

Supplementary materials

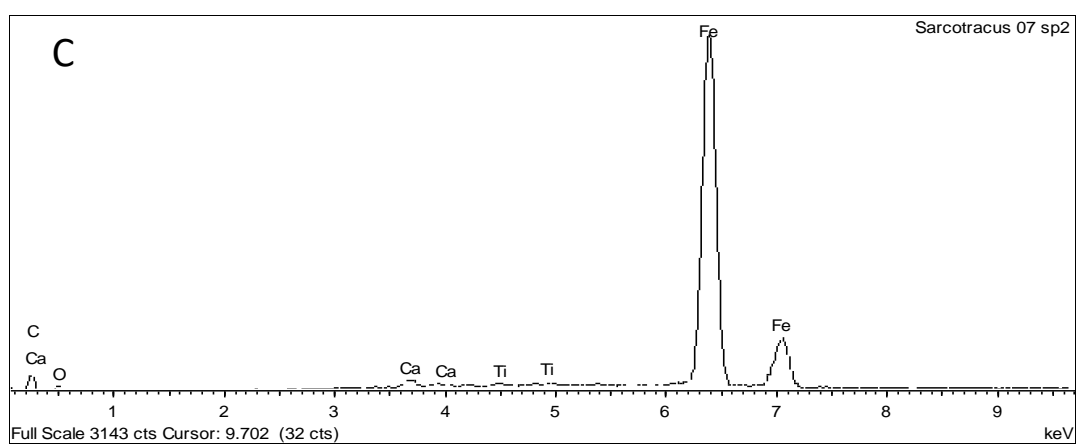
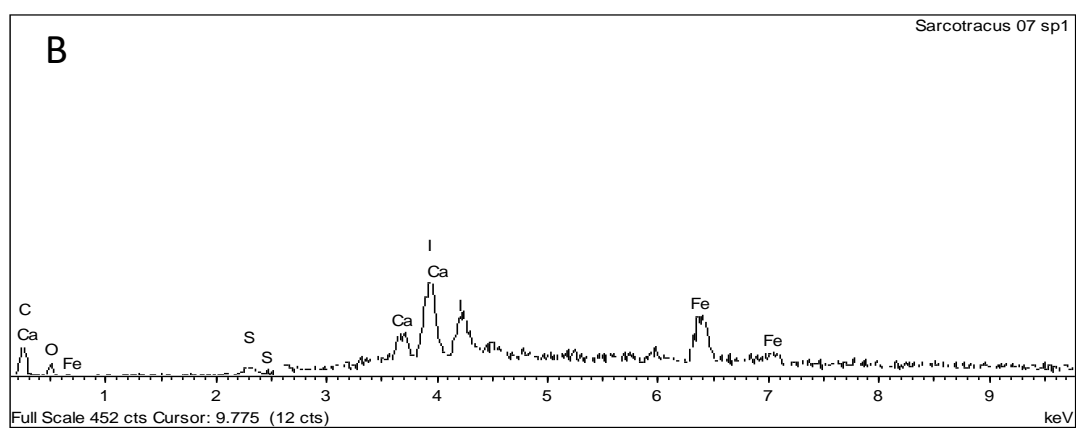
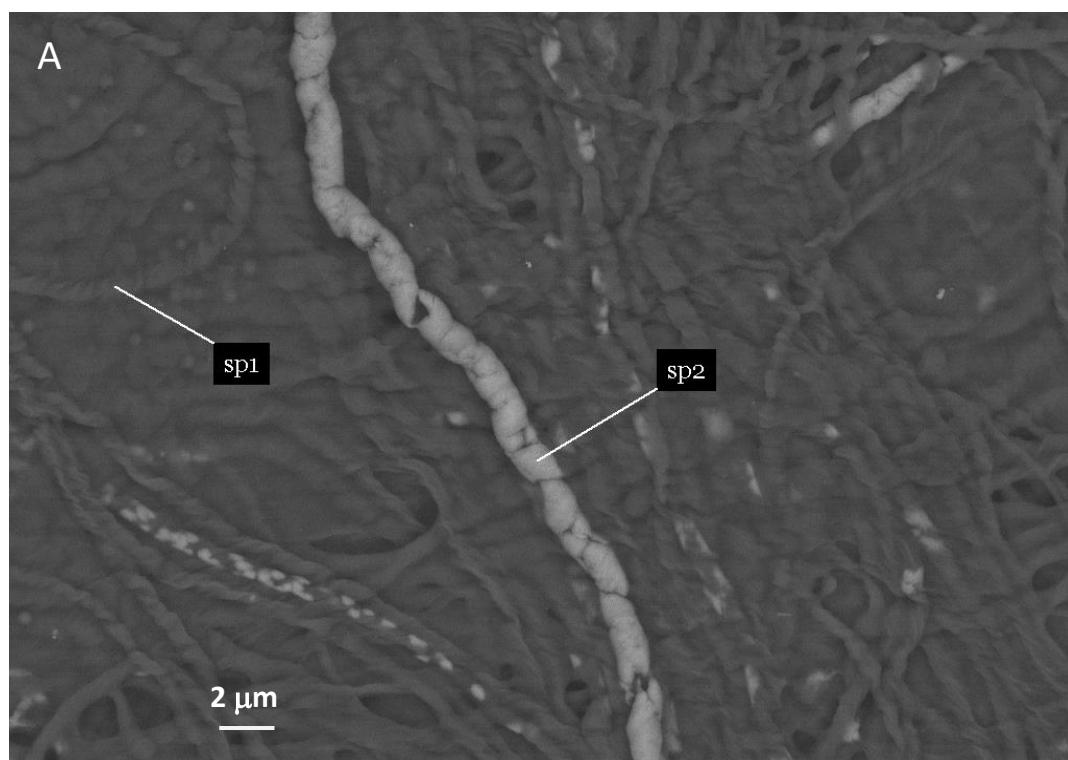


Figure S1 EDS spectra of *S. foetidus* filaments. Electronic microscopy images (A). EDS spectra sp1 (B). EDS spectra sp2 (C).

Figure S2

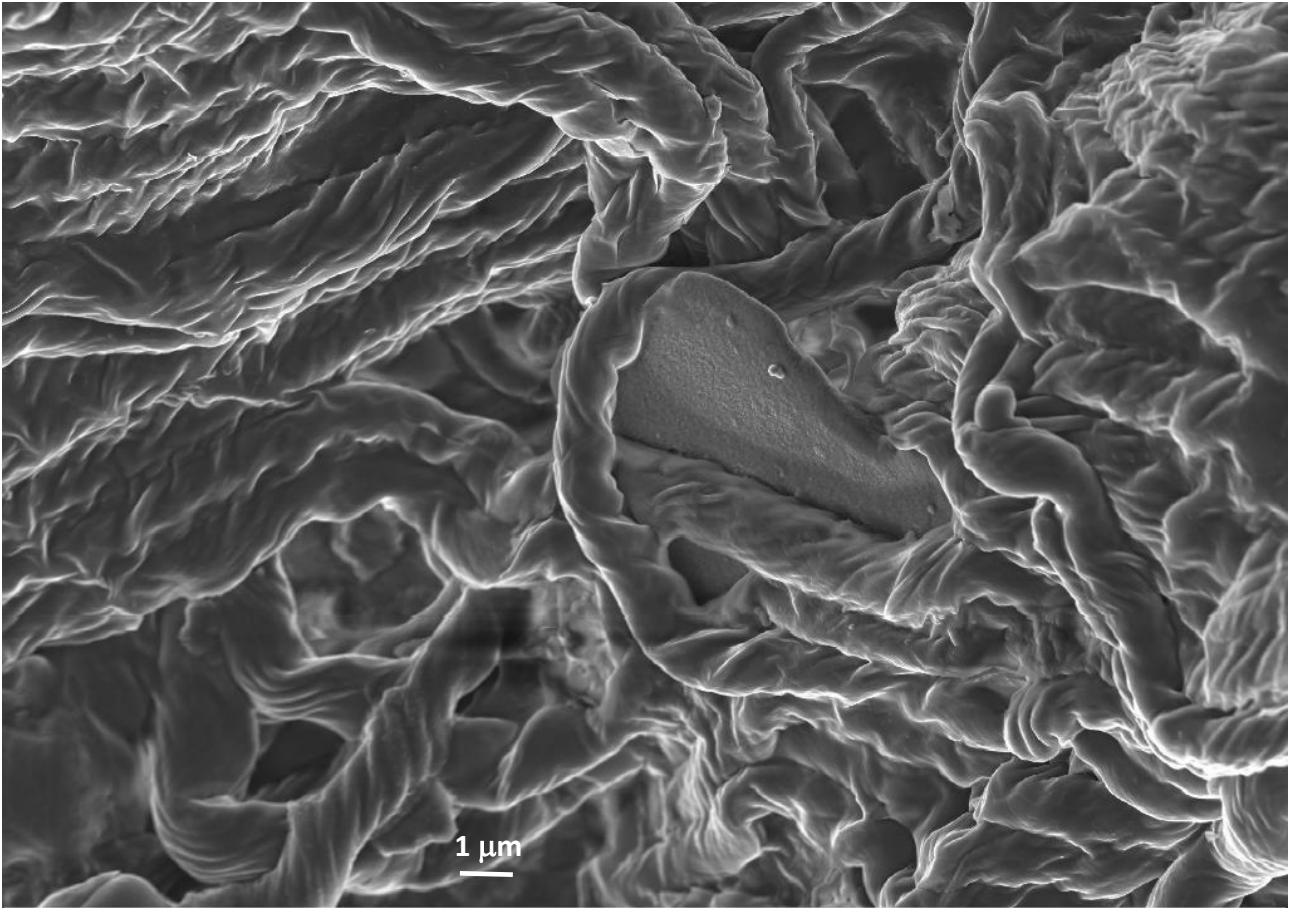


Figure S2. *S. foetidus* collagen filament in native tissue.

Table S1 Primer sequences used in the qPCR analyses.

Gene	GeneBank id	Forward	Reverse
GAPDH	M32599	5'-TCTCCCTCACAAATTTCCATCCCAG-3'	5'-GGGTGCAGCGAACTTTATTGATGG-3'
Col1A	NM_007742.4	5'-CTGCTGGTCCTGCTGGTC-3'	5'-CCTTGTTGCGCTGTCTCAC-3'
Fn1	NM_001276412	5'-CCAGTTCAGAGGAGCATCAG-3'	5'-GGCATTGTCGTTTCAGAGTGTA-3'