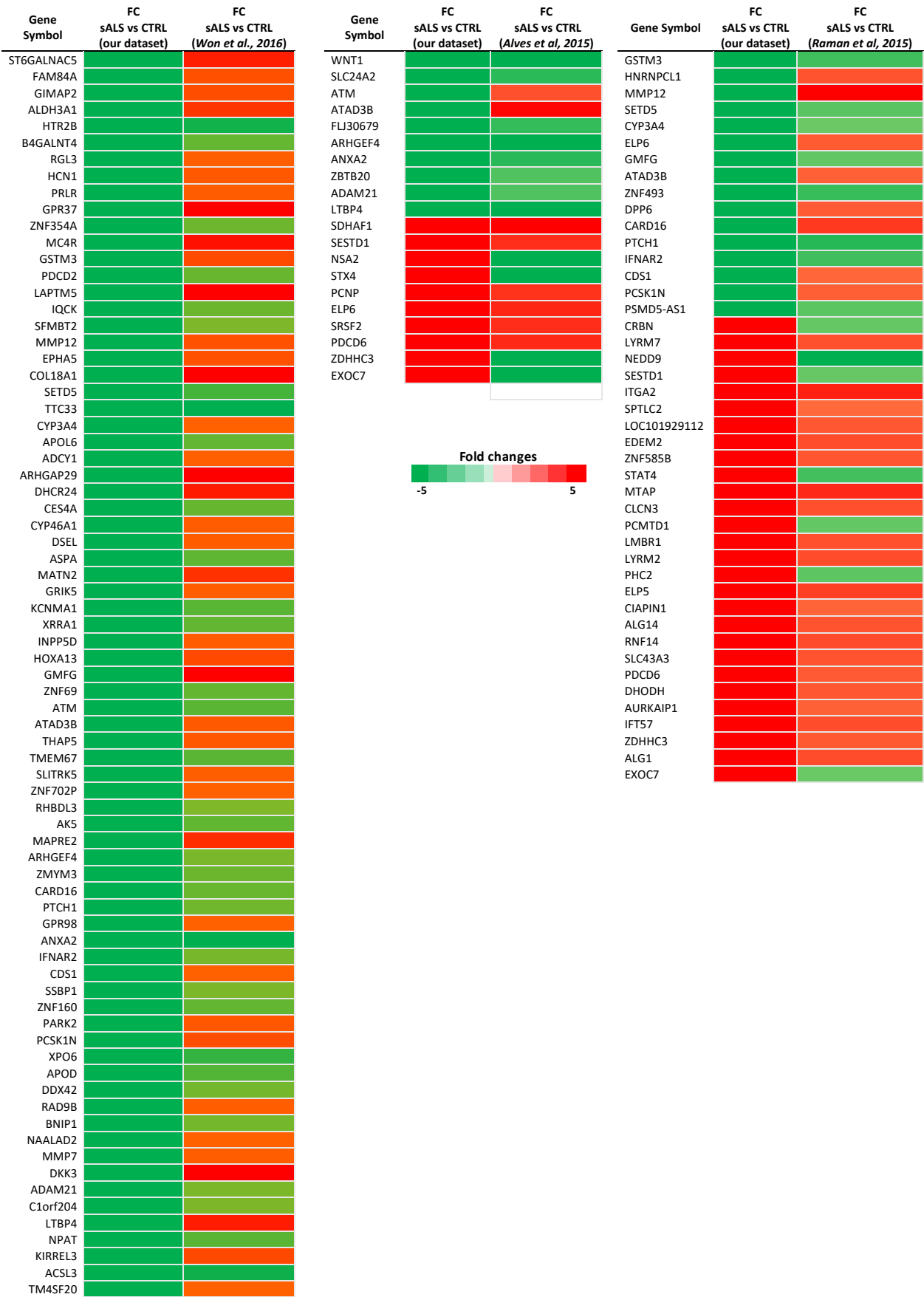


**Supplementary Figure S1.** Heatmaps showing the overlap between expression levels (fold change ratio) of DEGs detected in our sALS fibroblast cohort with other gene expression studies in sALS fibroblasts. Down-regulation is coloured in shades of green, while up-regulation is coloured in shades of red.



SPTA1		
SCNM1		
EIF4G3		
ST3GAL4		
CRBN		
MRPL43		
SDHAF1		
TMEM220		
CNN1		
GSTO2		
TSPAN2		
MTRF1L		
KIAA1462		
LYRM7		
ZNF641		
FRMD4A		
TAF13		
PHYH		
NCOA3		
GAL3ST4		
RARG		
TTC5		
SEL1L3		
RABEP1		
CNNM4		
BANK1		
POFUT2		
FGFBP3		
ACVR2A		
TBC1D24		
YIF1B		
GDF6		
NEDD9		
OBFC1		
PABPC4L		
SESTD1		
LRRC8A		
SLC38A7		
GPX7		
C17orf85		
ITGA2		
DNAJC21		
HNRNPR		
ACTR8		
FZR1		
MTRF1		
ZMYND11		
SPTLC2		
TANC2		
CHPF2		
MAPK13		
KCNK6		
EDEM2		
MGAT2		
ZNF585B		
TAF1		
POMC		
PPAN		
USP6NL		
DYNLL2		
SLC30A9		
SF3B3		
STAT4		
RNF13		
NSA2		
FGD6		
LMO7		
FAM65A		
ALAD		
MRPL45		
ZBTB3		
LRRC23		
STX4		
MTAP		
ERLIN2		
C18orf8		
CLCN3		
SOCS5		
GNG10		
ALKBH7		
GOLGB1		
TMEM185B		
HIST1H2AM		
LOC728323		
PEX3		
CELF1		
PTPRJ		
TSG101		
ATL1		
DAP		

PCMTD1		
OXCT1		
TCF25		
LMBR1		
LYRM2		
MADD		
PCNP		
PHC2		
LRRC8E		
UACA		
LRPPRC		
CIAPIN1		
FAM120C		
ZNF577		
FEZ1		
ALG14		
RNF14		
FBXO32		
AIG1		
FOSL2		
COL11A1		
HOXC9		
DYNC2H1		
CGGBP1		
TTC27		
SLC43A3		
BBS10		
SRSF2		
PDCD6		
ZFAND2B		
HMGA1		
KLHL21		
DHODH		
POLR3D		
ZC3H7A		
RAB34		
MAGED2		
DOCK7		
CTBP2		
AURKAIP1		
AXL		
EPAS1		
IFT57		
ZDHHC3		
WDR54		
SEC31A		
ALG1		
CARHSP1		
EXOC7		