

Table S1. Zn²⁺ dissociation constants (K_d) for Zn²⁺-binding reagents used

Reagent	K _d (M)
TPEN	2.6×10^{-16}
FluoZin-3 AM	1.5×10^{-8}
RhodZin-3 AM	6.5×10^{-8}
Newport Green DCF (permeant ester form)	1.0×10^{-6}
ZnAF-2 DA	2.7×10^{-9}