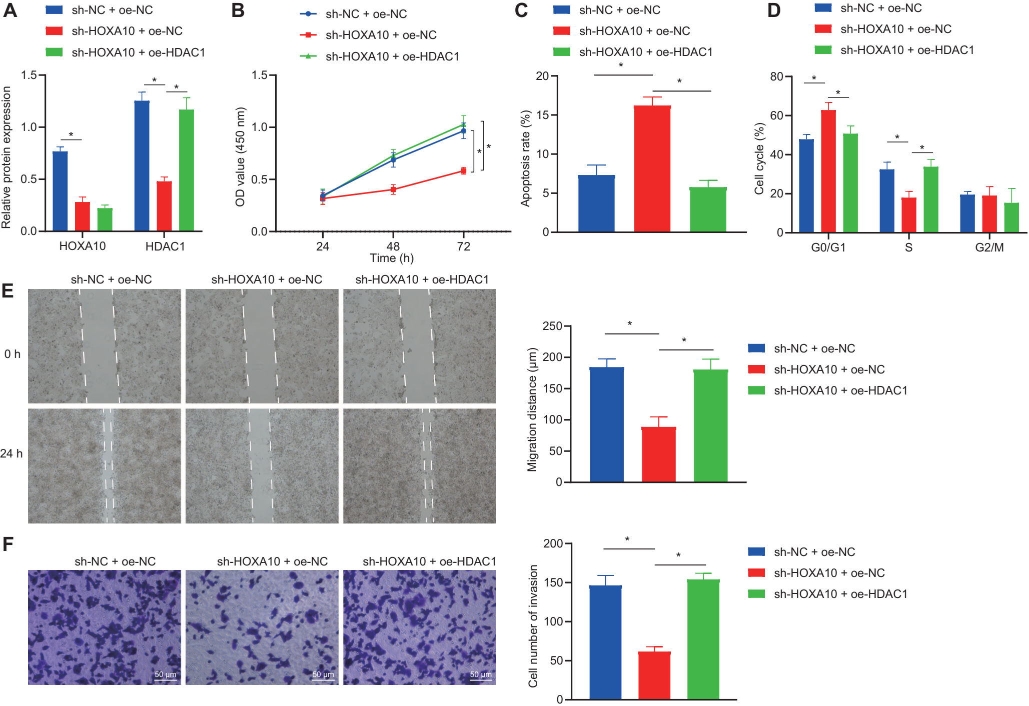
A
sh-NC + oe-NC
sh-HOXA10 + oe-NC
sh-HOXA10 + oe-HDAC1
Relative protein expression
1.5
1.0
0.5
0.0
*
*
*
HOXA10
HDAC1
B
sh-NC + oe-NC
sh-HOXA10 + oe-NC
sh-HOXA10 + oe-HDAC1
OD value (450 nm)
1.5
1.0
0.5
0.0
24
48
72
Time (h)
*
*
C
sh-NC + oe-NC
sh-HOXA10 + oe-NC
sh-HOXA10 + oe-HDAC1
Apoptosis rate (%)
20
15
10
5
0
*
*
D
sh-NC + oe-NC
sh-HOXA10 + oe-NC
sh-HOXA10 + oe-HDAC1
Cell cycle (%)
80
60
40
20
0
*
*
*
*
G0/G1
S
G2/M
E
sh-NC + oe-NC
sh-HOXA10 + oe-NC
sh-HOXA10 + oe-HDAC1
0 h
24 h
Migration distance (μm)
250
200
150
100
50
0
*
*
sh-NC + oe-NC
sh-HOXA10 + oe-NC
sh-HOXA10 + oe-HDAC1
F
sh-NC + oe-NC
sh-HOXA10 + oe-NC
sh-HOXA10 + oe-HDAC1
50 μm
50 μm
50 μm
Cell number of invasion
200
150
100
50
0
*
*
sh-NC + oe-NC
sh-HOXA10 + oe-NC
sh-HOXA10 + oe-HDAC1