

Variable	Subject Type	
	ALS (n=296)	Control (n=52)
Males / Females, no.	258 / 7	43 / 9
Age at death, mean (range), y	69 (34-90+)	68.5 (22-89)
PMI-f <sup>a</sup> , mean, hrs	36.7	61.4
RIN <sup>b</sup> , mean	5.89	5.2
pH <sup>b</sup> , mean	6.3	6.2
Disease duration, mean (range), mos	111 (6-505)	---
ALS Type: SALS/FALS <sup>d</sup>	195 / 14 (11 f hx)	---
TDP-43 Positive Inclusions <sup>e</sup>	196	---
C9ORF72 mutations <sup>f</sup>	4	---
Other mutations <sup>g</sup>	12	---

<sup>a</sup>PMI-f: Post-mortem interval, approximate time from death to specimen freezing or 10% formalin fixation (hours)

<sup>b</sup>Indicators of tissue quality: RNA Integrity Number (RIN), tissue pH (indicator of subject agonal state). Data derived from single brain region (occipital lobe). Brain tissue quality indicators have been discussed in the scientific literature and most closely correlate with subject agonal state prior to death (versus PMI times). For example, see Stan et al. Brain Res 1123: 1-11, 2006; Sonntag et al. J Neurochemistry 138: 53-59, 2016; and White et al. Biopreservation and Biobanking 00: 1-10, 2018.

<sup>c</sup>Disease duration in months (Mos); data known for 251 cases.

<sup>d</sup>FALS, familial ALS; SALS, sporadic ALS; f hx, known family history only, possible FALS; data known for 220 ALS cases.

<sup>e</sup>TDP-43; data complete on 237 cases.

<sup>f</sup>C9ORF extension mutation complete on 200 cases.

<sup>g</sup>Mutations include TDP-43, SOD1, FUS, NEK1, SETX, PFN1, DCTN, HTT and OPTN mutations on 200 cases.