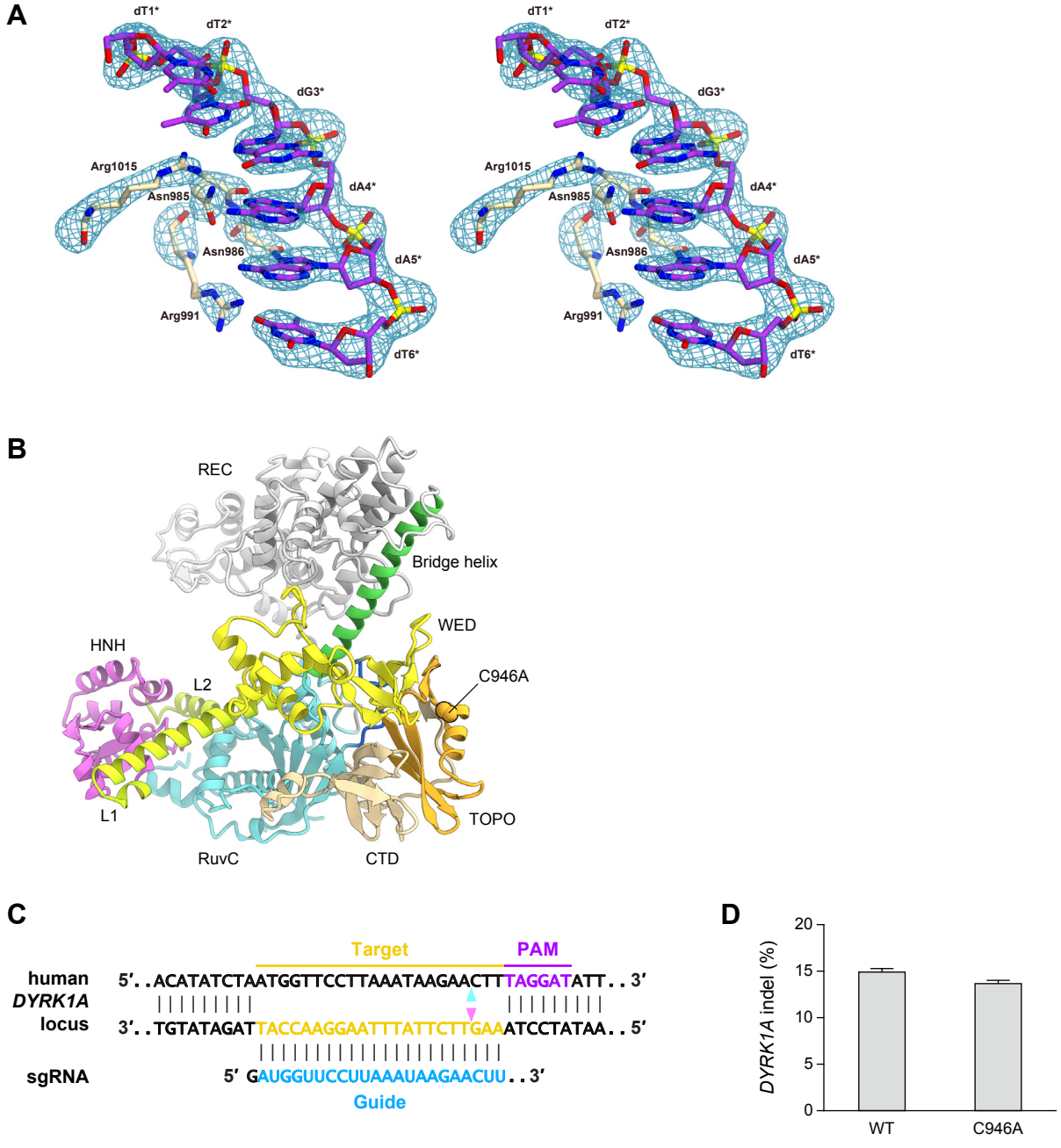
A
dT1*
dT2*
dG3*
Arg1015
Asn985
dA4*
Asn986
dA5*
Arg991
dT6*
B
REC
Bridge helix
WED
HNH
L2
C946A
L1
TOPO
RuvC
CTD
C
Target
PAM
human
DYRK1A
locus
5'..ACATATCTAATGGTTCCTTAAATAAGAACTTTAGGATATT..3'
3'..TGTATAGATTACCAAGGAATTTATTCTTGAAATCCTATAA..5'
sgRNA
5' GAUGGUUCCUUAAAUAAGAACUU..3'
Guide
D
DYRK1A indel (%)
20
15
10
5
0
WT
C946A

Figure S1