

File Name: Supplementary Data 1

Description: iPSMN differentiation protocols and RNA-seq library strategies

File Name: Supplementary Data 2

Description: iPSMN RNA-seq quality control metrics

File Name: Supplementary Data 3

Description: Differential gene expression results from pan ALS versus control iPSMNs

File Name: Supplementary Data 4

Description: Transcription factor activities inferred with Dorothea in ALS versus control iPSMNs

File Name: Supplementary Data 5

Description: Differential protein expression results from pan ALS versus control iPSMNs

File Name: Supplementary Data 6

Description: Differential gene expression in each ALS genetic background in iPSMNs

File Name: Supplementary Data 7

Description: Overlapping differentially expressed genes in ALS versus control between iPSMNs and post-mortem

File Name: Supplementary Data 8

Description: TDP43 knock down dataset details

File Name: Supplementary Data 9

Description: Differential splicing events in ALS versus control iPSMNs

File Name: Supplementary Data 10

Description: Differential splicing events in in each ALS genetic background in iPSMNs

File Name: Supplementary Data 11

Description: Differential splicing events in ALS versus control post-mortem tissue

File Name: Supplementary Data 12

Description: Numbers of somatic mutations in iPSMNs

File Name: Supplementary Data 13

Description: Numbers of somatic mutations in post-mortem tissue

File Name: Supplementary Data 14

Description: Numbers of gene fusions in iPSMNs and post-mortem tissue