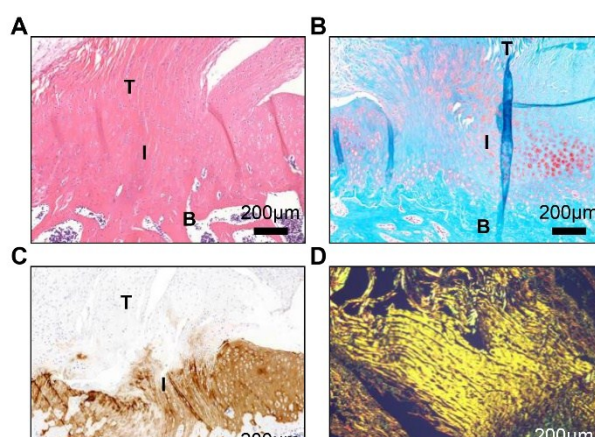


**Table S1**

| Gene     | Primer sequences: human                                      |
|----------|--------------------------------------------------------------|
| GAPDH    | 5'-AGAAAAACCTGCCAAATATGATGA-3'<br>5'-TGGGTGTCGCTGTTGAAGTC-3' |
| Sox-9    | 5'-GGCAATAGCAGGTTACGTACA-3'<br>5'-CGATAACAGTCTTGCCCCACTT-3'  |
| COL2 A1  | 5'-GGCAATAGCAGGTTACGTACA-3'<br>5'-CGATAACAGTCTTGCCCCACTT-3'  |
| Aggrecan | 5'-TCGAGGACAGCGAGGCC-3'<br>5'-TCGAGGGTGTAGCGTGTAGAGA-3'      |



**Figure S1.** Staining of the normal tendon-to-bone insertion or tendon. (A) Hematoxylin and eosin staining of the supraspinatus tendon enthesis. (B) Safranin-O/fast green staining of the supraspinatus tendon enthesis. (C) Immunohistochemistry analysis of the collagen type II expression in the tendon-to-bone insertion. (D) Picrosirius red staining of the tendon zone of the enthesis. B, bone; I, interface; T, tendon.

