



## BFP/GFP reporter locus

CAT → TAT  
 His → Tyr  
 BFP → GFP

BFP TCGTGACCACCCTGACCCATGGCGTGCAGTGCTTCAGCCGCTACCCCGAC  
 TCGTGACCACCCTGACCTATGGCGTGCAGTGCTTCAGCCGCTACCCCGAC  
 GFP |||||  
 AGCACTGGTGGGACTGGATACCGCACGTCACGAAGTCGGCGATGGGGCTG  
 GGNTACCGCACGTCACGAAGTCG  
 dRNA1 GGNACTGGATACCGCACG  
 dRNA2 GGNCTGGATACCGCACG  
 dRNA3 GGNGGGACTGGATACCG

→ Best dRNA  
 BFP to GFP mutation  
 PAM