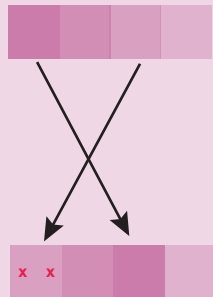


**Promoter**

**Gene**

**Extragenic**

**1. Permute and mutate promoter sequence**



**x Mutation**

**2. Fragment gene sequences**



**3. Fragment extragenic sequences**

