

Description of Additional Supplementary Files

Supplementary Data Legends

Supplementary Data 1: Enrichment analysis for Figure 3e.

Supplementary Data 2: Library of b-DNA sequences. NNNNNNNNNN represents a unique molecular identifier (UMI). *denotes phosphorothioate modifications.

Supplementary Data 3: LC-MS spectrum of A2-6.

Supplementary Data 4: LC-MS spectrum of A2-6b.

Supplementary Data 5: LC-MS spectrum of A2-7.

Supplementary Data 6: LC-MS spectrum of A2-7b.

Supplementary Data 7: LC-MS spectrum of A2-7b2.

Supplementary Data 8: LC-MS spectrum of A2-8.

Supplementary Data 9: LC-MS spectrum of A2-8b.

Supplementary Data 10: LC-MS spectrum of A2-9.

Supplementary Data 11: LC-MS spectrum of A2-9b.

Supplementary Data 12: LC-MS spectrum of A2-9b2.

Supplementary Data 13: LC-MS spectrum of 5-A2-7b2.