Materials List for:

In Vivo Electrophysiological Measurement of Compound Muscle Action Potential from the Forelimbs in Mouse Models of Motor Neuron Degeneration

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Materials

Name	Company	Catalog Number	Comments
Resuable subdermal needle electrode, Pl/Ir	Technomed	TE/S61-434	The Needle is 13 mm (0.51") in length, 0.4 mm (27G) in diameter
Natus electrodiagnostic system	Natus Neurology	UltraPro S100	EMG device
Synergy	Natus Neurology	version 20.1.0.100	EMG software for UltraPro S100
Physitem Controller	Rothacher-Medical GmbH	TCAT-2LV	Heating pad
combi-vet Base Anesthesia System Digital Flowmeter with TEC 3 Vaporize	Rothacher & Partner	CV 30-301-D	Isoflurane Vaporizer and flowmeter
Iso-Vet 1000 mg/g	Piramal Healthcare UK Limited	AP/DRUGS/220/96	Isoflurane
SOD1-G93A mice	The Jackson Laboratory	#002726	ALS tg and non-tg control littermates, only females
PrP-hFUS-WT3 mice	The Jackson Laboratory	#017916	ALS tg and non-tg control littermates, all groups balanced for males and females
C57BL/6Jax mice	The Jackson Laboratory	#000664	Non-tg mice for axotomy, male and female
C61-PMP22 mice	Mouse line was generously donated by Prof. M. Sereda (The Max Planck Institute of Experimental Medicine, Göttingen, Germany).		CMT tg and non-tg control littermates, all groups balanced for males and females