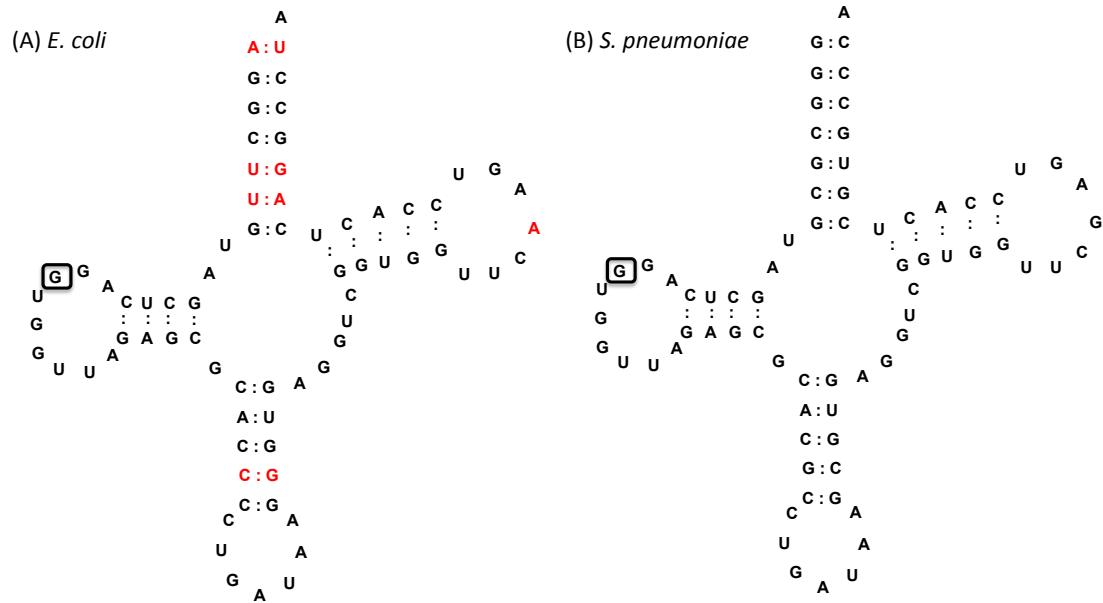


### Supplementary figure 3



**Predicted cloverleaf structures of (A) *E. coli* and (B) *S. pneumoniae* tRNA<sup>Ile</sup> (anticodon GAU).** Sequences variations from the *S. pneumoniae* tRNA<sup>Ile</sup> sequence are highlighted in red. All tRNA cloverleaf structures are shown without the CCA end. Position 16 is boxed.