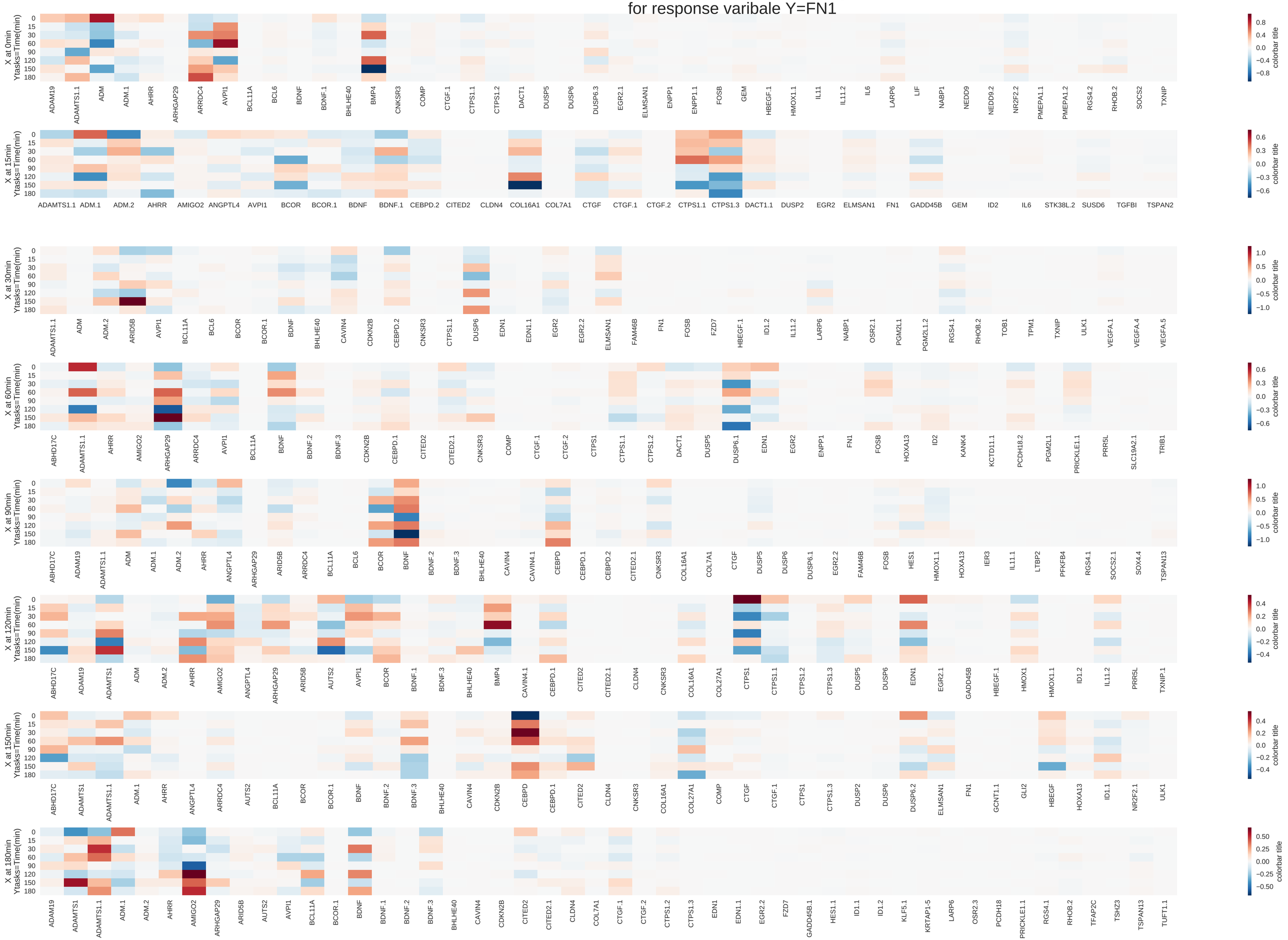
# Coefficients from multi-task LASSO regression for response varibale Y=ESM1.1



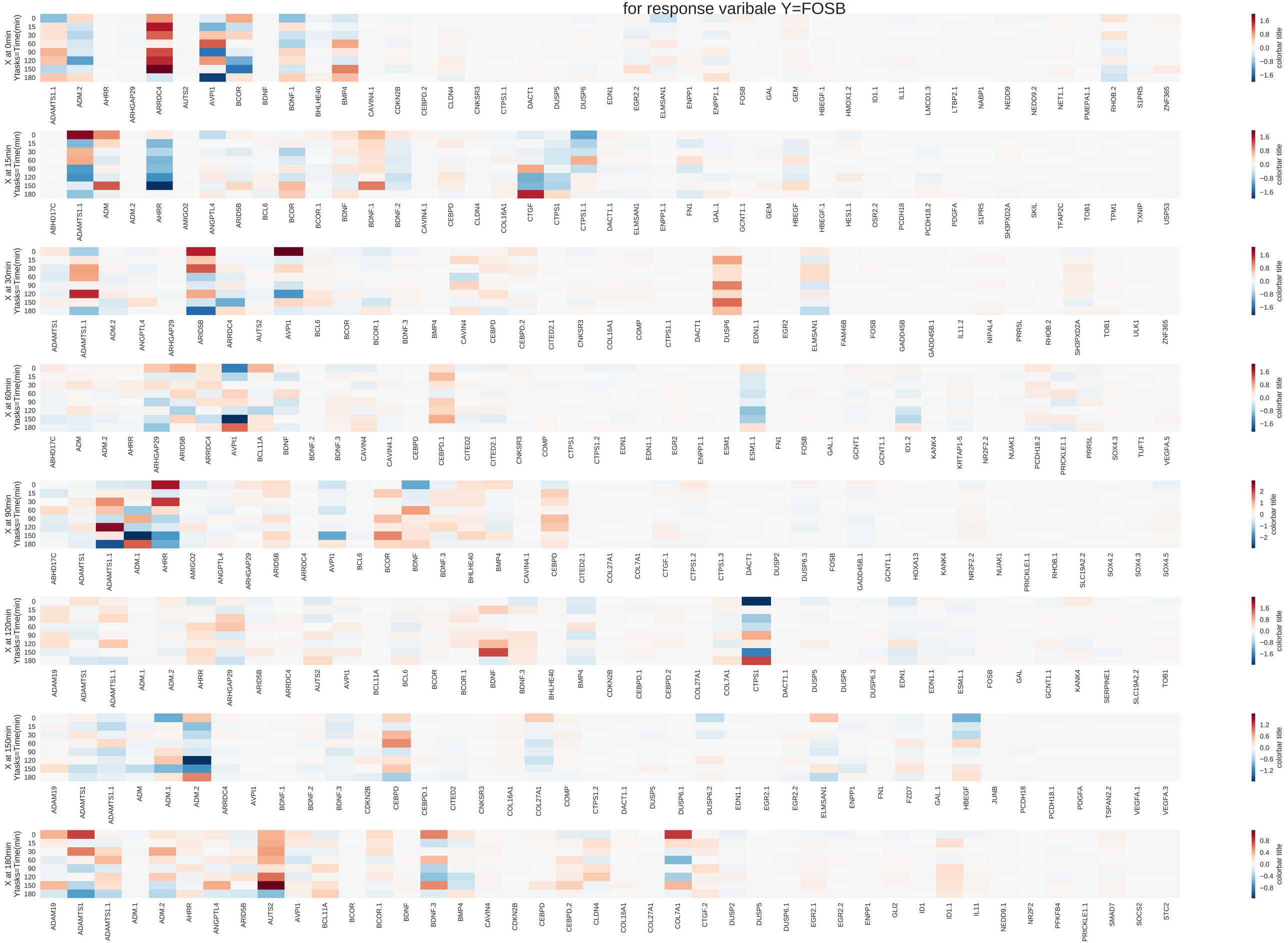
# Coefficients from multi-task LASSO regression for response varibale Y=FAM46B

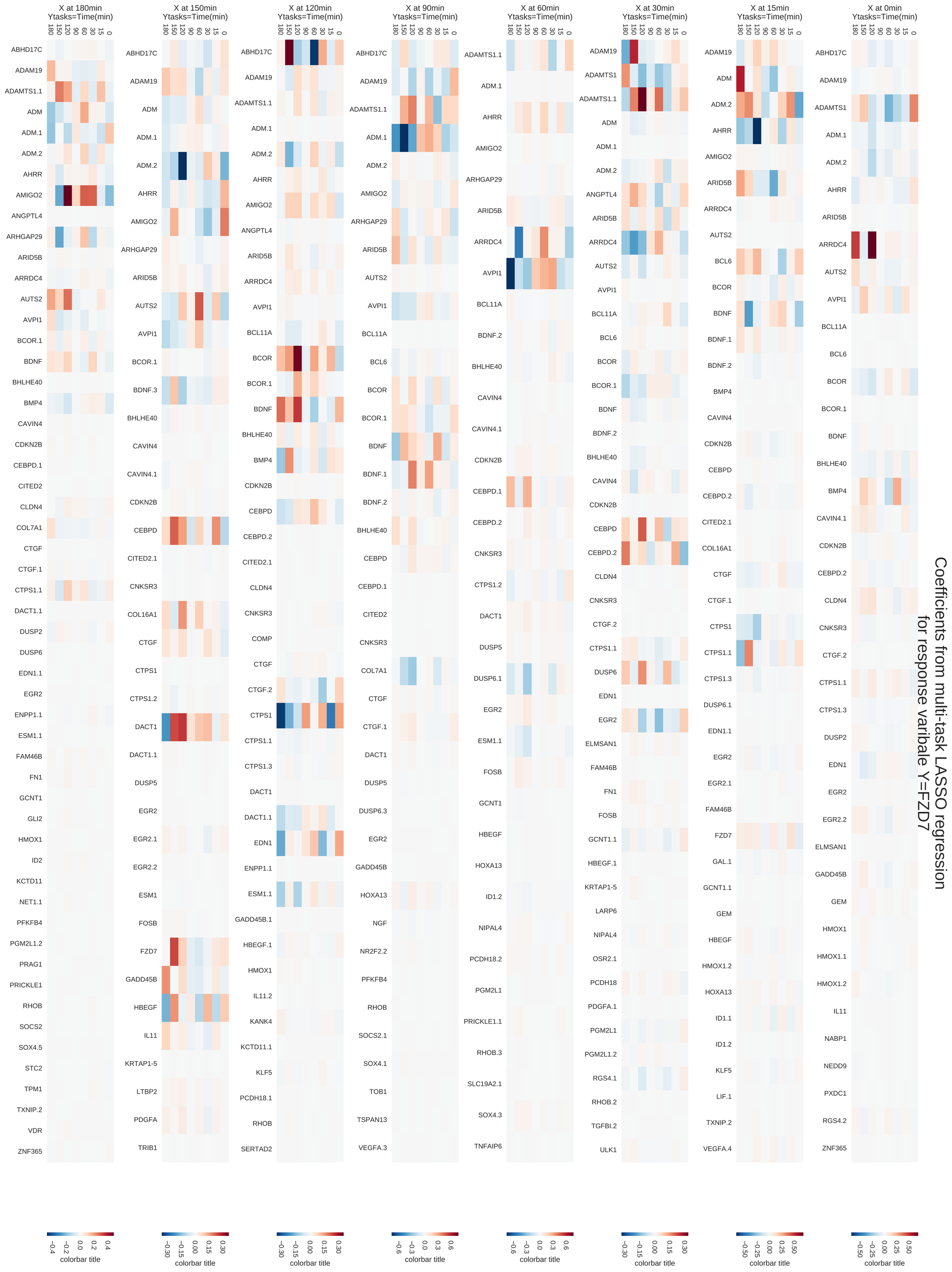


# Coefficients from multi-task LASSO regression for response varibale Y=FN1



# Coefficients from multi-task LASSO regression for response varibale Y=FOSB




Coefficients from multi-task LASSO regression for response varibale Y=FZD7
X at 180min Ytasks=Time(min)
X at 150min Ytasks=Time(min)
X at 120min Ytasks=Time(min)
X at 90min Ytasks=Time(min)
X at 60min Ytasks=Time(min)
X at 30min Ytasks=Time(min)
X at 15min Ytasks=Time(min)
X at 0min Ytasks=Time(min)
180 150 120 90 60 30 15 0
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ADM
ADM.1
ADM.2
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AMIGO2
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BCOR.1
BDNF
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BMP4
CAVIN4
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CITED2
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CTGF
CTGF.1
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DACT1.1
DUSP2
DUSP6
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EGR2
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ESM1.1
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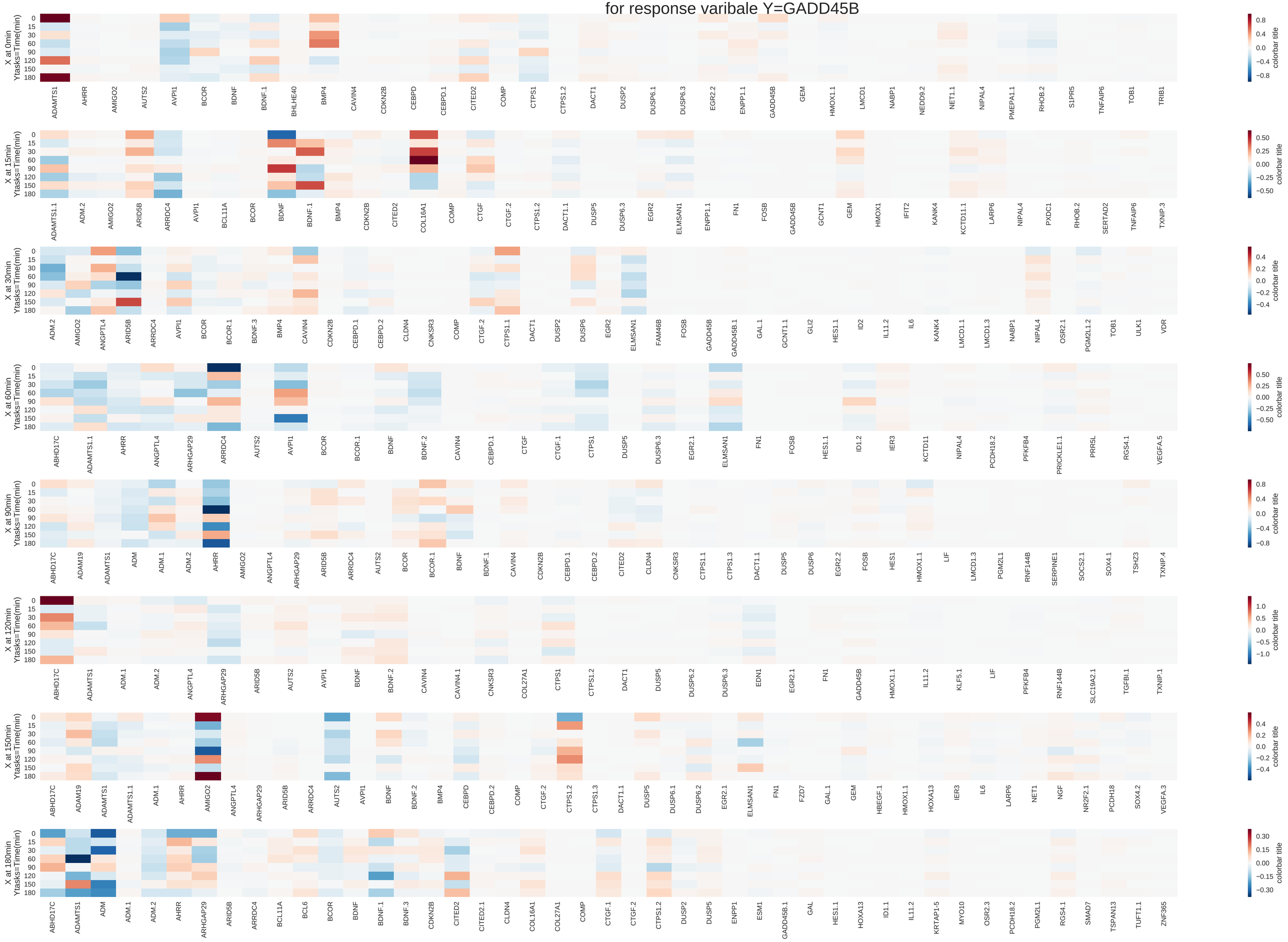
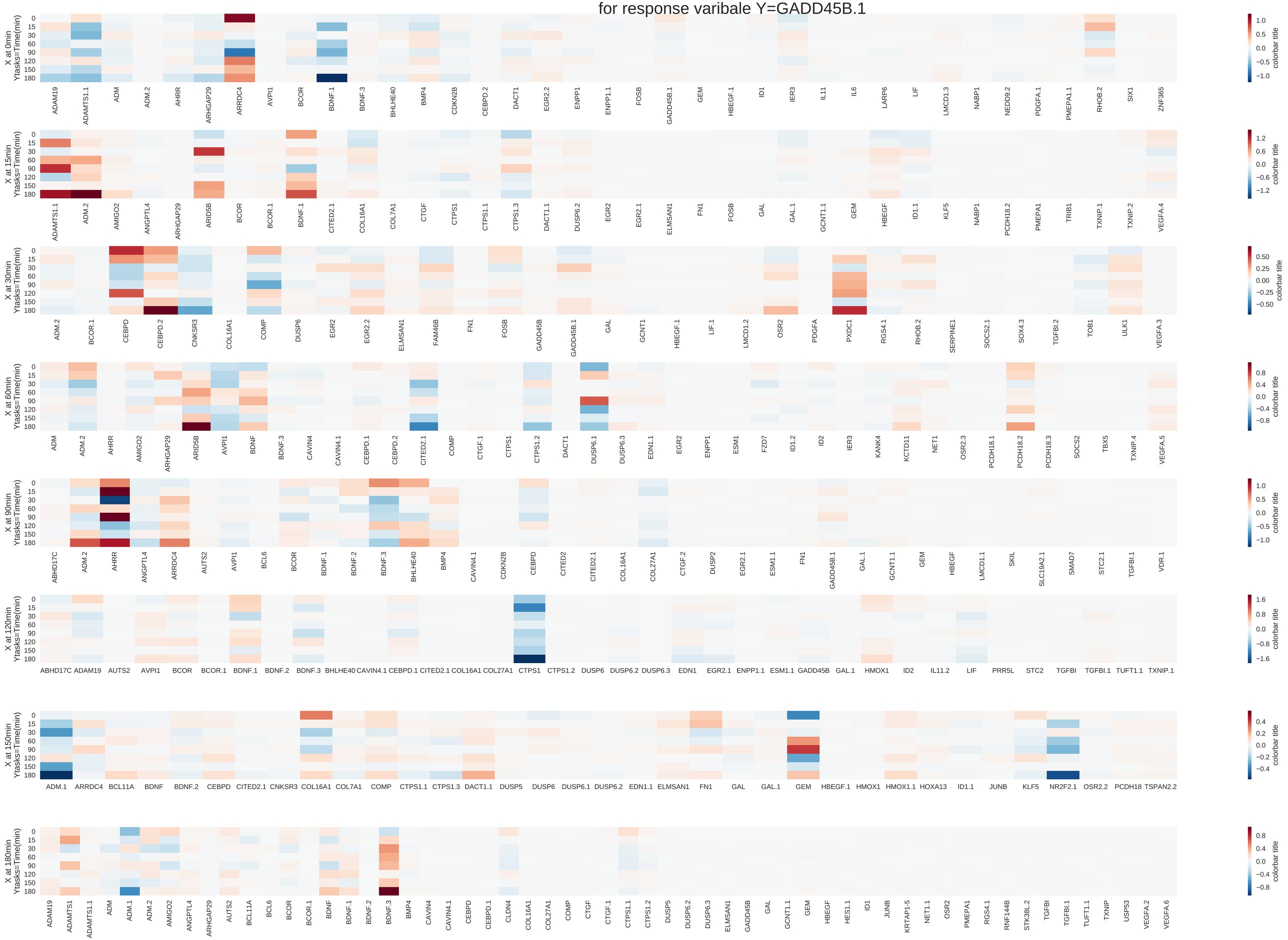
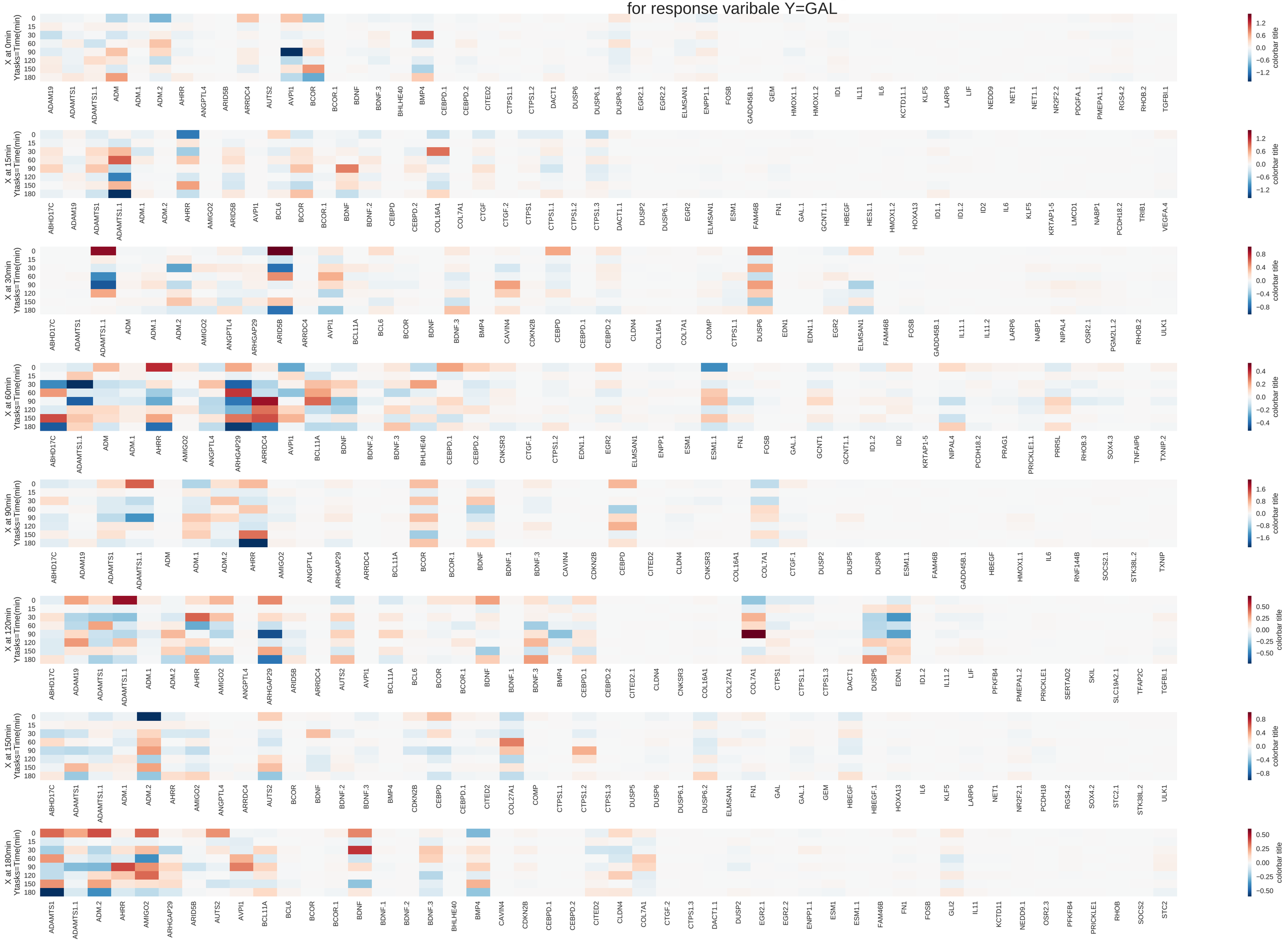
# Coefficients from multi-task LASSO regression for response varibale Y=GADD45B



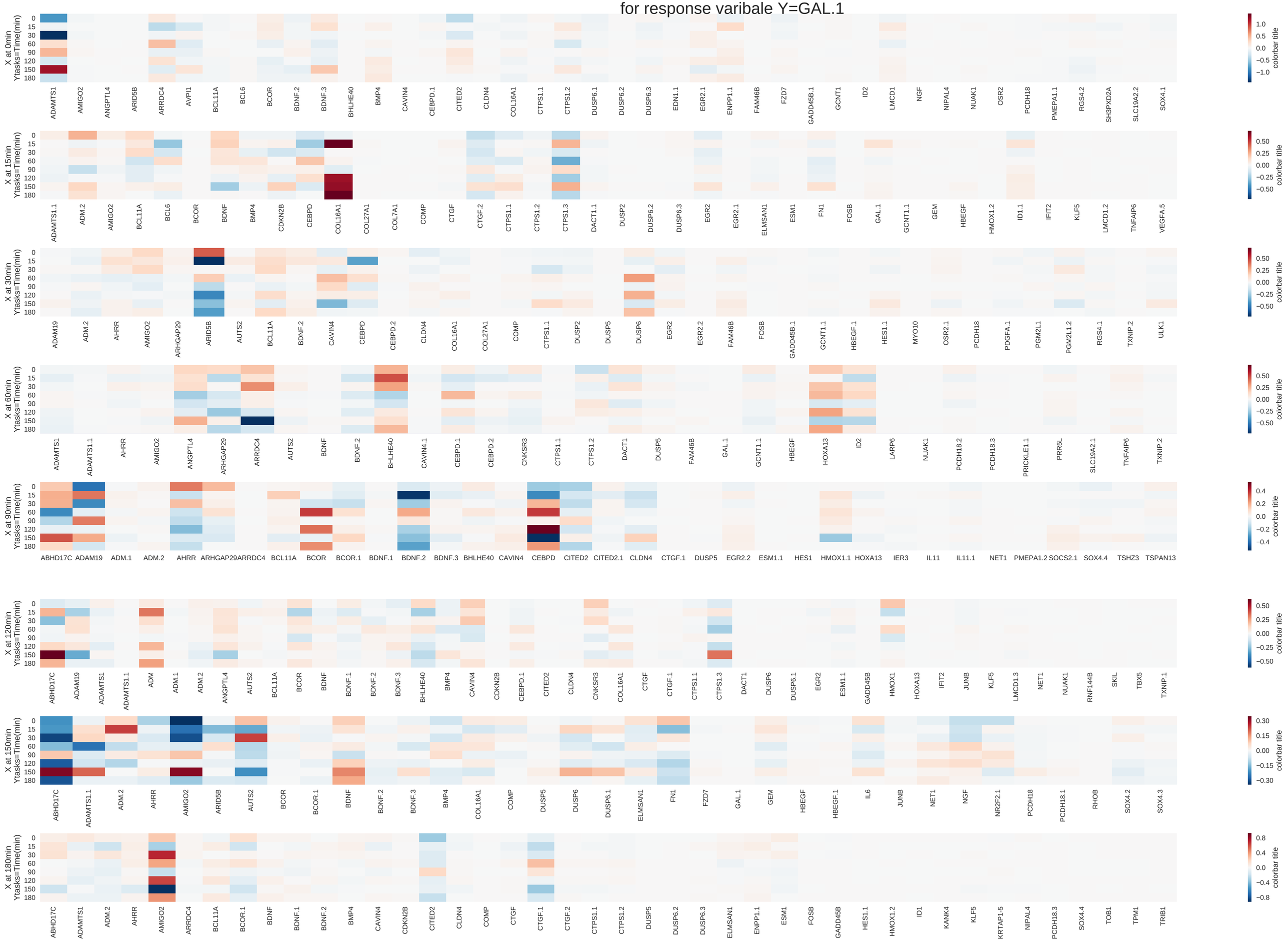
# Coefficients from multi-task LASSO regression for response varibale Y=GADD45B.1



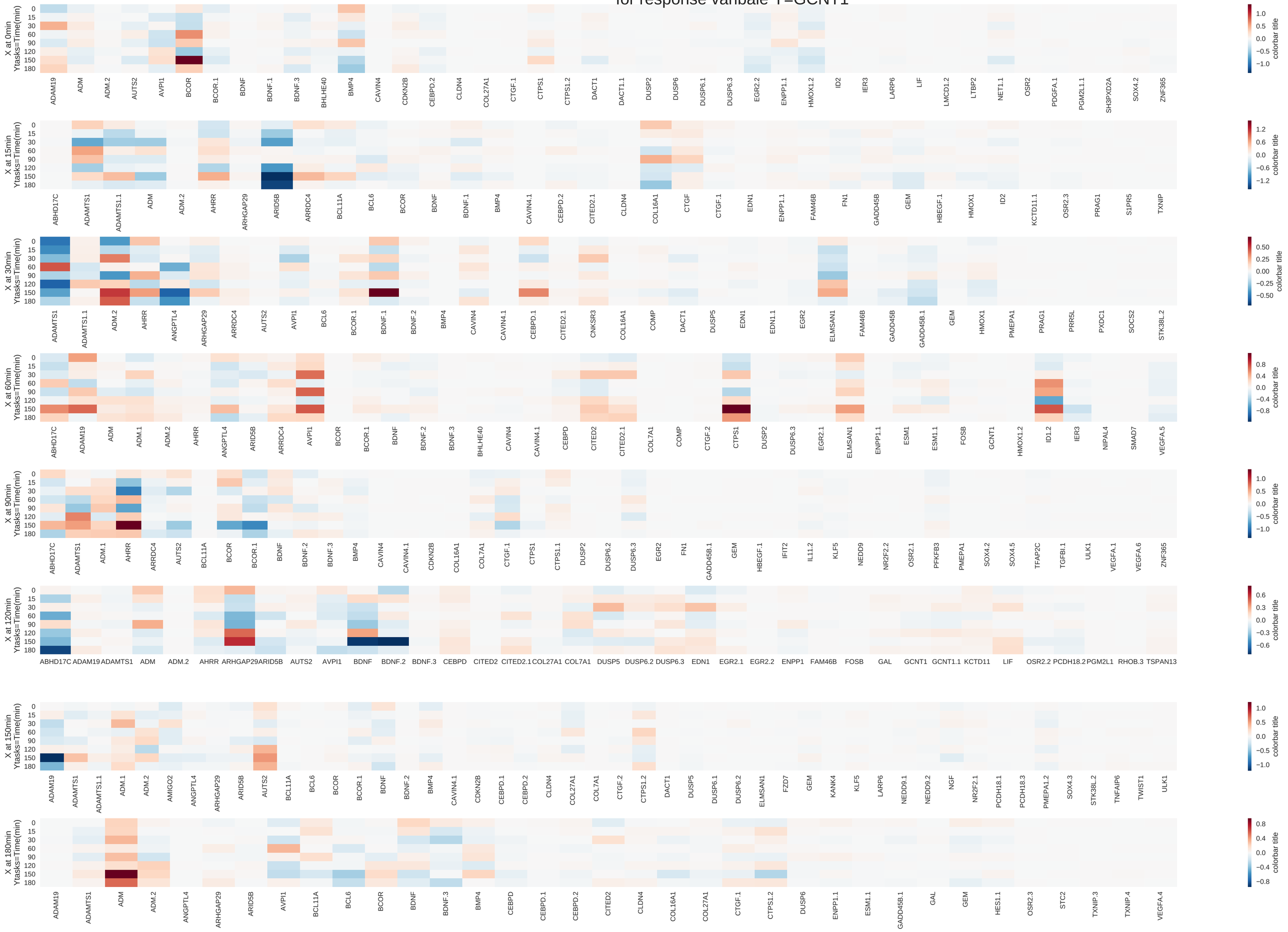
# Coefficients from multi-task LASSO regression for response varibale Y=GAL



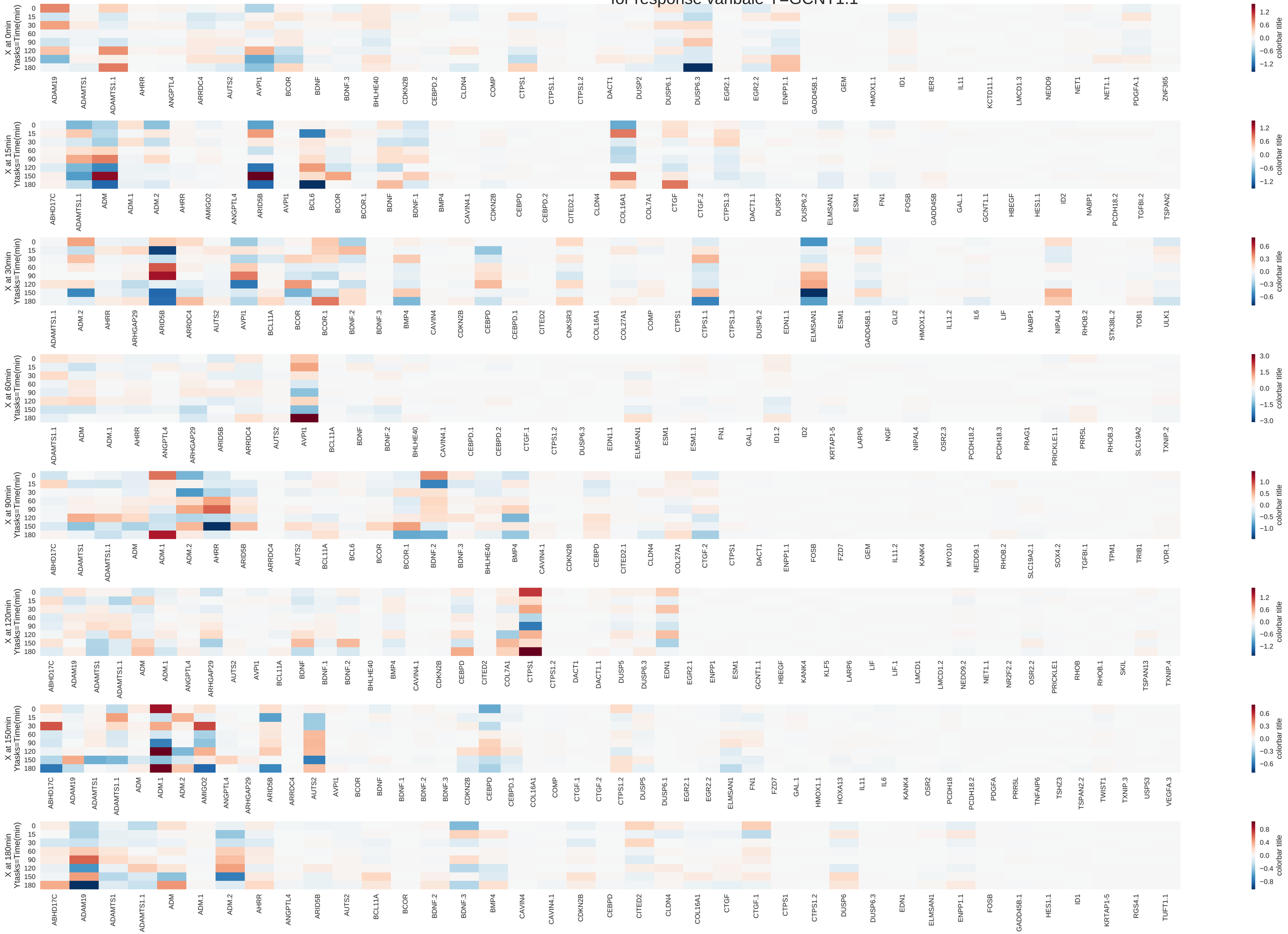
# Coefficients from multi-task LASSO regression for response varibale Y=GAL.1



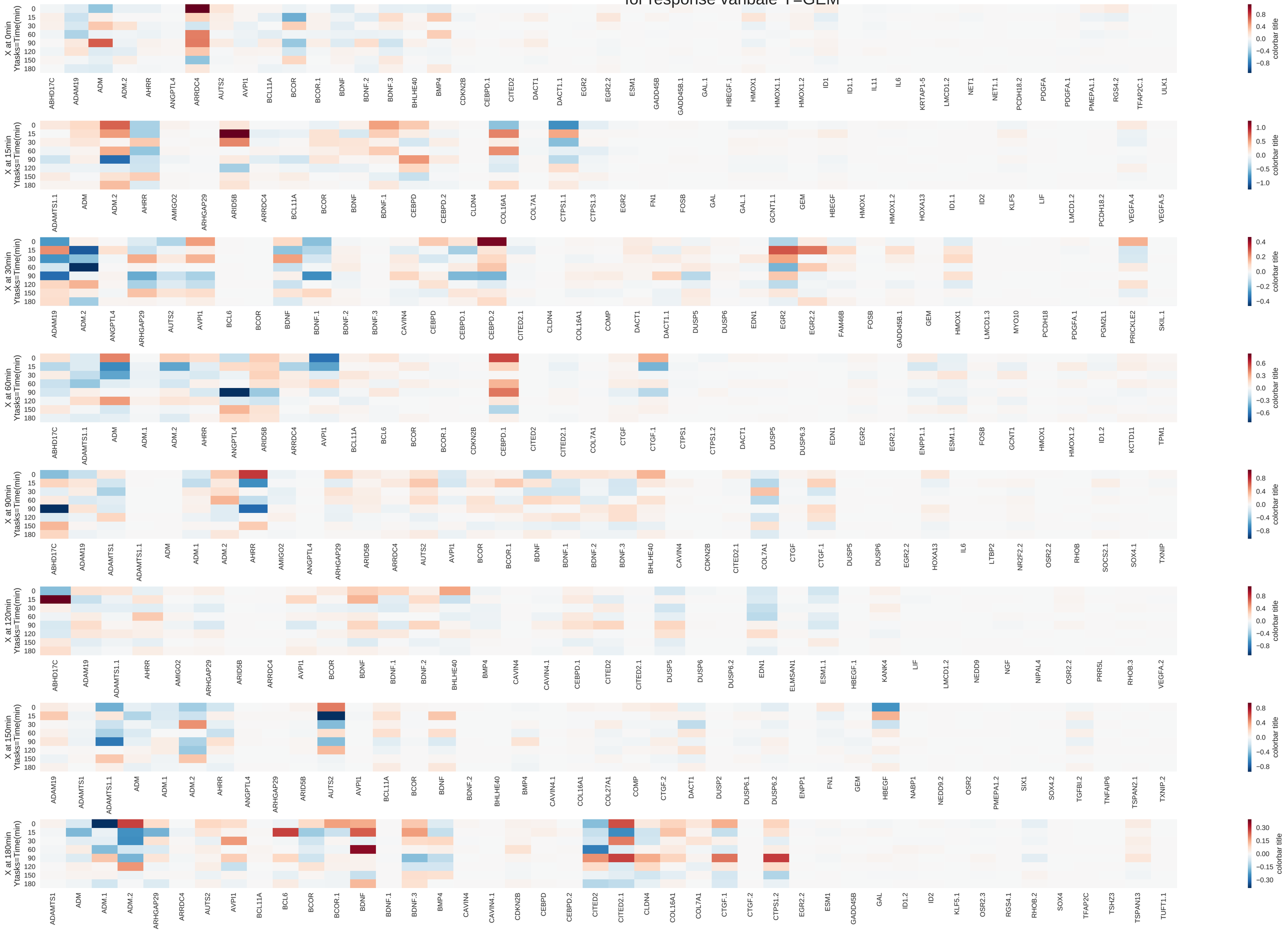
# Coefficients from multi-task LASSO regression for response varibale Y=GCNT1



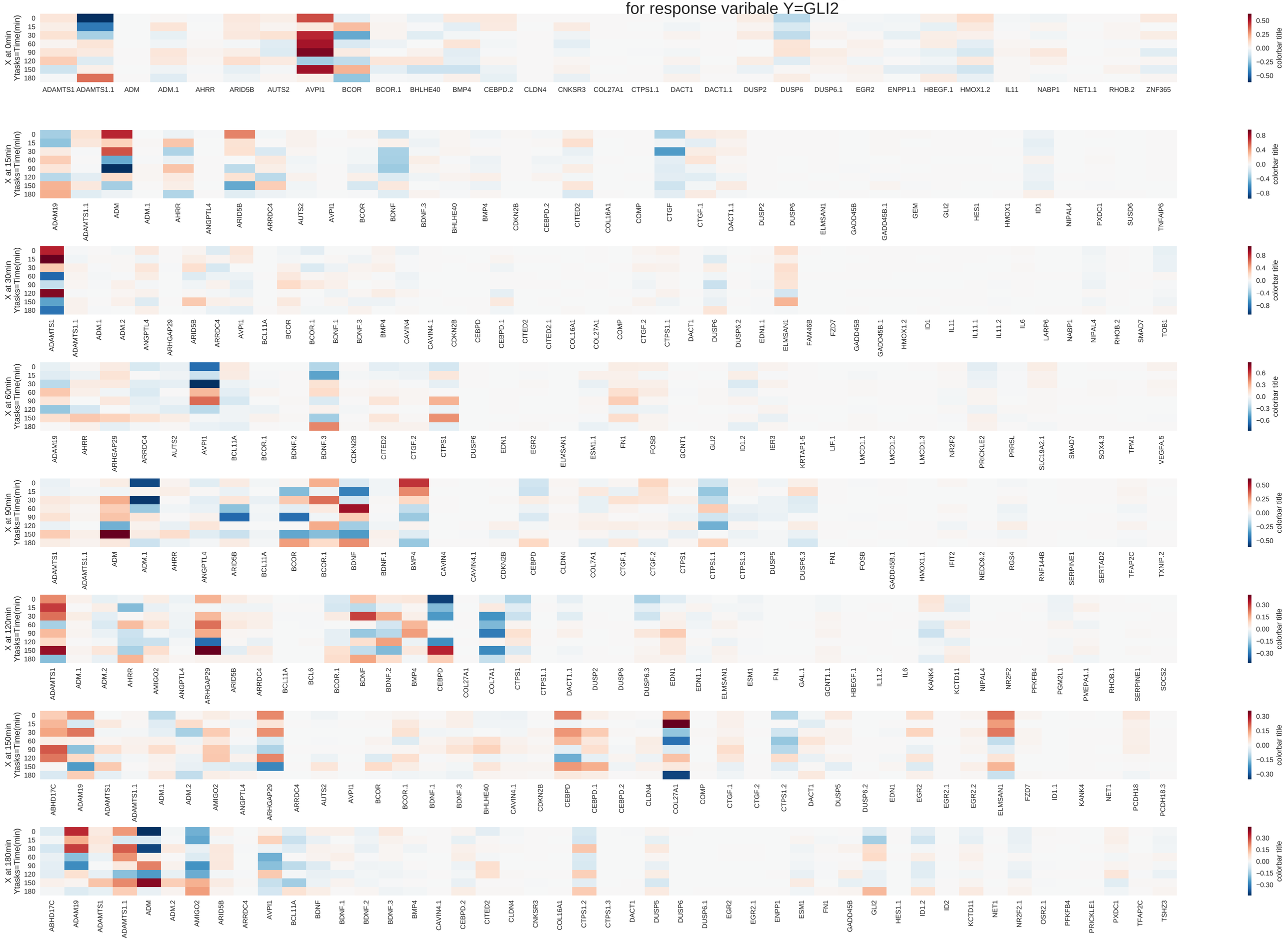
# Coefficients from multi-task LASSO regression for response varibale Y=GCNT1.1



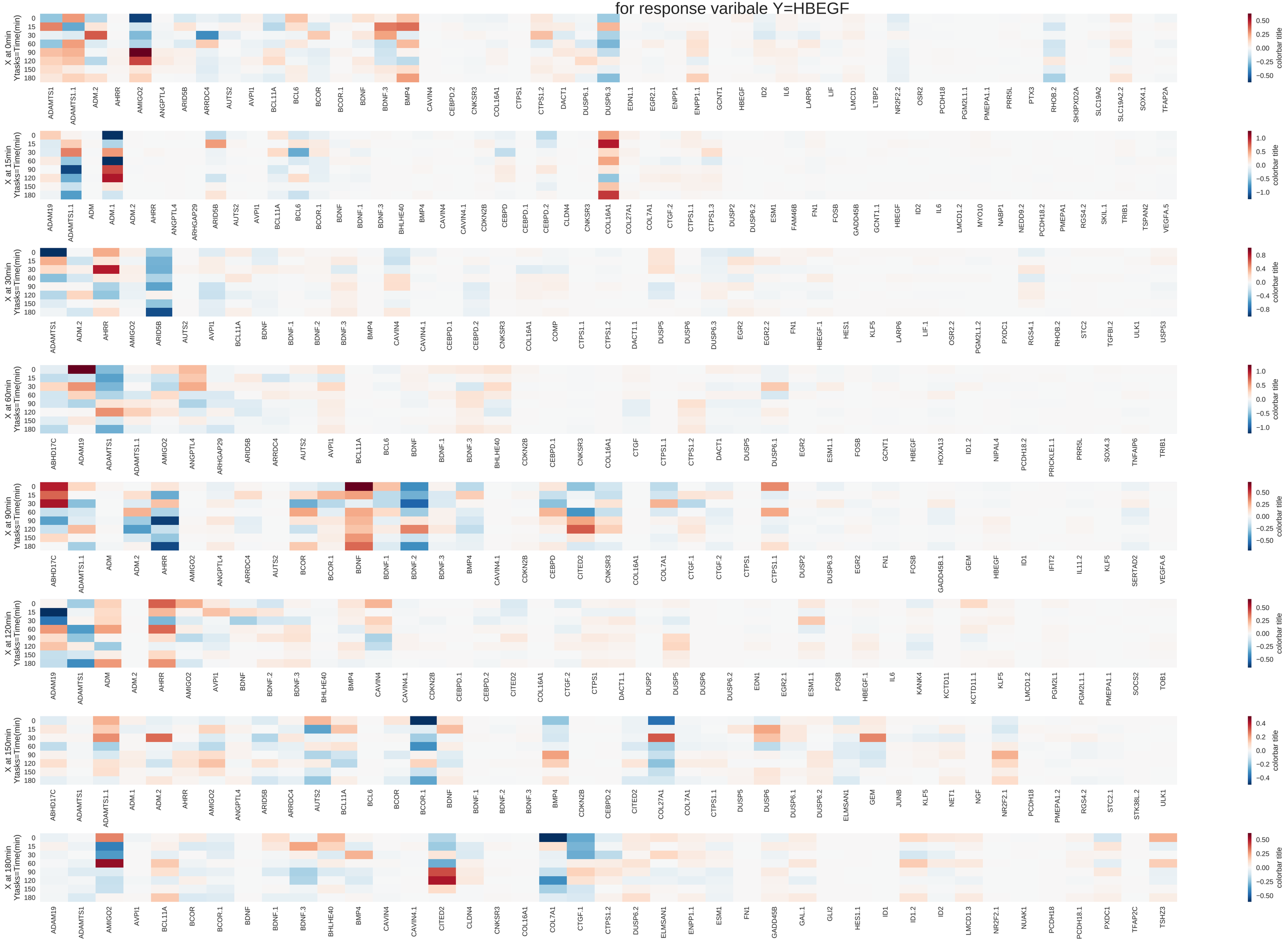
# Coefficients from multi-task LASSO regression for response varibale Y=GEM



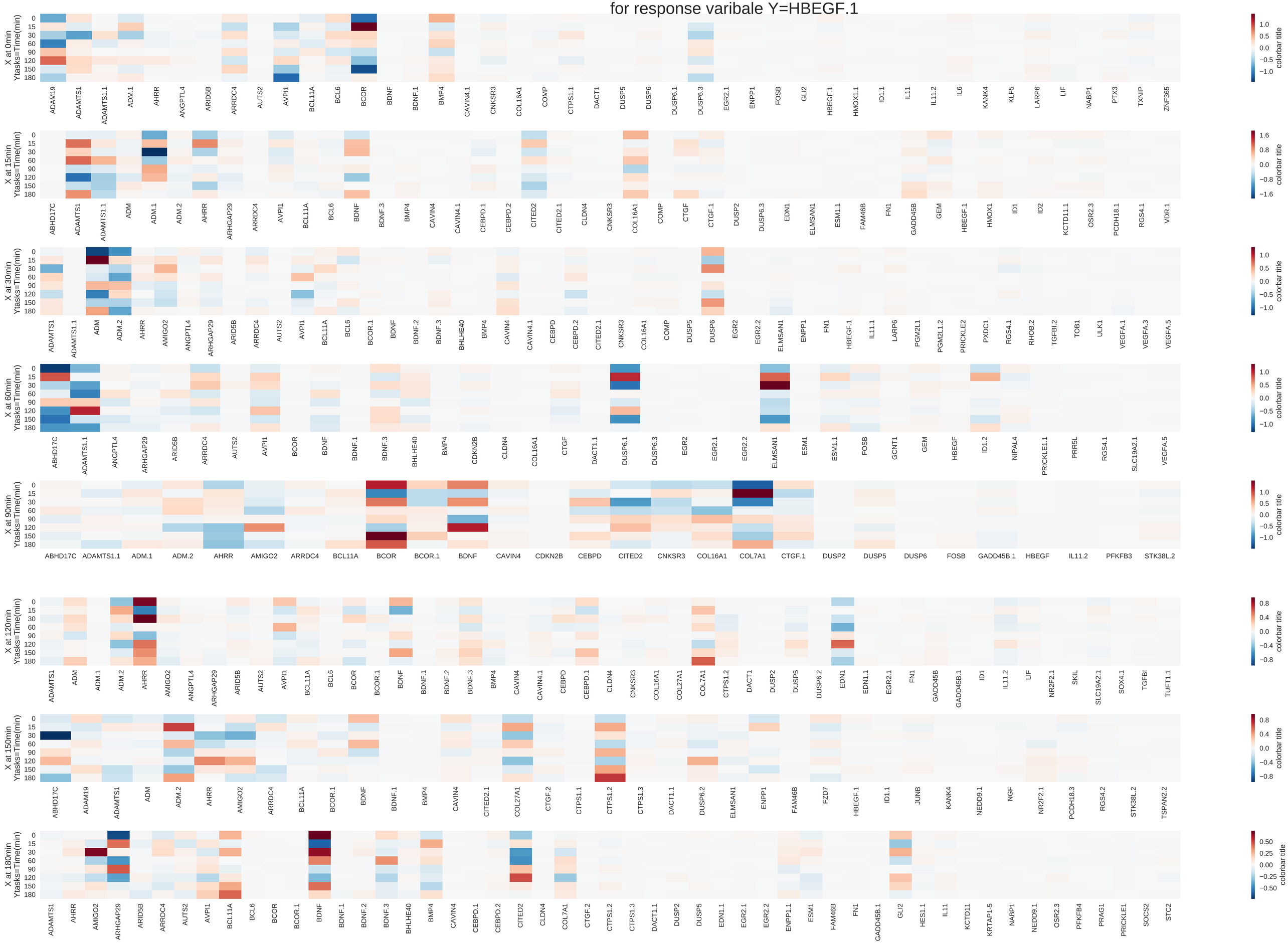
# Coefficients from multi-task LASSO regression for response varibale Y=GLI2



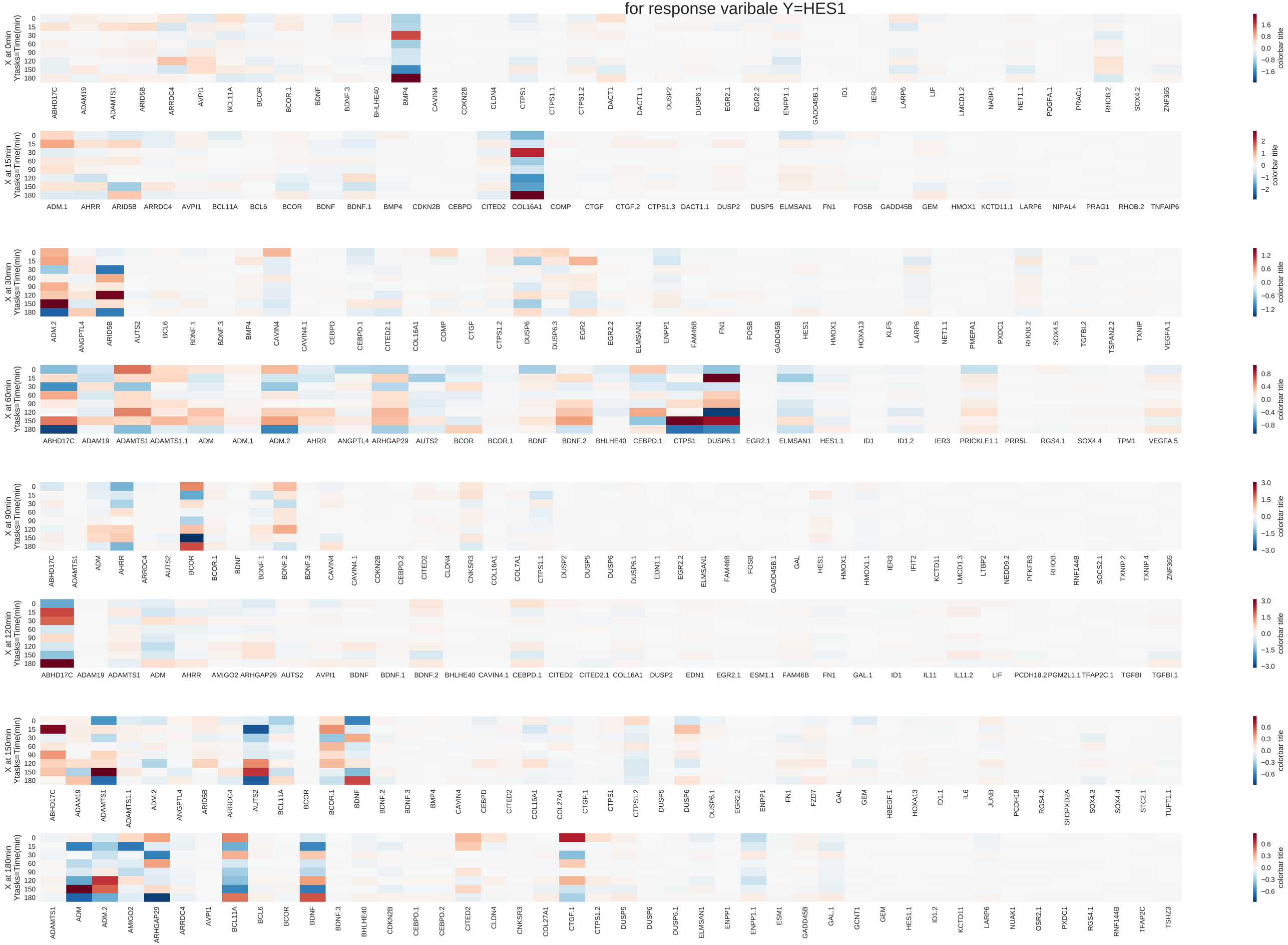
# Coefficients from multi-task LASSO regression for response varibale Y=HBEGF



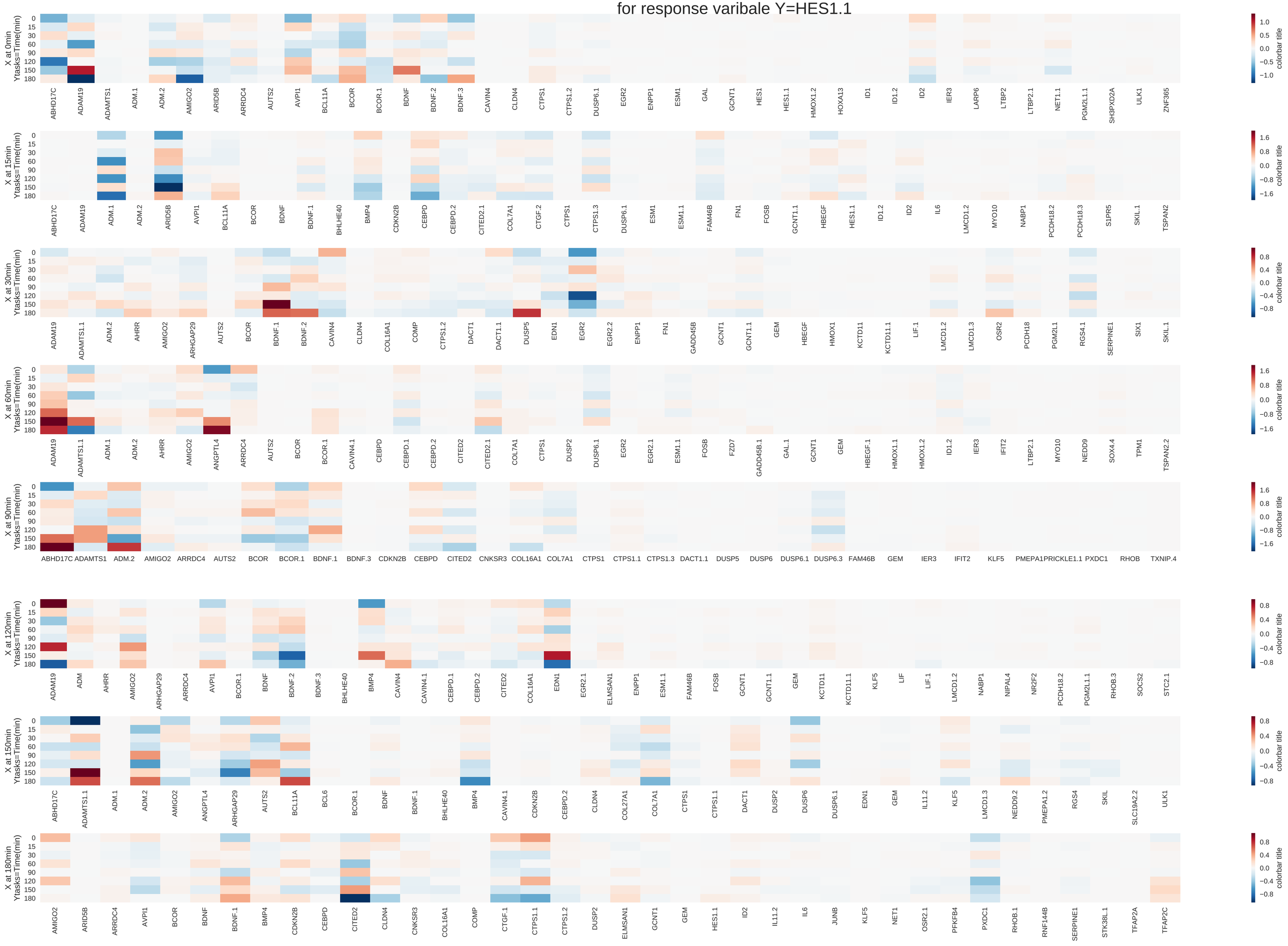
# Coefficients from multi-task LASSO regression for response varibale Y=HBEGF.1



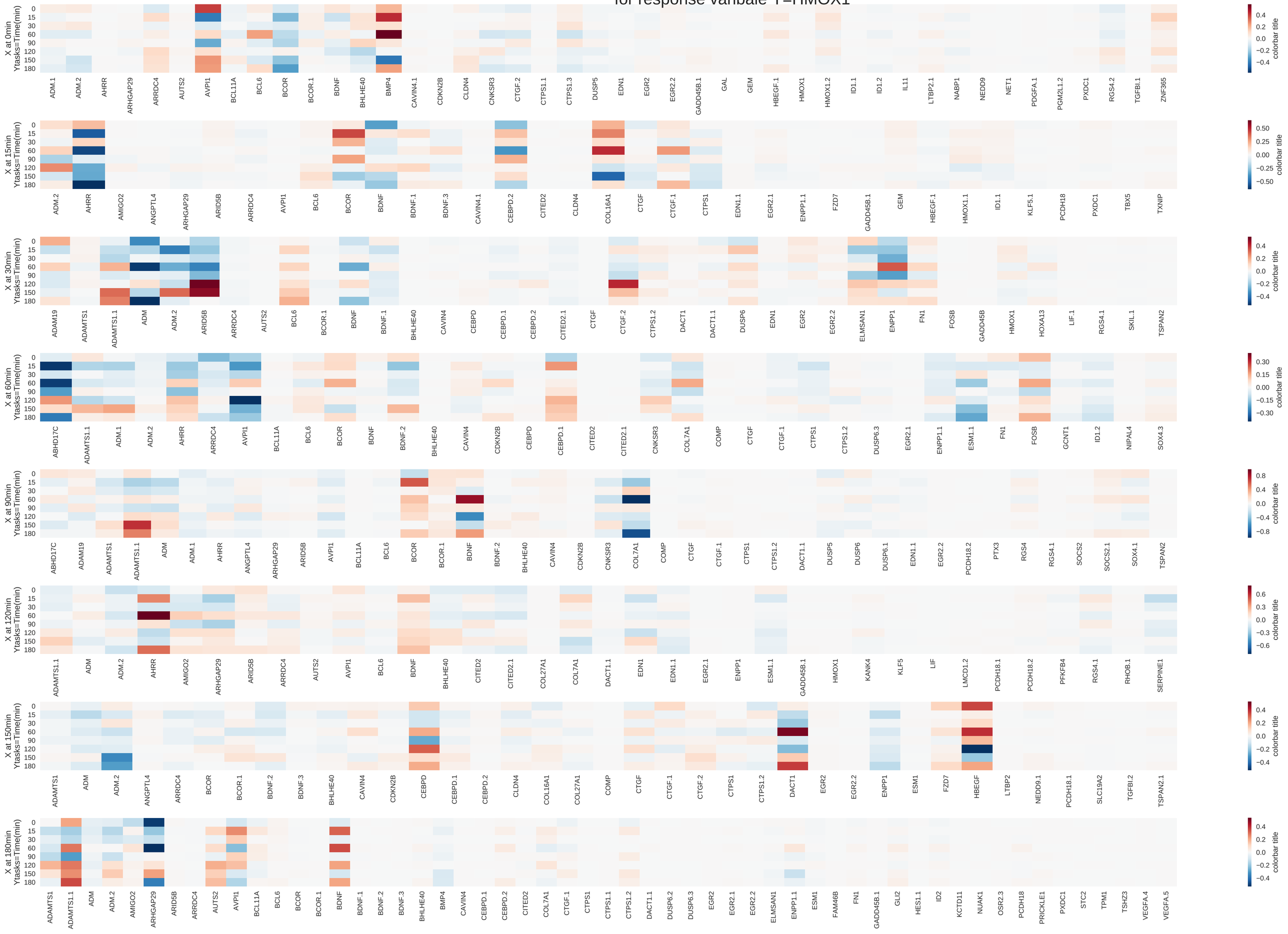
# Coefficients from multi-task LASSO regression for response varibale Y=HES1



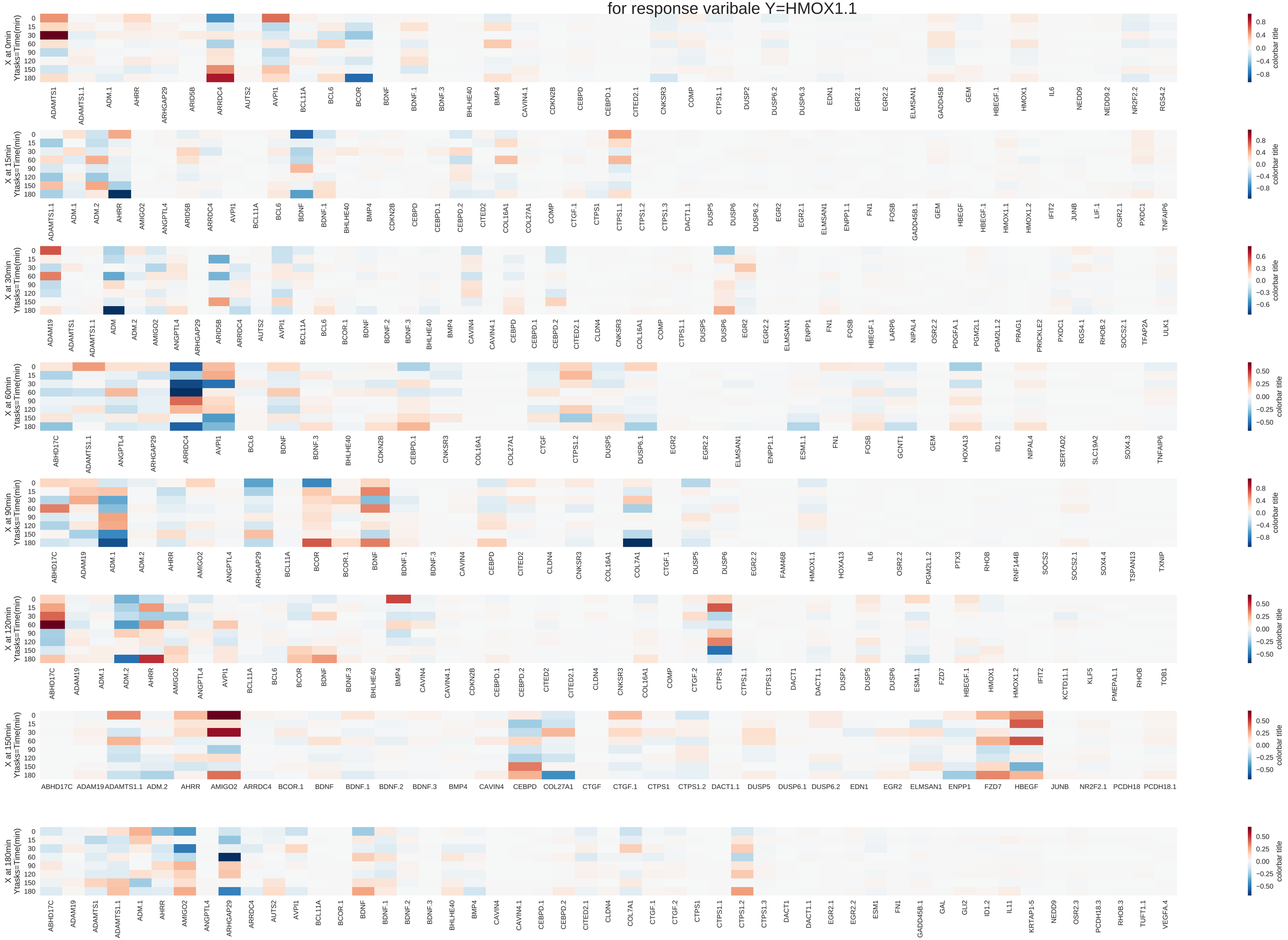
# Coefficients from multi-task LASSO regression for response varibale Y=HES1.1



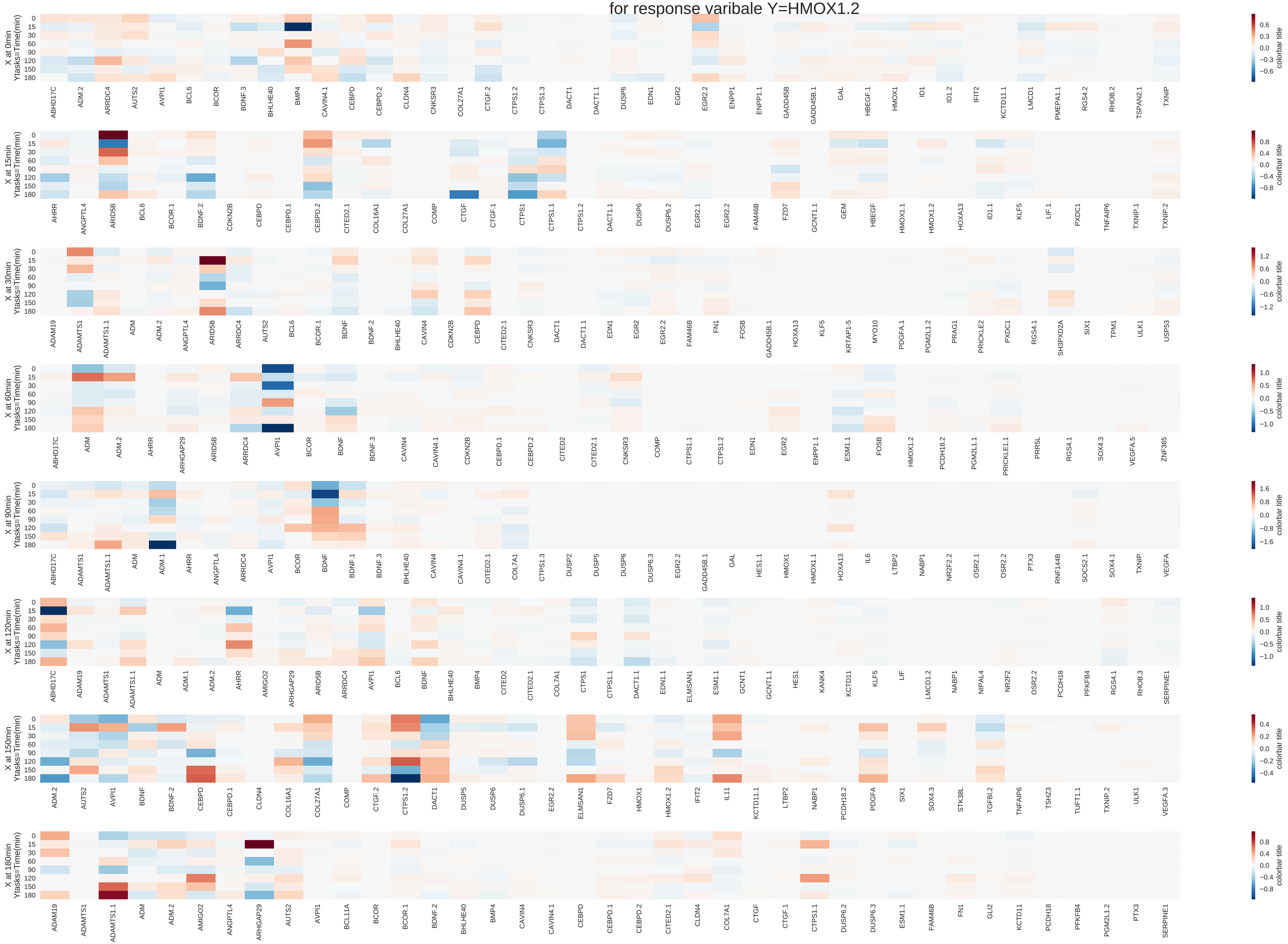
# Coefficients from multi-task LASSO regression for response varibale Y=HMOX1



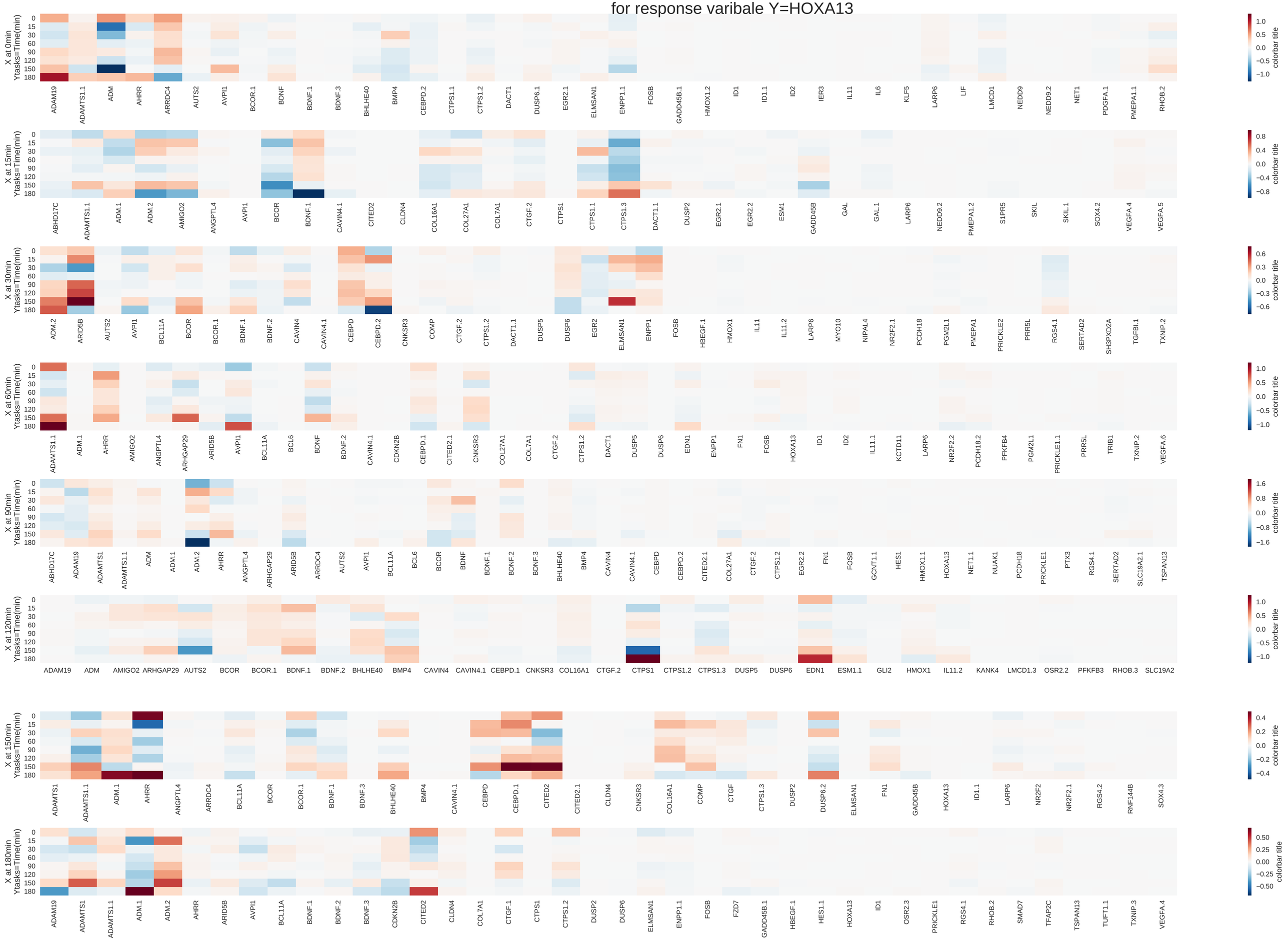
# Coefficients from multi-task LASSO regression for response varibale Y=HMOX1.1



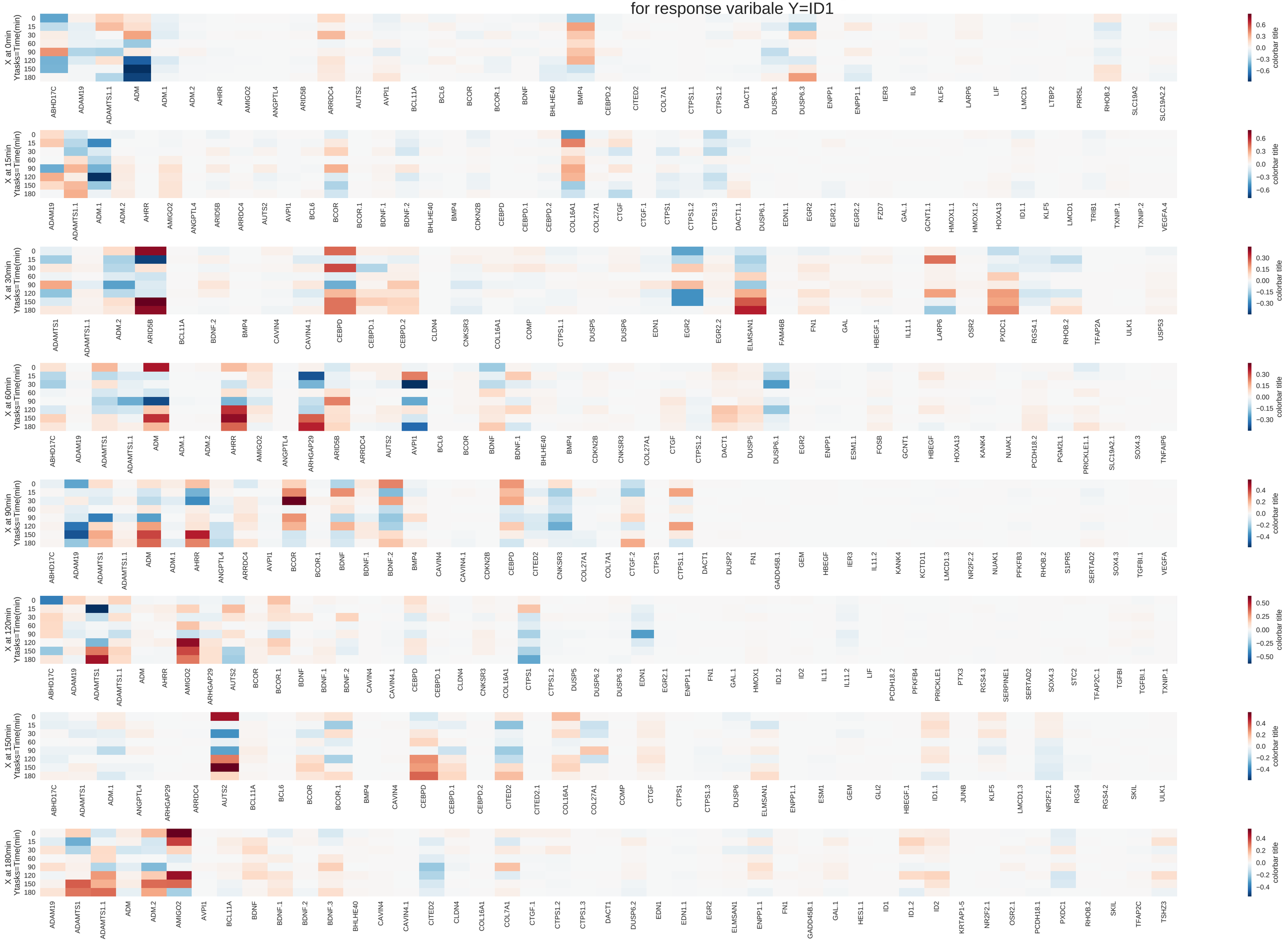
# Coefficients from multi-task LASSO regression for response varibale Y=HMOX1.2



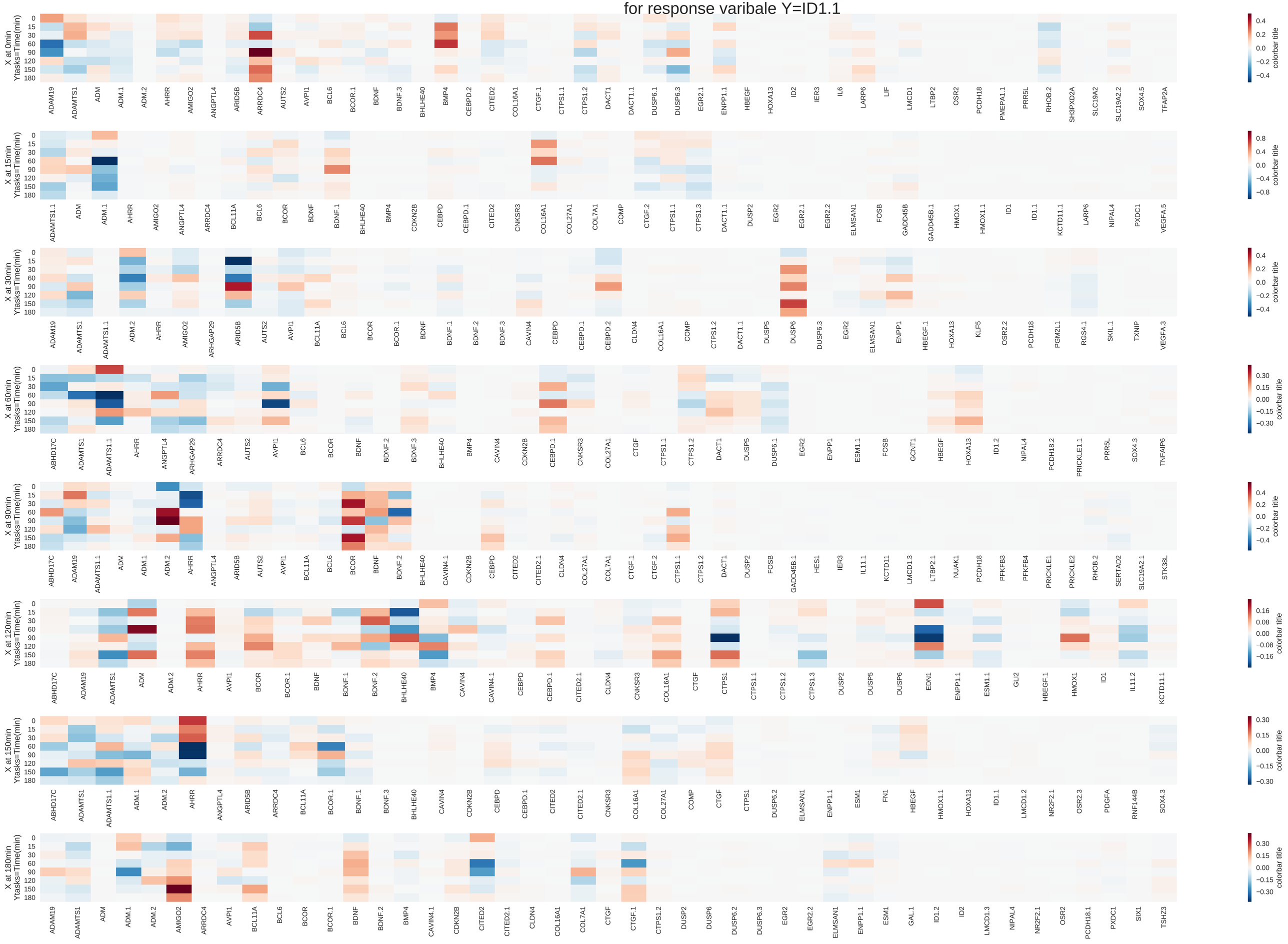
# Coefficients from multi-task LASSO regression for response varibale Y=HOXA13



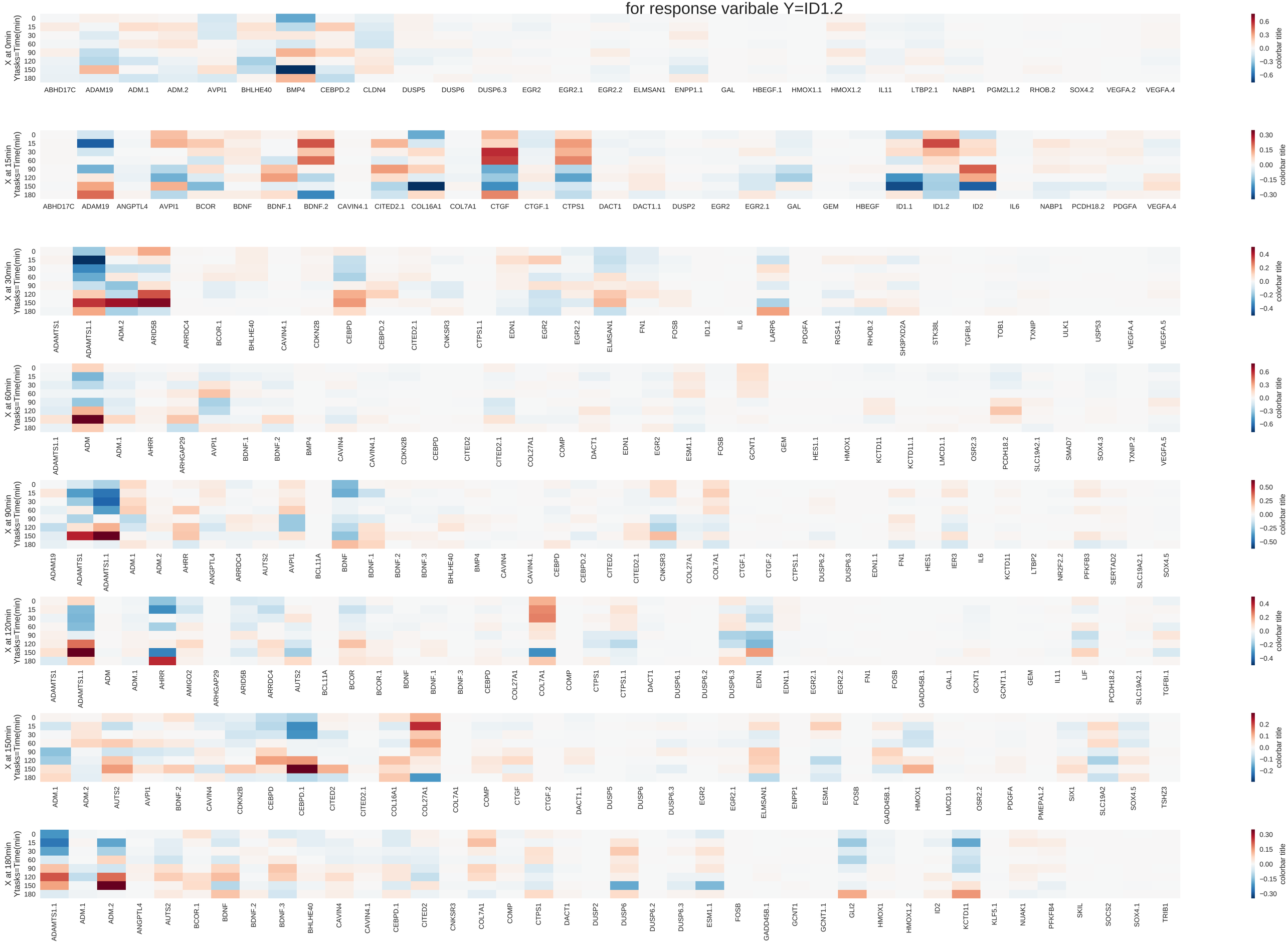
# Coefficients from multi-task LASSO regression for response varibale Y=ID1



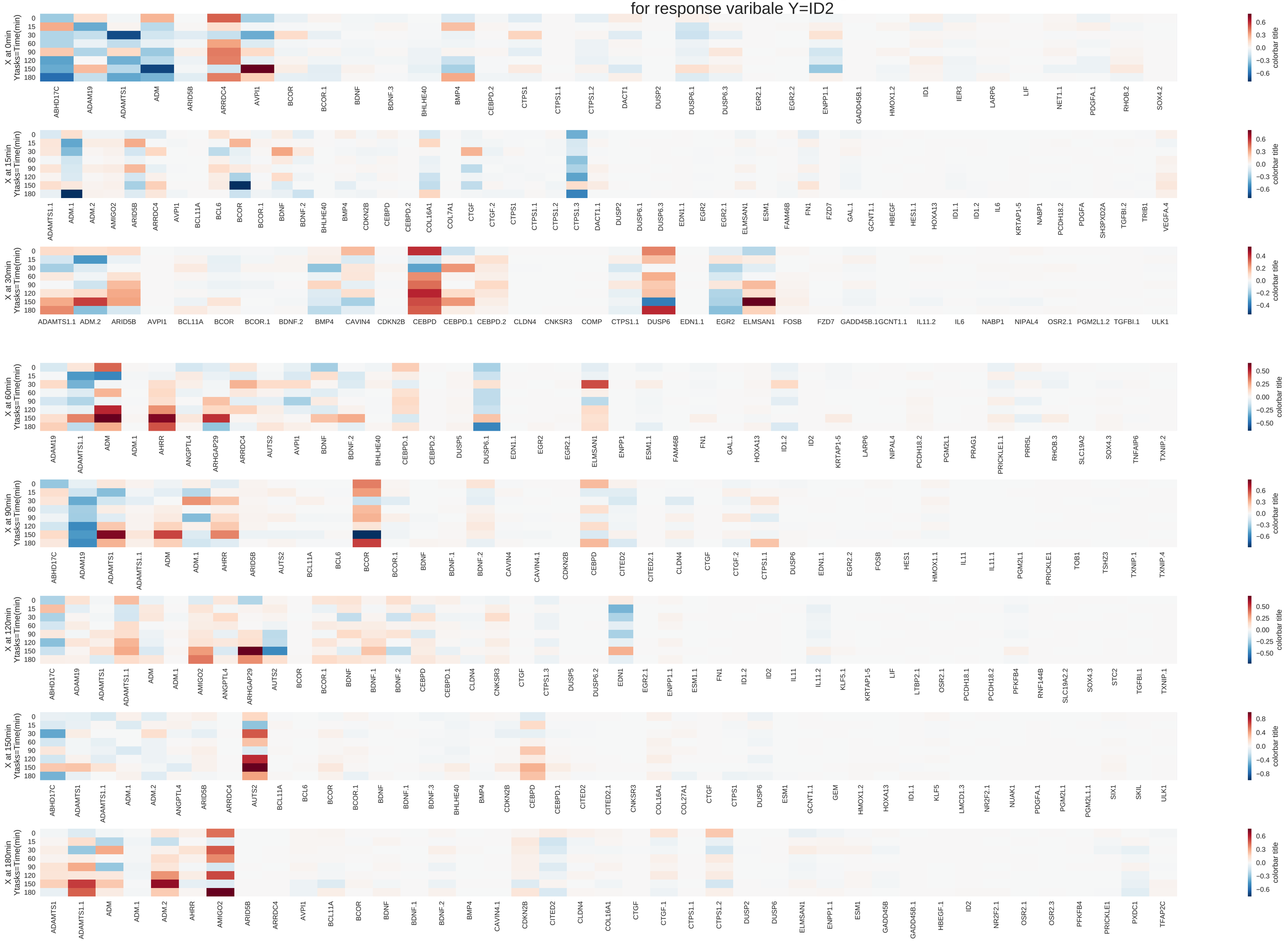
# Coefficients from multi-task LASSO regression for response varibale Y=ID1.1



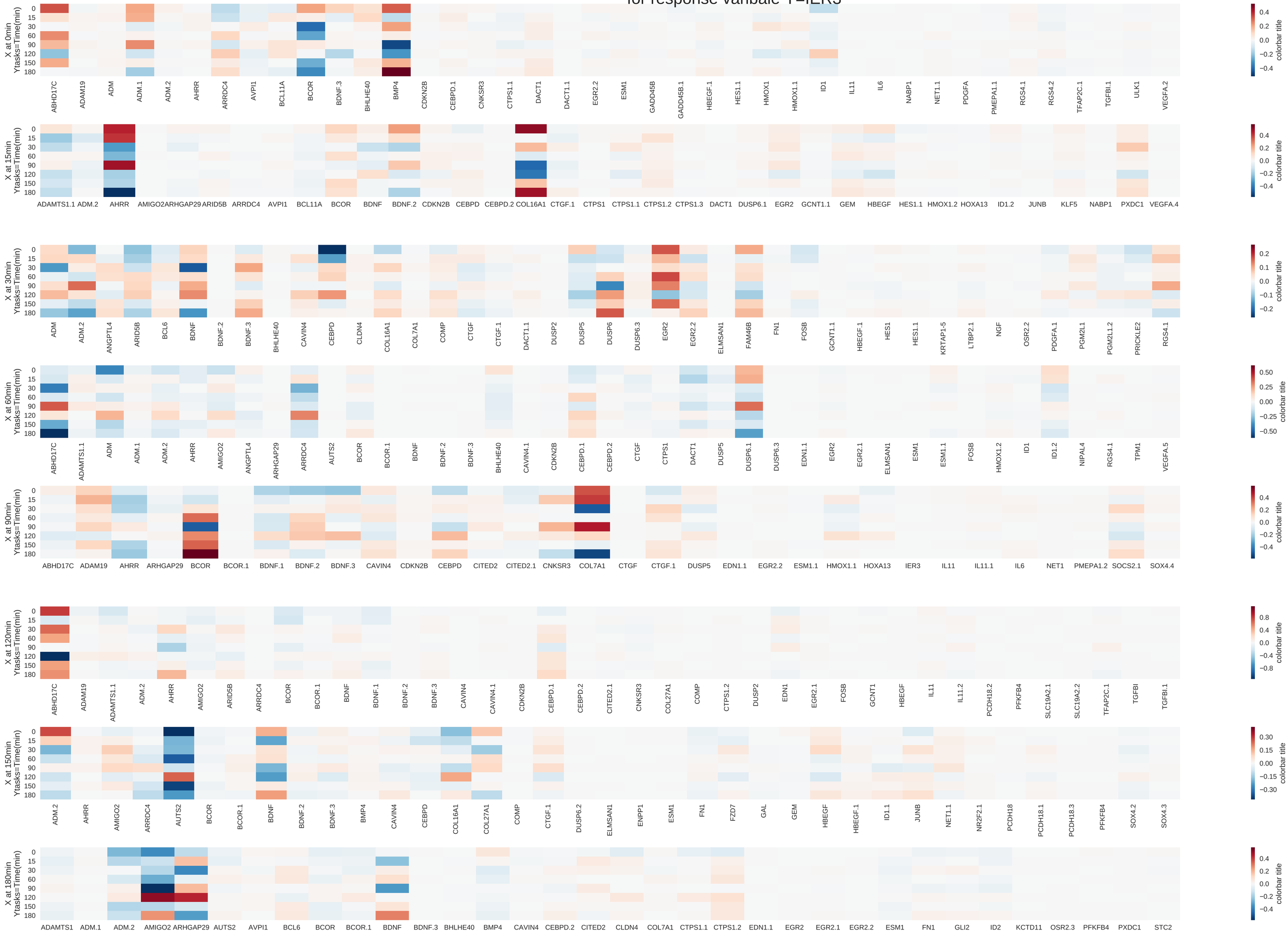
# Coefficients from multi-task LASSO regression for response varibale Y=ID1.2



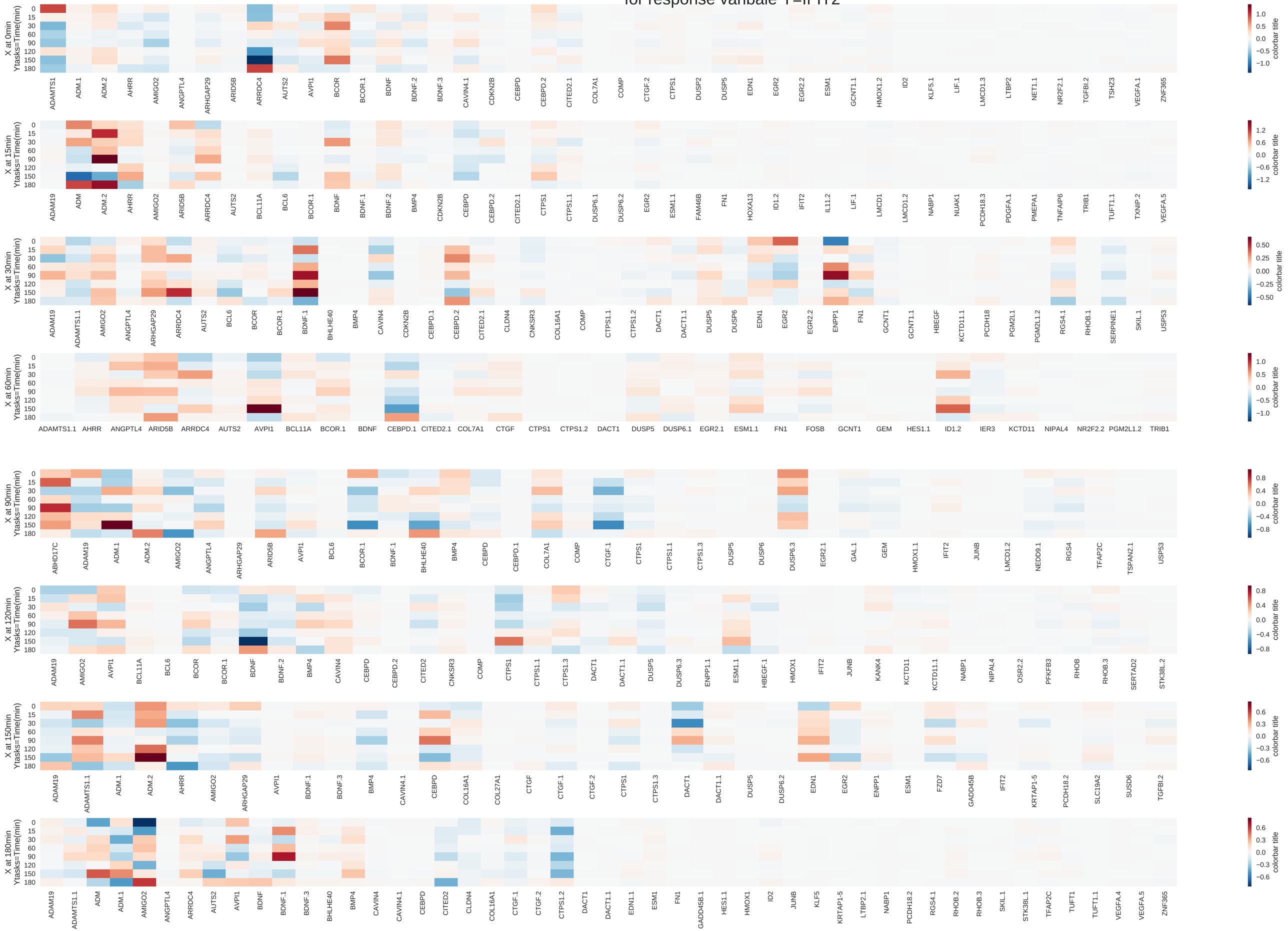
# Coefficients from multi-task LASSO regression for response varibale Y=ID2



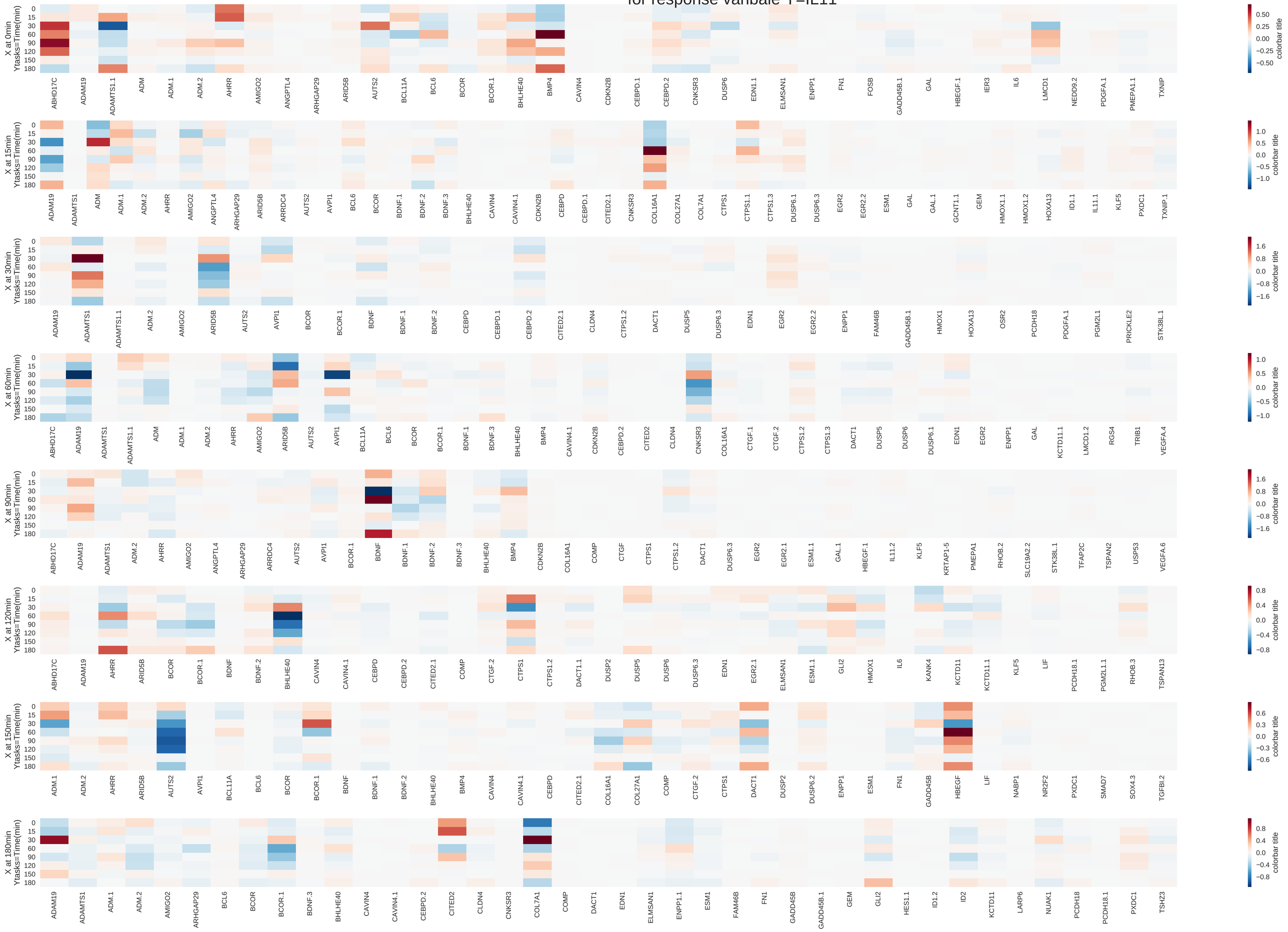
# Coefficients from multi-task LASSO regression for response varibale Y=IER3



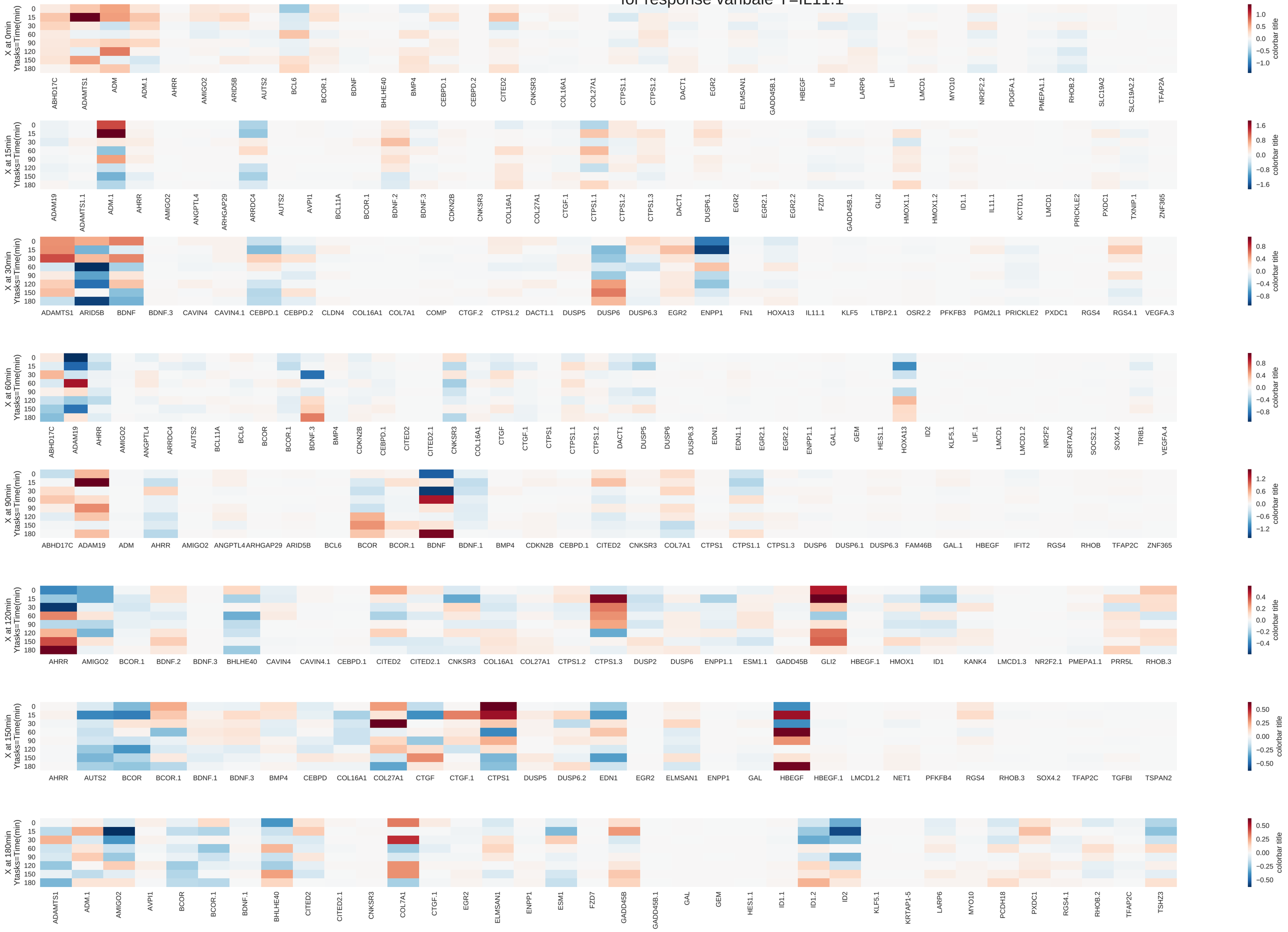
# Coefficients from multi-task LASSO regression for response varibale Y=IFIT2



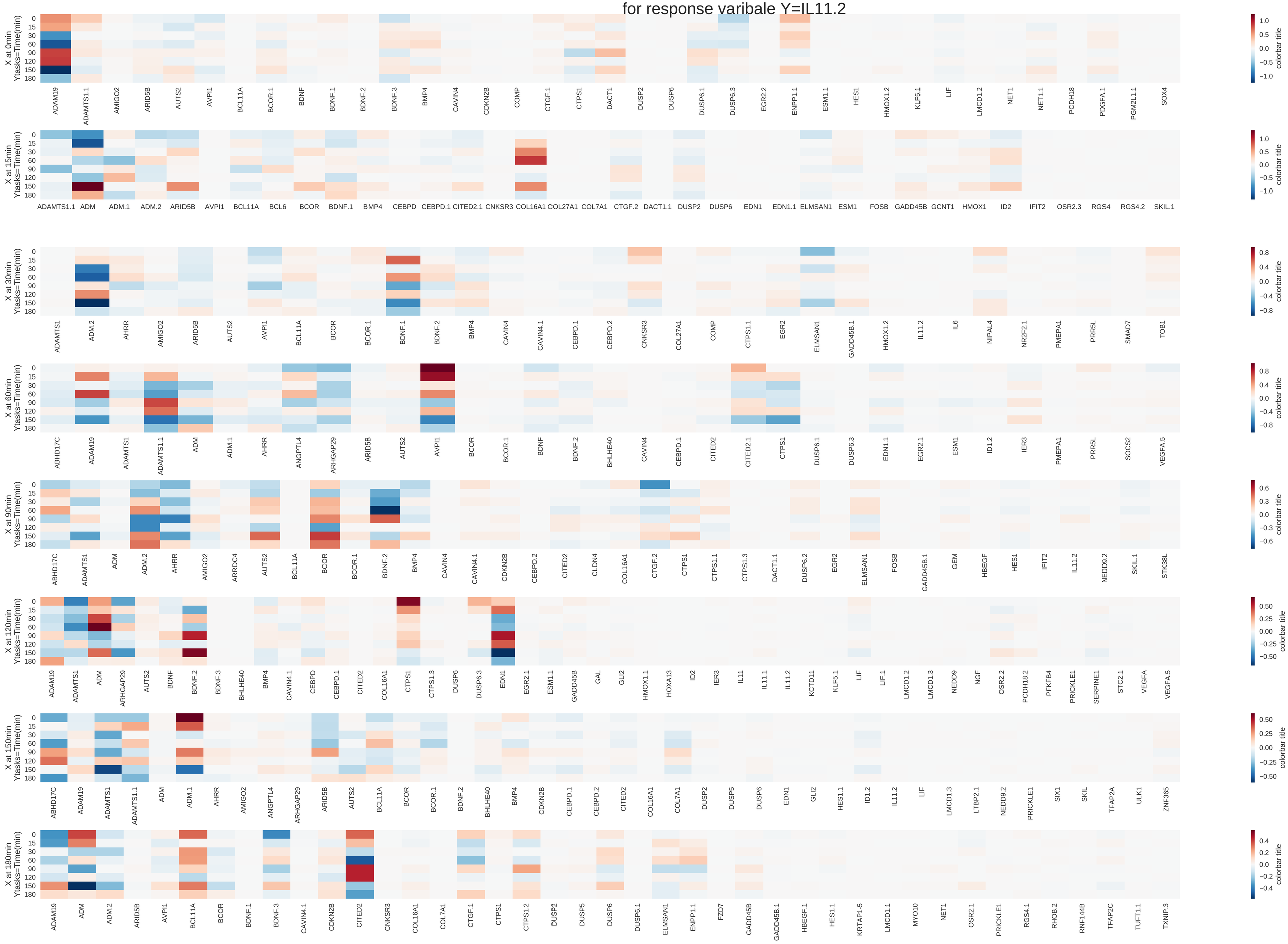
# Coefficients from multi-task LASSO regression for response varibale Y=IL11



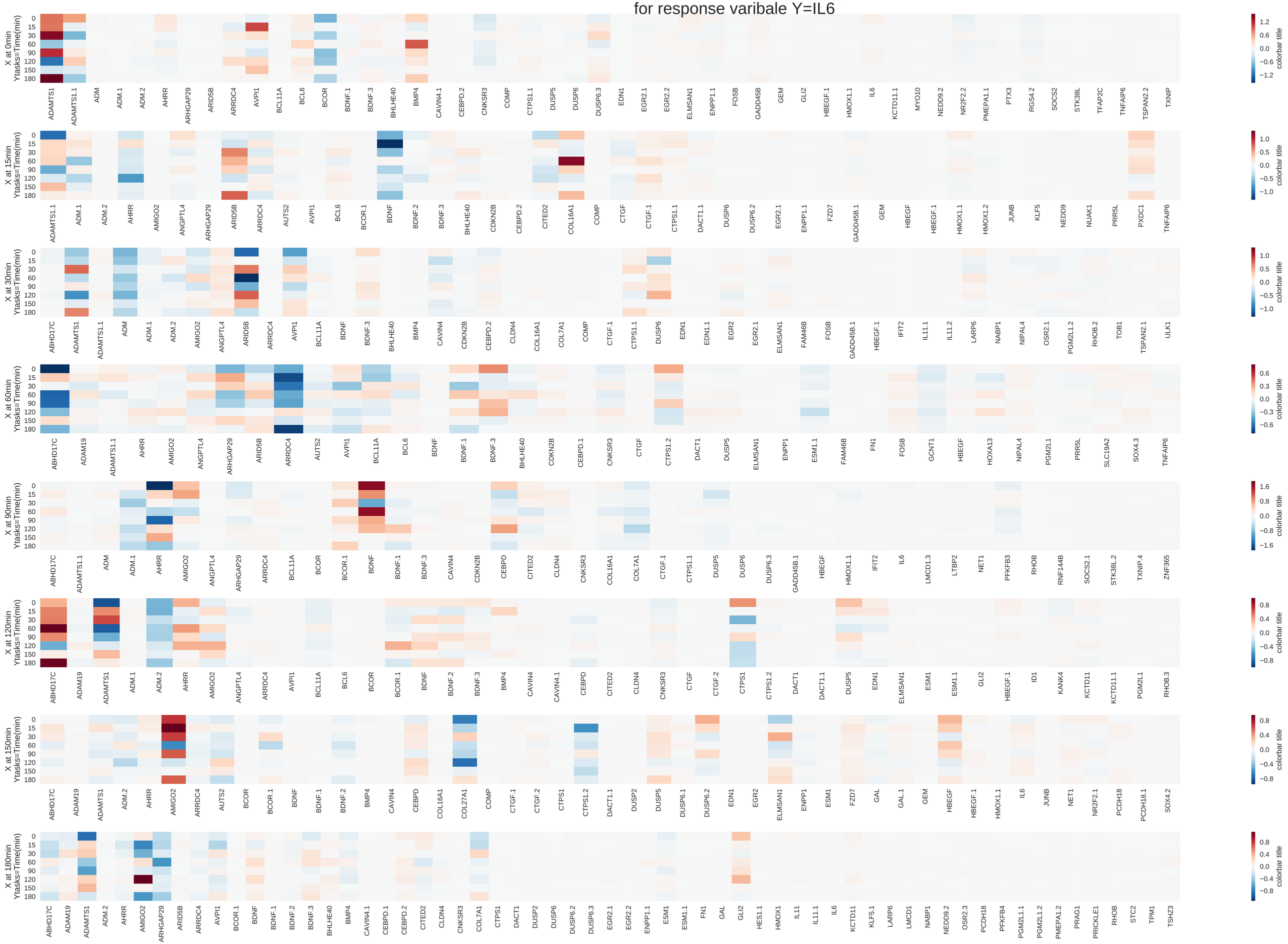
# Coefficients from multi-task LASSO regression for response varibale Y=IL11.1



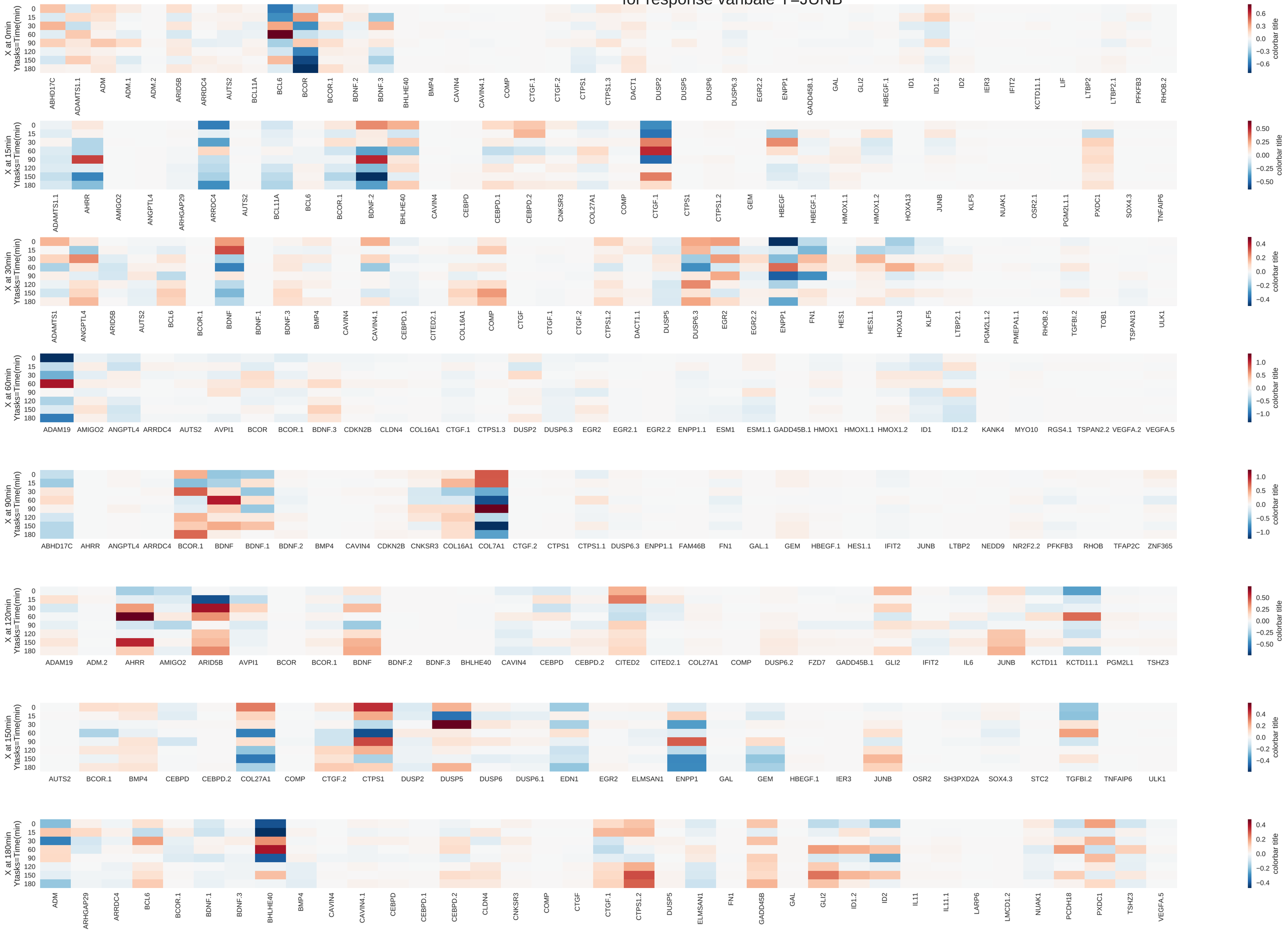
# Coefficients from multi-task LASSO regression for response varibale Y=IL11.2



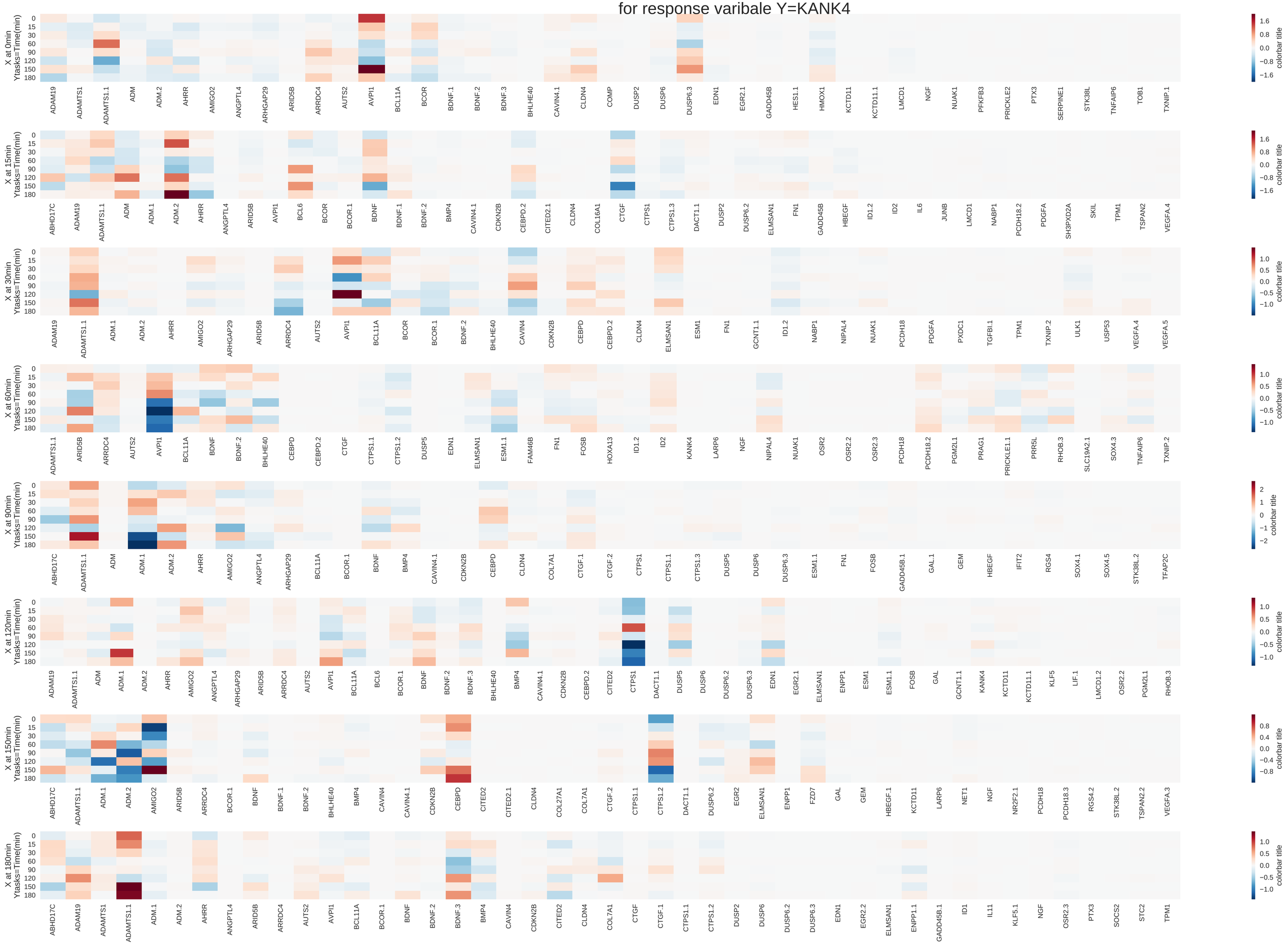
# Coefficients from multi-task LASSO regression for response varibale Y=IL6



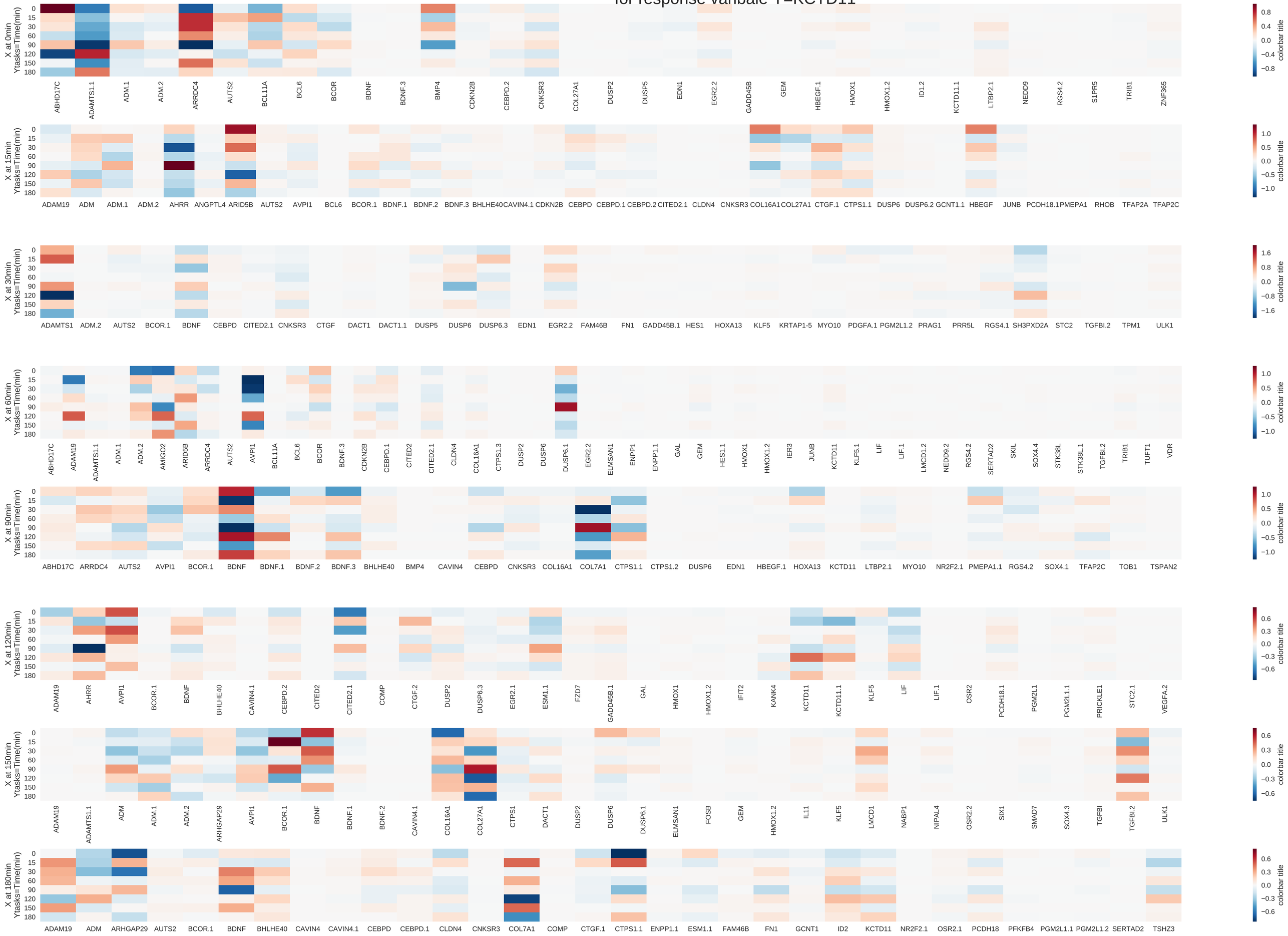
# Coefficients from multi-task LASSO regression for response varibale Y=JUNB



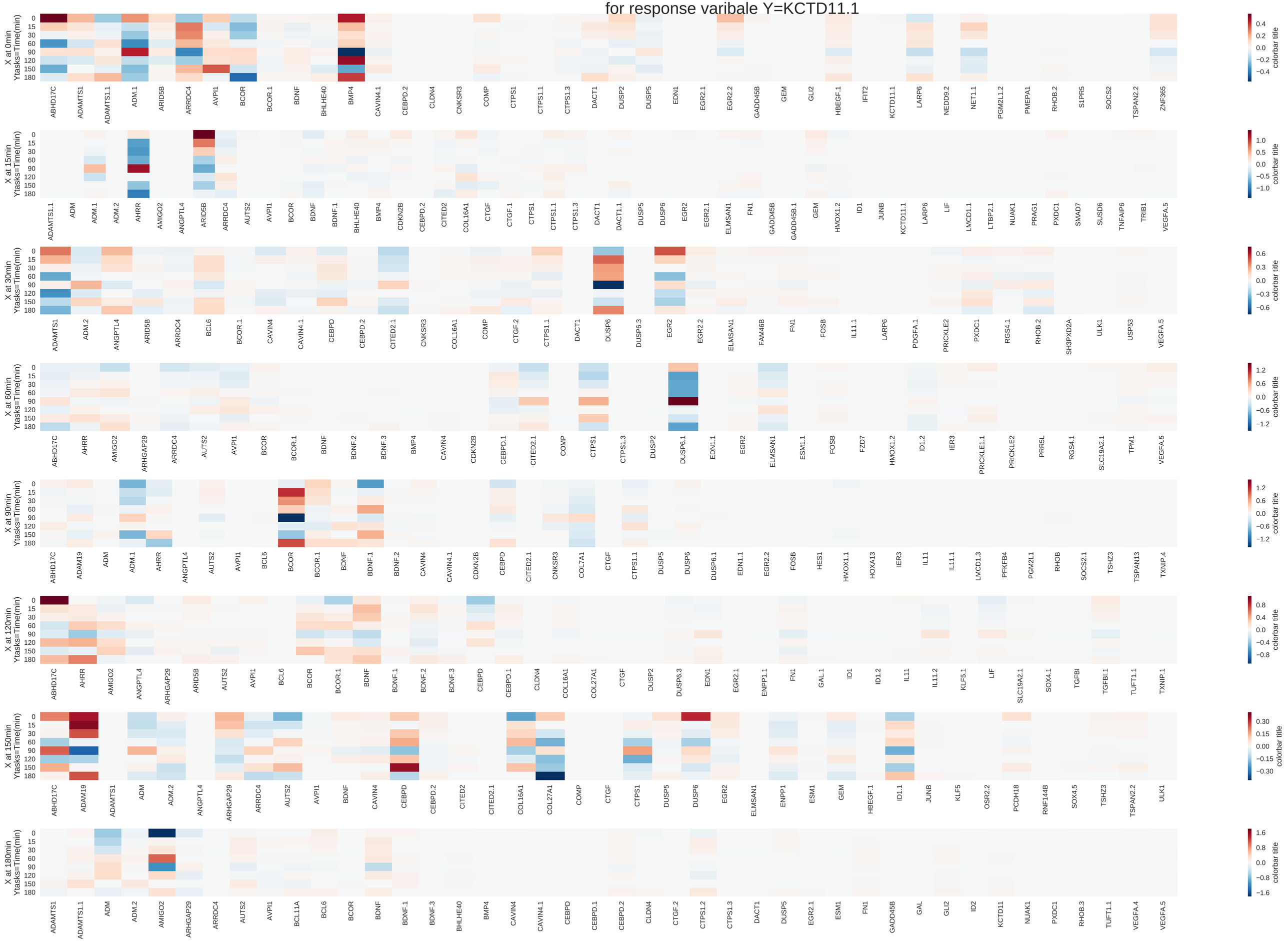
# Coefficients from multi-task LASSO regression for response varibale Y=KANK4



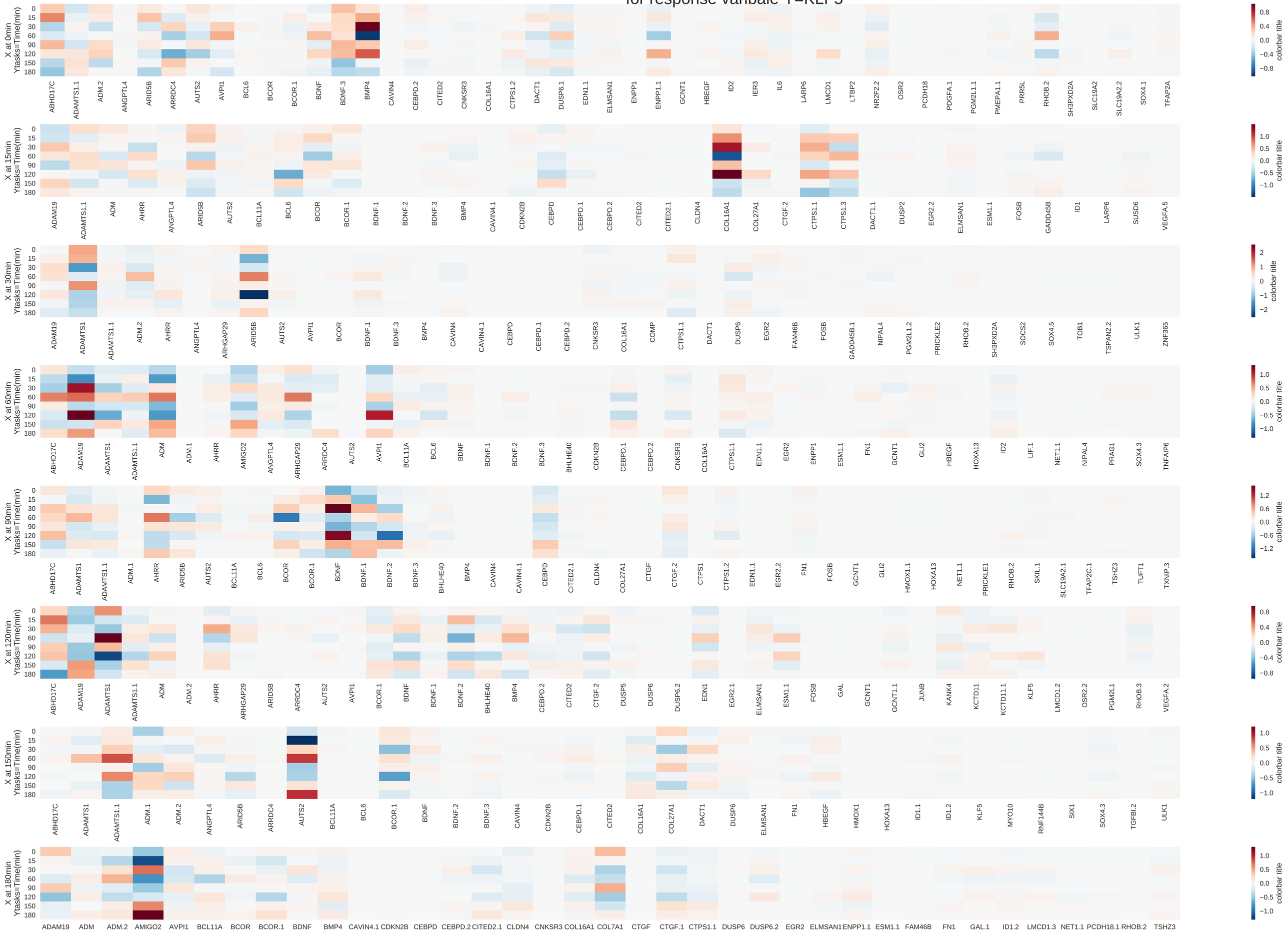
# Coefficients from multi-task LASSO regression for response varibale Y=KCTD11



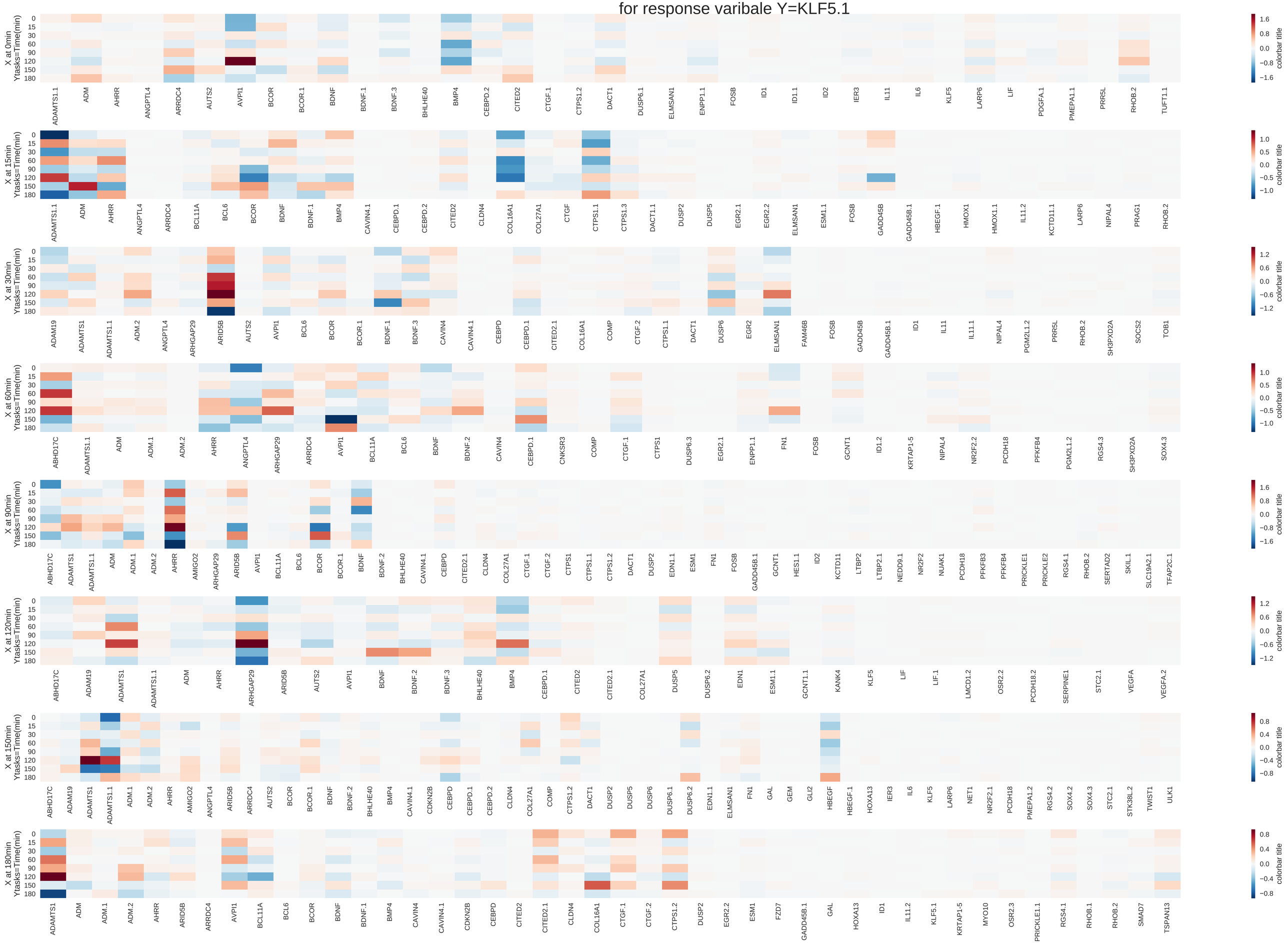
# Coefficients from multi-task LASSO regression for response varibale Y=KCTD11.1



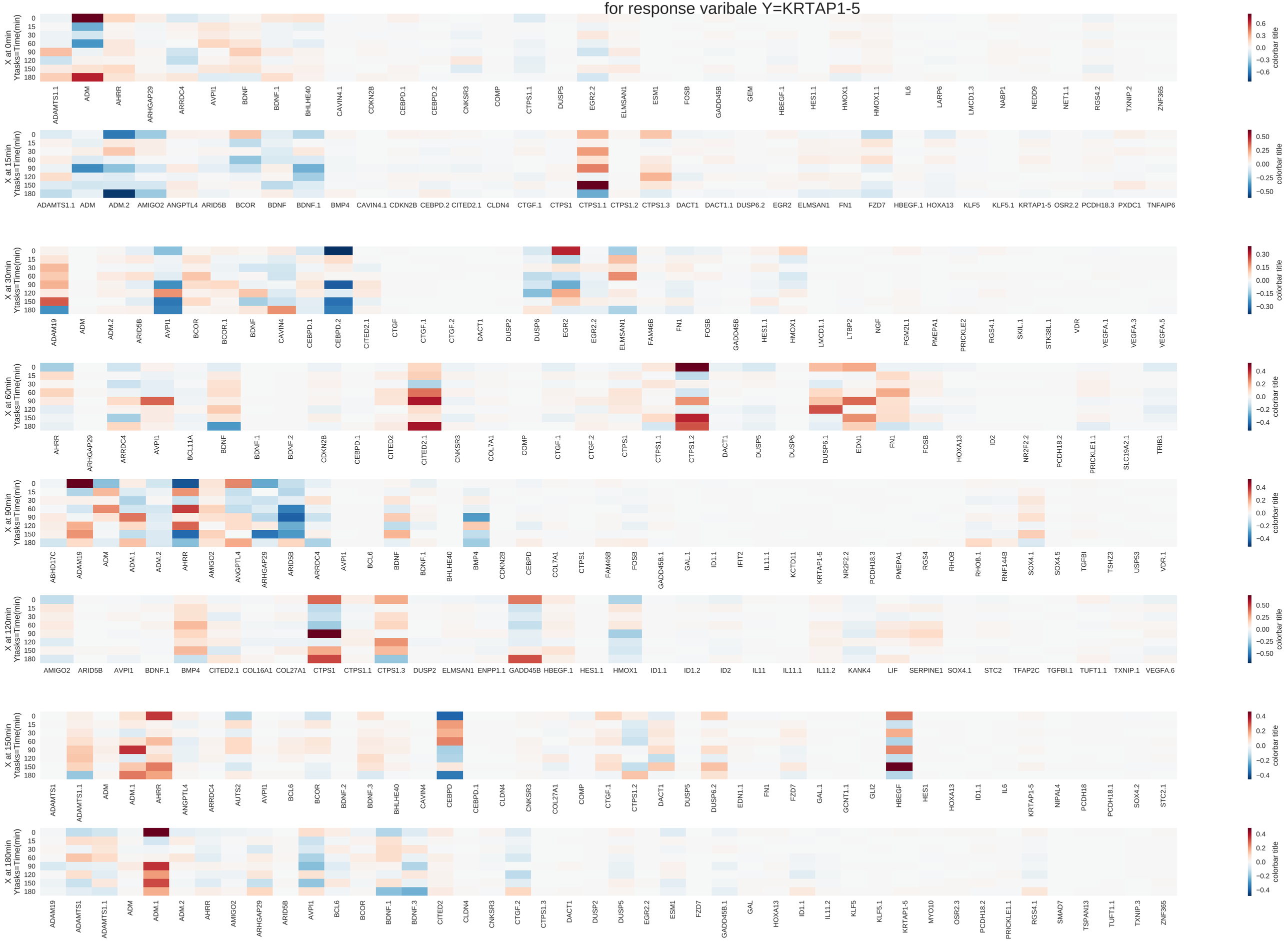
# Coefficients from multi-task LASSO regression for response varibale Y=KLF5



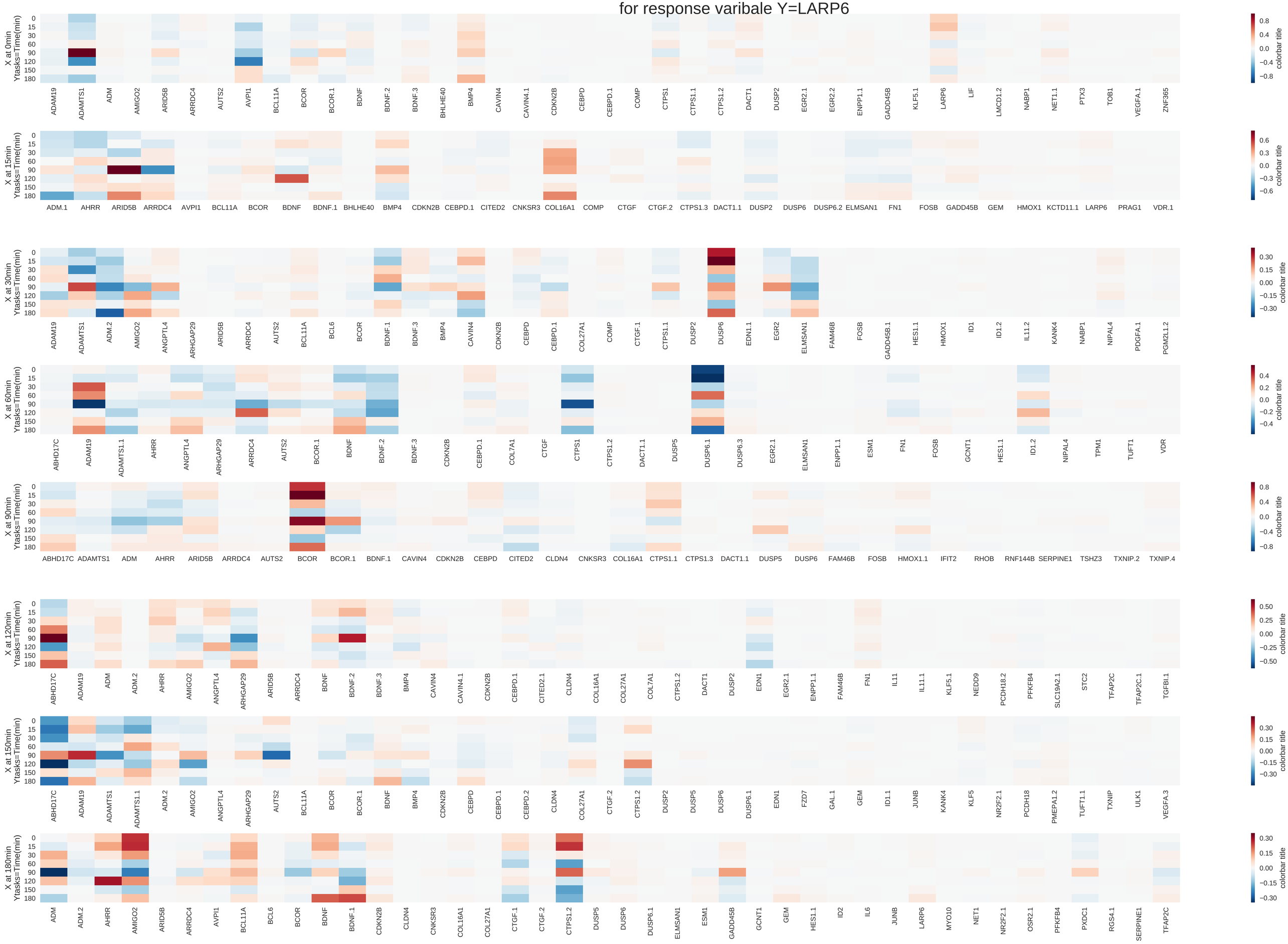
# Coefficients from multi-task LASSO regression for response varibale Y=KLF5.1



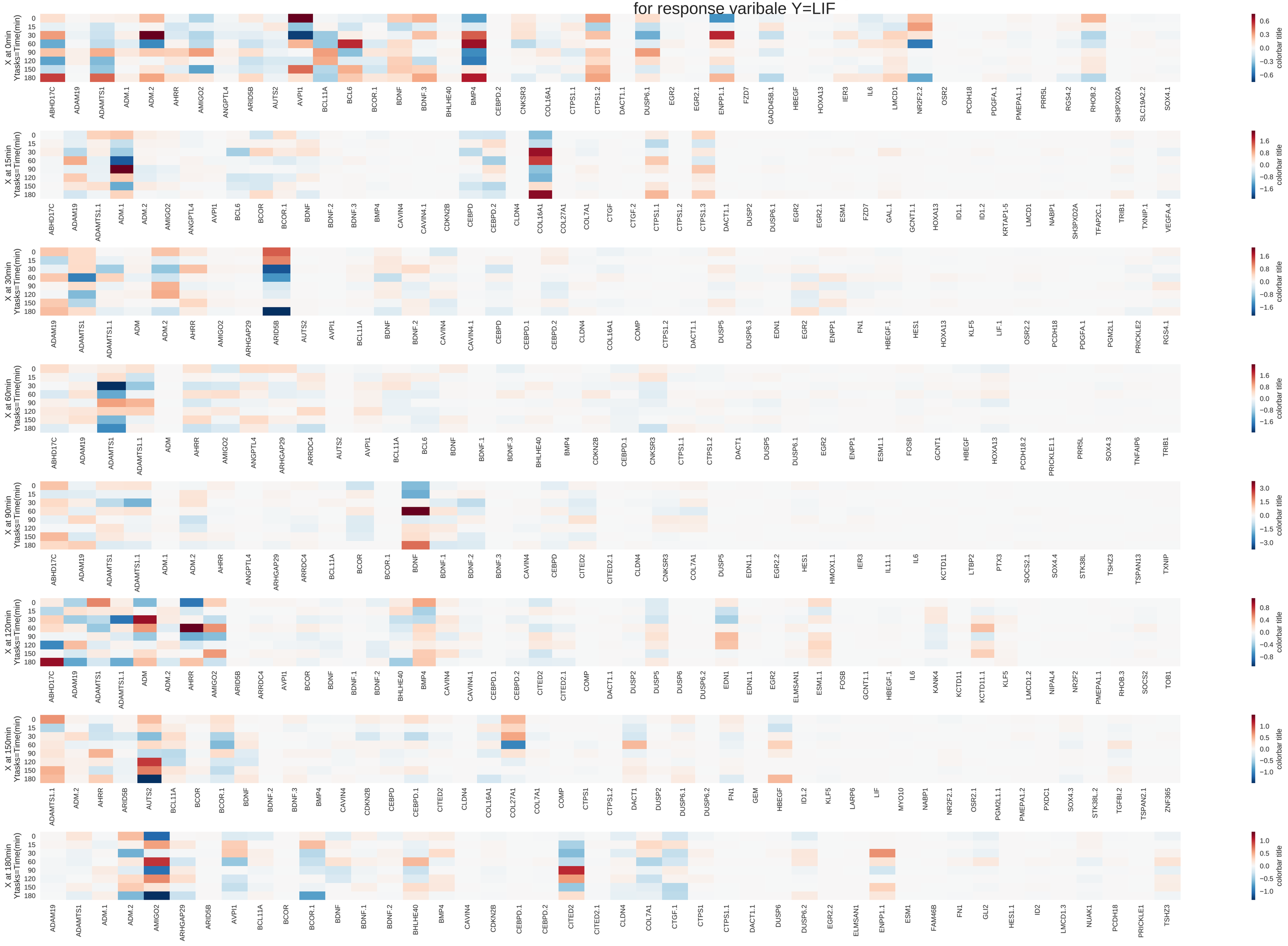
# Coefficients from multi-task LASSO regression for response varibale Y=KRTAP1-5



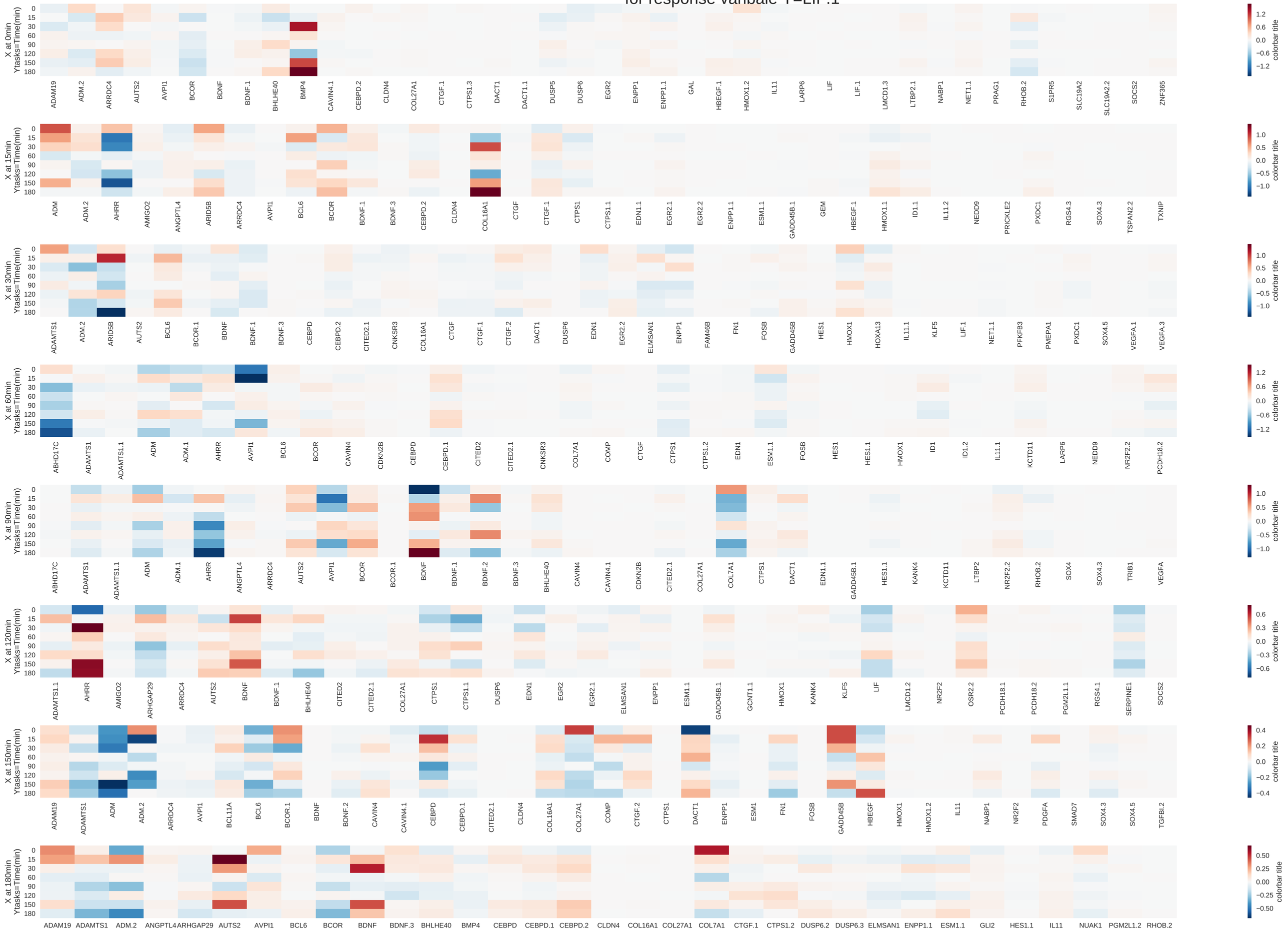
# Coefficients from multi-task LASSO regression for response varibale Y=LARP6



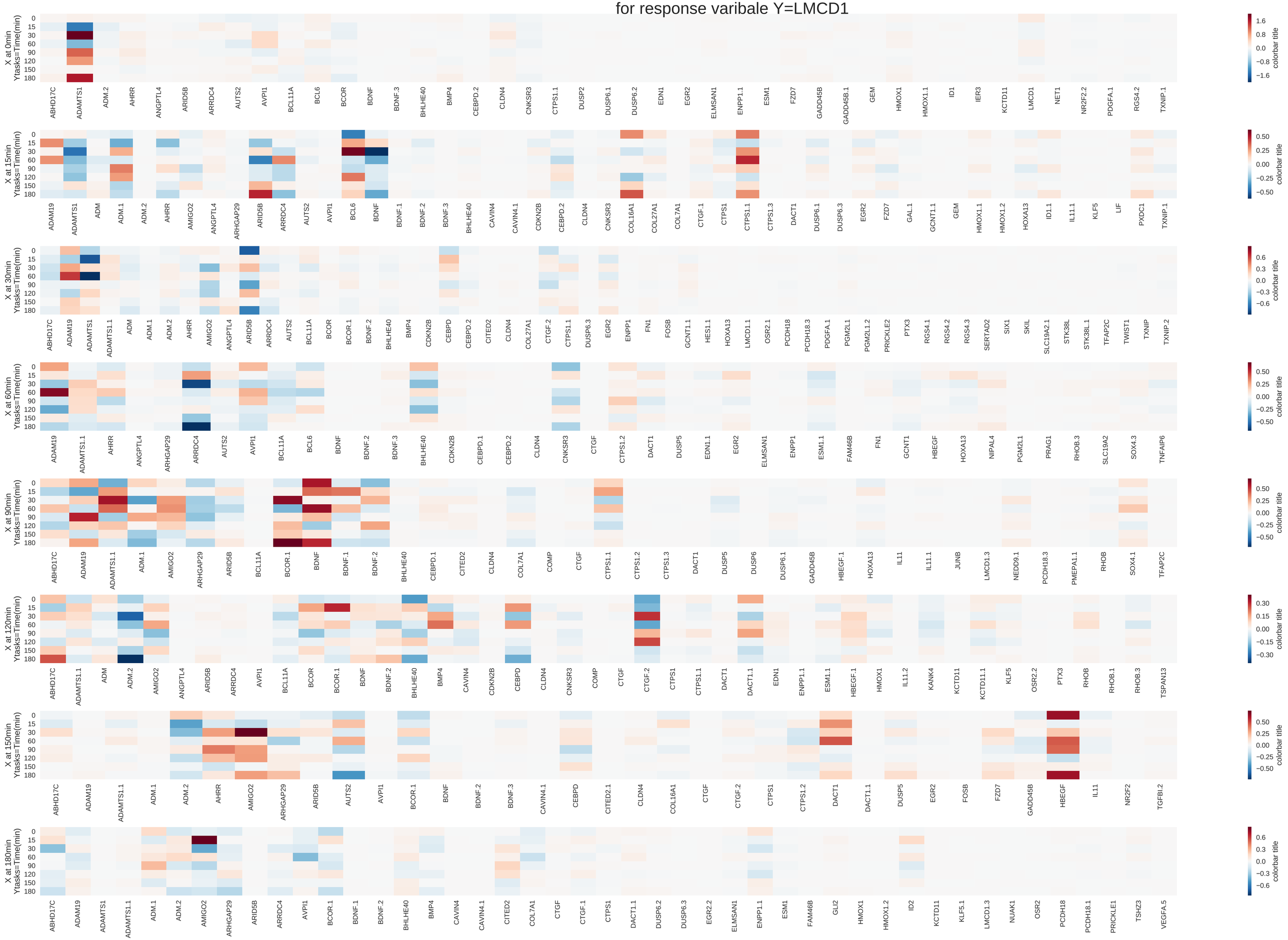
# Coefficients from multi-task LASSO regression for response varibale Y=LIF



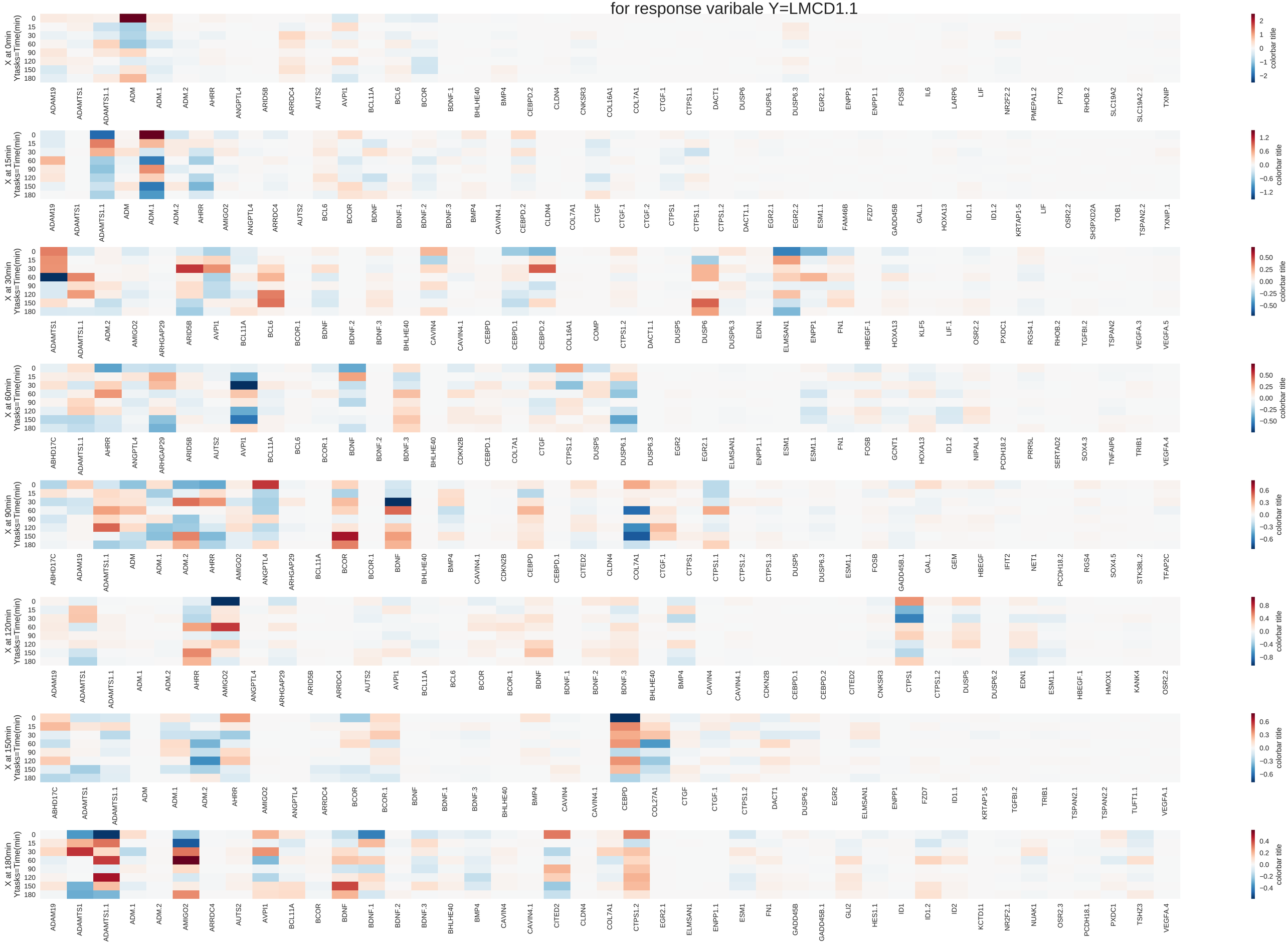
# Coefficients from multi-task LASSO regression for response varibale Y=LIF.1



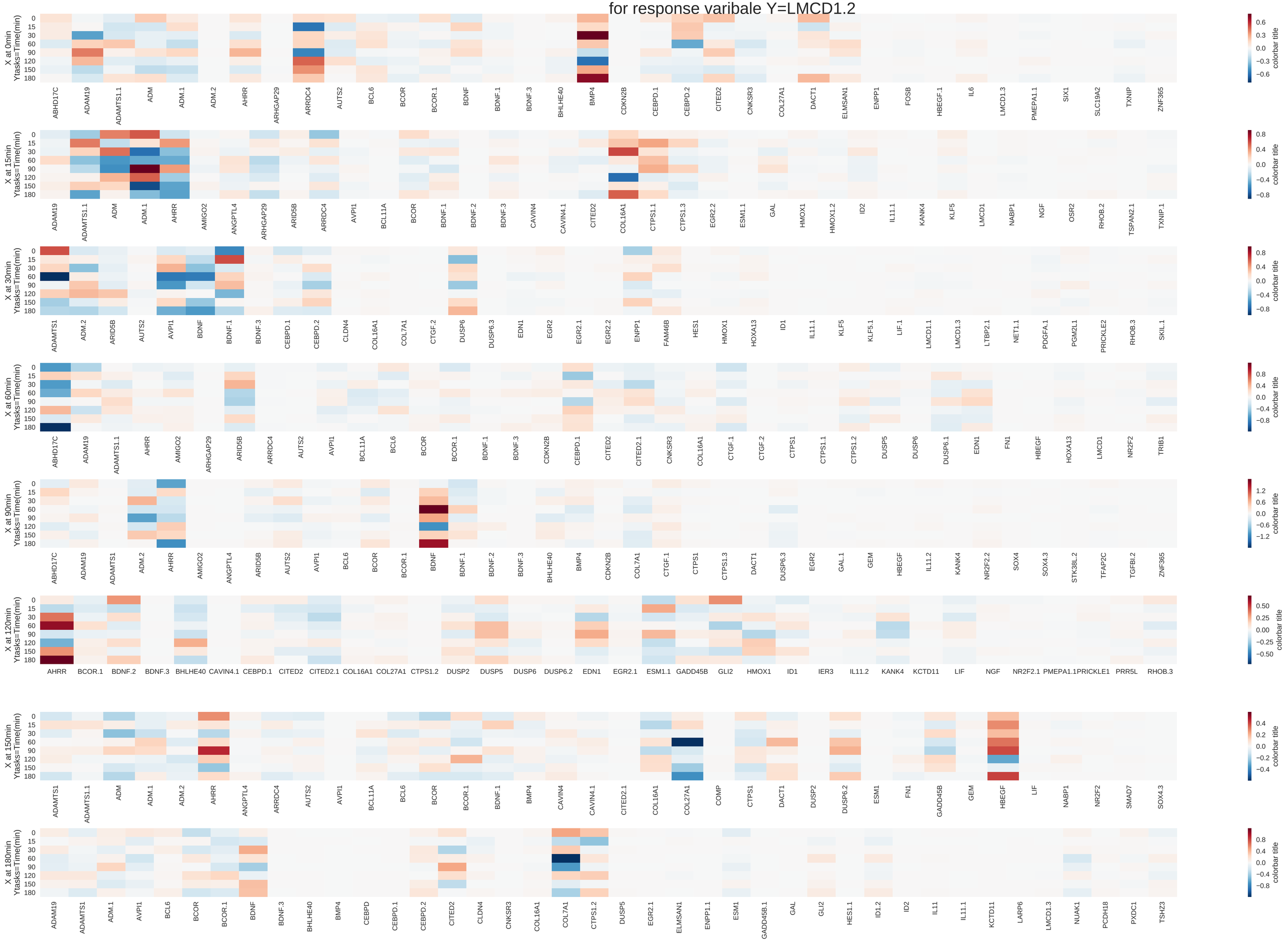
# Coefficients from multi-task LASSO regression for response varibale Y=LMCD1



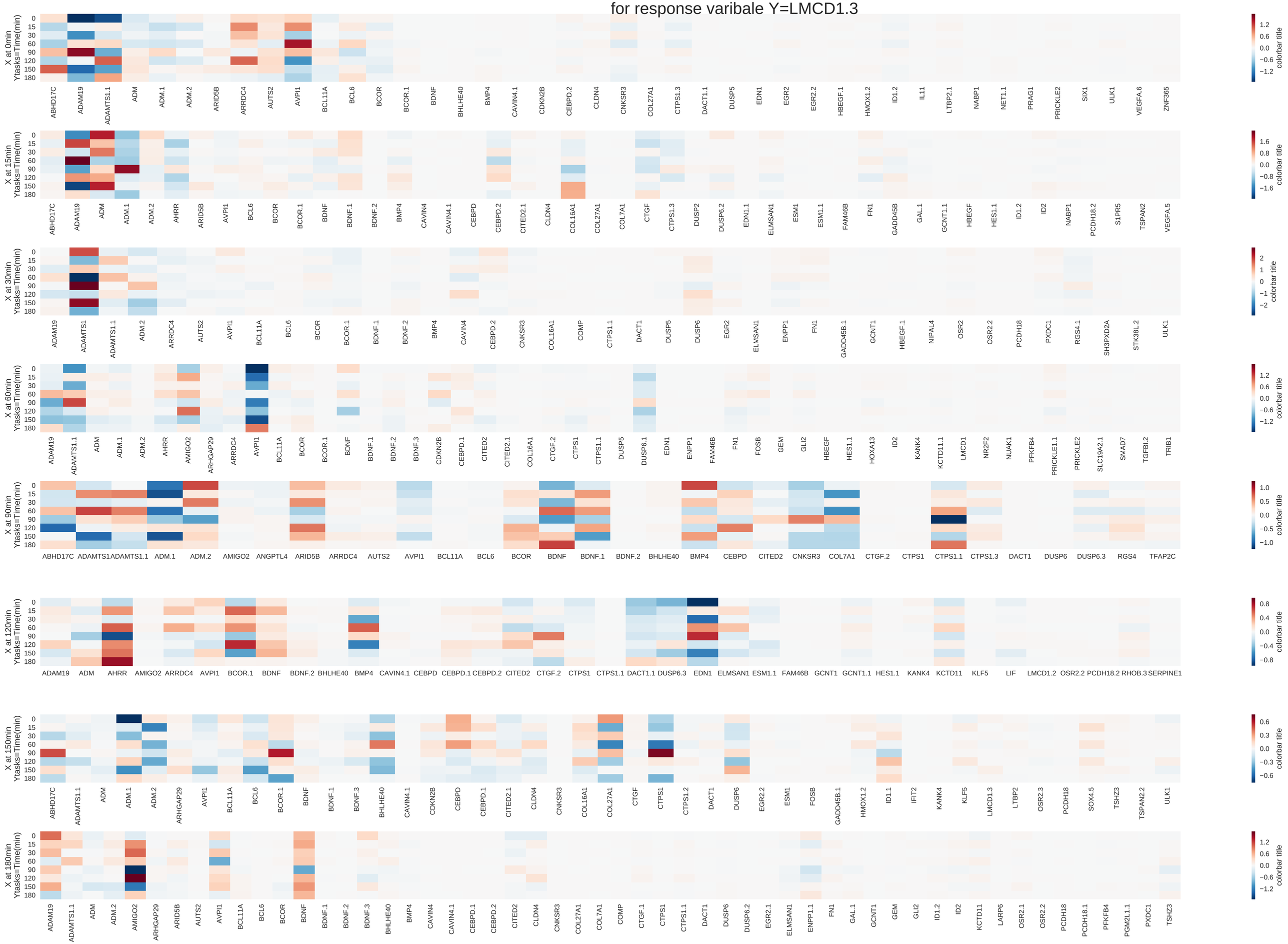
# Coefficients from multi-task LASSO regression for response varibale Y=LMCD1.1



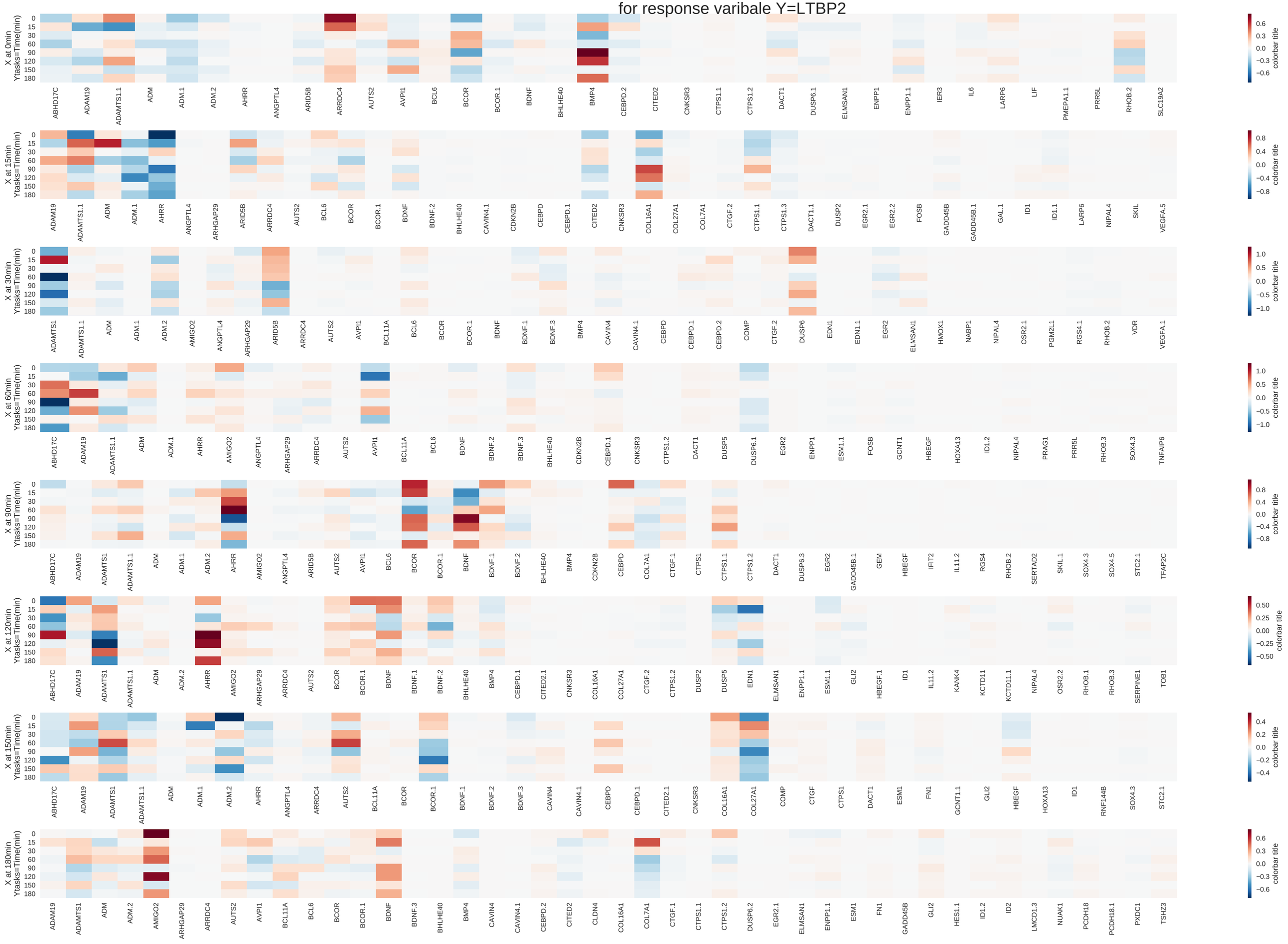
# Coefficients from multi-task LASSO regression for response varibale Y=LMCD1.2



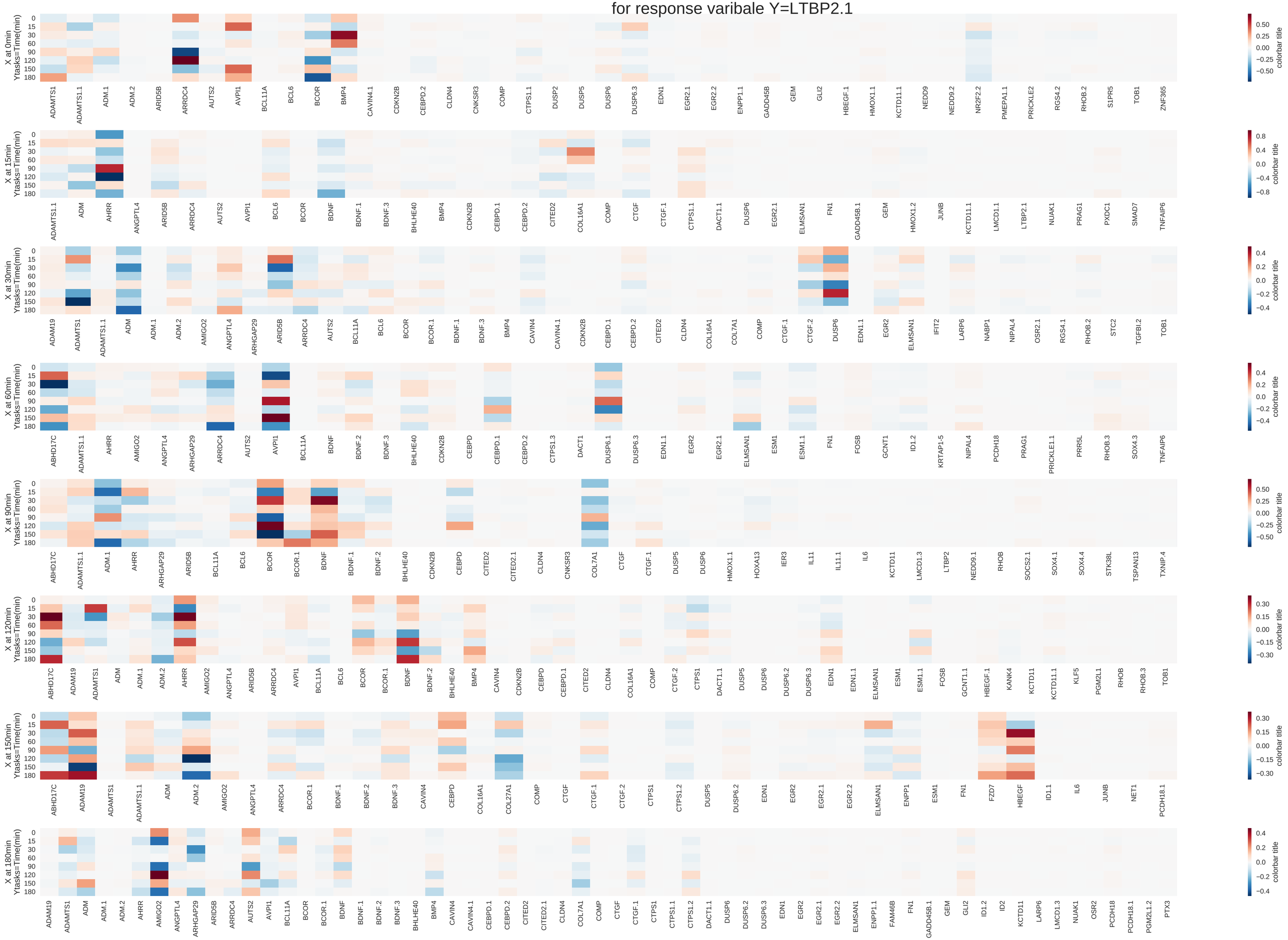
# Coefficients from multi-task LASSO regression for response varibale Y=LMCD1.3



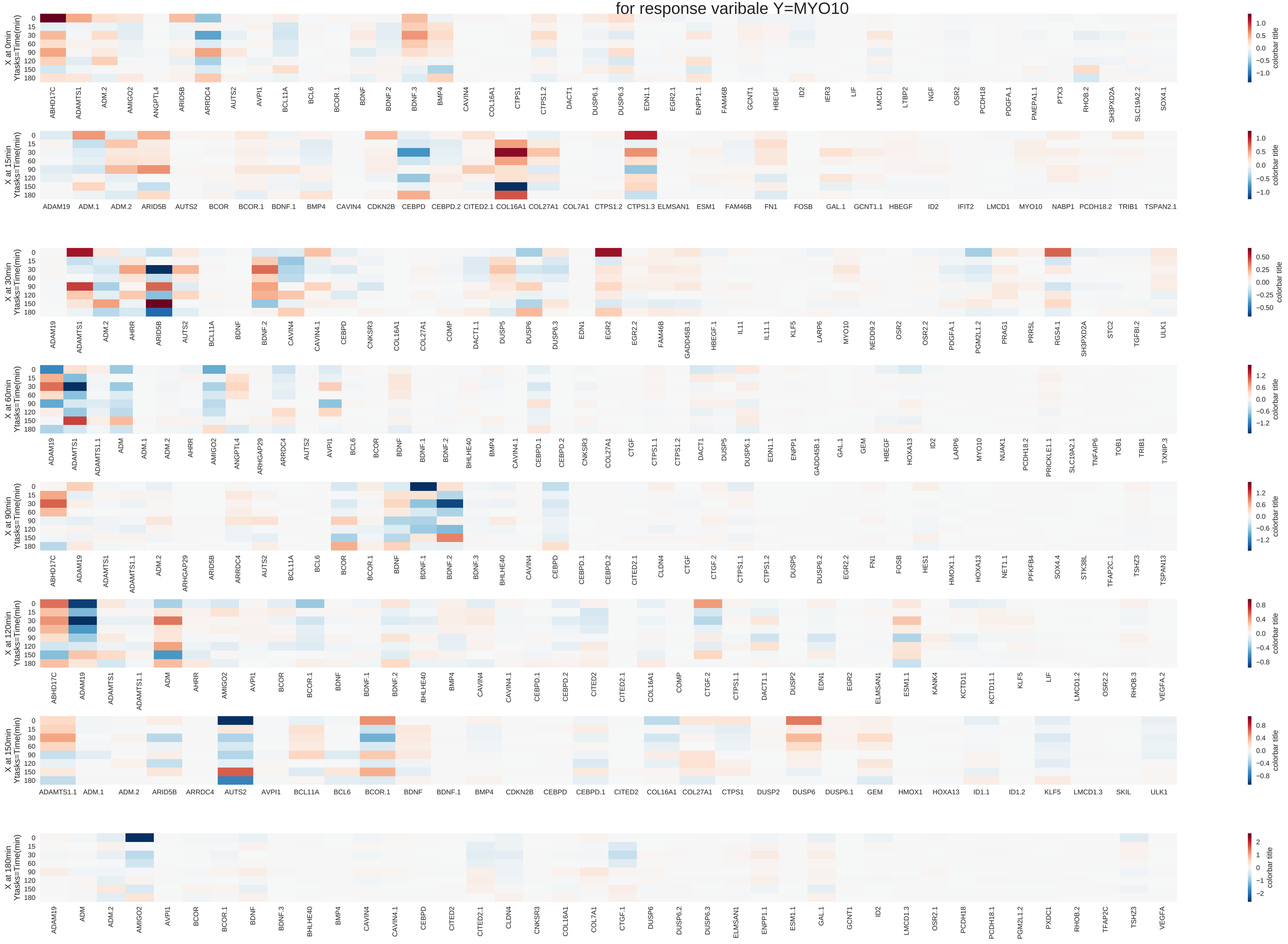
# Coefficients from multi-task LASSO regression for response varibale Y=LTBP2



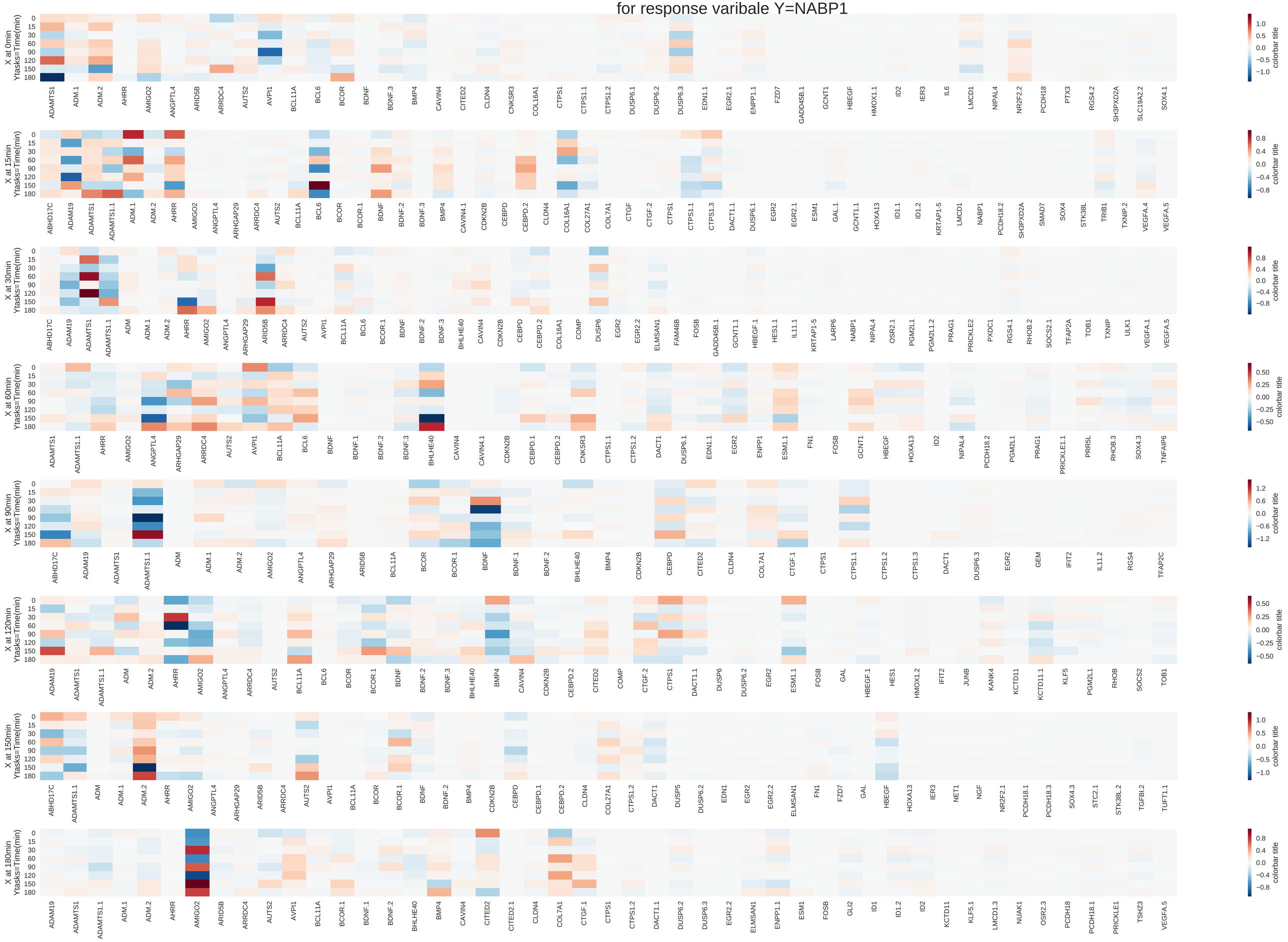
# Coefficients from multi-task LASSO regression for response varibale Y=LTBP2.1



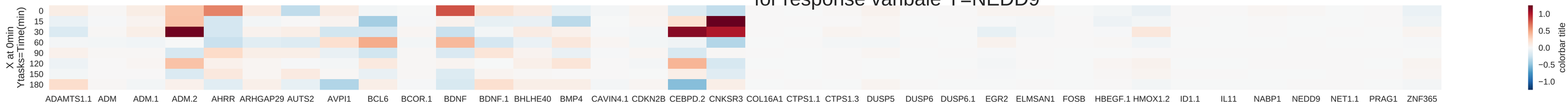
# Coefficients from multi-task LASSO regression for response varibale Y=MYO10

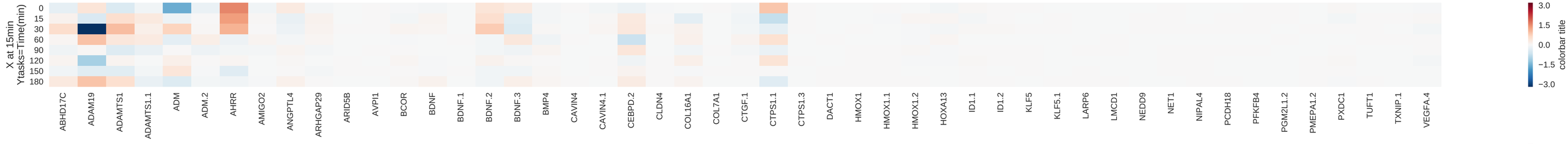


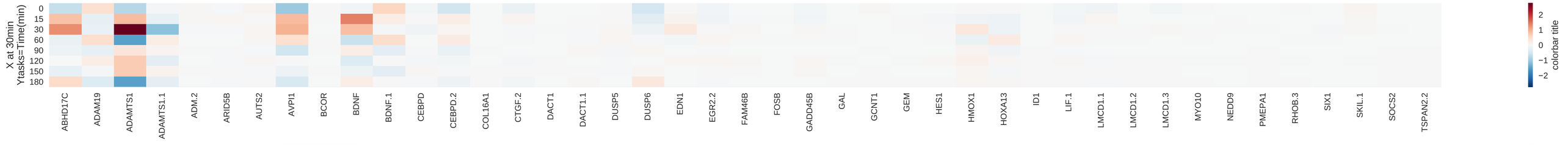
# Coefficients from multi-task LASSO regression for response varibale Y=NABP1

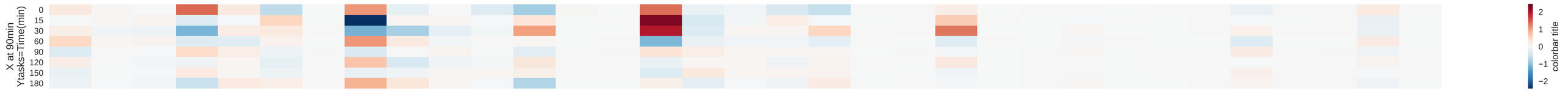


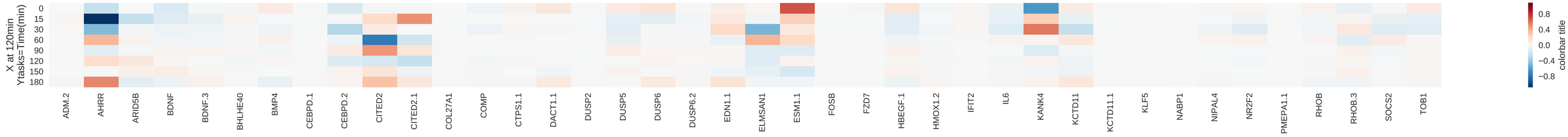
# Coefficients from multi-task LASSO regression for response varibale Y=NEDD9

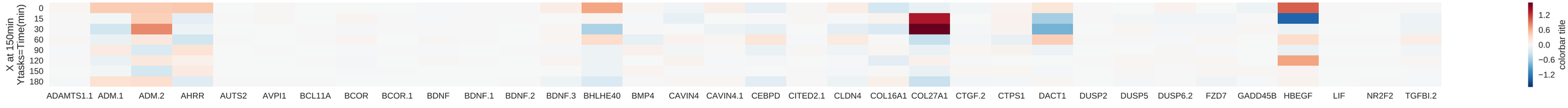


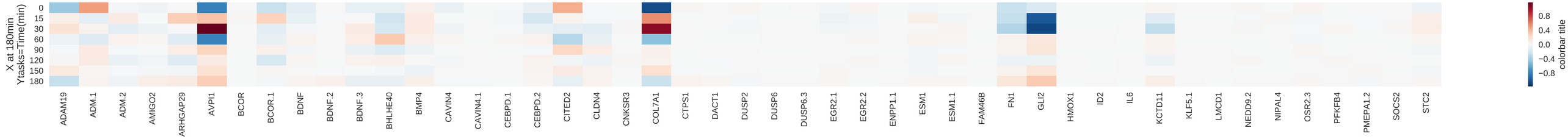



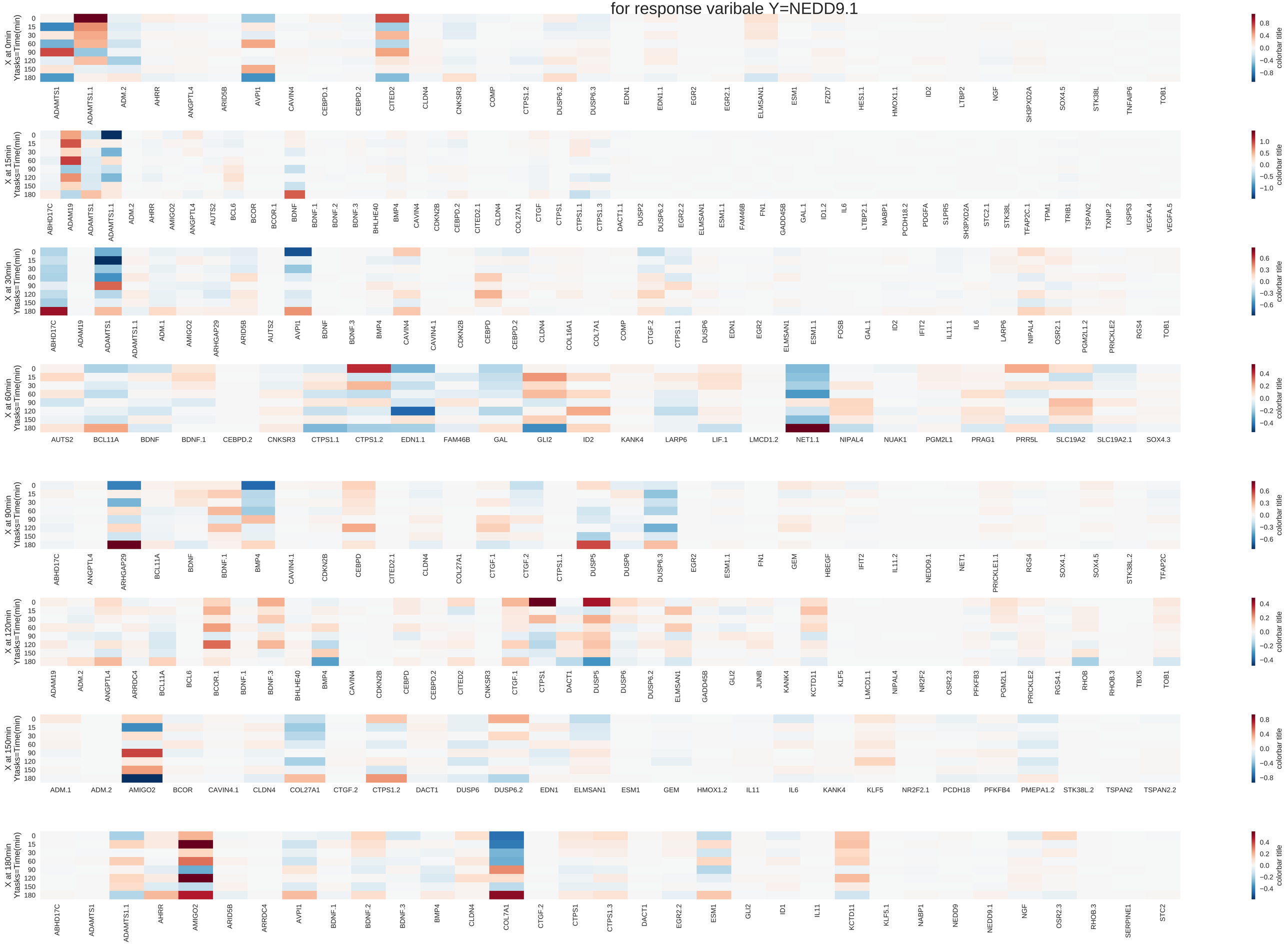


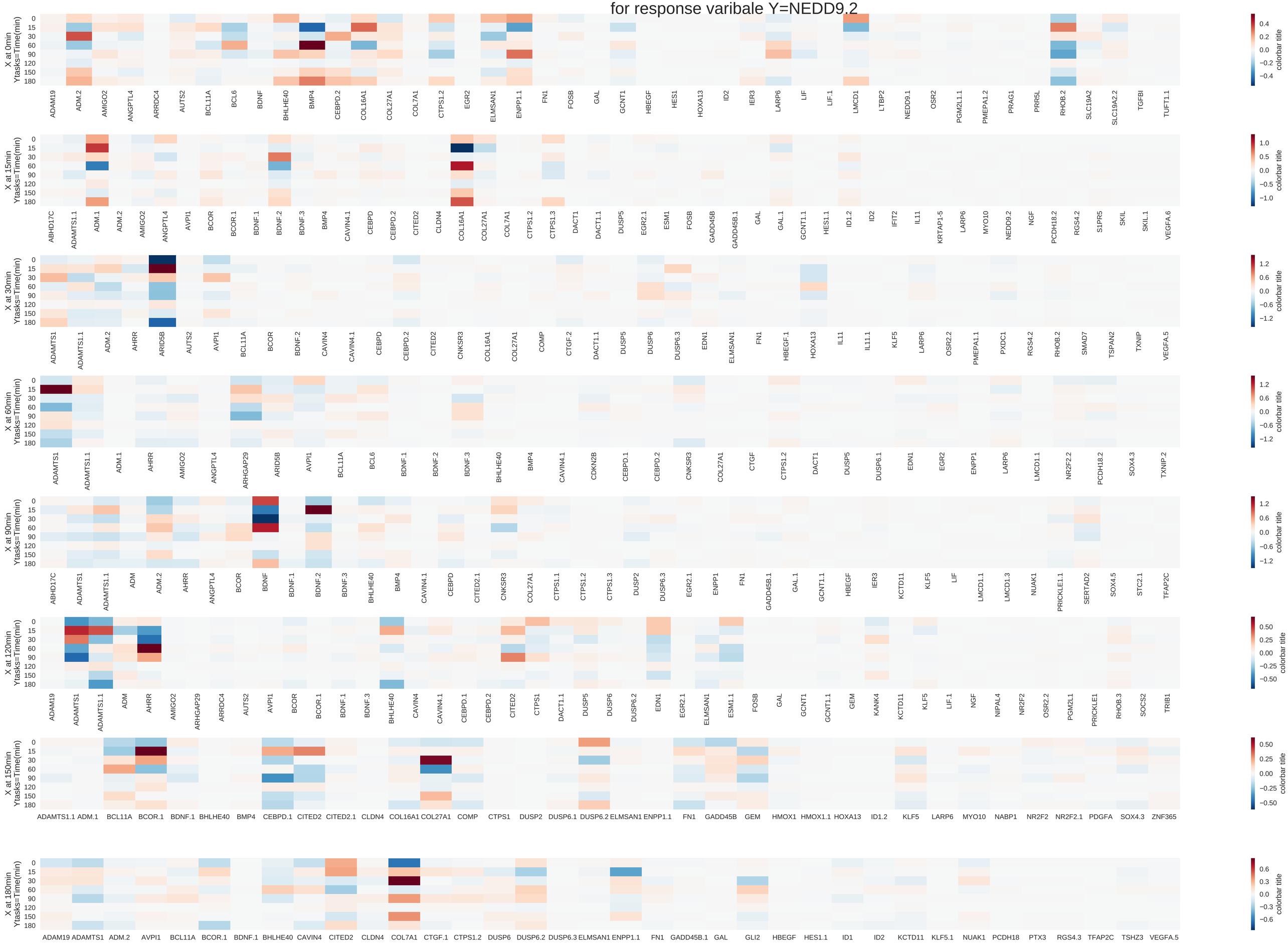



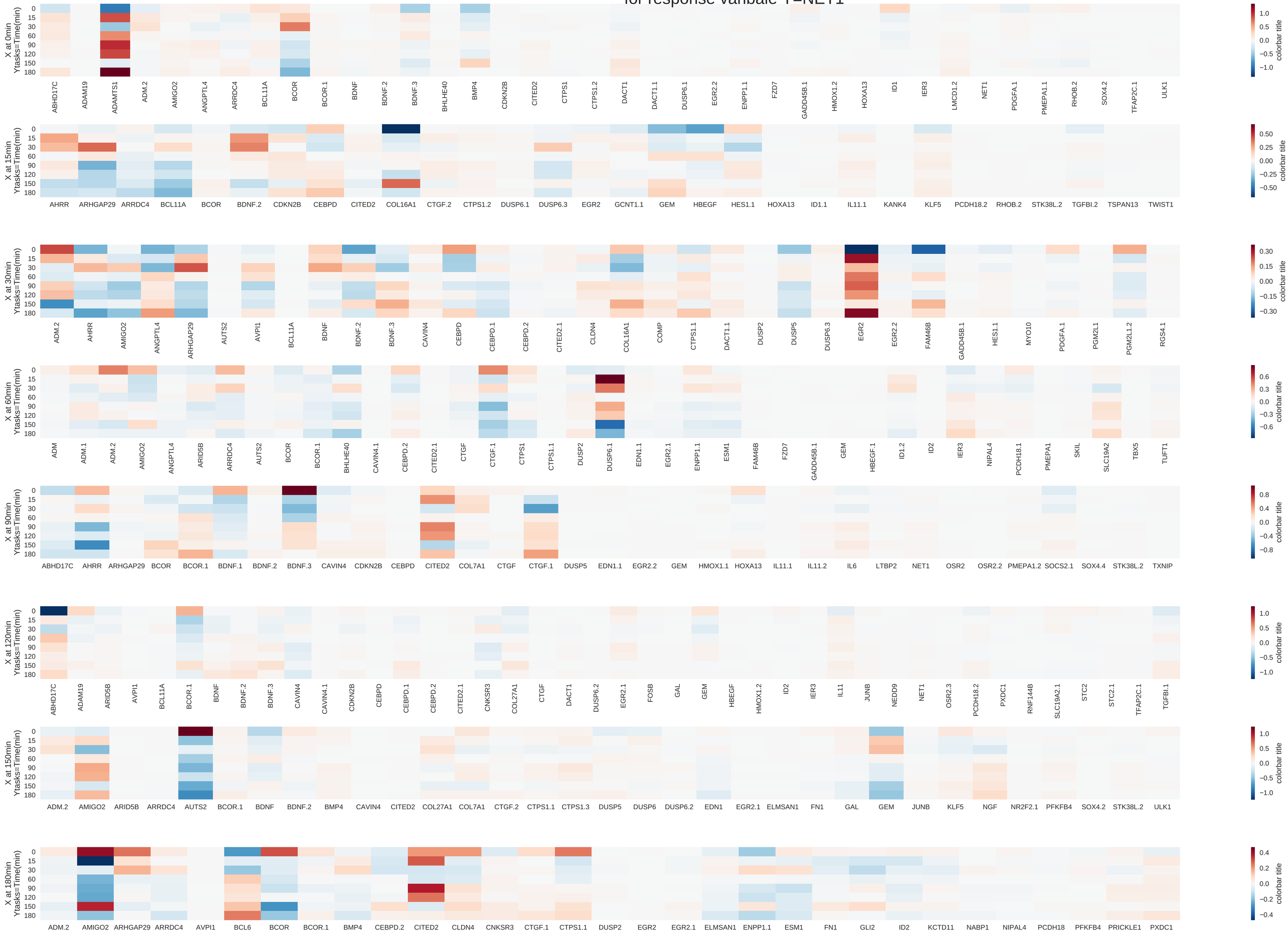
# Coefficients from multi-task LASSO regression for response varibale Y=NEDD9.1



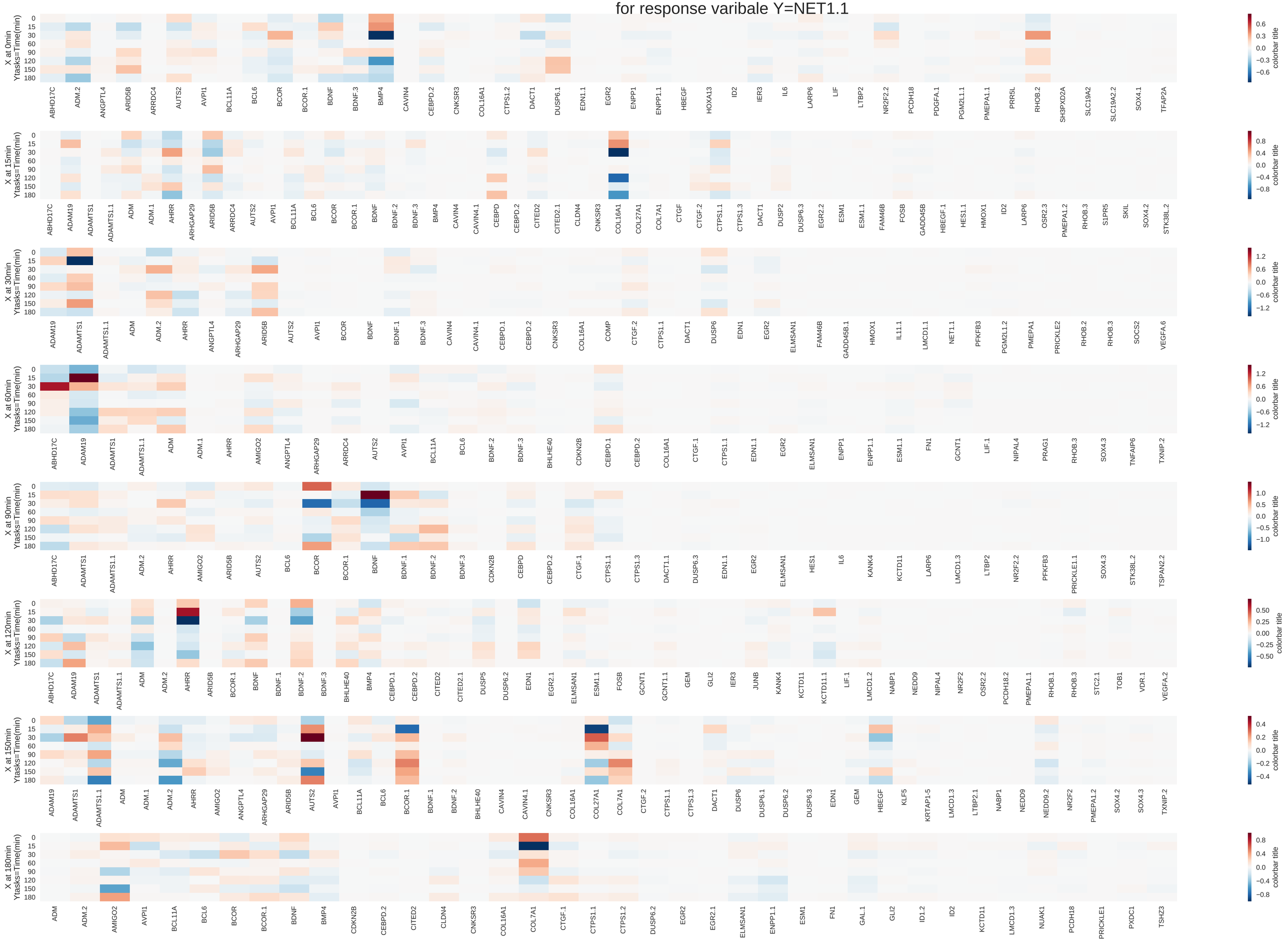
# Coefficients from multi-task LASSO regression for response varibale Y=NEDD9.2



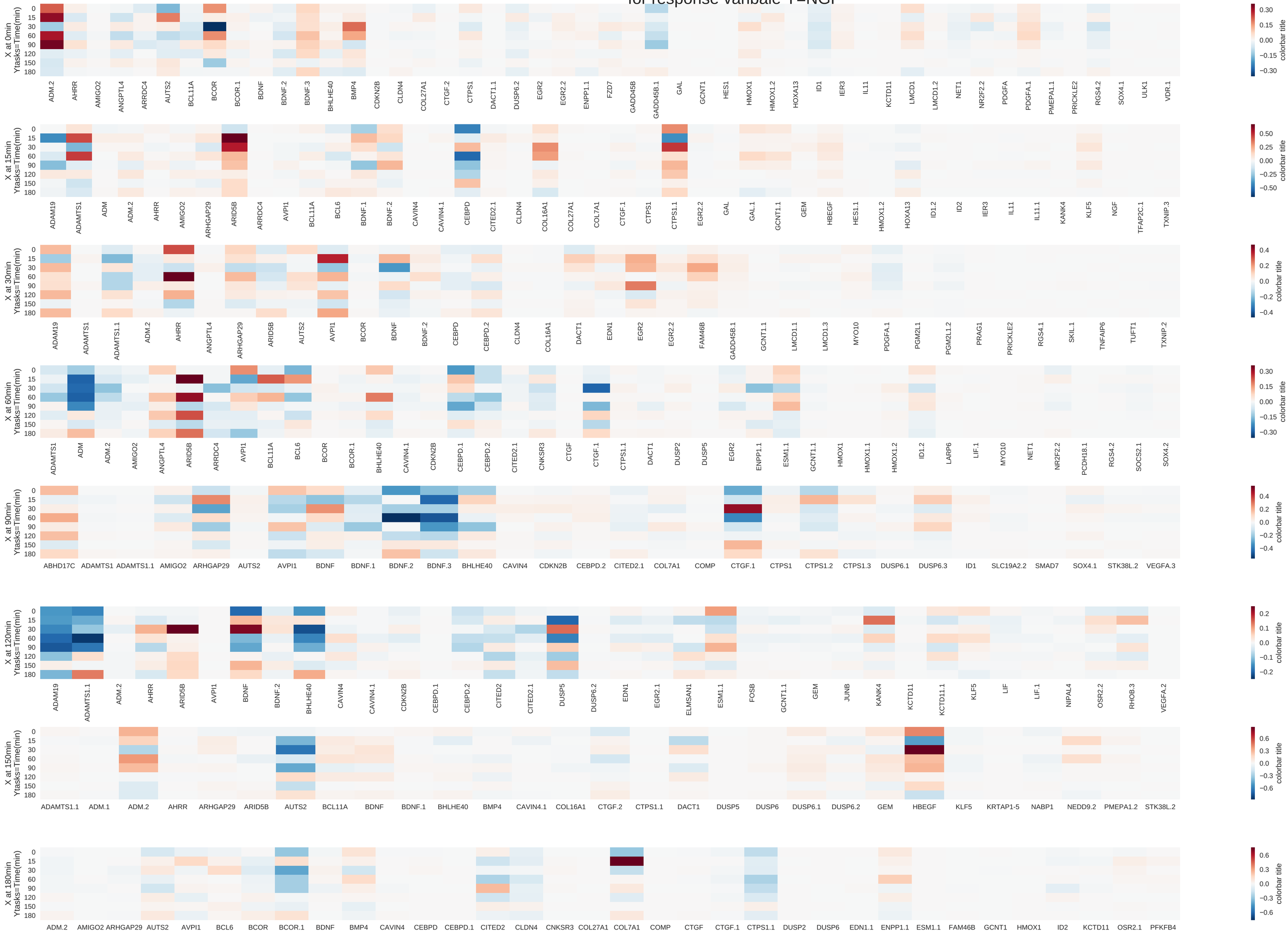
# Coefficients from multi-task LASSO regression for response varibale Y=NET1



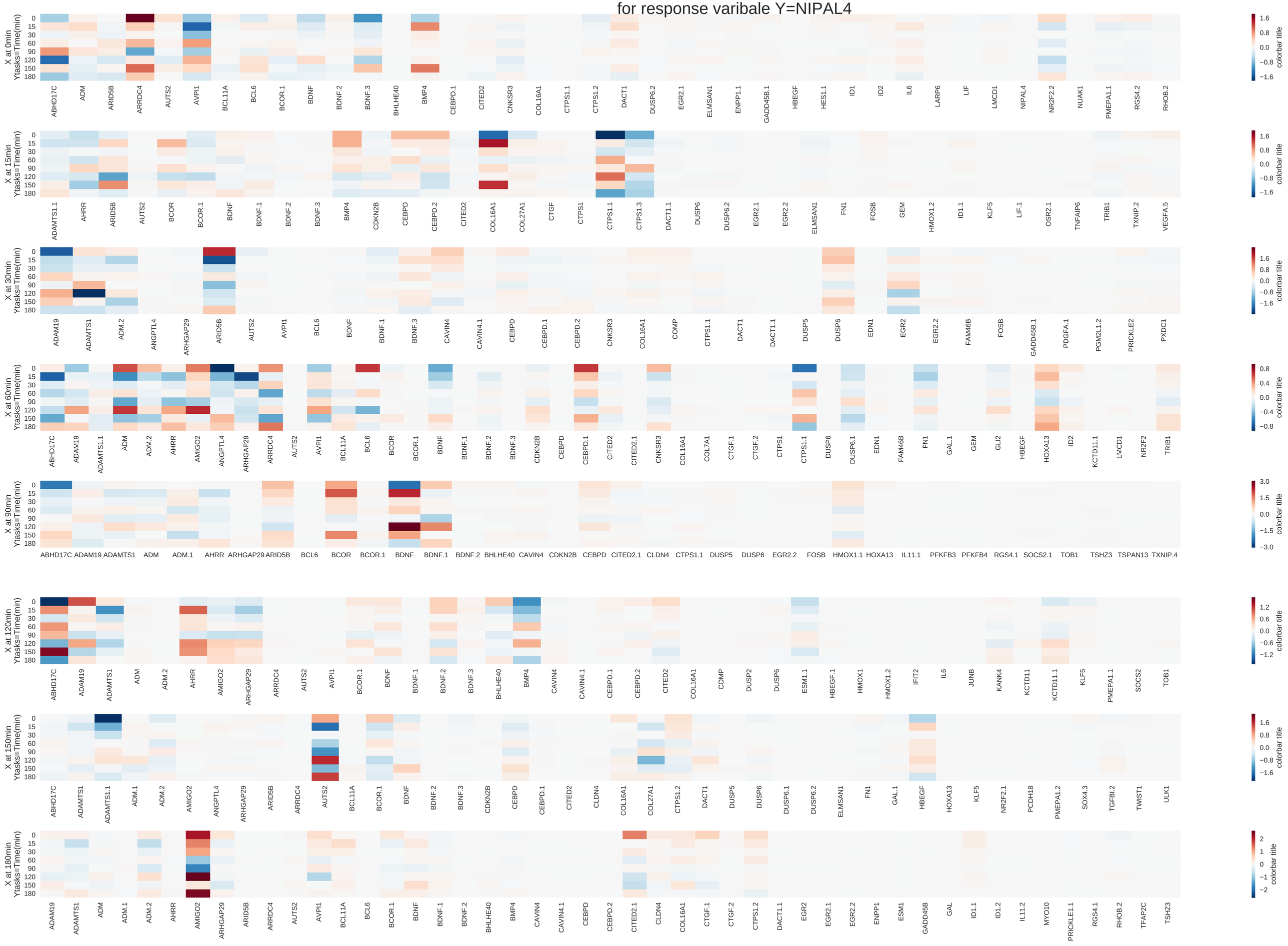
# Coefficients from multi-task LASSO regression for response varibale Y=NET1.1



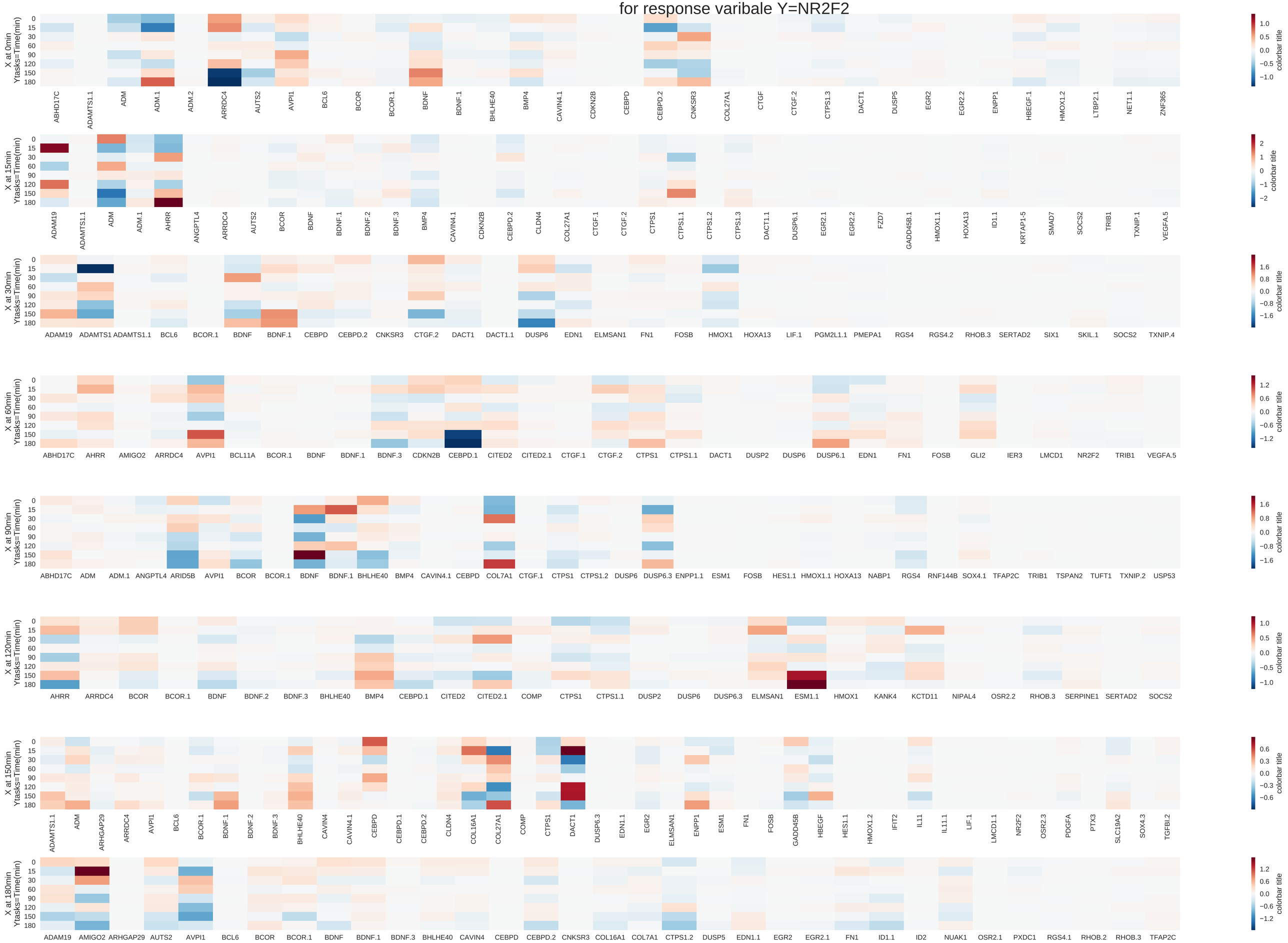
# Coefficients from multi-task LASSO regression for response varibale Y=NGF



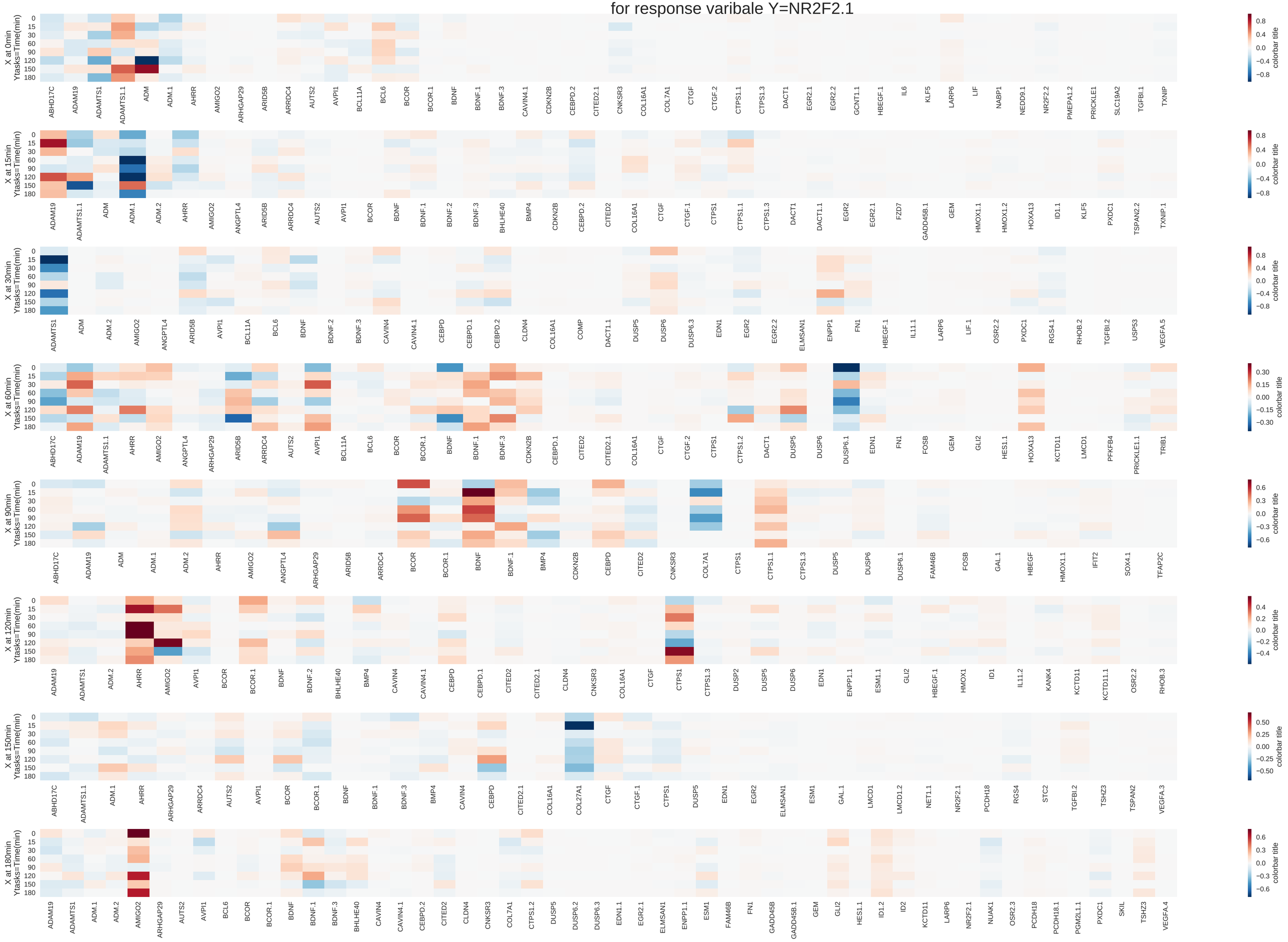
# Coefficients from multi-task LASSO regression for response varibale Y=NIPAL4



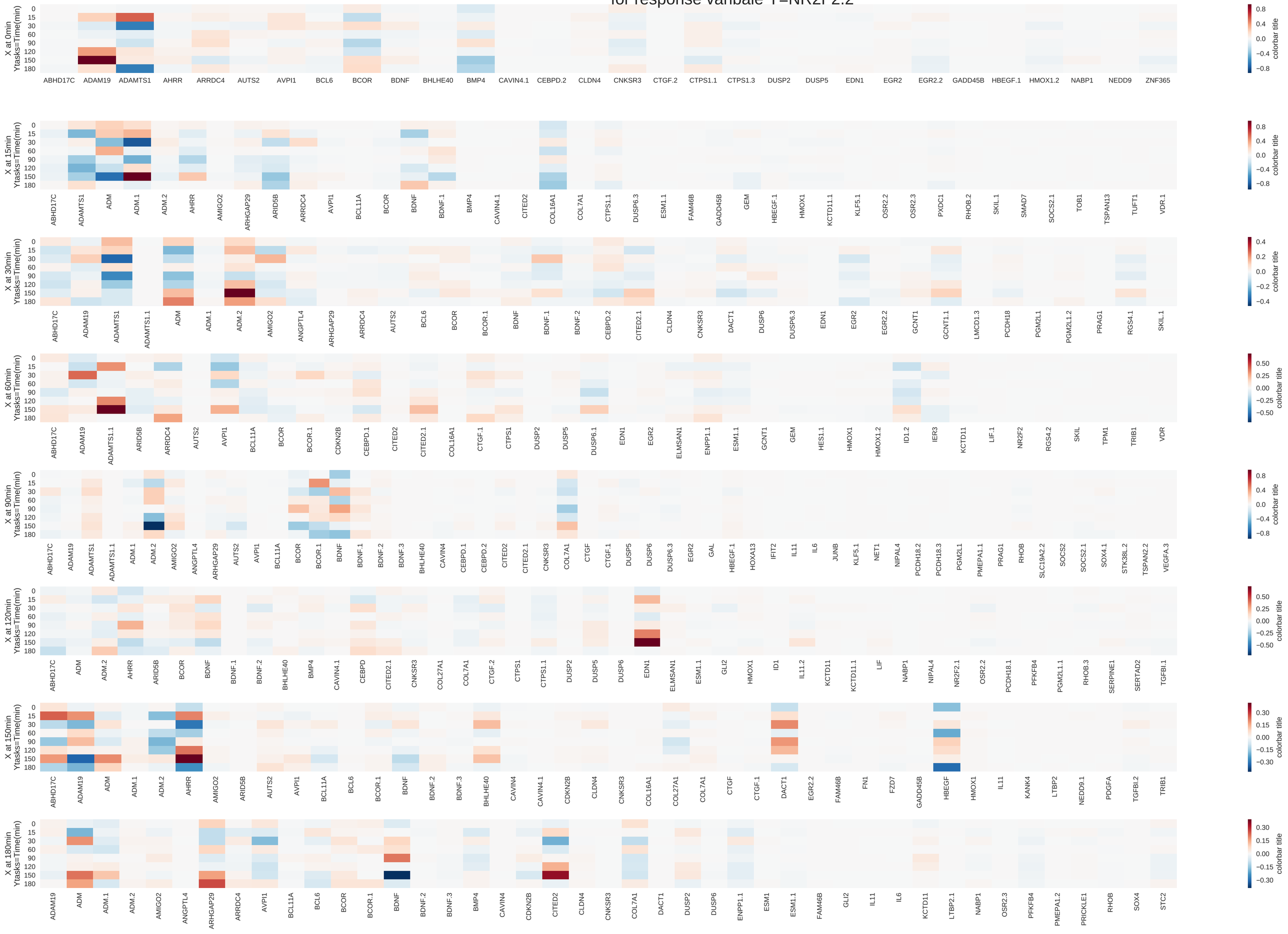
# Coefficients from multi-task LASSO regression for response varibale Y=NR2F2



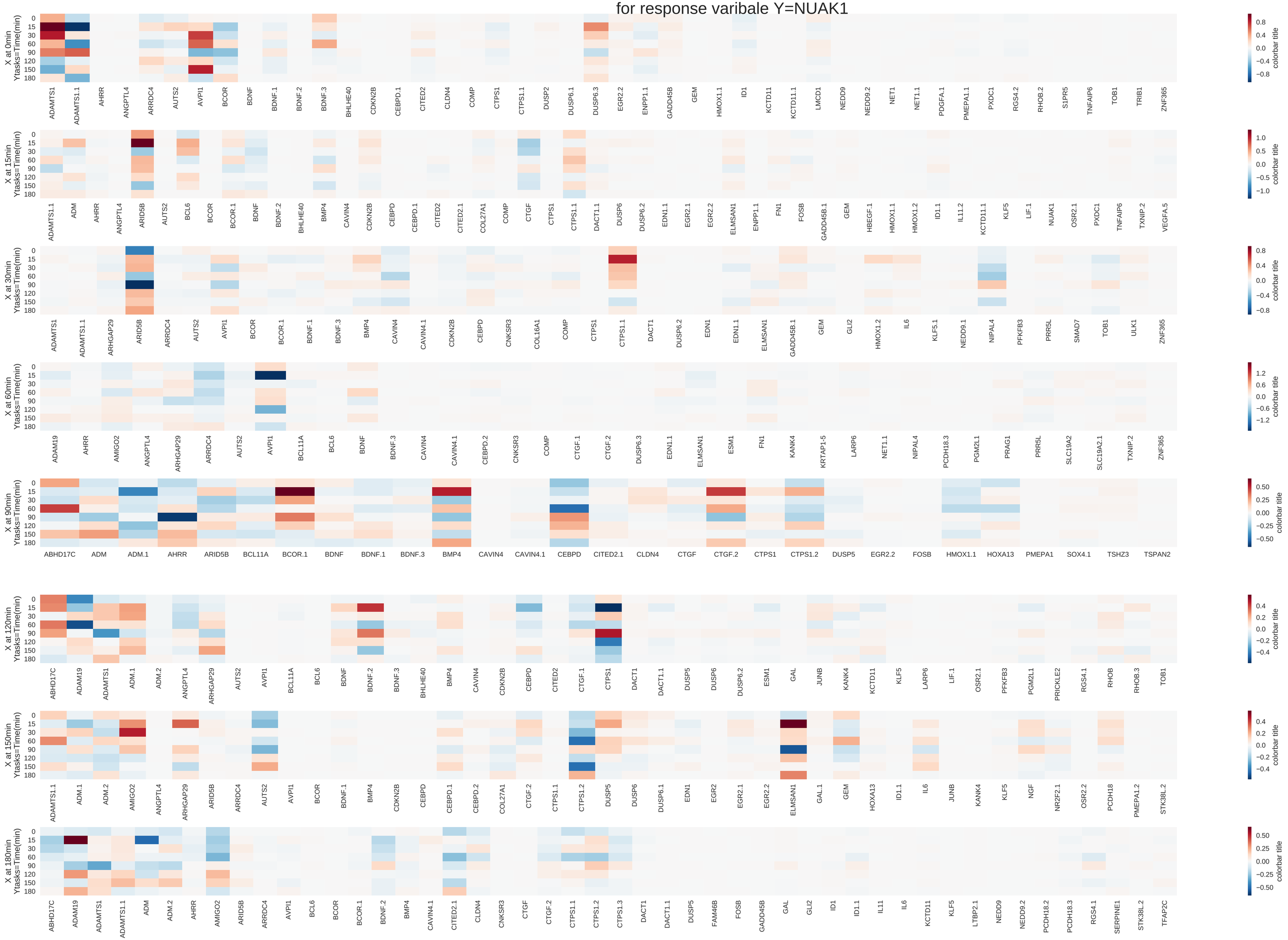
# Coefficients from multi-task LASSO regression for response varibale Y=NR2F2.1



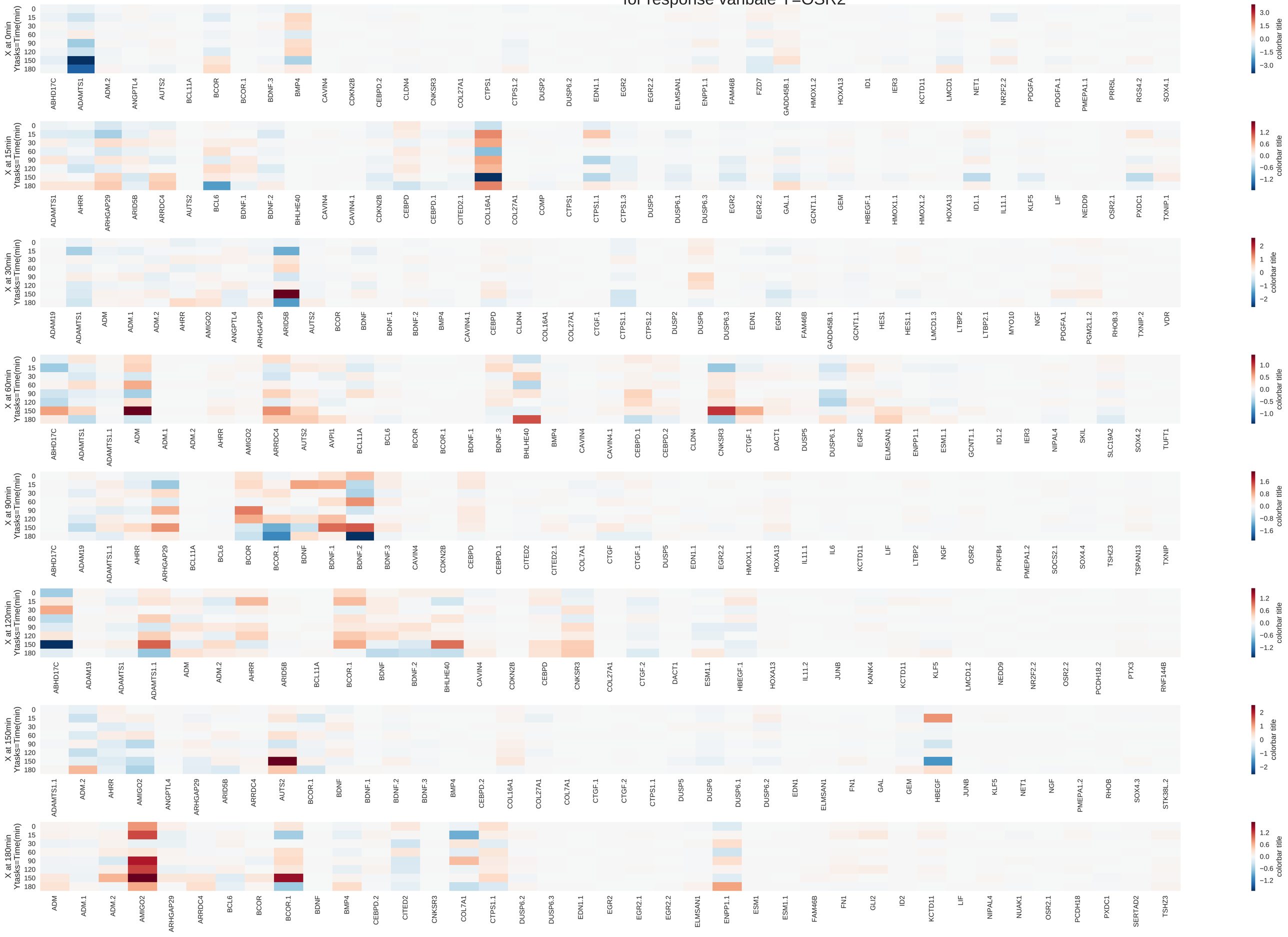
# Coefficients from multi-task LASSO regression for response varibale Y=NR2F2.2



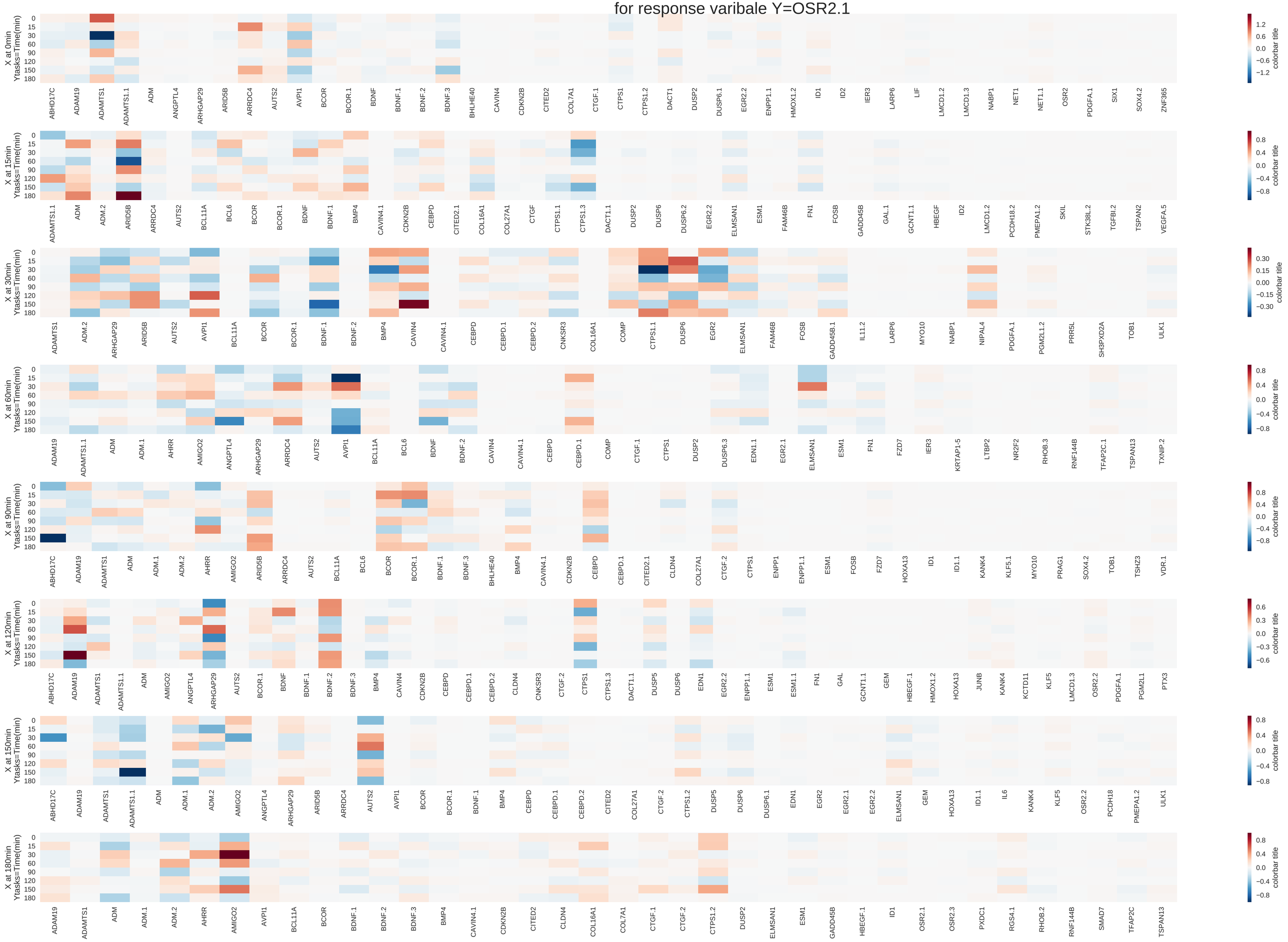
# Coefficients from multi-task LASSO regression for response varibale Y=NUAK1



# Coefficients from multi-task LASSO regression for response varibale Y=OSR2



# Coefficients from multi-task LASSO regression for response varibale Y=OSR2.1



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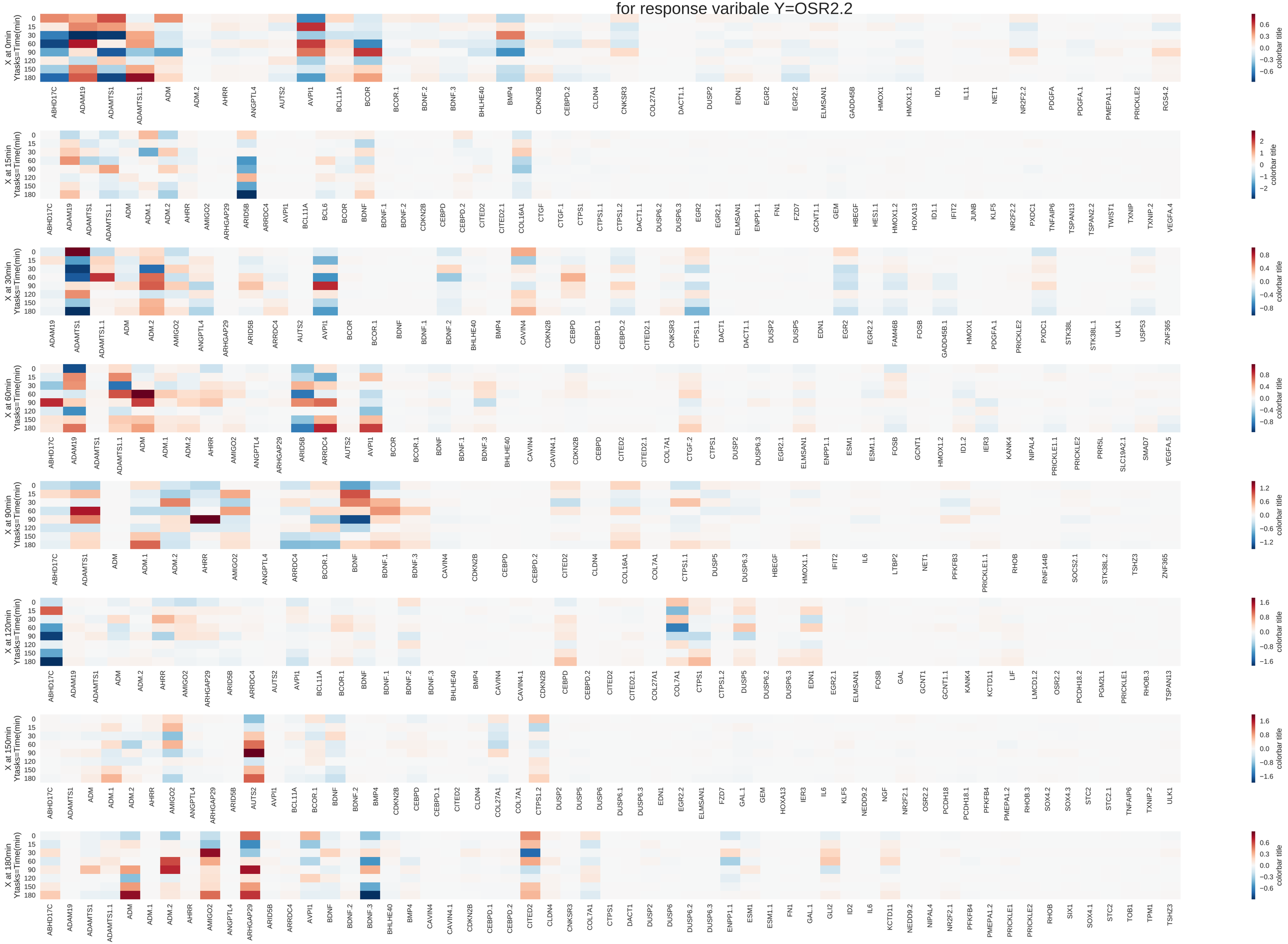
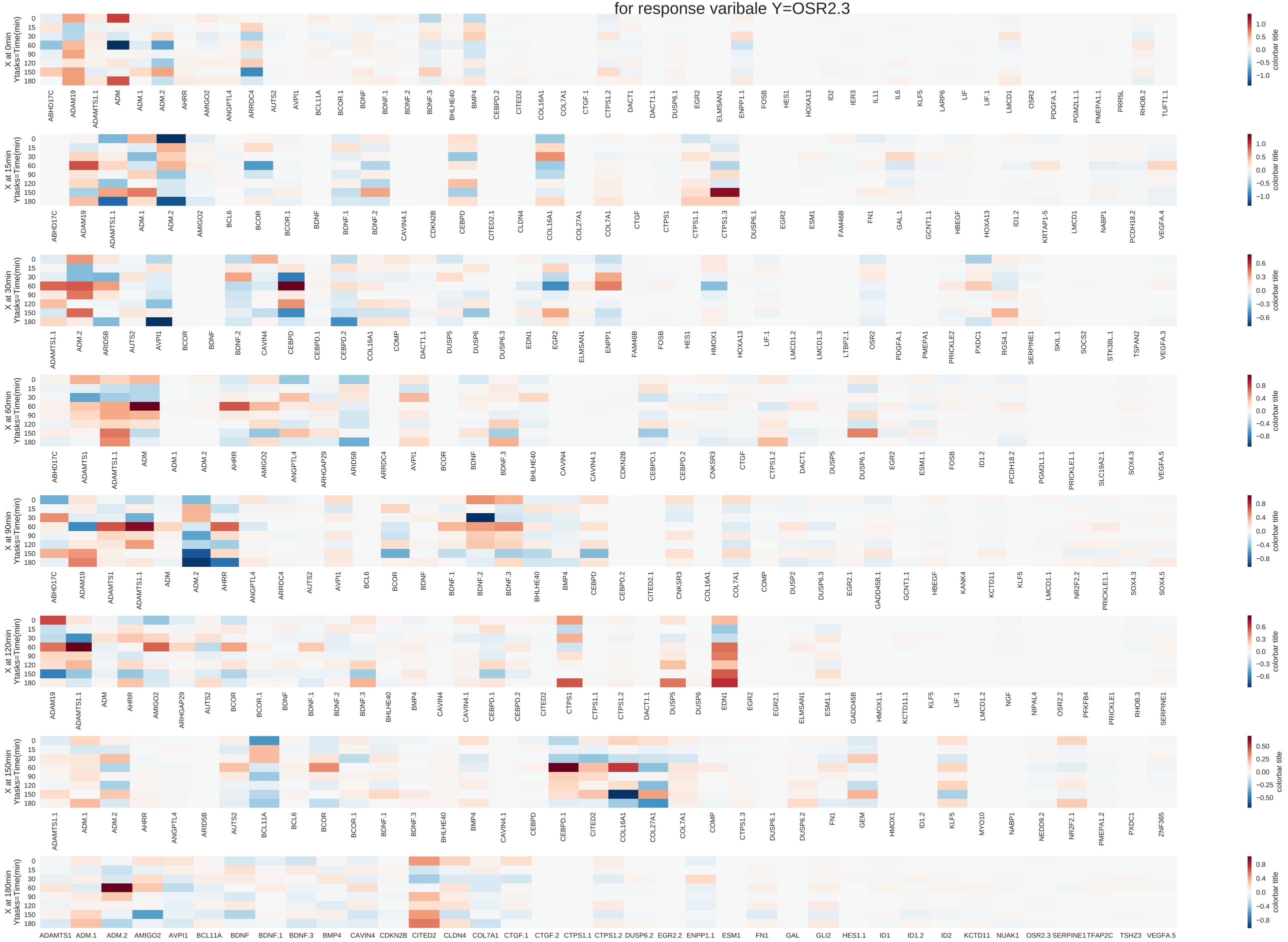
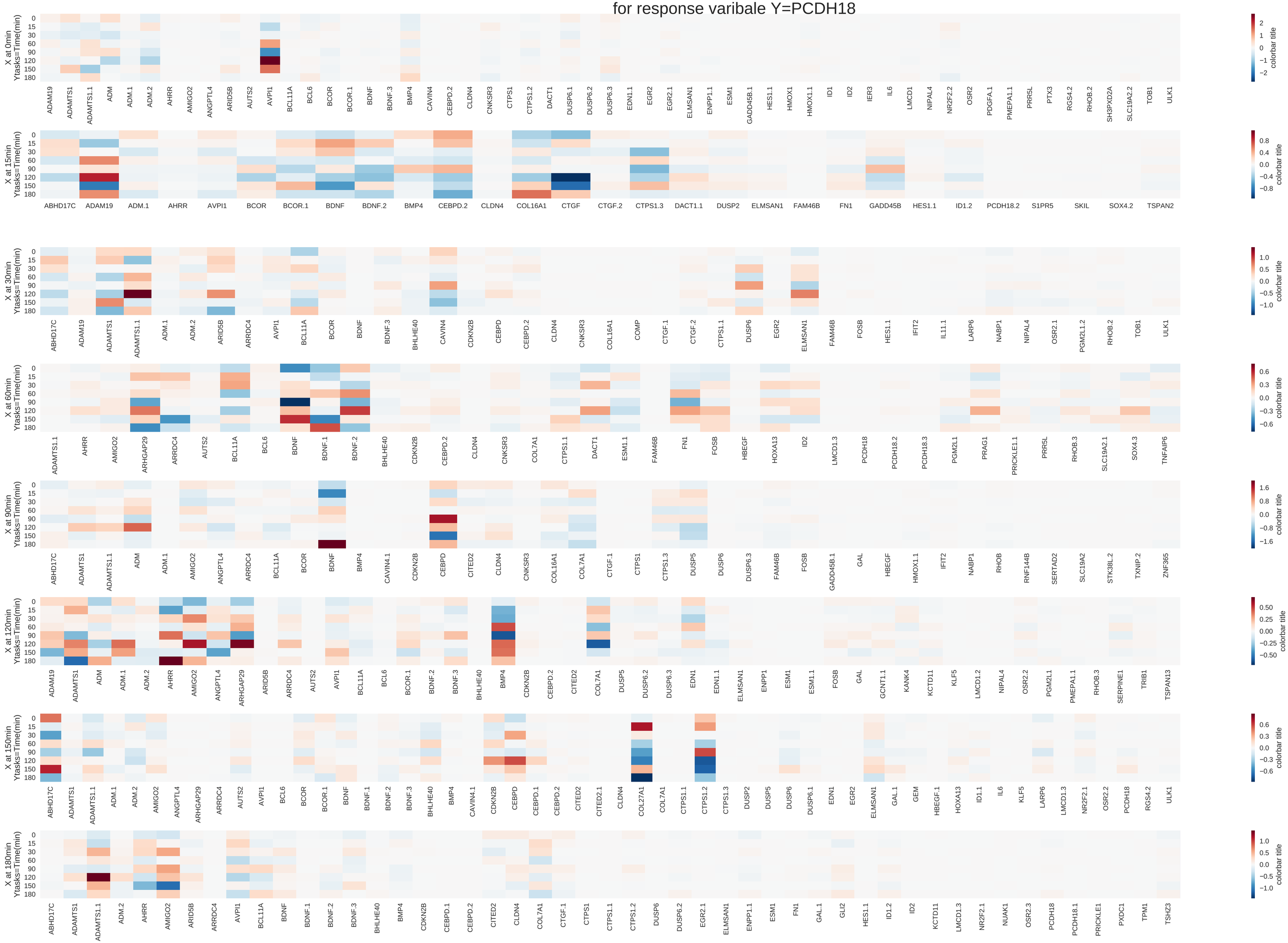


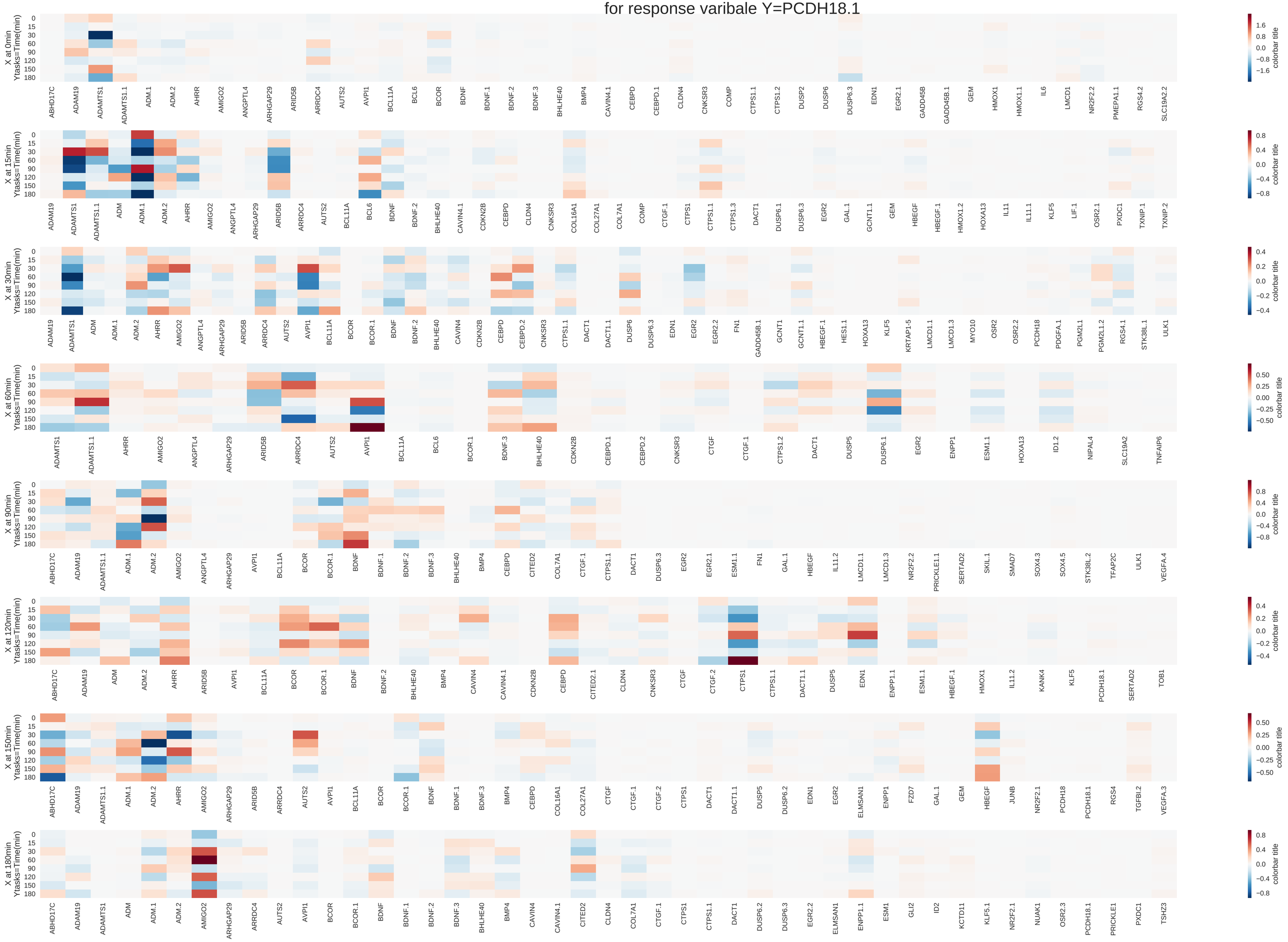
# Coefficients from multi-task LASSO regression for response varibale Y=OSR2.3



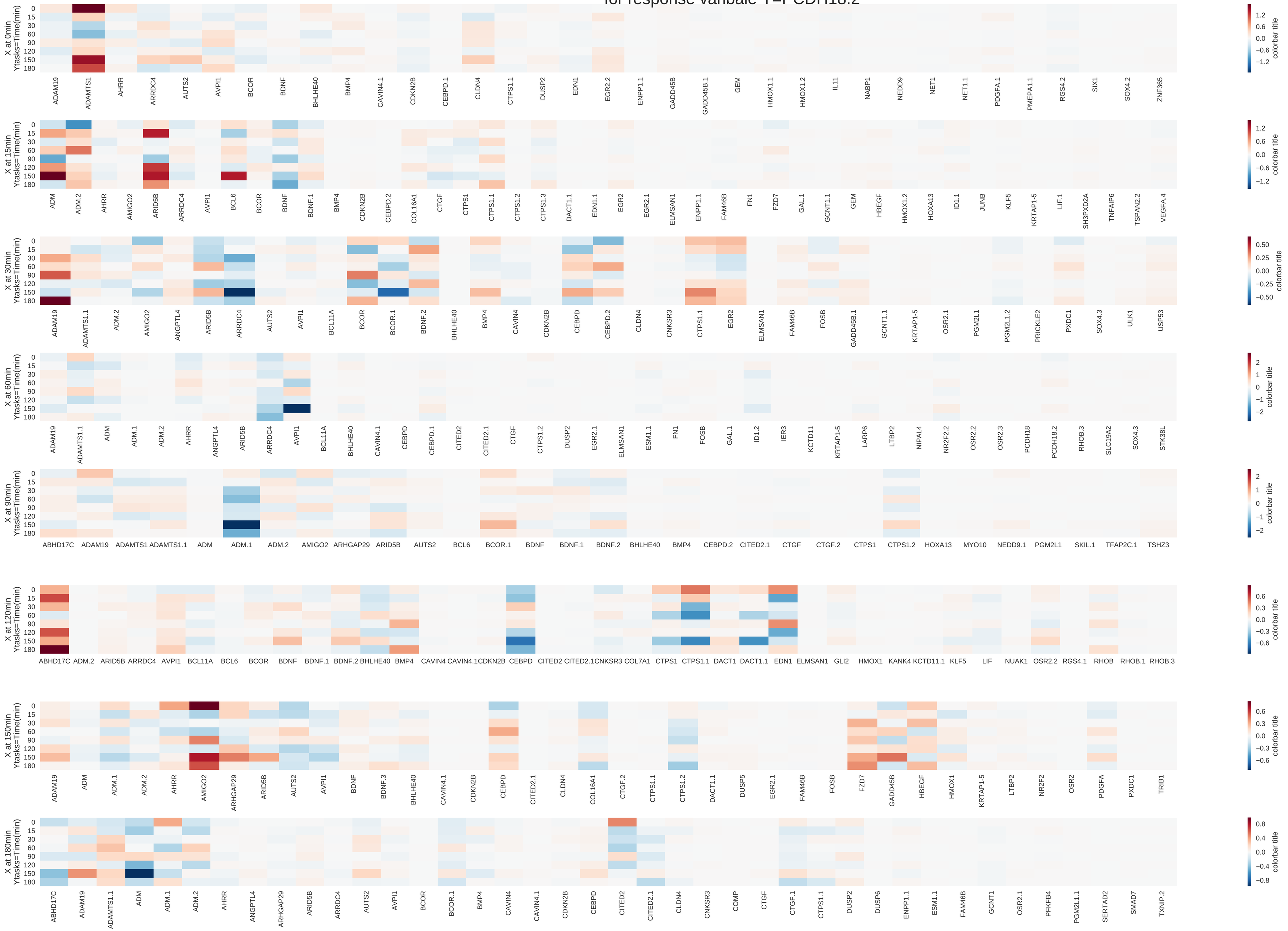
# Coefficients from multi-task LASSO regression for response varibale Y=PCDH18



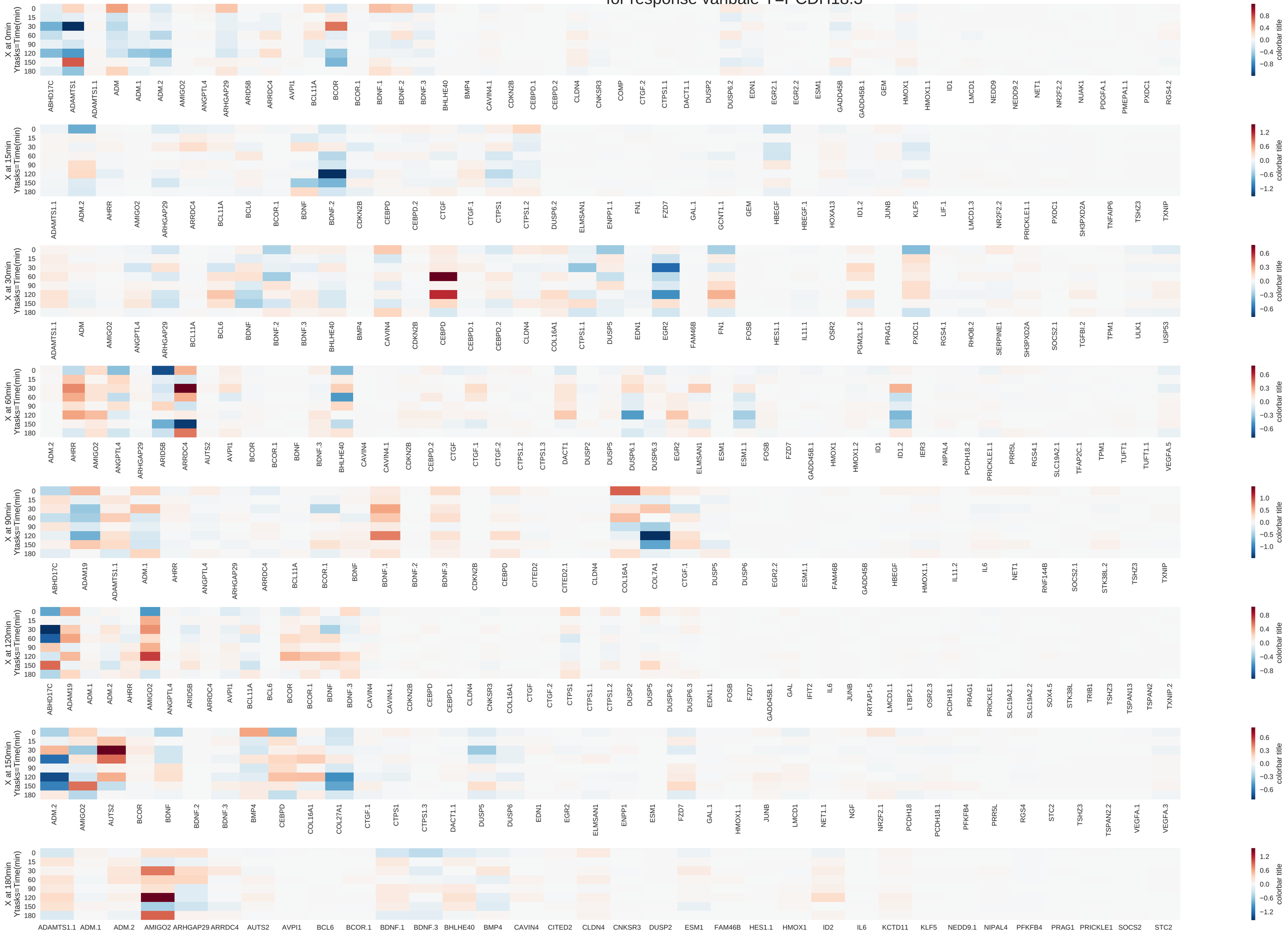
# Coefficients from multi-task LASSO regression for response varibale Y=PCDH18.1



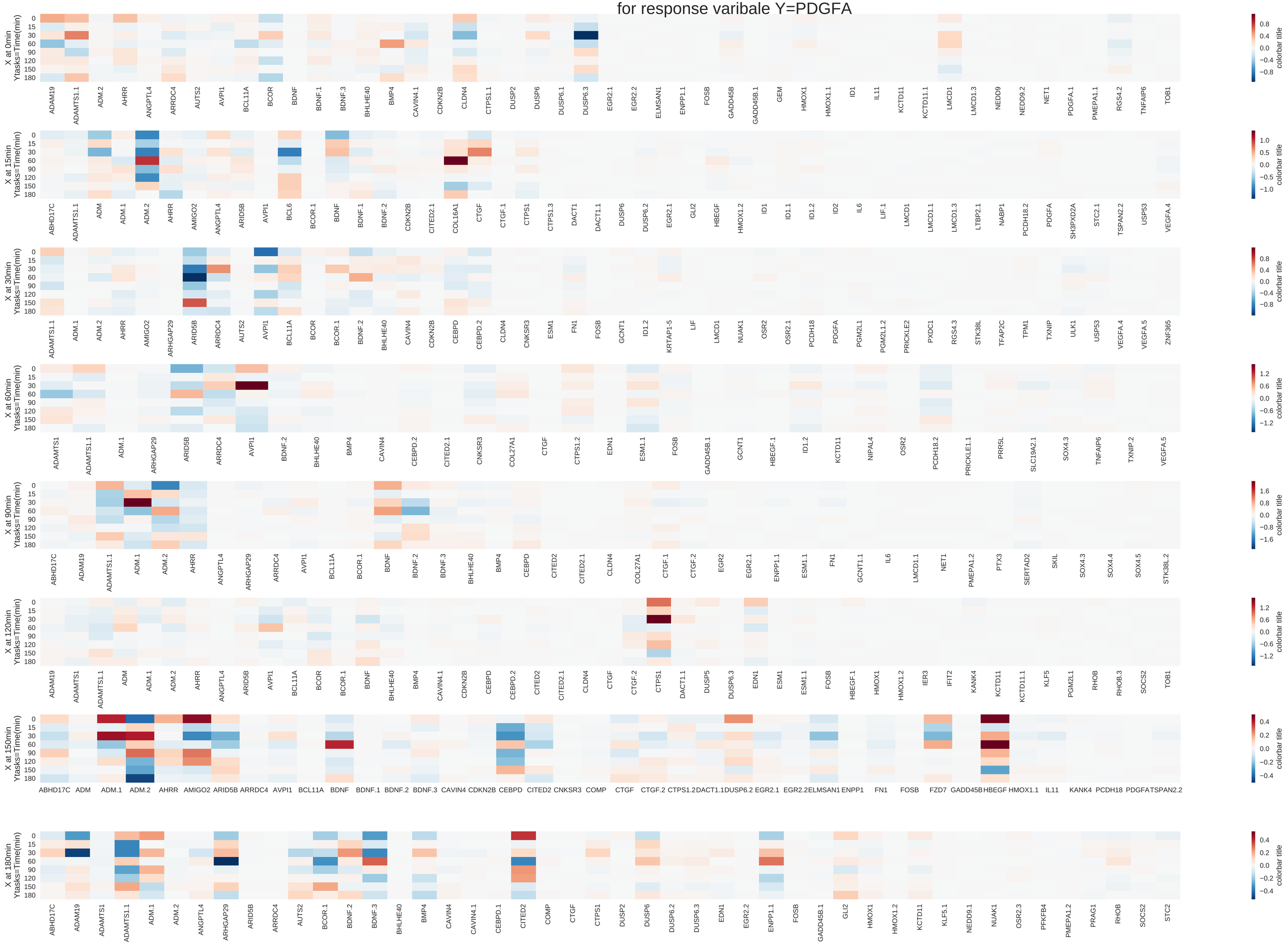
# Coefficients from multi-task LASSO regression for response varibale Y=PCDH18.2



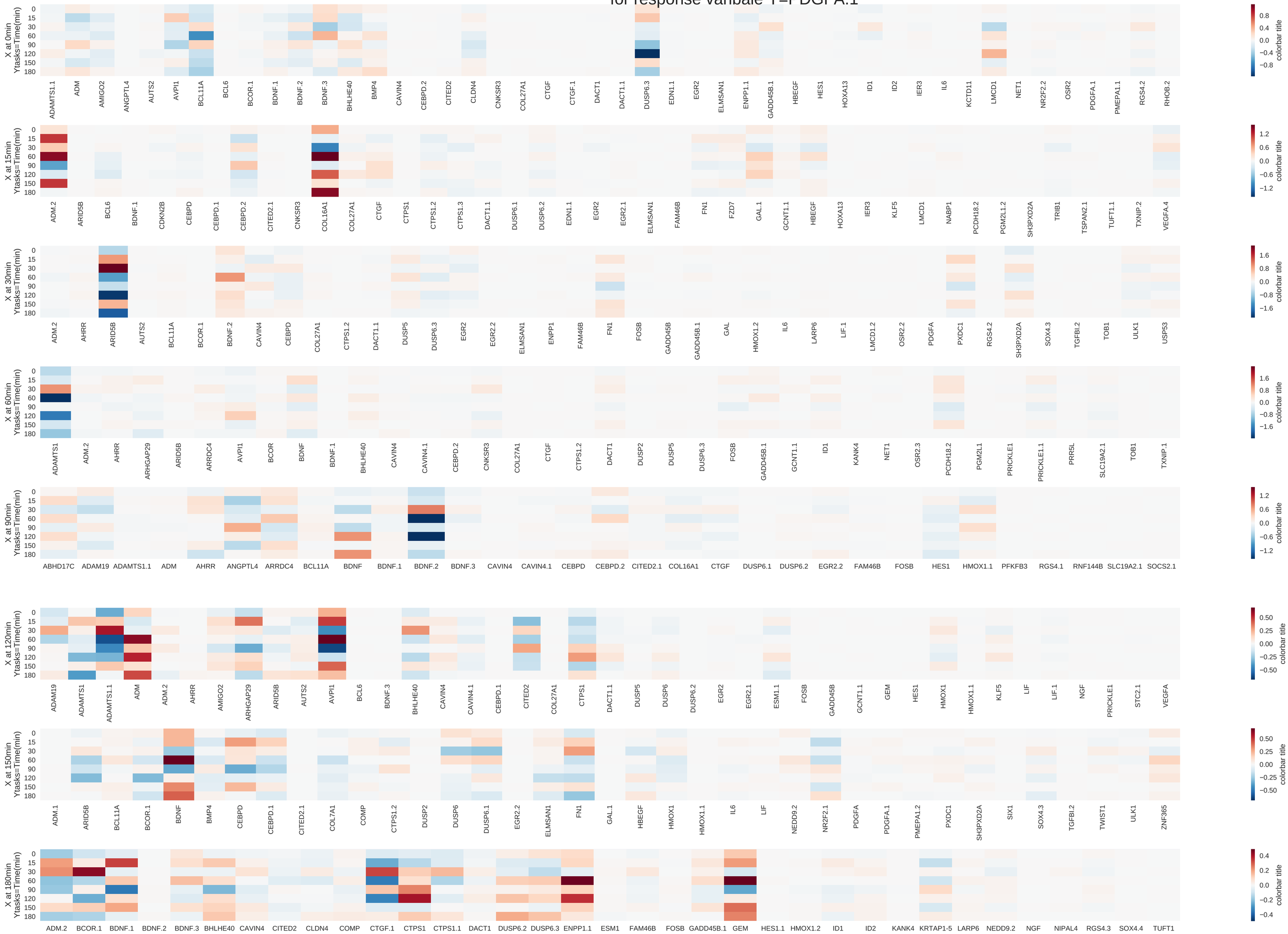
# Coefficients from multi-task LASSO regression for response varibale Y=PCDH18.3



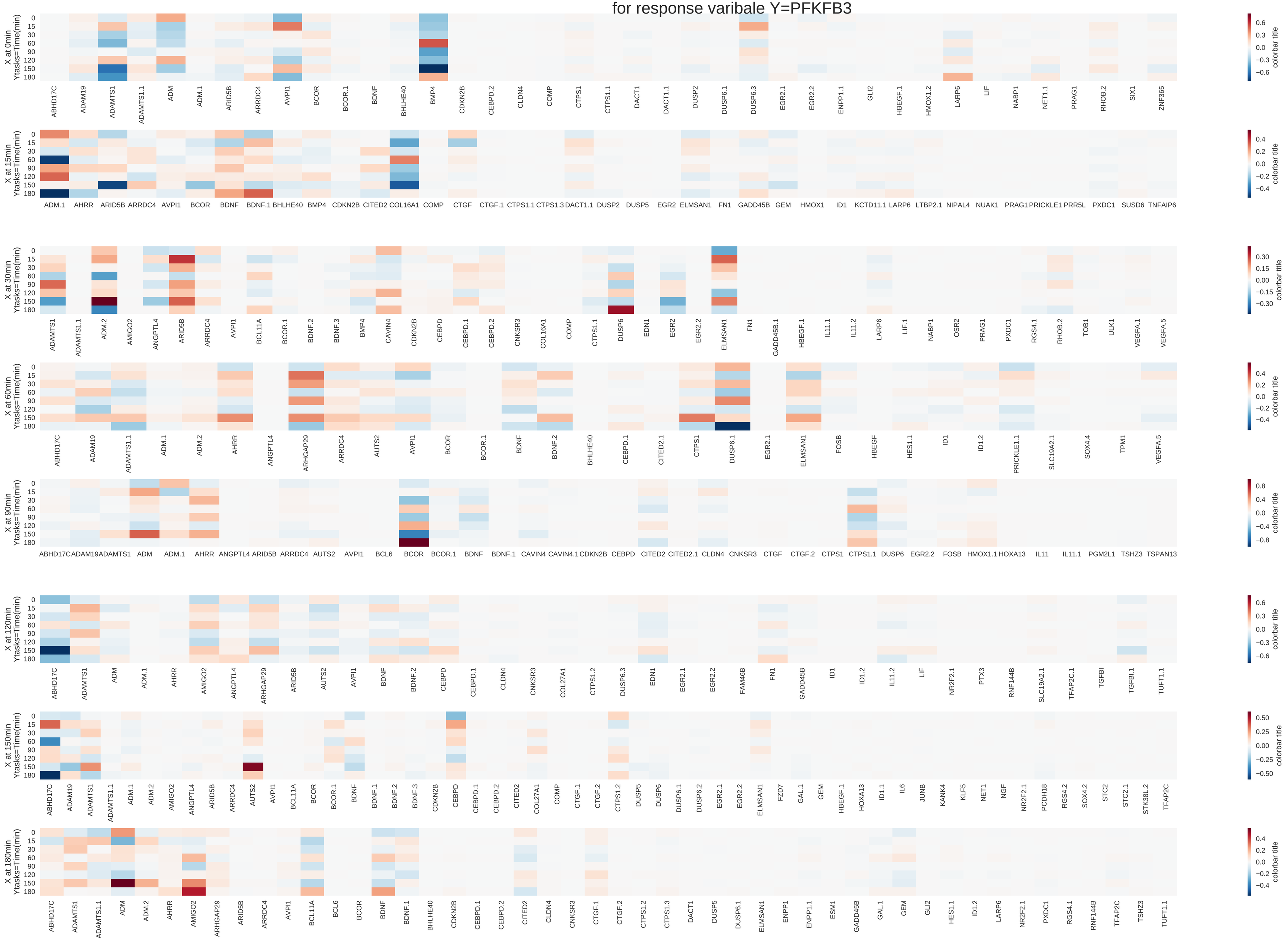
# Coefficients from multi-task LASSO regression for response varibale Y=PDGFA



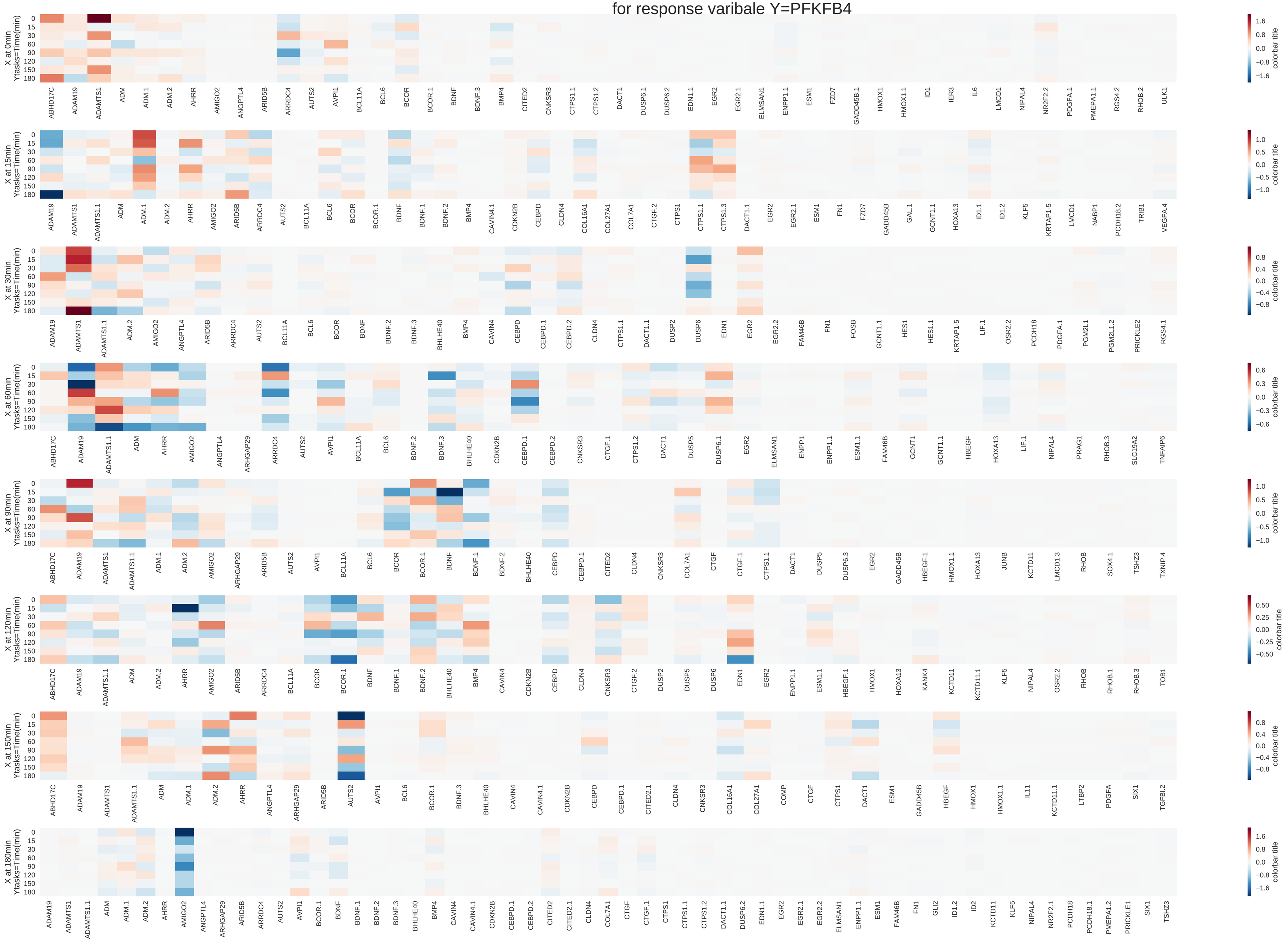
# Coefficients from multi-task LASSO regression for response varibale Y=PDGFA.1



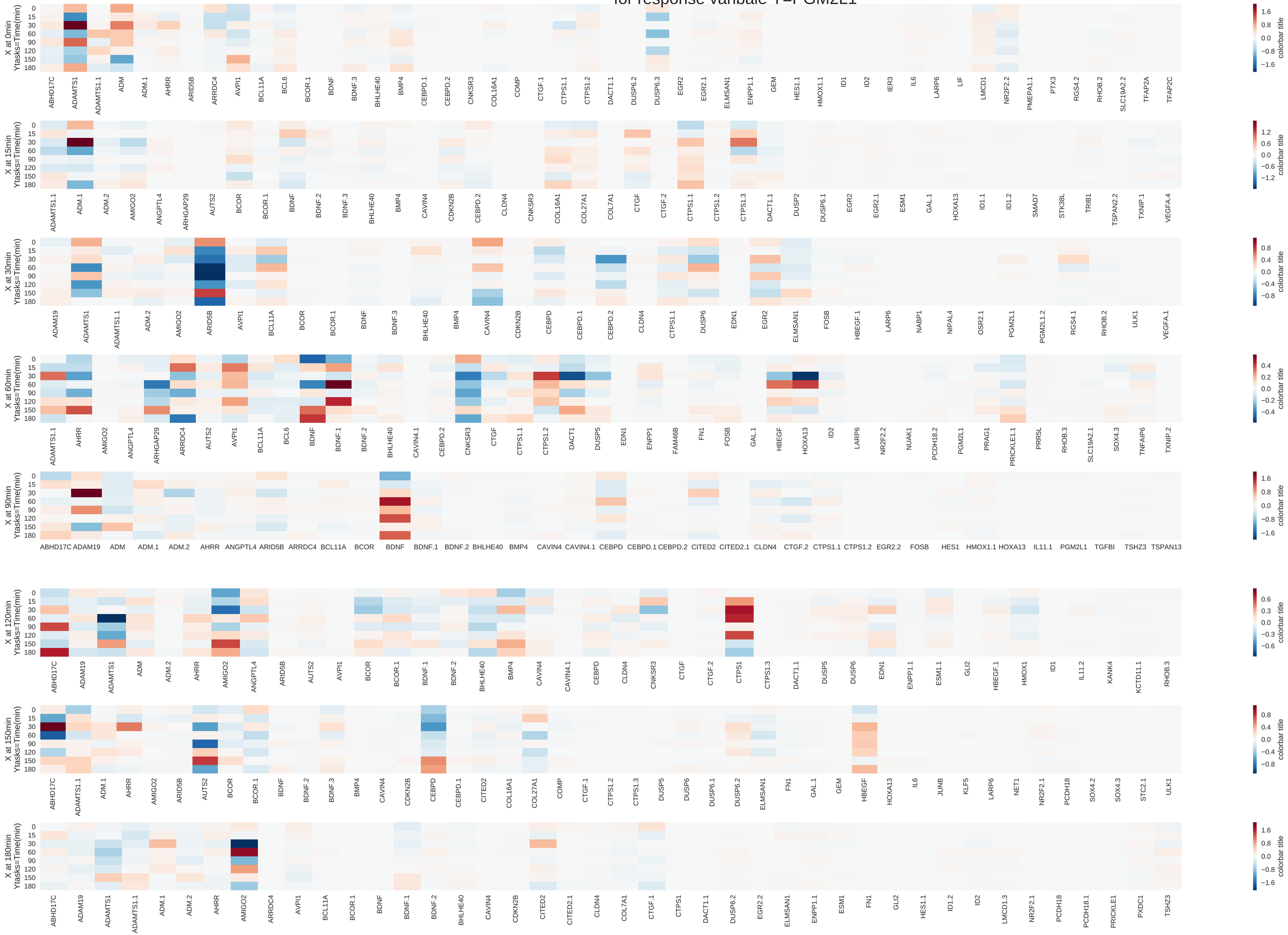
# Coefficients from multi-task LASSO regression for response varibale Y=PFKFB3



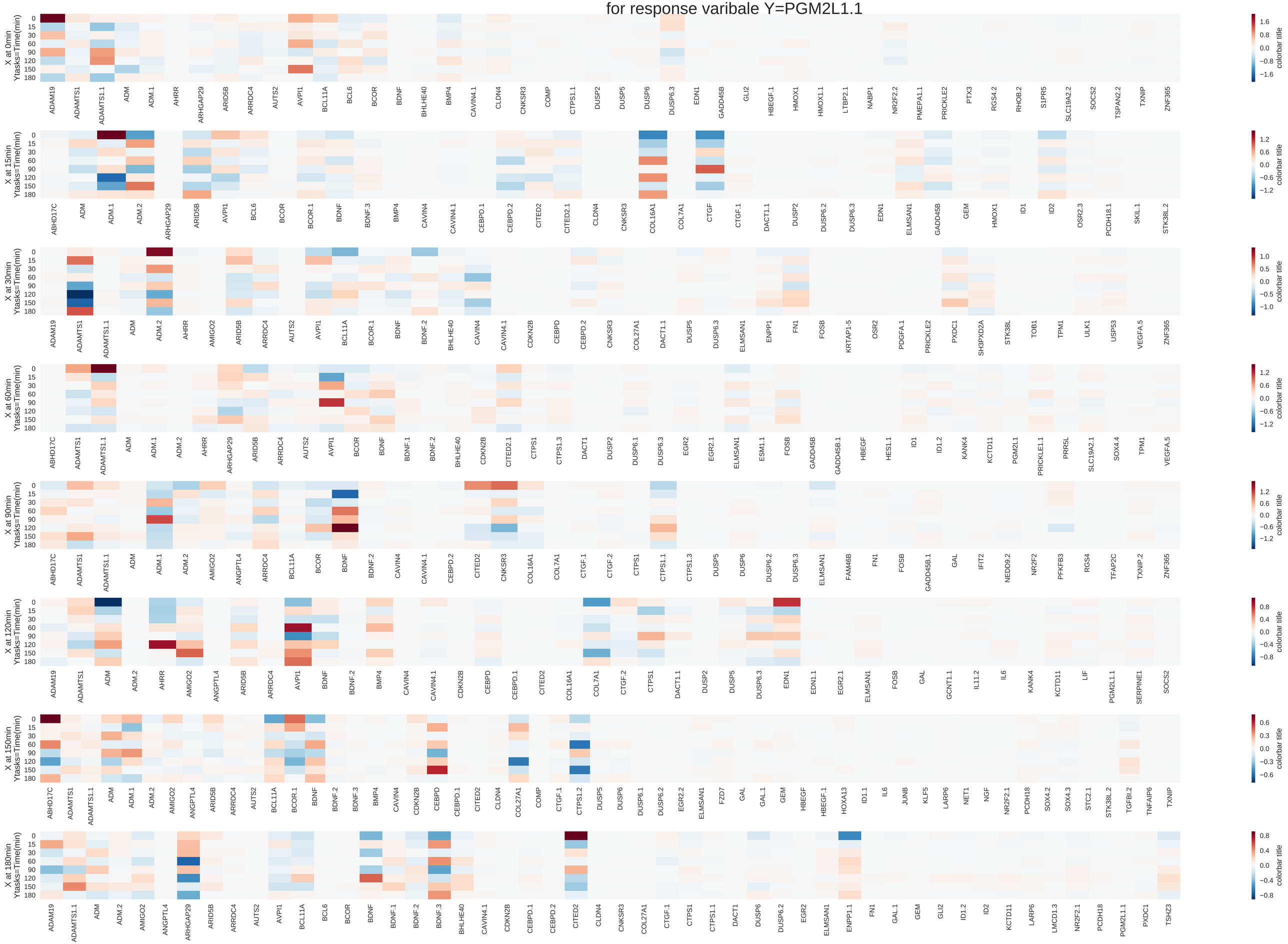
# Coefficients from multi-task LASSO regression for response varibale Y=PFKFB4



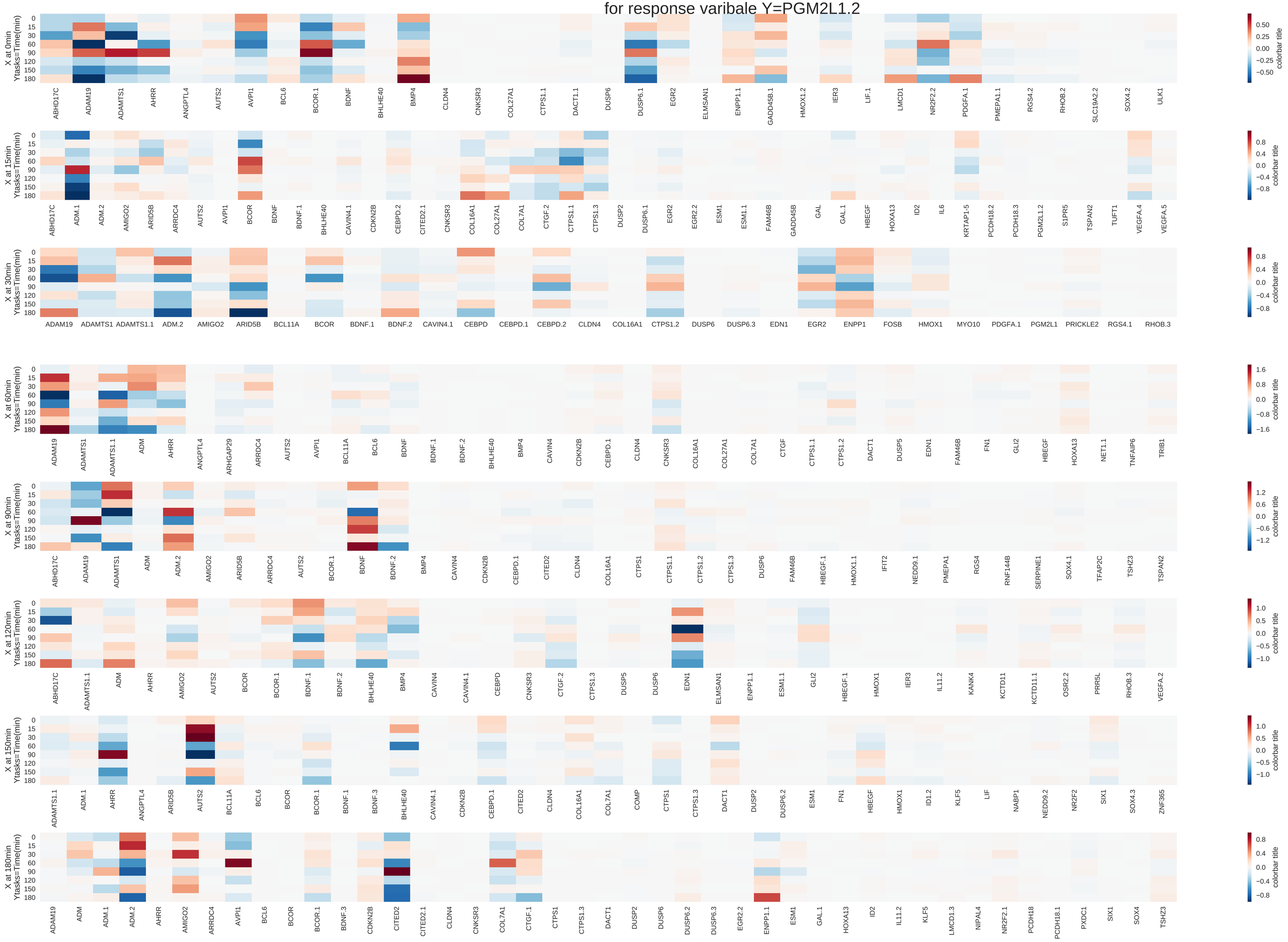
# Coefficients from multi-task LASSO regression for response varibale Y=PGM2L1



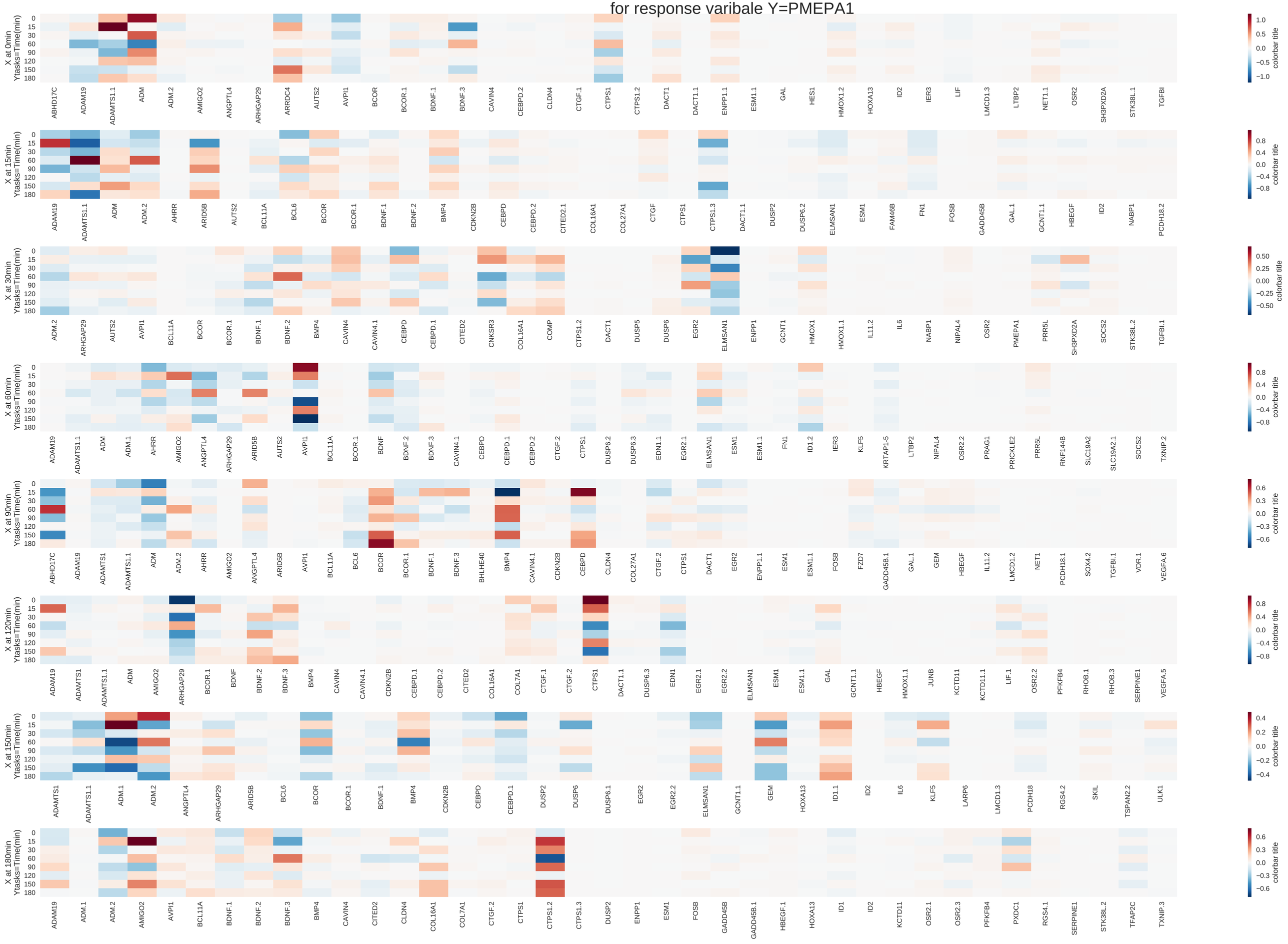
# Coefficients from multi-task LASSO regression for response varibale Y=PGM2L1.1



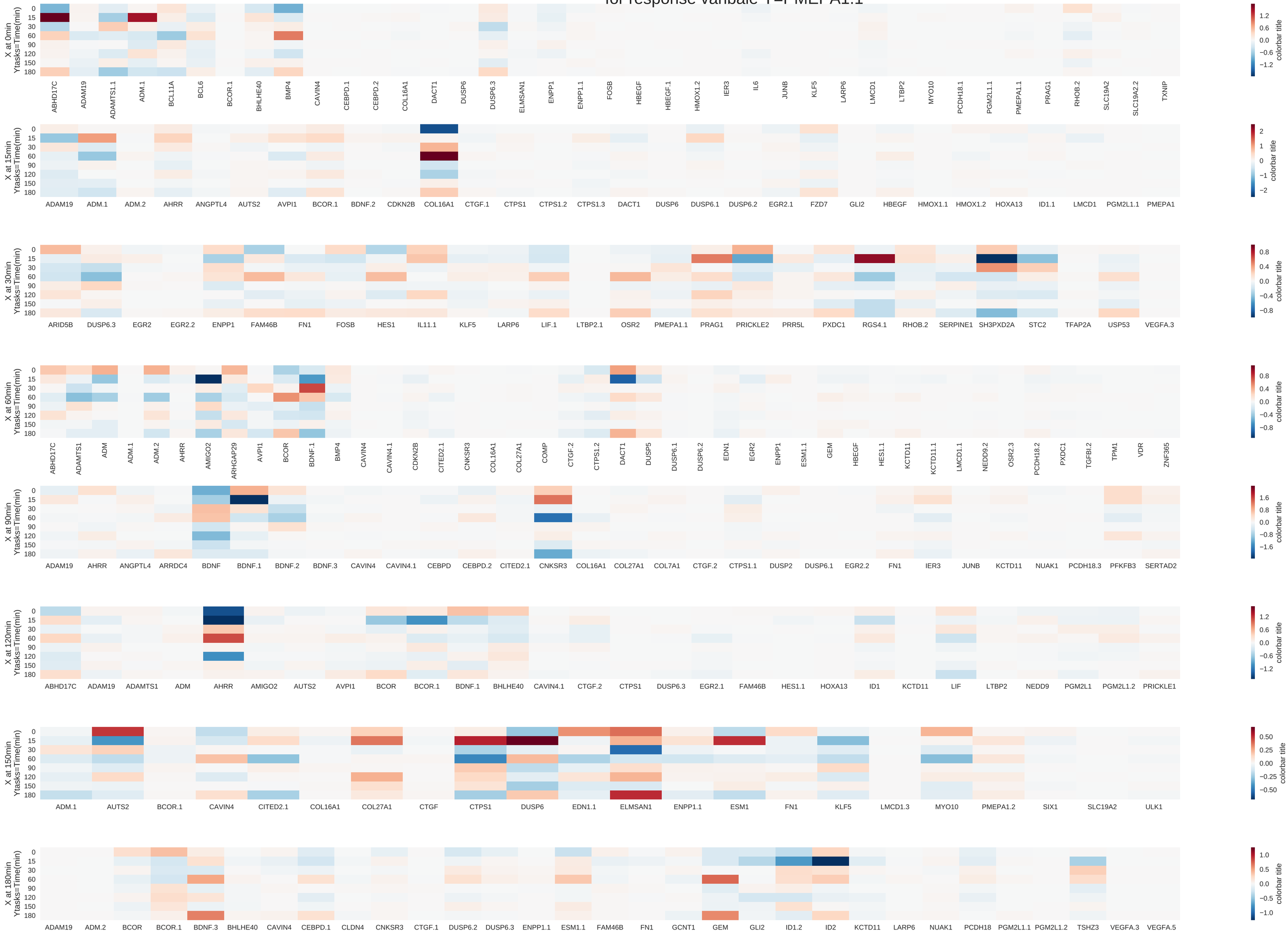
# Coefficients from multi-task LASSO regression for response varibale Y=PGM2L1.2



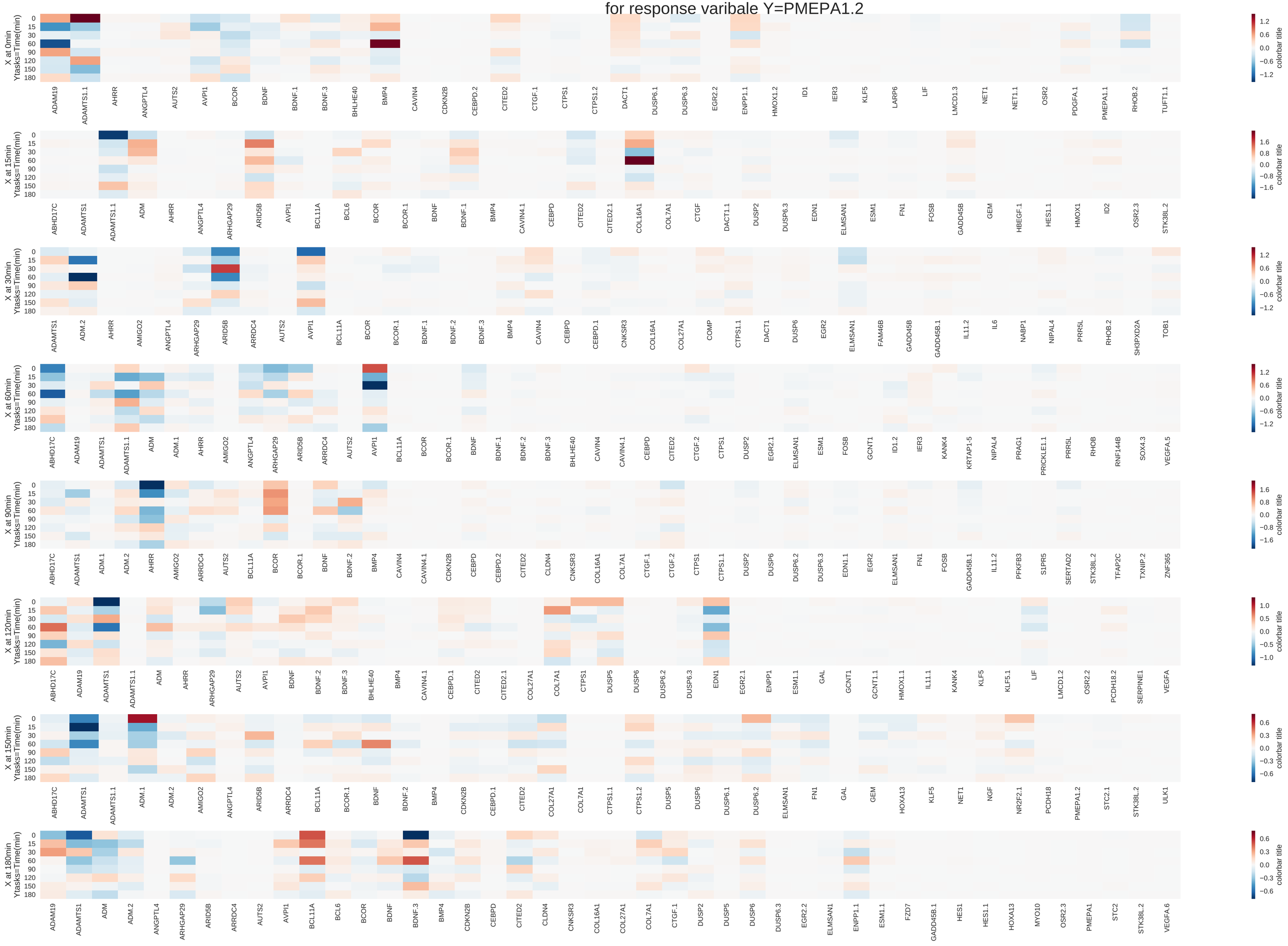
# Coefficients from multi-task LASSO regression for response varibale Y=PMEPA1



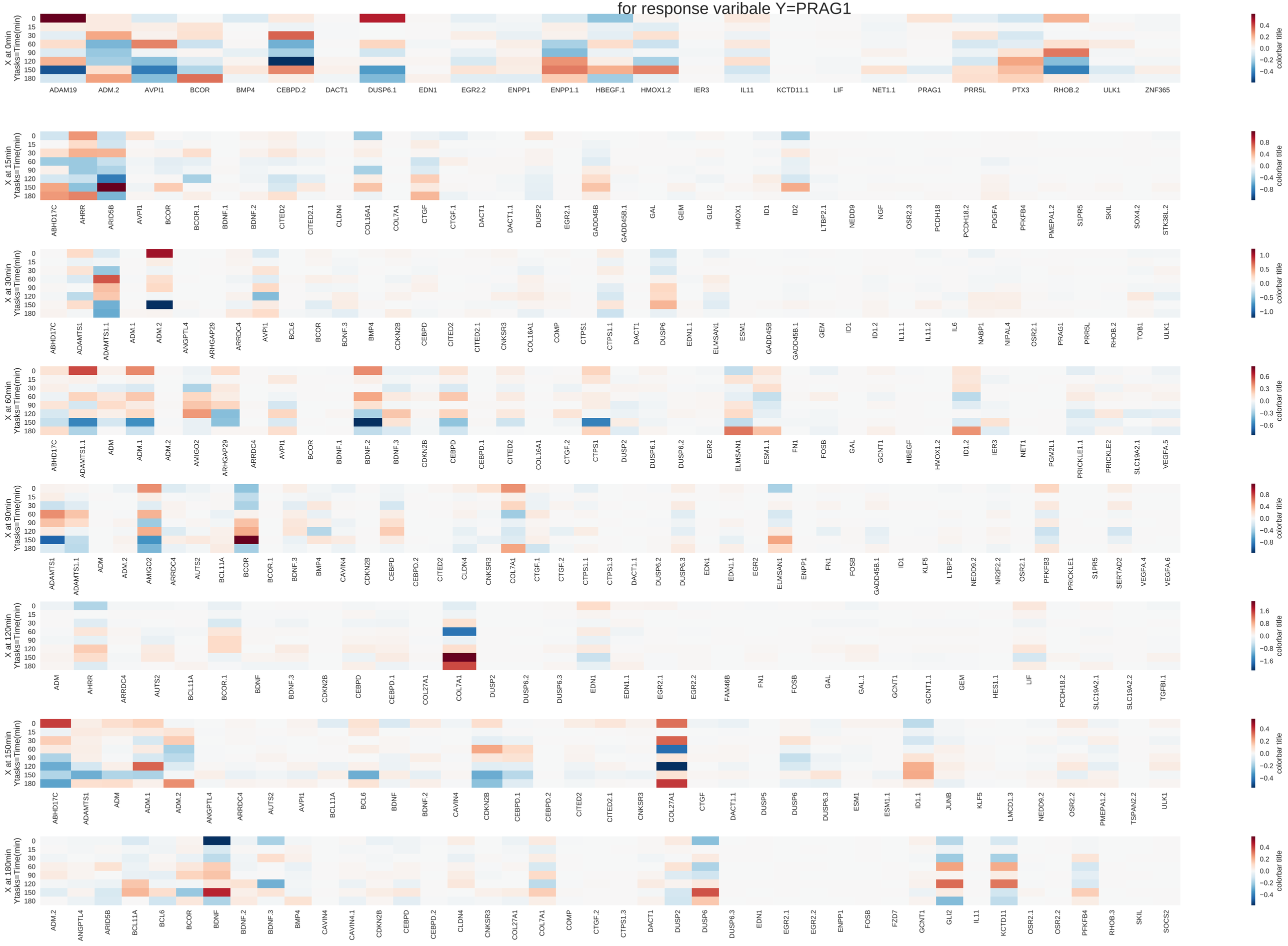
# Coefficients from multi-task LASSO regression for response varibale Y=PMEPA1.1



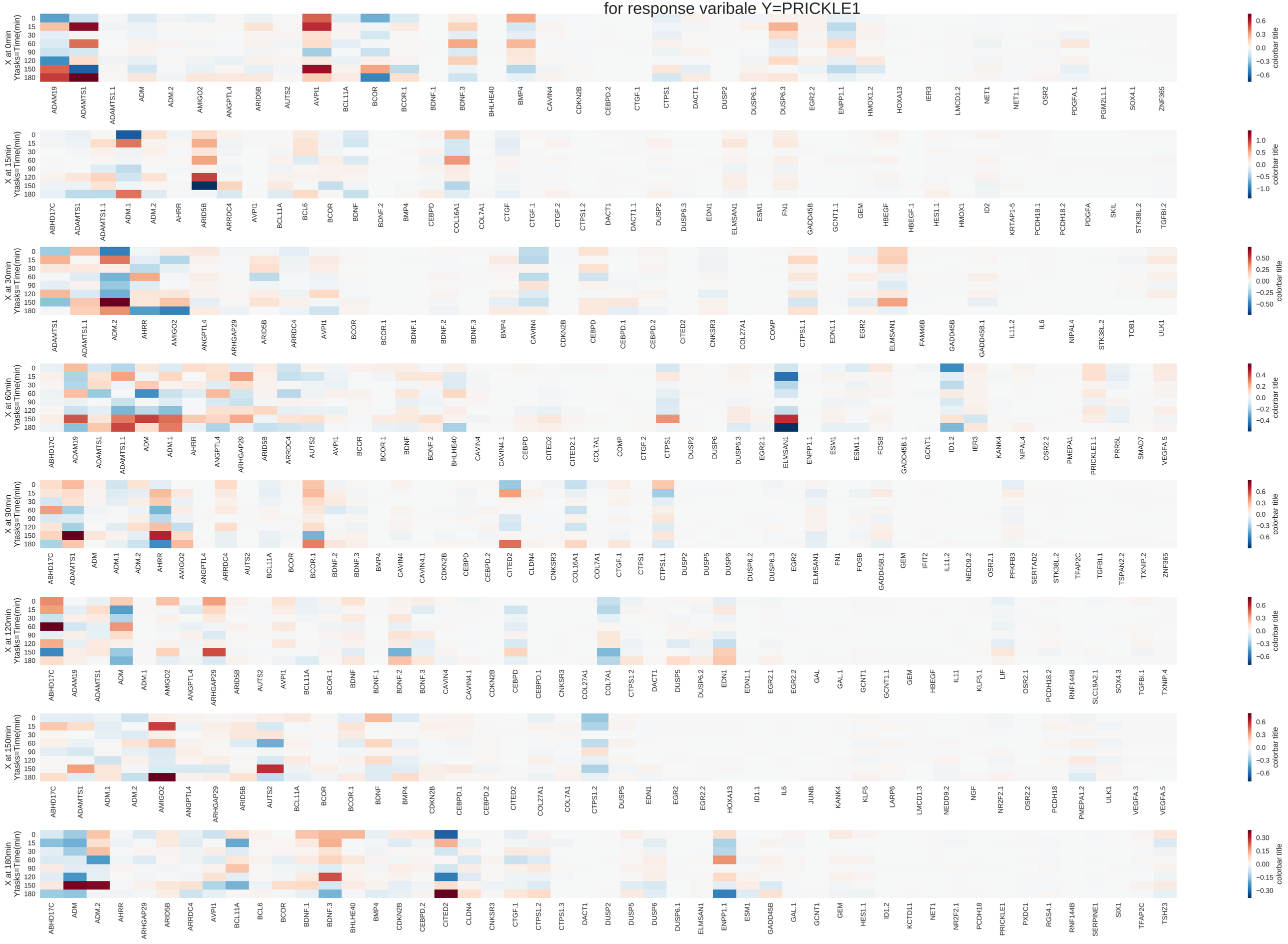
# Coefficients from multi-task LASSO regression for response varibale Y=PMEPA1.2



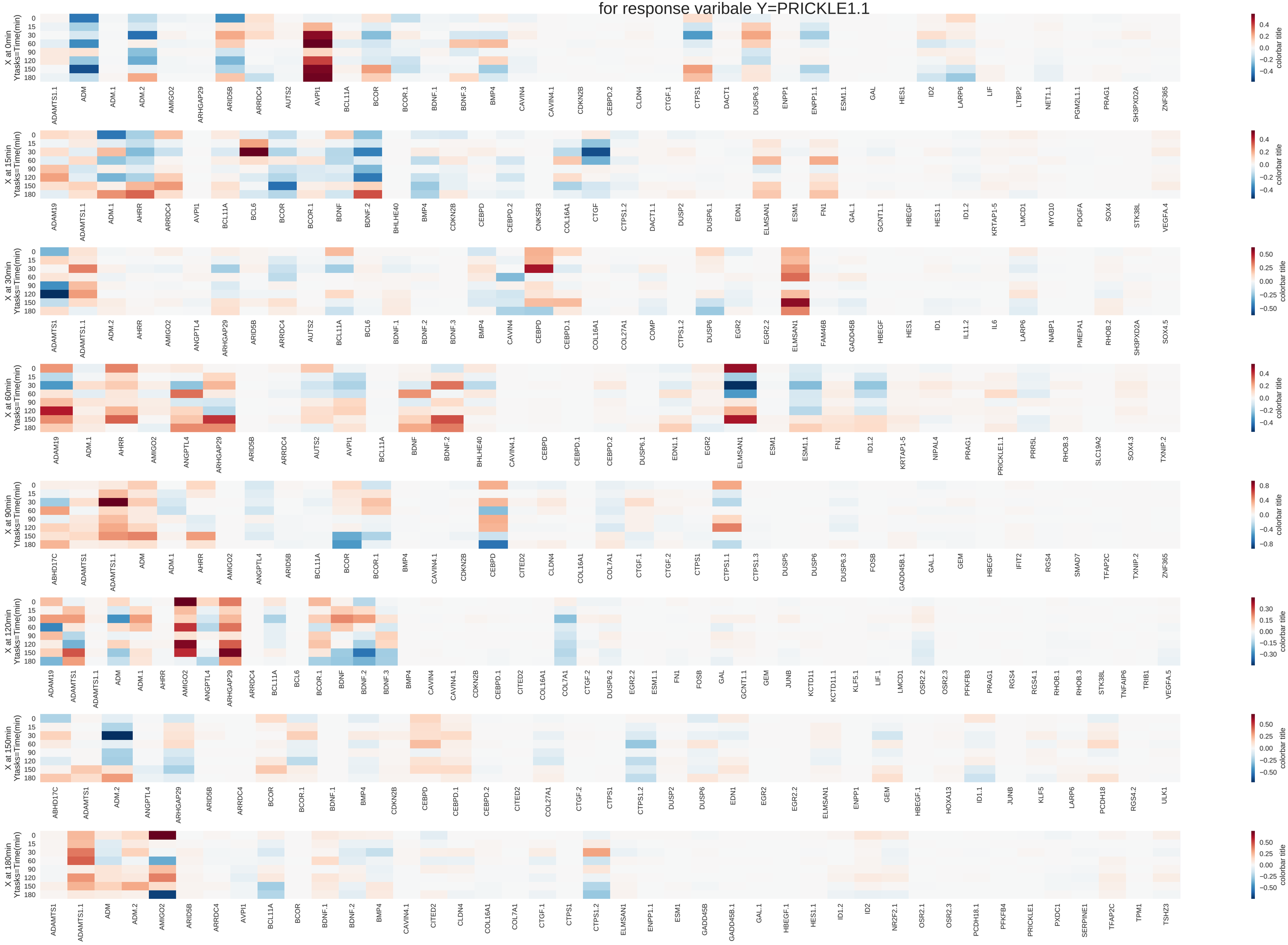
# Coefficients from multi-task LASSO regression for response varibale Y=PRAG1



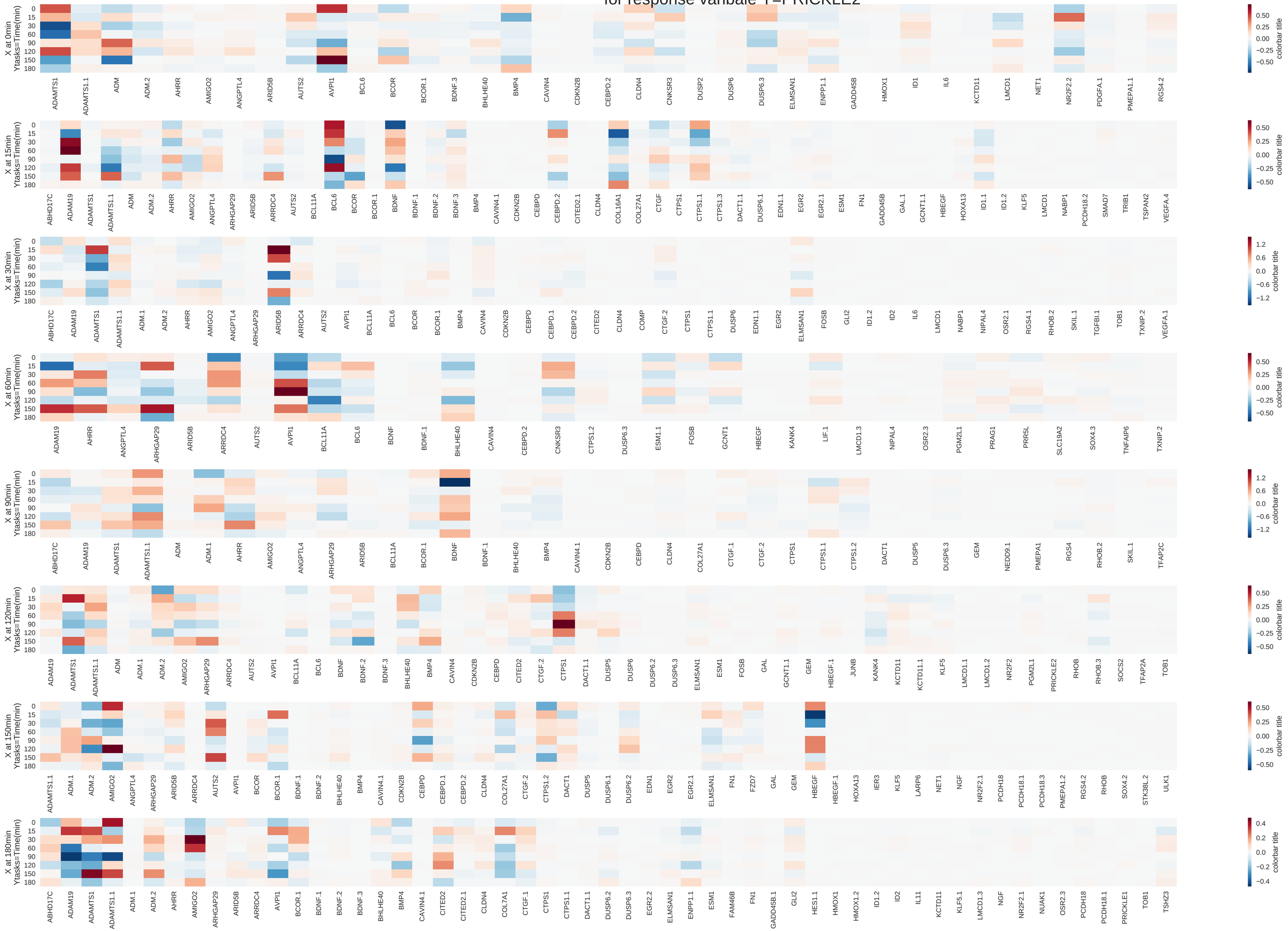
# Coefficients from multi-task LASSO regression for response varibale Y=PRICKLE1



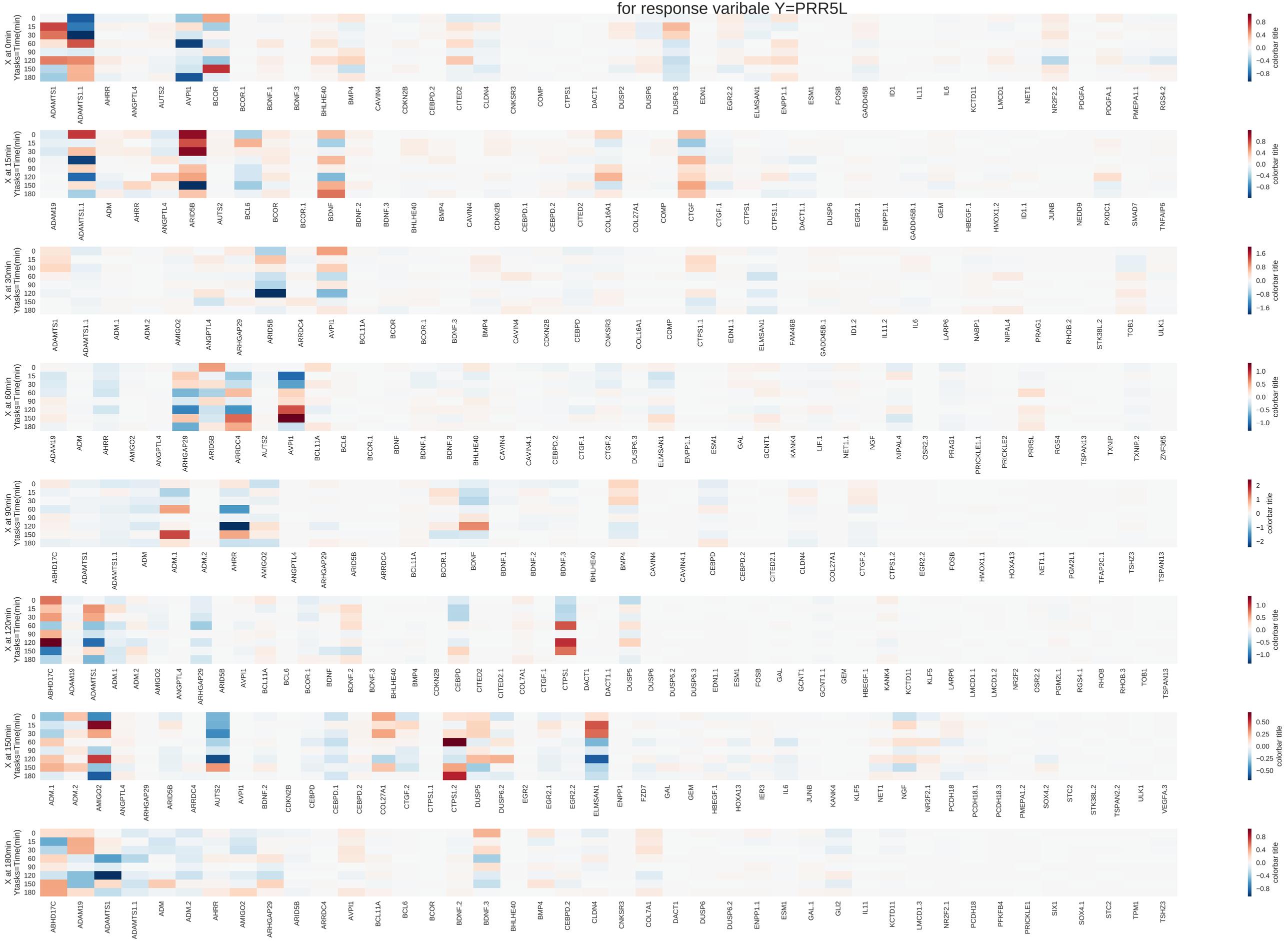
# Coefficients from multi-task LASSO regression for response varibale Y=PRICKLE1.1



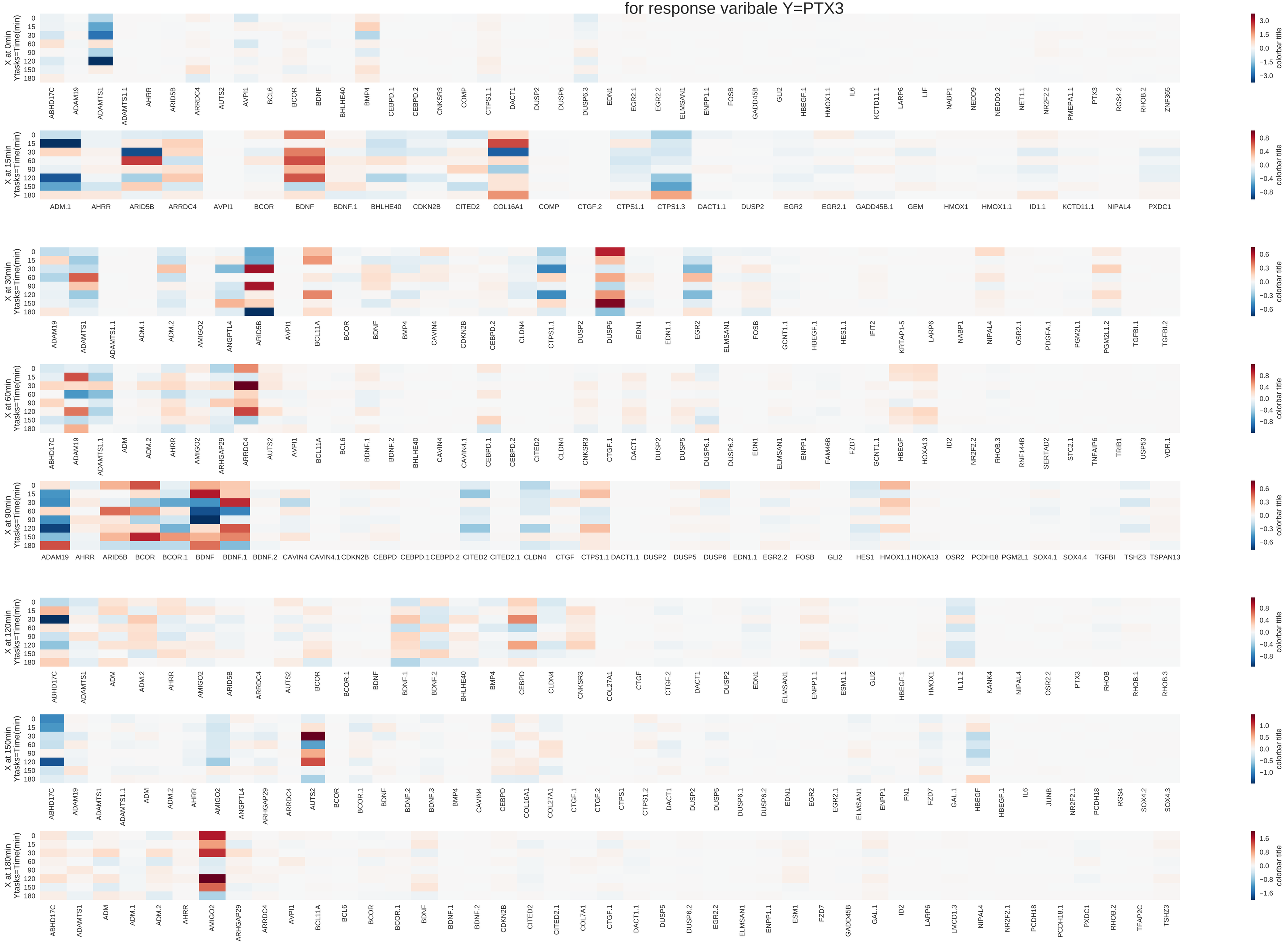
# Coefficients from multi-task LASSO regression for response varibale Y=PRICKLE2



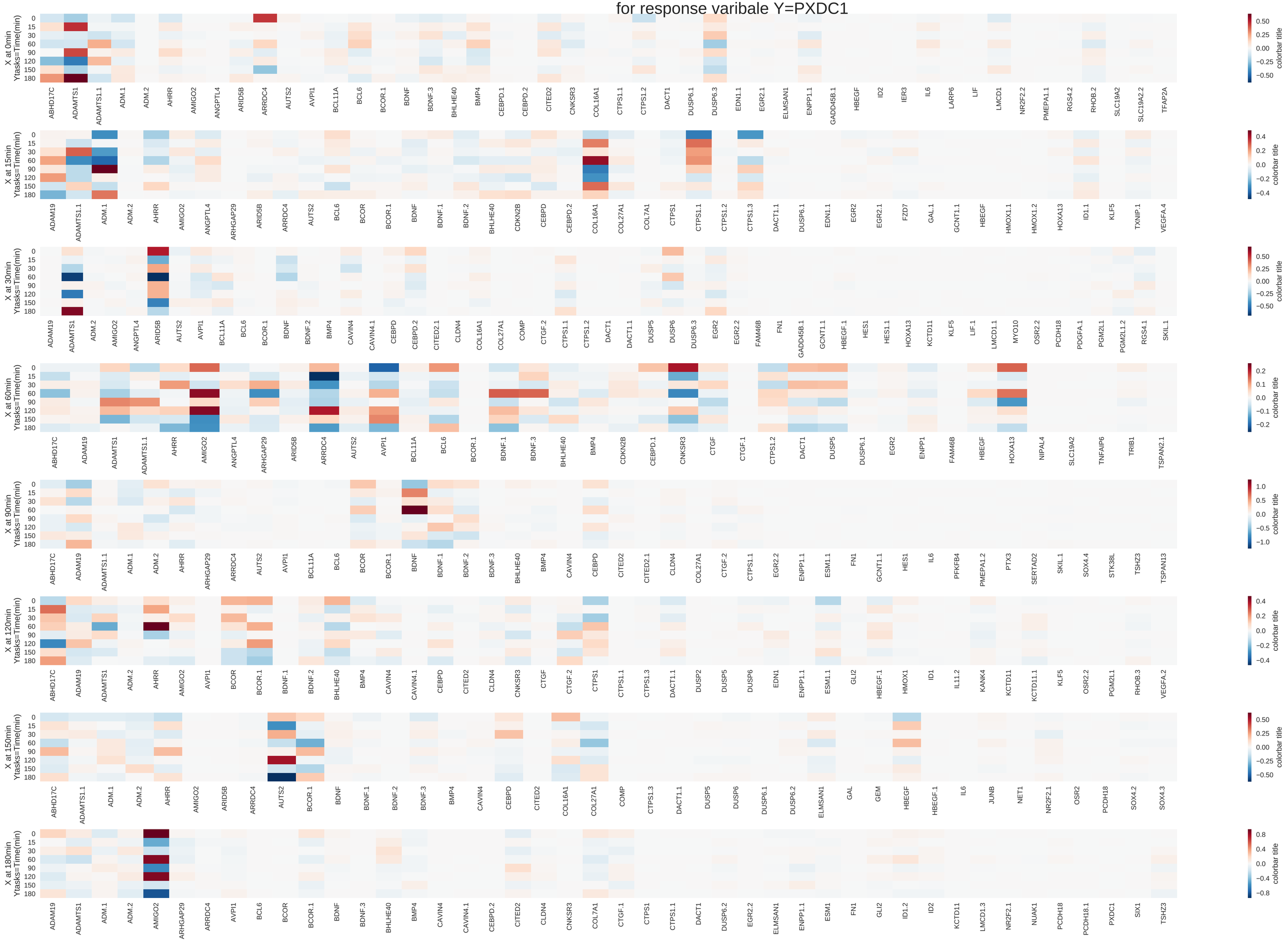
# Coefficients from multi-task LASSO regression for response varibale Y=PRR5L



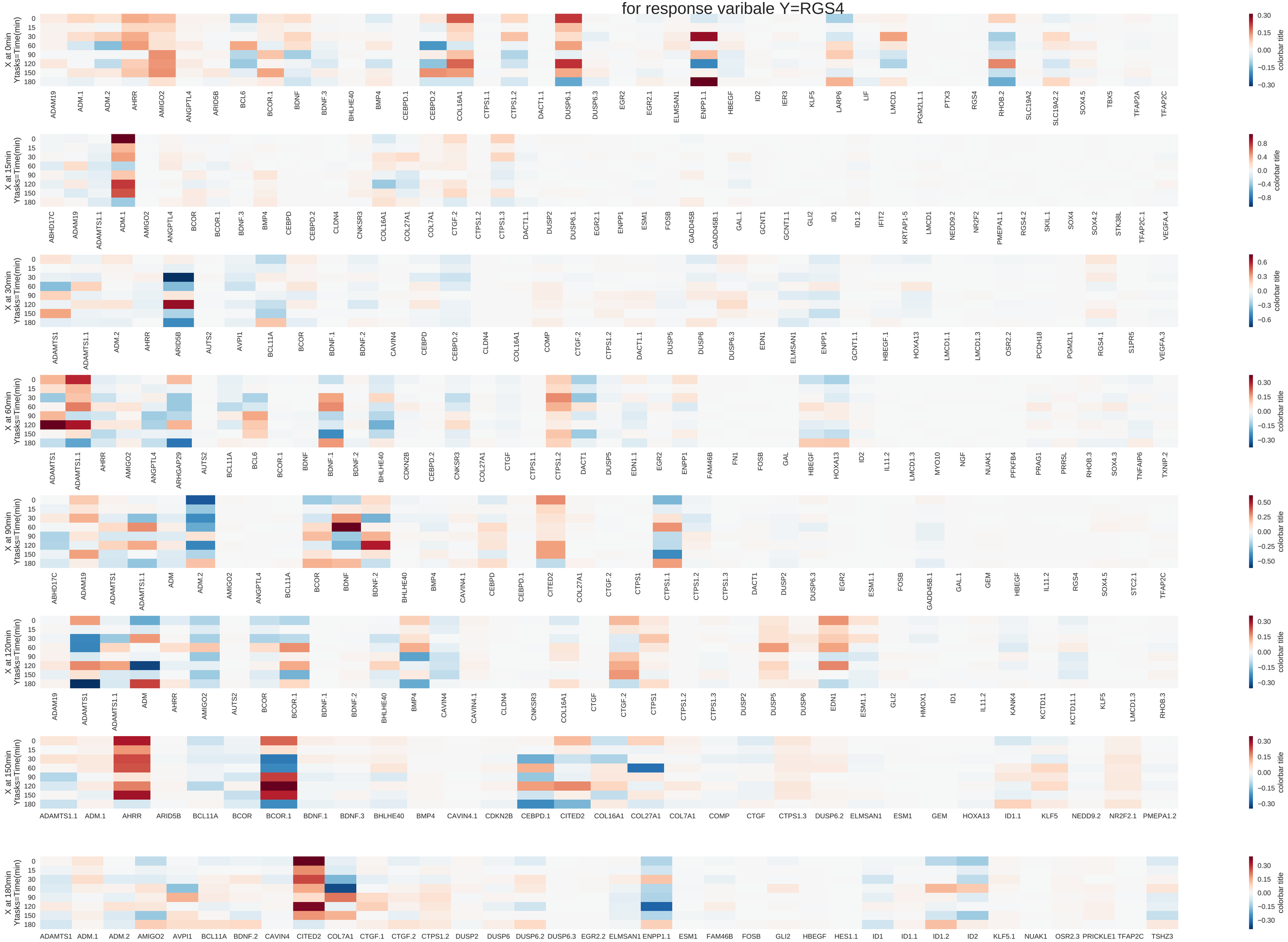
# Coefficients from multi-task LASSO regression for response varibale Y=PTX3



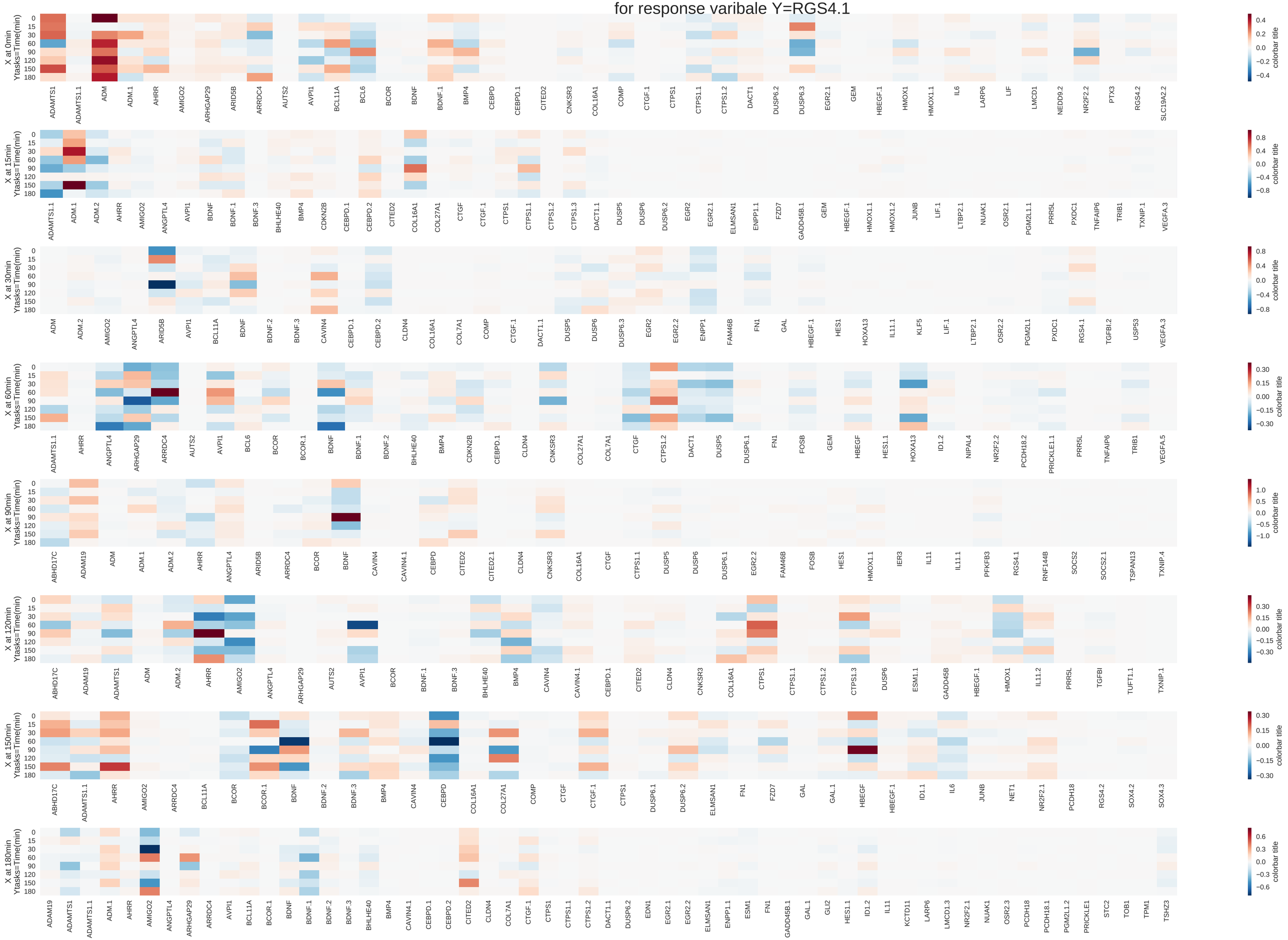
# Coefficients from multi-task LASSO regression for response varibale Y=PXDC1



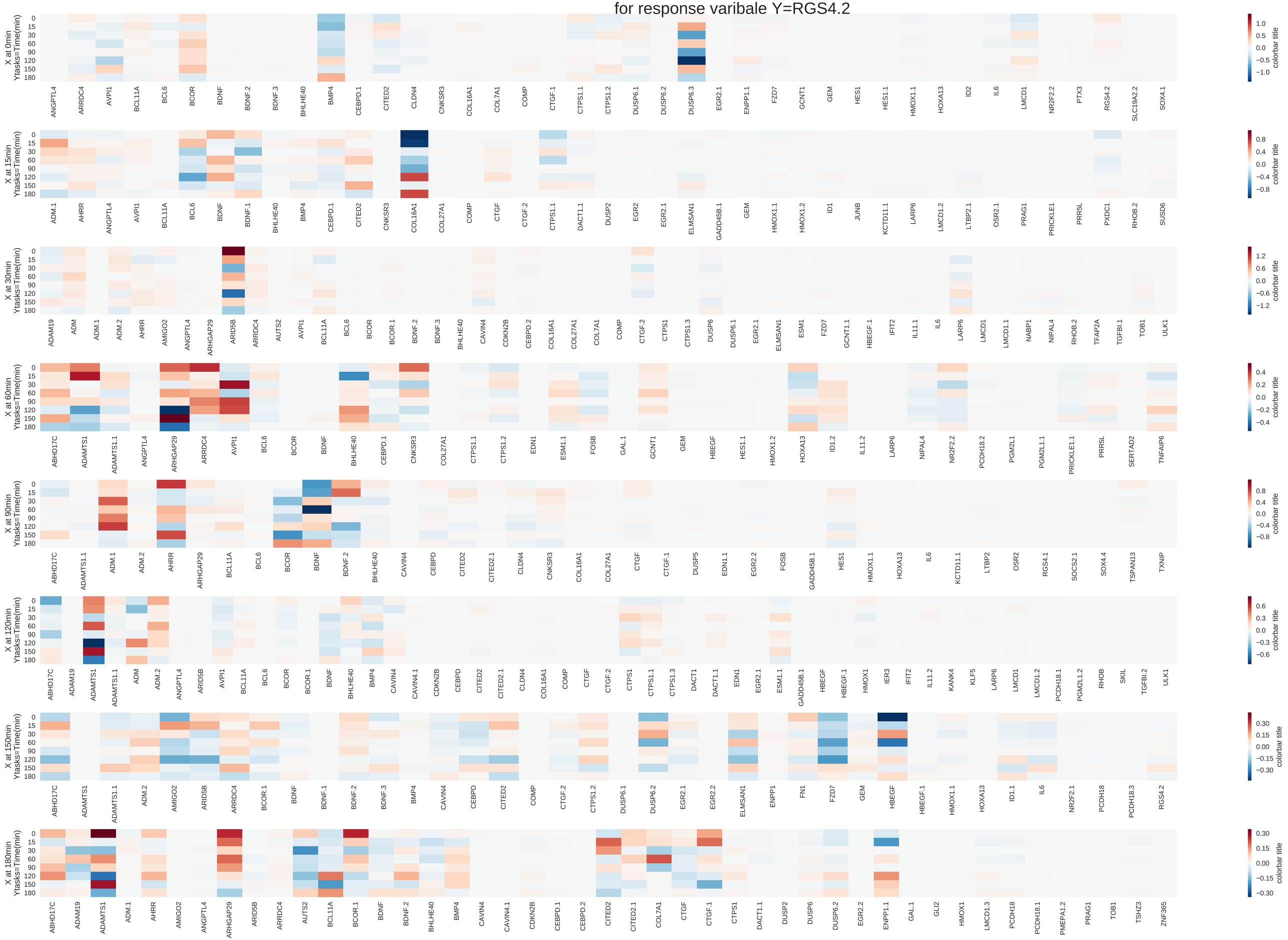
# Coefficients from multi-task LASSO regression for response varibale Y=RGS4



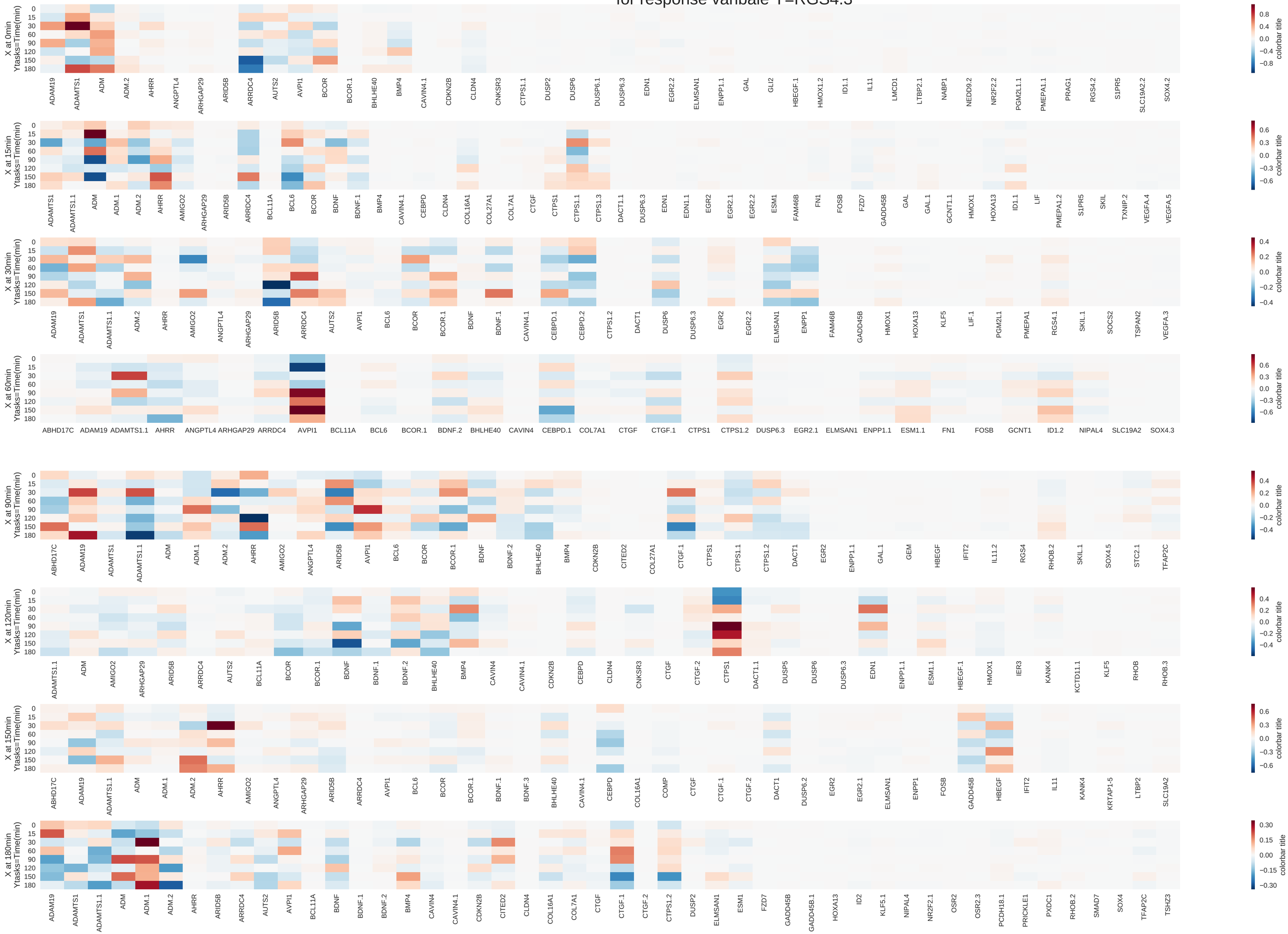
# Coefficients from multi-task LASSO regression for response varibale Y=RGS4.1



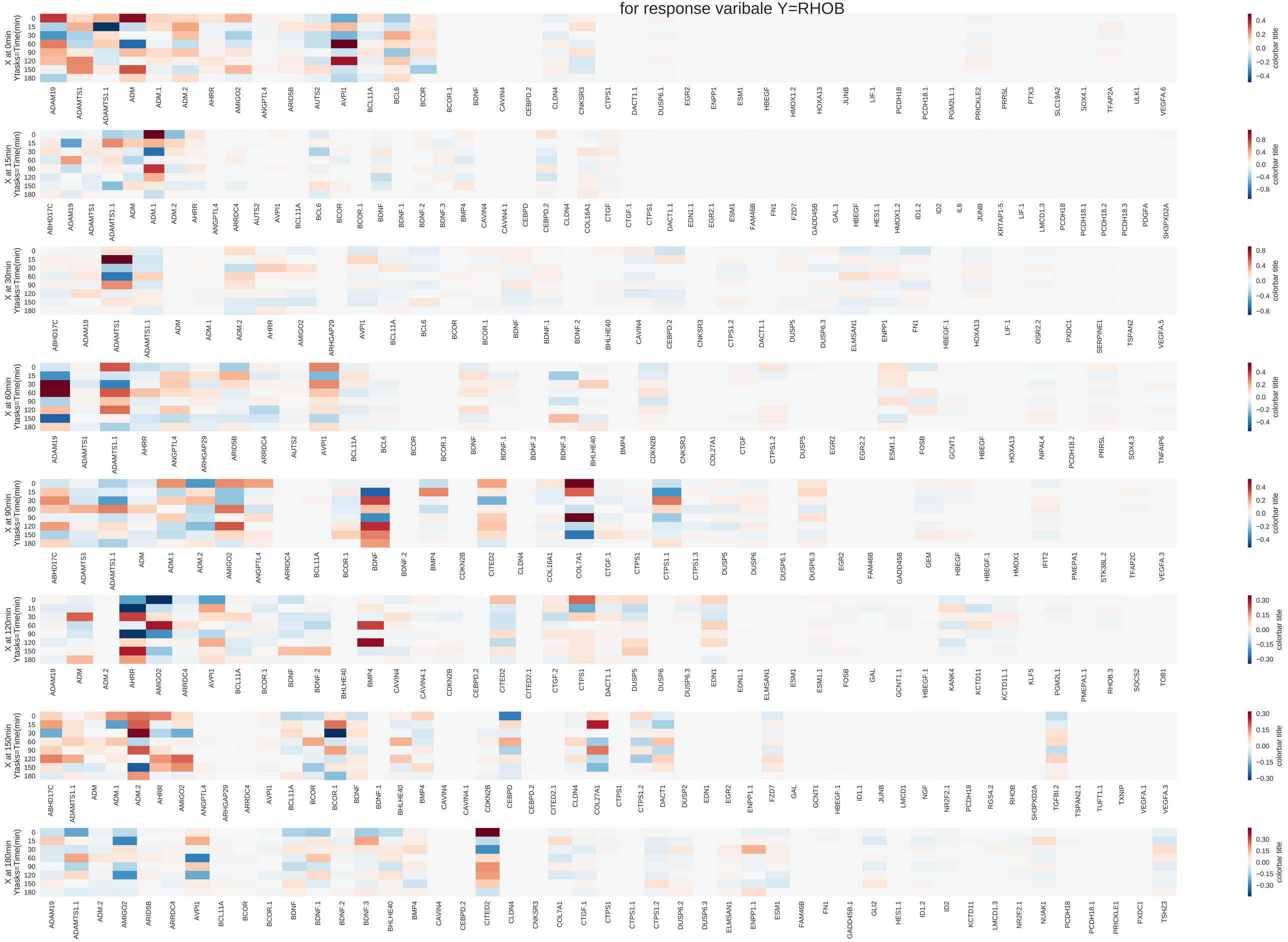
# Coefficients from multi-task LASSO regression for response varibale Y=RGS4.2



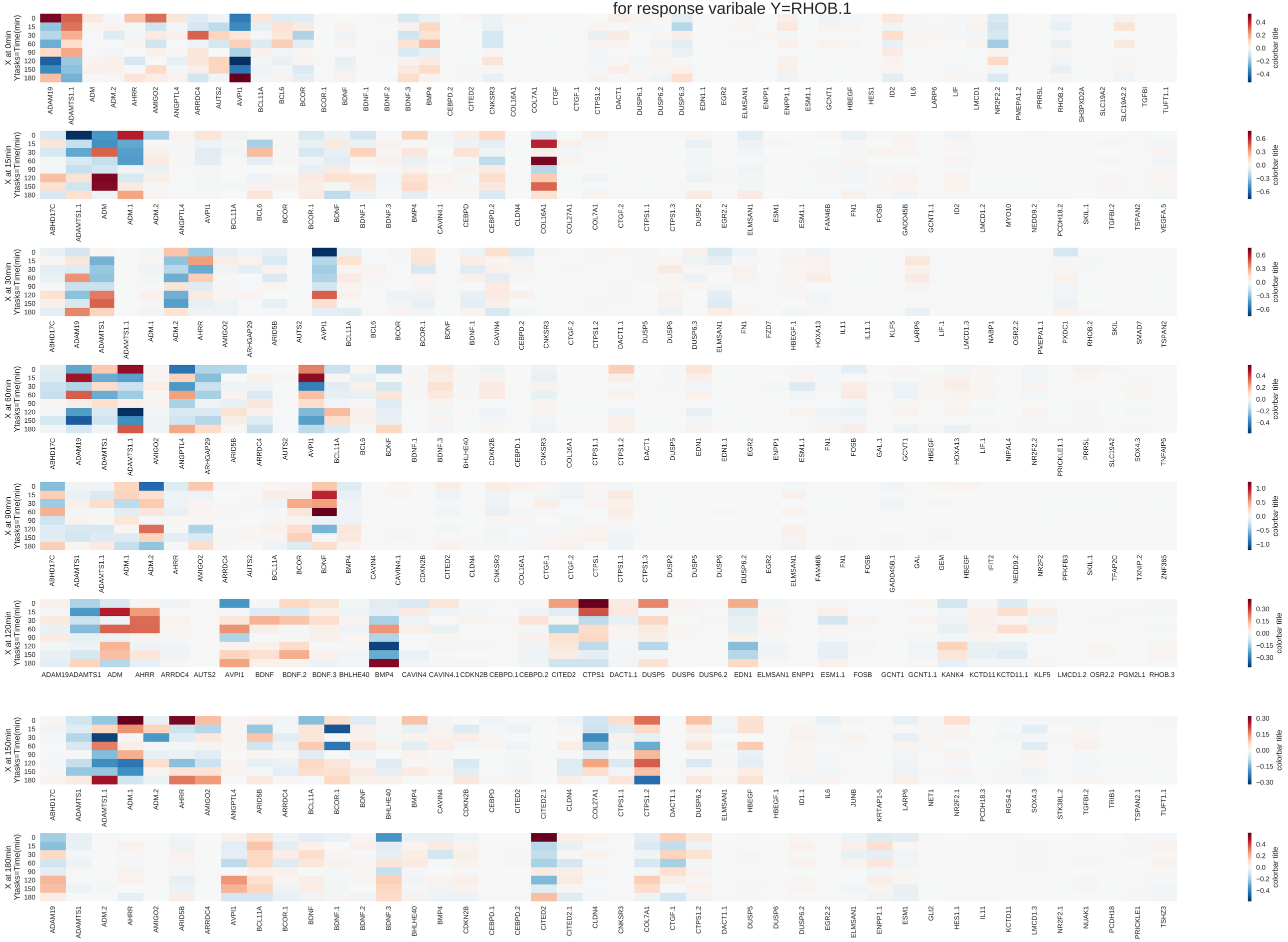
# Coefficients from multi-task LASSO regression for response varibale Y=RGS4.3



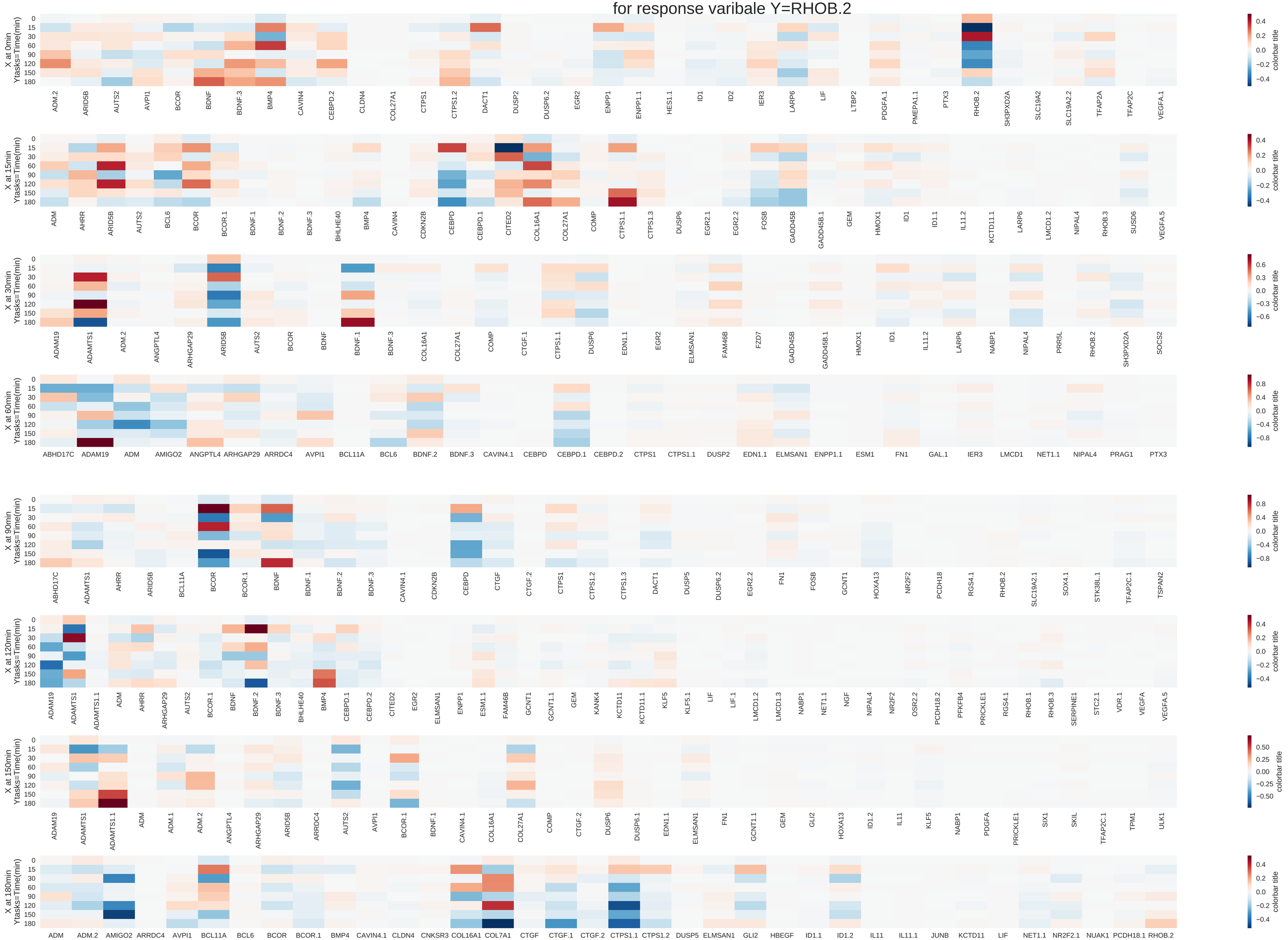
# Coefficients from multi-task LASSO regression for response varibale Y=RHOB



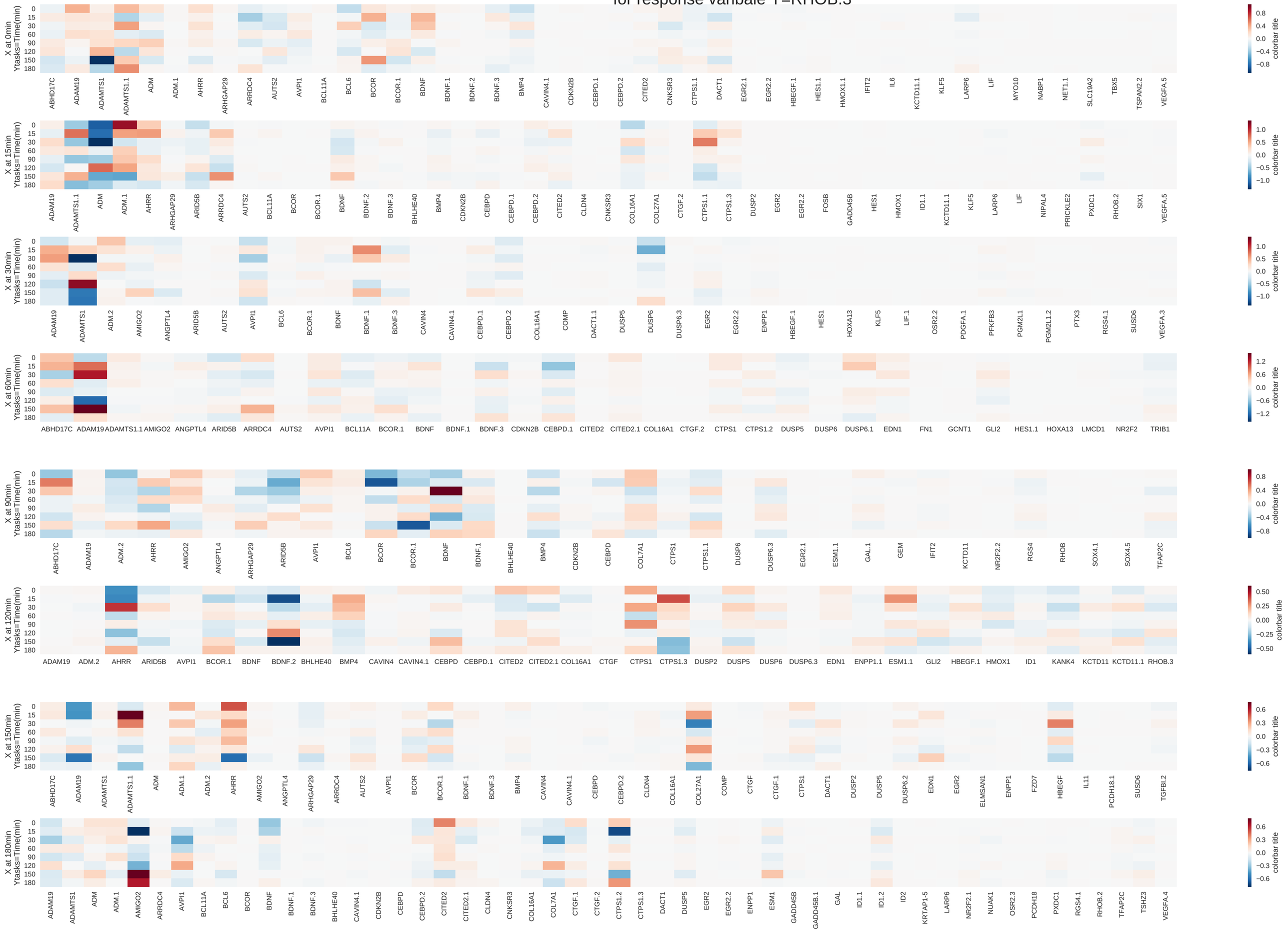
# Coefficients from multi-task LASSO regression for response varibale Y=RHOB.1



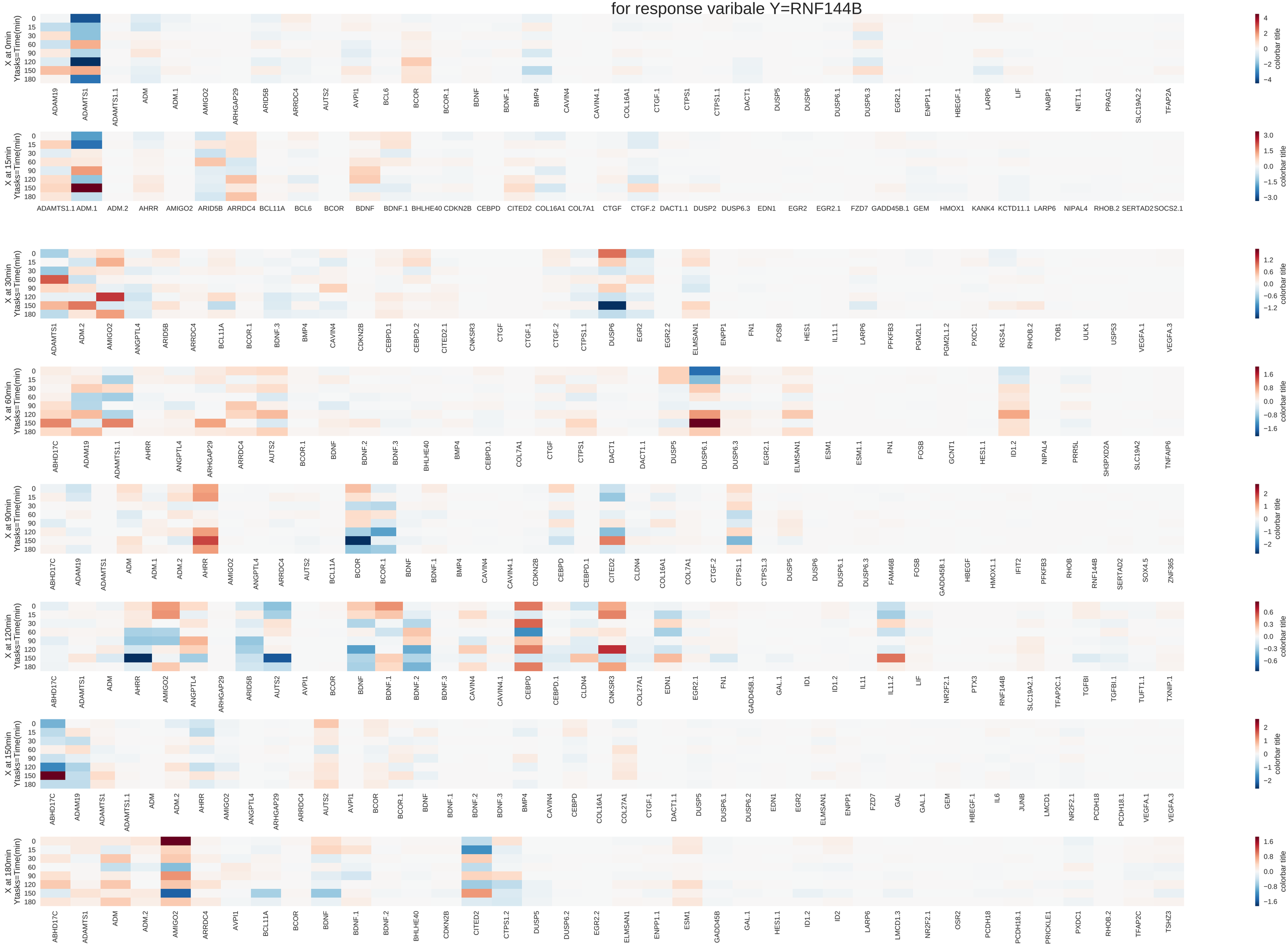
# Coefficients from multi-task LASSO regression for response varibale Y=RHOB.2



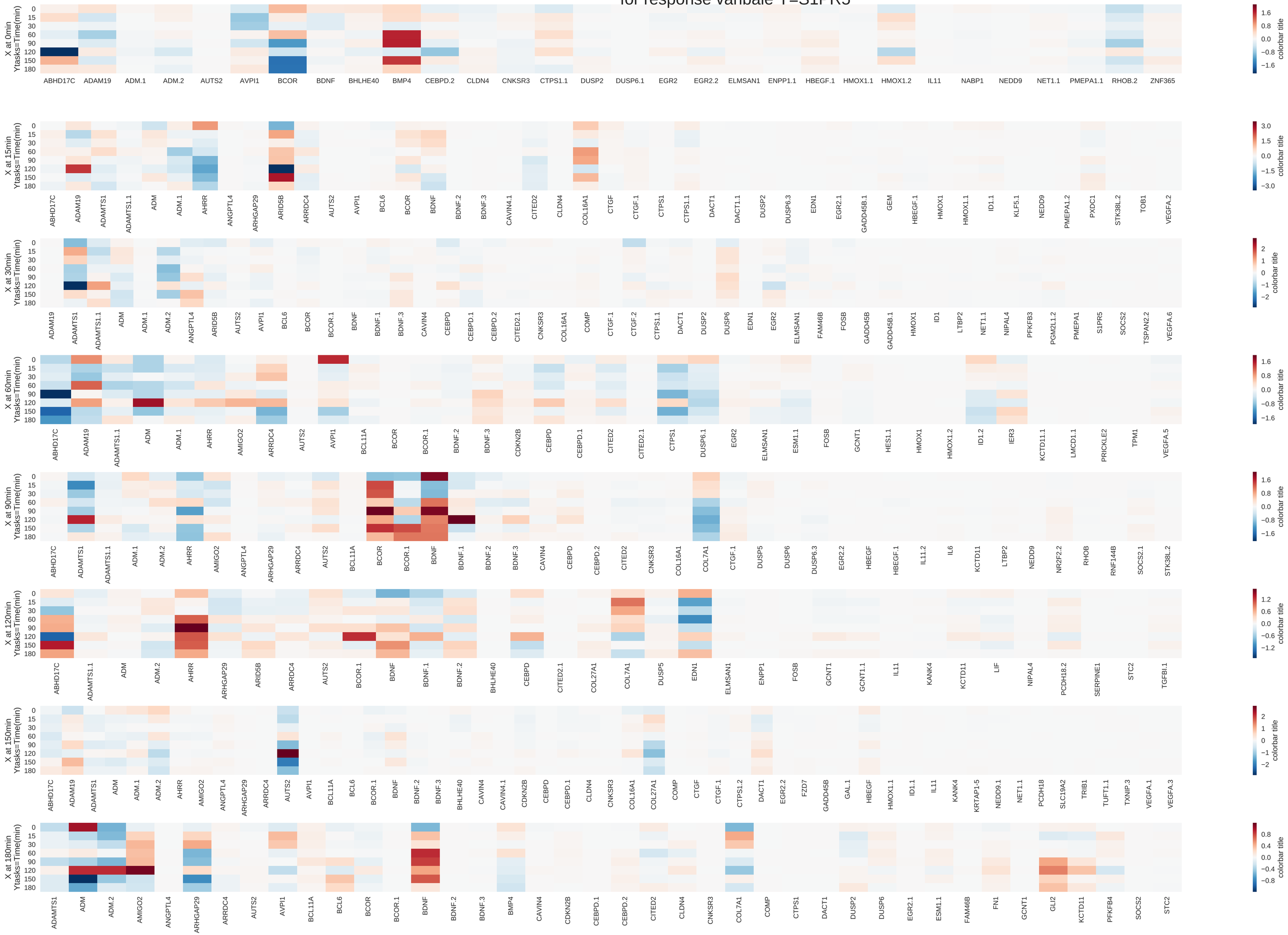
# Coefficients from multi-task LASSO regression for response varibale Y=RHOB.3



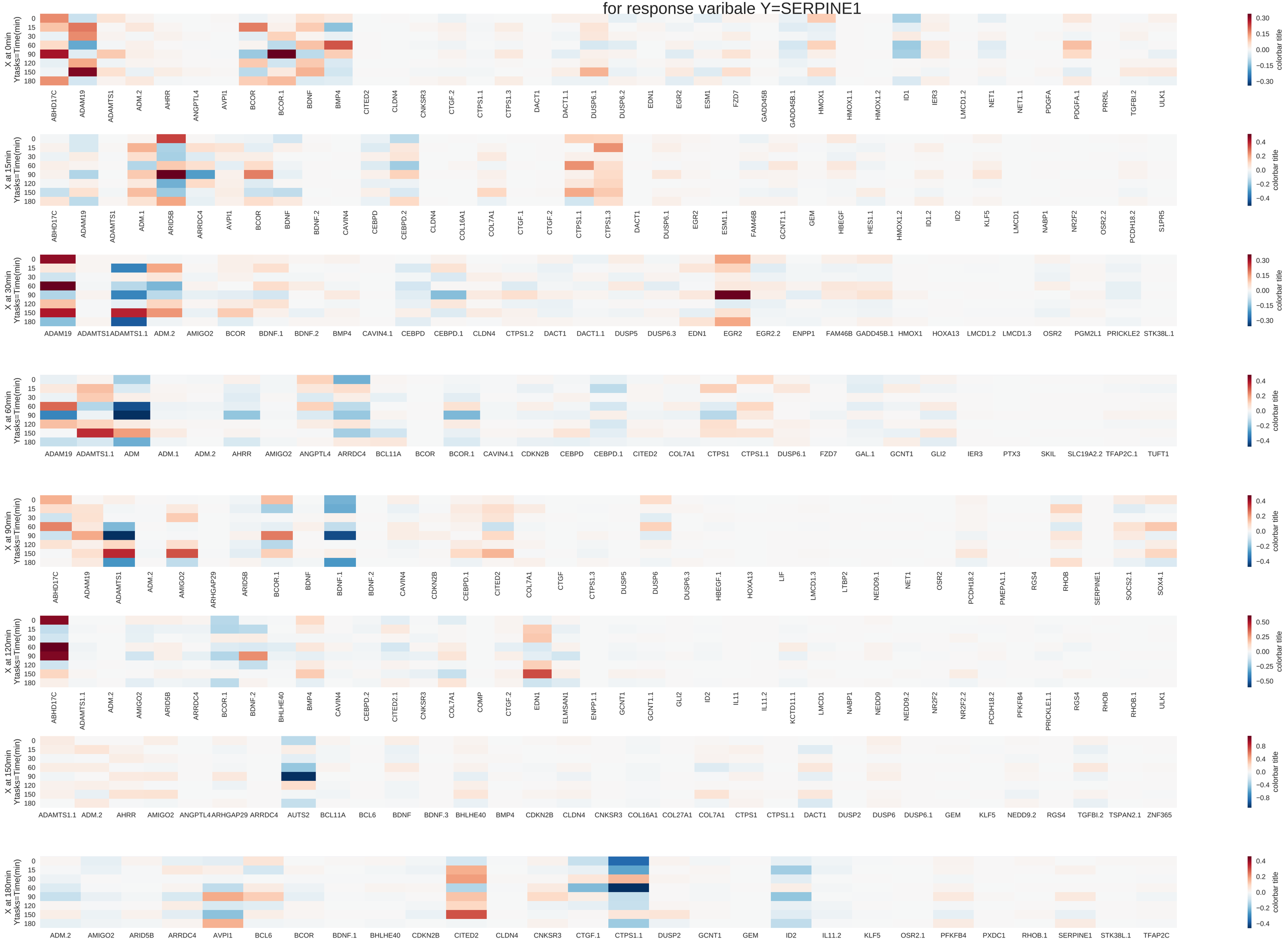
# Coefficients from multi-task LASSO regression for response varibale Y=RNF144B



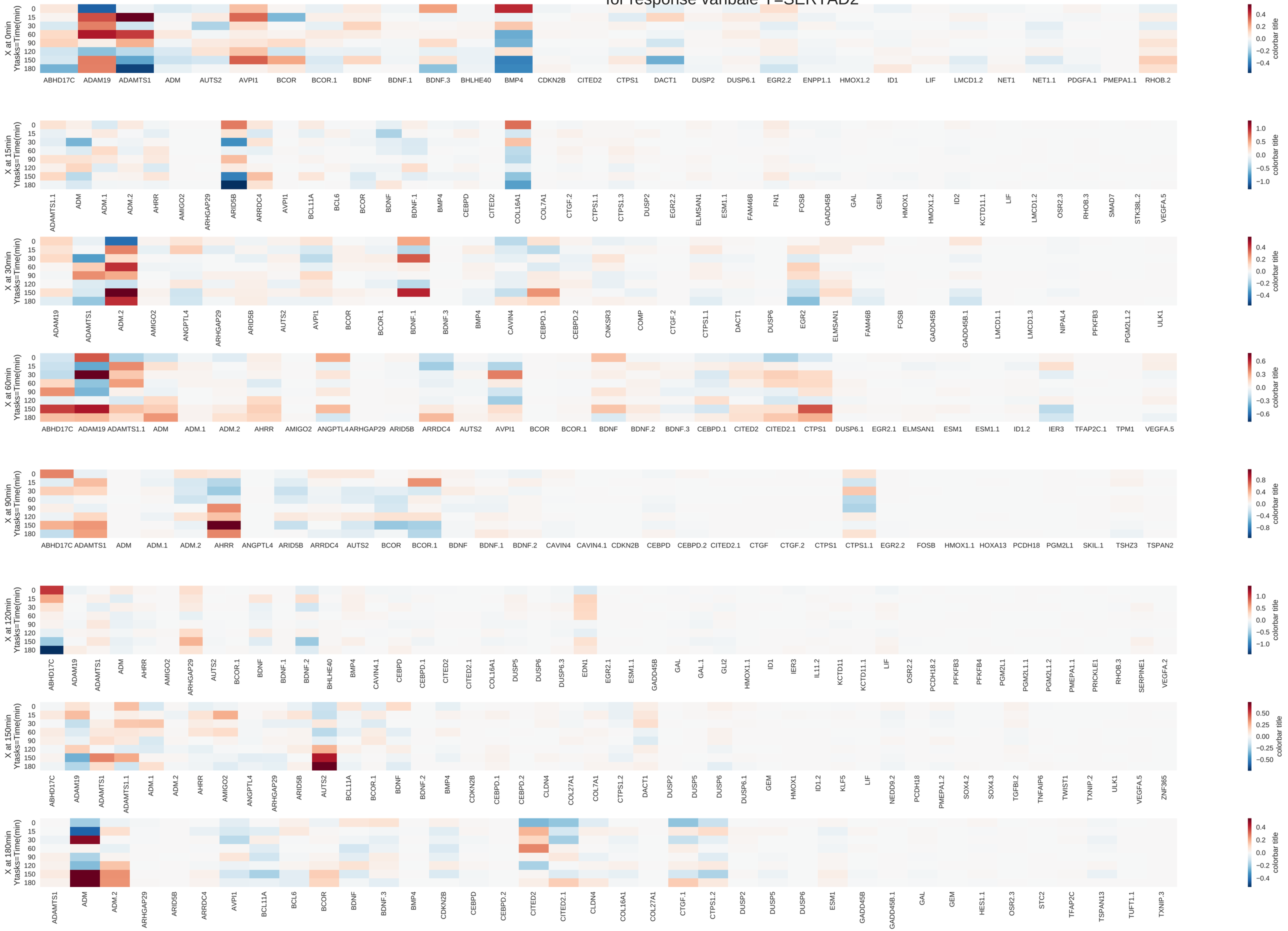
# Coefficients from multi-task LASSO regression for response varibale Y=S1PR5



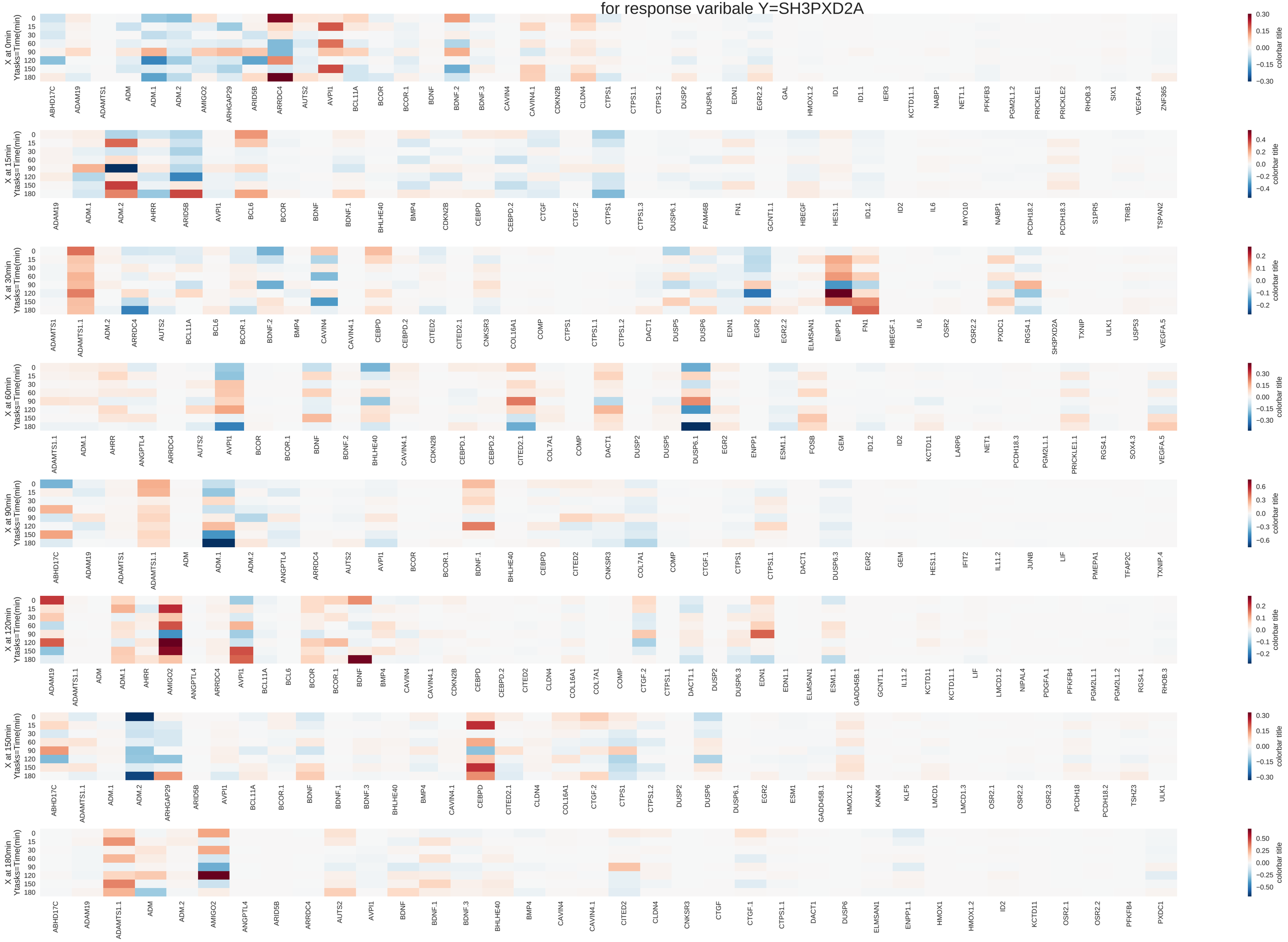
# Coefficients from multi-task LASSO regression for response varibale Y=SERPINE1



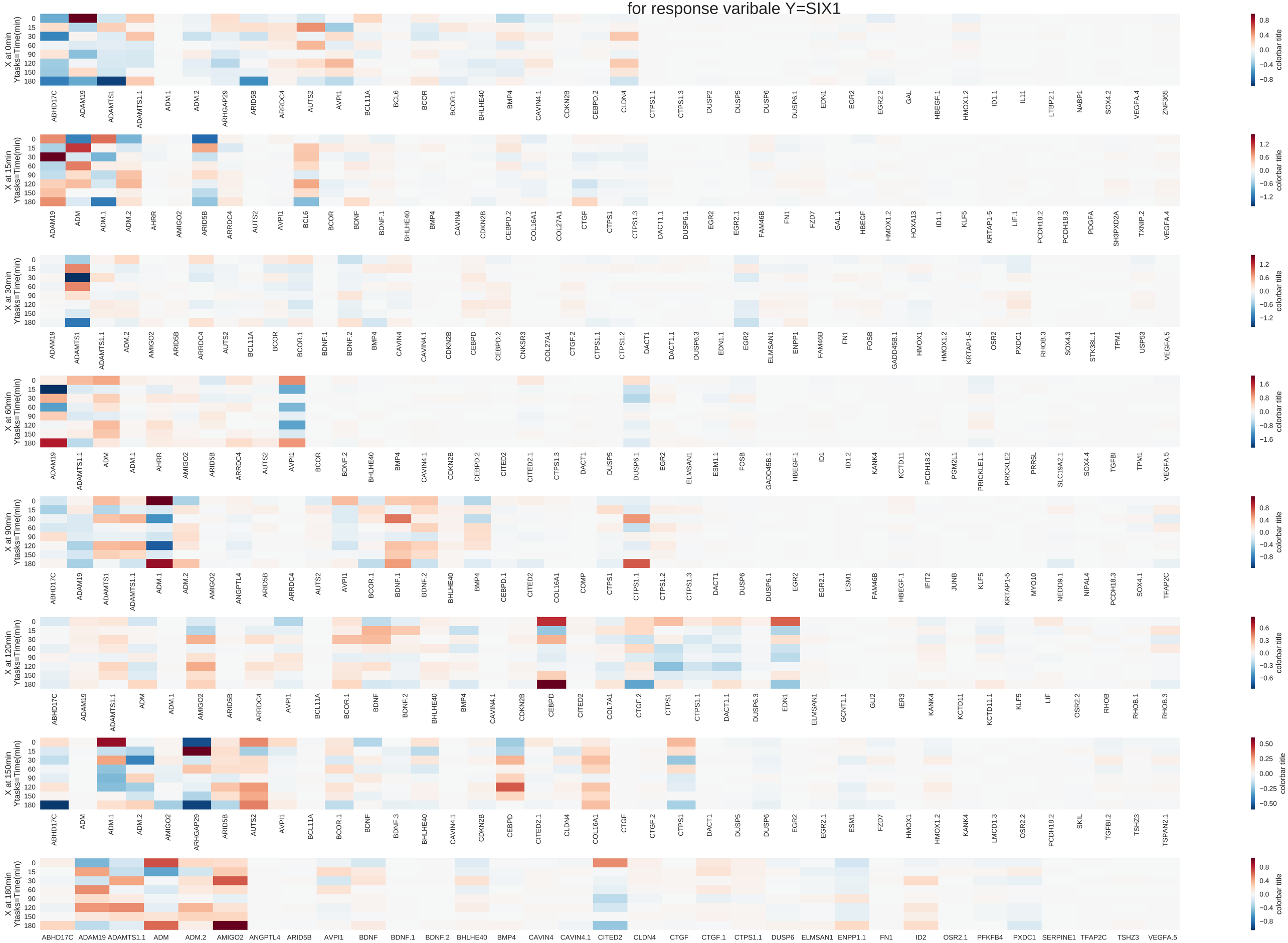
# Coefficients from multi-task LASSO regression for response varibale Y=SERTAD2



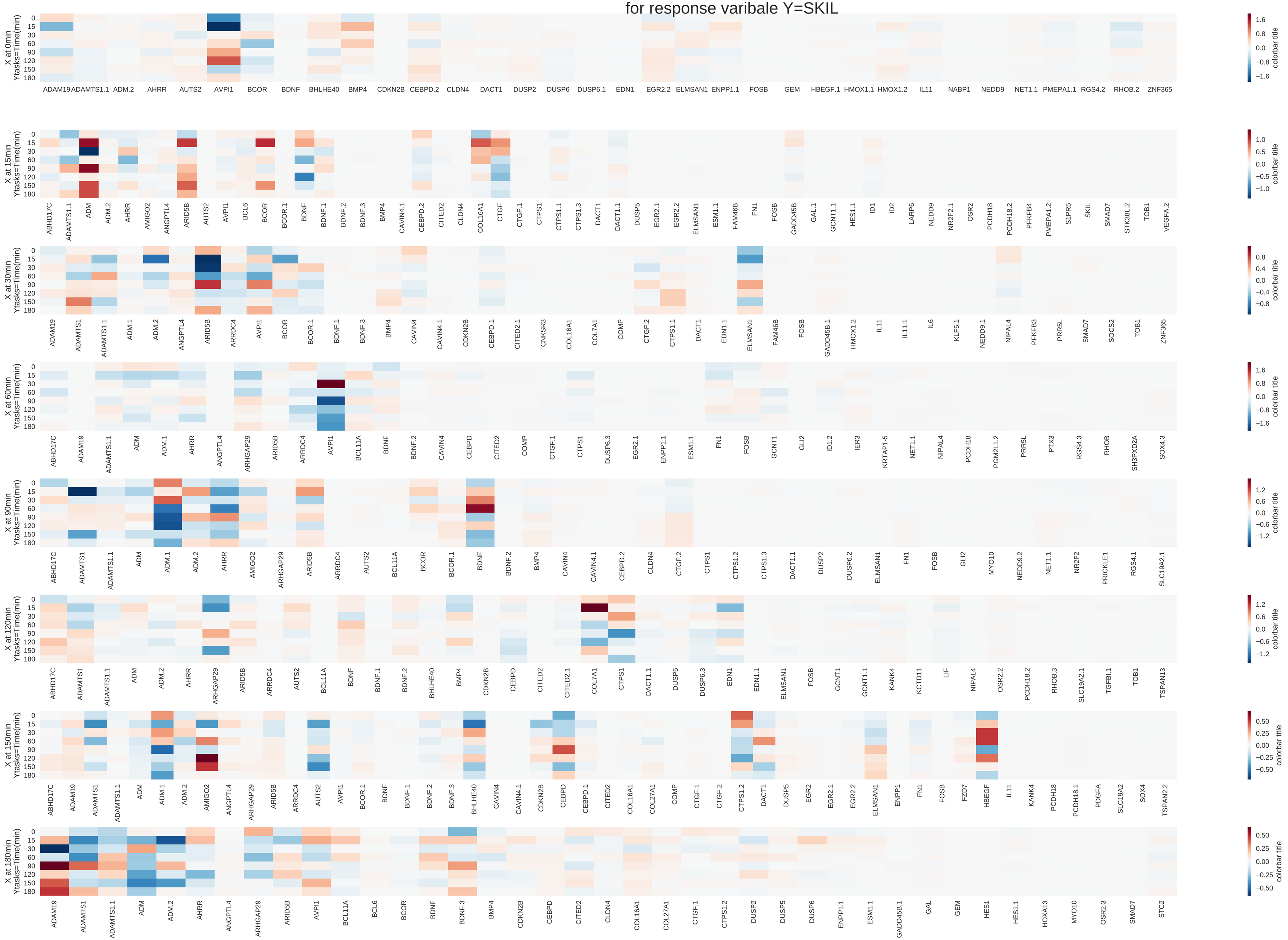
# Coefficients from multi-task LASSO regression for response varibale Y=SH3PXD2A



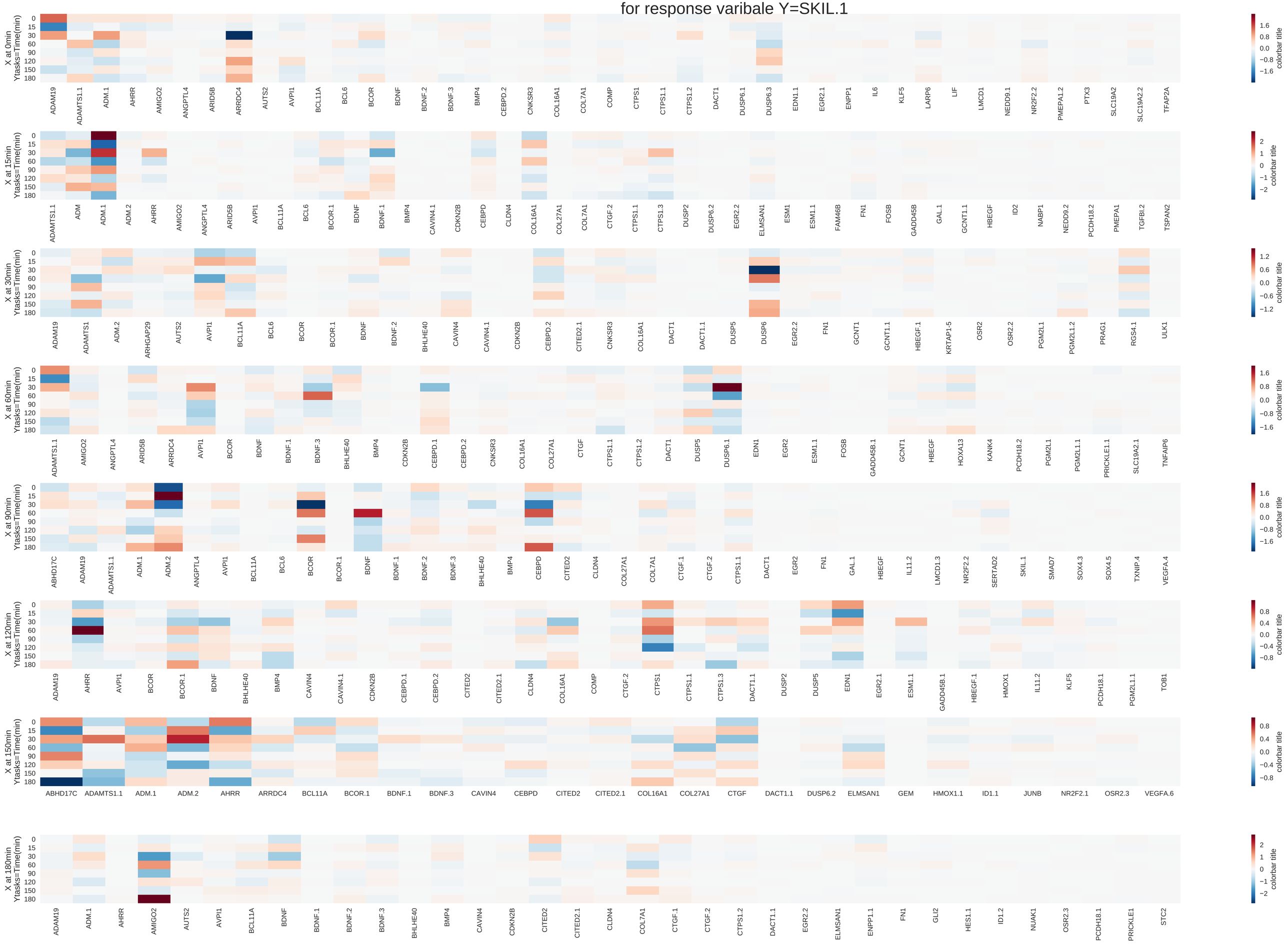
# Coefficients from multi-task LASSO regression for response varibale Y=SIX1



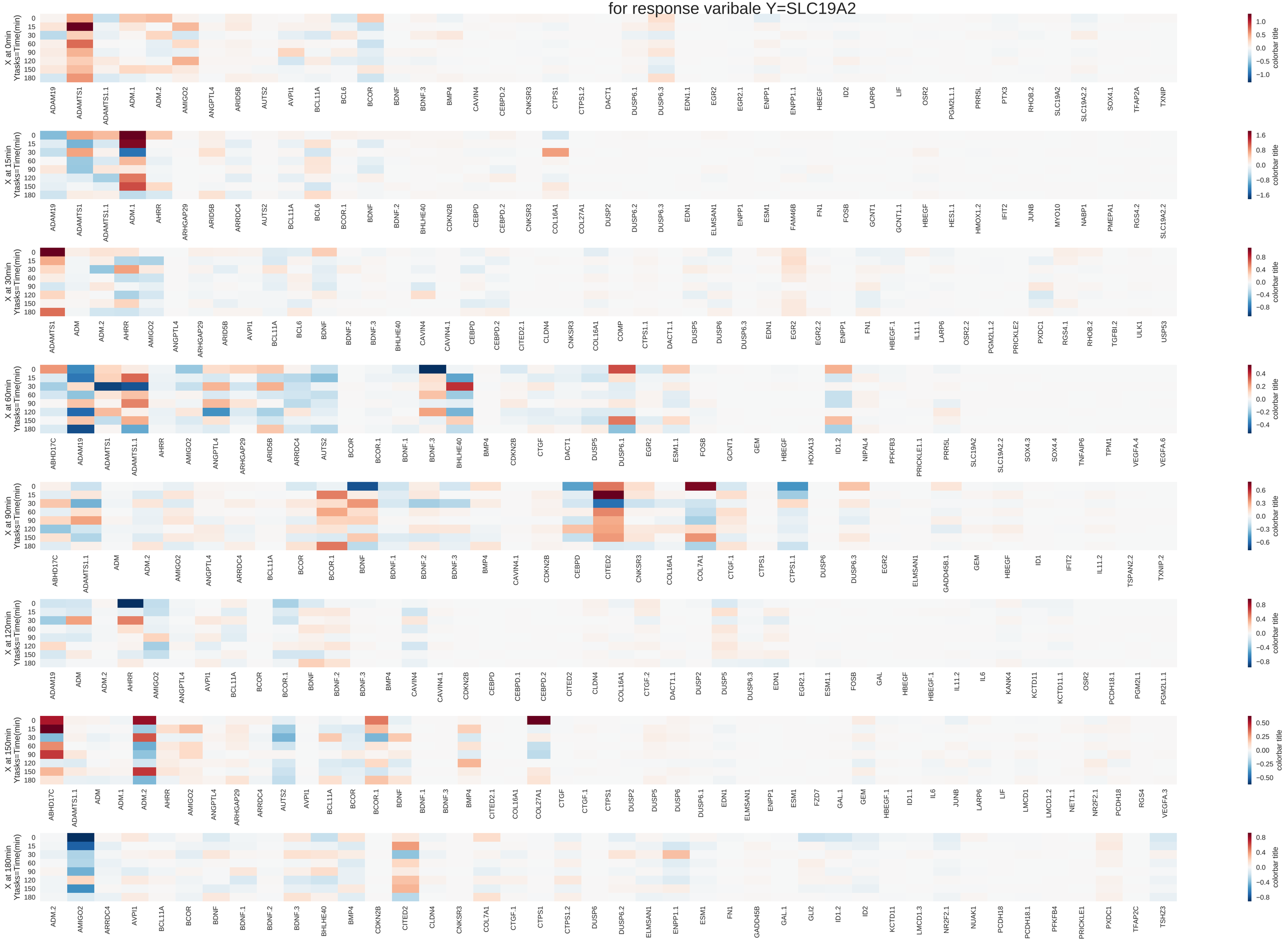
# Coefficients from multi-task LASSO regression for response varibale Y=SKIL



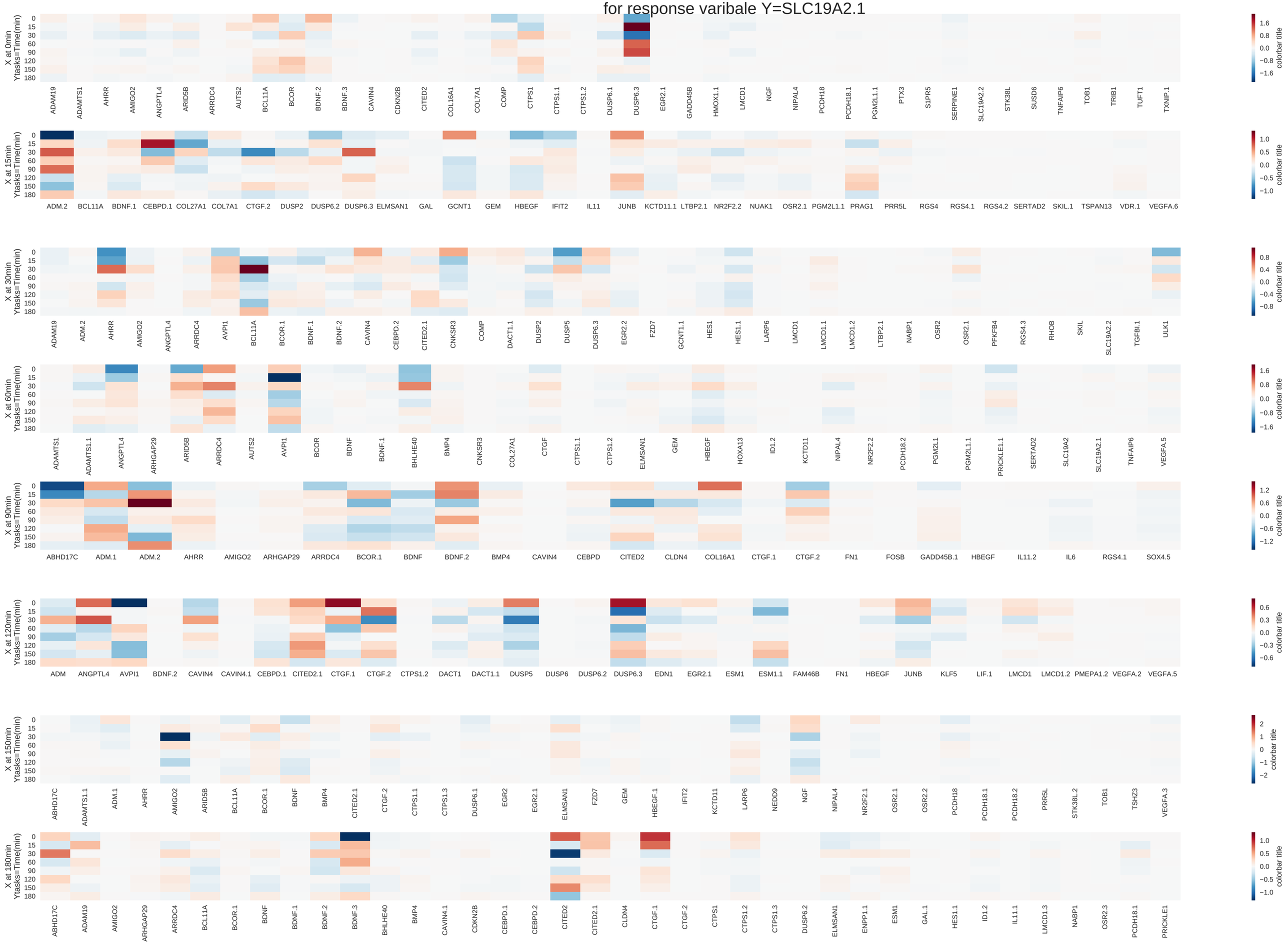
# Coefficients from multi-task LASSO regression for response varibale Y=SKIL.1



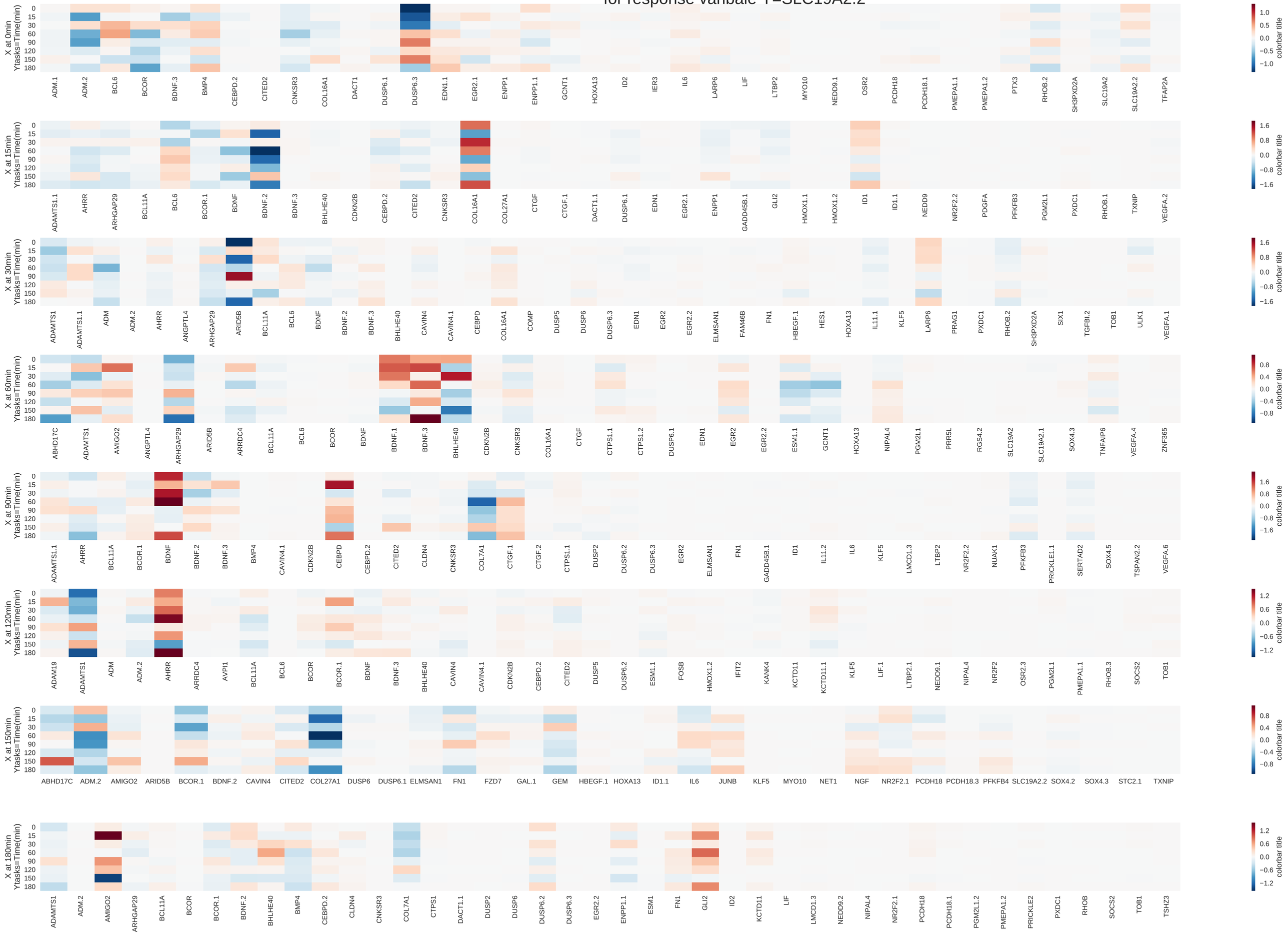
# Coefficients from multi-task LASSO regression for response varibale Y=SLC19A2



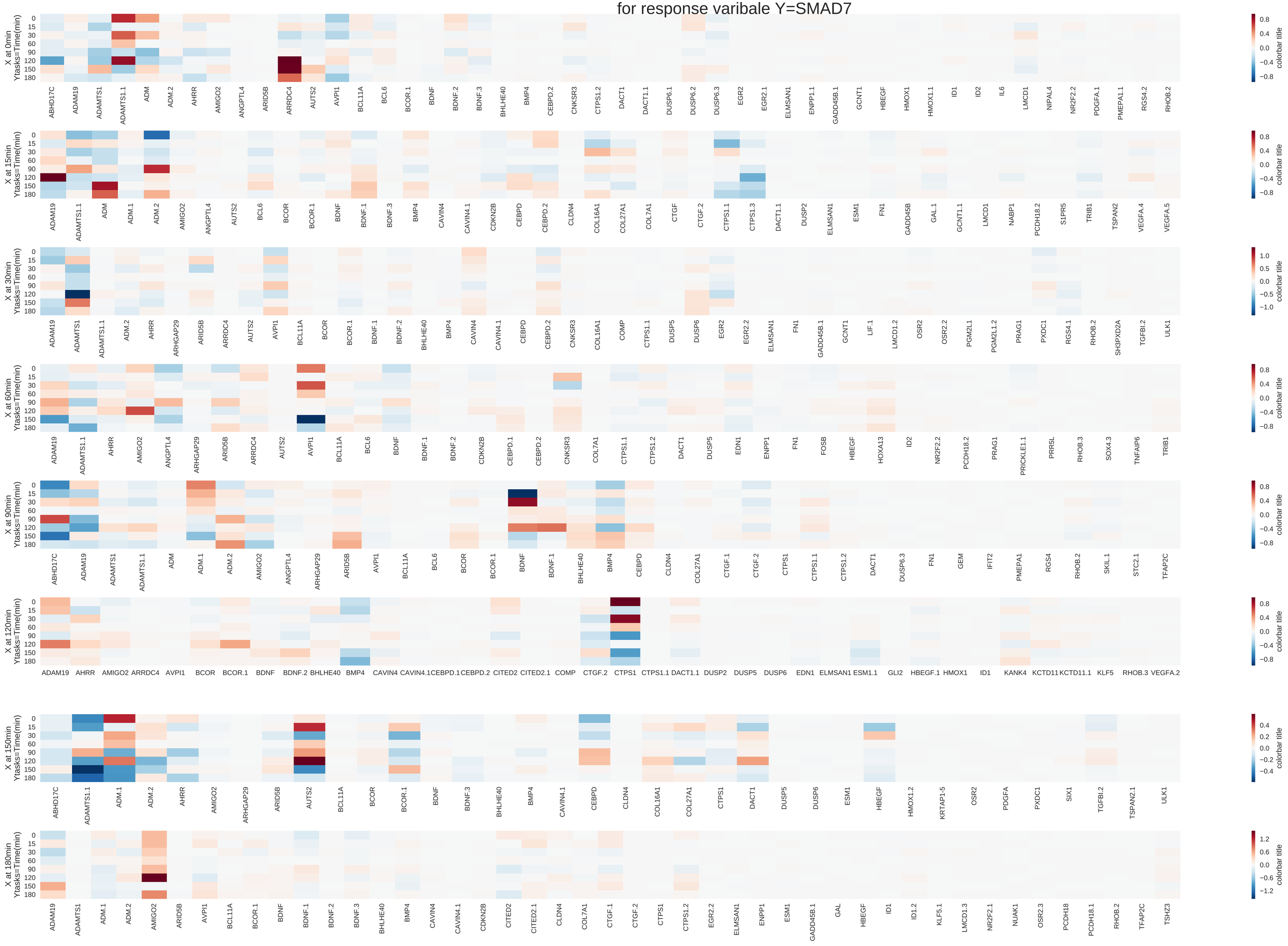
# Coefficients from multi-task LASSO regression for response varibale Y=SLC19A2.1



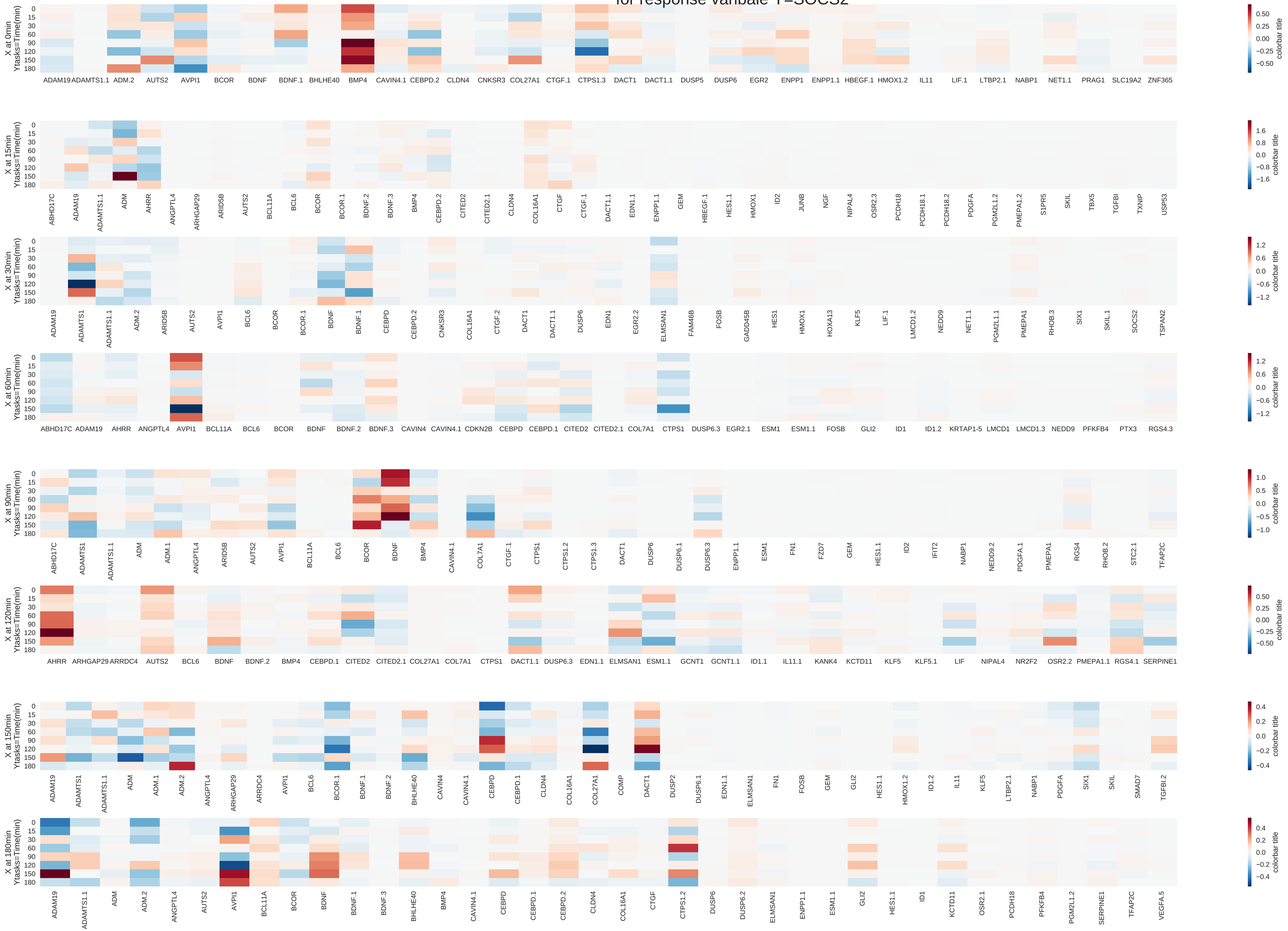
# Coefficients from multi-task LASSO regression for response varibale Y=SLC19A2.2



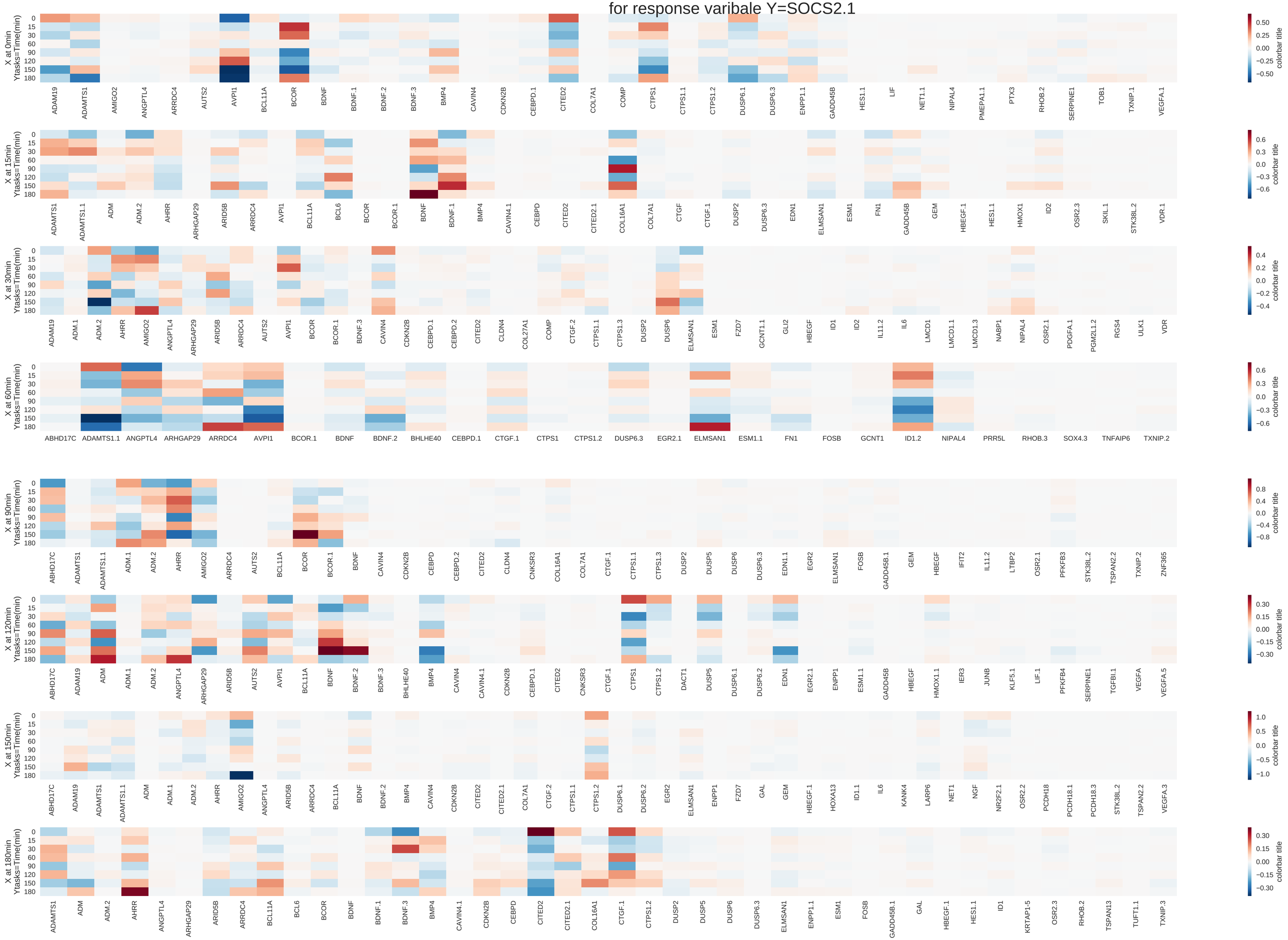
# Coefficients from multi-task LASSO regression for response varibale Y=SMAD7



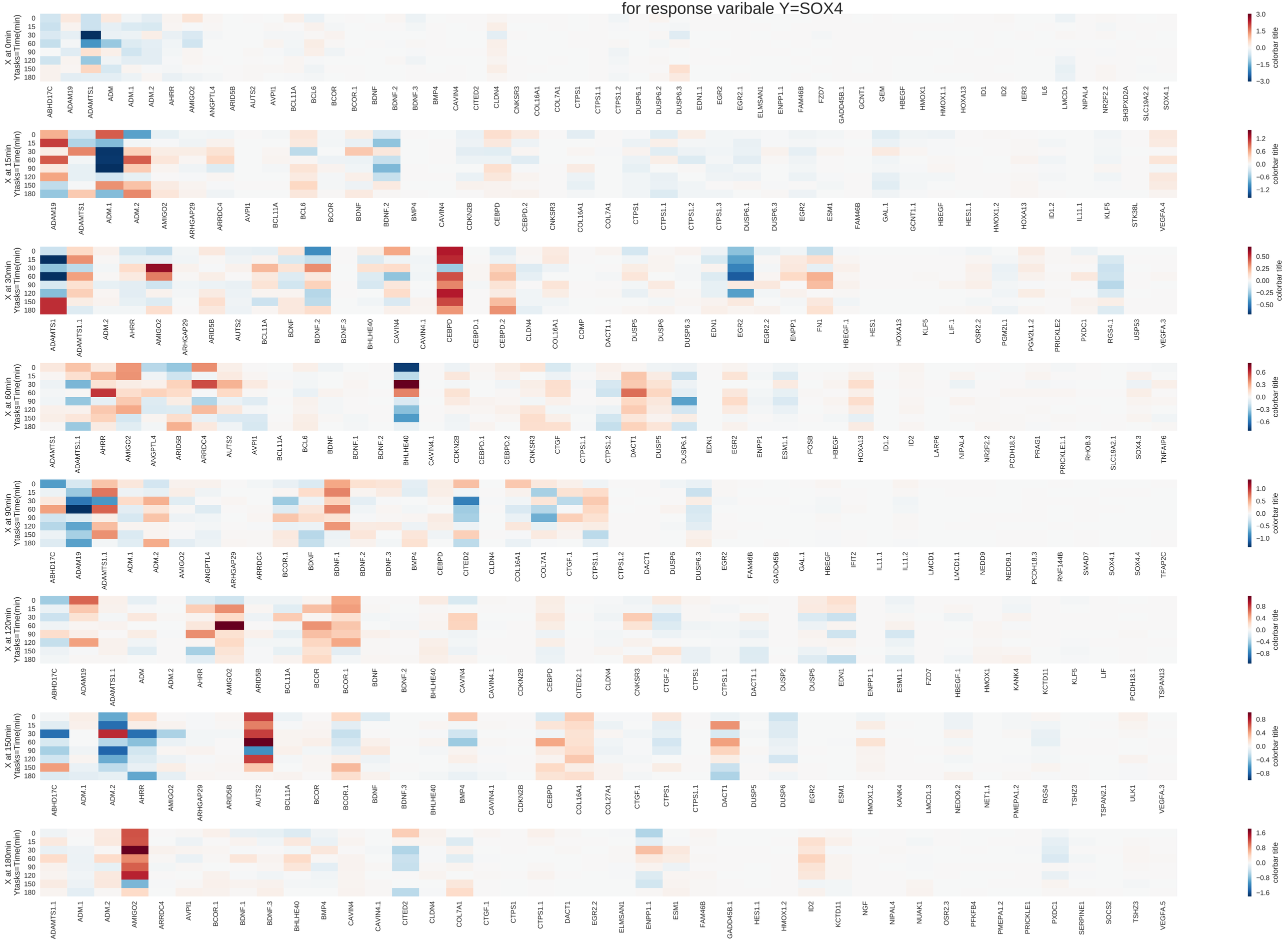
# Coefficients from multi-task LASSO regression for response varibale Y=SOCS2



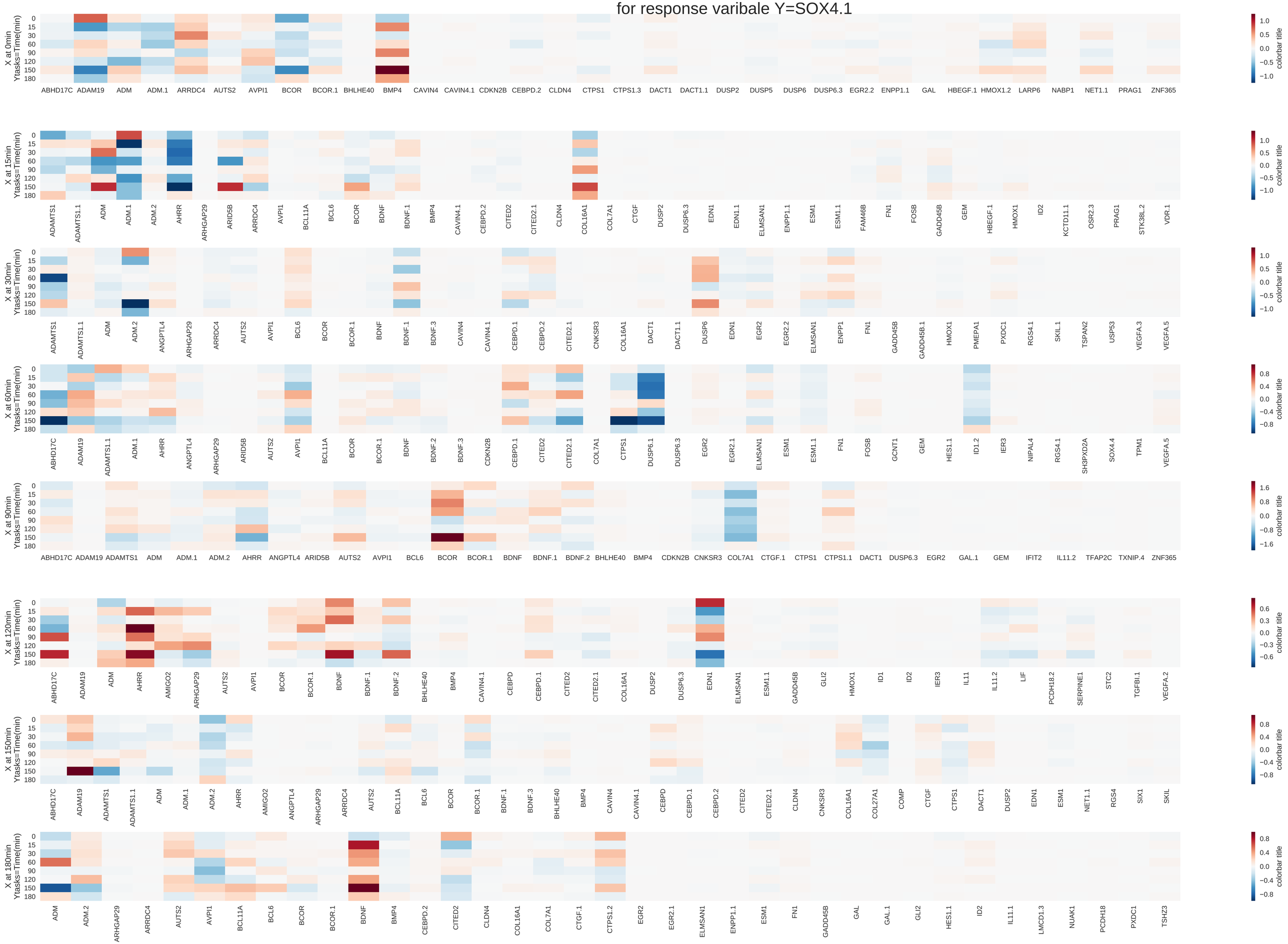
# Coefficients from multi-task LASSO regression for response varibale Y=SOCS2.1



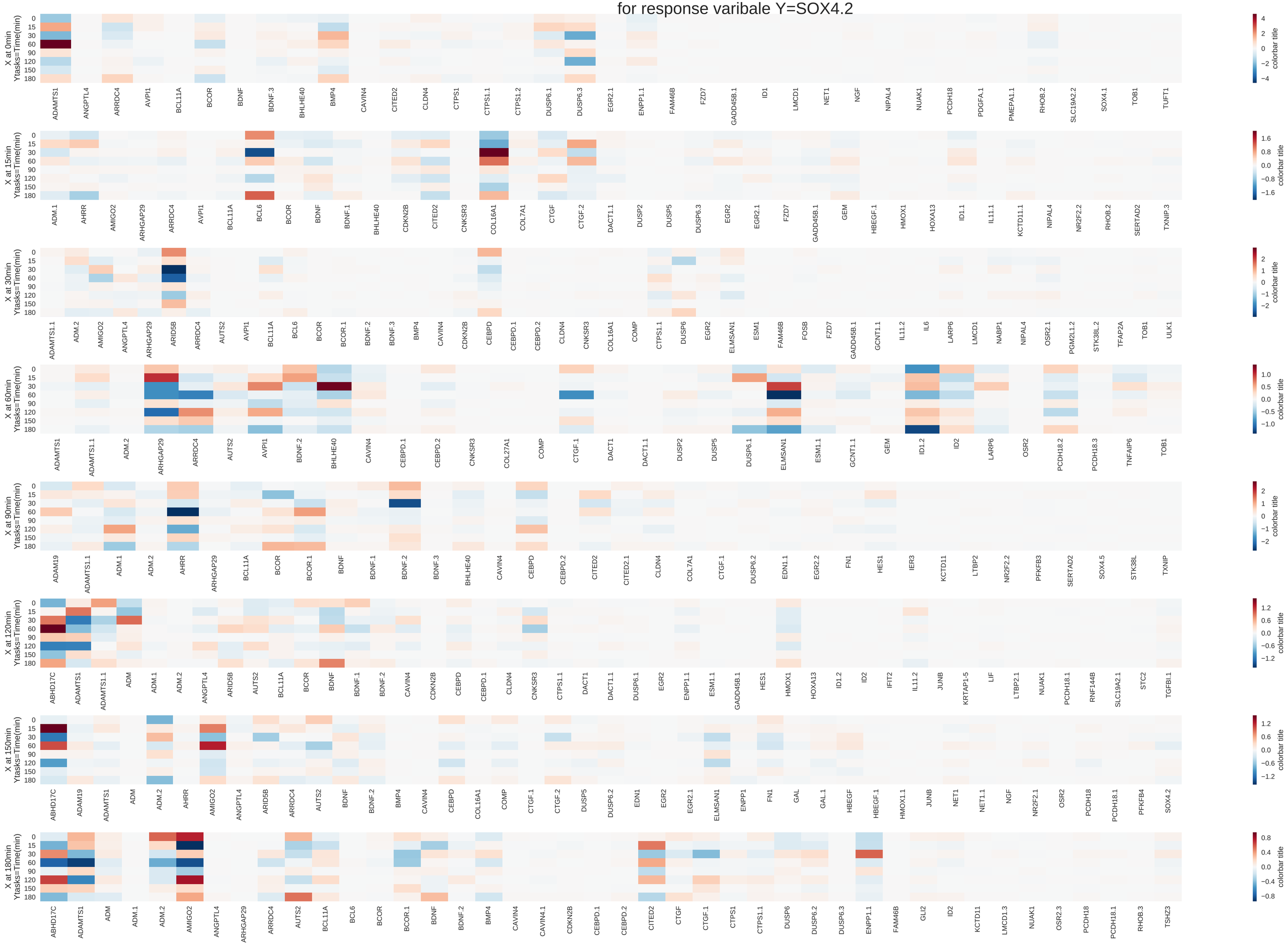
# Coefficients from multi-task LASSO regression for response varibale Y=SOX4



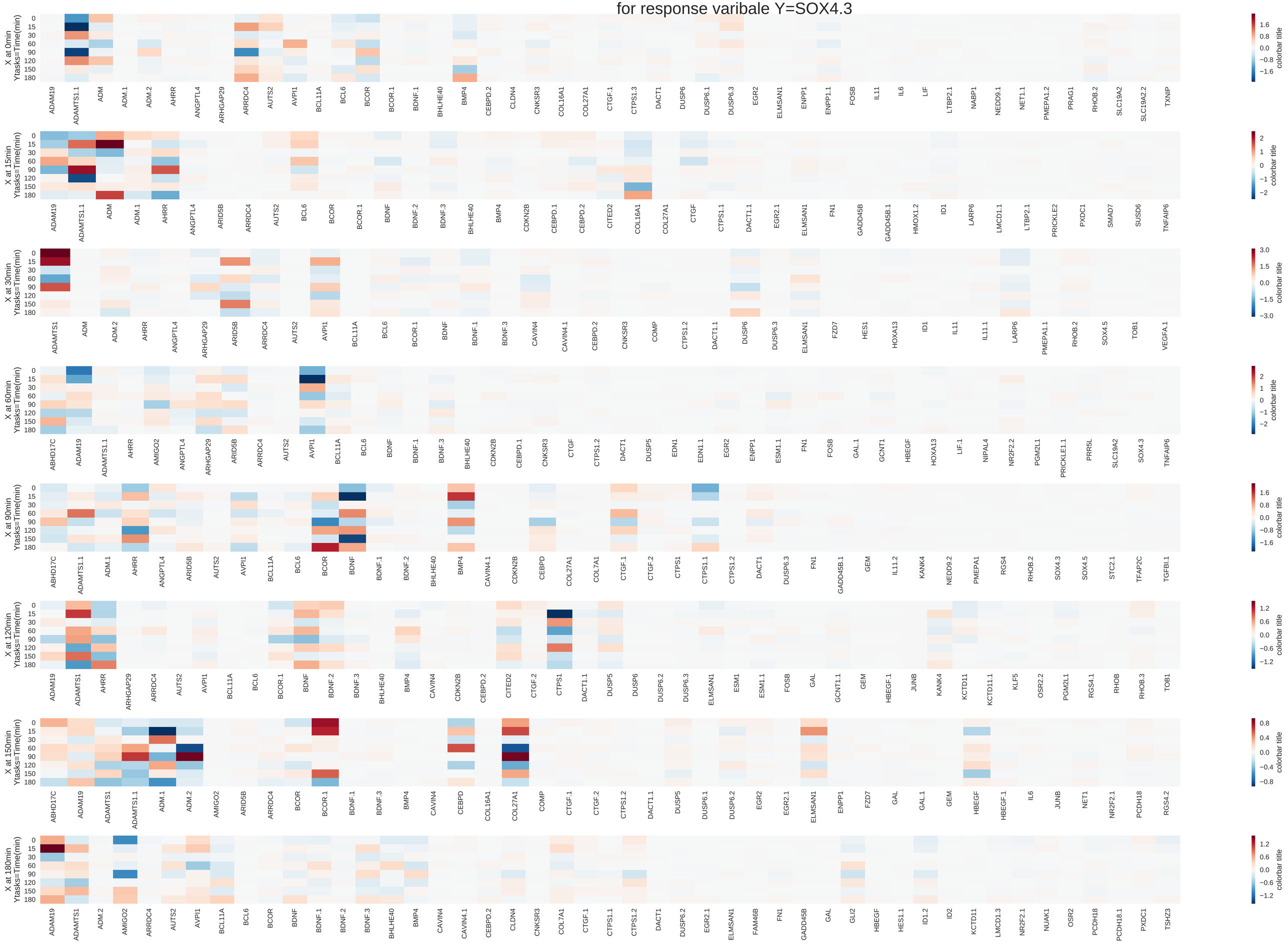
# Coefficients from multi-task LASSO regression for response varibale Y=SOX4.1



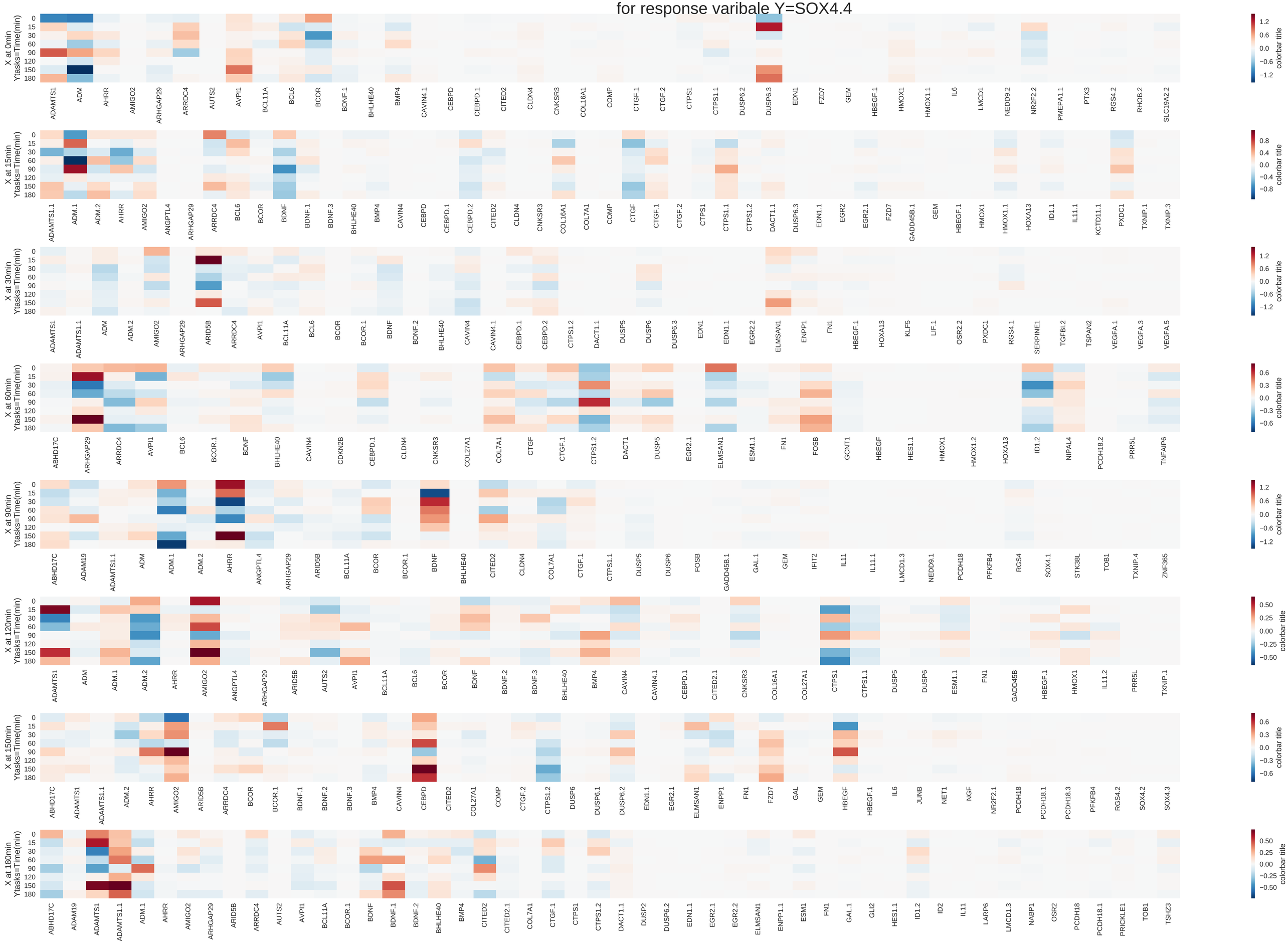
# Coefficients from multi-task LASSO regression for response varibale Y=SOX4.2



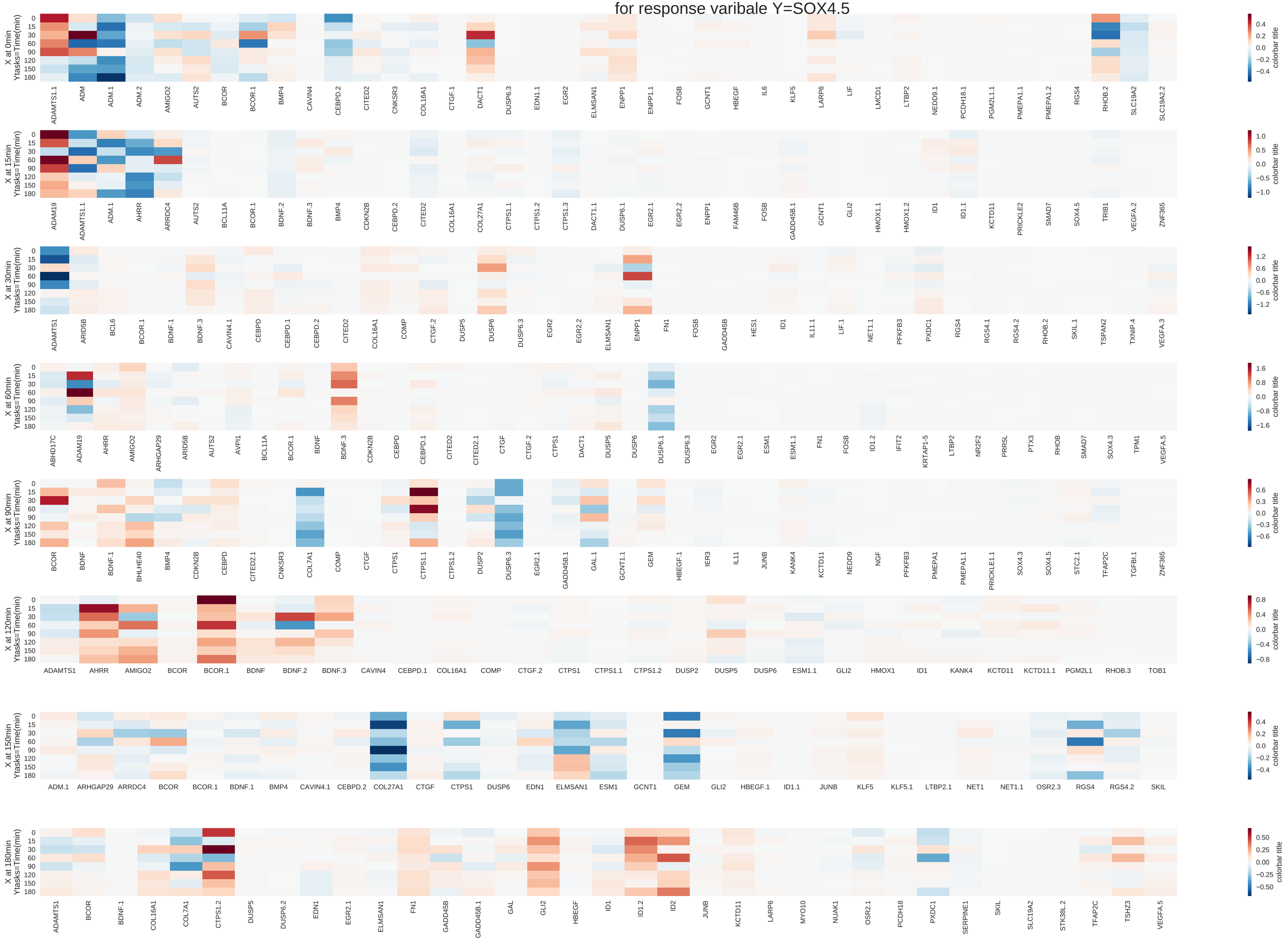
# Coefficients from multi-task LASSO regression for response varibale Y=SOX4.3



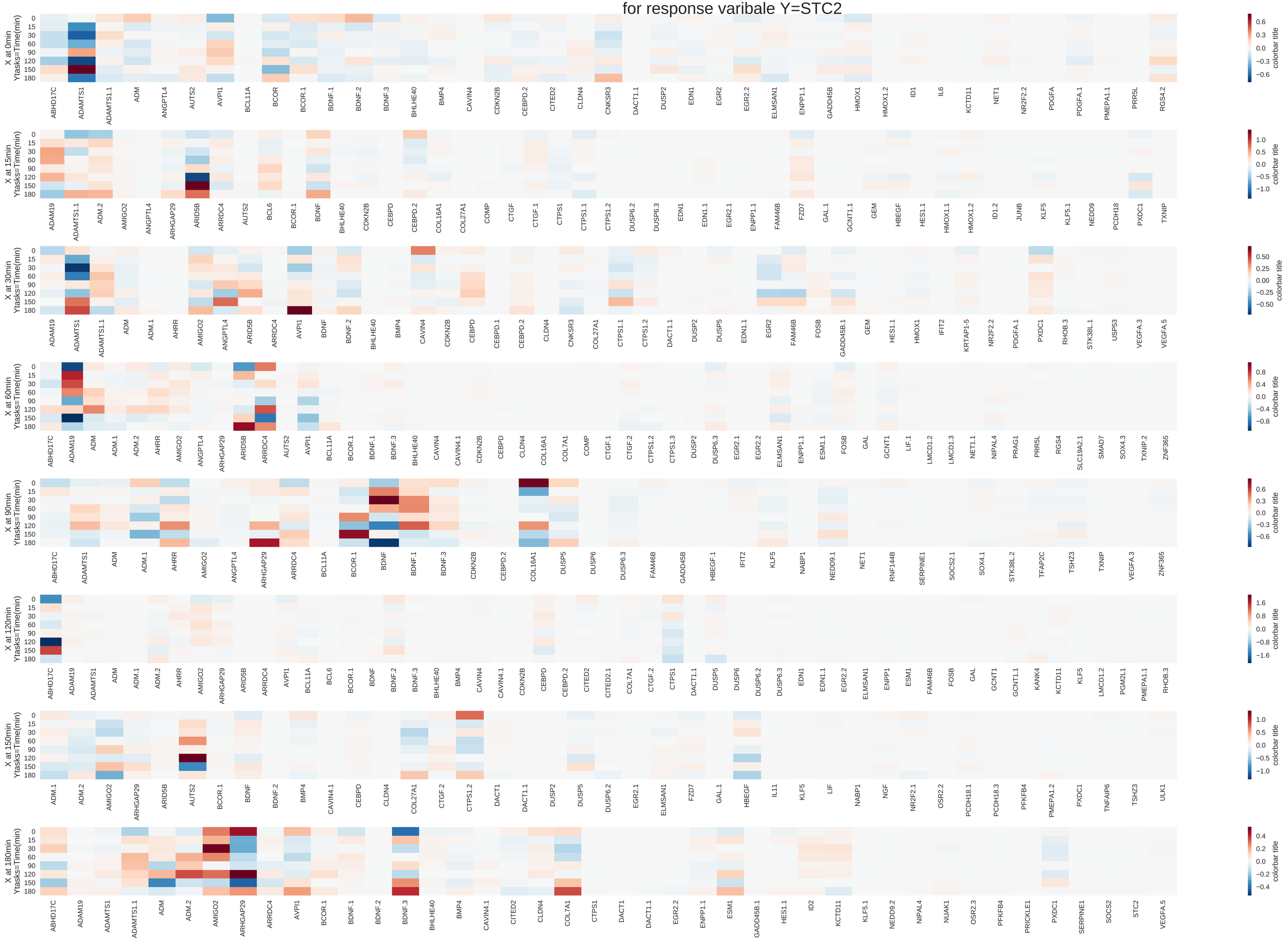
# Coefficients from multi-task LASSO regression for response varibale Y=SOX4.4



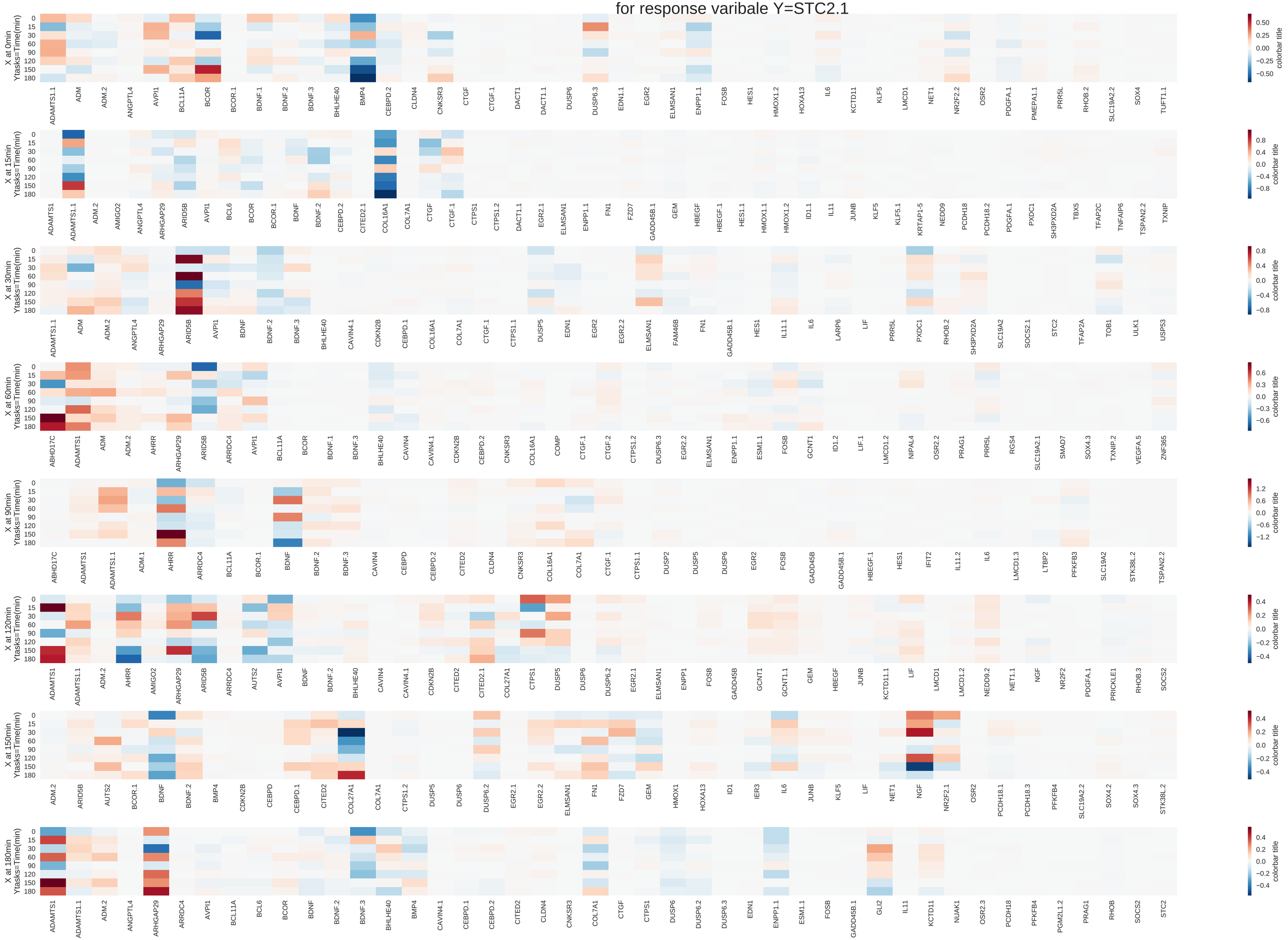
# Coefficients from multi-task LASSO regression for response varibale Y=SOX4.5



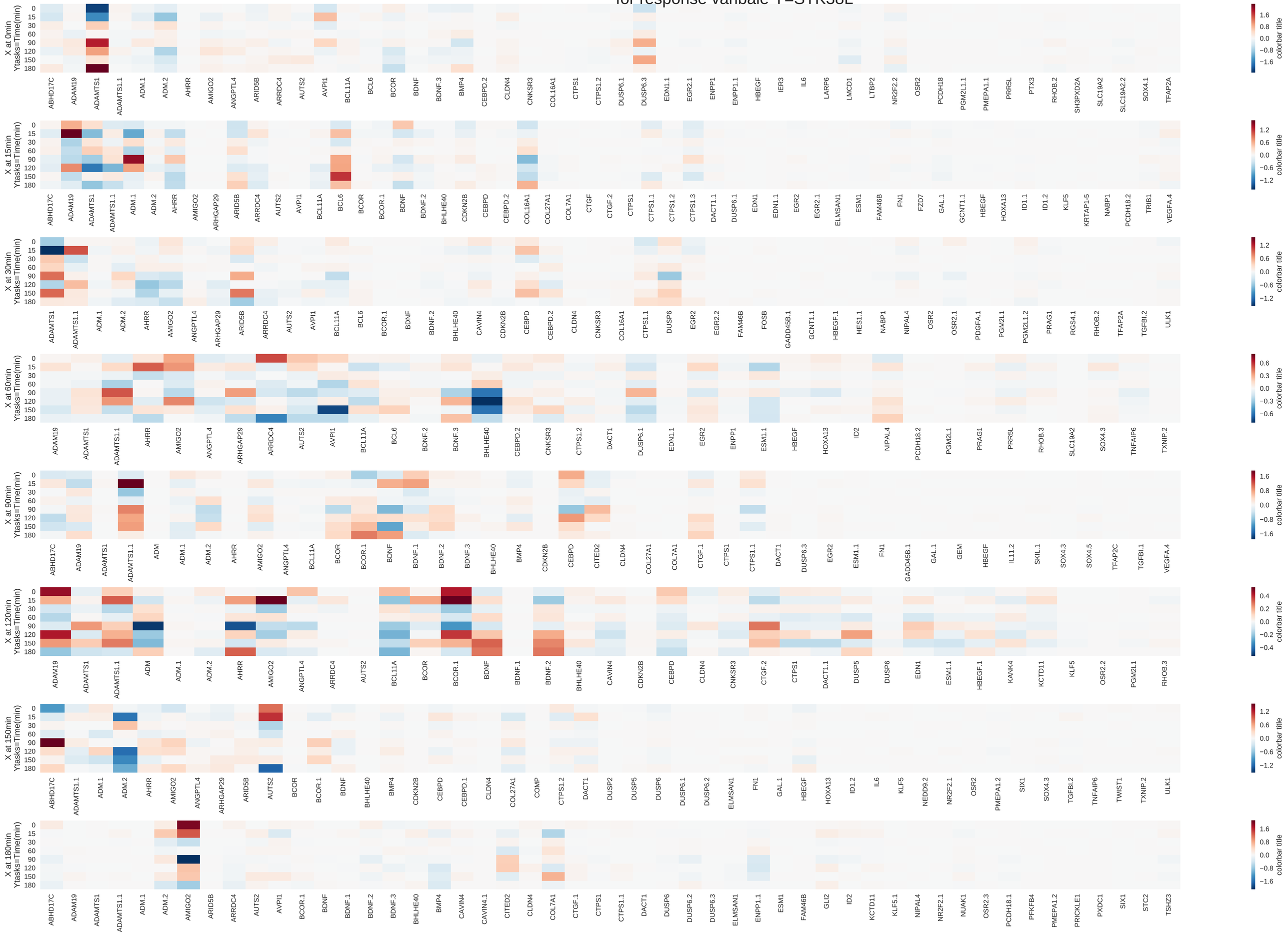
# Coefficients from multi-task LASSO regression for response varibale Y=STC2



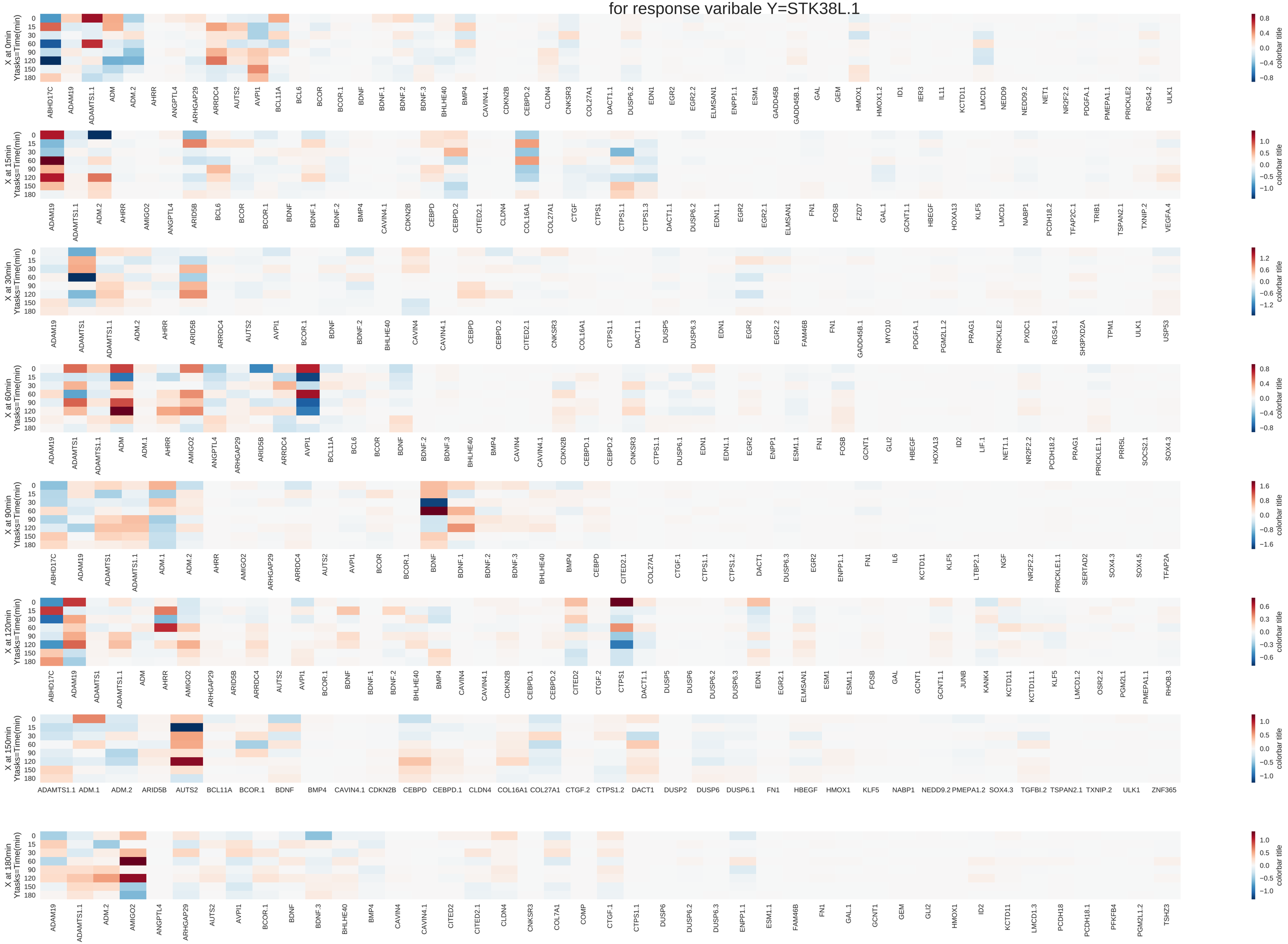
# Coefficients from multi-task LASSO regression for response varibale Y=STC2.1



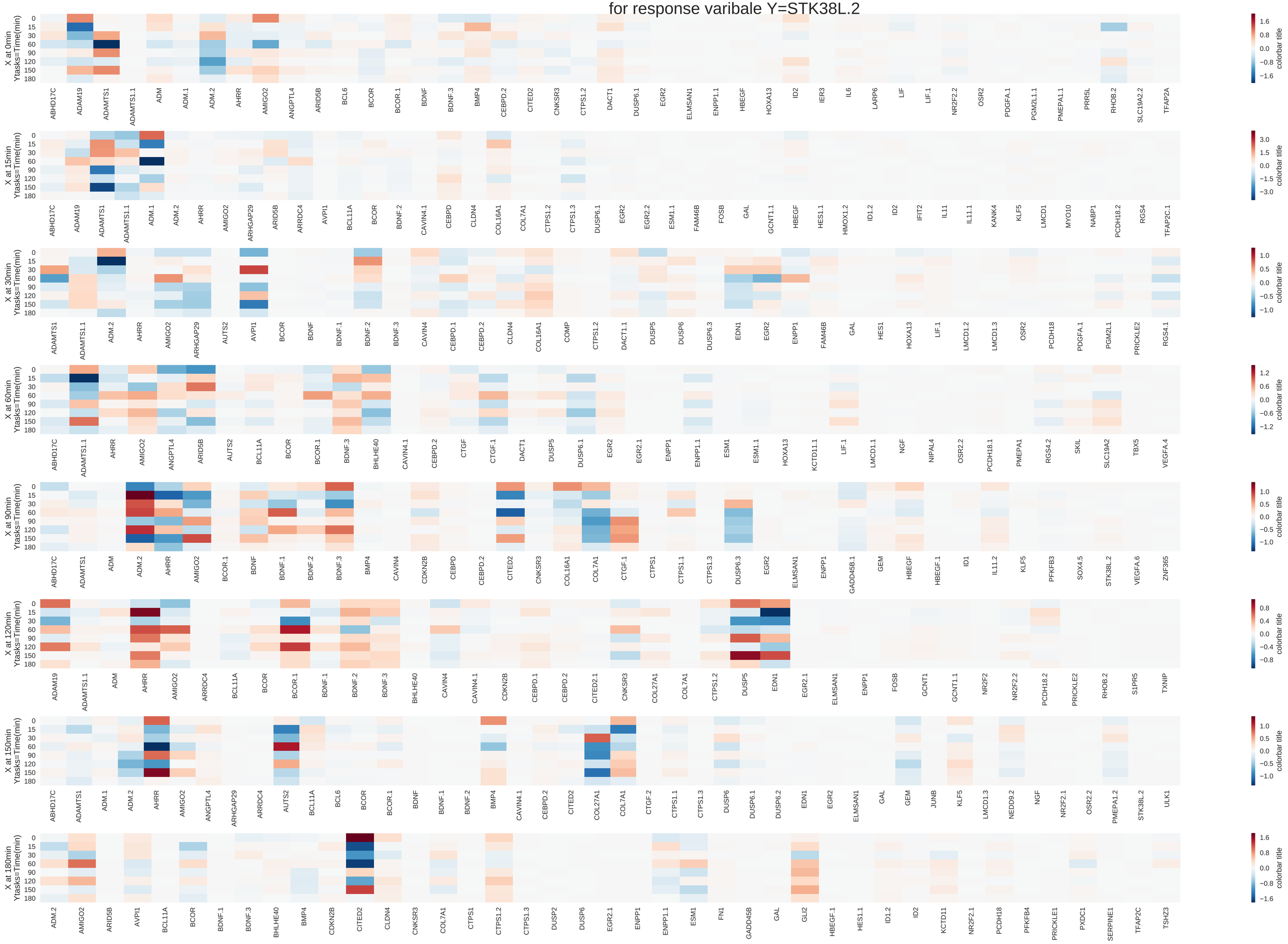
# Coefficients from multi-task LASSO regression for response varibale Y=STK38L



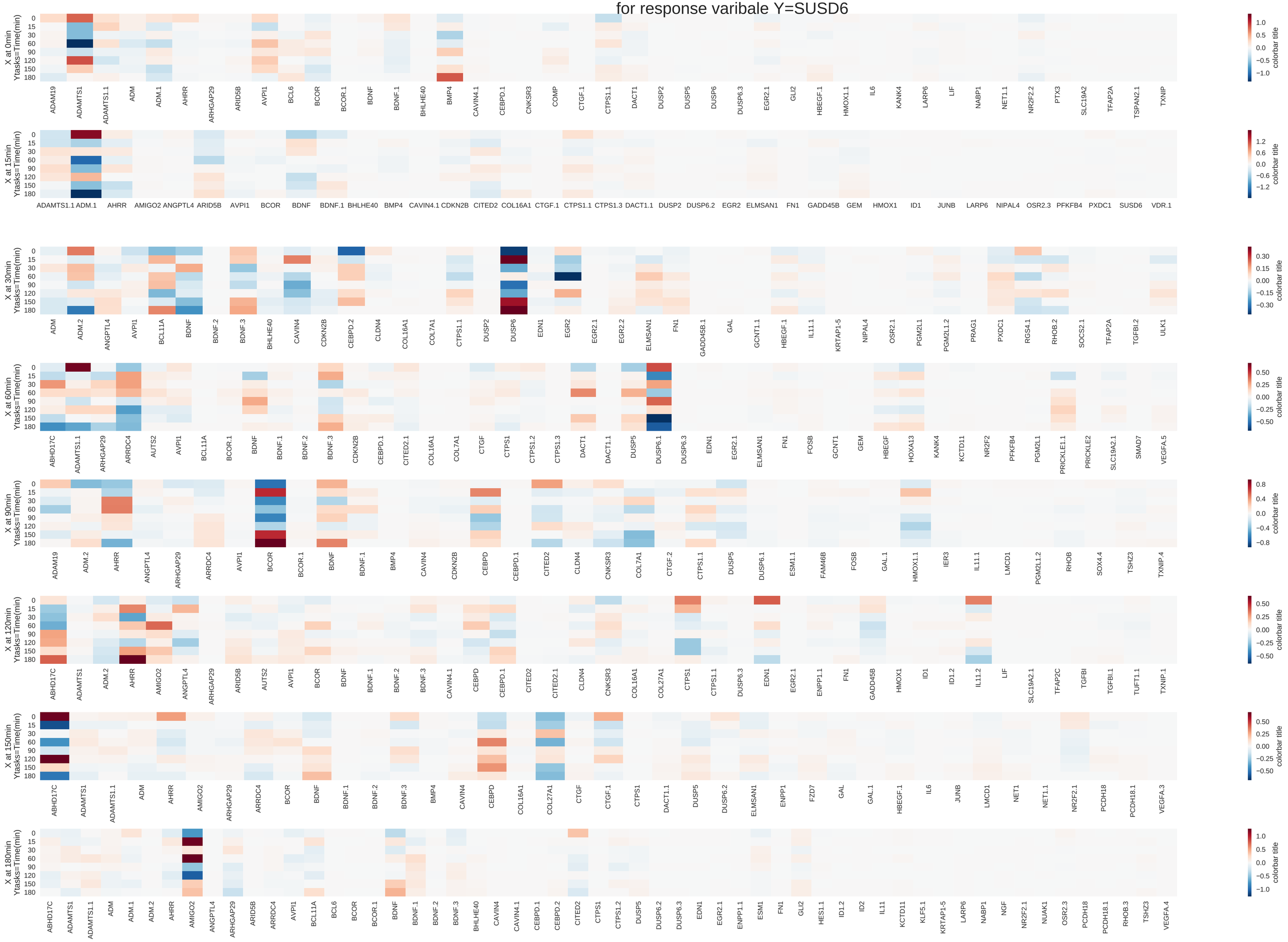
# Coefficients from multi-task LASSO regression for response varibale Y=STK38L.1



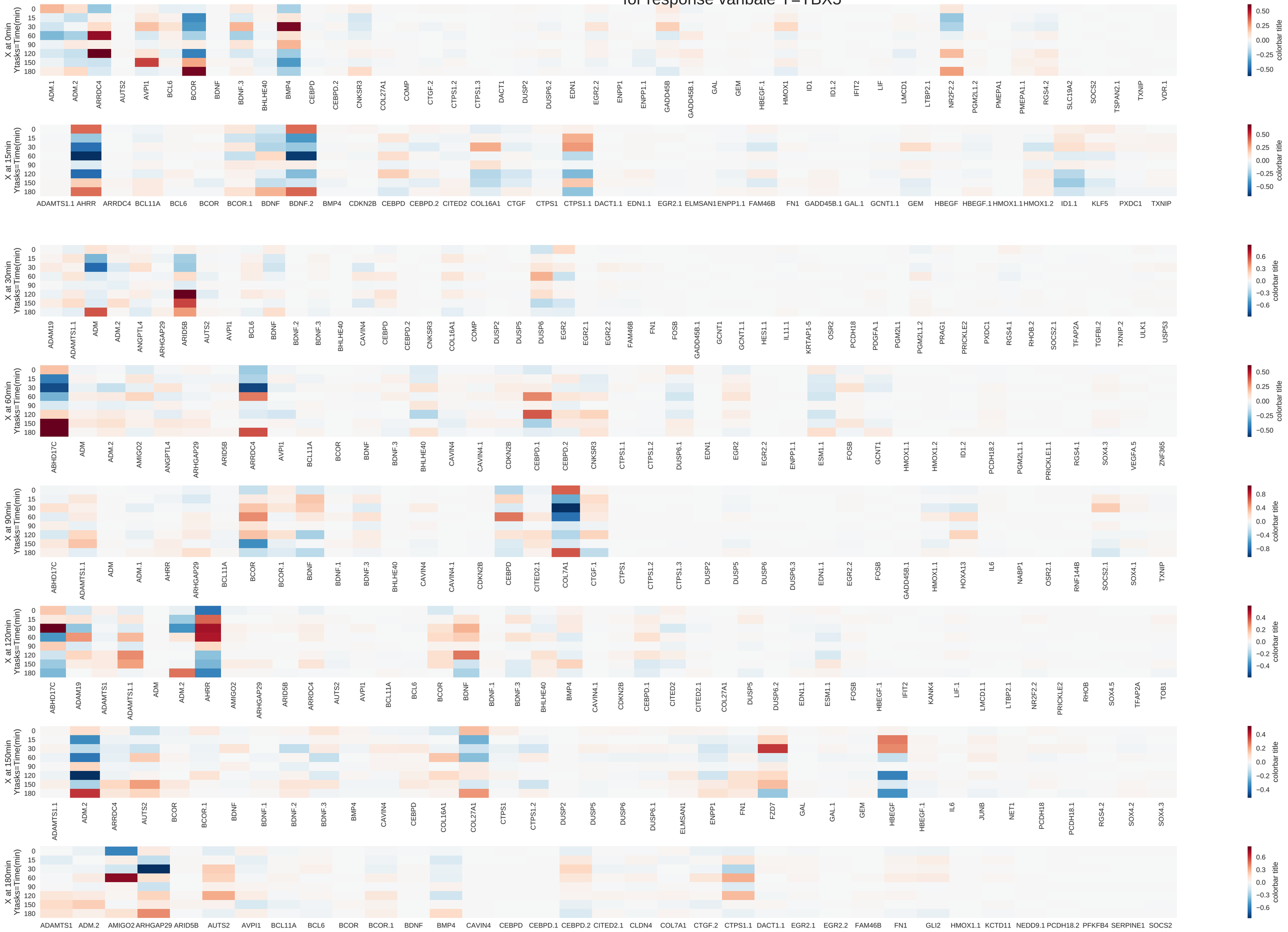
# Coefficients from multi-task LASSO regression for response varibale Y=STK38L.2



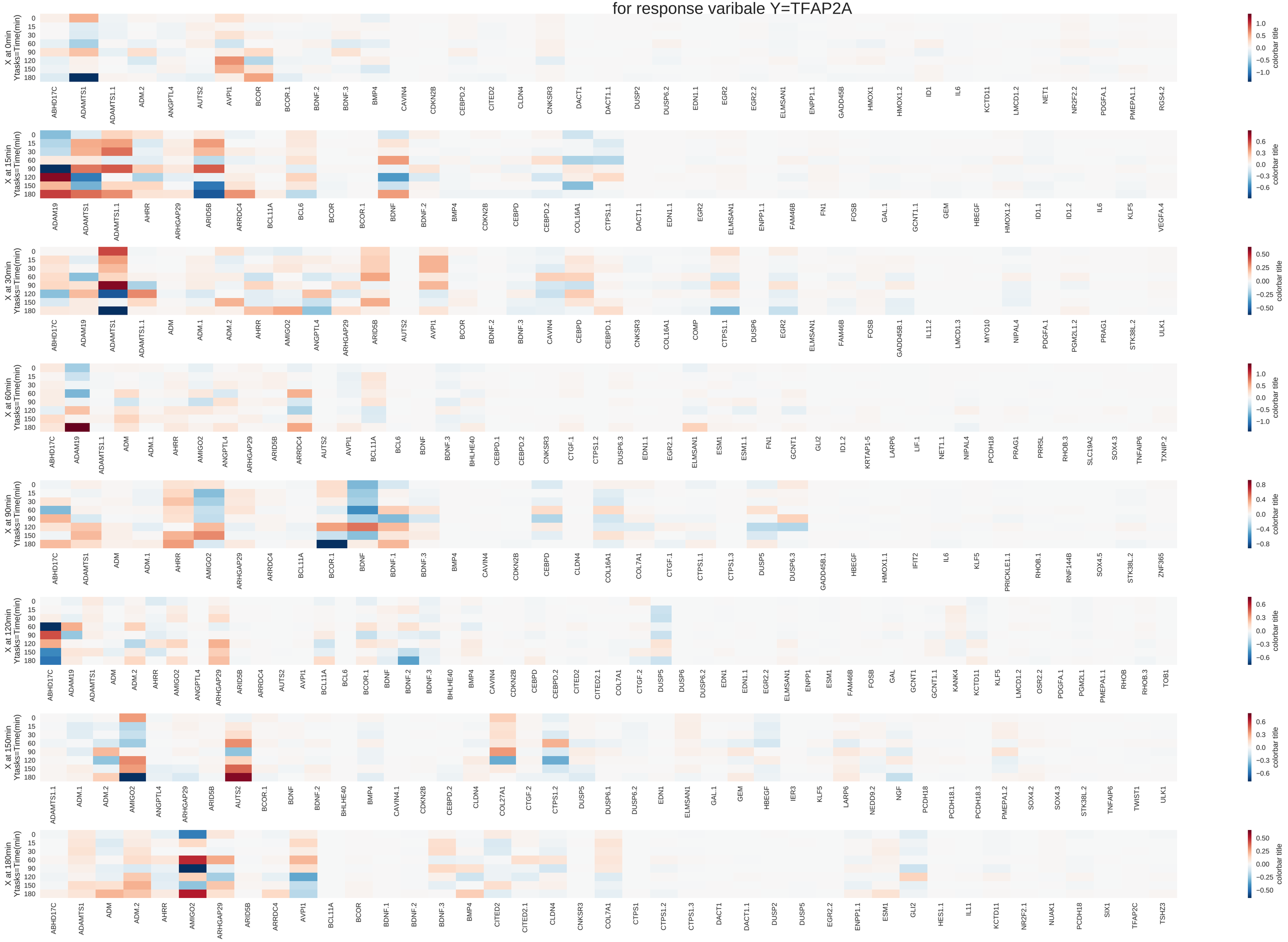
# Coefficients from multi-task LASSO regression for response varibale Y=SUSD6



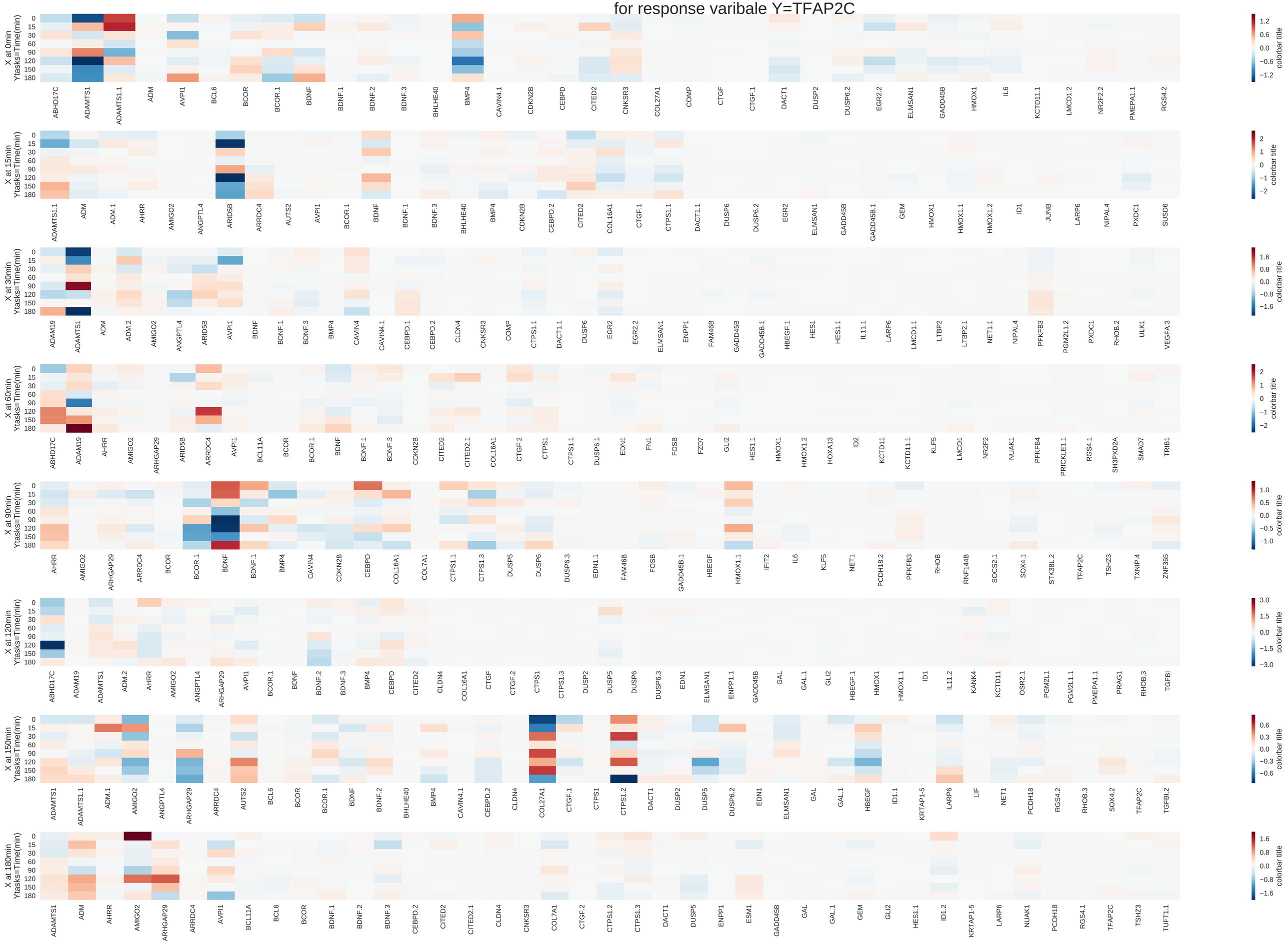
# Coefficients from multi-task LASSO regression for response varibale Y=TBX5



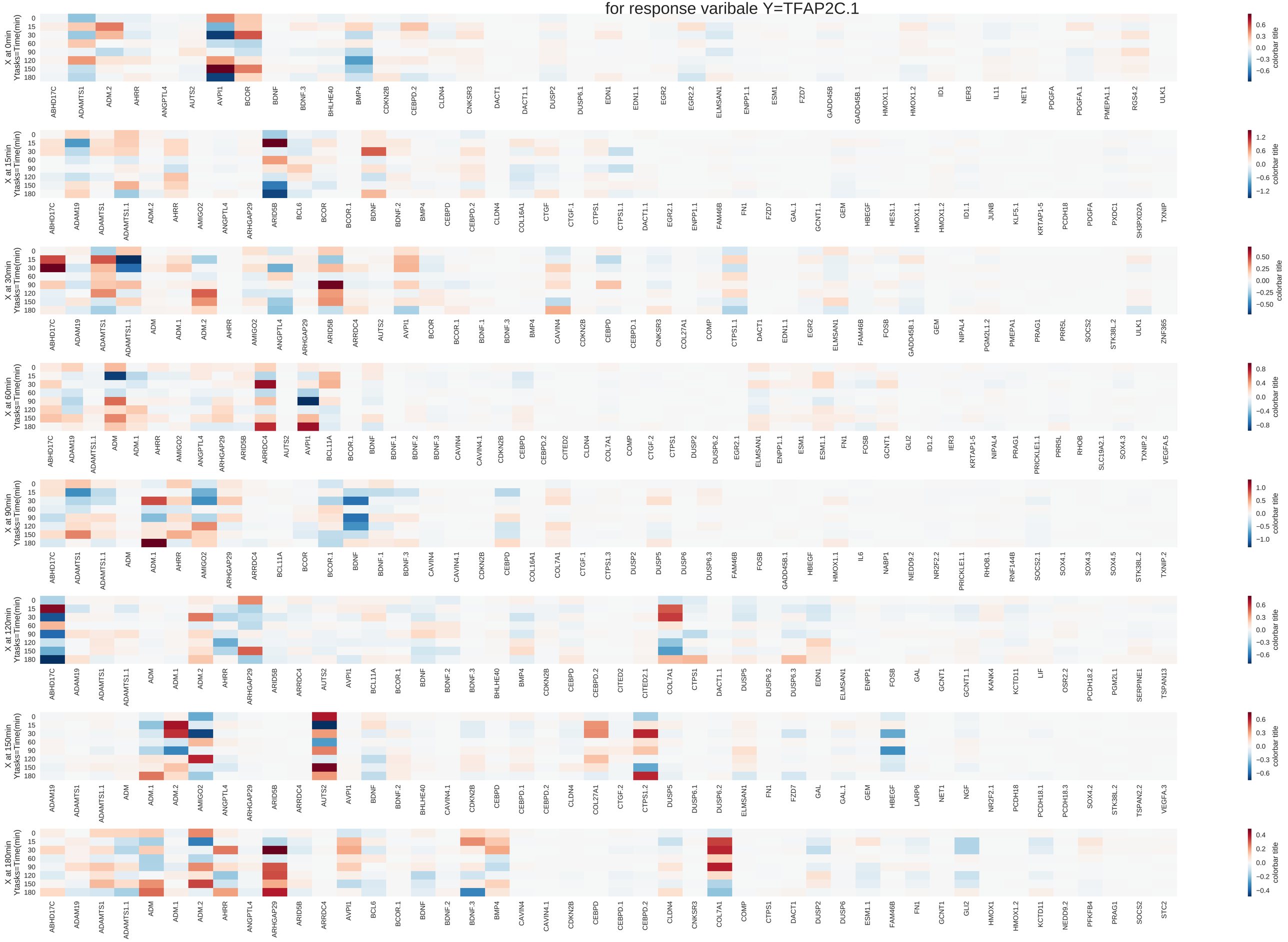
# Coefficients from multi-task LASSO regression for response varibale Y=TFAP2A



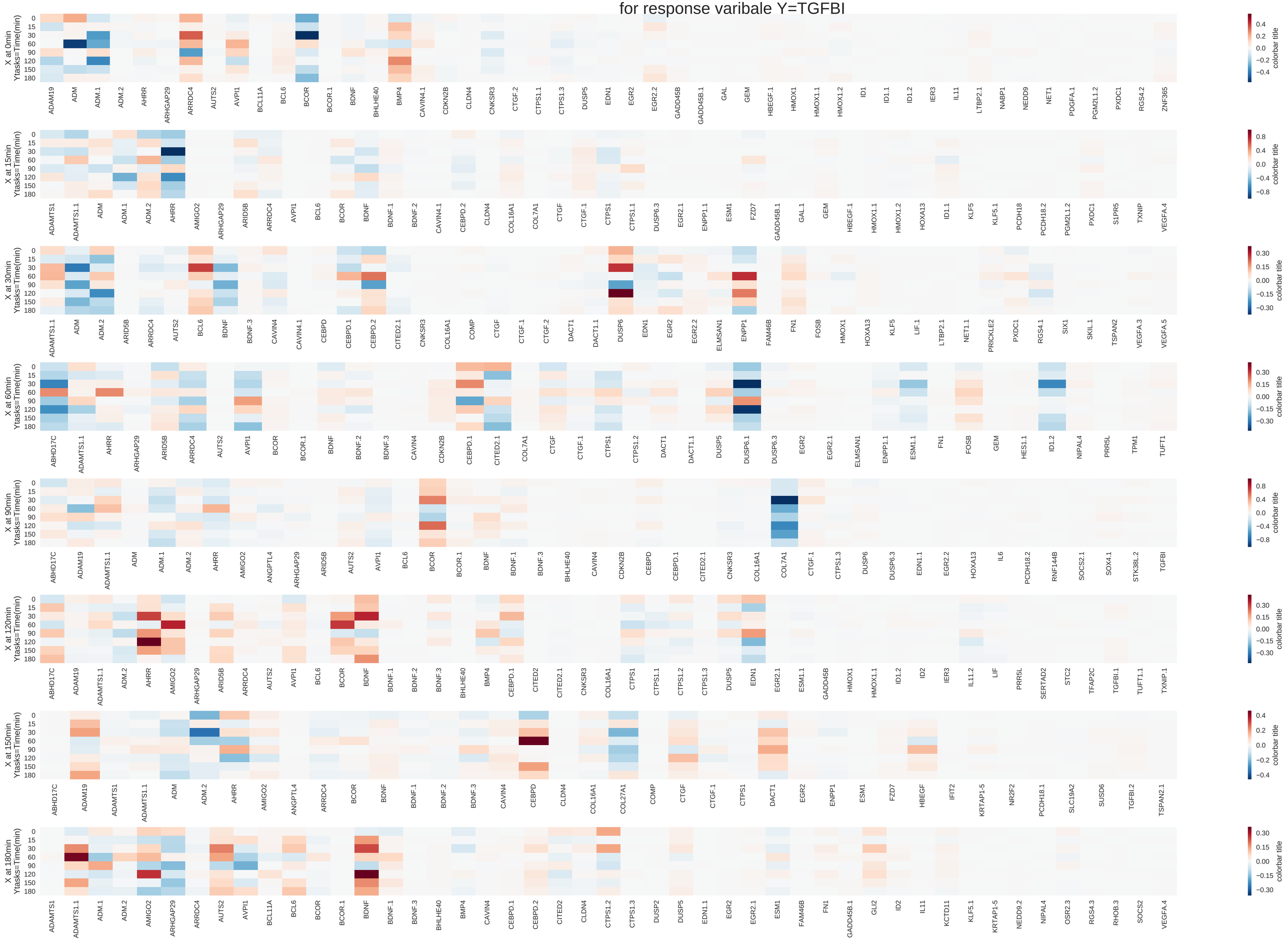
# Coefficients from multi-task LASSO regression for response varibale Y=TFAP2C



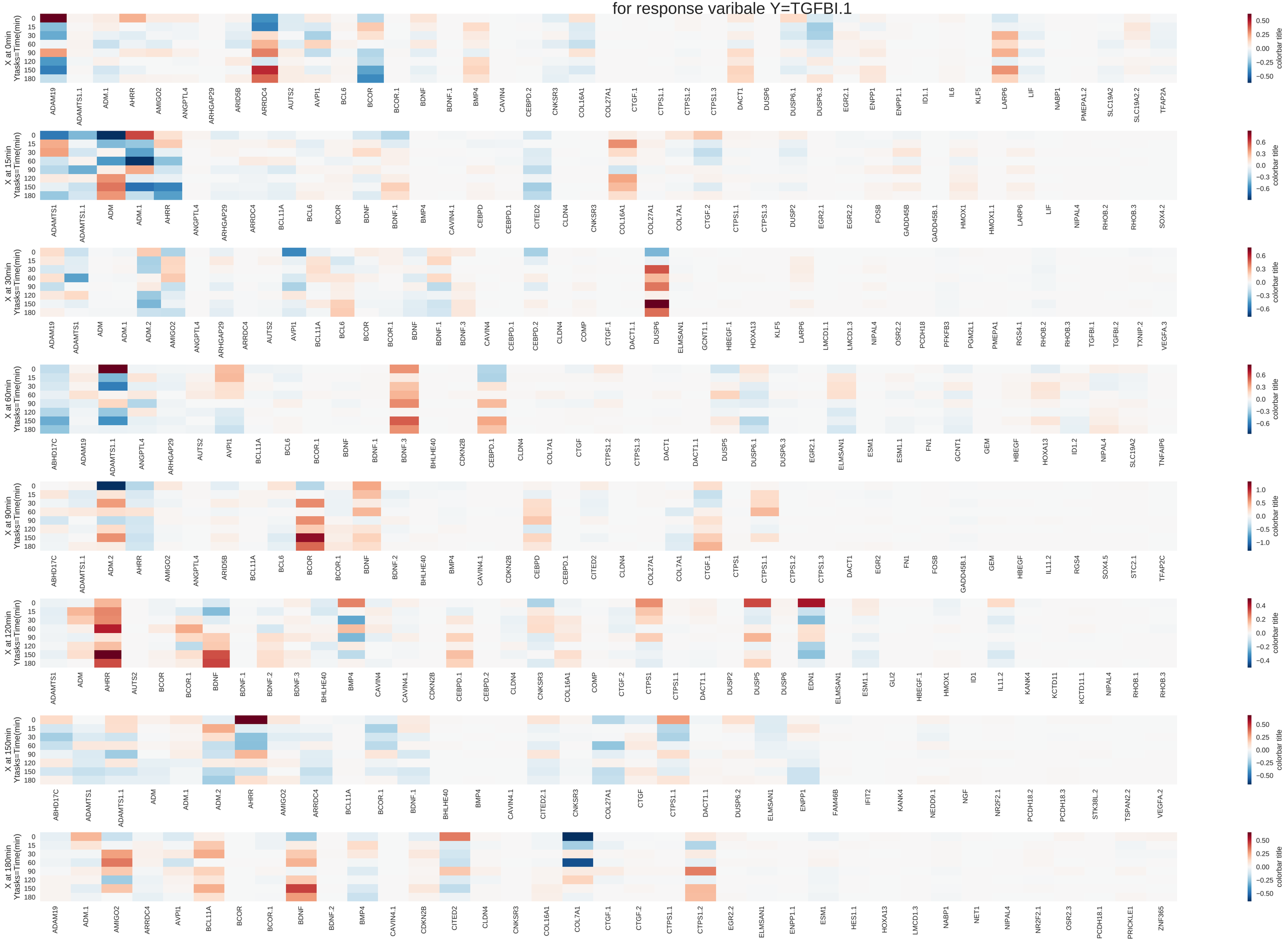
# Coefficients from multi-task LASSO regression for response varibale Y=TFAP2C.1



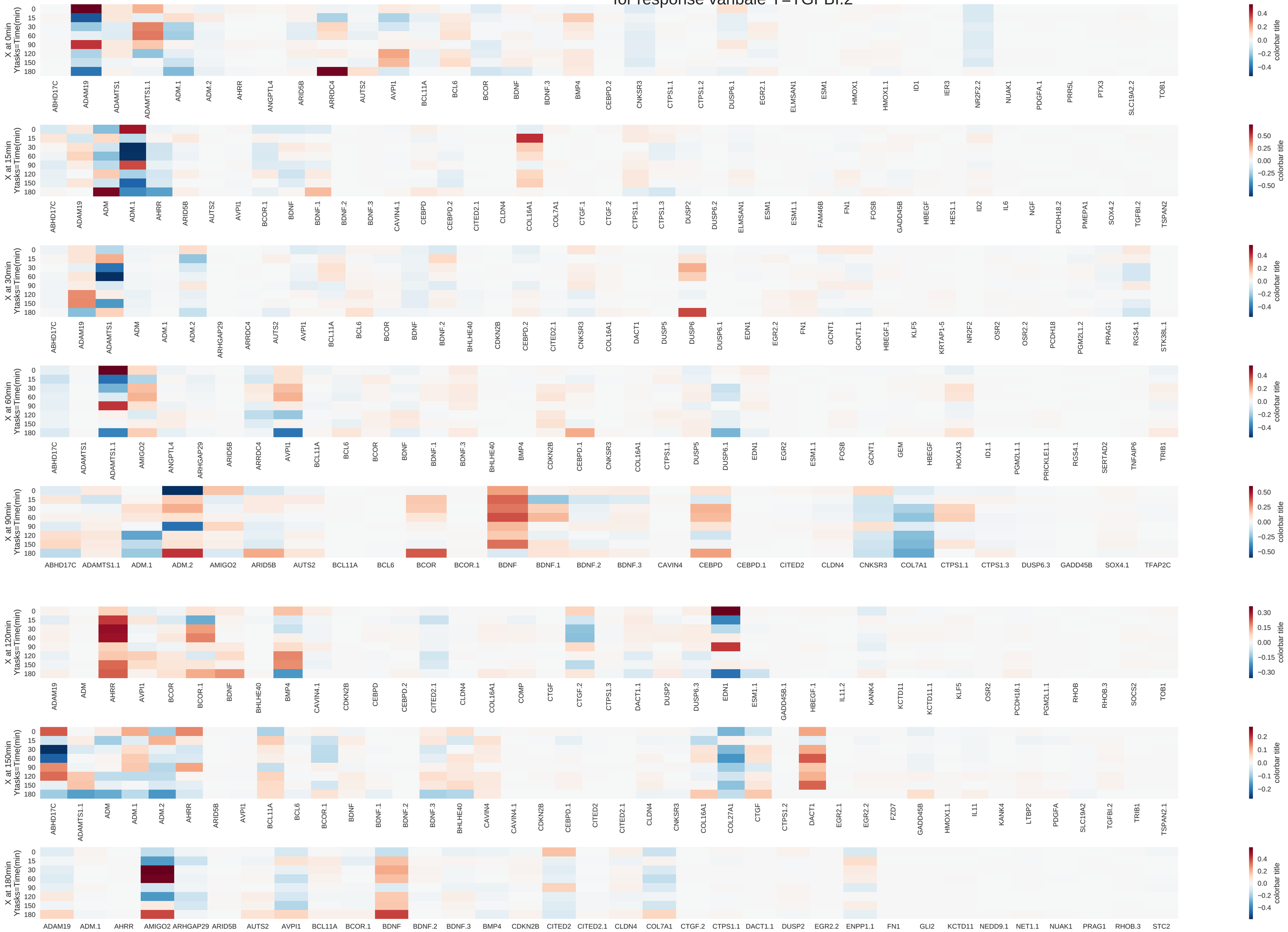
# Coefficients from multi-task LASSO regression for response varibale Y=TGFBI



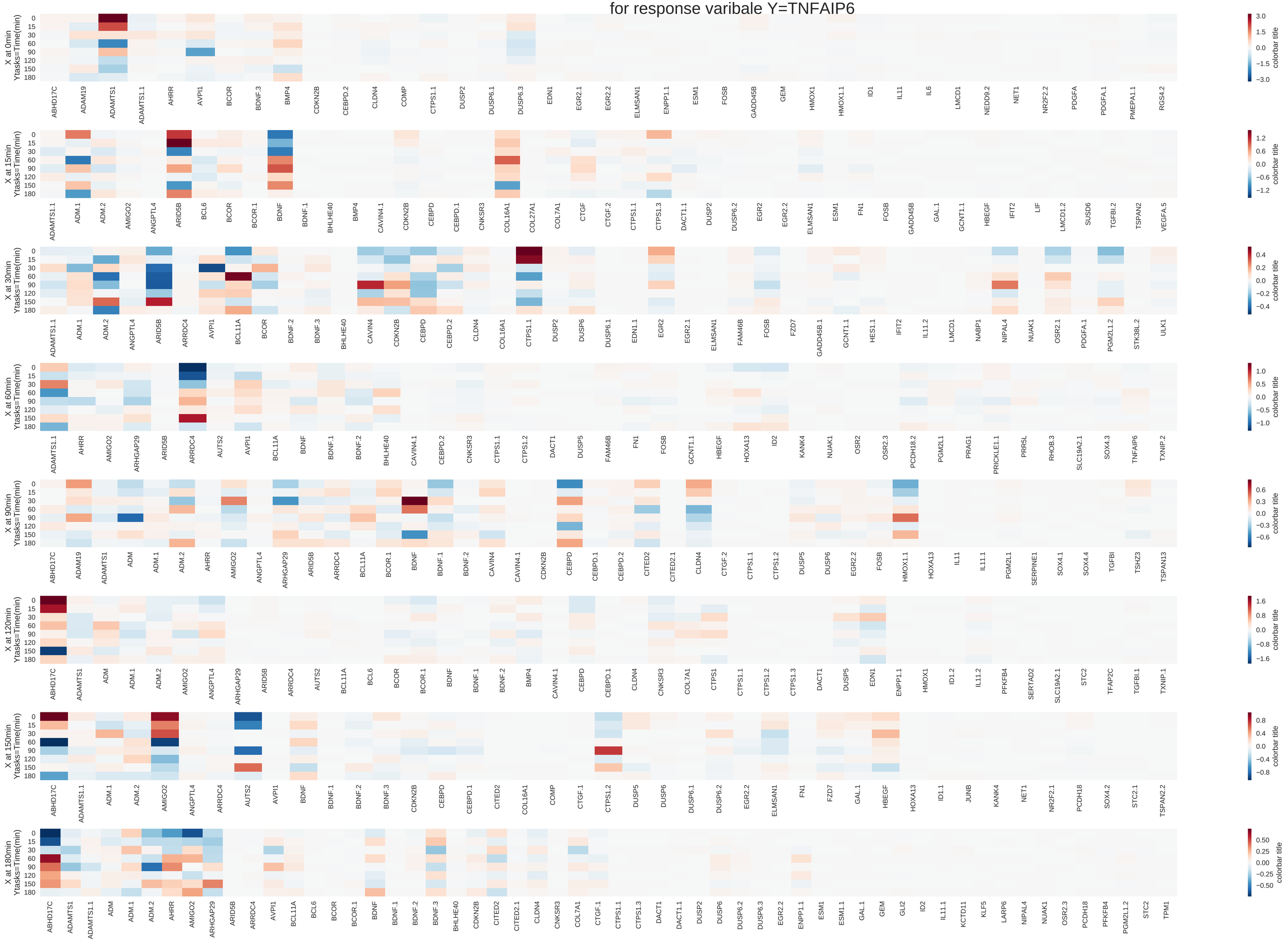
# Coefficients from multi-task LASSO regression for response varibale Y=TGFBI.1



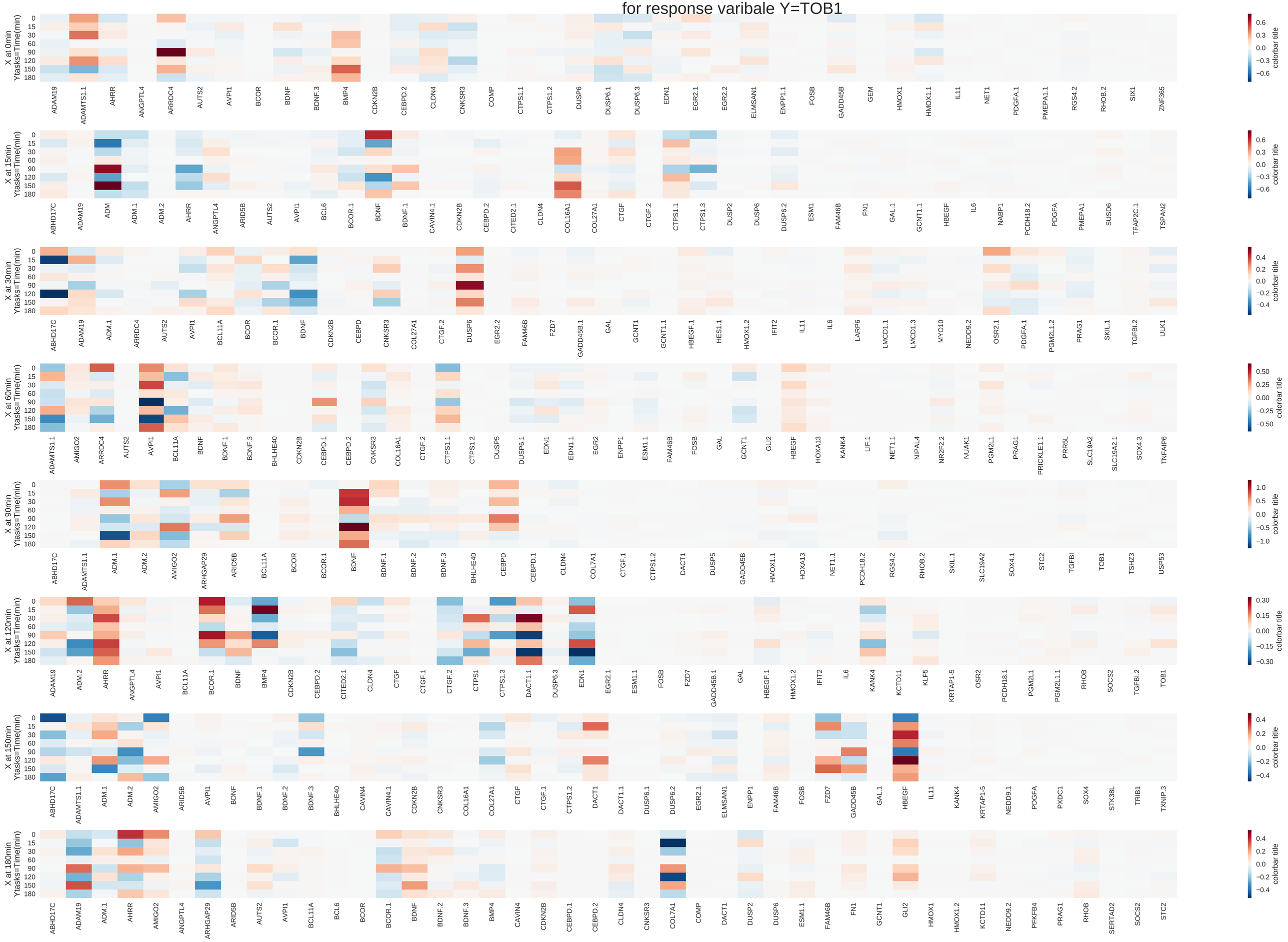
# Coefficients from multi-task LASSO regression for response varibale Y=TGFBI.2



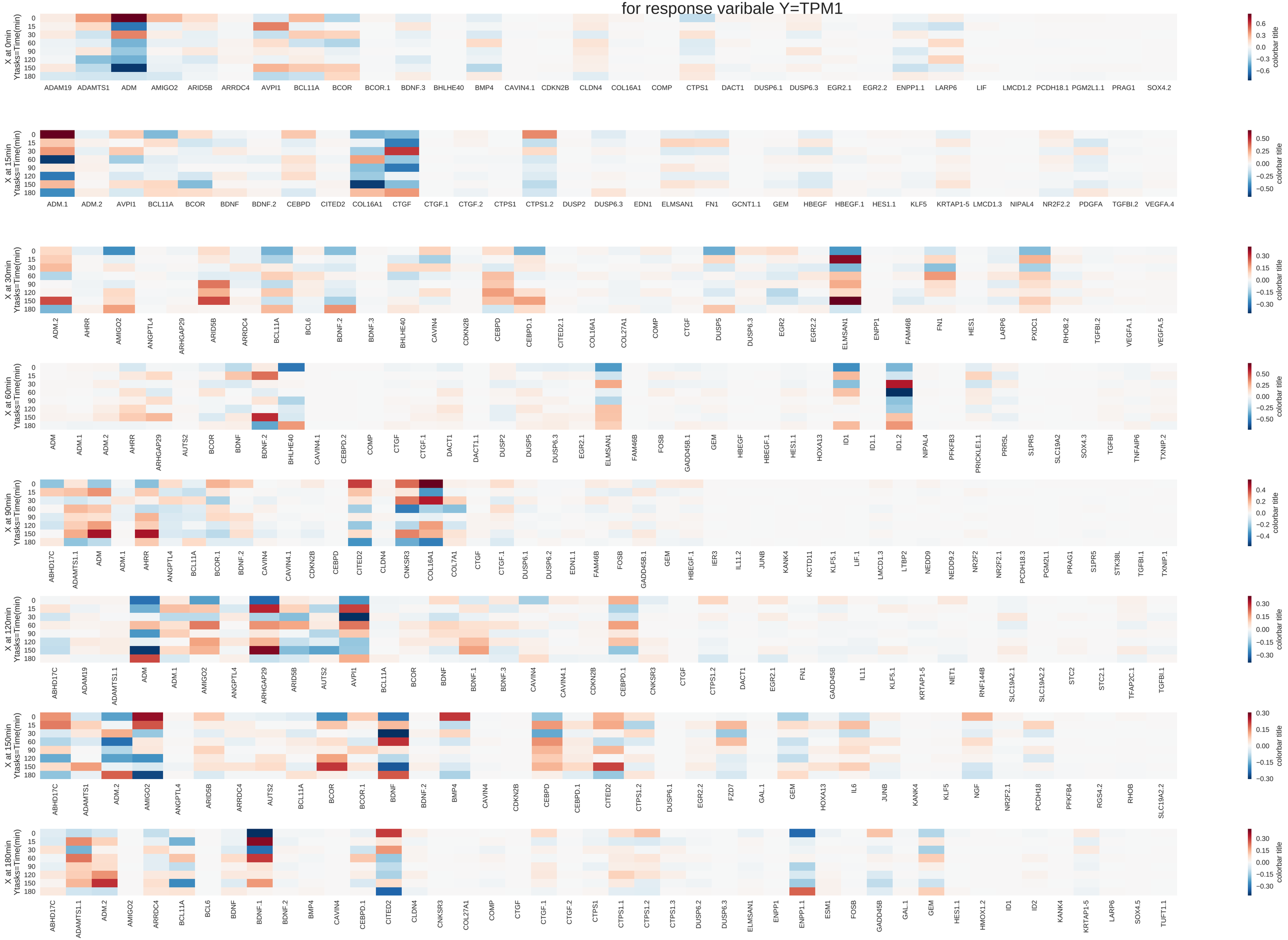
# Coefficients from multi-task LASSO regression for response varibale Y=TNFAIP6



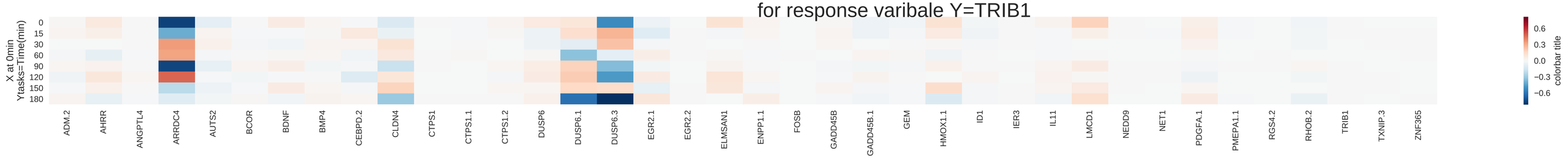
# Coefficients from multi-task LASSO regression for response varibale Y=TOB1

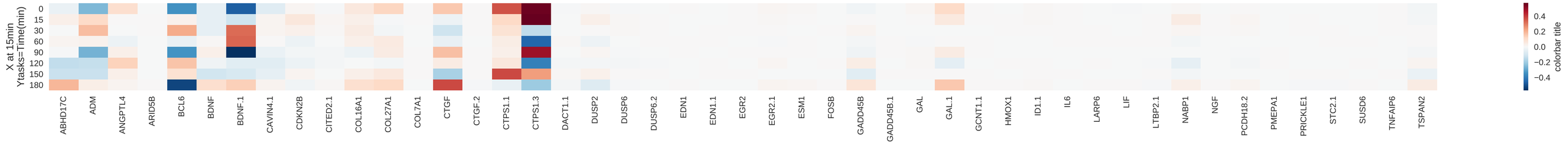


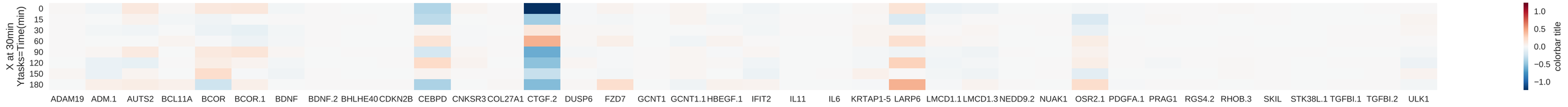
# Coefficients from multi-task LASSO regression for response varibale Y=TPM1

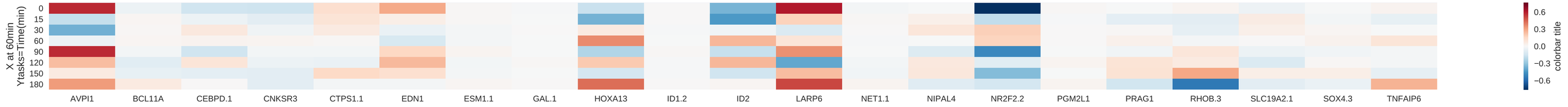


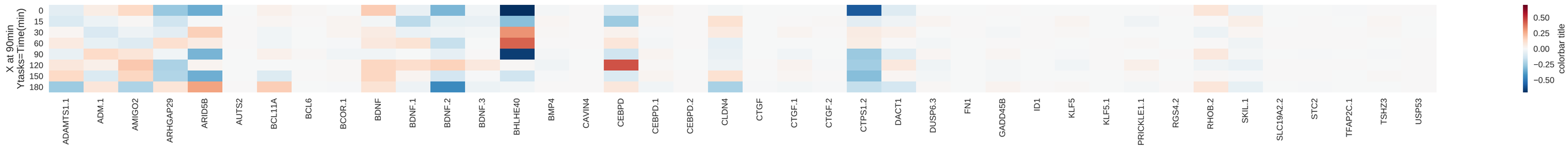
# Coefficients from multi-task LASSO regression for response varibale Y=TRIB1

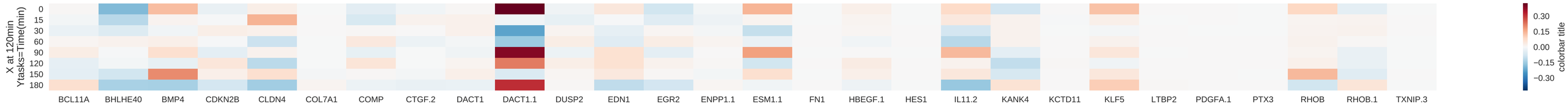


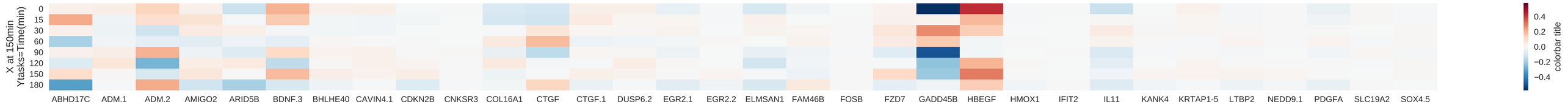



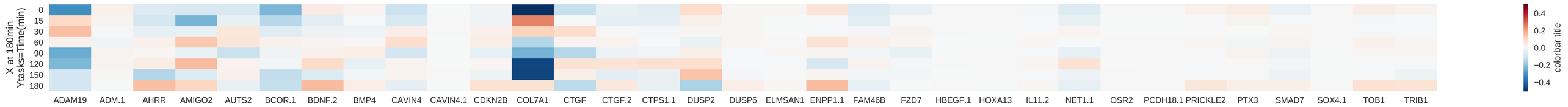



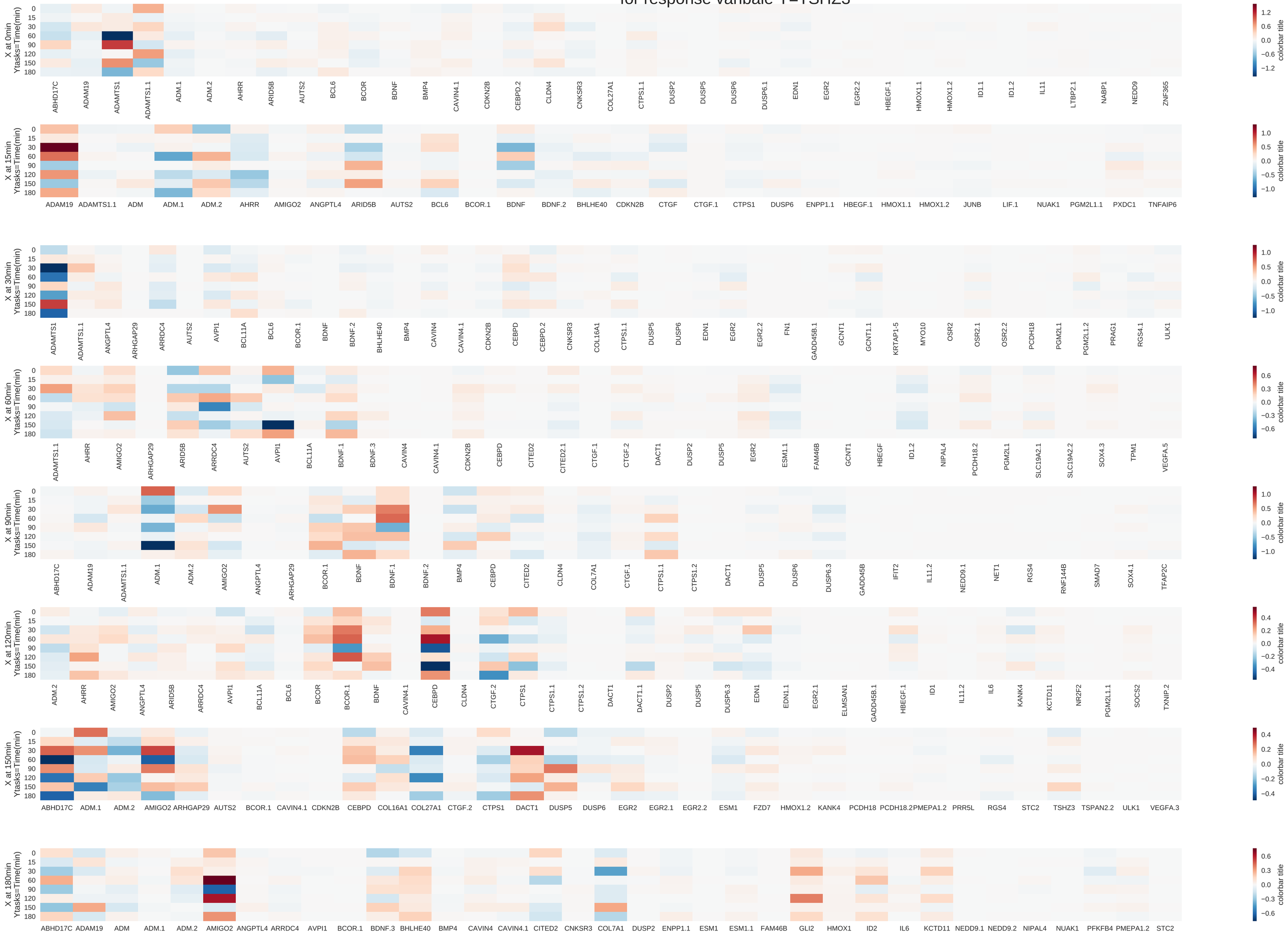



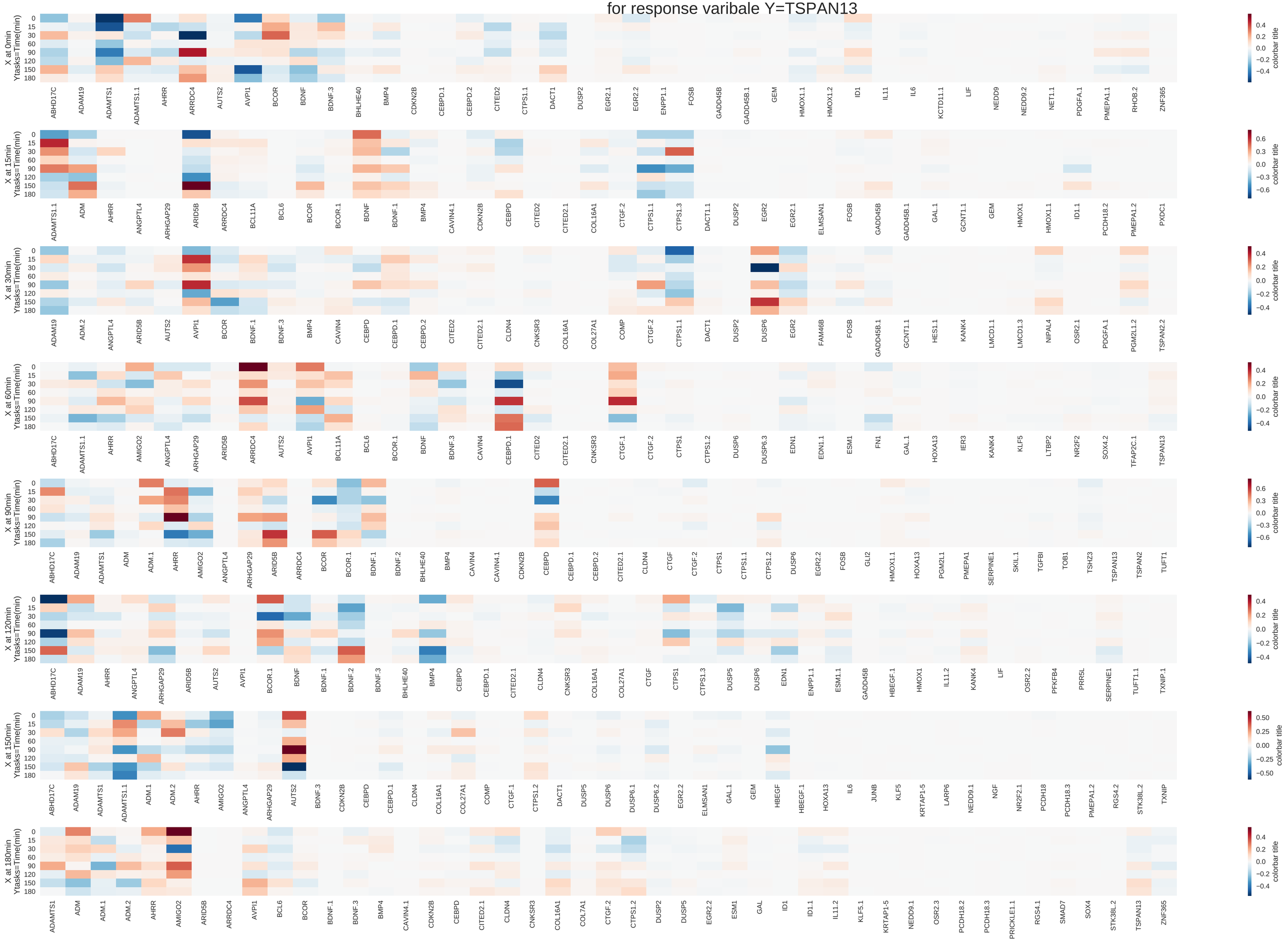



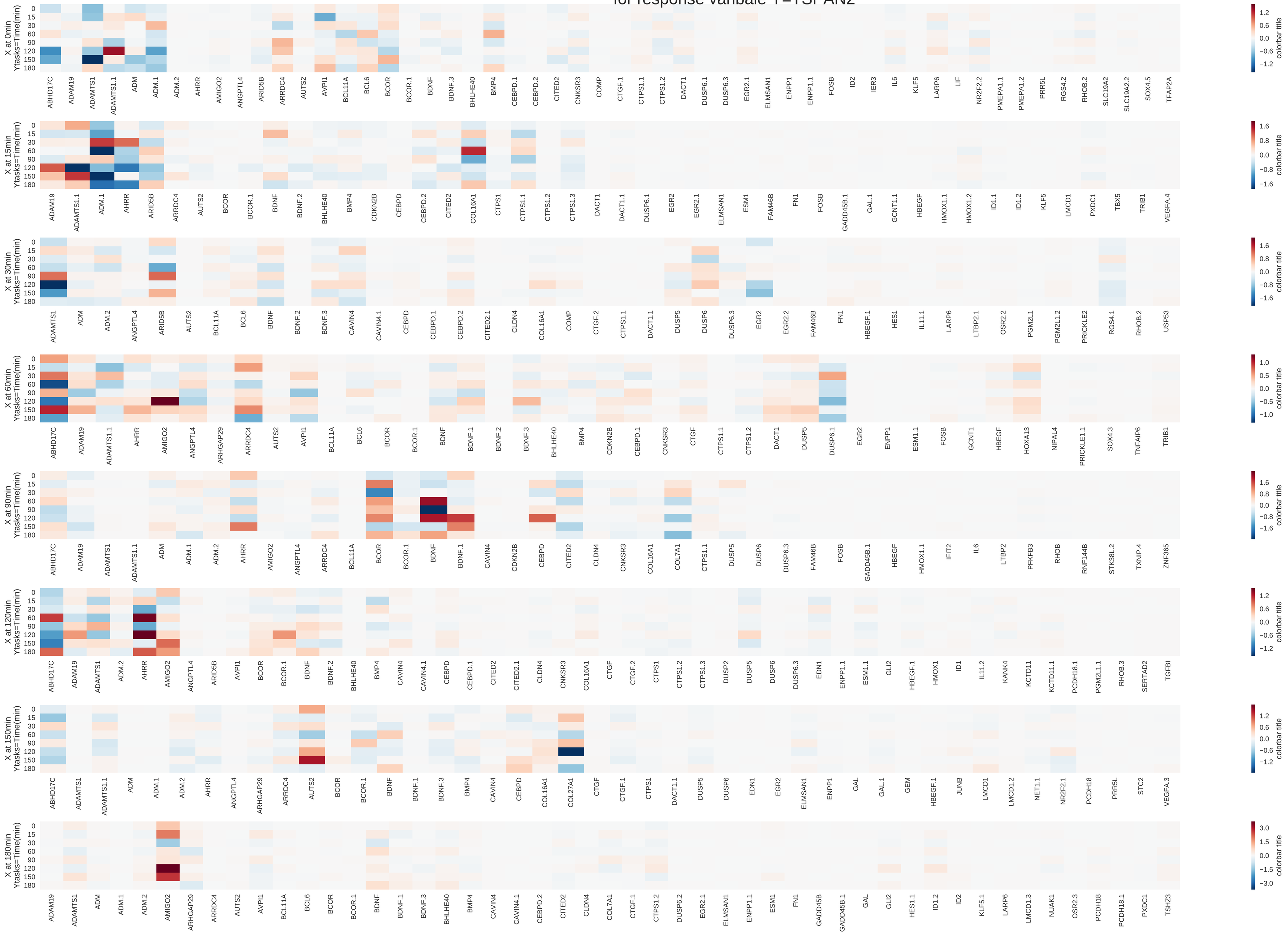
# Coefficients from multi-task LASSO regression for response varibale Y=TSHZ3



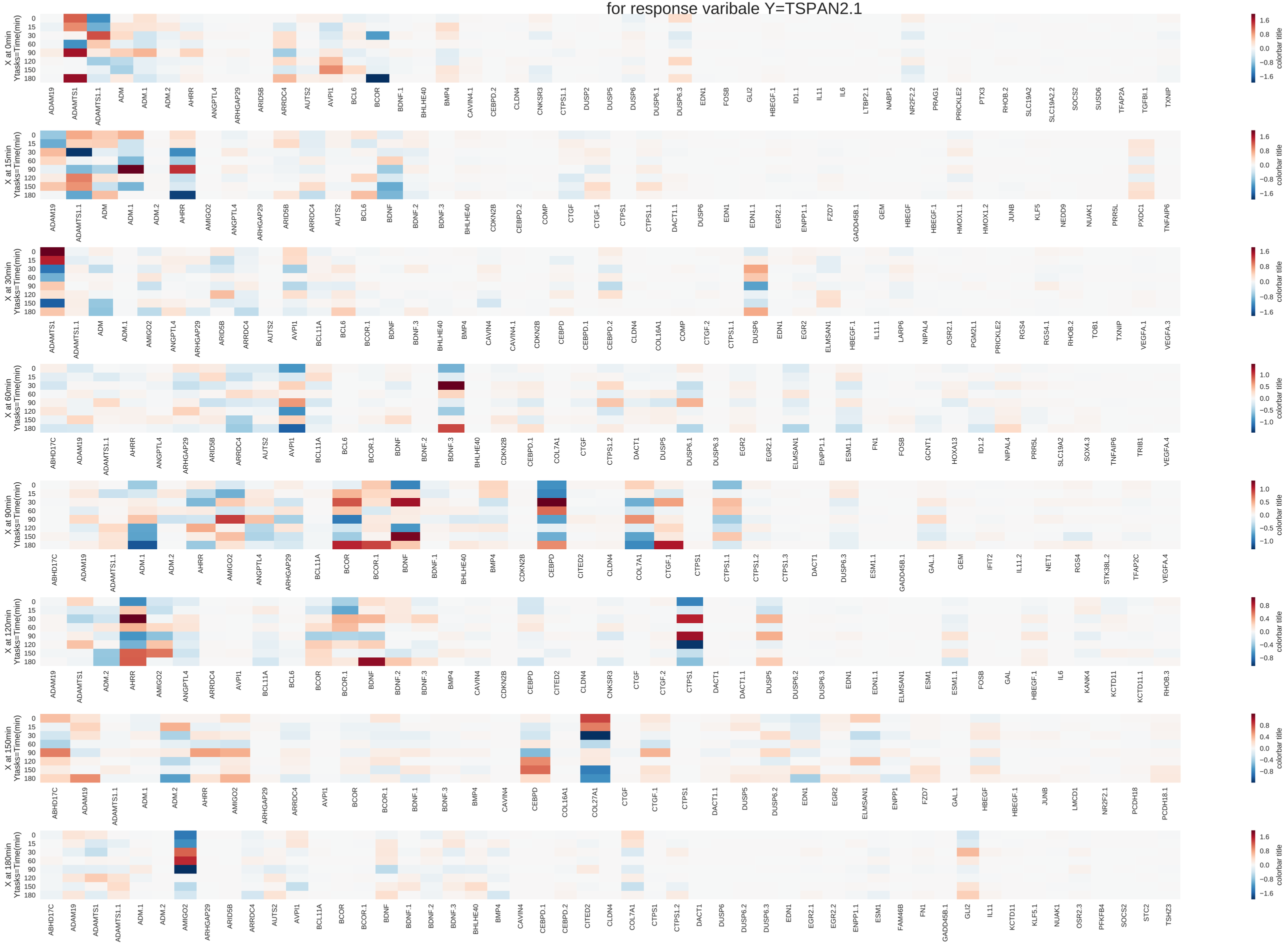
# Coefficients from multi-task LASSO regression for response varibale Y=TSPAN13



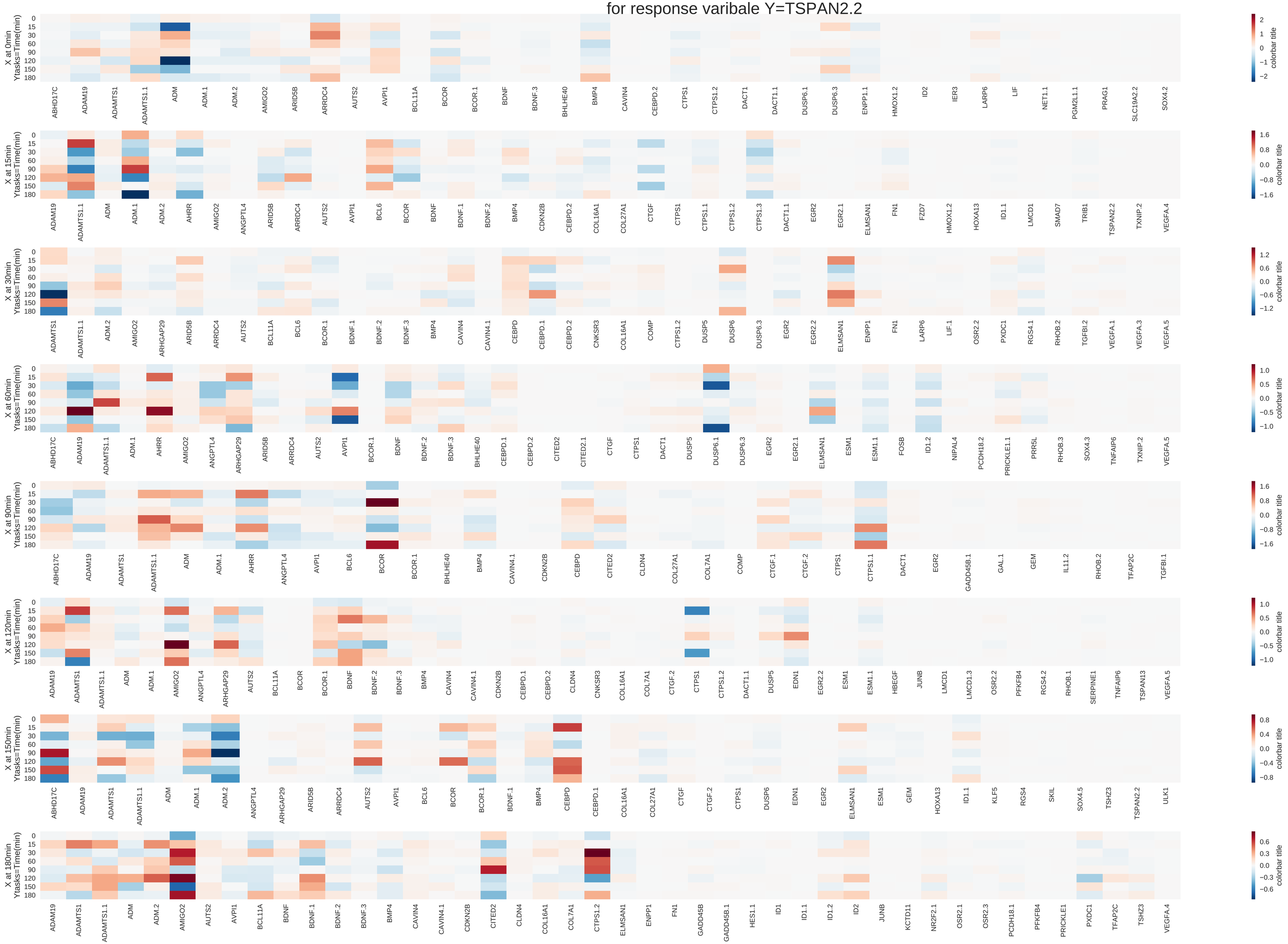
# Coefficients from multi-task LASSO regression for response varibale Y=TSPAN2



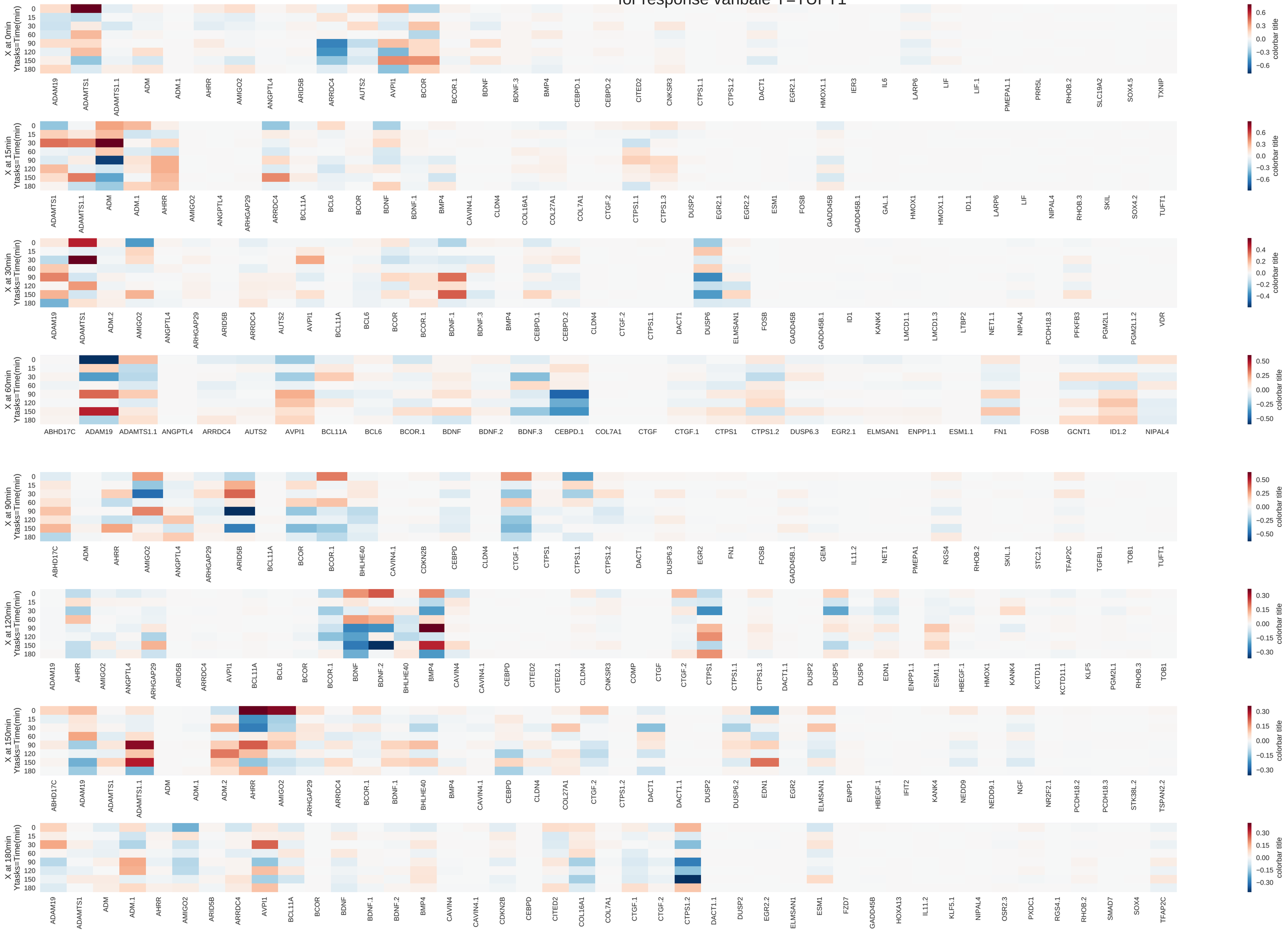
# Coefficients from multi-task LASSO regression for response varibale Y=TSPAN2.1



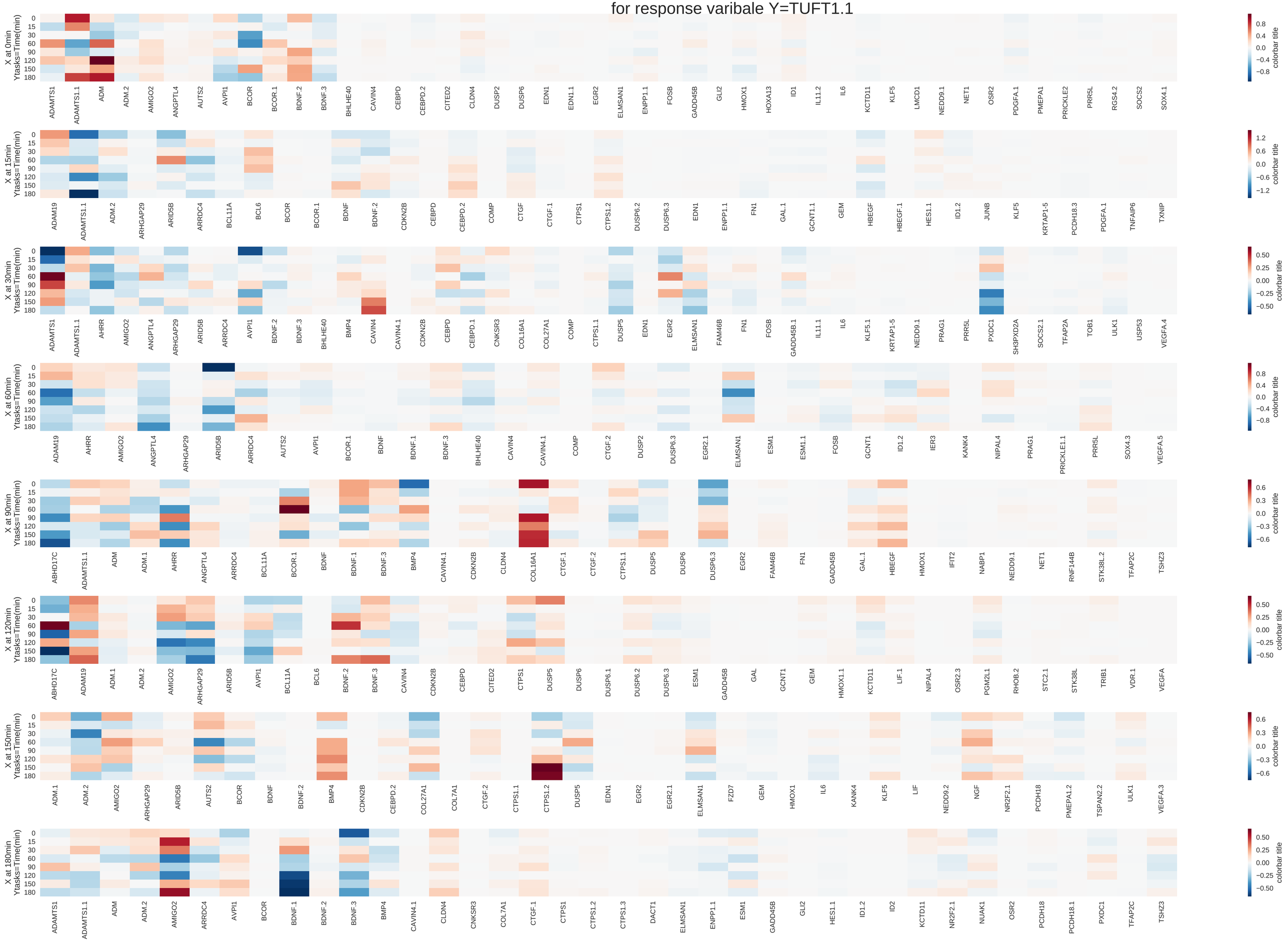
# Coefficients from multi-task LASSO regression for response varibale Y=TSPAN2.2



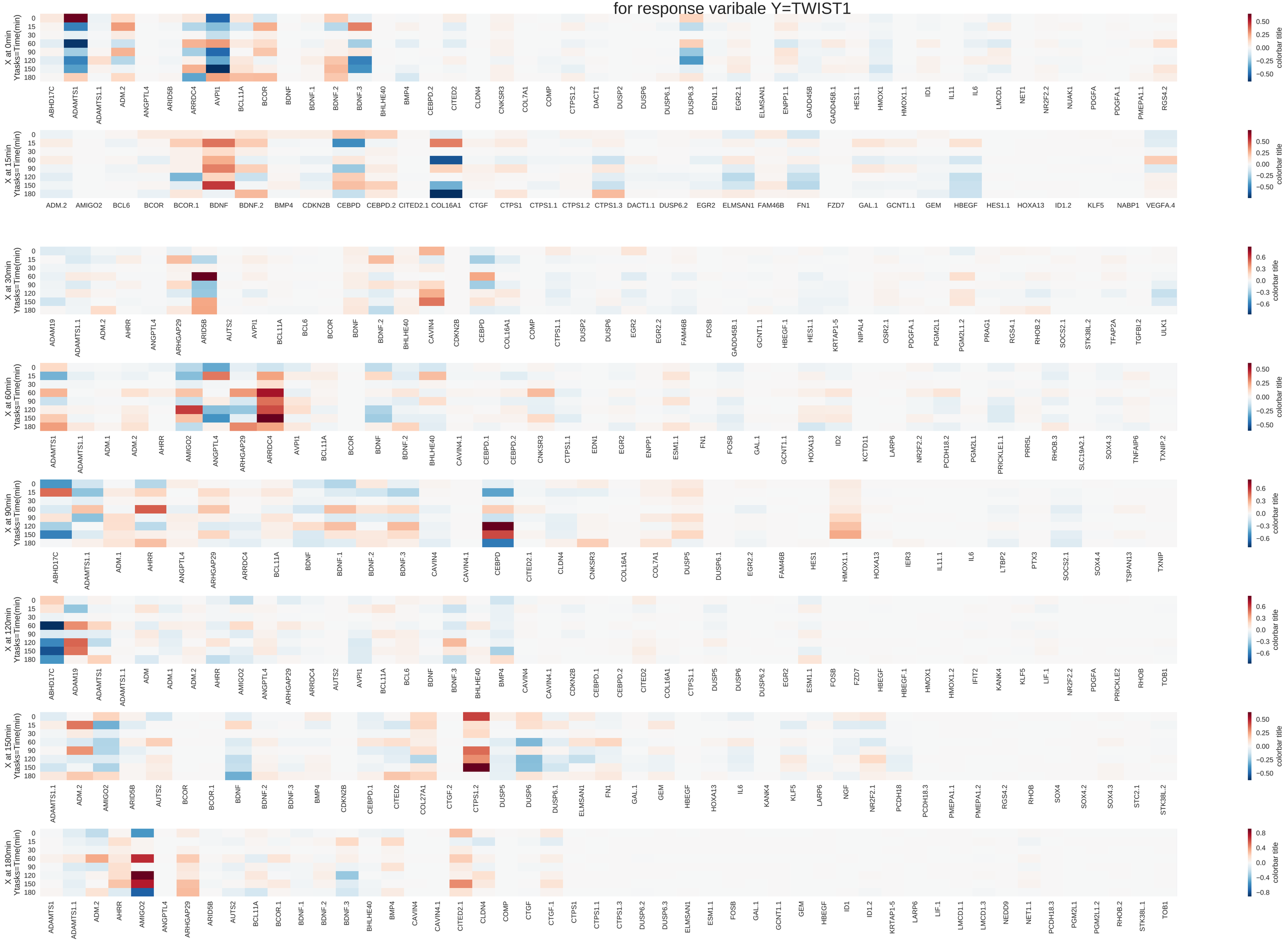
# Coefficients from multi-task LASSO regression for response varibale Y=TUFT1



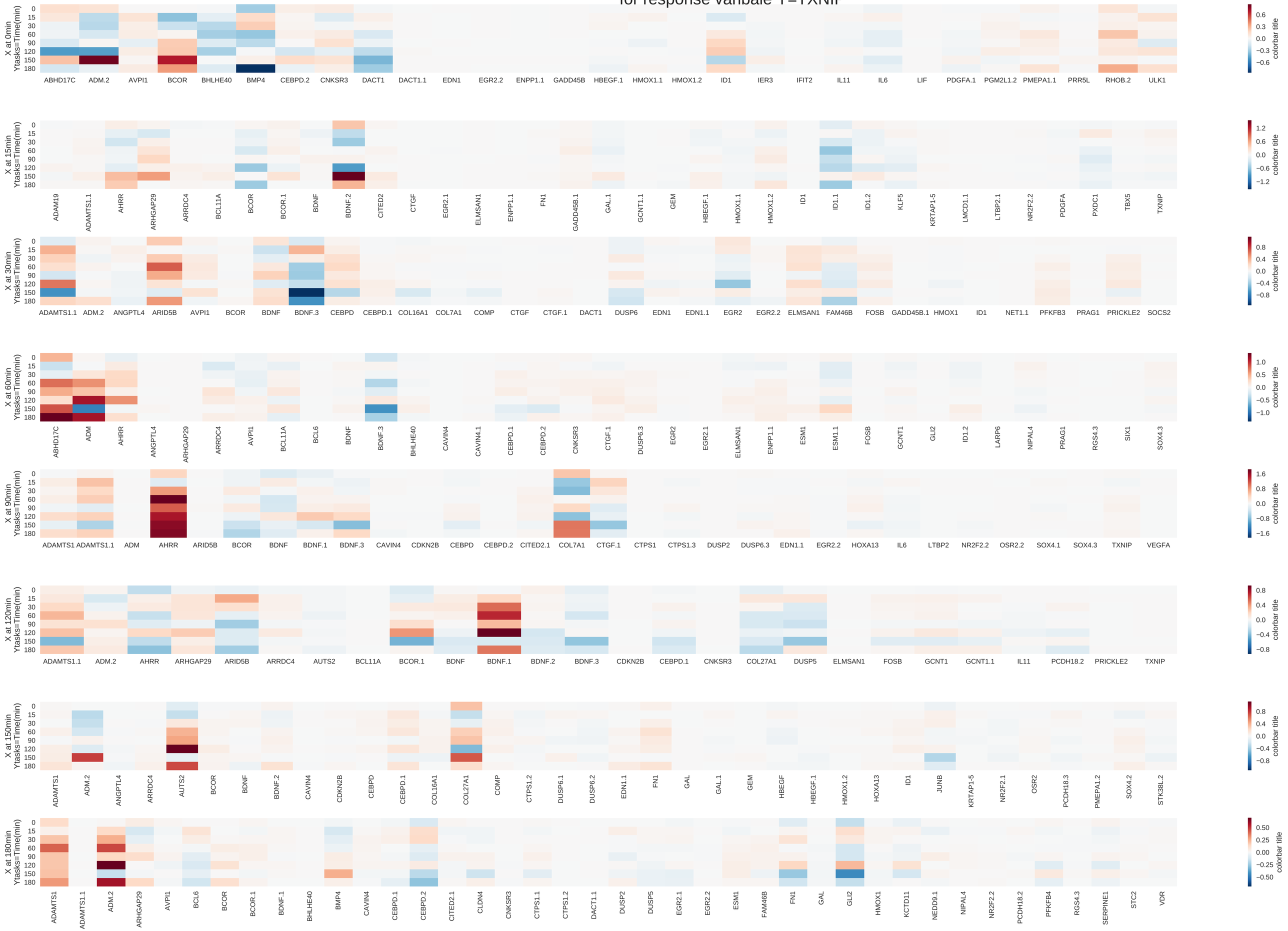
# Coefficients from multi-task LASSO regression for response varibale Y=TUFT1.1



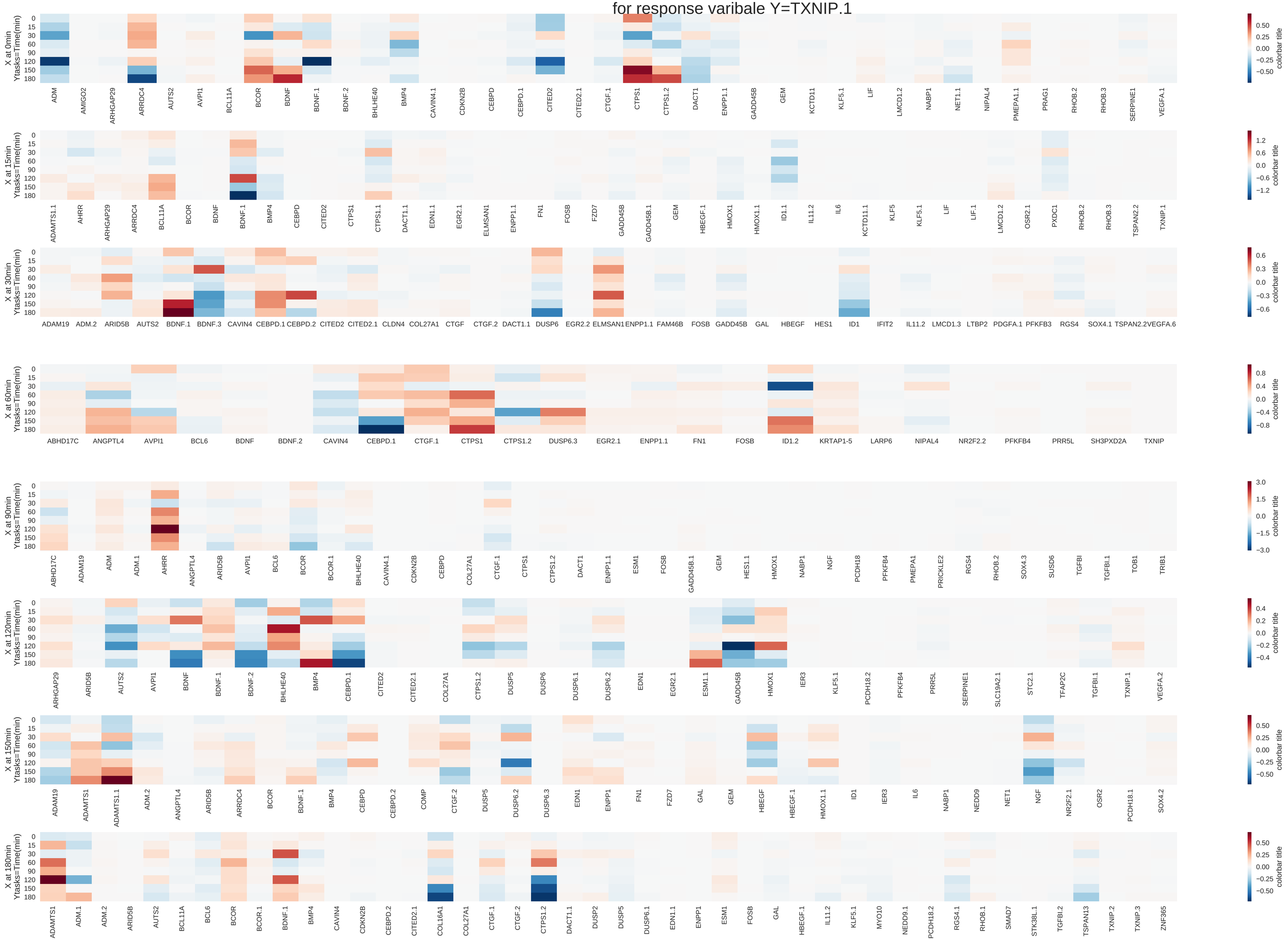
# Coefficients from multi-task LASSO regression for response varibale Y=TWIST1



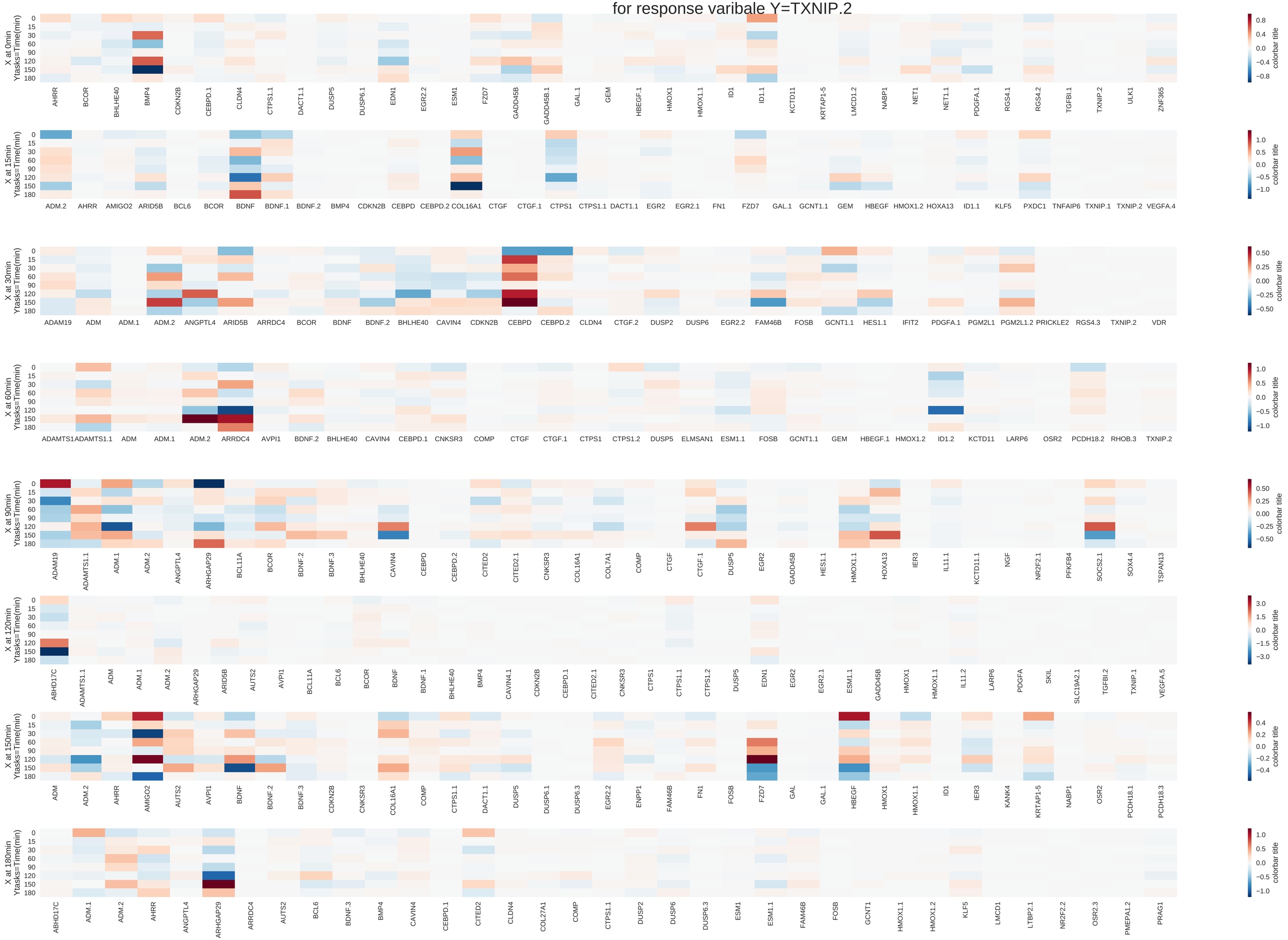
# Coefficients from multi-task LASSO regression for response varibale Y=TXNIP



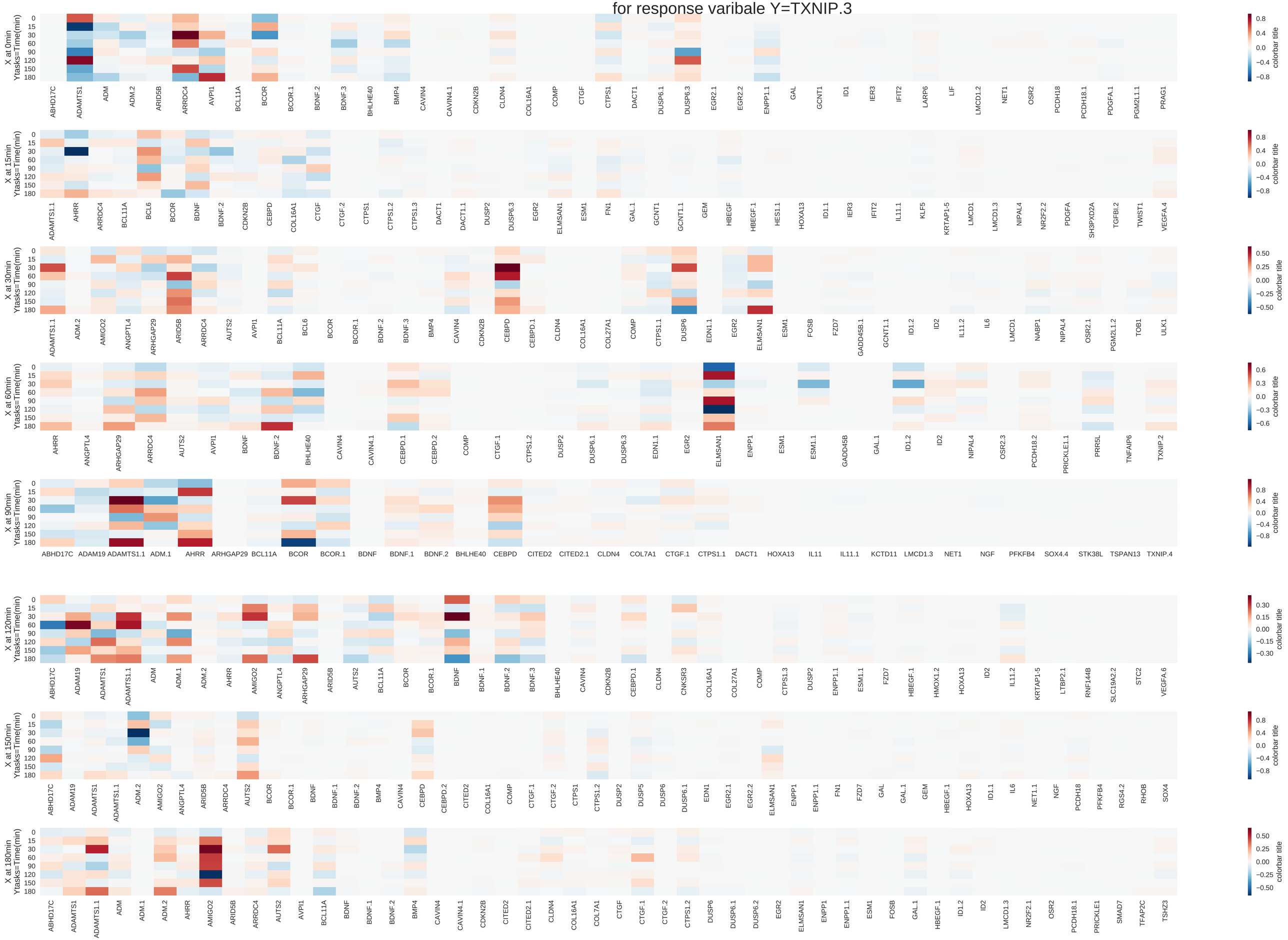
# Coefficients from multi-task LASSO regression for response varibale Y=TXNIP.1



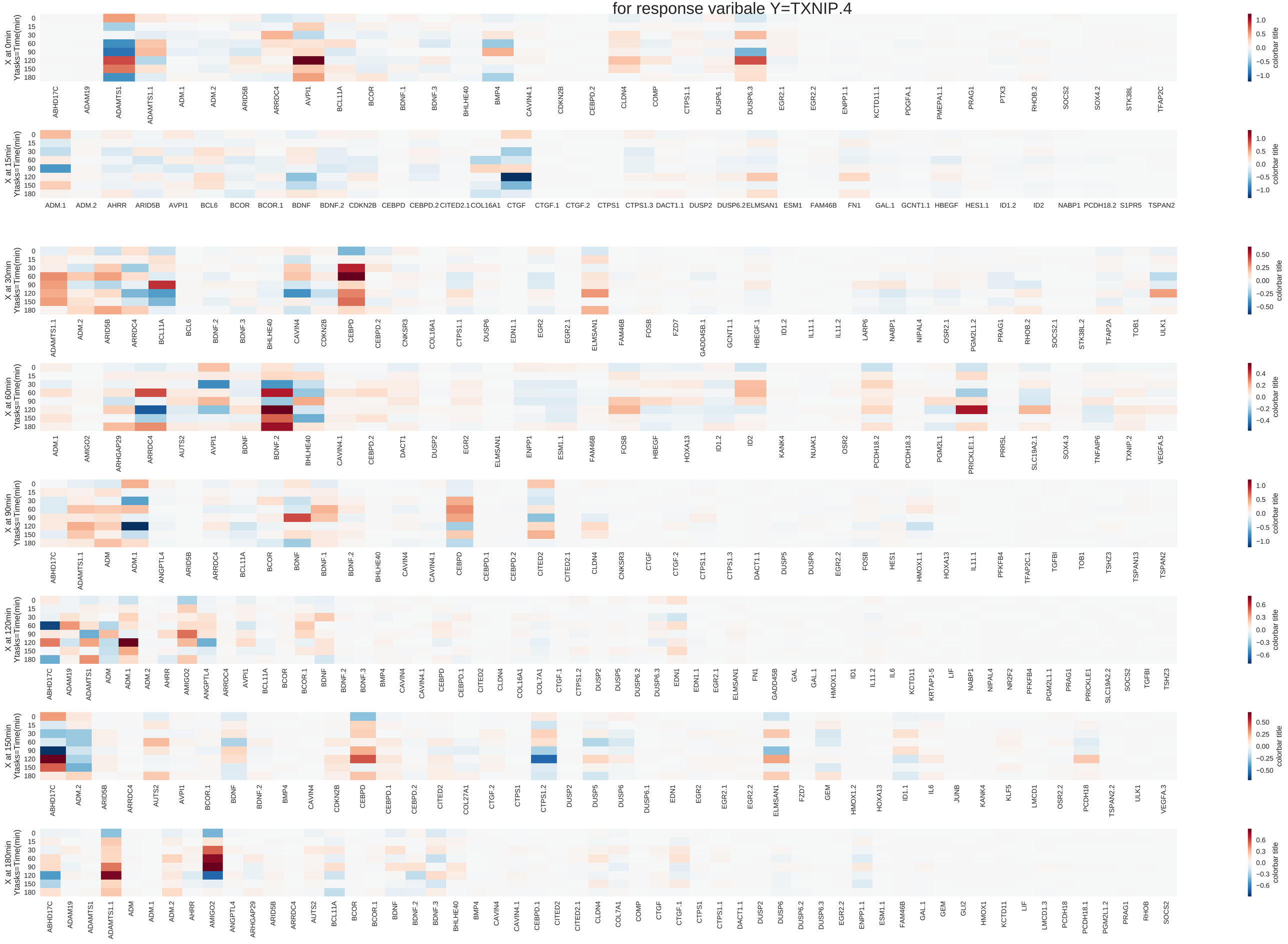
# Coefficients from multi-task LASSO regression for response varibale Y=TXNIP.2



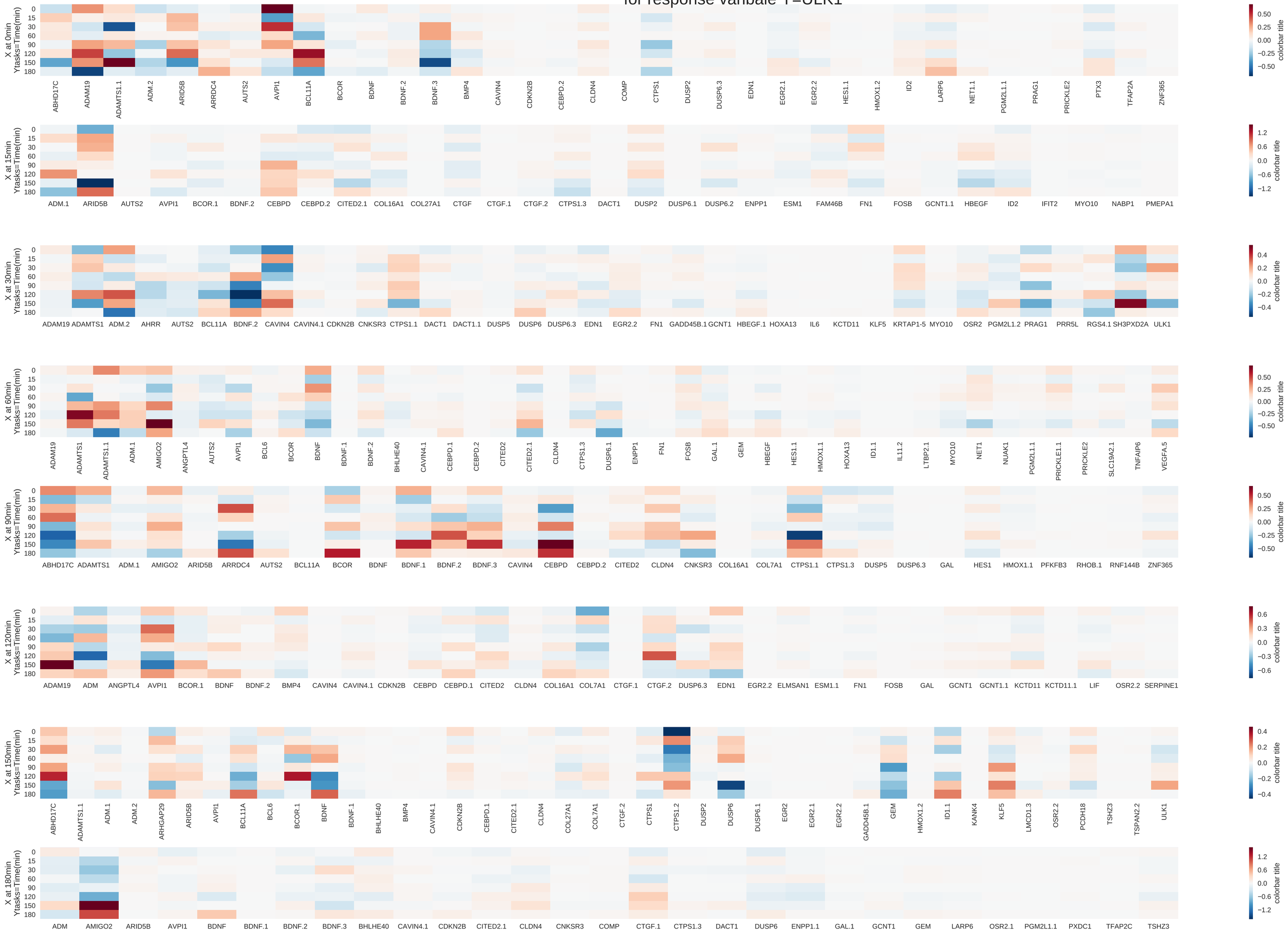
# Coefficients from multi-task LASSO regression for response varibale Y=TXNIP.3



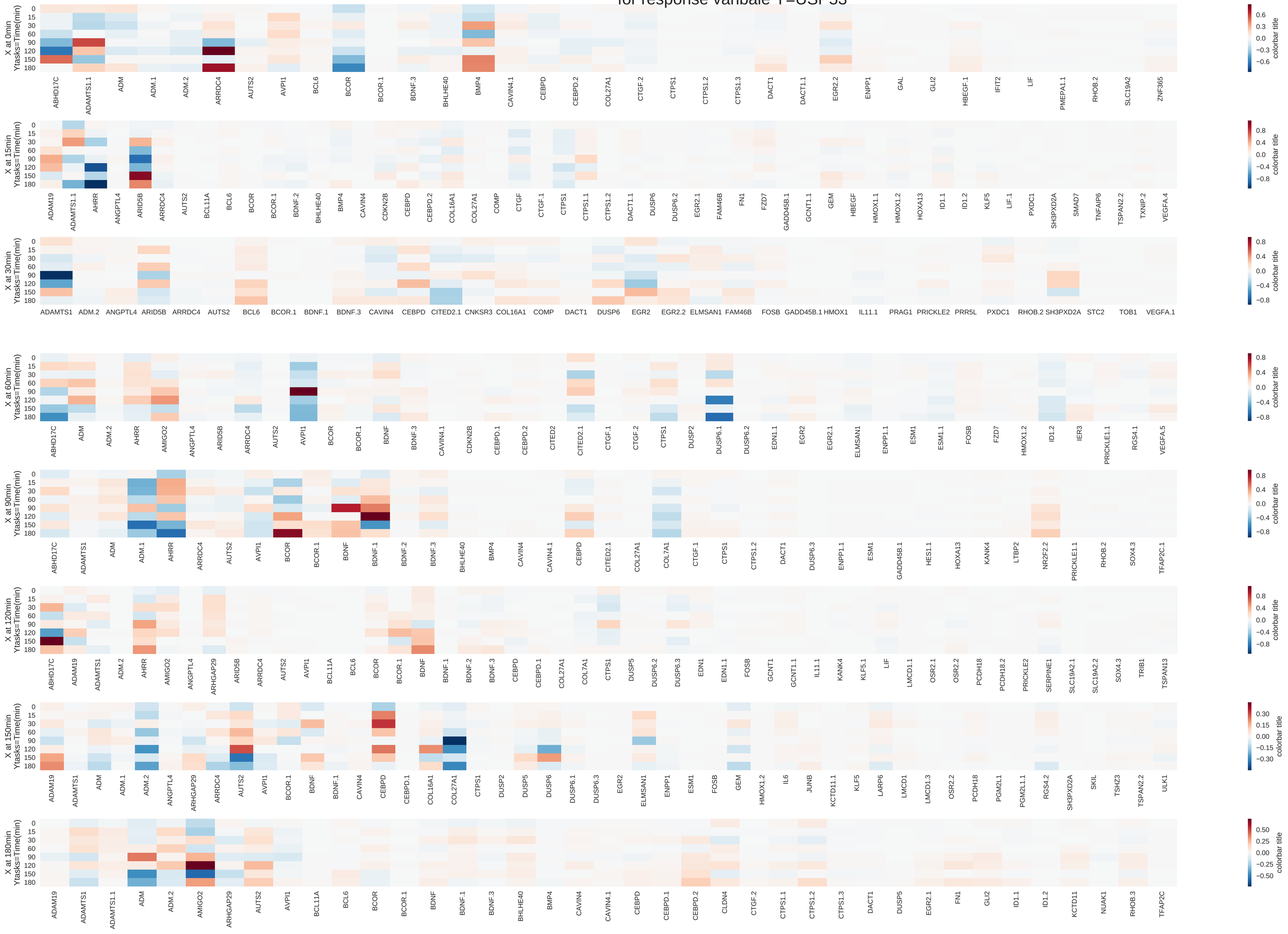
# Coefficients from multi-task LASSO regression for response varibale Y=TXNIP.4



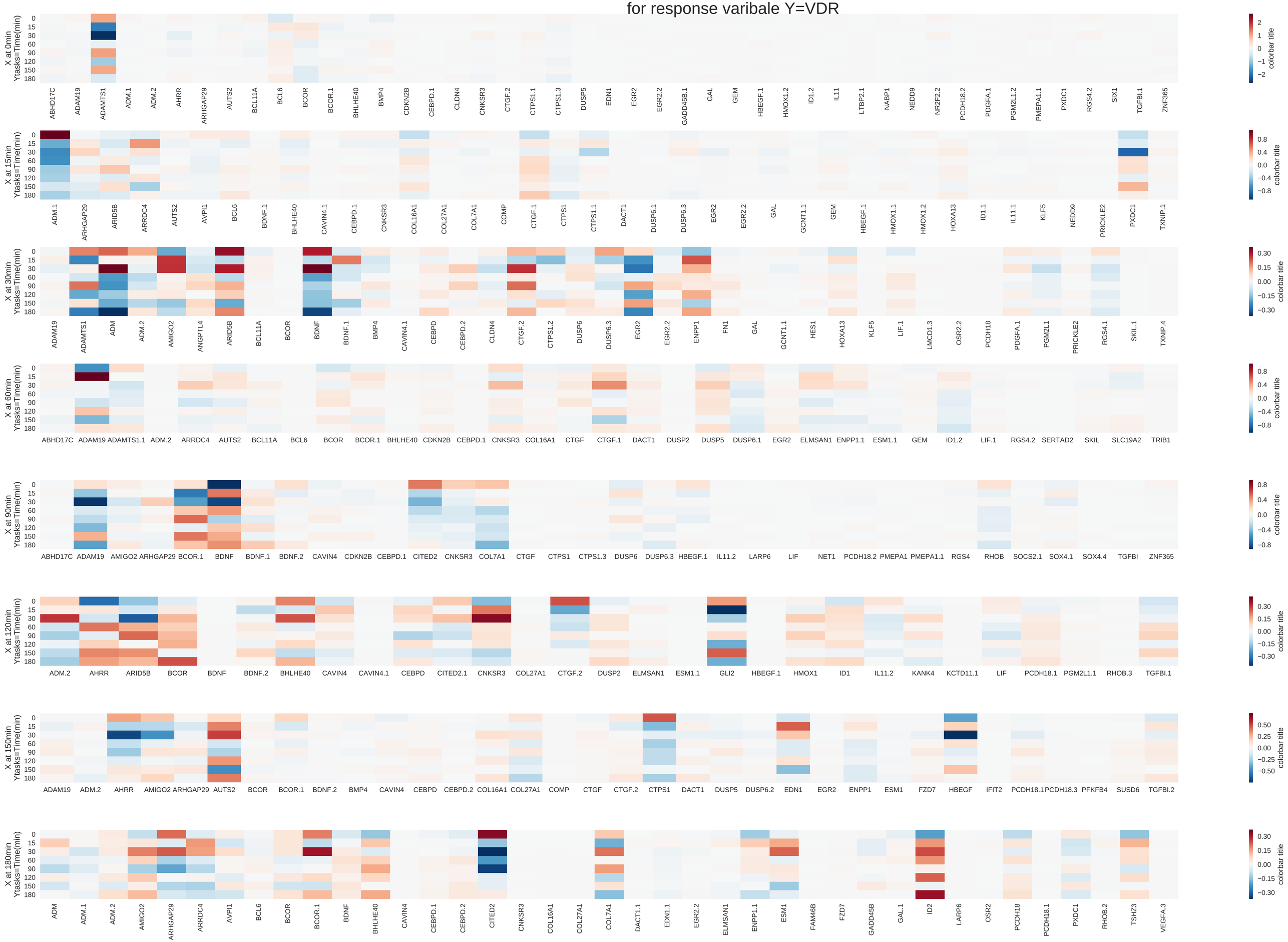
# Coefficients from multi-task LASSO regression for response varibale Y=ULK1



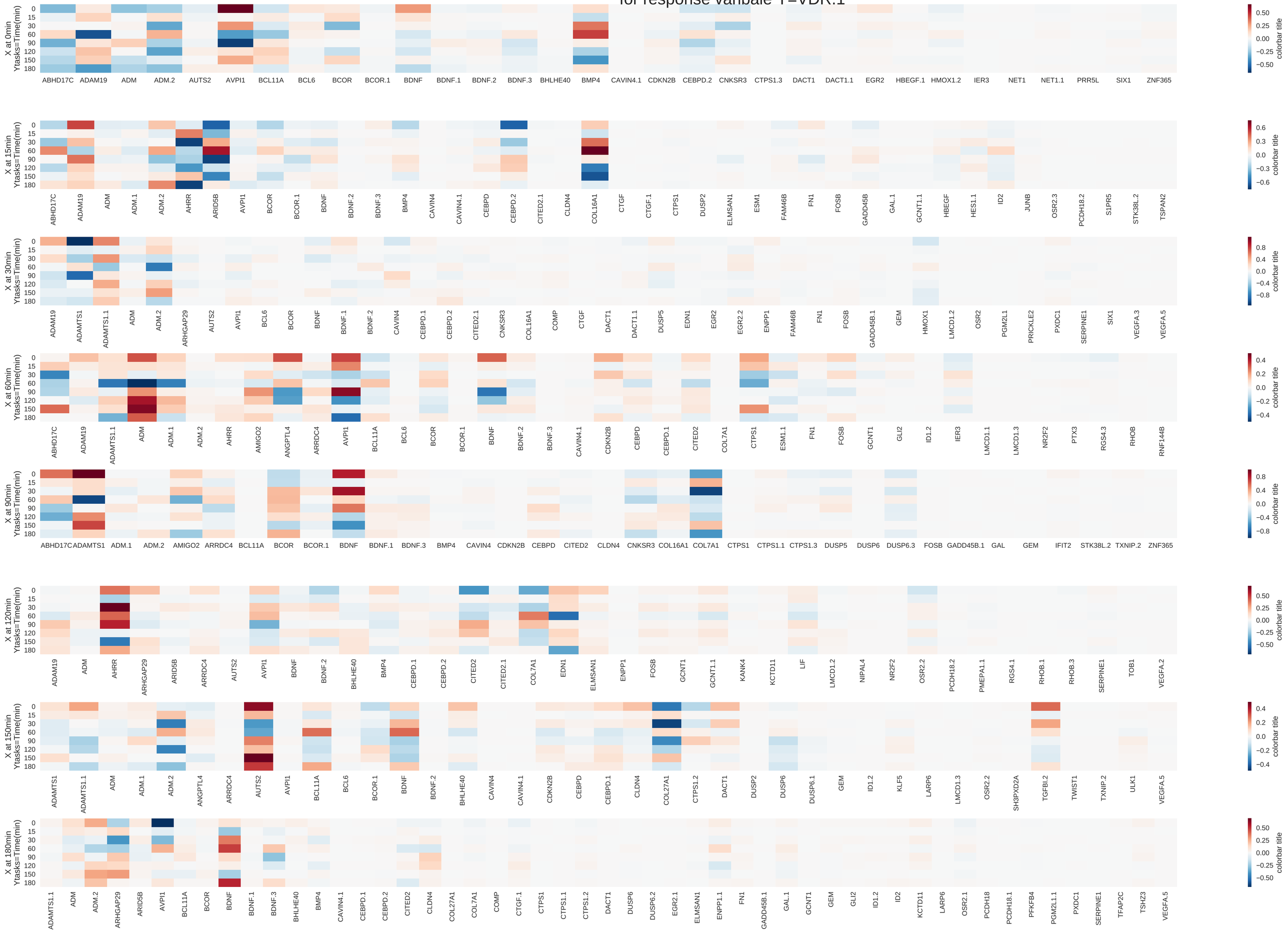
# Coefficients from multi-task LASSO regression for response varibale Y=USP53



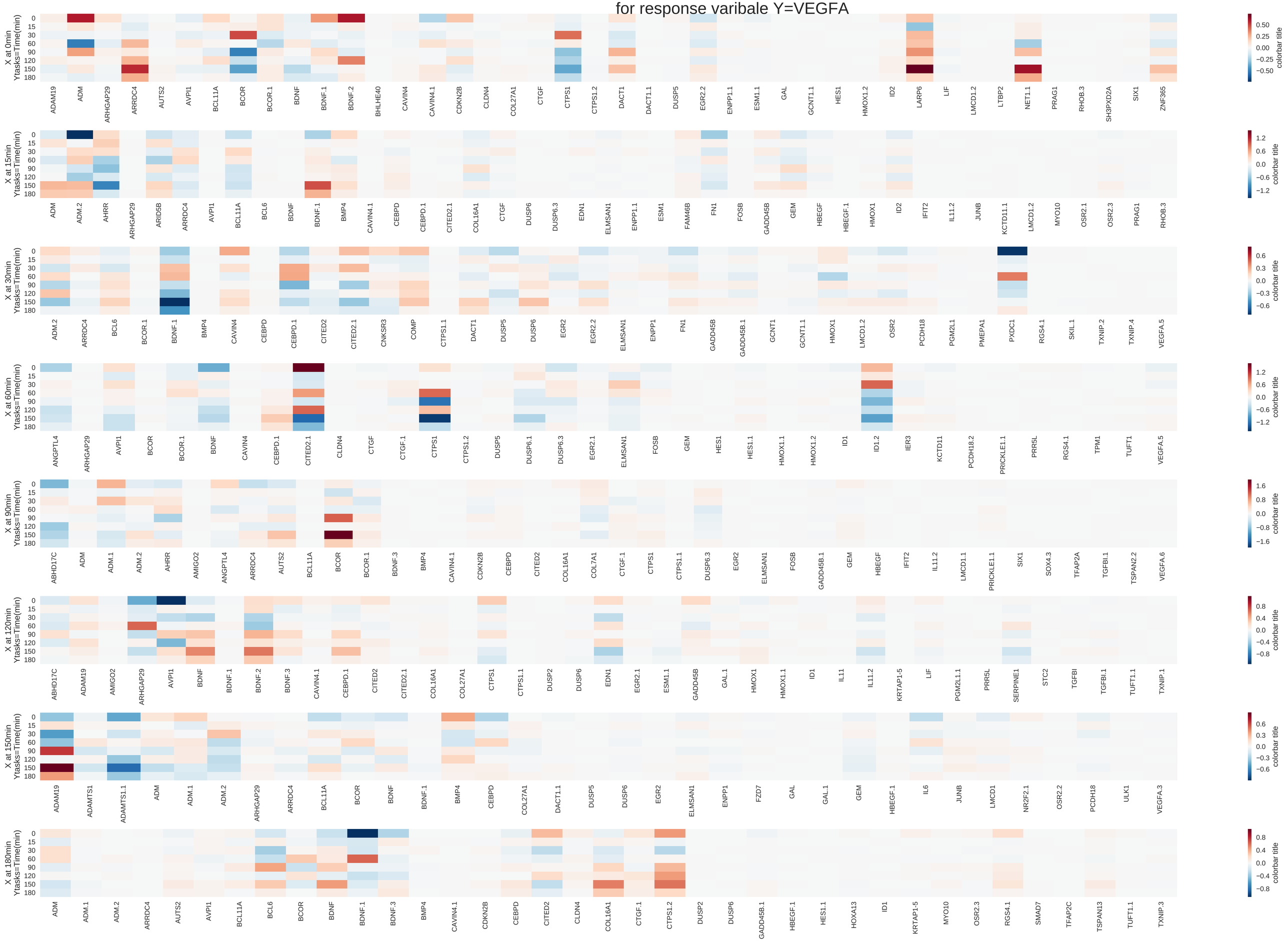
# Coefficients from multi-task LASSO regression for response varibale Y=VDR



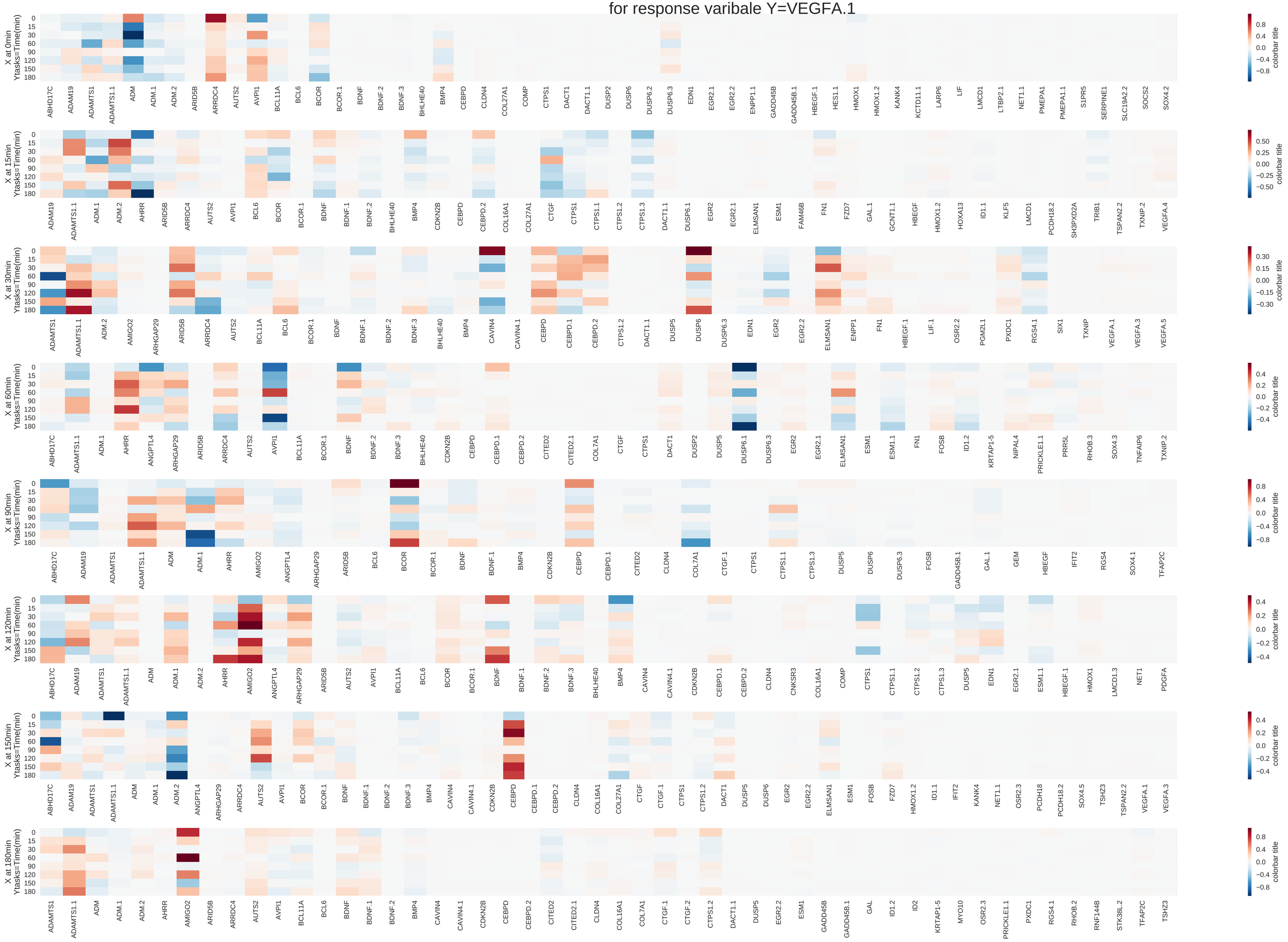
# Coefficients from multi-task LASSO regression for response varibale Y=VDR.1



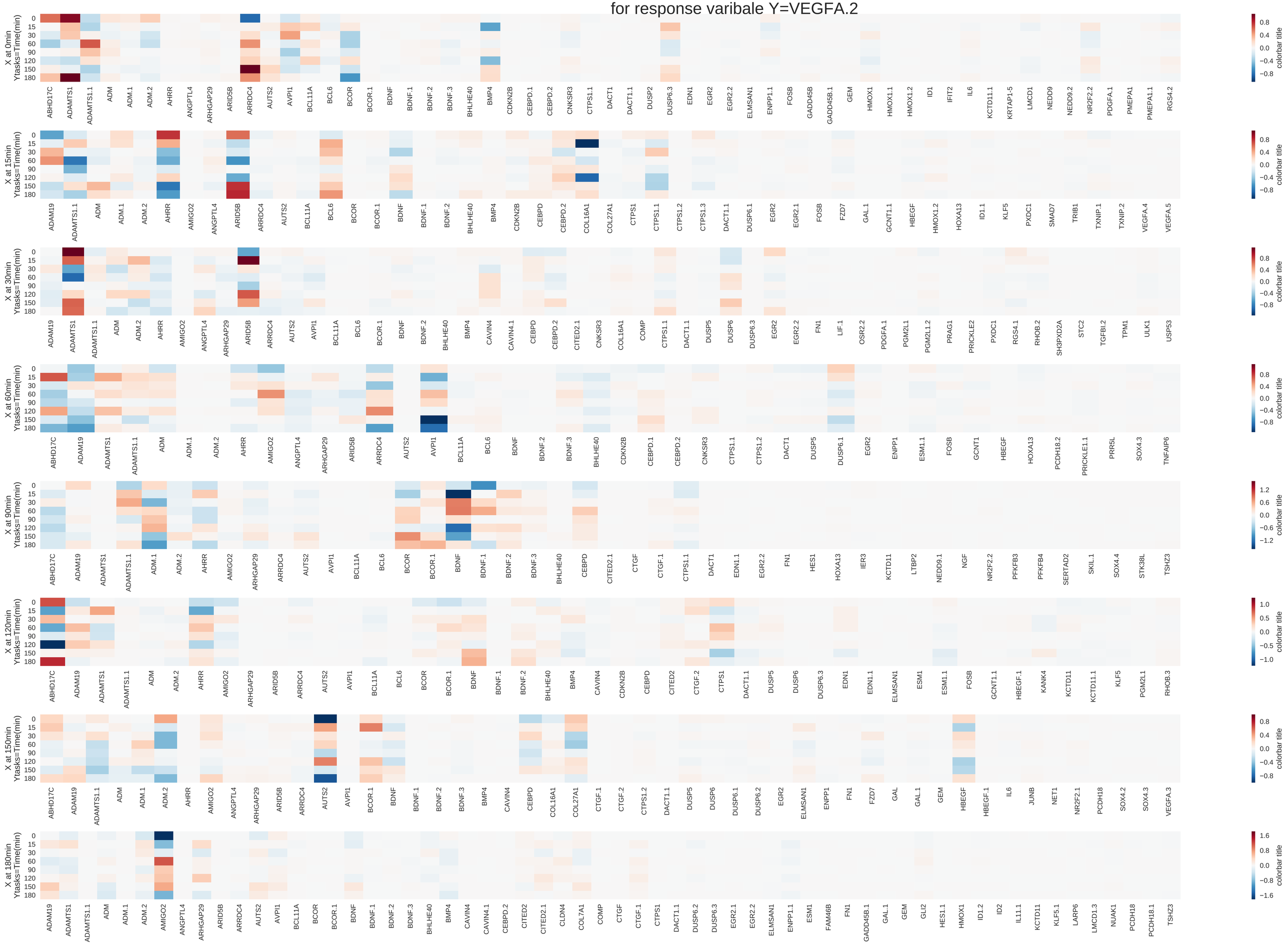
# Coefficients from multi-task LASSO regression for response varibale Y=VEGFA



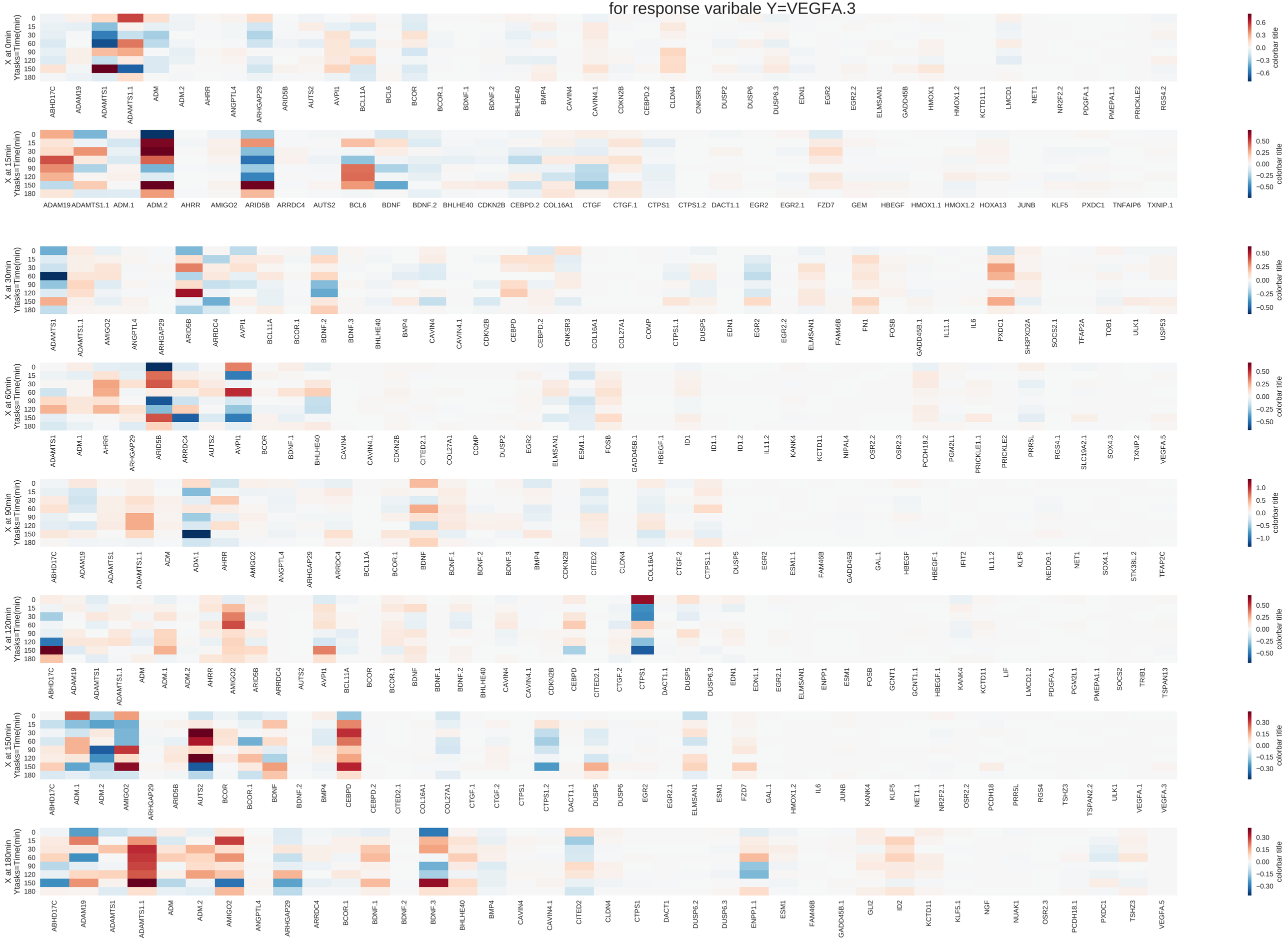
# Coefficients from multi-task LASSO regression for response varibale Y=VEGFA.1



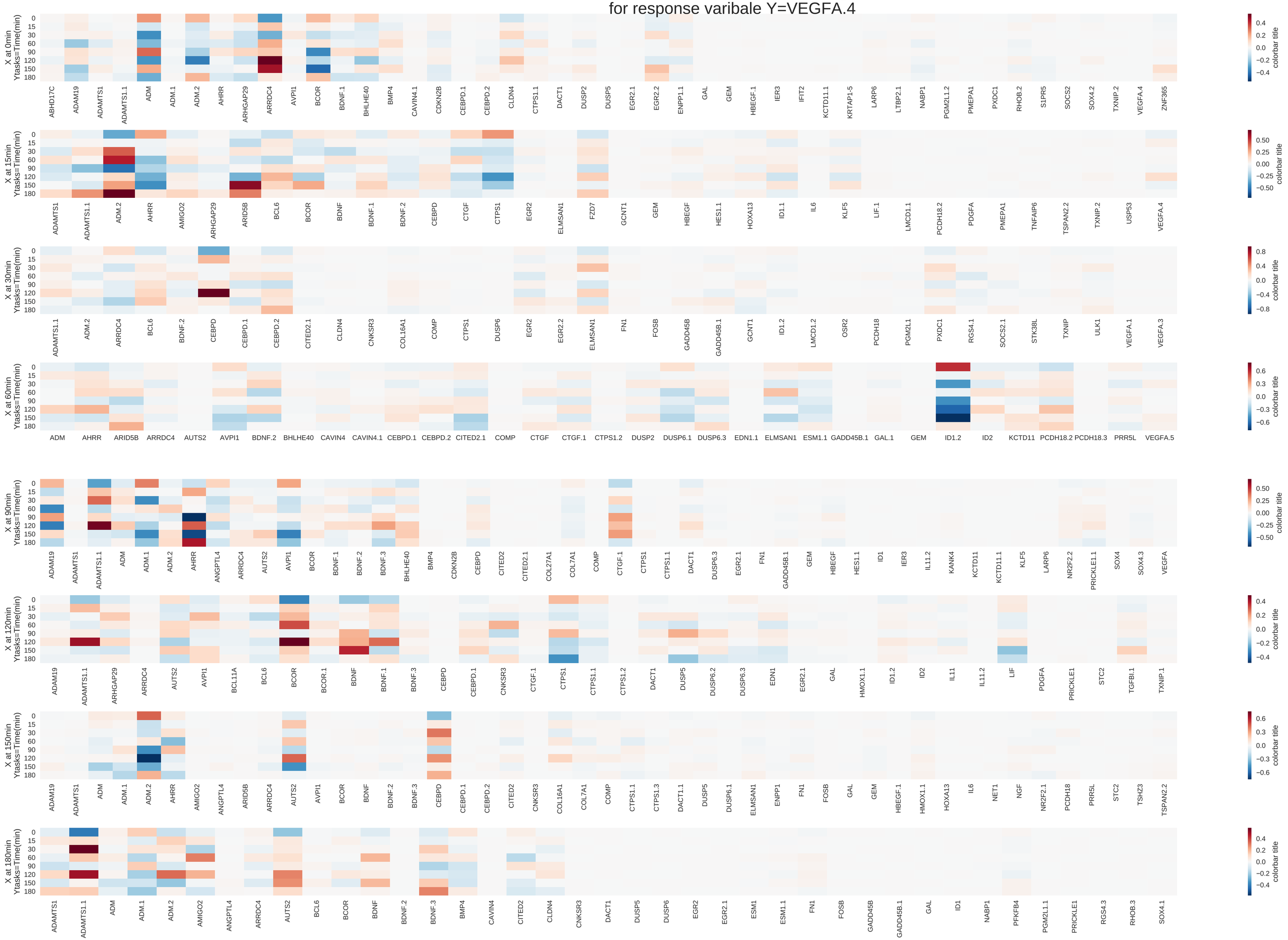
# Coefficients from multi-task LASSO regression for response varibale Y=VEGFA.2



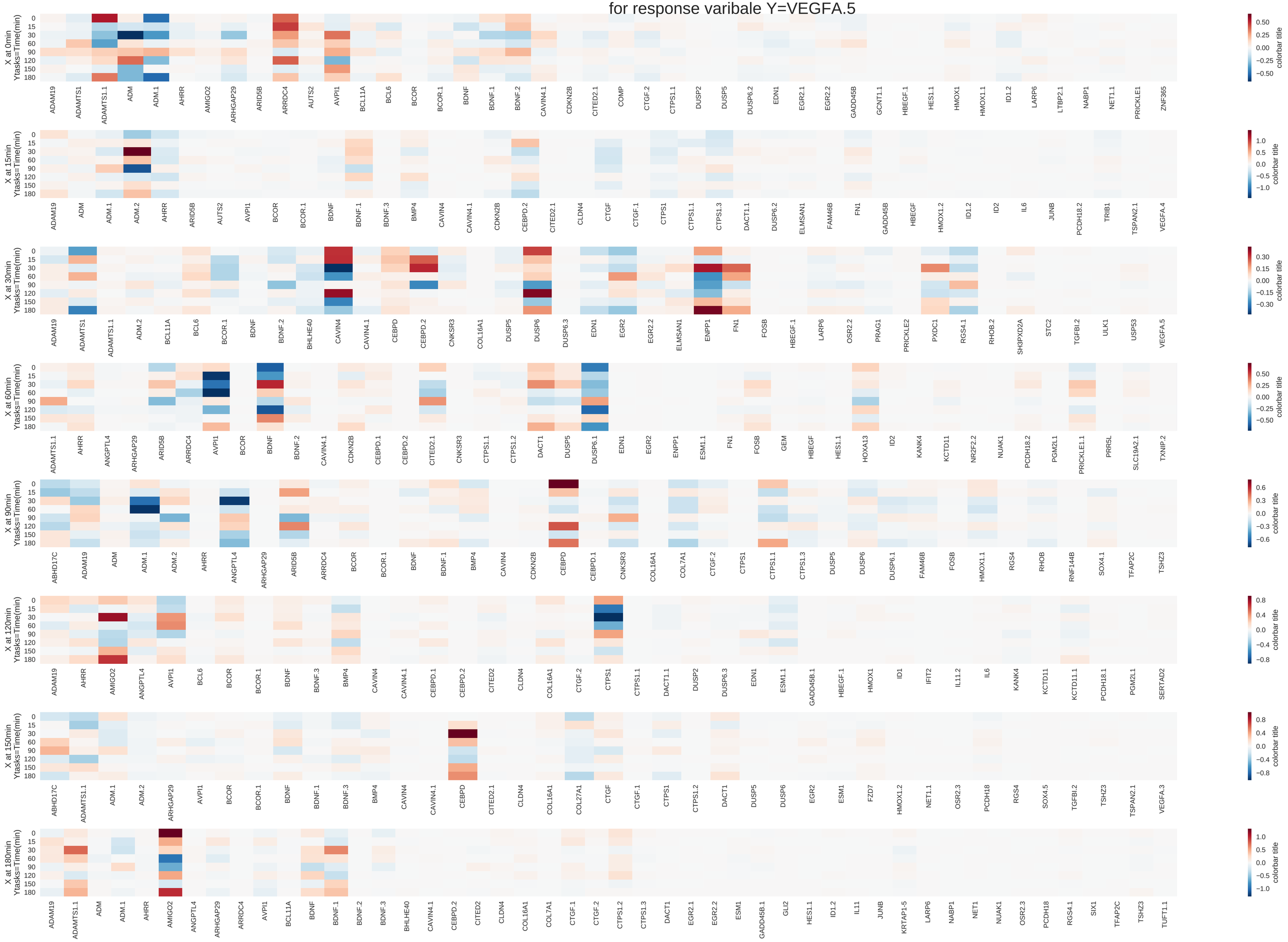
# Coefficients from multi-task LASSO regression for response varibale Y=VEGFA.3



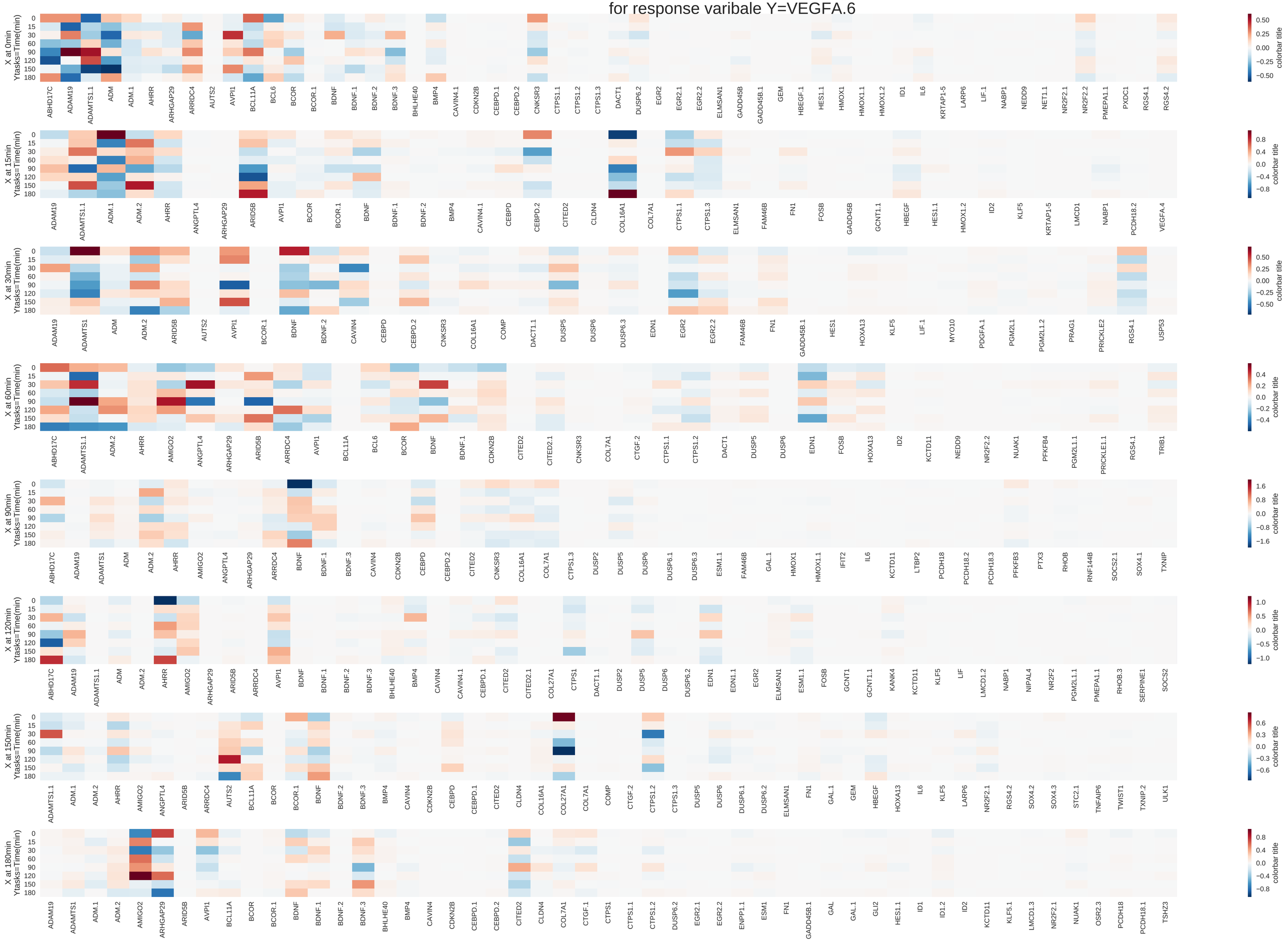
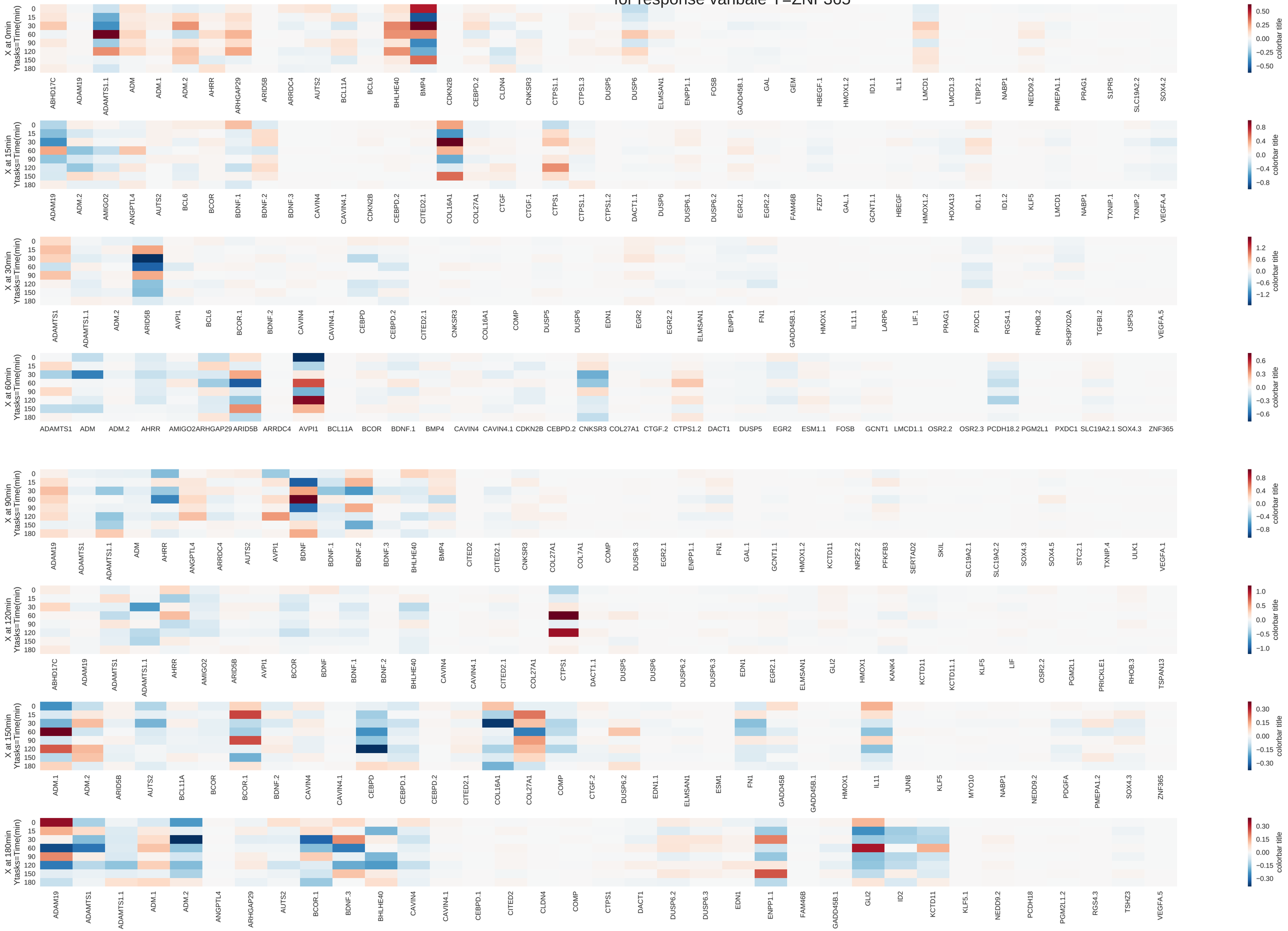
# Coefficients from multi-task LASSO regression for response varibale Y=VEGFA.4



# Coefficients from multi-task LASSO regression for response varibale Y=VEGFA.5



# Coefficients from multi-task LASSO regression for response varibale Y=VEGFA.6



# Coefficients from multi-task LASSO regression for response varibale Y=ZNF365