



Neurons in the lateral part of the lumbar spinal cord show distinct novel axon trajectories and are excited by short propriospinal ascending inputs

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Unfortunately, Table 1 and the legend have been incorrectly published in the original publication. The correct version is given below.

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Table 1 Position, somatodendritic type and axon trajectory of the recovered neurons

cell No	position	soma / dendrite (Lima and Coimbra, 1986)	axon			3-D
			midline crossing	ascending	ipsilateral collaterals	
1	L-I	flattened	AC	c-ALT	DCT	
2	L-I	fusiform	AC	c-ALT	MCT	
3	L-I	flattened	AC	c-ALT	-	
4	L-I	flattened	AC	c-ALT	LCT	
5	L-I	Flattened	-	-	LCN	
6	OUT	NA	AC	c-ALT	-	
7	OUT	pyramidal	AC	c-ALT	MCT	
8	OUT	NA	PC-AC	i-ALT	L-III/IV, L-X	+
9	OUT	NA	PC	e-ALT	L-IV	+
10	OUT	multipolar	-	-	LCN	+
11	OUT	NA	AC	c-ALT	MCT	
12	OUT	NA	AC	c-ALT	DCT	
13	OUT	NA	AC	c-ALT	-	
14	OUT	flattened	AC	c-ALT	LCT	
15	OUT	NA	PC	e-ALT	-	
16	OUT	NA	AC	c-ALT, i-DLF	DLF-caudal, L-I, L-III/IV	+
17	OUT	NA	AC	c-ALT, i-DLF	Lissauer-tract	+
18	OUT	NA	-	-	LCN	
19	OUT	NA	PC-AC	i-ALT	L-III/IV	+
20	OUT	NA	PC-AC	i-ALT	L-III/IV, L-X, L-VII	+
21	OUT	NA	PC	e-ALT	L-II	+
22	OUT	NA	PC	e-ALT	L-III/IV*, L-X*	+
23	OUT	NA	AC	c-ALT	MCT	
24	LSN	NA	PC	e-ALT	DLF, L-X	+
25	LSN	NA	AC	c-ALT, i-DF	DLF-caudal	+
26	LSN	NA	AC	c-ALT, i-DF	DLF-caudal	+
27	LSN	NA	PC-AC	i-ALT	-	+
28	LSN	NA	PC	e-ALT	L-VII	+
29	LSN	NA	-	-	LCN	
30	LSN	NA	PC	e-ALT	L-V, VI, L-X	+
31	LSN	NA	AC	c-ALT	MCT	
32	LSN	NA	PC-AC	i-ALT	L-V/VI	+

Blue values indicate neurons with a projection axon crossing in the posterior commissure and ascending in the c-ALT. Red values indicate double crossing, i-ALT ascending neurons. Green values indicate neurons with bilateral (ipsi and contra) ascending axon

L-I lamina I, OUT between the lateral edge of the dorsal grey and the LSN, LSN lateral spinal nucleus, NA not applicable, AC anterior commissure, PC posterior commissure, c-ALT contralateral anterolateral tract, i-ALT ipsilateral anterolateral tract, DLF dorsolateral funiculus, DF dorsal funiculus, L-I-X lamina I-X, 3-D neuron reconstructed in three-dimensions with Neurolucida, DCT dorsal collateral type projection neuron (see Szucs et al. 2010), MCT mixed collateral type projection neuron (see Szucs et al. 2010), LCT lateral collateral type projection neuron (see Szucs et al. 2010)