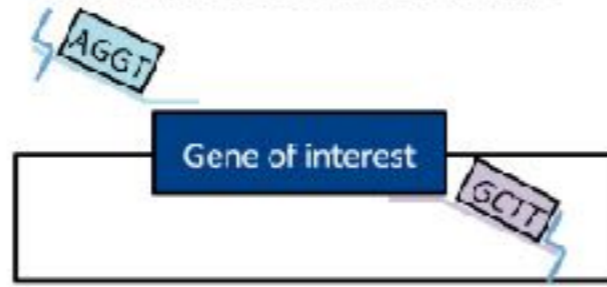


Golden gate

Option 1. Gene of interest is in a Golden Gate compatible plasmid containing type IIS restriction sites (⚡)



Option 2. PCR amplify gene of interest to add Type IIS sites and overhangs



+

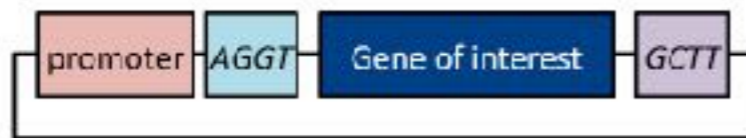
Mix with destination vector and digestion/ligation buffer



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↓



Type IIS restriction sites absent from final product

Key



Type IIS restriction site (e.g. BbsI)



4 base overhang



specifying directionality