Table S1. Analysis of ratios of nodal length to nodal diameter in spinal cord treated with glutamate in vivo.

Glutamate group (Glut)					Saline group (Ctrl)
Upper 3 ^e	Upper 2 ^d	Upper c	Exposed b	Lower ^a	Exposed
		2.87±0.18	3.11±0.31	2.65±0.11	
			3.25 ± 0.15		1.02±0.05
1.27 ± 0.06	2.16 ± 0.09	2.27 ± 0.13	3.29 ± 0.15		0.97±0.03
1.18 ± 0.04	2.33 ± 0.08	2.77 ± 0.10	3.02 ± 0.09		1.04±0.05

^a 'Lower' means sections 5mm away from the exposed site along the spinal cord toward the tail.

Each ratio is the average of around 50 nodes.

Glutamate group includes 4 rats and saline group includes 3 rats.

The statistical data were presented as mean \pm s.e.m.

^b 'Exposed' means sections at the exposed site.

^c 'Upper' means sections 5mm away from the exposed site along the spinal cord toward the head. ^d 'Upper 2' means sections 15mm away from the exposed site toward the head.

e 'Upper 3' means sections around 30mm away from the exposed site.