**Supporting information:** Fluorescence enhancement of bis-acridine orange peptide, BAO, upon binding to double stranded DNA

Keiji Mizuki, Yutaka Sakakibara, Hiroyuki Ueyama, Takahiko Nojima, Michinori Waki and Shigeori Takenaka*

Department of Applied Chemistry, Faculty of Engineering, Kyushu University, Fukuoka 812-8581, Japan. E-mail: staketcm@mbox.nc.kyushu-u.ac.jp

---

**Fig. S1** The absorption change of BAO against its concentration in 10 mM MES buffer (pH 6.25) containing 1 mM EDTA and 350 mM NaCl.

\[
y = -0.0036238 + 34505x \quad R = 0.99977
\]