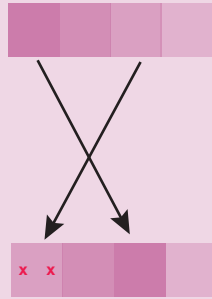


**Promoter**

**Gene**

**Extragenic or random**

**1. Permute and mutate promoter sequence**



**x Mutation**

**2. Fragment gene sequences**



**3. Fragment extragenic sequences or create random sequences**



Percentage of negative  
data set

33.3%

33.3%

33.3%