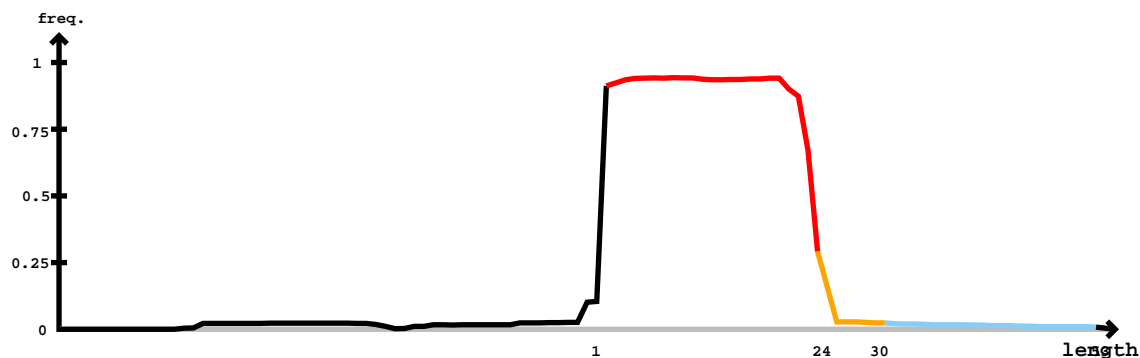


A 3D ribbon diagram of the RNA sequence 5'-UUUUUUGCUUAUAACACACUUCGCGGCGGGA-3'. The backbone is shown in blue, and the bases are shown in orange. The sequence is folded into a complex structure with several loops and stems.



5'	aguuauacaacacuuucuuugugguauacuauugggauaucccacucgucacuuugua <u>uuuuucucguauacacacucgc</u> <u>cuaaaggcucguguguauc</u> <u>cgaaaaaaauac</u>	-3'	exp	
((((((((.....))))))))).(((.....))).....(((((((.....(((.....))))).))))))))))	reads	mm	sample	
.....uuucuuugugguGuacua.....	1	1	s10	
.....auaucccacucgucacuuC.....	1	1	s10	
.....uauuuucucuguaucacacacuc.....	1	0	s10	
.....uuuuucucguauacacacucg.....	1	0	s10	
.....uuuuucucguauacacacucgA.....	2	1	s10	
.....uuuuucucguauacacacucgc.....	6	0	s10	
.....uuuuucucguauacacacucgcA.....	1	1	s10	
.....uucuuucguauacacacucgcAu.....	1	1	s10	
.....ucuuucguauacacacucgcAu.....	2	1	s10	
.....cgauaacacacucgcuccaaC.....	2	1	s10	
.....cucgccuaaaggcucgugugua.....	1	0	s10	
.....uuucuuugugguauacuauug.....	1	0	s17	
.....uuuuucucguauacacacucgc.....	6	0	s17	
.....uuuuucucguauacacacucgcA.....	1	1	s17	
.....uauuuucucguauacacacucA.....	2	1	s01	
.....auuuucucguauacacacucgc.....	1	0	s01	
.....uuuuucucguauacacacucgc.....	4	0	s01	
.....uuuuucucguauacacacucgcA.....	2	1	s01	
.....uuuuucucguauacacacucgcA.....	1	1	s01	
.....uucguauaacacacucgccuaaaggcucgu.....	1	0	s01	
.....uuucuuugugguauacuauugg.....	1	0	s13	
.....ugguauacuauugggauuU.....	1	1	s13	
.....uaucccacucgucacuuG.....	1	0	s13	
.....cacucgucacuuuuuucA.....	1	1	s13	
.....uauuuucucuguaucacacacuc.....	1	0	s13	
.....uauuuucucuguaucacacucg.....	2	0	s13	
.....uuuuucucguauacacacu.....	1	0	s13	
.....uuuuucucguauacacacuc.....	1	0	s13	
.....uuuuucucguauacacacucg.....	5	0	s13	
.....uuuuucucguauacacacucA.....	11	1	s13	
.....uucucucuguaucacacucg.....	2	1	s13	

Mature

Star

aguuauacaacacuuucugugguauacuauagggauuccacucgucacuguaauuuucuuucguauuacacacucgccuaaaggcucguguguaauaccgaaaaauac

uuuuucuuucguauuacacacucAc	1	1	s13
uuuuucuuucguauuacacacucgc	34	0	s13
uuuuucuuucguauuacacacucUc	1	0	s13
uuuuucuuucguauuacacGcucgc	1	1	s13
uuuuucuuucguauuacacacucgcA	16	1	s13
uuuuucuuucguauuacacacucgcG	4	1	s13
uuuuucuuucguauuacacacucgcAu	1	1	s13
uuuuucuuucguauuacacacucgccuaaaggc	1	0	s13
uuuuucuuucguauuacacacucgc	3	0	s13
uuuuucuuucguauuacacacucgccuaaaggcu	1	0	s13
Cuuucguauuacacacucgc	1	1	s13
acuuucuuugugguauacu	1	0	s12
cuuuucuuugugguauacuauug	1	0	s12
uuucuuugugguauacuauagg	1	0	s12
uuuuucuuucguauuacacacuc	1	0	s12
uuuuucuuucguauuacacacucgc	1	0	s12
uuuuucuuucguauuAacacucgc	1	1	s12
uuuuucuuucguauuacacacu	2	0	s12
uuuuucuuucguauuacacacucA	1	1	s12
uuuuucuuucguauuacacacucgc	4	0	s12
uuuuucuuucguauuacacacucgc	17	0	s12
uuuuucuuucguauuacacacucgcG	2	1	s12
uuuuucuuucguauuacacacucgcG	1	1	s12
uuuuucuuucguauuacacacucgcA	1	1	s12
cuaaaggcucguguguaauaccgaaaaaua	1	0	s14
uuucuuugugguauacuauagg	1	0	s19
ucacuuguaauuuucuuucgu	1	0	s19
uuuuucuuucguauuacacacuc	2	0	s19
uuuuucuuucguauuacacacu	1	0	s19
uuuuucuuucguauuUcacacucgc	1	1	s19
uuuuucuuucguauuacacacucgc	6	0	s19
uuuuucuuucguauuacacacucA	1	1	s19
uuuuucuuucguauuacacacucgc	7	0	s19
uuuuucuuucguauuacacacucgcA	2	1	s19
cuaaaggcucguguguaauaccgaaaaaua	1	0	s19
uuuuucuuucguauuacacacucgc	1	0	s18
uuuuucuuucguauuacacacucgcA	1	1	s18
cacacucgccuaaaggcucgc	1	0	s18
uuucuuugugguauacuauug	1	0	s05
uuucuuugugguauacuauagg	1	0	s05
uuuccacucgucacuug	3	0	s05
cuuguaauuuucuuucguauuacacacucgcc	1	1	s05
uuuuucuuucguauuacacacA	2	1	s05
uuuuucuuucguauuacacacu	1	0	s05
uuuuucuuucguauuacacacucgc	1	0	s05
uuuuucuuucguauuacacacucA	1	1	s05
uuuuucuuucguauuacacacucgcU	1	1	s05
uuCuucuuucguauuacacacucgc	1	1	s05
uuuuucuuucguauuacacacucUc	1	1	s05
uuuuucuuucguauuacacacucgc	6	0	s05
uuuuucuuucguauuacacacucgcA	2	1	s05
uuucuuucguauuacacacuc	1	0	s05
uuucuuucguauuacacacucgcA	1	1	s05
uuucuuugugguauacuauagg	1	0	s11
uuuuucuuucguauuacacacucgc	1	0	s11
uuuuucuuucguauuacacacucgcA	1	1	s11
cacucgccuaaaggcucguguguaauaccga	1	0	s11
acuuucuuugugguauacuauu	2	0	s02
uuucuuugugguauacuauug	4	0	s02
uuucuuugugguauacuauagg	2	0	s02
uuucccGcucgucacuugu	2	1	s02
uGuuccacucgucacuugua	1	1	s02
ucccacucgucacuuguaauu	3	0	s02

Mature

Star

aguuauacaacacuuucugugguauacuauugggauuccacucgucacuguaauuuuucucguauuacacacacucgccuaaaggcucguguguaauaccgaaaaauac

.....ucacuuguaauuuuucucgu.....	2	0	s02
.....ucacuuguaauuuuucucgua.....	2	0	s02
.....uauuuuucucguauuacacacacu.....	4	0	s02
.....uauuuuucucguauuacacacA.....	1	1	s02
.....uauuuuucucguauuacacacuc.....	7	0	s02
.....uauuuuucucguauuacacacucg.....	17	0	s02
.....uauuuuucucguauuacacacucU.....	1	1	s02
.....uauuuuucucguauuacacacucA.....	14	1	s02
.....uauuuuucGucguauuacacacucg.....	1	1	s02
.....uauuuuucucguauuacacacucgU.....	2	1	s02
.....uauuuuucucguauuacacacucgc.....	4	0	s02
.....uauuuuucucguauuacacacucgA.....	2	1	s02
.....uauuuuucucguauuacacacucgcA.....	1	1	s02
.....auuuuucucguauuacacacucgU.....	1	1	s02
.....auuuuucucguauuacacacucgc.....	1	0	s02
.....auuuuucucguauuacacacucgcA.....	1	1	s02
.....uuuuucucguauuacacacC.....	2	1	s02
.....uuuuucucguauuacacacu.....	24	0	s02
.....uuuuucucguauuacacacA.....	1	1	s02
.....uuuuucucguauuacacacuc.....	8	0	s02
.....uuuuucucguauuacacacucC.....	1	1	s02
.....uuuuucucguauuacacacucA.....	50	1	s02
.....uuuuucucguauuacacacucg.....	61	0	s02
.....uuuuucucguauuacacacucU.....	3	1	s02
.....uuCucucucguauuacacacucg.....	1	1	s02
.....uuuuucucguauuacacacucgA.....	6	1	s02
.....uuuuucucguauuacacacCgc.....	1	1	s02
.....uuuuucucguauuacacacAgc.....	1	1	s02
.....uuuuucucguauuacacacucgG.....	2	1	s02
.....uuuuucucguauuacacGcgc.....	1	1	s02
.....uuuuucucguauuacacacucgc.....	180	0	s02
.....uuuuucGcguauuacacacucgc.....	1	1	s02
.....uuuuucucguauuacacacucAc.....	1	1	s02
.....uuuuucucguauuacacacucgcA.....	198	1	s02
.....uuuuucucguauuacacacucgcc.....	2	0	s02
.....uuuuucucguauuacacacucgcG.....	12	1	s02
.....uuuuucucguauuacacacucgcAu.....	5	1	s02
.....uuucucucguauuacacacucg.....	2	0	s02
.....uuucucucguauuacacacucU.....	1	1	s02
.....uuucucucguauuacacacucgc.....	1	0	s02
.....uuucucucguauuacacacucgcA.....	1	1	s02
.....uuucucucguauuacacacucgcc.....	1	0	s02
.....uucucucguauuacacacuc.....	2	0	s02
.....uucucucguauuacacacucA.....	2	1	s02
.....uucucucguauuacacacucg.....	2	0	s02
.....uucucucguauuacacacucgc.....	3	0	s02
.....uucucucguauuacacacucgA.....	1	1	s02
.....uucucucguauuacacacucgcA.....	1	1	s02
.....uucucucguauuacacacucgccu.....	1	0	s02
.....uucucucguauuacacacucgccuaaaU.....	1	1	s02
.....uucucucguauuacacacucgccuaaag.....	1	0	s02
.....ucucucguauuacacacucgc.....	1	0	s02
.....ucucucguauuacacacucgcA.....	1	1	s02
.....ucucucguauuacacacucgcc.....	1	0	s02
.....cuGaaggcucguguguaauaccgaaaaau.....	2	1	s02
.....cuaaaggcucguguguaauaccgaaaaaua.....	6	0	s02
.....uuuuucucguauuacacacucgc.....	2	0	s15
.....acuuucucugugguauuacuau.....	1	0	s06
.....uauccacucgucacucug.....	1	0	s06
.....uccacucgAcacuuguaau.....	1	1	s06
.....uccacucgucacucuguaau.....	2	0	s06
.....uauuuuucucguauuacacacucg.....	1	0	s06
.....uuuuucucguauuacacacucgc.....	5	0	s06
.....uuuuucucguCuacacacucgc.....	2	1	s06
.....uuuuucucguCuacacacucgccuaaaggc.....	2	1	s06
.....uauuuuucucguauuacacacucg.....	1	0	s03
.....uuuuucucguauuacacacucgc.....	8	0	s03

Mature

Star

aguuauacaacacuuucugugguauacuauagggauuccacucgucacuuuguauuuuucuuucguauuacacacucgccuaaaggcucguguguaauaccgaaaaauac

.....uuuucuuucguauuacacacucgcA.....	1	1	s03
.....uuucuuugugguauacuauagA.....	1	1	s07
.....uuucuuugugguauacuauagg.....	2	0	s07
.....gauGuccacacucgucacuuuguauuuuucuu.....	1	1	s07
.....ucacuuuguauuuuucuuucgu.....	2	0	s07
.....uauuuuucuuucguauuacacacu.....	1	0	s07
.....uauuuuucuuucguauuacacacuc.....	2	0	s07
.....uauuuuucuuucguauuacacacucA.....	1	1	s07
.....auuuuucuuucguauuacacacucgc.....	1	0	s07
.....uuuucuuucguauuacacacu.....	1	0	s07
.....uuuucuuucguauuacacacucA.....	1	1	s07
.....uuuucuuucguauuacacacucgc.....	1	0	s07
.....uuuucuuucguauuacacacucgc.....	44	0	s07
.....uuuucuuucguauuacacacucgG.....	3	1	s07
.....uuuucuuucguauuacacacucgA.....	2	1	s07
.....uuuucuuucguauuacacacucgcA.....	3	1	s07
.....ugCauuuuucuuucguauuacacacucgcc.....	1	1	s09
.....uauuuuucuuucguauuacacacucA.....	2	1	s09
.....uauuuuucuuucguauuacacacucg.....	1	0	s09
.....uuuucuuucguauuacacacucg.....	1	0	s09
.....uuuucuuucguauuacacacucgG.....	1	1	s09
.....uuuucuuucguauuacacacucgc.....	9	0	s09
.....uuucuuucguauuacacacucgc.....	1	0	s09
.....cuucguauuacacacucgccuaaaggcucgu.....	1	0	s09
.....cucgccuaaaggcucgugugu.....	1	0	s09
.....uaaggcucguguguaauacc.....	1	0	s09
.....uauuuuucuuucguauuacacacuc.....	1	0	s08
.....uGuucuuucguauuacacacucgc.....	1	1	s08
.....uuuucuuucguauuacacacucgc.....	2	0	s08
.....cacucgccuaaaggcucguguguaauaccga.....	1	0	s08
.....cucgccuaaaggcucguguguaau.....	1	0	s08
.....ccuaaaggcucguguguaauacc.....	1	0	s08
.....uuuucuuucguauuacacacucgc.....	2	0	s16