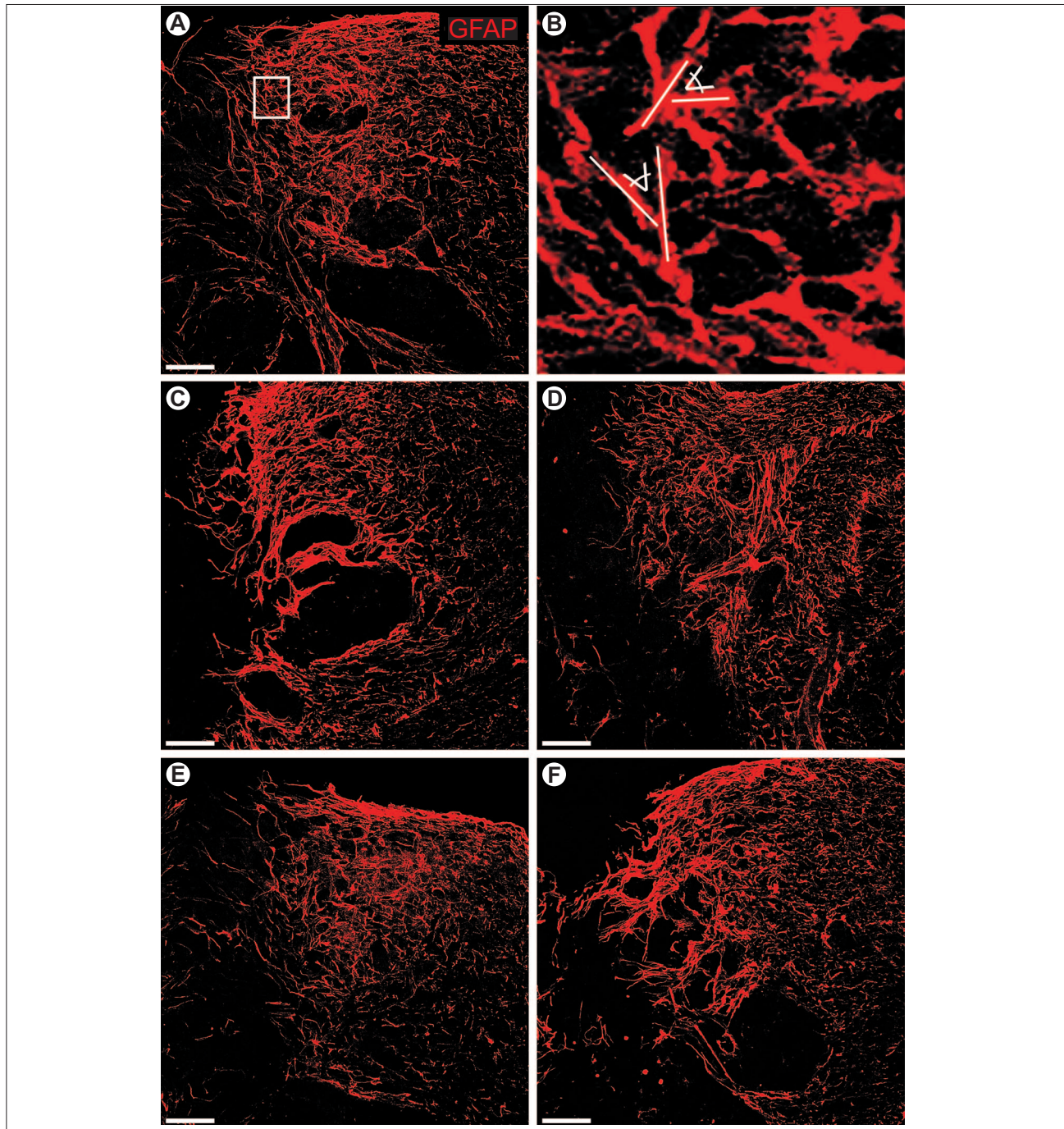


Additional data file 3

**Additional figure 3**

Misaligned host astrocytic processes in control lesions. **(a,c-f)** Confocal images of caudal lesion margins at 8 days after injury from three control animals showing dense mesh-works of hypertrophic GFAP⁺ processes of host astrocytes, typical of forming glial scar tissue. **(b)** High-power image of boxed area in (a). GFAP⁺ processes were randomly selected within the lesion margin and 'best fit' lines traced over them using Image Pro Plus software. Adjacent GFAP⁺ processes were then identically traced and the angle between the paired lines calculated using Image Pro software. Quantitative analysis of host GFAP⁺ astrocytic processes revealed an average angle of 59.4° (s.d. ± 22, median = 61°) between adjacent paired processes. Scale bars in (a,c-f) represent 100 μm.