## Alignment and structure of GcvB.

This is a part of the 5' end of the Rfam alignment GcvB. The inner (green) stem usually has a single bulge loop. However, due to the one sequence that has a 3nt insertion (yellow column), the original RNAalifold treats all sequences as if they had a bulge loop there. Because of this, it prefers the large interior loop over two small bulges, which leads to the 3 missing base pairs (magenta). Treating gaps as not being there – instead of as "phantom" nucleotides – remedies that.

