Protein imprinted TiO₂-coated quantum dots for fluorescent protein sensing prepared by liquid phase deposition

Junji Inoue, Tooru Ooya and Toshifumi Takeuchi*

1-1 Rokkodai-cho, Nada-ku, Kobe 657-8501, Japan. Fax: +81 78 803 6258; Tel: 81 78 803 6158; E-mail: Takeuchi@gold.kobe-u.ac.jp

Figure S1. FT-IR spectra of ei-RNase-imprinted TiO₂/Qdots before (a) and after washing.

Figure S2. FT-IR spectra of ci-RNase-imprinted TiO₂/Qdots before (a) and after washing.
Figure S3. Selectivity of ei-RNase-imprinted TiO$_2$/Qdots toward various proteins. Relative quenching degree was calculated by dividing a quenching degree of tested protein by that of RNase.