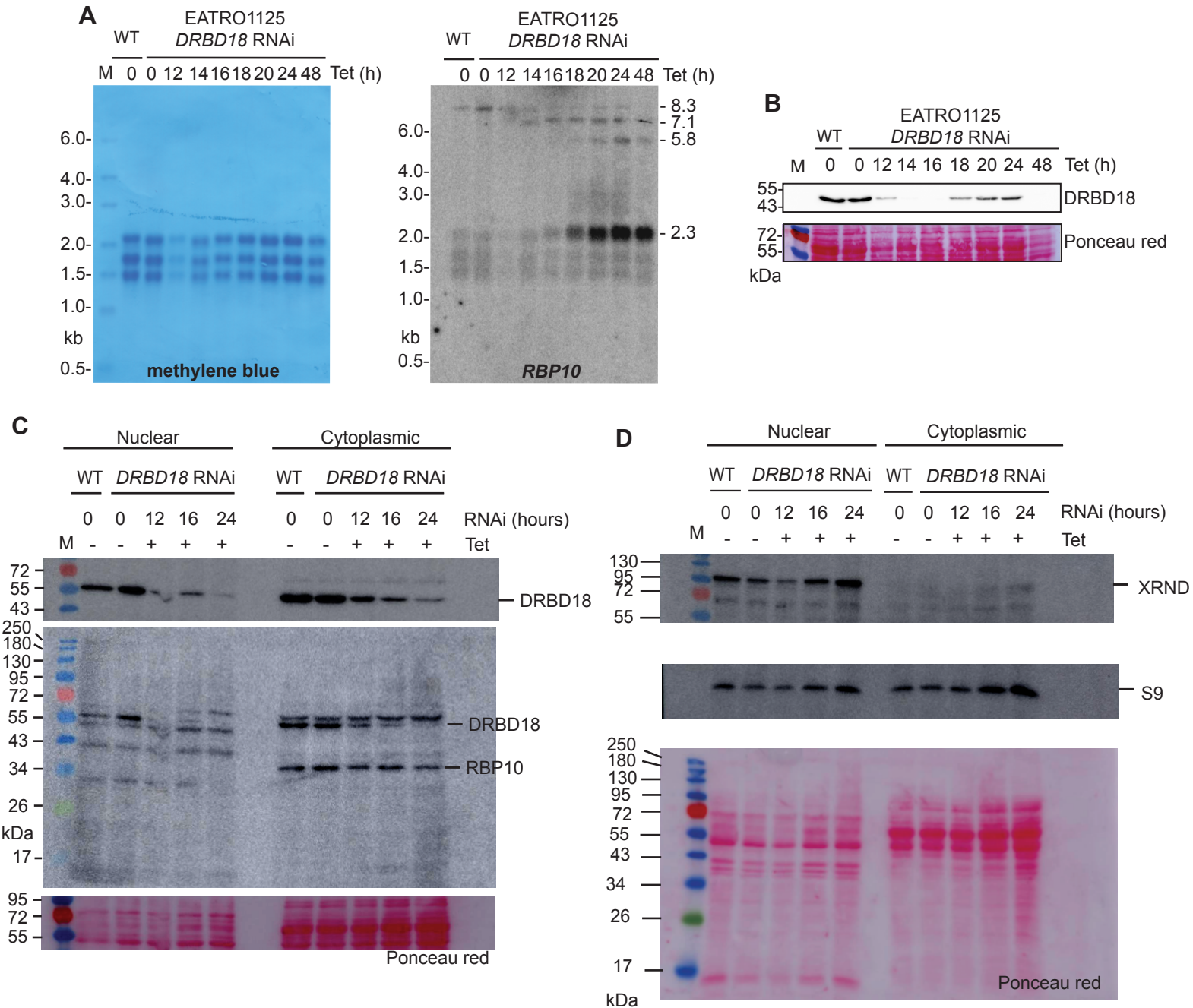




Supplementary Figure S1: Effect of *DRBD18* RNAi on *RBP10* protein and RNA expression in EATRO1125 bloodstream and procyclic forms; cell fractionation.

A. Effect of RNAi on *RBP10* mRNA in EATRO1125 bloodstream forms. The methylene-blue-stained blot is on the left and the signal from *RBP10* mRNA is on the right. The corresponding Western blot for *DRBD18* is shown in panel B.

B. Cumulative growth curves of EATRO1125 bloodstream forms with and without induction of *DRBD18* RNAi.

C, D. Lister 427 bloodstream-form trypanosomes were separated into nuclear and cytoplasmic fractions at various times after RNAi induction. D and E are different blots from the same experiment. The distributions of *DRBD18* (panel D), *RBP10* (cytoplasmic, panel D with the *DRBD18* signal still visible) *XRND* (a soluble nuclear protein, panel E) and ribosomal protein *S9* (nucleus and cytoplasm) were examined. The longest *RBP10* mRNAs were no longer detectable from these fractions.