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Supplemental Material to:

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MTOR-independent, autophagic enhancer trehalose prolongs motor neuron survival and ameliorates the autophagic flux defect in a mouse model of amyotrophic lateral sclerosis

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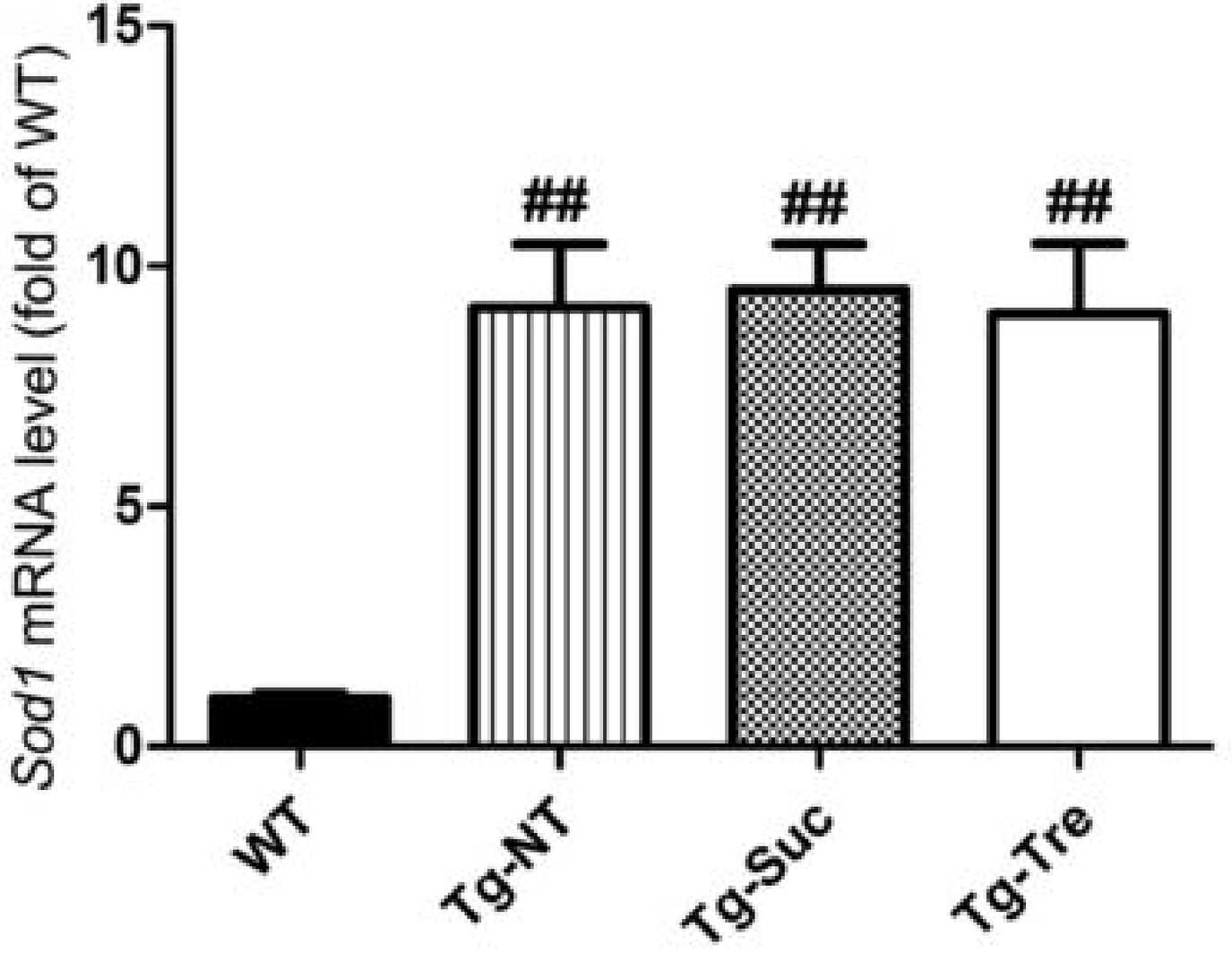
A

	Primer	
Sod1	Forward	5'-TGA AGA GAG GCA TGT TGG AGAC-3'
	Reverse	5'-TTC CAC CTT TGC CCA AGT CA-3'
Actin	Forward	5'-CAC CCG CGA GCA CAG CTT CT-3'
	Reverse	5'-TTT GCA CAT GCC GGA GCC GT-3'

B



Supplemental figure legend

Figure S1. Effects of trehalose on mRNA level of the *Sod1* gene in SOD1^{G93A} mice. (**A**) Primers used in real-time PCR tests. (**B**) Quantitative analysis of the mRNA levels of the *Sod1* gene in the spinal cord tissues of WT, Tg-NT, Tg-Suc and Tg-Tre mice. Four mice in each group. Data were analyzed using one-way ANOVA followed by Tukey *post hoc* test. Values are presented as mean ± S.E.M. $^{\#\#}P < 0.01$ as compared with WT mice.