Supplementary Figure S2

Analysis of fibulin 5 mutants secreted by EBNA 293 cells. (A) Western blot (anti-3-his. antibody (Sigma)) of native (non-denaturing, non-reducing, absence of Ca$^{2+}$, pH 7.4) PAGE of media for two batches of polypeptides. Identical volumes of non-concentrated media were injected, ensuring identical electrolyte compositions for each lane. The blot was overexposed in order to detect poorly-secreted mutants. The loss or gain of a charge as a result of mutagenesis is indicated (+, -). (B) Silver-stained non-reducing SDS-PAGE of fibulin 5 polypeptides that had been prepared in a dimeric state by elution from the SEC in the presence of Ca$^{2+}$ (1, buffer B). This stain was deliberately over-developed to detect any evidence of dimerisation. All polypeptides ran as monomers, and dimers were not detected in significant amounts.

Reference