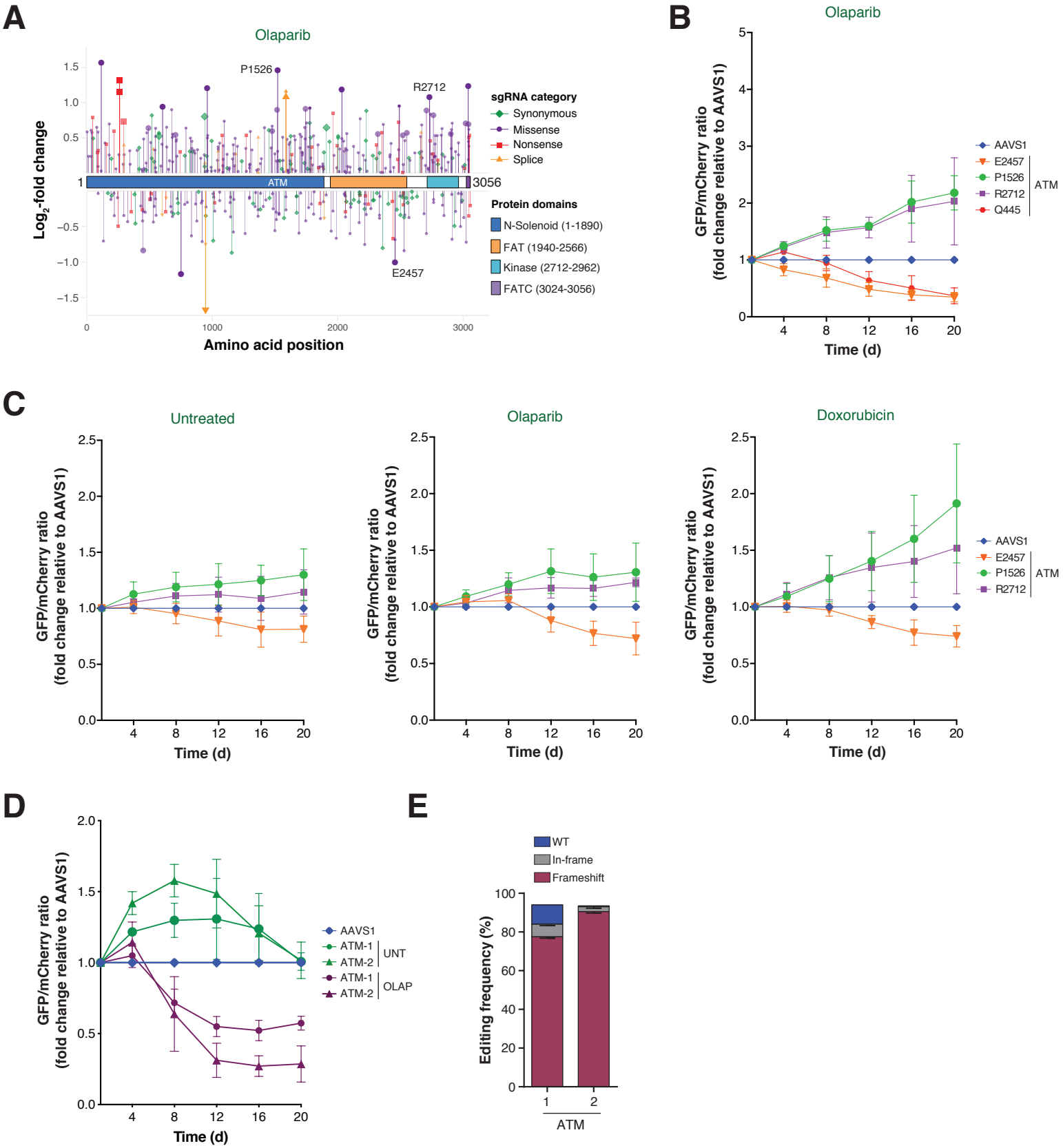
A
Olaparib
P1526
R2712
E2457
ATM
3056
Log2-fold change
Amino acid position
sgRNA category
Synonymous
Missense
Nonsense
Splice
Protein domains
N-Solenoid (1-1890)
FAT (1940-2566)
Kinase (2712-2962)
FATC (3024-3056)
B
Olaparib
GFP/mCherry ratio (fold change relative to AAVS1)
Time (d)
AAVS1
E2457
P1526
R2712
Q445
ATM
C
Untreated
Olaparib
Doxorubicin
GFP/mCherry ratio (fold change relative to AAVS1)
Time (d)
AAVS1
E2457
P1526
R2712
ATM
D
GFP/mCherry ratio (fold change relative to AAVS1)
Time (d)
AAVS1
ATM-1
ATM-2
UNT
ATM-1
ATM-2
OLAP
E
WT
In-frame
Frameshift
Editing frequency (%)
ATM

Figure S3