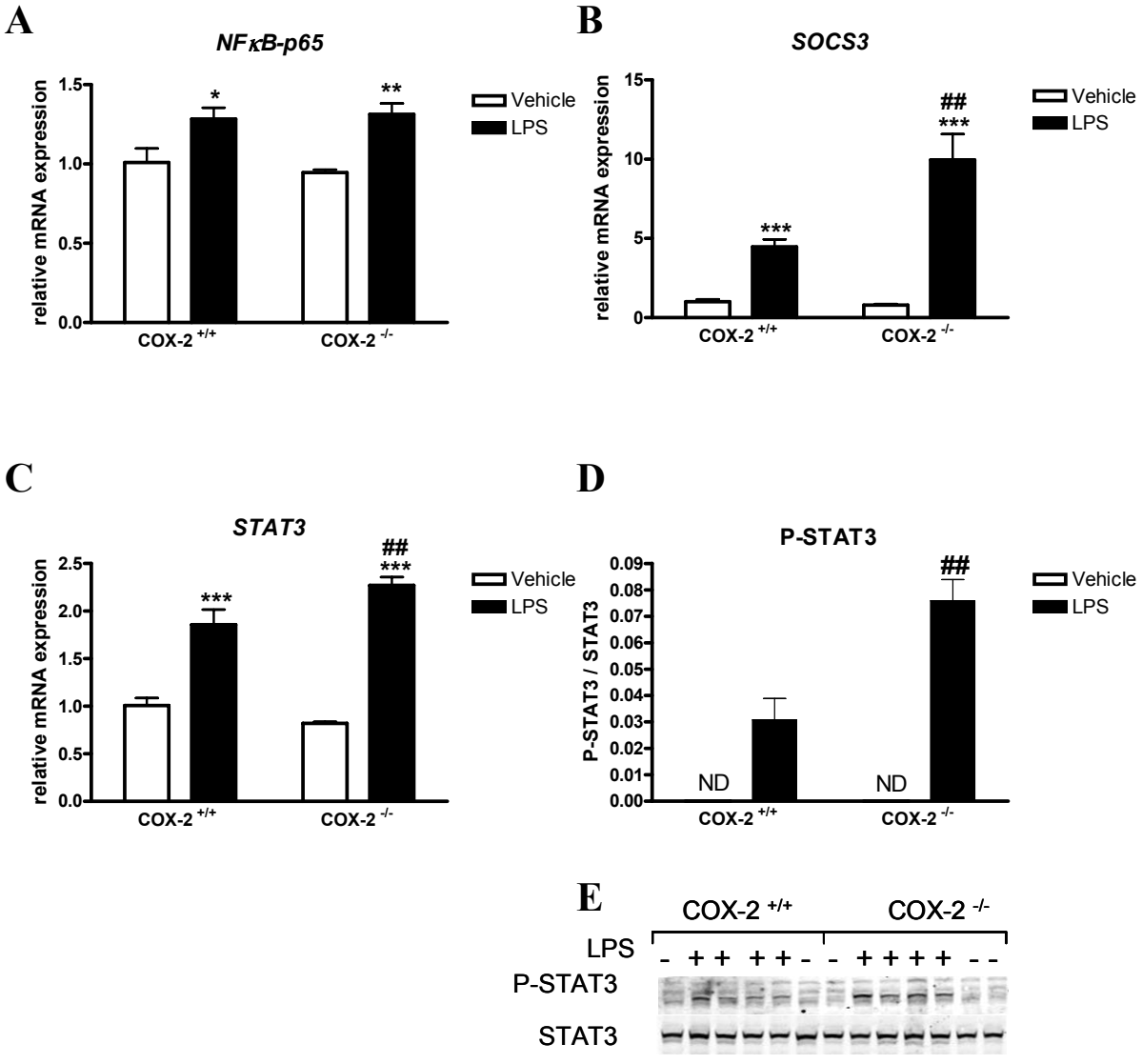
A
NFκB-p65
relative mRNA expression
1.5
1.0
0.5
0.0
*
**
Vehicle
LPS
COX-2 +/+
COX-2 -/-
B
SOCS3
relative mRNA expression
15
10
5
0
##
***
***
Vehicle
LPS
COX-2 +/+
COX-2 -/-
C
STAT3
relative mRNA expression
2.5
2.0
1.5
1.0
0.5
0.0
***
##
***
Vehicle
LPS
COX-2 +/+
COX-2 -/-
D
P-STAT3
P-STAT3 / STAT3
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
##
ND
ND
Vehicle
LPS
COX-2 +/+
COX-2 -/-
E
COX-2 +/+
COX-2 -/-
LPS
- + + + + - - + + + + - -
P-STAT3
STAT3