

Supporting Information

Directional Affinity of Short Peptides for Synthetic Polymers

Takaaki Date, Keiji Tanaka, Toshihiko Nagamura, and Takeshi Serizawa*

Graduate School of Engineering, The University of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113-8654, Japan, Graduate School of Engineering, Kyushu University, 744 Motoooka, Nishi-ku, Fukuoka 819-0395, Japan, Research Center for Advanced Science and Technology (RCAST), The University of Tokyo, 4-6-1 Komaba, Meguro-ku, Tokyo 153-8904, Japan, Precursory Research for Embryonic Science and Technology, and Japan Science and Technology Agency (JST), 4-1-8 Honcho, Kawaguchi, Saitama 332-0012, Japan

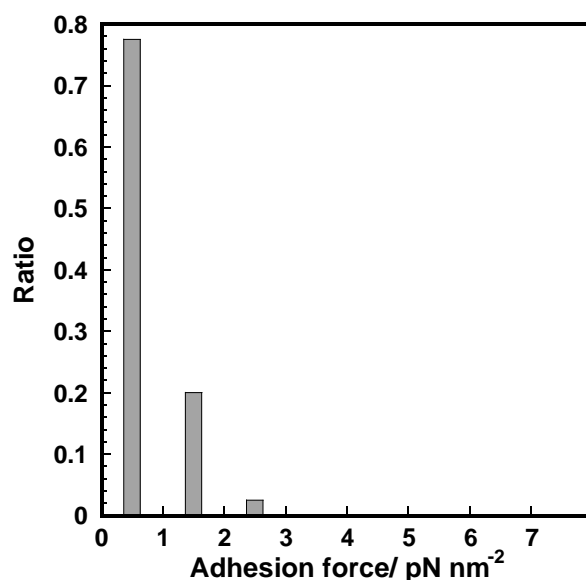


Figure S1 Histograms of the adhesion forces for combinations of the tip coated with the outermost streptavidin surface (without peptide). The mean adhesion force was estimated to be 0.8 pN nm^{-2} by fitting to a Poisson distribution. On the other hand, the mean adhesion force was estimated to be $0.8 \pm 0.5 \text{ pN nm}^{-2}$ from the original data.