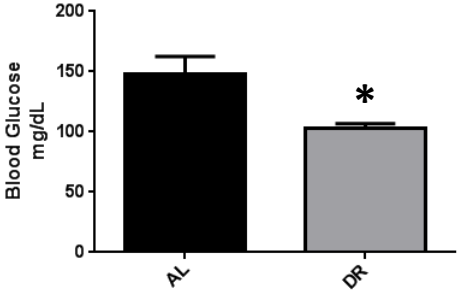
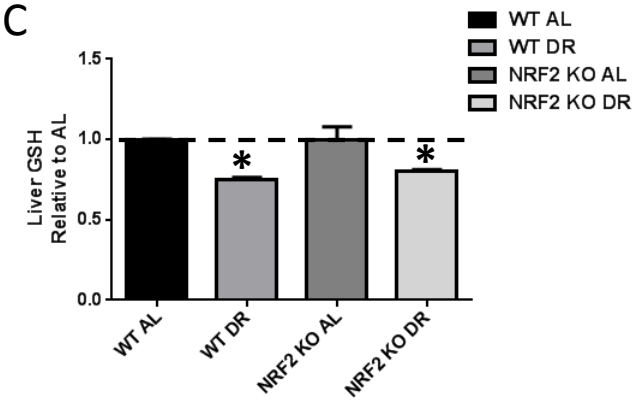
A


Blood Glucose
mg/dL
200
150
100
50
0
*
AL
DR

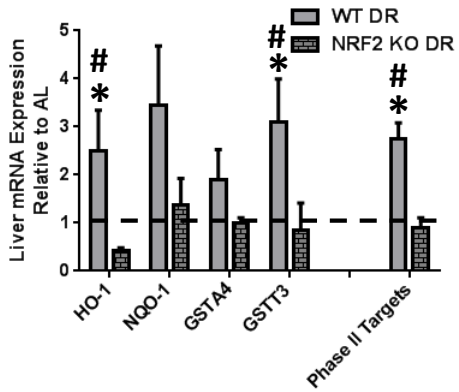
B

AL
AL + NAC
DR
DR + NAC

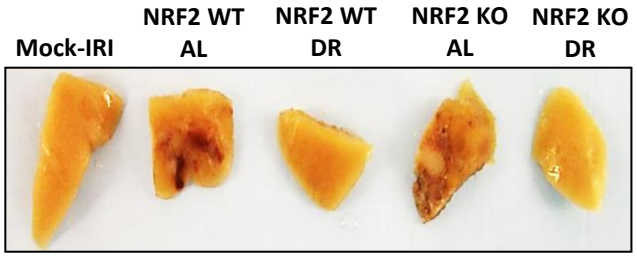
C


WT AL
WT DR
NRF2 KO AL
NRF2 KO DR
Liver GSH
Relative to AL
1.5
1.0
0.5
0.0
*
*
WT AL
WT DR
NRF2 KO AL
NRF2 KO DR

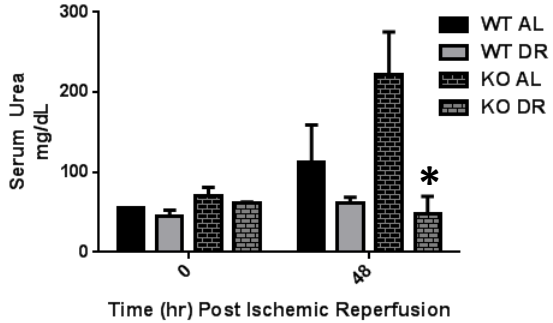
D


WT DR
NRF2 KO DR
Liver mRNA Expression
Relative to AL
5
4
3
2
1
0
#
*
#
*
#
*
HO-1
NQO-1
GSTA4
GSTT3
Phase II Targets

E


Mock-IRI
NRF2 WT AL
NRF2 WT DR
NRF2 KO AL
NRF2 KO DR

F


WT AL
WT DR
KO AL
KO DR
Serum Urea
mg/dL
300
200
100
0
*
0
48
Time (hr) Post Ischemic Reperfusion