Supporting Information

Biomimetic Mineralization of Recombinamer-Based Hydrogels toward Controlled Morphologies and High Mineral Density *Yuping Li^{1*}, Xi Chen¹, Alex Fok¹, Jose Carlos Rodriguez-Cabello², Conrado Aparicio^{1*}*

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Figure S1. DSC analysis of a 50mg/ml solution of HSS₃.



Figure S2. SEM image of the cross-linked HSS₃ hydrogel showing a microporous structure.



Figure S3. SEM images of the fractured HSS₃ hydrogel after 14 days of mineralization (A) and bovine cortical bone (B).



Figure S4. SEM images of 50 mg/ml HSS₃ that was self-assembled at 37 °C.