

## Supplementary Information

### **Catch-and-Release of Target Cells Using Aptamer-Conjugated Electroactive Zwitterionic Oligopeptide SAM**

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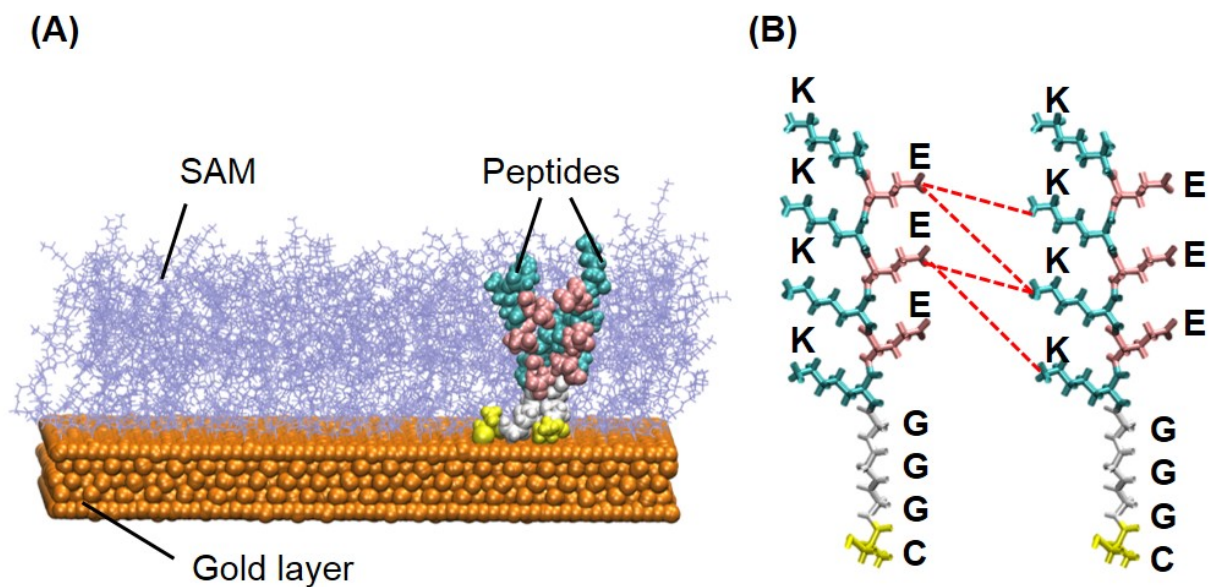
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**Figure S1.** Dominant hydrogen bonds in self-assembly of oligopeptides. (A) SAM of oligopeptide-COOH after equilibration in explicit solvent. Two oligopeptides were highlighted with van der Waals representation. (B) Schematics of dominant interactions between two neighboring oligopeptides. The dashed lines represent major hydrogen bonds, indicating that the inter-peptide interactions are driving forces responsible for the formation of a dense molecular layer.