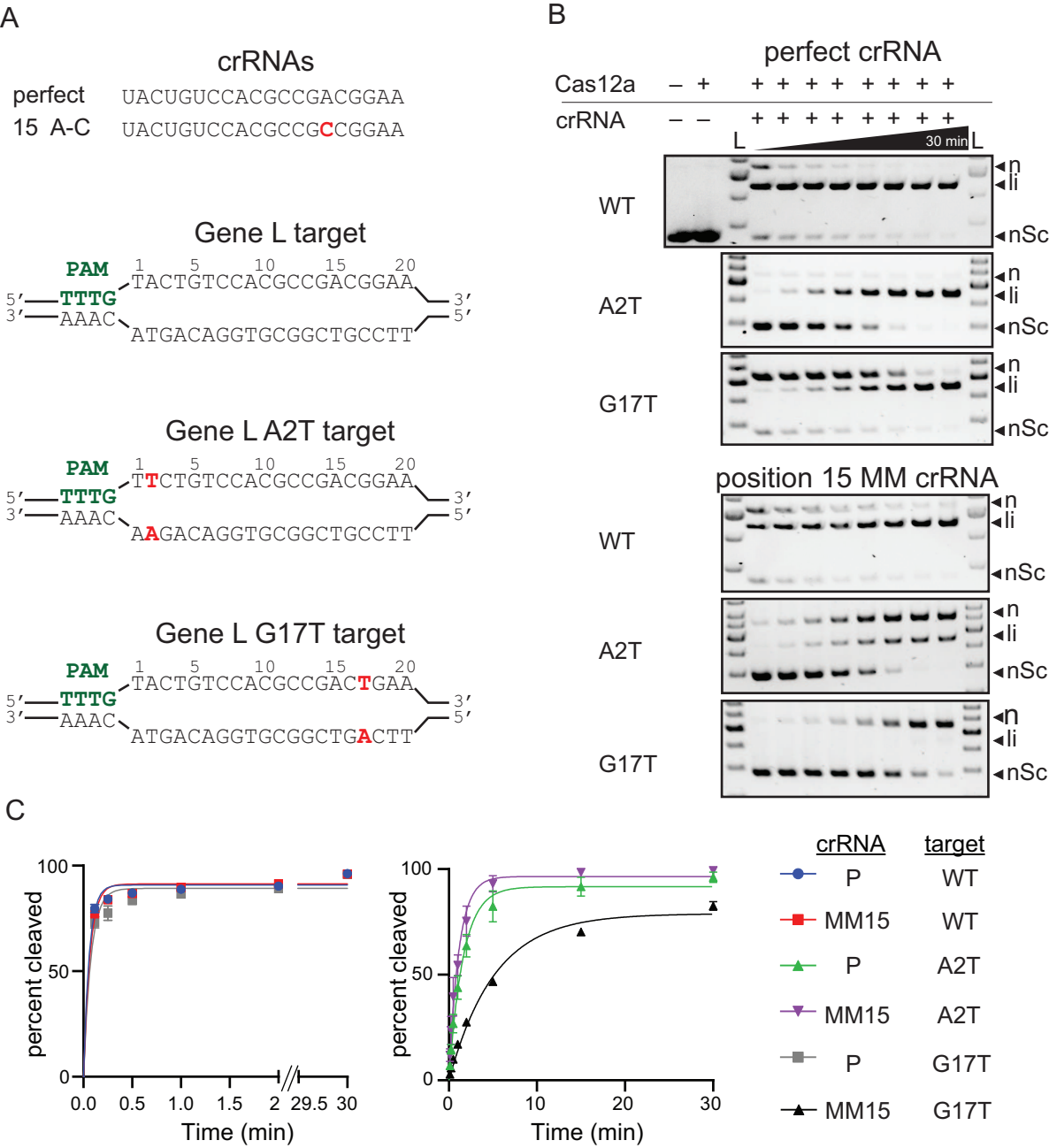
A
crRNAs
perfect UACUGUCCACGCCGACGGAA
15 A-C UACUGUCCACGCCGCCGGAA
Gene L target
PAM 1 5 10 15 20
TTTG TACTGTCCACGCCGACGGAA
AAAC ATGACAGGTGCGGCTGCCTT
Gene L A2T target
TTCTGTCCACGCCGACGGAA
AAGACAGGTGCGGCTGCCTT
Gene L G17T target
TACTGTCCACGCCGACTGAA
ATGACAGGTGCGGCTGACTT
B
perfect crRNA
Cas12a
crRNA
L
30 min
WT
A2T
G17T
n
li
nSc
position 15 MM crRNA
C
percent cleaved
Time (min)
crRNA
target
P WT
MM15 WT
P A2T
MM15 A2T
P G17T
MM15 G17T