

Fig. 20. Classic attenuation regulation of gene *hisG* in γ -proteobacteria. The start and regulatory codons of the leader peptide gene are in bold, the stop codon is in bold italic, the alternative start codon – in green. The antiterminator (helix 1) does not fully overlap with the terminator (helix 4) and requires a co-antiterminator (helix 2). When the antiterminator cannot form at certain ribosome position on RNA strand, the co-terminator is formed (helix 3 cannot coexist with helix 2 but allows the formation of helix 4). The triplex is shown in pink. In *Alteromonadales bacterium* (ATW7) and *Pseudoalteromonas haloplanktis* (PSHA) the triplex is less stable and shown in red italic.

