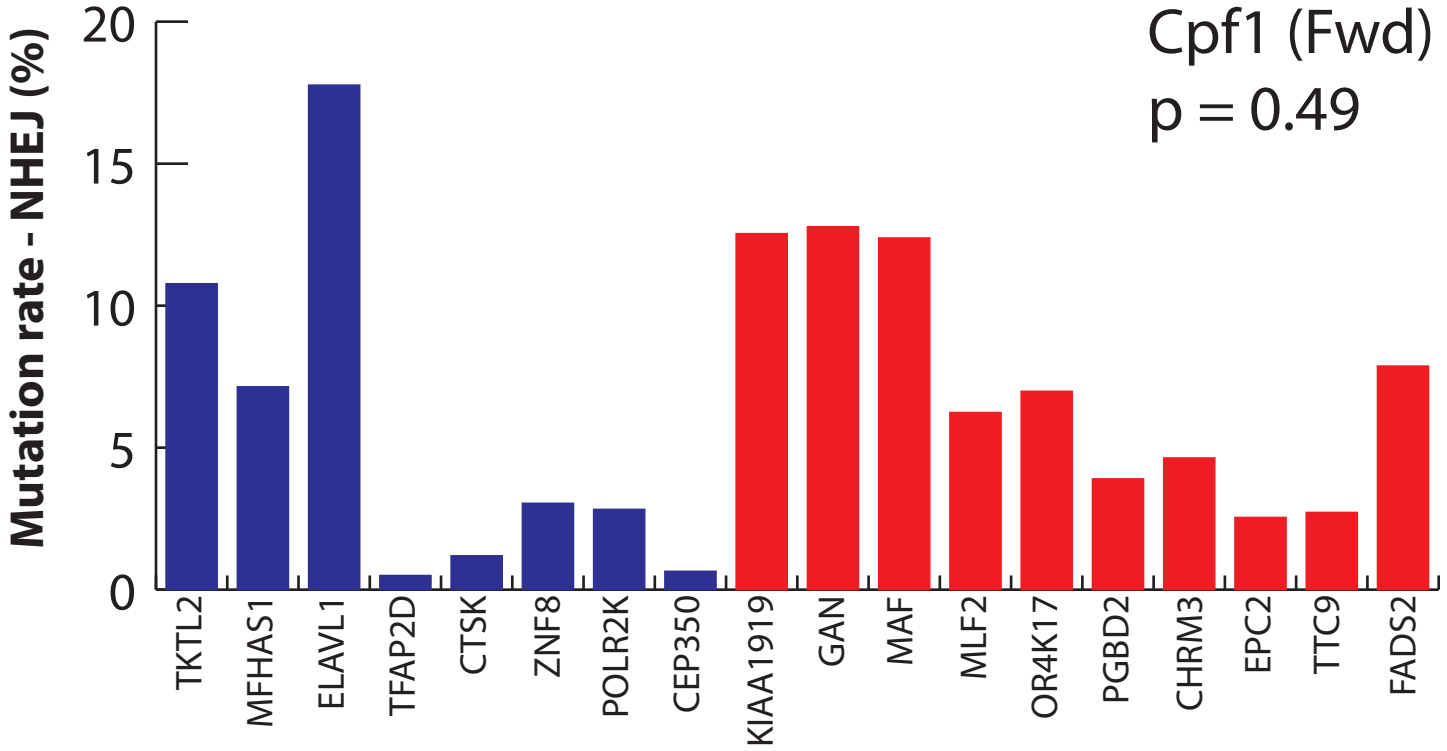
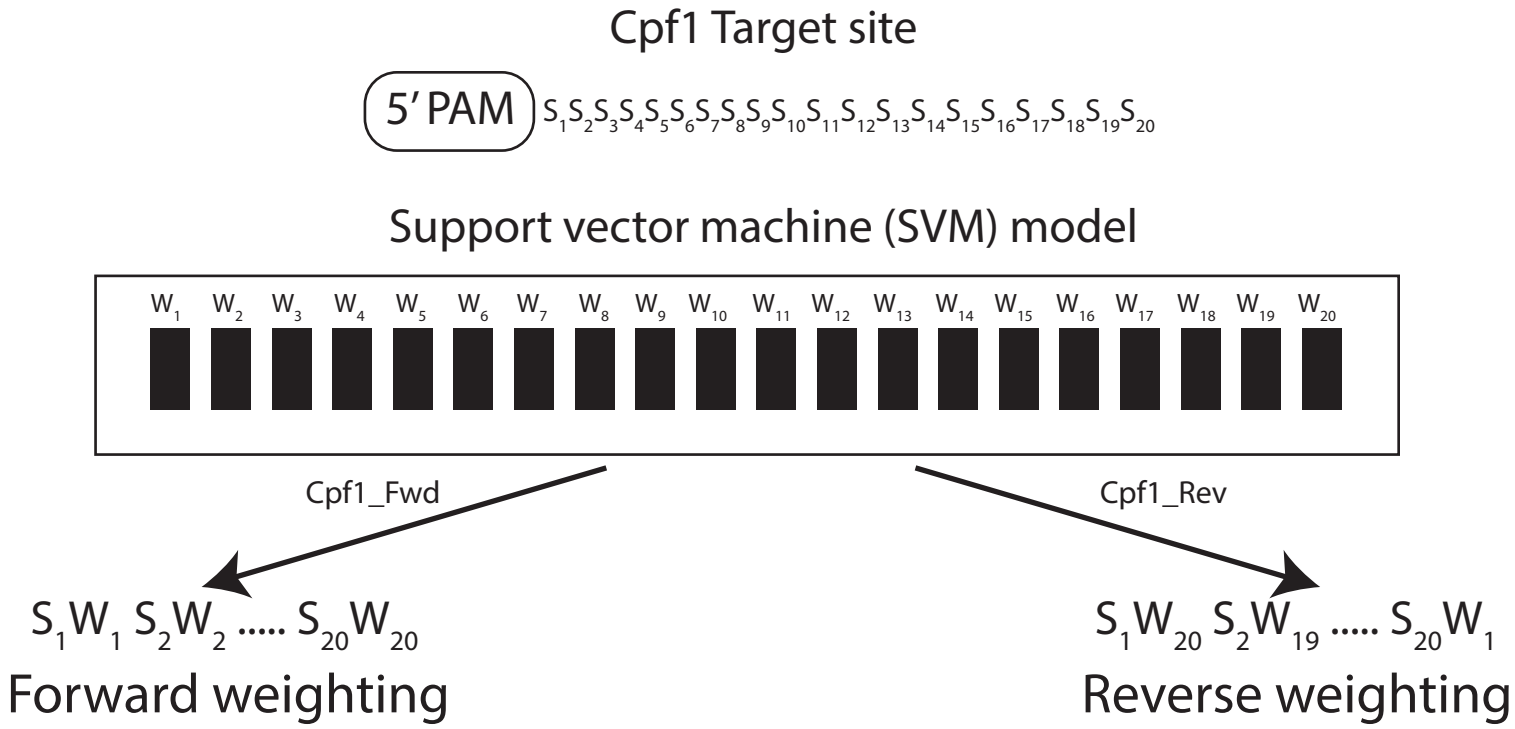
A


Cpf1 (Fwd)
p = 0.49
Mutation rate - NHEJ (%)
20
15
10
5
0
TKTL2
MFHAS1
ELAVL1
TFAP2D
CTSK
ZNF8
POLR2K
CEP350
KIAA1919
GAN
MAF
MLF2
OR4K17
PGBD2
CHRM3
EPC2
TTC9
FADS2

B


Cpf1 Target site
5' PAM
$S_1S_2S_3S_4S_5S_6S_7S_8S_9S_{10}S_{11}S_{12}S_{13}S_{14}S_{15}S_{16}S_{17}S_{18}S_{19}S_{20}$
Support vector machine (SVM) model
W_1 W_2 W_3 W_4 W_5 W_6 W_7 W_8 W_9 W_{10} W_{11} W_{12} W_{13} W_{14} W_{15} W_{16} W_{17} W_{18} W_{19} W_{20}
Cpf1_Fwd
Cpf1_Rev
S_1W_1 S_2W_2 ..... $S_{20}W_{20}$
Forward weighting
S_1W_{20} S_2W_{19} ..... $S_{20}W_1$
Reverse weighting