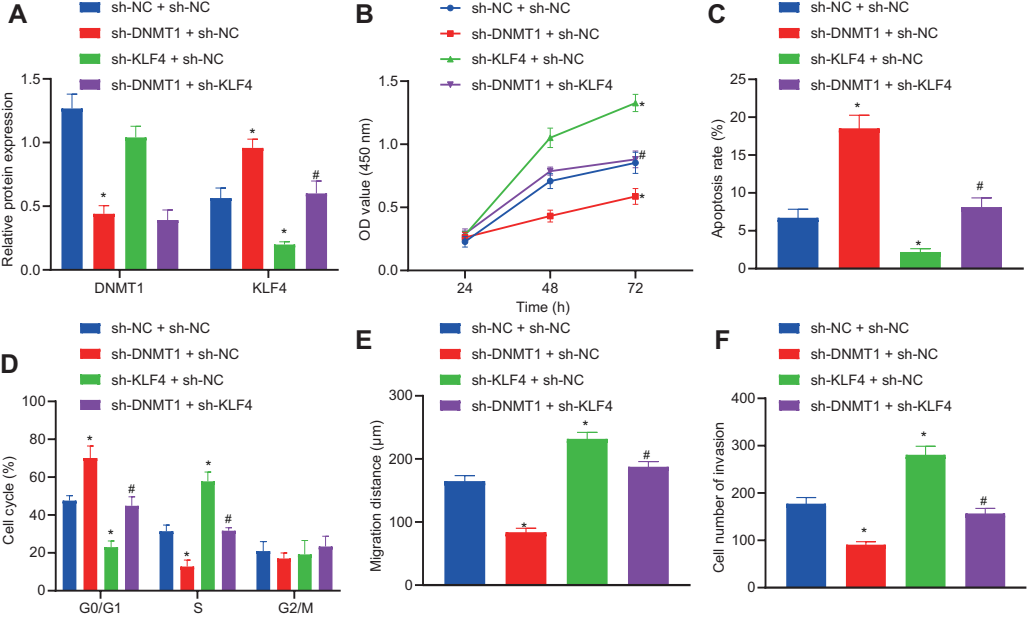
A
sh-NC + sh-NC
sh-DNMT1 + sh-NC
sh-KLF4 + sh-NC
sh-DNMT1 + sh-KLF4
Relative protein expression
1.5
1.0
0.5
0.0
DNMT1
KLF4
B
sh-NC + sh-NC
sh-DNMT1 + sh-NC
sh-KLF4 + sh-NC
sh-DNMT1 + sh-KLF4
OD value (450 nm)
1.5
1.0
0.5
0.0
24
48
72
Time (h)
C
sh-NC + sh-NC
sh-DNMT1 + sh-NC
sh-KLF4 + sh-NC
sh-DNMT1 + sh-KLF4
Apoptosis rate (%)
25
20
15
10
5
0
D
sh-NC + sh-NC
sh-DNMT1 + sh-NC
sh-KLF4 + sh-NC
sh-DNMT1 + sh-KLF4
Cell cycle (%)
100
80
60
40
20
0
G0/G1
S
G2/M
E
sh-NC + sh-NC
sh-DNMT1 + sh-NC
sh-KLF4 + sh-NC
sh-DNMT1 + sh-KLF4
Migration distance (μm)
300
200
100
0
F
sh-NC + sh-NC
sh-DNMT1 + sh-NC
sh-KLF4 + sh-NC
sh-DNMT1 + sh-KLF4
Cell number of invasion
400
300
200
100
0