Figure S2

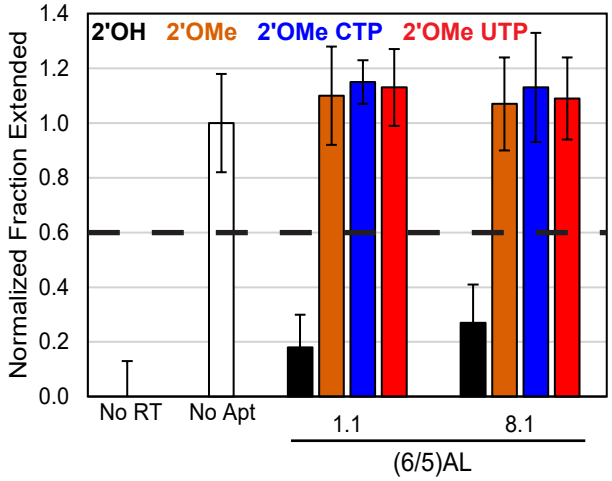

Figure S2. Effect of Single 2′-OMe-Pyrimidine Modification on RT inhibition by (6/5)AL Aptamers. Two (6/5)AL aptamers (70N 1.1 and 70N 8.1) were transcribed in reactions in which only 2′-OMe-modified CTP (blue) or only 2′-OMe-modified UTP (red) replaced the normal NTP, and these RNAs were evaluated for RT inhibition in primer extension assays (n = 4). Primer extension assay results using aptamers transcribed with both pyrimidines supplied as 2′-OH (black) or as 2′-OMe (orange) were plotted for comparison. Loss of RT inhibition with either substitution indicates that at least one C and at least one U must retain 2′-OH in order for these aptamers to inhibit RT.