Nucleic Acids Research **Supplementary Material**

Improved Deoxyribozymes for Synthesis of Covalently Branched DNA and RNA

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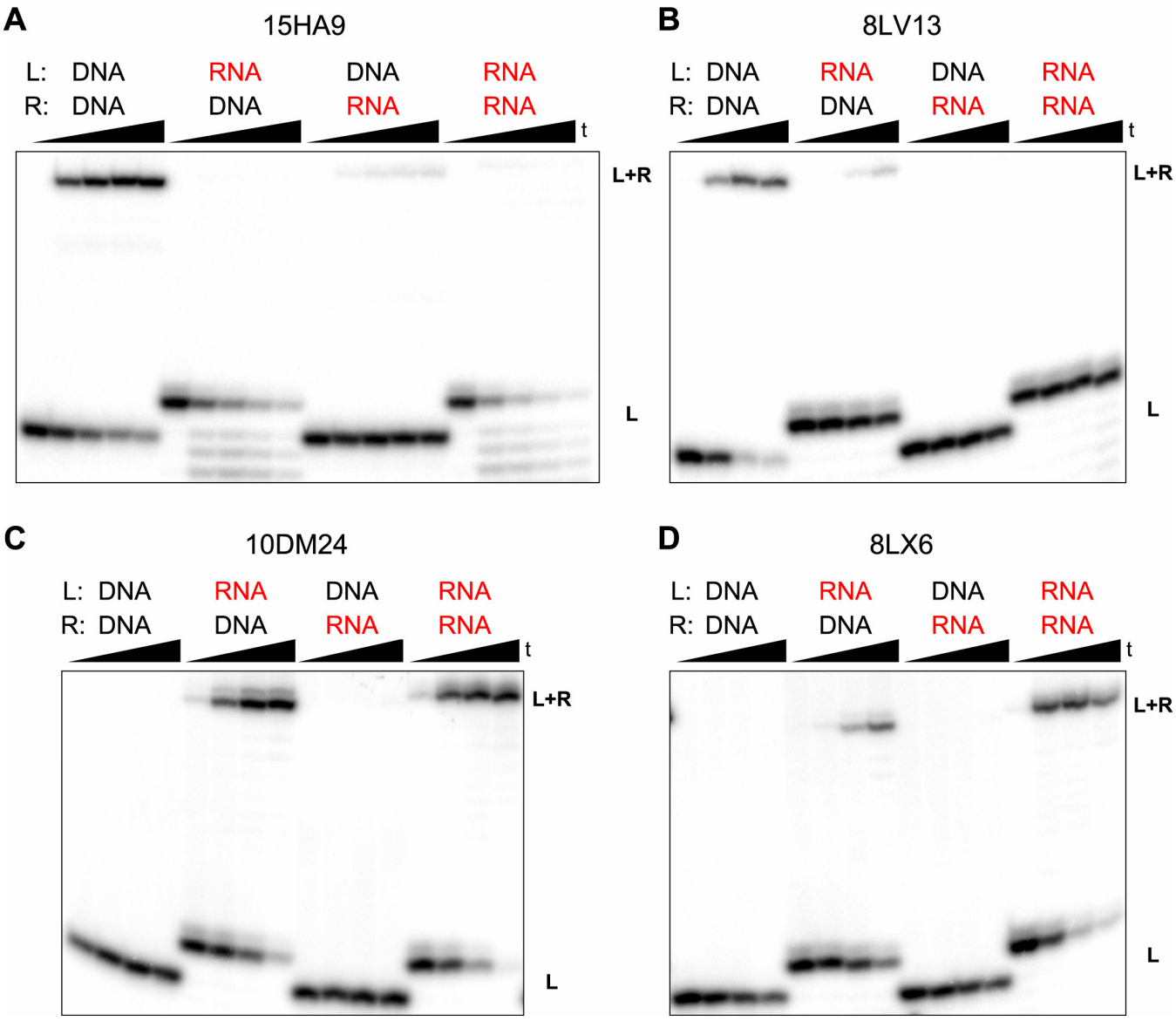

Figure S1. Evaluation of deoxyribozymes with various combinations of DNA and RNA substrates. (A) 15HA9, t = 0, 23, 48, 72, and 96 h. (B) 8LV13, t = 0, 5, 30 min; 4 h. (C) 10DM24, t = 0, 2 min; 1, 4 h. (D) 8LX6, t = 0, 2 min; 1, 4 h. All assays used the parent sequences shown in Figure 2C, except the 15HA9 L substrate terminated with ...ATA-3′ (6). For 15HA9 with L RNA, substantial loss of signal due to a combination of generic RNA degradation and 5′-phosphate hydrolysis is evident and likely unavoidable.