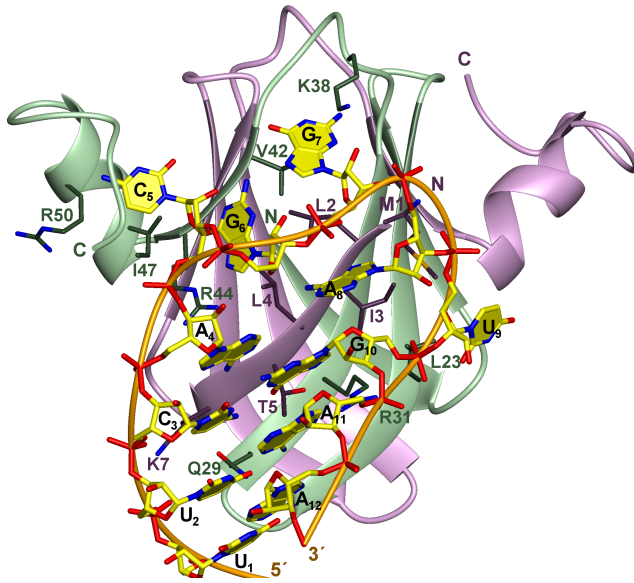
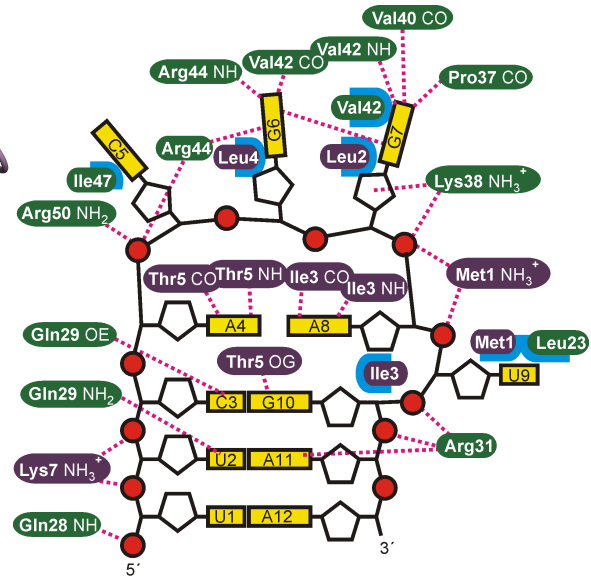


**A****B**

**Fig. S1.** Structure of the RsmE-*hcnA* RNA complex. (A) Details with importance for RNA-protein recognition. Green and violet protein ribbons are used to show the RsmE monomers A and B, with relevant side-chains indicated in dark green and dark violet, respectively. Heavy atoms of the two bound RNAs are shown in yellow (carbon), blue (nitrogen) and red (oxygen and phosphorus). (B) Schematic representation of the RsmE-*hcnA* RNA interactions. Nucleotides are shown in yellow and hydrophobic interactions are indicated in cyan; magenta dashed lines indicate possible hydrogen bonds. Protein atoms involved in hydrogen bonds to the RNA are given after the amino acid residue designations. CO and NH are in peptide bonds; OG and OE are at  $\gamma$  and  $\epsilon$  positions, respectively; NE and NZ are at  $\epsilon$  and  $\zeta$  positions, respectively.