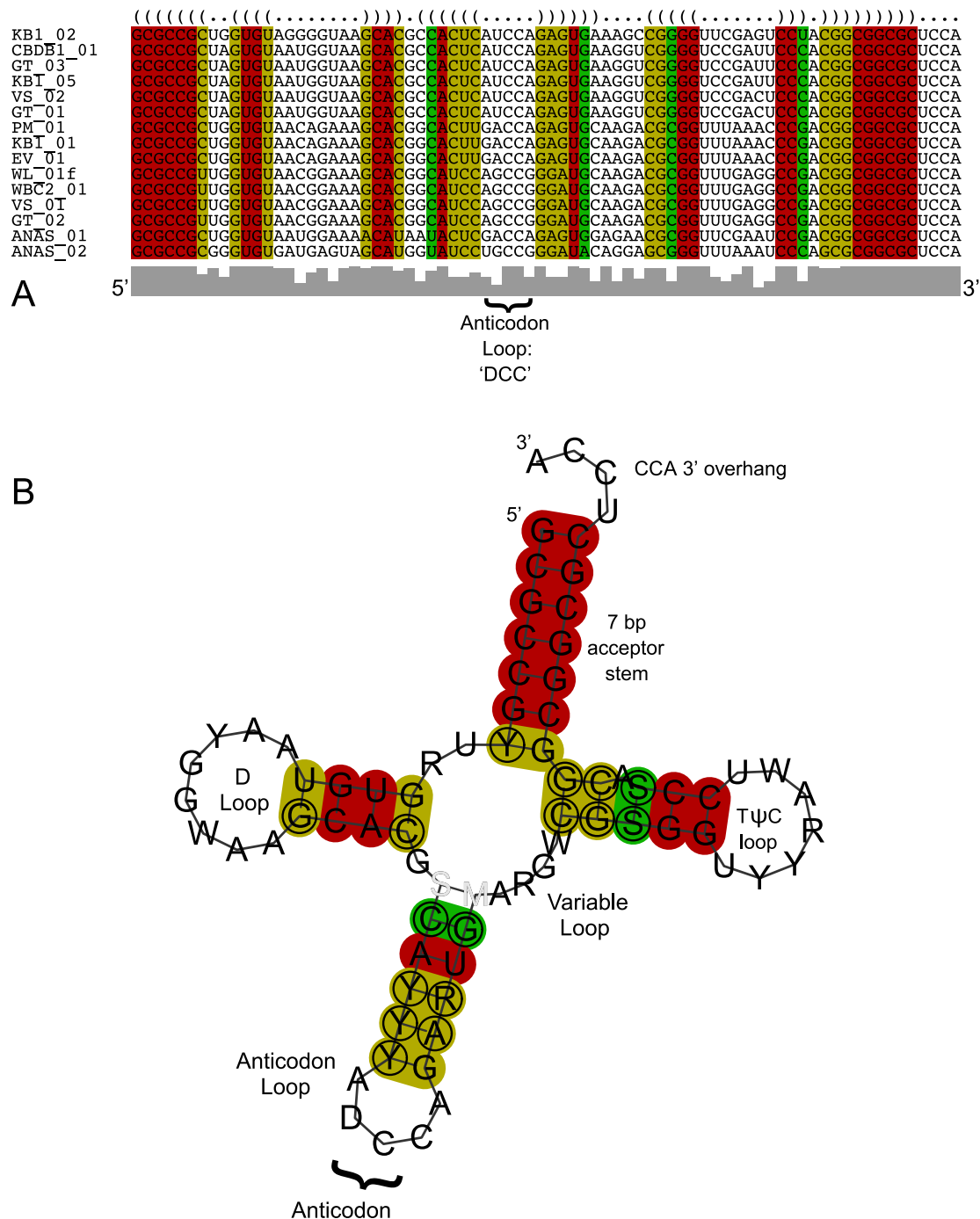




Additional file 1, Figure S1: Alignment and Predicted Secondary Structure of Putative tRNA-gly. These tRNA-gly are strongly conserved in 16 *Dehalococcoides* *ssrA*-GI integration modules. Bases are shaded according to the Vienna RNA conservation coloring schema in both the alignment (**A**) and secondary structure cartoon indicating the majority consensus with degeneracy (**B**). Secondary structure prediction was unanimous from three independent secondary structure prediction servers [80–82]. Free energy of the thermodynamic ensemble is -54.26 kcal/mol [80]. Substructure labels correspond to classical tRNA, including the apparent anti-codon ‘DCC’.