Supplementary Material

A turn-on fluorescence assay of alkaline phosphatase activity using a DNA-silver nanocluster probe

Changbei Ma a,*, Haisheng Liu a, Kefeng Wu a, Mingjian Chen a, Hailun He a, Kemin Wang b, Kun Xia a,*

a School of Life Sciences, Central South University, Changsha 410013, China

b State Key Laboratory of Chemo/Biosensing and Chemometrics, Hunan University, Changsha 410081, China

*Authors to whom correspondence should be addressed; E-mails: mach2012@csu.edu.cn (C Ma), xia@sklmg.edu.cn (K Xia).
Fig. S1 Optimization of the reaction of ALP (0, 5, 10, 20, 30 min).
Fig. S2 Optimization of the concentration of λ exo (0, 15, 25, 35, 45, 60, 75 U/mL).
Fig. S3 2 mM Pi effect on the fluorescence of AgNCs.
Fig. S4 2 mM Pi effect on the activity of λ exo.