

Supplementary Materials

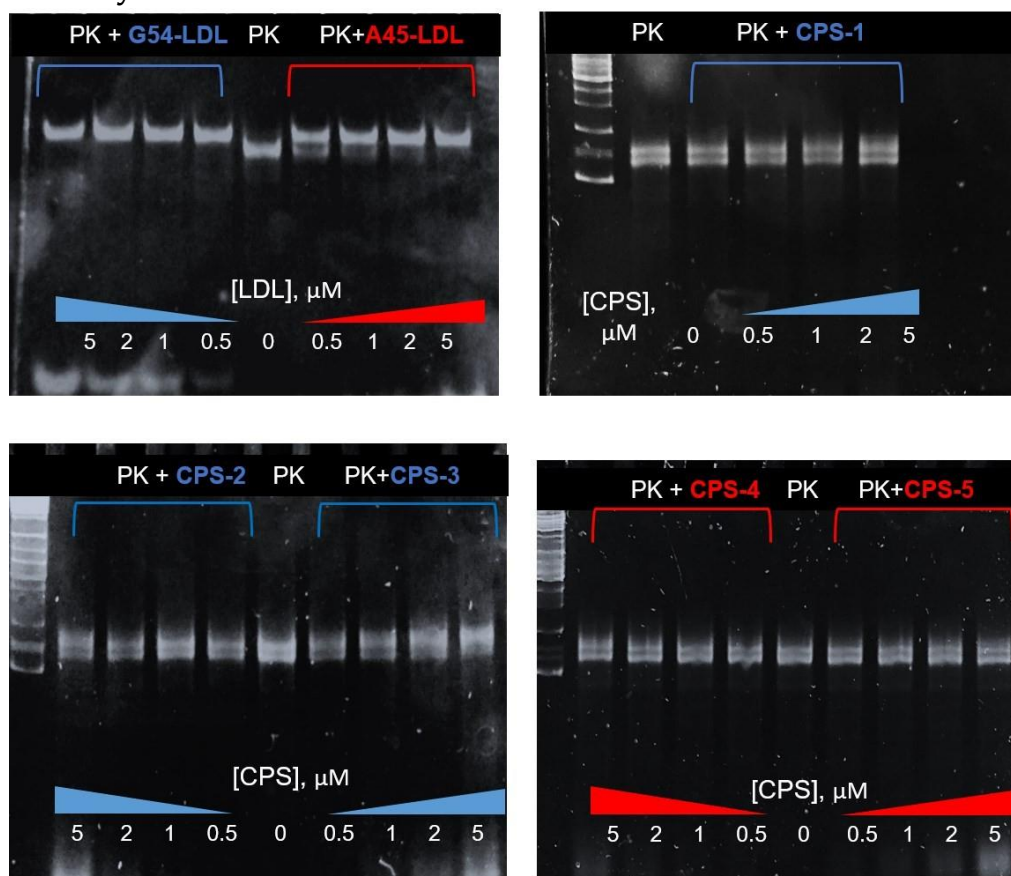


Figure S1. EMSA of PK in the presence of site 1-targeting (blue) or site 2-targeting (red) LNA-DNA-LNA gapmers (LDL) and G-clamp-harboring phosphorothioates (CPS).

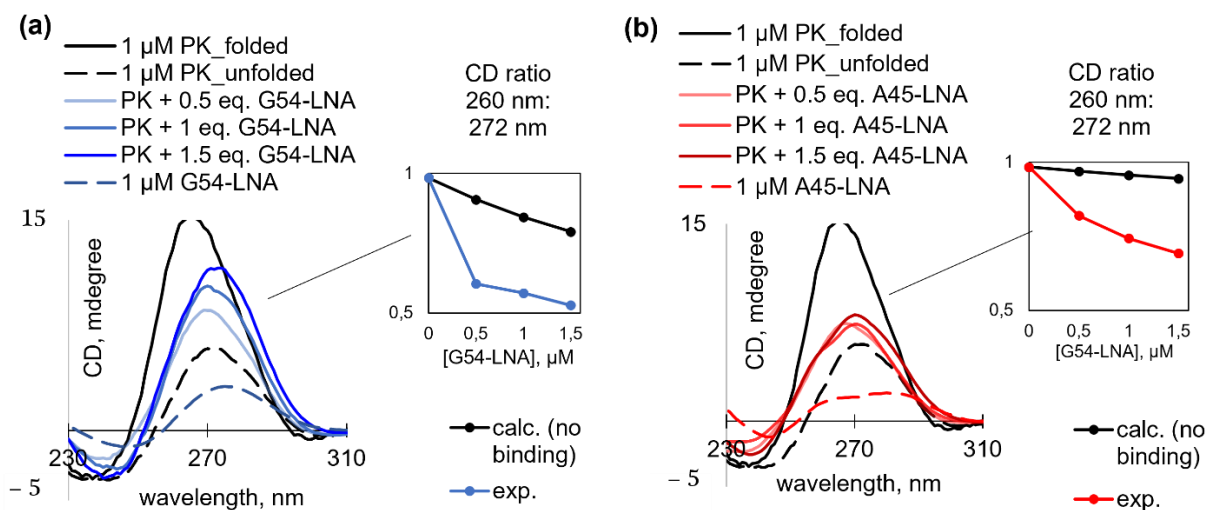


Figure S2. Verification of PK unwinding by LNA using CD spectroscopy. **(a)** Titration of 1 μ M PK with site 1-targeting G54-LNA (blue). **(b)** Titration of 1 μ M PK with site 2-targeting A45-LNA (red). CD changes upon LDL-PK interactions and those predicted (calc) for the mixtures with non-binding oligonucleotides.

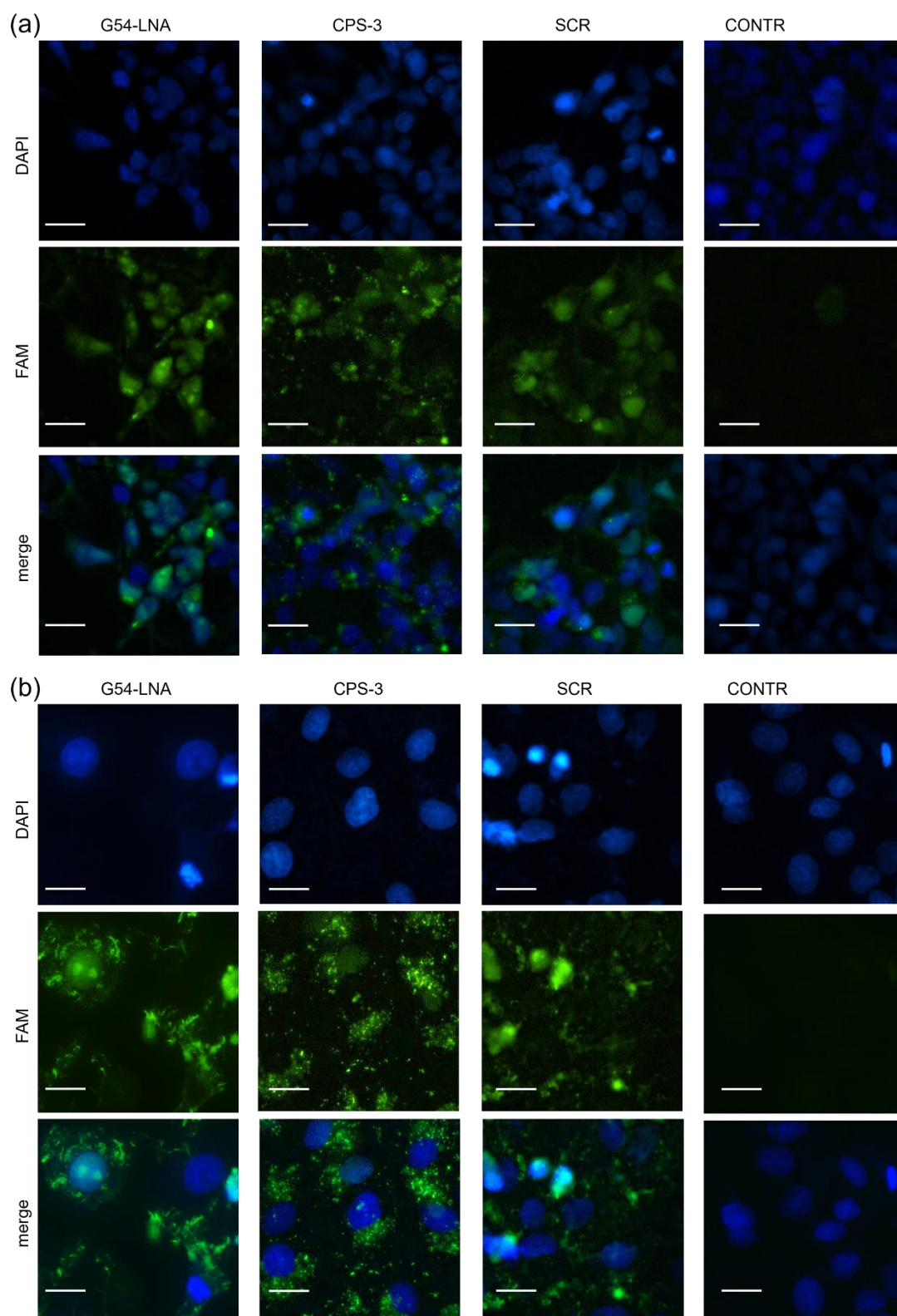


Figure S3. Distribution of AS ONs in HEK293T-ACE2 (a) and GBM6138 (b) cells. Scale bars: 20 μ m.