

Supplemental Information

Single-injection, *ex ovo* transplantation method for broad spinal cord engraftment of human pluripotent stem cell-derived motor neurons

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Inventory of Supplemental Information

Table S1

Table S2

Table S1. PCR Assay Information

Taqman Gene Expression Assay	Assay ID#	Amplicon (bp)
<i>RPS18</i>	<u>Hs01375212_g1</u>	93
<i>HoxA1</i>	<u>Hs00939046_m1</u>	77
<i>HoxB4</i>	<u>Hs00256884_m1</u>	54
<i>HoxC6</i>	<u>Hs00171690_m1</u>	87
<i>HoxC9</i>	<u>Hs00396786_m1</u>	69
<i>HoxD10</i>	<u>Hs00157974_m1</u>	61

Table S2. Antibody Information

Primary Antibodies	Species	Vendor	Dilution
Neurofilament H (SMI32)	Mouse	Biologend, #801701	1:1000 (ICC)
Neuronal Class II Beta-Tubulin	Rabbit	Biologend, #PRB-435P-100	1:1000 (ICC)
Choline Acetyltransferase (ChAT)	Goat	Millipore, # AB144P	1:200 (ICC)
GFP	Rabbit	Millipore, #AB3080	1:200 (ICC)
GFP	Goat	Abcam, #AB6673	1:200 (ICC), 1:500 (IHC)
Pax6	Rabbit	BioLegend, #901301	1:250 (ICC)
N-cadherin	Mouse	BD Biosciences, #610921	1:250 (ICC)
Brachyury	Goat	R&D Systems, #AF2085	1:200 (ICC)
Sox2	Mouse	Millipore, #MAB4423	1:200 (ICC)
Olig2	Rabbit	Millipore, #AB9610	1:200 (ICC, IHC)
Nkx6.1	Goat	R&D Systems, #AF5857	1:250 (ICC)
MAP2	Mouse	Sigma, #M1406	1:1000 (ICC)
Isl1/2	Mouse	DSHB, #39.4D5	1:100 (ICC)
Human Nuclear Antigen (hNA)	Mouse	Millipore, #MAB1281	1:100 (IHC)