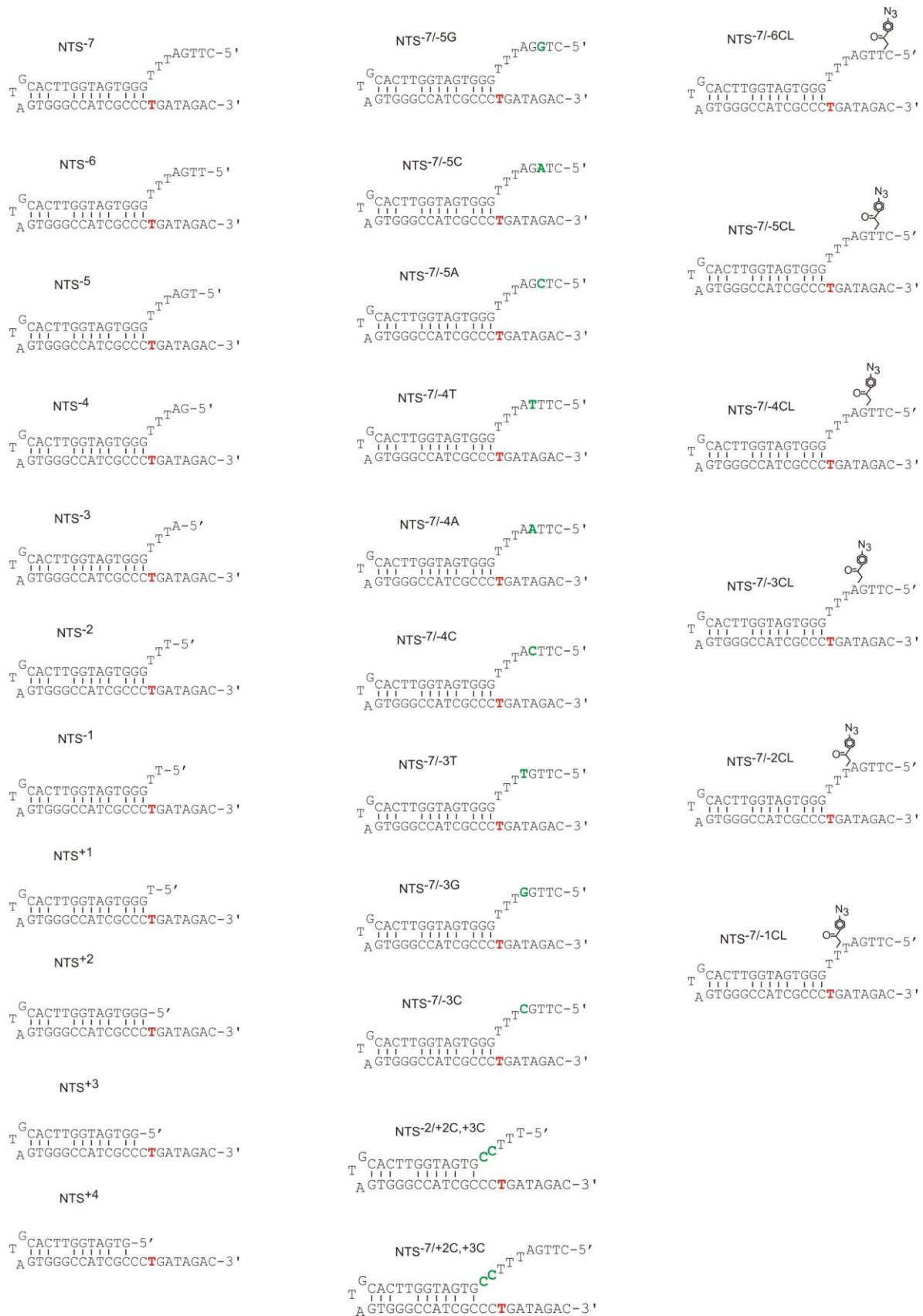


Supplementary Figure 1. M13ori promoter derivatives used in our study. +1TSS on the template strand is red, mutations are green.



Supplementary Figure 2. A. Activity of APAB modified NTS⁻⁷ promoters in transcription. An extra band in the middle of the gel originates from transcription on a shorter DNA fragment contaminating phosphorothiolated oligos. **B.** UV-induced DNA/protein cross-link with Eσ⁷⁰ on radiolabeled NTS^{-7/-4CL} before and after NTPs addition.

