

Supplementary Table 1. Clinimetric used in the study.

Name	Formula and meaning
Amyotrophic Lateral Sclerosis Functional Rating Scale Revised score (ALSFRS_R)	A composite functional outcome measure widely used in clinical trials and biomarker studies in ALS ranging from 0 (maximum disability) to 48 (normal neurological functioning).
<i>Symptom onset</i>	The time of the earliest reported symptoms, including muscle cramps, fasciculation, weakness and speech changes
<i>Diagnostic latency</i>	The time interval between symptoms onset and the diagnosis, expressed in months.
<i>Disease duration at baseline</i>	The time interval from symptoms onset to the baseline sampling, expressed in months.
<i>Progression rate at baseline (PRB)</i>	$(48 \text{ minus the ALSFRS_R score at baseline}) / \text{duration in months between symptoms onset and baseline.}$
<i>Progression Rate at the last visit (PRL)</i>	The progression rate with reference to the last visit/assessment in the study. In this study, patients with $PRL > 1.0$, $0.5 - 1.0$, and < 0.5 are defined as ALS-Fast, ALS-Intermediate and ALS-Slow, respectively.
<i>ALSFRS_R slope</i>	$\text{ALSFRS_R score at 2}^{\text{nd}} \text{ visit minus ALSFRS_R score at 1}^{\text{st}} \text{ visit} / \text{time between visits.}$ It is used to define the disease progression between two consecutive visits. A negative value indicates deterioration in function.