

Integrated Multi-Omic data analysis and validation with yeast model show oxidative phosphorylation modulate protein aggregation in Amyotrophic Lateral Sclerosis

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	TISSUE OF INTEREST	ORGANISM	GEO DATASETS USED (GSE ID)	SAMPLE SIZE
1	CORTEX	Homo sapiens	GSE124439	146 SAMPLES + 16 CONTROLS
2	CEREBELLUM	Homo sapiens	GSE67196	10 SAMPLES + 8 CONTROL
3	MUSCLE	Homo sapiens	GSE41414	4 SAMPLES + 7 CONTROLS

SUPPLEMENTARY FIGURE-1A: HUMAN EXPERIMENTAL DATASETS USED FOR THE STUDY.

1	SOD1 BRAIN	Mus musculus	GSE101391	4 SAMPLES + 4 CONTROLS
2	FUS BRAIN	Mus musculus	GSE40652	7 SAMPLES + 11 CONTROLS
3	TDP-43 BRAIN	Mus musculus	GSE111775	3 SAMPLES + 3 CONTROLS
4	SOD1 Spinalcord	Mus musculus	GSE18597	5 SAMPLES + 5 CONTROLS
5	FUS Spinalcord	Mus musculus	GSE112629	5 SAMPLES + 5 CONTROLS
6	TDP-43 Motor Neurons	Mus musculus	GSE111775	2 SAMPLES + 2 CONTROLS

SUPPLEMENTARY FIGURE-1B: : MOUSE EXPERIMENTAL DATASETS USED FOR THE STUDY.

SUPPLEMENTARY FIGURE-1: TABLES REPRESENTING GEO DATASETS AND SAMPLE SIZE USED FOR THE STUDY.