Supporting Information

Dual-mode detection strategy for alkaline phosphatase activity based on dimeric G-quadruplex

Yangfan Chena, Xi Zhoua, Hailun Hea, Changbei Maa*, Dejian Yuanb*

- ^a School of Life Sciences, Central South University, Changsha 410013, Hunan, China
- ^b Department of Medical Genetics, Liuzhou Hospital of Guangzhou Women and Children's Medical Center, Liuzhou, 545616, Guangxi, China
- ^c Departments of Medical Genetics, Liuzhou Municipal Maternity and Child Healthcare Hospital, Liuzhou, 545616, Guangxi, China
- * Corresponding author.
- * To whom correspondence should be addressed: E-mail: macb2012@csu.edu.cn; yuandejian@163.com (D. Yuan).

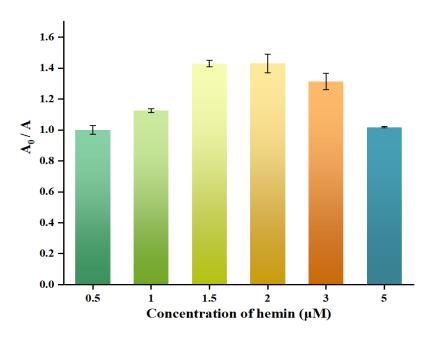


Figure S1. Optimisation of the concentration of hemin. A_0/A : the absorbance ratio without or with the addition of ALP to the reaction system.

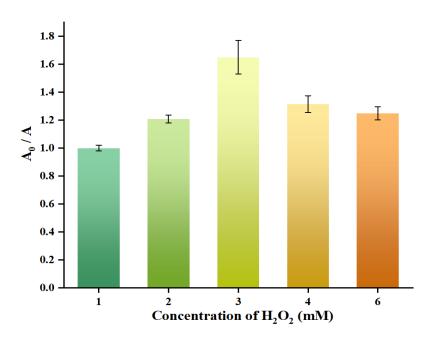


Figure S2. Optimisation of the concentration of H_2O_2 .

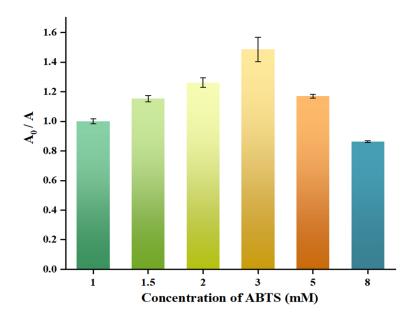


Figure S3. Optimisation of the concentration of ABTS.