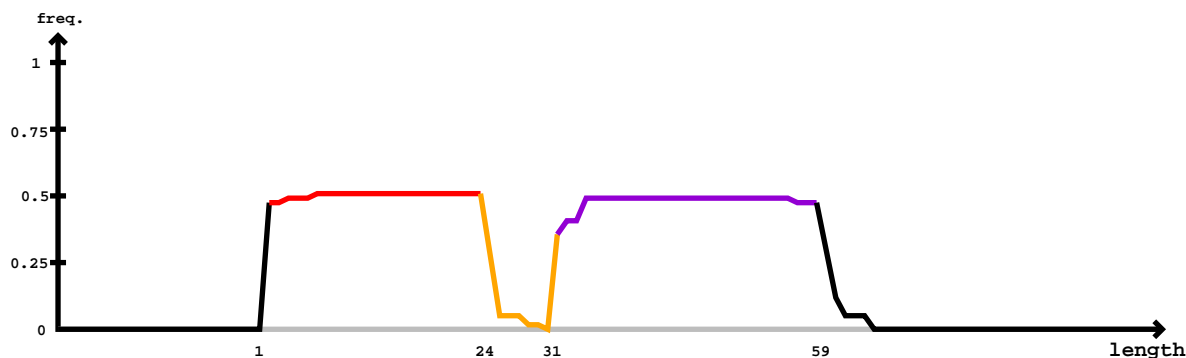


The diagram illustrates the secondary structure of the 16S rRNA of *Escherichia coli*. The structure is a complex of alpha, beta, and gamma domains. The alpha domain is on the left, the beta domain is in the middle, and the gamma domain is on the right. The structure is composed of several helices and loops, with the 3' and 5' ends labeled. The sequence is shown in a color-coded manner, with different colors representing different regions or helices. The structure is highly conserved and plays a crucial role in the function of the 30S subunit of the bacterial ribosome.



Star

5'	ccuucucuaauacuuaccaga <b>augcaguaacaagcgauacaggccuggagggcucaucaacuaggucacugcagcaaga</b> caagggcacgcgauuacaguccuuggucaacucgacg	-3'	obs	
	ccuucucuaauacuuaccaga <b>augcaguaacaagcgauacaggccuggagggcucaucaacuaggucacugcagcaaga</b> caagacaaggcacgcgauuacaguccuuggucaacucgacg		exp	
	.....(((((((((((.(.(((..((((((...)))))).)))).)))).)))).).....((((((.(.....)))))))((((.....)))	reads	mm	sample
	..... <b>augcaguaacaagcgauacaggcc</b> .....	4	0	s35
	..... <b>augcaguaacaagcgauacaggccugga</b> .....	1	0	s35
	..... <b>gcaguaacaagcgauacaggcc</b> .....	1	0	s35
	..... <b>Aucaucaacuaggucacugcagcaagac</b> .....	2	1	s35
	..... <b>aucaacuaggucacugcagcaagacaagg</b> .....	2	0	s35
	..... <b>Aucaucaacuaggucacugcagcaaga</b> .....	1	1	s85
	..... <b>aucaacuaggucacugcagcaaga</b> .....	1	0	s85
	..... <b>augcaguaacaagcgauacaggcc</b> .....	5	0	s23
	..... <b>augcaguCcaagcgauacaggcc</b> .....	1	1	s23
	..... <b>Aucaucaacuaggucacugcagcaaga</b> .....	4	1	s23
	..... <b>Aucaucaacuaggucacugcagcaagaca</b> .....	2	1	s23
	..... <b>ucaucaacuaggucacugcagcaaga</b> .....	1	0	s23
	..... <b>augcaguaacaagcgauacaggcc</b> .....	2	0	s13
	..... <b>augcaguaacaagcgauacaggccugga</b> .....	1	0	s13
	..... <b>Aucaucaacuaggucacugcagcaaga</b> .....	3	1	s13
	..... <b>Aucaucaacuaggucacugcagcaagaca</b> .....	2	1	s13
	..... <b>aucaacuaggucacugcagcaagacaagg</b> .....	1	0	s13
	..... <b>augcaguaacaagcgauacaggcc</b> .....	5	0	s60
	..... <b>Aucaucaacuaggucacugcagcaaga</b> .....	1	1	s60
	..... <b>augcaguaacaagcgauacaggcc</b> .....	1	0	s72
	..... <b>augcaguaacaagcgauacaggccuggagg</b> .....	1	0	s72
	..... <b>augcaguaacaagcgauacaggcc</b> .....	2	0	s09
	..... <b>Aucaucaacuaggucacugcagcaagac</b> .....	3	1	s09
	..... <b>ucaucaacuaggucacugcagcaagac</b> .....	1	0	s09
	..... <b>aucaacuaggucacugcagca</b> .....	1	0	s09
	..... <b>augcaguaacaagcgauacaggcc</b> .....	5	0	s52

Mature

Star

ccuucucuauacuuaccagaaugcag <u>u</u> ac <u>a</u> agcgauacagggccuggagggcucaucaacuaggu <u>a</u> cugcagcaaga <u>a</u> caaggcacgc <u>a</u> uuacaguccuugguacacucgacg			
.....Auacaagcgauacaggcc.....	1	1	s52
.....Aucaucaacuagguacacugcagcaaga.....	3	1	s52
.....Acaucaacuagguacacugcagcaaga.....	1	1	s52