Figure S1. Structure of $t^6A37$ in the anticodon stem loop (ASL) of tRNA$_{^{\text{Lys}}}$UUU. As observed in complex with AAA-mRNA bound in the A-site of the decoding center of *Thermus thermophilus* 30S ribosome (PDB 1XMO) [1]. Inset: closeup of the modification-dependent ASL of tRNA$_{^{\text{Lys}}}$UUU (C atoms in cyan) in complex with AAA-mRNA (carbon atoms in violet), with the positions of $t^6A37$ and A1 from the mRNA codon labeled.
