

**Supplementary Table S1.** List of abbreviations.

<b>Abbreviations</b>	<b>Name</b>
ALS	Amyotrophic Lateral Sclerosis
sALS	Sporadic Amyotrophic Lateral Sclerosis
fALS	Familiar Amyotrophic Lateral Sclerosis
SOD1	Superoxide Dismutase 1
FUS	FUS RNA Binding Protein
C9ORF72	C9orf72-SMCR8 Complex Subunit
ATXN2	Ataxin 2
OPTN	Optineurin
VCP	Valosin Containing Protein
PFN1	Profilin 1
MATR3	Matrin 3
SETX	Senataxin
UBQLN2	Ubiquilin 2
LGALS1	Galectin Like
FIG4	FIG4 Phosphoinositide 5-Phosphatase
ALS2	Alsin Rho Guanine Nucleotide Exchange Factor ALS2
GEO	Gene Expression Omnibus
GSE	Gene Expression Series
DEG	Differentially Expressed Genes
GO	Gene Ontology
BP	Biological Process
CC	Cellular Component
MF	Molecular Function
PPI	Protein-protein Interaction
MCC	Maximum clique centrality
EIF4A1	Eukaryotic Translation Initiation Factor 4A1
CCT2	CCT2: Chaperonin Containing TCP1 Subunit 2
ETF1	Eukaryotic Translation Termination Factor 1
PABPC1	Poly(A) Binding Protein Cytoplasmic 1
HNRNPR	Heterogeneous Nuclear Ribonucleoprotein R
EIF3A	Eukaryotic Translation Initiation Factor 3 Subunit A
EEF2	Eukaryotic Translation Elongation Factor 2
HNRNPA1	Heterogeneous Nuclear Ribonucleoprotein A1
RPLP0	Ribosomal Protein Lateral Stalk Subunit P0
EEF1A1	Eukaryotic Translation Elongation Factor 1 Alpha 1
RAN	RAN, Member RAS Oncogene Family
RPL12	Ribosomal Protein L12
CCT6A	Chaperonin Containing TCP1 Subunit 6A
RPL15	Ribosomal Protein L15
CCT3	Chaperonin Containing TCP1 Subunit 3
COX5B	Cytochrome C Oxidase Subunit 5B
COX6A2	Cytochrome C Oxidase Subunit 6A2
NDUFA4	NDUFA4 Mitochondrial Complex Associated
COX6C	Cytochrome C Oxidase Subunit 6C

NDUFB4	NADH:Ubiquinone Oxidoreductase Subunit B4
ATP5MC1	ATP Synthase Membrane Subunit C Locus 1
COX8A	Cytochrome C Oxidase Subunit 8A
NDUFA3	NADH:Ubiquinone Oxidoreductase Subunit A3
ATP5PF	ATP Synthase Peripheral Stalk Subunit F6
COX7A1	Cytochrome C Oxidase Subunit 7A1
COX5A	Cytochrome C Oxidase Subunit 5A
NDUFA6	NADH:Ubiquinone Oxidoreductase Subunit A6

**Supplementary Table S2.** GSE41414 Sample Set Information.

<b>ID</b>	<b>Group</b>	<b>Site of onset</b>	<b>Gender</b>	<b>Age</b>	<b>Biopsied muscle</b>
1	Control	-	Male	59	Deltoid
2	Control	-	Female	62	Deltoid
3	Control	-	Male	66	Deltoid
4	Control	-	Female	60	Deltoid
5	Control	-	Female	64	Deltoid
6	Control	-	Female	70	Deltoid
7	Control	-	Male	65	Deltoid
8	ALS	Spinal	Male	73	Quadriceps
9	ALS	Spinal	Female	72	Quadriceps

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10	ALS	Spinal	Female	59	Deltoid
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11	ALS	Bulbar	Male	54	Deltoid
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12	ALS	Spinal	Male	72	Deltoid
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13	ALS	Spinal	Female	55	Deltoid
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14	ALS	Bulbar	Male	64	Quadriceps
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