

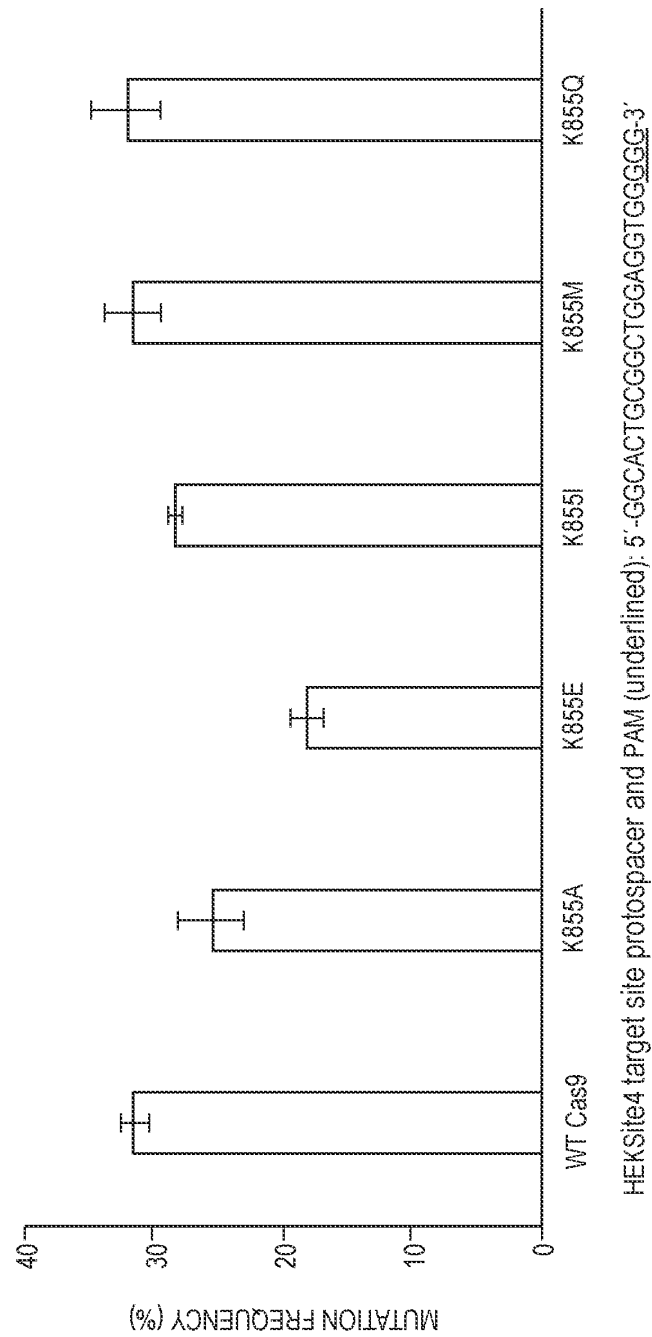


FIG. 1A

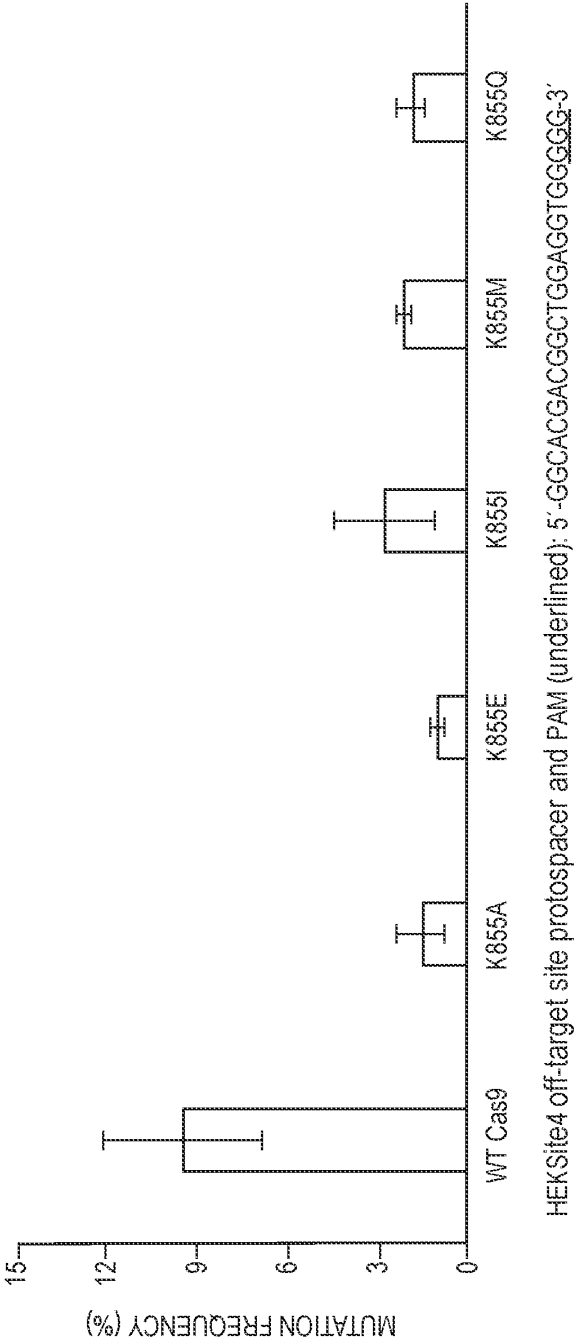


FIG. 1B

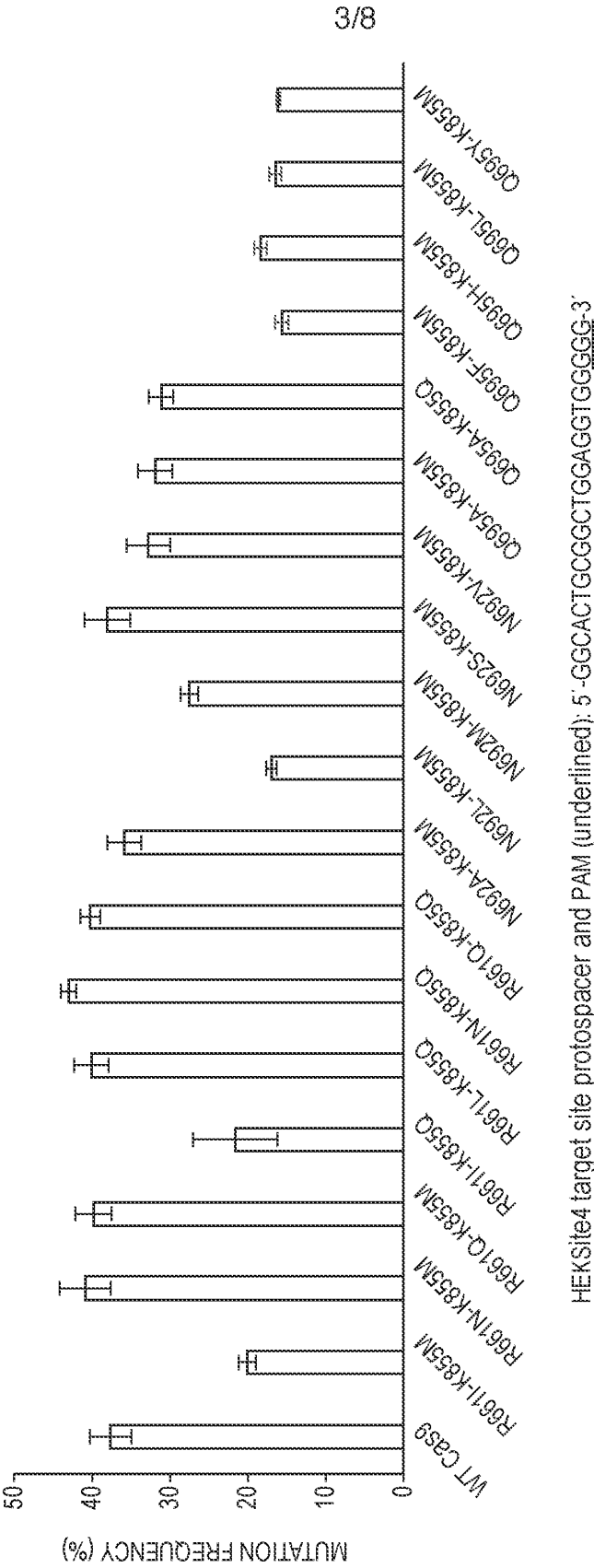


FIG. 2

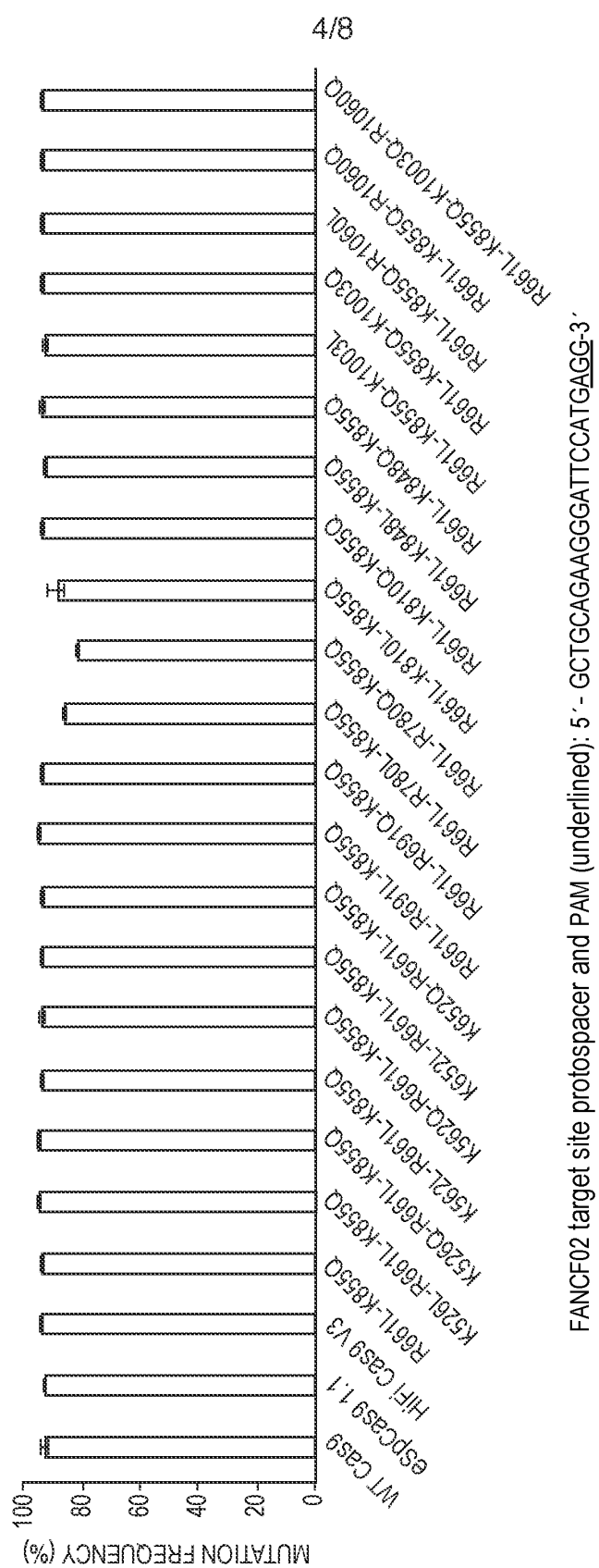


FIG. 3A

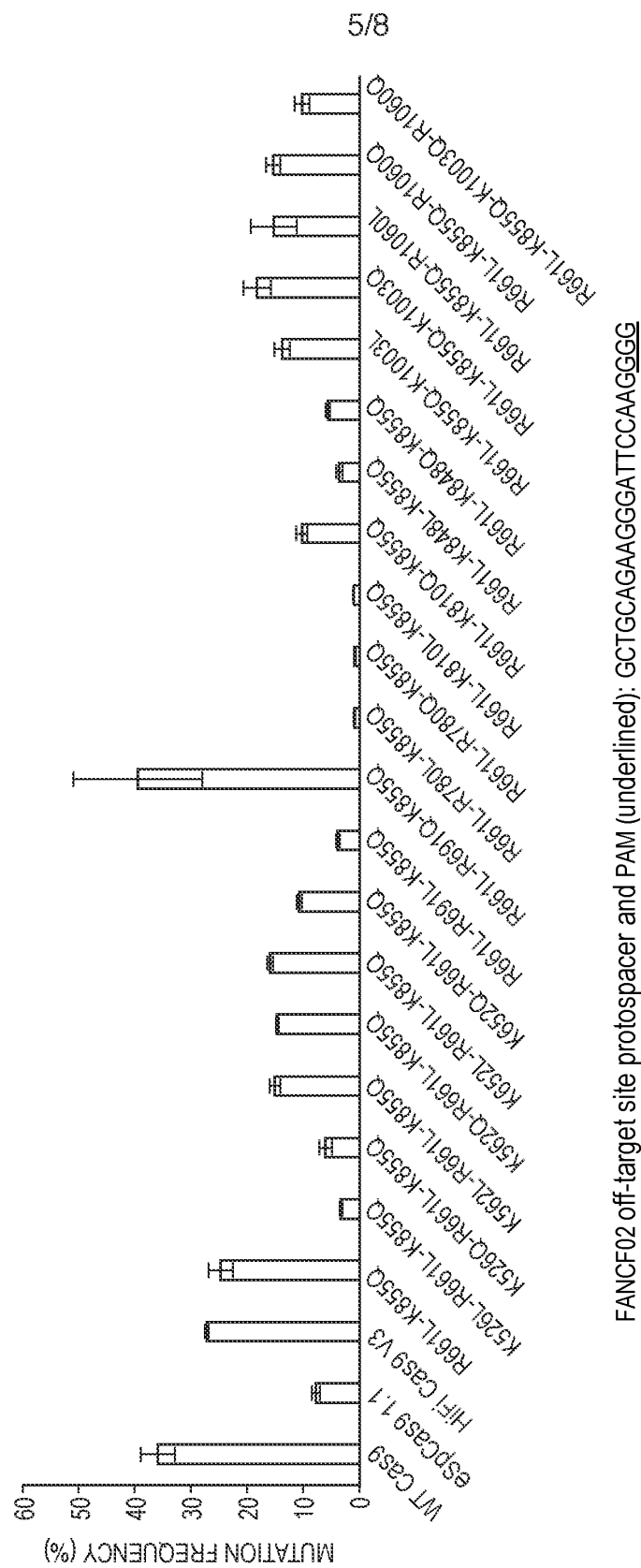


FIG. 3B

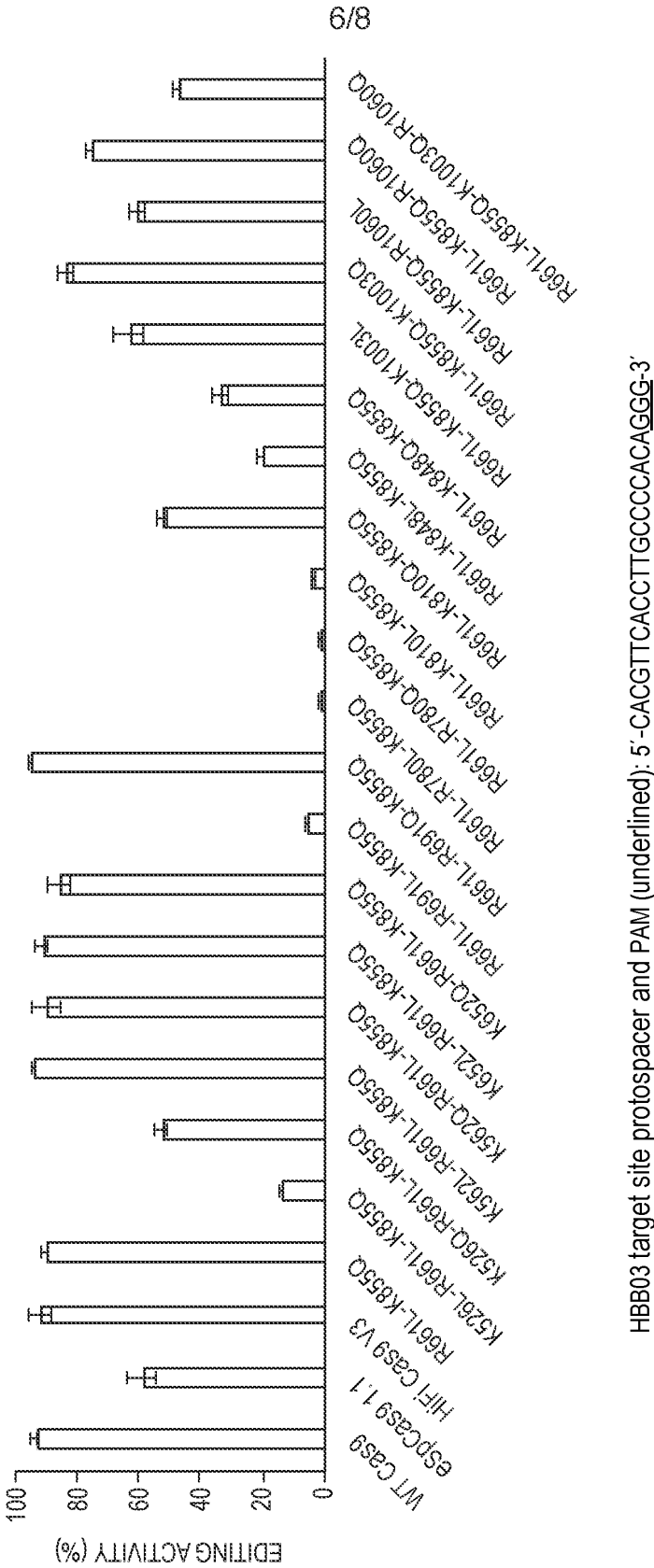
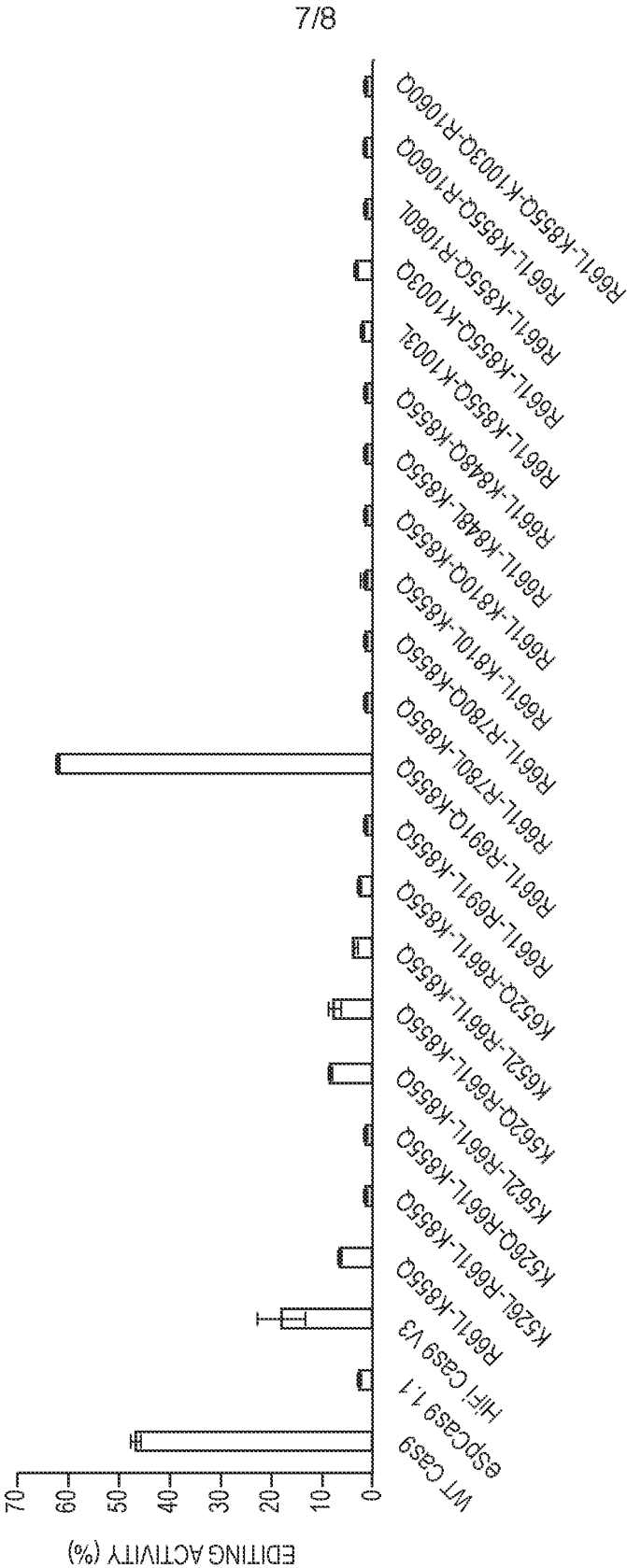
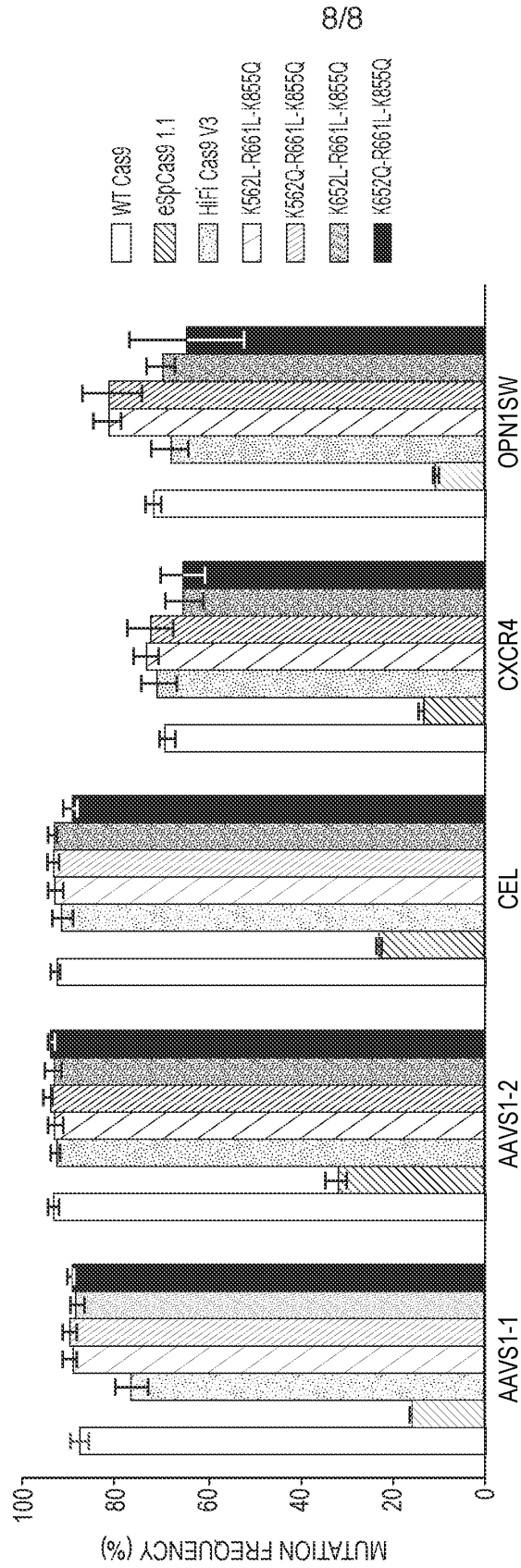


FIG. 3C



HB03 off-target site protospacer and PAM (underlined): 5'-CAGTTCACTTTGCCCCACAGGG-3'

FIG. 3D



AAVS1-1 TARGET SITE PROTOPACER AND PAM (UNDERLINED): 5'-CTCCCTCCAGGATCCTCTCTGG-3'
AAVS1-2 TARGET SITE PROTOPACER AND PAM (UNDERLINED): 5'-GCCAGTAGCCAGCCCCGTCCIGG-3'
CEL TARGET SITE PROTOPACER AND PAM (UNDERLINED): 5'-CAGGCAGTCTTCATCCCCGTAGG-3'
CXCR4 TARGET SITE PROTOPACER AND PAM (UNDERLINED): 5'-GAAGCGTGATGACAAAGAGGAGG-3'
OPN1SW TARGET SITE PROTOPACER AND PAM (UNDERLINED): 5'-ATTCTGGTCAACGTGTCCTTCGG-3'

FIG. 4