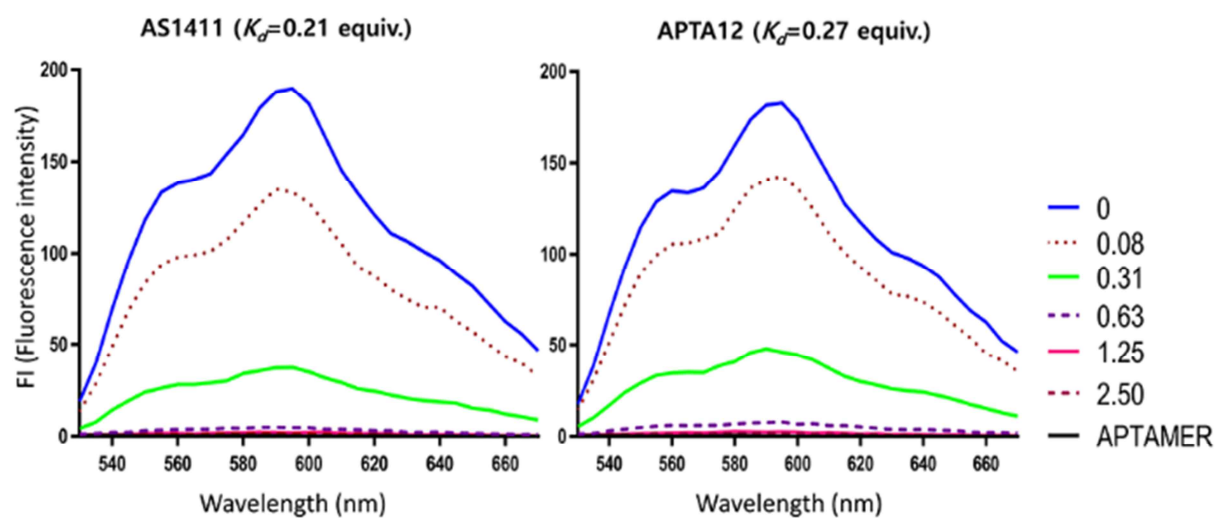
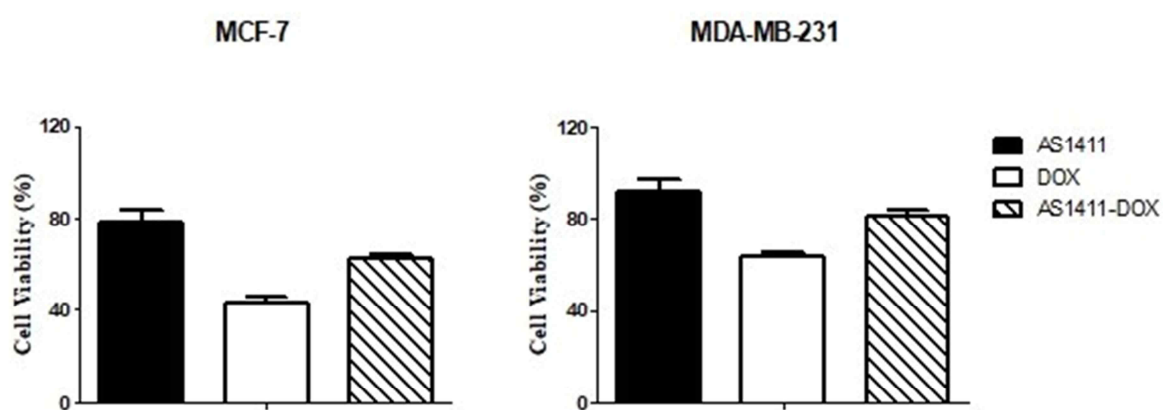


Supplementary Material



Sup. 1. Physical conjugate of APTA12 with DOX. Fluorescence spectra of doxorubicin solution (20 μM) with increasing molar ratios of aptamers.



Sup. 2. Cell Viability of MCF-7 and MDA-MB-231. Cells were treated with 1.5 μM of AS1411, DOX, and AS1411-DOX for 2 hours and cell viability was measured after 72 hours.