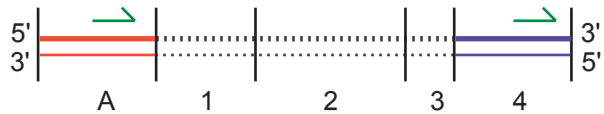


A Unidirectional Primer Design

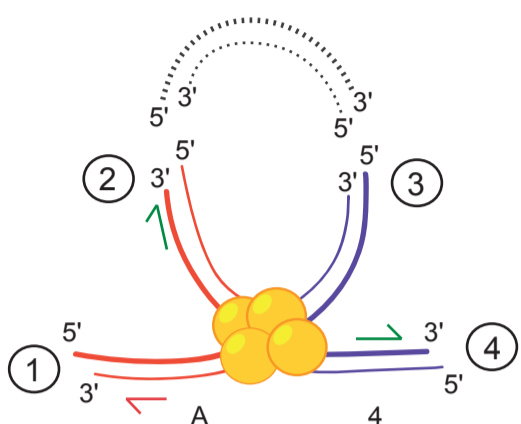


B Mixed Primer Design

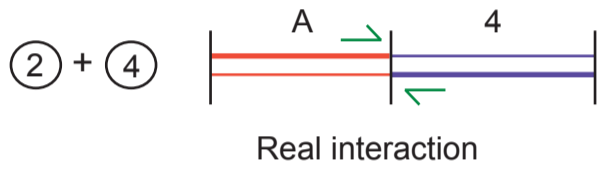


Possible 3D structures and their detection

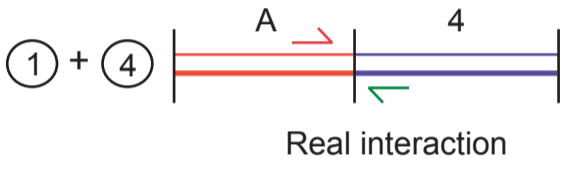
C Loop: real interaction in 3D



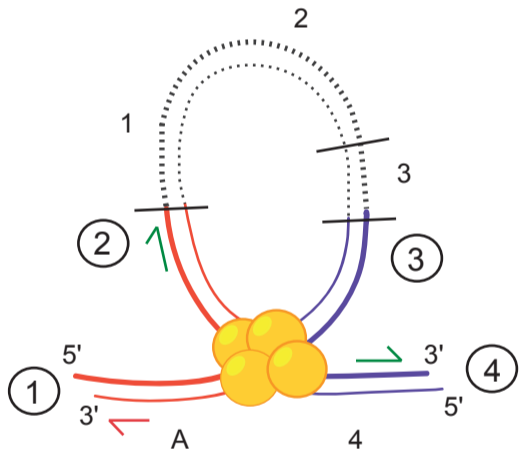
Detected by Unidirectional primer set:



Detected by Mixed primer set:

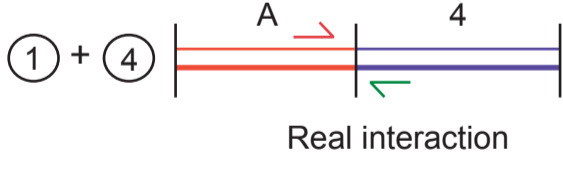


D Uncut Loop

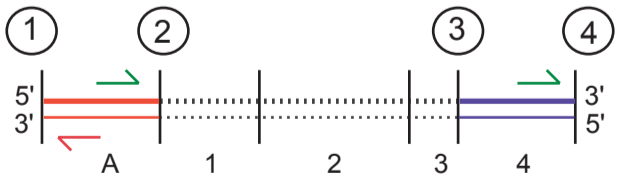


Not Detected by Unidirectional primer set

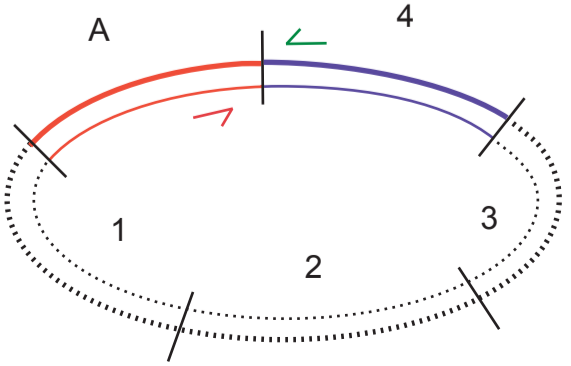
Detected by Mixed primer set:



E Uncut Linear = Big Self-curve



Not Detected by Unidirectional primer set



Fake interaction