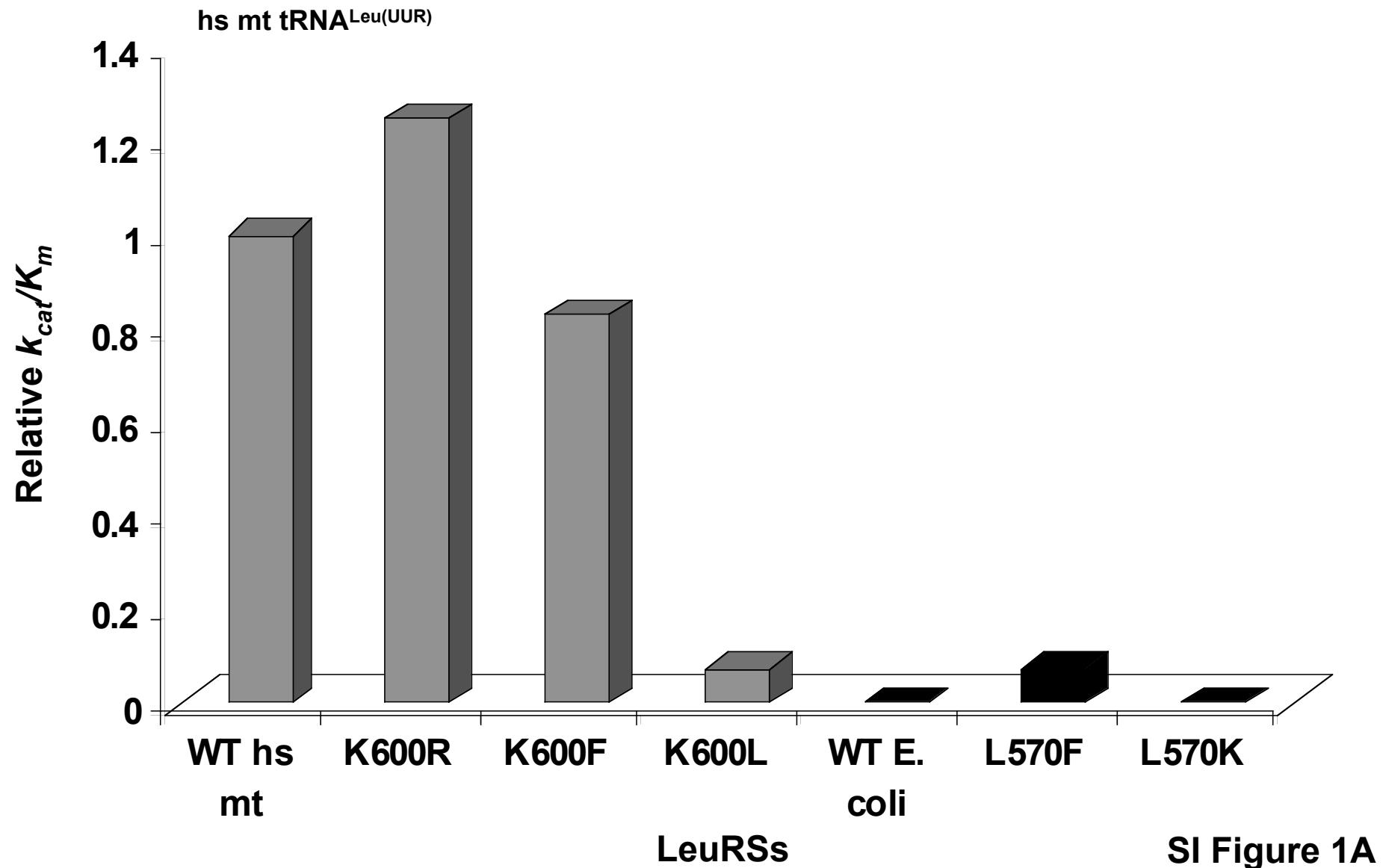


Supporting Figure 1. (A) Comparison of relative k_{cat}/K_m values for hs mt tRNA^{Leu(UUR)} with WT and mutant hs mt (gray) and *E. coli* LeuRSs (black). (B) Comparison of relative k_{cat}/K_m for *E. coli* tRNA^{Leu(CUN)} with WT and mutant hs mt (gray) and *E. coli* LeuRSs (black). (Inset) Relative k_{cat}/K_m comparison of wild-type hs mt LeuRS to the hs mt K600 mutants with *E. coli* tRNA^{Leu(CUN)} alone. Relative numbers were derived from corresponding WT enzymes.



SI Figure 1B

