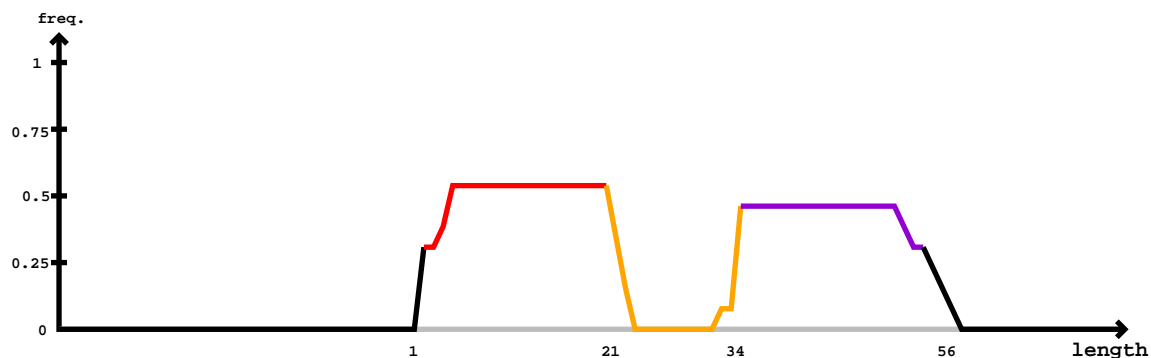


The diagram illustrates the secondary structure of the 16S rRNA gene from *Bacillus subtilis*. The sequence is presented as a double-stranded molecule, with the top strand oriented 5' to 3' and the bottom strand oriented 3' to 5'. The bases are color-coded: red for A, orange for G, yellow for U, and green for C. The structure shows several stem-loops and other structural motifs characteristic of rRNA.



5'	obs	exp	reads	mm	sample
auaaaauucugagcauucugguaaaaaaggagaaaagaggaguaaccuccagaugaugguaauaaaccac <u>caucucuggagguacuccucu</u> uuccauuuuuccaaaaaaauu auaaaauucugagcauucugguaaaaaaggagaaaagaggaguaaccuccagaugaugguaauaaaccac <u>caucucuggagguacuccucu</u> uuccauuuuuccaaaaaaauu	-3'				
.....(((.(((.(.((((((((((((((((((((((((.....)).....					
.....Ugaggaguaaccuccagauga.....			4	1	seq
.....aUgaguaccuccagauga.....			1	1	seq
.....Agaguaccuccagaugaug.....			1	1	seq
.....Ugaguaccuccagaugaug.....			1	1	seq
.....caucaucuggagguacucA.....			1	1	seq
.....ucaucuggagguacucAu.....			1	1	seq
.....ucaucuggagguacuccuA.....			4	1	seq