

SUPPLEMENTAL INFORMATION

A Motif in the Vertebrate Telomerase N-terminal Linker of TERT Contributes to RNA Binding and Telomerase Activity and Processivity

Michael Harkisheimer^{1§}, Mark Mason^{1,2§}, Elena Shuvaeva^{1,2} and Emmanuel Skordalakes^{1,2*}

¹*The Wistar Institute, 3601 Spruce St., Philadelphia, Pennsylvania 19104;* ²*Department of Chemistry, University of Pennsylvania, Philadelphia, PA 19104;*

§These Authors contributed equally to the project

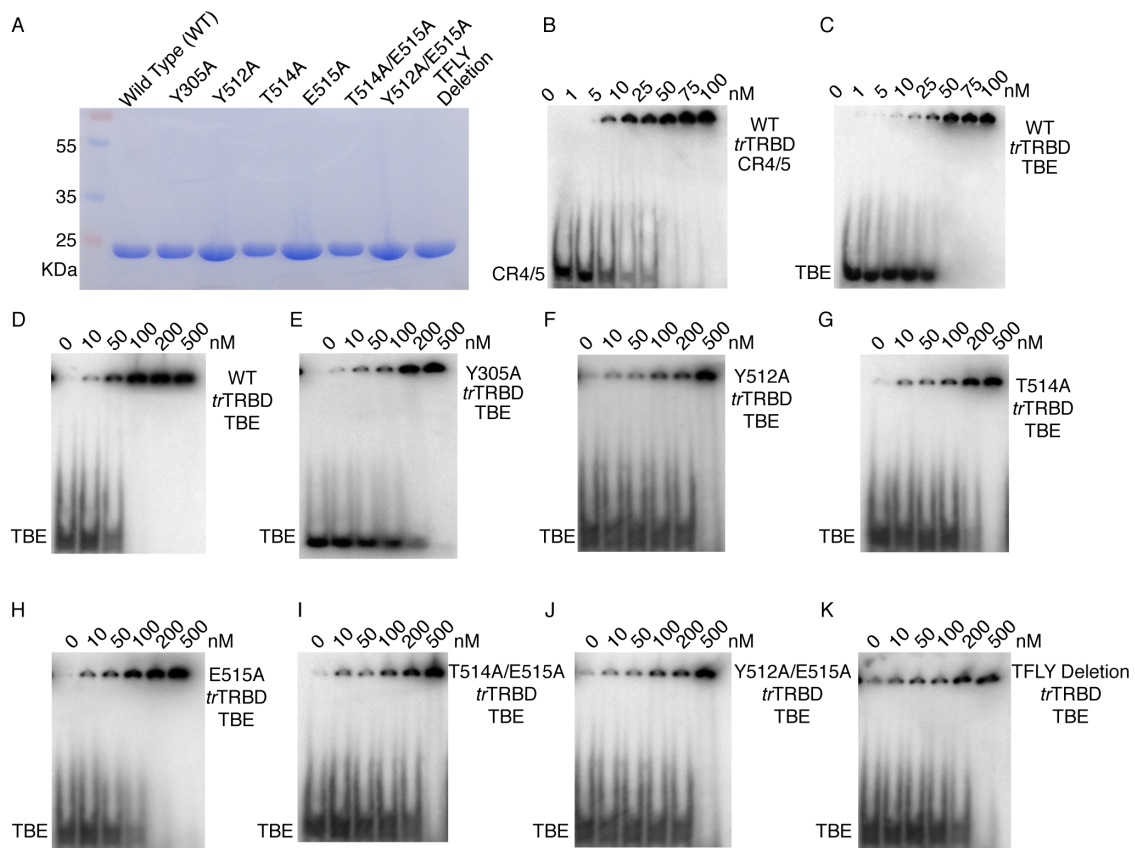
*To whom correspondence may be addressed. E-mail: skorda@wistar.org

SUPPLEMENTAL TABLES

Table S1: RNA oligos used in this study

Name	Sequence
TBE	aaaucacuccgucguuacggagugucuu
CR4/5	cgagagcccguuguggucaguccggcugcccgaagaguuggucucugcugcuccg

SUPPLEMENTAL FIGURES



Harkisheimer_Figure S1

Figure S1. RNA binding properties of WT and mutant *trTRBD*: A) A) SDS PAGE gel of purified *trTRB*; EMSA of B) CR4/5 with WT *trTRBD*; TBE with *trTRBD* C) WT (0 - 100 nM) D) WT (0 - 500 nM) E) Y305A; F) Y512A G) T514A H) E515A I) T514A/E515A J) Y512A/E515A and K) TFLY deletion.