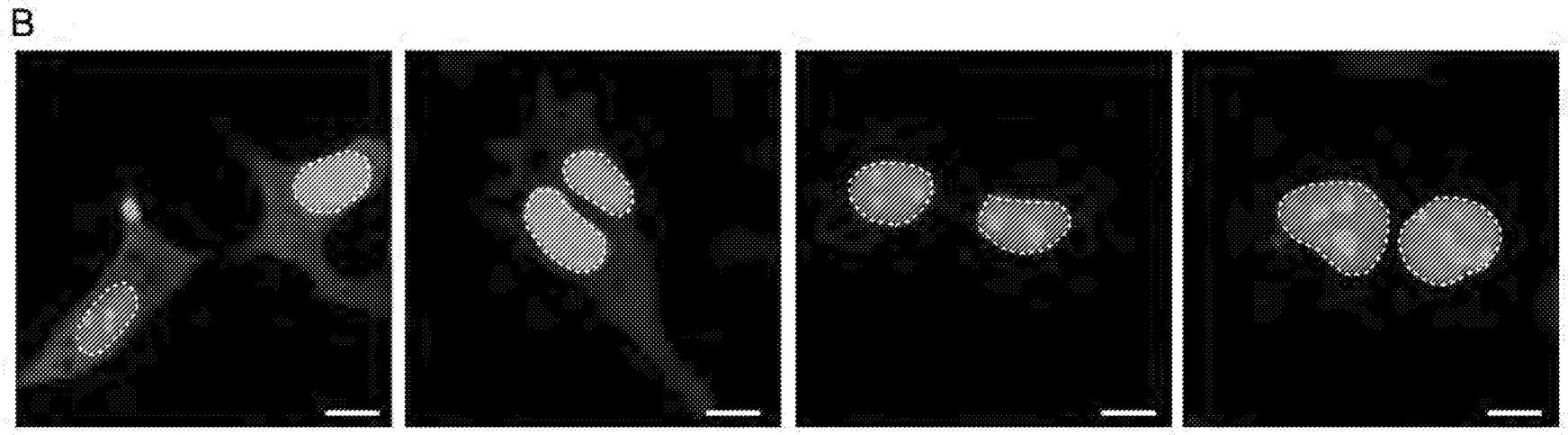
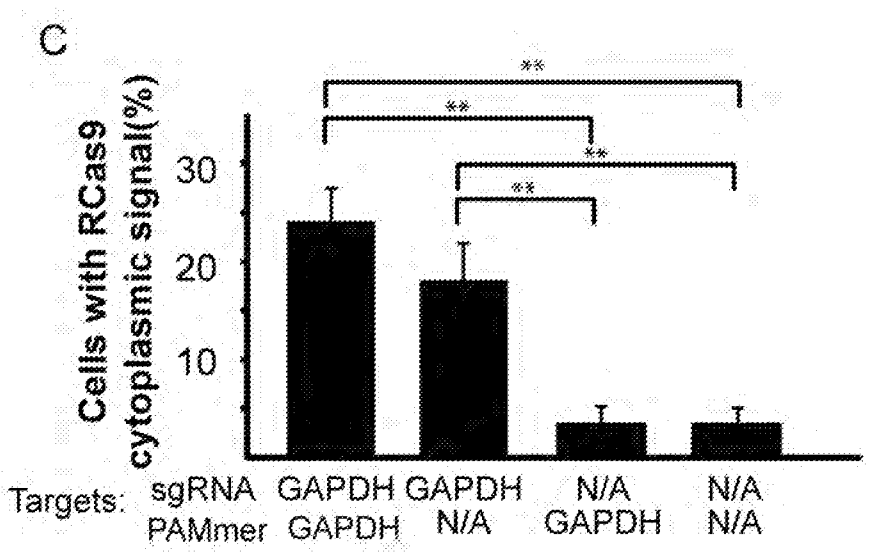

B


C
Cells with RCas9 cytoplasmic signal(%)
30
20
10
**
**
**
**
Targets:
sgRNA PAMmer
GAPDH GAPDH
GAPDH N/A
N/A GAPDH
N/A N/A

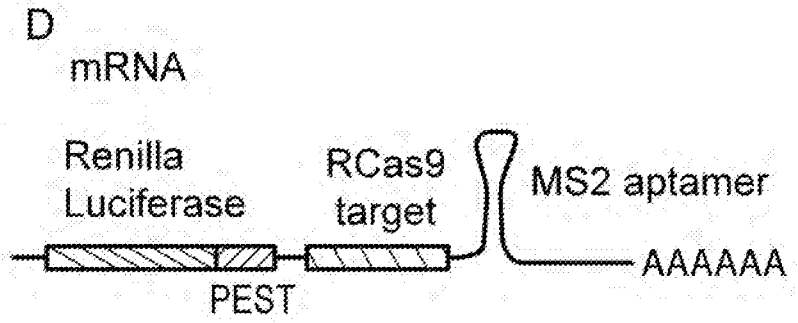

D
mRNA
Renilla Luciferase
RCas9 target
MS2 aptamer
AAAAAA
PEST

FIG. 3 (Cont.)

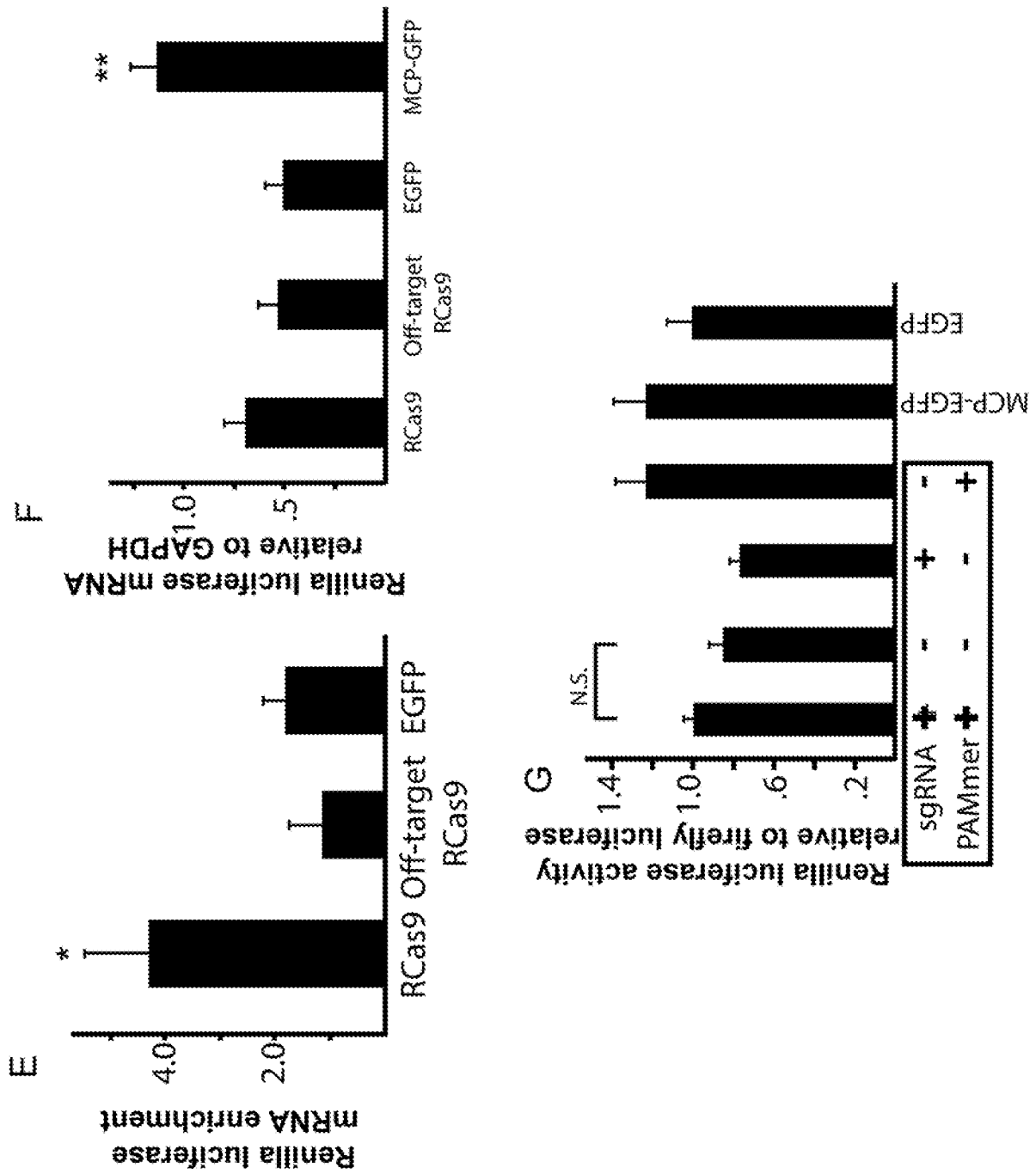

E
Renilla luciferase mRNA enrichment
4.0
2.0
*
RCas9
Off-target RCas9
EGFP
F
Renilla luciferase mRNA relative to GAPDH
1.0
.5
**
RCas9
Off-target RCas9
EGFP
MCP-GFP
G
Renilla luciferase activity relative to firefly luciferase
1.4
1.0
.6
.2
N.S.
sgRNA
PAMmer
MCP-EGFP
EGFP

FIG. 3 (Cont.)