Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B.

Supporting information for:

Orthogonal click reactions enable the synthesis of ECM-mimetic PEG hydrogels without multi-arm precursors

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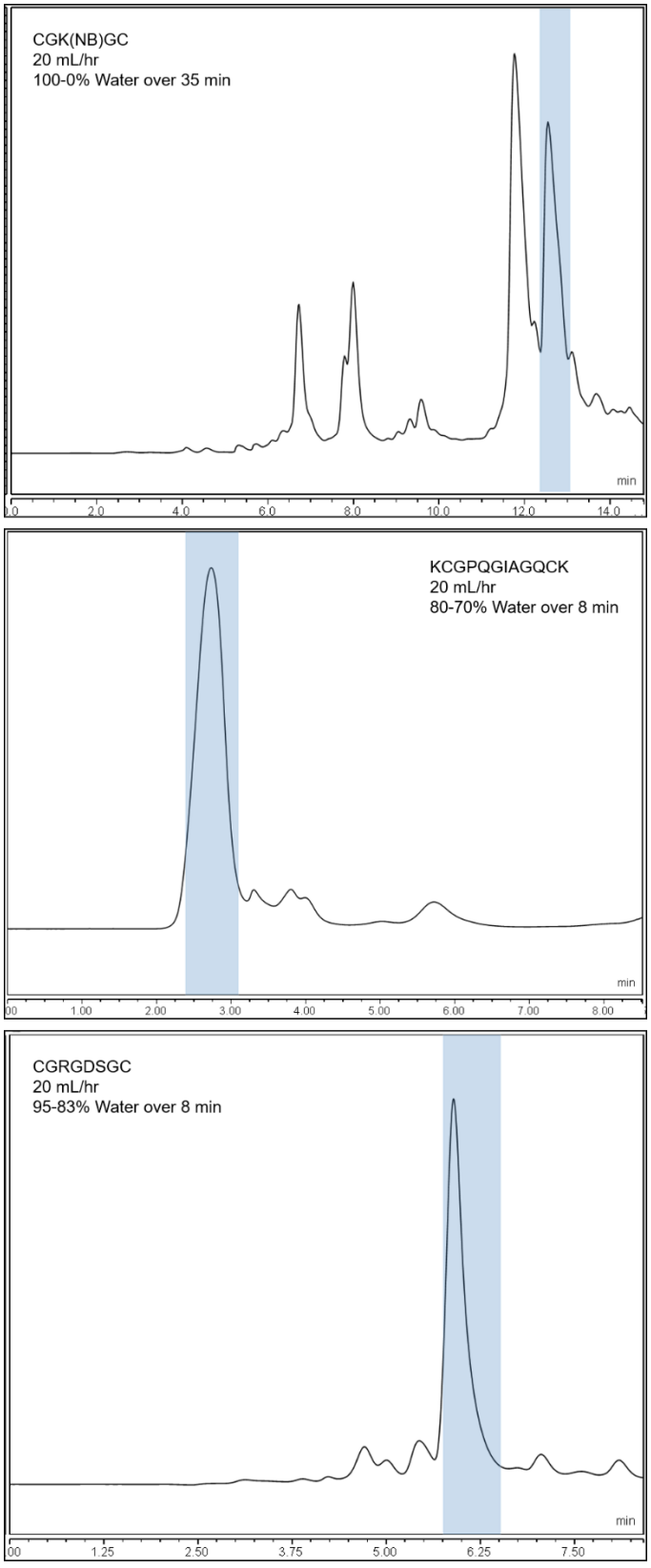

Fig. S1 Crude HPLC Spectra for Peptide Sequences. HPLC spectra of synthesized peptides used to make BCP precursors. The instrument method (acetonitrile and water mobile phase) and collected fraction are shown for each sequence.

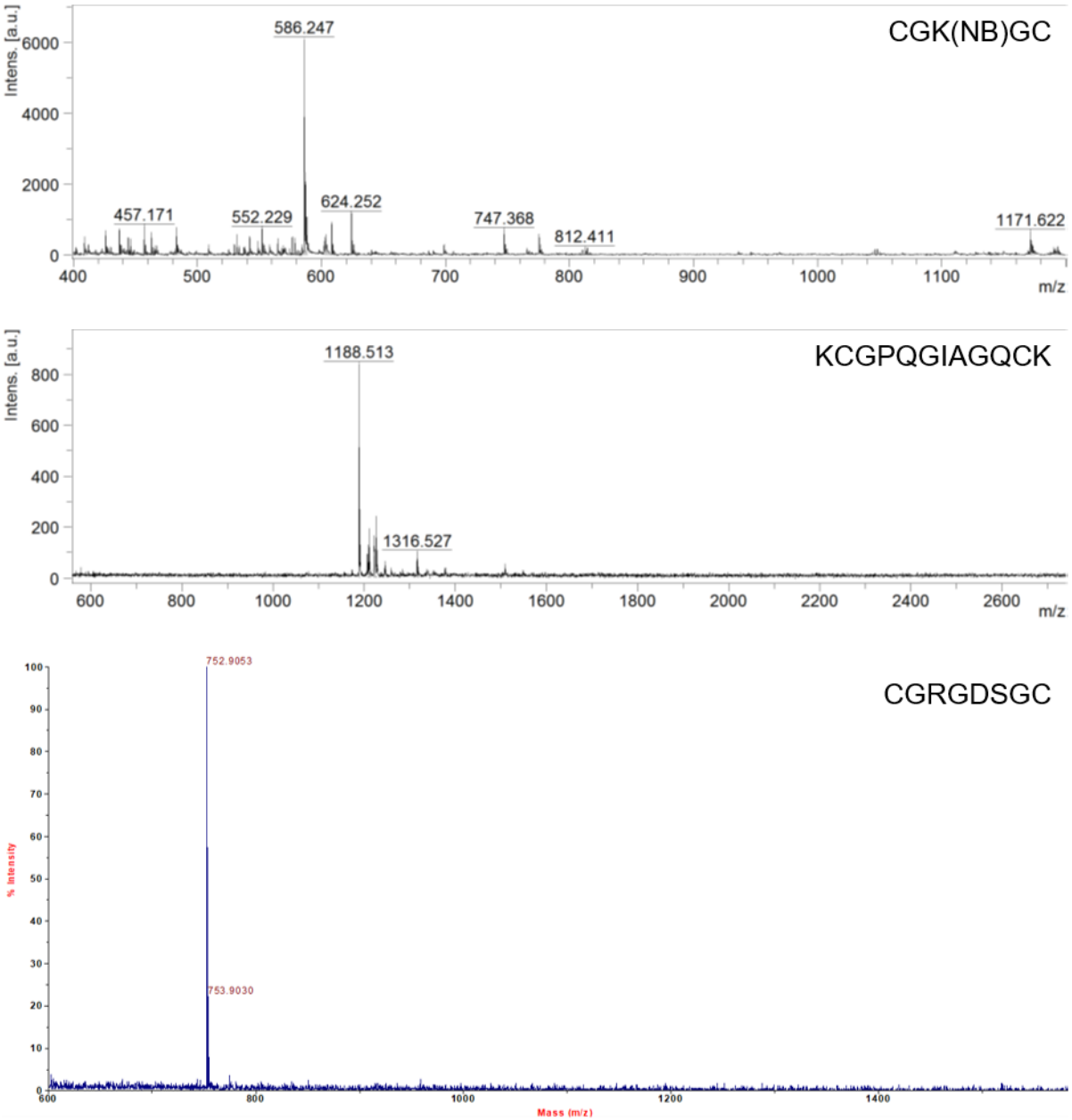

Fig. S2 MALDI Spectra for Peptide Sequences. MALDI spectra for the selected HPLC fraction collected for each of the synthesized peptide sequences.

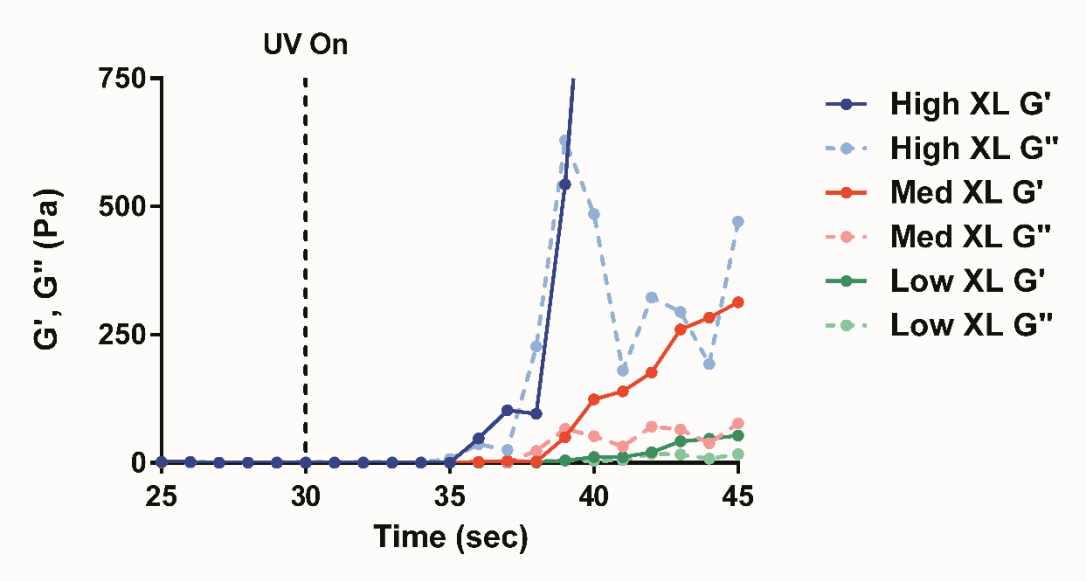

Fig. S3 *In Situ* Rheology Showing Gelation Point. Zoomed in area of representative storage (G') and loss (G") modulus curves from *in situ* rheology of various BCP crosslinking densities. The dashed line shows when UV initiation begins and the gel point is when G' is maintained higher than G" (after approximately 10 seconds).