A

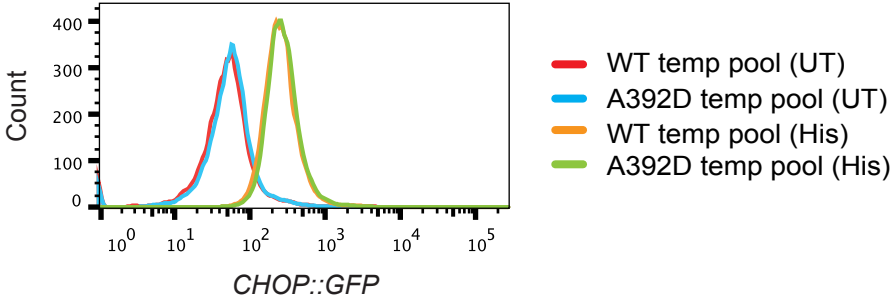
sgRNA (#1596)

SpeI PstI

Wildtype DNA : CCCACCTCCTACCTGCTGATTCCTGCAGCCTCCTATGTGCTCCCA

Wildtype template : TAGT C C T

Mutant template : TAGT C C AT

Wildtype protein :	P	T	S	Y	L	L	I	P	A	A	S	Y	V	L	P
Mutant protein :	P	T	S	Y	L	L	I	P	A	D	S	Y	V	L	P

B