

uracil-doped ORF template



pool of codon-degenerate oligos

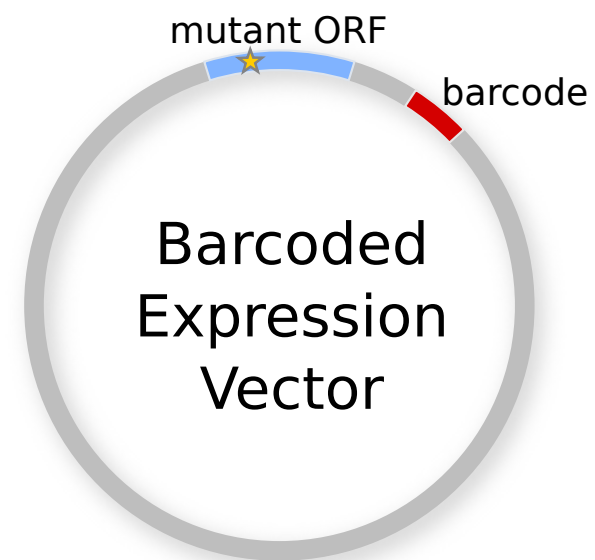
non-strand-displacing  
polymerase

cleave uracil-doped templates  
re-amp with att-sites

attB

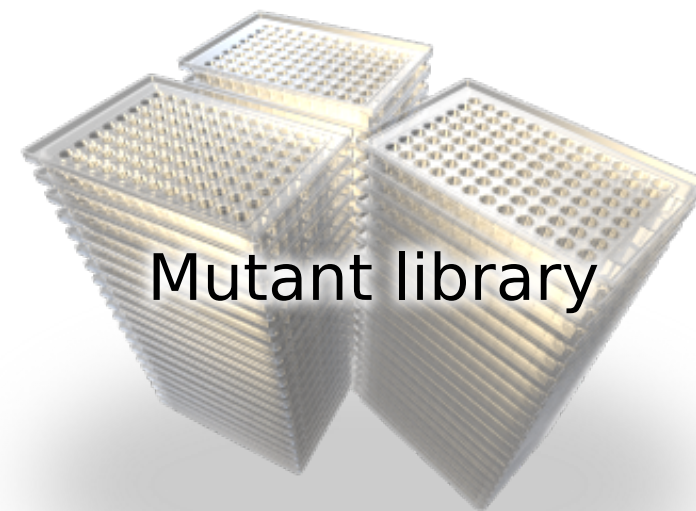
attB

BP+LR  
cloning



Barcoded  
Expression  
Vector

Transformation  
+  
Robot-assisted  
colony picking



Mutant library

kiloSeq  
+  
re-array