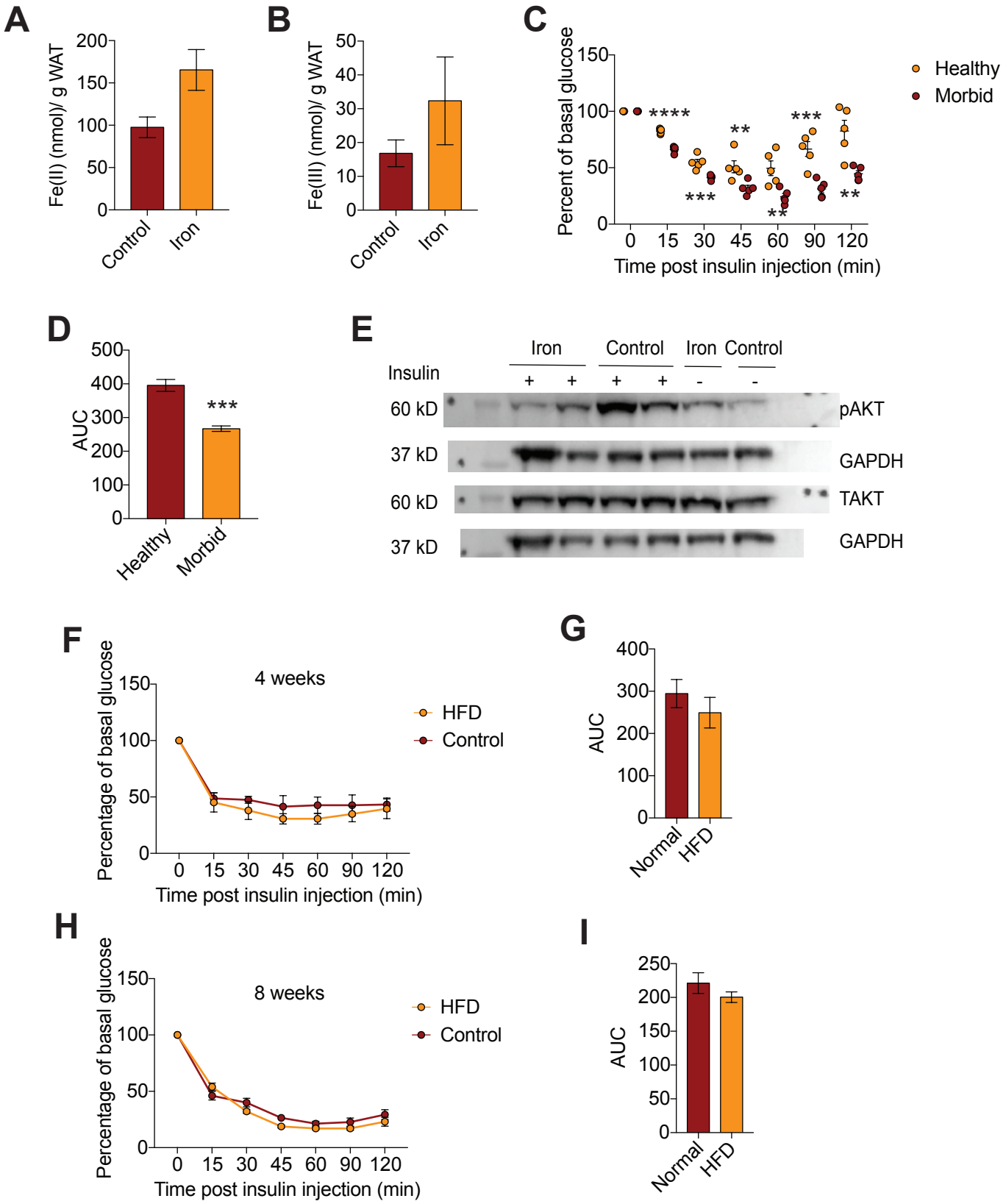
Figure S5


A
Fe(II) (nmol)/ g WAT
200
150
100
50
0
Control
Iron
B
Fe(III) (nmol)/ g WAT
50
40
30
20
10
0
Control
Iron
C
Percent of basal glucose
150
100
50
0
****
***
**
***
**
**
0 15 30 45 60 90 120
Time post insulin injection (min)
Healthy
Morbid
D
AUC
500
400
300
200
100
0
***
Healthy
Morbid
E
Iron
Control
Iron
Control
Insulin
+ + + + - -
60 kD
pAKT
37 kD
GAPDH
60 kD
TAKT
37 kD
GAPDH
F
4 weeks
Percentage of basal glucose
150
100
50
0
0 15 30 45 60 90 120
Time post insulin injection (min)
HFD
Control
G
AUC
400
300
200
100
0
Normal
HFD
H
8 weeks
Percentage of basal glucose
150
100
50
0
0 15 30 45 60 90 120
Time post insulin injection (min)
HFD
Control
I
AUC
250
200
150
100
50
0
Normal
HFD