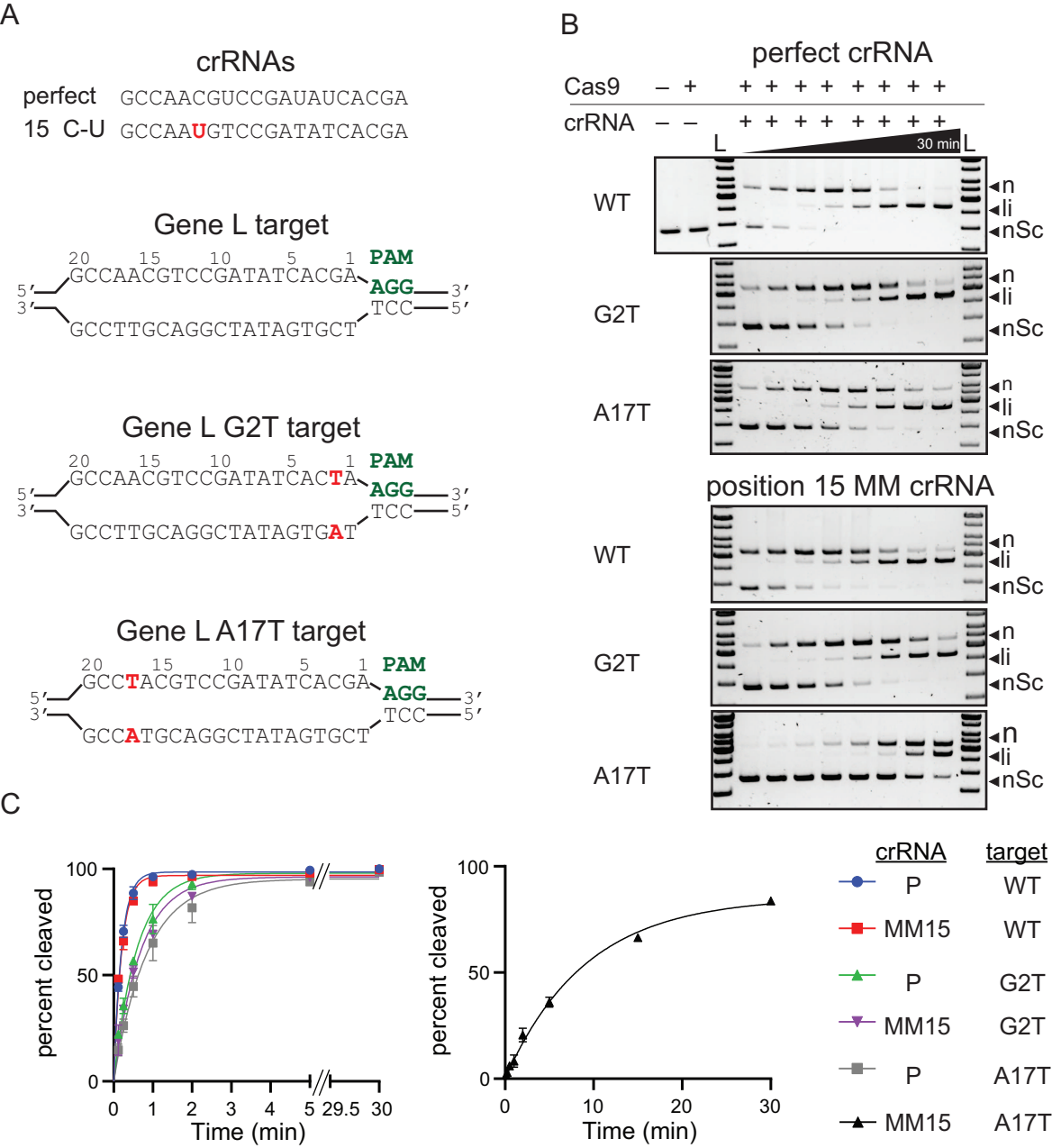
A
crRNAs
perfect GCCAACGUCCGAUAUCACGA
15 C-U GCCAAUGTCCGATATCACGA
Gene L target
20 15 10 5 1 PAM
GCCAACGTCCGATATCACGA
AGG
TCC
GCCTTGCAGGCTATAGTGCT
Gene L G2T target
GCCAACGTCCGATATCACTA
GCCTTGCAGGCTATAGTGAT
Gene L A17T target
GCCTACGTCCGATATCACGA
GCCATGCAGGCTATAGTGCT
B
perfect crRNA
Cas9
crRNA
L
30 min
WT
G2T
A17T
n
li
nSc
position 15 MM crRNA
C
percent cleaved
Time (min)
crRNA
target
P
MM15
WT
G2T
A17T