

**Effective display of amino groups on substrate surfaces by simply dip-coating
methacrylate-based polymers and its application of DNA immobilization**

Ayane Shimomura,[†] Takashi Nishino,[†] Tatsuo Maruyama^{†*}

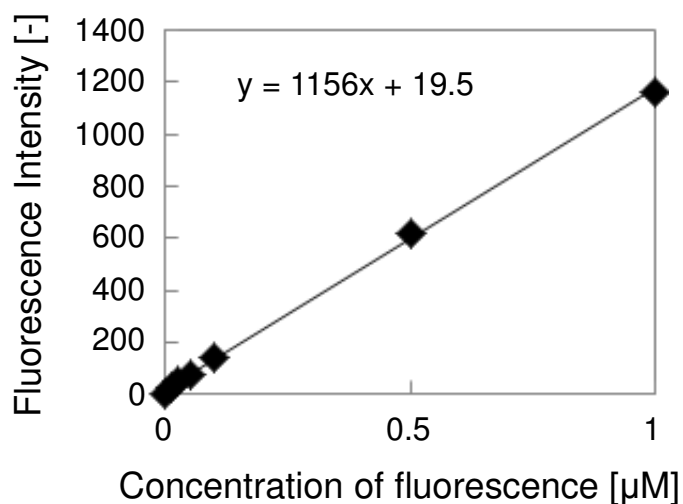


Fig. S1 Standard curve of the cleavable fluorescent compound in a 1/15 M phosphate buffer (pH 8.0) containing 2 mM DTT. The presence of DTT did not affect the fluorescence.

HPLC elution conditions for a cleavable fluorescent compound.

Mobile phase A: triethylammonium acetate buffer (0.1 M, pH 9.0)

Mobile phase B: acetonitrile

Flow rate: 5.0 mL/min

Column: an ODS-3 (10×250 mm, GL science) column

Temperature: 25 °C

Table S1. Gradient program for HPLC analysis of a cleavable fluorescent compound.

Time [min]	Mobile phase A [%]	Mobile phase B [%]
0	90	10
15	75	25
20	30	70
30	10	90
40	90	10