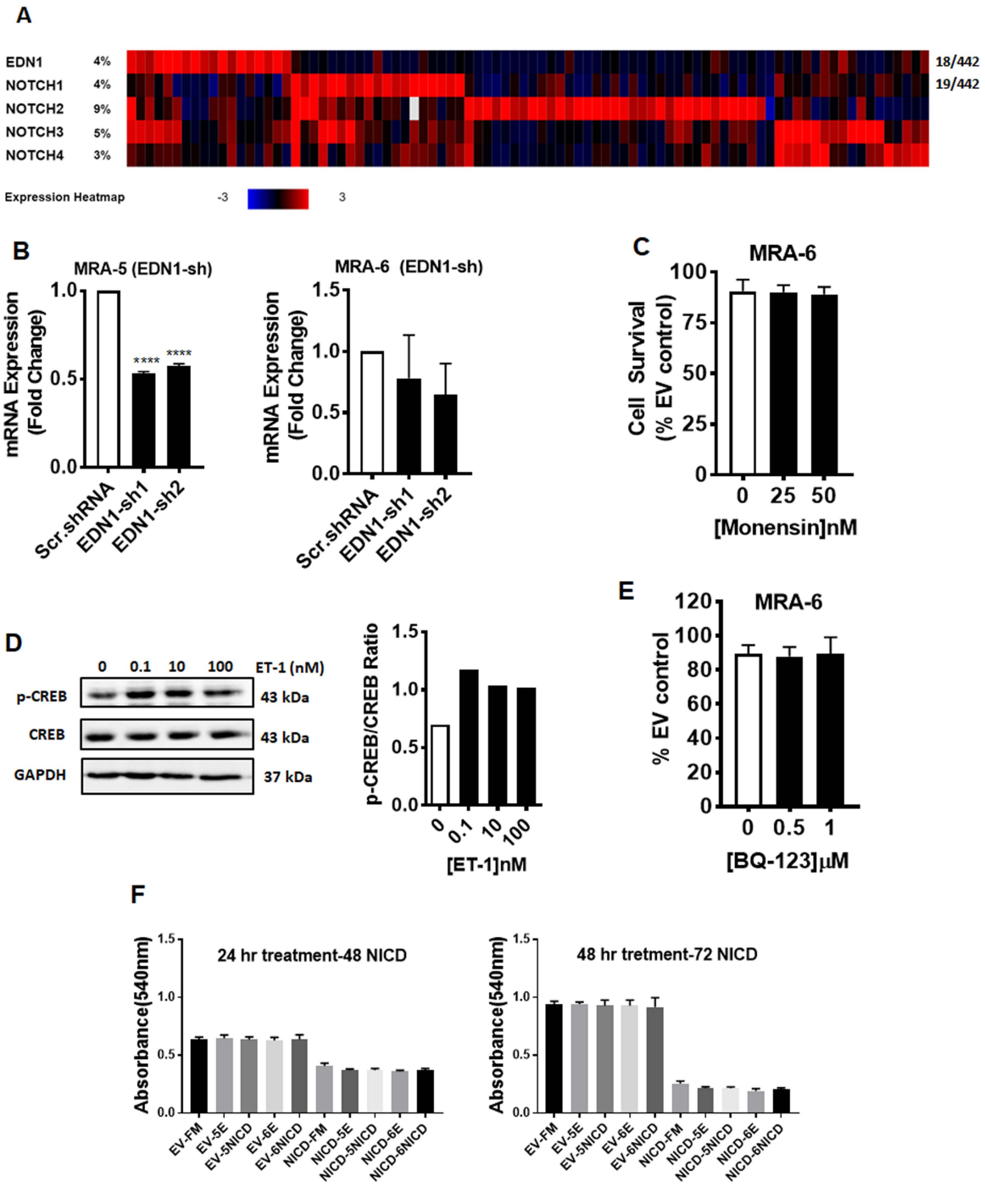
Fig. S6


A
EDN1 4%
NOTCH1 4%
NOTCH2 9%
NOTCH3 5%
NOTCH4 3%
18/442
19/442
Expression Heatmap
-3
3
B
MRA-5 (EDN1-sh)
mRNA Expression (Fold Change)
1.0
0.5
0.0
****
****
Scr.shRNA
EDN1-sh1
EDN1-sh2
MRA-6 (EDN1-sh)
mRNA Expression (Fold Change)
1.5
1.0
0.5
0.0
Scr.shRNA
EDN1-sh1
EDN1-sh2
C
MRA-6
Cell Survival (% EV control)
100
75
50
25
0
0
25
50
[Monensin]nM
D
0
0.1
10
100
ET-1 (nM)
p-CREB
43 kDa
CREB
43 kDa
GAPDH
37 kDa
p-CREB/CREB Ratio
1.5
1.0
0.5
0.0
0
0.1
10
100
[ET-1]nM
E
MRA-6
% EV control
120
100
80
60
40
20
0
0
0.5
1
[BQ-123]μM
F
24 hr treatment-48 NICD
Absorbance(540nm)
1.5
1.0
0.5
0.0
EV-FM
EV-5E
EV-5NICD
EV-6E
EV-6NICD
NICD-FM
NICD-5E
NICD-5NICD
NICD-6E
NICD-6NICD
48 hr tretment-72 NICD
Absorbance(540nm)
1.5
1.0
0.5
0.0
EV-FM
EV-5E
EV-5NICD
EV-6E
EV-6NICD
NICD-FM
NICD-5E
NICD-5NICD
NICD-6E
NICD-6NICD