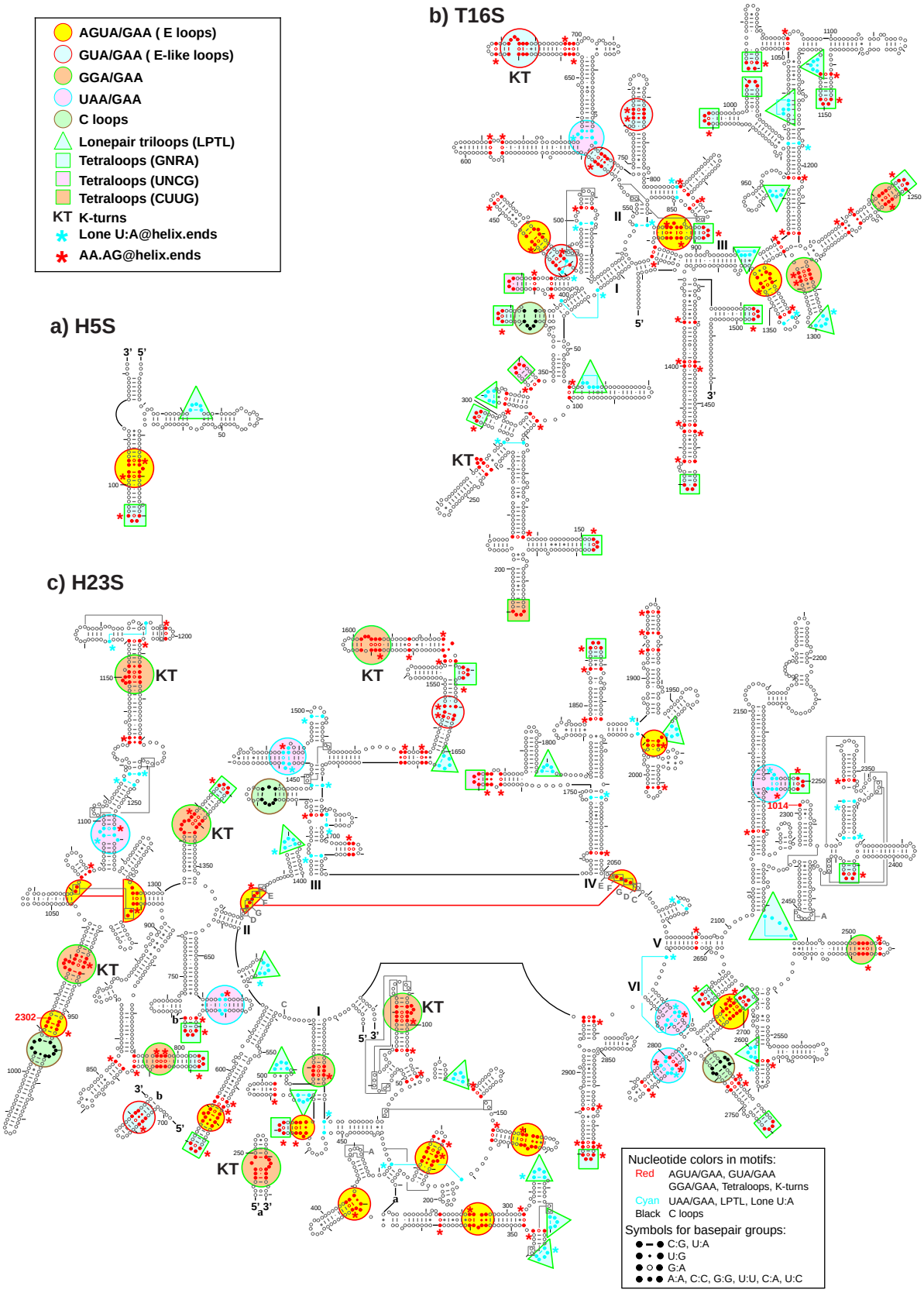
Fig. 2


AGUA/GAA (E loops)
GUA/GAA (E-like loops)
GGA/GAA
UAA/GAA
C loops
Lonepair triloops (LPTL)
Tetraloops (GNRA)
Tetraloops (UNCG)
Tetraloops (CUUG)
KT K-turns
Lone U:A@helix.ends
AA.AG@helix.ends
a) H5S
b) T16S
c) H23S
KT
I
II
III
IV
V
VI
5'
3'
2302
1014
Nucleotide colors in motifs:
Red AGUA/GAA, GUA/GAA GGA/GAA, Tetraloops, K-turns
Cyan UAA/GAA, LPTL, Lone U:A
Black C loops
Symbols for basepair groups:
C:G, U:A
U:G
G:A
A:A, C:C, G:G, U:U, C:A, U:C