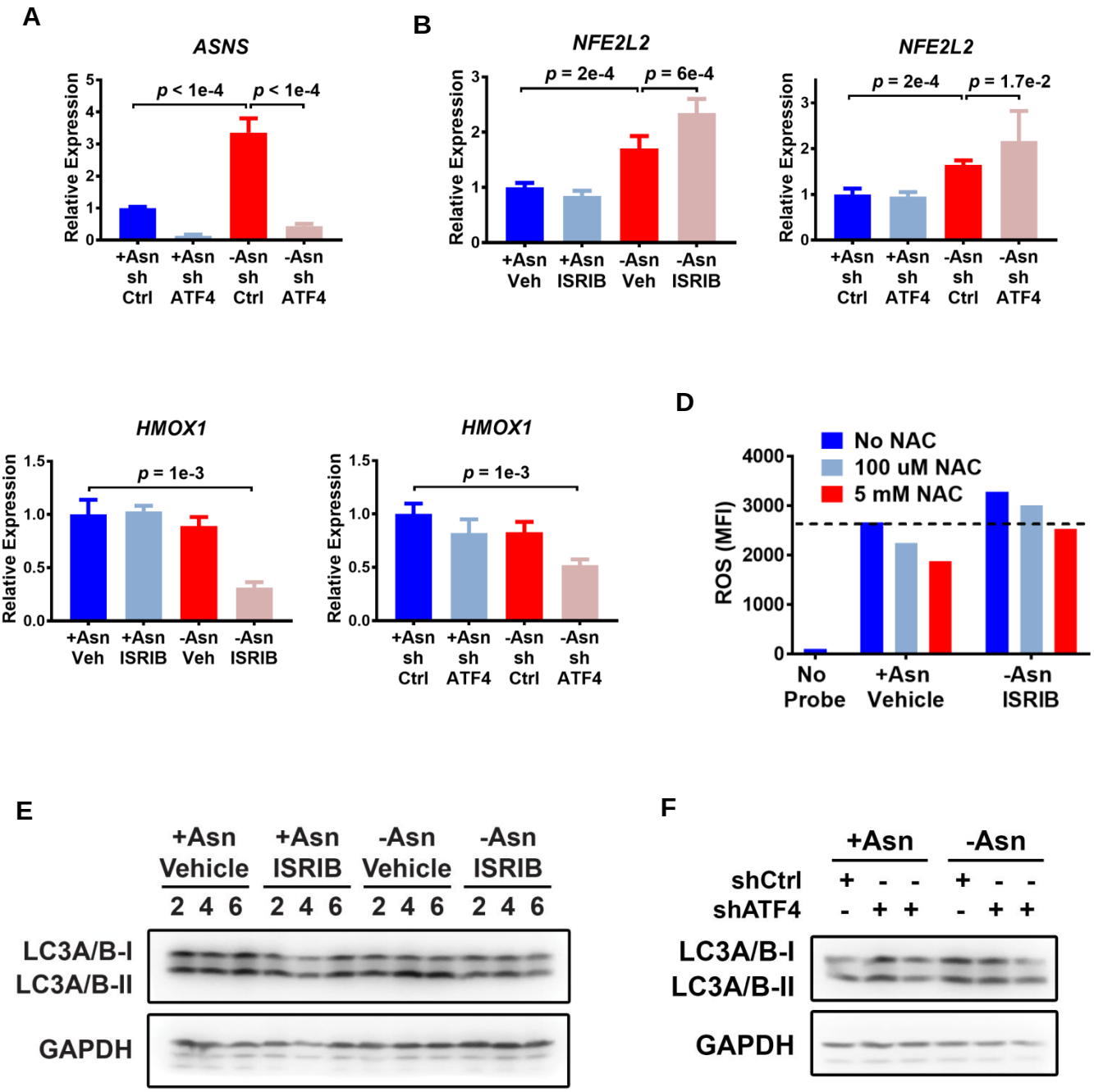
A
ASNS
Relative Expression
p < 1e-4
p < 1e-4
+Asn sh Ctrl
+Asn sh ATF4
-Asn sh Ctrl
-Asn sh ATF4
B
NFE2L2
p = 2e-4
p = 6e-4
+Asn Veh
+Asn ISRIB
-Asn Veh
-Asn ISRIB
NFE2L2
p = 2e-4
p = 1.7e-2
C
HMOX1
p = 1e-3
HMOX1
p = 1e-3
D
No NAC
100 uM NAC
5 mM NAC
ROS (MFI)
No Probe
+Asn Vehicle
-Asn ISRIB
E
+Asn Vehicle
+Asn ISRIB
-Asn Vehicle
-Asn ISRIB
2 4 6 2 4 6 2 4 6 2 4 6
LC3A/B-I
LC3A/B-II
GAPDH
F
+Asn
-Asn
shCtrl
shATF4
LC3A/B-I
LC3A/B-II
GAPDH

Figure S3