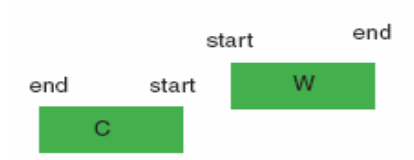


Legend:



- ORFs on Watson (W) and Crick (C) strands



- Free energy ΔG of DNA/DNA duplex



Free energy ΔG of RNA/DNA duplex, containing RNA identical to Crick's coding strand.

RNA from the RNA/DNA duplex is:

* sense strand for Crick's ORFs

* antisense strand for Watson's ORFs.



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Free energy ΔG of RNA/DNA duplexes, containing RNA identical to Watson's coding strand.

RNA from the RNA/DNA duplex is:

* sense strand for Watson's ORFs.

* antisense strand for Crick's ORFs