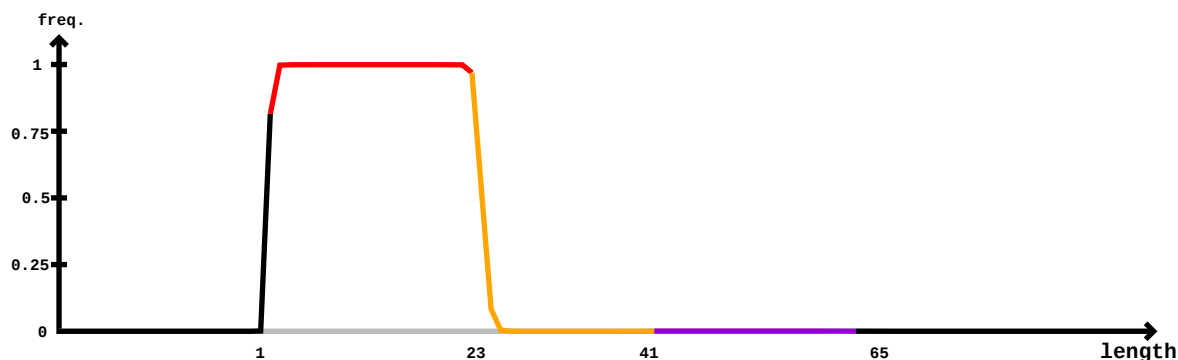


A diagram of a branched RNA molecule. It consists of three separate loops connected by short linear segments. The leftmost loop has a 5' end labeled '5'' and a 3' end labeled '3''. The nucleotides are represented by letters 'a', 'c', 'g', and 'u'. The connections between the loops are shown as single-stranded extensions from the main paths.



Star

5'	acucuuuaguugucuaauug <u>uacc<u>cc</u>uguagaaccgaa<u>uu</u>uguuu<u>aa</u>uuuu<u>aa</u>ca<u>uc</u>gc<u>ag</u>uacgucucua<u>ac</u>gga<u>uu</u>aca<u>ug</u>gggcuacugaa<u>au</u>cc<u>ac</u>gucuguc<u>aa</u></u>	-3'	obs
	acucuuuaguugucuaauug <u>uacc<u>cc</u>uguagaaccgaa<u>uu</u>uguuu<u>aa</u>uuuu<u>aa</u>ca<u>uc</u>gc<u>ag</u>uacgucucua<u>ac</u>gga<u>uu</u>aca<u>ug</u>gggcuacugaa<u>au</u>cc<u>ac</u>gucuguc<u>aa</u></u>		exp
.....(((((((.....))))))..)).....	reads	mm	sample
.....Auacc <u>cc</u> uguagaaccgaa <u>uu</u> g.....	1	1	s02
.....guacc <u>cc</u> uguagaaccgaa <u>uu</u> g.....	1	0	s02
.....Cuacc <u>cc</u> uguagaaccgaa <u>uu</u> ugu.....	3	1	s02
.....Auacc <u>cc</u> uguagaaccgaa <u>uu</u> g.....	2	1	s02
.....guacc <u>cc</u> uguagaaccgaa <u>uu</u> g.....	1	0	s02
.....uacc <u>cc</u> uguagaaccgaa <u>uu</u>	2	0	s02
.....uacc <u>cc</u> uguagaaccgaa <u>uuu</u>	1	0	s02
.....uacc <u>cc</u> uguagaaccg6aa <u>uu</u>	1	1	s02
.....uacc <u>cc</u> uG6gaaccgaa <u>uu</u> g.....	3	1	s02
.....uacc <u>cc</u> uguagaaccgaCu <u>uu</u> g.....	2	1	s02
.....uacc <u>cc</u> uguagaaccgaa <u>uu</u> 6g.....	1	1	s02
.....uacc <u>cc</u> uguagaaccg6aa <u>uu</u> g.....	1	1	s02
.....uacc <u>cc</u> uUagaaccgaa <u>uu</u> g.....	2	1	s02
.....uacc <u>cc</u> uguagaaccgaa <u>uu</u> Cg.....	1	1	s02
.....uacc <u>cc</u> uguaga6ccgaa <u>uu</u> g.....	1	1	s02
.....uacc <u>cc</u> uguUgaaccgaa <u>uu</u> g.....	2	1	s02
.....Aacc <u>cc</u> uguagaaccgaa <u>uu</u> g.....	1	1	s02
.....uacc <u>cc</u> uguagCaccgaa <u>uu</u> g.....	14	1	s02
.....uacc <u>cc</u> uguagaaccAaa <u>uu</u> g.....	1	1	s02
.....uacc <u>cc</u> uguagaaccgaa <u>uu</u> g.....	292	0	s02
.....uacc <u>cc</u> G6gaagaaccgaa <u>uu</u> g.....	2	1	s02
.....uaUcc <u>cc</u> uguagaaccgaa <u>uu</u> g.....	1	1	s02
.....uacc <u>cc</u> ugu6gaaccgaa <u>uu</u> g.....	1	1	s02
.....uacc <u>cc</u> uguCgaaccgaa <u>uu</u> g.....	1	1	s02
.....uacUc <u>cc</u> uguagaaccgaa <u>uu</u> g.....	2	1	s02
.....uacc <u>cc</u> uguagaaccgaa6 <u>uu</u> g.....	1	1	s02
.....uacc <u>cc</u> uguagaaccgaU <u>uu</u> u <u>uu</u> g.....	7	1	s02
.....uacc <u>cc</u> uguUaaccgaa <u>uu</u> g.....	3	1	s02
.....uacc <u>cc</u> uguagaaccgaa <u>uu</u> u <u>uu</u> g.....	4048	0	s02
.....uacc <u>cc</u> uguagaaccg6aa <u>uu</u> g.....	8	1	s02
.....ua6cc <u>cc</u> uguagaaccgaa <u>uu</u> u <u>uu</u> g.....	1	1	s02
.....uacc <u>cc</u> uguagaaccga6 <u>uu</u> u <u>uu</u> g.....	3	1	s02
.....uacc <u>cc</u> uguagaaccgUa <u>uu</u> u <u>uu</u> g.....	5	1	s02

Mature

Star

acucuuuaguugucuauauguaccccuagaaacccaauuuguguuaauauauuacaaucgcaaguacgucucuacaggaaucaugggcuacugaaauccacgucugucaa

.....uacccuagaaGcgaaauugu.....	3	1	s02
.....uacccuagaaCccgaauuugu.....	2	1	s02
.....uacccuUgaaacgaauuugu.....	4	1	s02
.....uacccuUuagaacgaauuugu.....	16	1	s02
.....uacccuagaaaccCaauuugu.....	5	1	s02
.....uacccuagaaacGgaauuugu.....	1	1	s02
.....uaccAuguagaacgaauuugu.....	2	1	s02
.....uacccuagaaaAcgaauuugu.....	1	1	s02
.....uacccuAuagaacgaauuugu.....	4	1	s02
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.....uacccuagaaaccgaCuuugu.....	14	1	s02
.....Gacccuagaaacgaauuugu.....	1	1	s02
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.....uacccuagaaacgaauuugA.....	15	1	s02
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.....uacccuagaaacgaauuugGg.....	11	1	s02
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.....uacccuGagaacgaauuugug.....	1	1	s02
.....uacccuAuagaacgaauuugug.....	2	1	s02
.....uacccuagaaaccCaauuugug.....	3	1	s02
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.....uacccuagaaaccgaUuuuugug.....	5	1	s02
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.....uacccuagaaacgaauuuAug.....	1	1	s02
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.....uacccuagaaaccgGauuugug.....	5	1	s02
.....uacccGuaagaacgaauuugug.....	5	1	s02
.....uacccuagaaacgaGuuugug.....	3	1	s02

Mature

Star

acucuuuaguugucuauaugu	uacccuguaagaaccgaauuuguguuauuauuacaaucgcaaguacgucucuaacaggauuacauugggcuacugaaauccacgucugucuaa			
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.....uacccuguaagaaccgaauuugAg		2	1	s02
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.....accuguaagaaccgaUuuugu		2	1	s02
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.....aAccuguaagaaccgaauuugugu		1	1	s02
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.....accugugagGaccgaauuugugu		3	1	s02
.....acAcuguaagaaccgaauuugugu		1	1	s02
.....accuguaagaaccgaauuugCgu		3	1	s02

Mature

Star

acucauuaguugucuauauguacccuguaagaaccgaauuuguguuaauauauuacaaucgcaaguacgucucuaacaggaaucauggggcuacugaaauccacgucugucaa			
..... acccuguaagaaccgCauuugugu .	13	1	s02
..... aNccuguaagaaccgaauuugugu .	1	1	s02
..... acccuguaagaaccgaauuugugA .	73	1	s02
..... acccuguaagaaccgaCuuugugu .	1	1	s02
..... acccuguaagaCccgaauuugugu .	10	1	s02
..... accUuguaagaaccgaauuugugu .	1	1	s02
..... acccuguaagaaccgaauuugugu .	337	0	s02
..... acccuguaagaaccgaauuugugC .	1	1	s02
..... acccuguaagaaccgaauuuguguu .	7	0	s02
..... acccuguaagaaccgaauuugugu6 .	8	1	s02
..... acccuguaagaaccgaauuugugu6a .	2	1	s02
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..... ccugGagaaccgaauuugug .	1	1	s02
..... ccuguaagaaccgaauuugugA .	3	1	s02
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..... uacccuguaagaaccgaauuugC .	6	1	s01
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..... uacGcuguaagaaccgaauuugu .	2	1	s01
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..... uacccuguaagaaccgaauuuUu .	1	1	s01
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Mature

Star

acucuuuaguugucuauauguacccuguaagaaccgaauuuguguuaauuauuacaaucgcaaguacgucucuacaggaaucaugggcuacugaaauccacgucugucaa

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.....uaccuGuaAaaccgaauuugug.....	2	1	s01
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Mature

Star

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Mature

Star

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