



**Figure 4. IRE1 $\alpha$  activation depletes MHC-I heavy-chain mRNAs via RIDD. (B)** Purified recombinant IRE1 $\alpha$  kinase-endoribonuclease (KR) protein was incubated with RNA transcripts of H-2K, H-2D and H-2L, in absence or presence of G9668 (10  $\mu$ M), followed by agarose gel electrophoresis to determine transcript integrity.