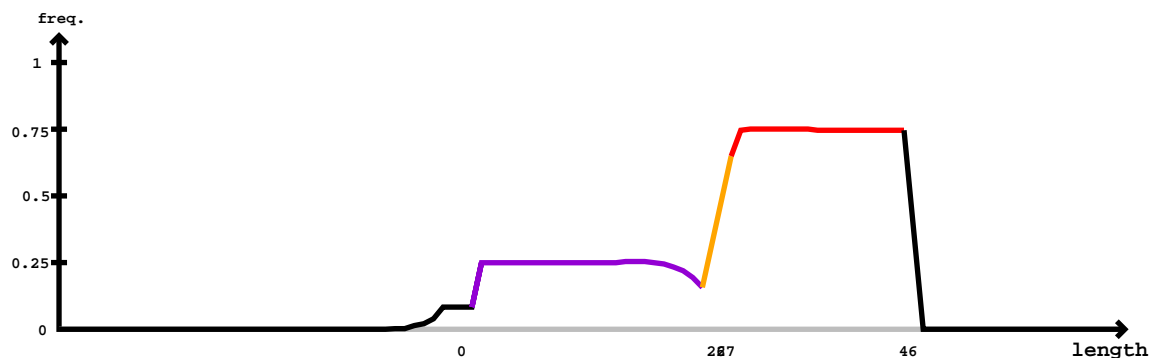


The diagram illustrates a branched RNA structure. The 5' end is on the left, with a sequence of nucleotides (g, u, a, u, c) forming a loop. The 3' end is on the bottom left, with a sequence of nucleotides (u, u, a, a, g). A central stem connects the 5' loop to a larger structure on the right. This central stem has a sequence of (u, a, a, g, u, u, u) on the top strand and (a, a, u, u, c, a, a) on the bottom strand. The rightmost part of the structure is a complex of several loops and stems, with nucleotides including g, c, u, a, c, g, u, g, a, u, g, and u.



	-3'	obs	
gauc <u>a</u> uuuuauuaaguuuucagaucauuuuauuuauuuaa <u>gucguaucuuaagcuuuuggcuaccug</u> <u>u</u> agugaaacuuaaagggaauuaaaauuuauccucagucacgau		exp	
(((((.....))))).(((((.(.(...(((((((....)))..)))))..)).))))).....	reads	mm	sample
.....agugaaaacuCaaagggaauu.....	12	1	s10
.....gugaaaacuCaaagggaauu.....	2	1	s10
.....agugaaaacuCaaagggaauu.....	5	1	s01
.....agugaaaacuCaaagggaauu.....	1	1	s17
.....agugaaaacuCaaagggaauu.....	1	1	s17
.....uuuuUagucguaucuuaaagcuuuuggcuac.....	1	1	s12
.....ucguaucuuaaagcuuuuggcuaccuguG.....	2	1	s12
.....ucguaucuuaaagcuuuUGAcuaccugna.....	1	1	s12
.....ucguaucuuaaagcuuuuggcuaccugna.....	2	0	s12
.....uggcuaccugGagugaaacu.....	2	1	s12
.....agugaaaacuCaaagggaauu.....	1	1	s12
.....aCugaaaacuuaaagggaauu.....	2	1	s12
.....agugaaaacuCaaagggaauu.....	1	1	s13
.....agugaaaacuCaaagggaauu.....	10	1	s19
.....gugaaaacuCaaagggaauu.....	8	1	s19
.....ugaaaacuCaaagggaauu.....	1	1	s19
.....agugaaaacuCaaagggaauu.....	3	1	s14
.....gugaaaacuCaaagggaauu.....	1	1	s14
.....uuCagucguaucuuaaagcuuuuggcuac.....	2	1	s05
.....uCagucguaucuuaaagcuuuuggcu.....	2	1	s05
.....uCagucguaucuuaaagcuuuuggcua.....	1	1	s05
.....uCagucguaucuuaaagcuuuuggcuacc.....	9	1	s05
.....uCagucguaucuuaaagcuuuuggcuaccug.....	1	1	s05
.....uCagucguaucuuaaagcuuuuggcuaccugu.....	2	1	s05
.....ucguaucuuaaagcuuuuggcuaccug.....	1	0	s05
.....agugaaaacuCaaagggaauu.....	28	1	s05

## Star

## Mature

gaucuuuuuuuuaaguuuucagaucauuuuuuuuuuuuaagucguaucuuuagcuuuggcuaccugagugaaaacuuuaagggaauuuaaaauuuauccucagucaccau			
.....gugaaaacuuuaagggaauu.....	20	1	s05
.....ugaaaacuuuaagggaauua.....	1	1	s05
.....agugaaaacuuuaagggaauu.....	169	1	s11
.....agugaaaacuuuaagggaauua.....	1	1	s11
.....gugaaaacuuuaagggaauu.....	12	1	s11
.....ugaaaacuuuaagggaauua.....	1	1	s11
.....uuuuuCagucguaucuuuagcuuuggcuua.....	1	1	s02
.....uuuuCagucguaucuuuagcuuuggcuua.....	1	1	s02
.....uuuCagucguaucuuuagcuuuggcuac.....	2	1	s02
.....uuCagucguaucuuuagcuuuggcuaccug.....	1	1	s02
.....ucgGaucuuuagcuuugg.....	1	1	s02
.....ucguauucuuuagcuuuggA.....	1	1	s02
.....ucguauucuuuagcuuuggcuacU.....	2	1	s02
.....ucguauucuuuagcuuuggcuaccu.....	3	0	s02
.....ucguauucuuuagcuuuggcuaccug.....	5	0	s02
.....ucguauucuuuagcuuuggcuaccuguG.....	4	1	s02
.....agugaaaacuuuaagggaauu.....	2	1	s02
.....gugaaaacuuuaagggaauu.....	6	1	s02
.....agugaaaacuuuaagggaauu.....	1	1	s15
.....gugaaaacuuuaagggaauua.....	1	1	s15
.....ucguauucuuuagcuuuggcuaccugu.....	1	0	s06
.....agugaaaacuuuaagggaauu.....	1	1	s06
.....agugaaaacuuuaagggaauu.....	8	1	s03
.....agugaaaacuuuaagggaauua.....	2	1	s03
.....gugaaaacuuuaagggaauu.....	1	1	s03
.....agugaaaacuuuaagggaauu.....	1	1	s09
.....gugaaaacuuuaagggaauu.....	3	1	s09
.....uuuuCagucguaucuuuagcuuuggcuua.....	2	1	s07
.....uuCagucguaucuuuagcuuuggcuac.....	1	1	s07
.....uUagucguaucuuuagcuuuggcuacc.....	1	1	s07
.....ucguauucuuuagcuuugg.....	1	0	s07
.....ucguauucuuuagcuuuggcuac.....	5	0	s07
.....ucguauucuuuagcuuuggcuacc.....	1	0	s07
.....ucguauucuuuagcuuuggcuaccu.....	1	0	s07
.....ucguauucuuuagcuuuggcuaccuA.....	3	1	s07
.....ucguauucuuuagcuuuggcuaccuU.....	3	1	s07
.....ucguauucuuuagcuuuggcuaccug.....	1	1	s07
.....ucguauucuuuagcuuuggcuaccug.....	21	0	s07
.....ucguauucuuuagcuuuggcuaccugu.....	4	0	s07
.....ucguauucuuuagcuuuggcuaccugua.....	1	0	s07
.....ucguauucuuuagcuuuggcuaccuguG.....	5	1	s07
.....agugaaaacuuuaagggaauu.....	5	1	s07
.....gugaaaacuuuaagggaauu.....	2	1	s07
.....uuuuCagucguaucuuuagcuuuggc.....	1	1	s08
.....uuuCagucguaucuuuagcuuuggcuua.....	1	1	s08
.....uuCagucguaucuuuagcuuuggcu.....	3	1	s08
.....uuCagucguaucuuuagcuuuggcuacc.....	1	1	s08
.....uCagucguaucuuuagcuuuggcuacc.....	2	1	s08
.....uaagucguaucuuuagcuuuggcuaccu.....	1	1	s08
.....ucguauucuuuagcuuuggcuaccuguG.....	2	1	s08
.....ucguauucuuuagcuuuggcuaccuguaC.....	1	1	s08
.....agugaaaacuuuaagggaauu.....	4	1	s08
.....gugaaaacuuuaagggaauu.....	1	1	s08
.....gugaaaacuuuaagggaauua.....	1	1	s08
.....agugaaaacuuuaagggaauu.....	1	1	s04
.....agugaaaacuuuaagggaauu.....	2	1	s16
.....gugaaaacuuuaagggaauu.....	1	1	s16