**Supplemental Table 1. Effect of DRBD18 depletion on the transcriptome.** Sheet 1 showsraw data from 2 biological replicates of DRBD18 knockdown uninduced and induced. TriTrypDB numbers, log2(fold\_change), p value, q value, and significance for each transcript are shown. Transcripts are ordered according to change in abundance. Sheet 2 contains all transcripts whose abundances are significantly down-regulated in both biological replicates. Sheet 3 contains all transcripts whose abundances are significantly up-regulated in both biological replicates.

**Supplemental Table 2. Mass spectrometry results from MHT-DRBD18 purifications.** Sheets 1-3 contain complete lists of proteins that co-purified with MHT-DRBD(WT), MHT-DRBD(R🡪K), and MHT-DRBD(R🡪F), respectively. Each sheet lists TriTrypDB number, total peptide number, unique peptide number, and amino acid coverage for each identified protein. Sheet 4 lists all proteins that associate with MHT-DRBD18(R🡪K) but not MHT-DRBD18(R🡪F) and are also present in purifications of MHT-DRBD18(WT). Sheet 5 lists all proteins that associate with MHT-DRBD18(R🡪F) but not MHT-DRBD18(R🡪K) and are also present in purifications of MHT-DRBD18(WT).