## **Electronic Supplementary Information**

## De novo amyloid peptides with subtle sequence variations differ in their self-

## assembly and nanomechanical properties

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**Fig S1.** Scheme of decapeptide synthesis via solid phase peptide synthesis followed by cleavage from Wang resin, and deprotection of amino acids.

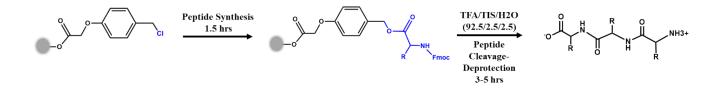
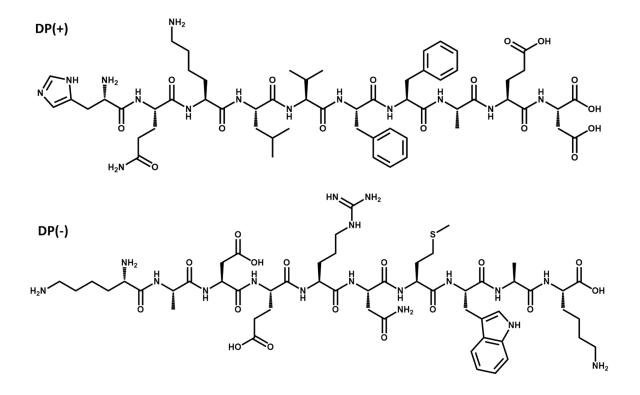


Fig S2. Structures of decapeptide positive (DP (+)) and negative (DP (-)) controls.



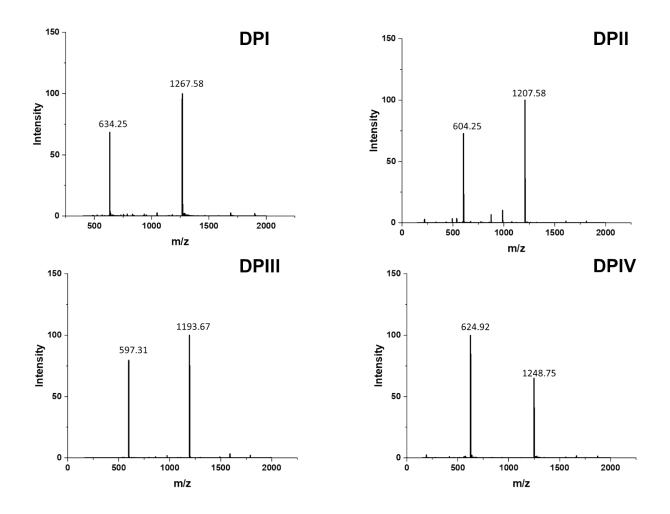


Fig. S3 ESI Mass spectra of DPI, DPII, DPIII, and DPIV.