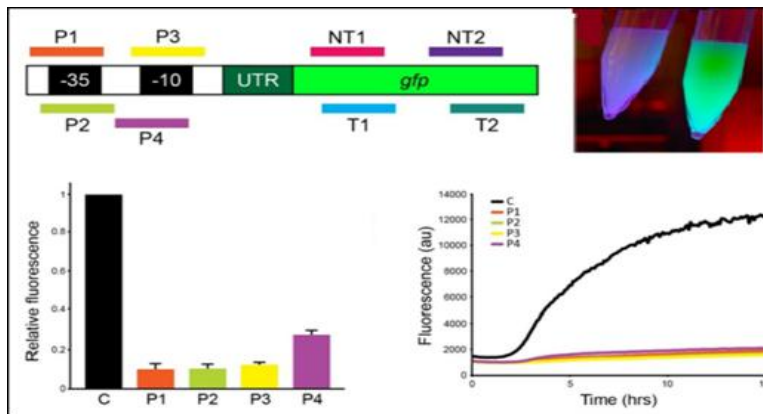
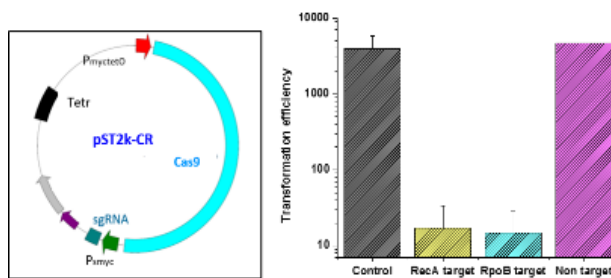


CRISPR based vectors with improved features of genome editing have been developed, and gene knockout constructs for mouse and gene silencing technologies in bacteria have been developed.

CRISPR-Cas mediated genome editing technology has been one of the finest inventions of this century and is the best example of translation of fundamental knowledge into application. We have developed our capabilities of creating CRISPR –cas based technologies for their used in both fundamental research and bio-medical applications. We made CRISPR vector with advanced features and used them for generating constructs for creating gene knockouts in mouse model.



A programmable that can target any gene and is tunable (10-1000 fold silencing)



Selective killing of Mycobacteria with CRISPR targeting