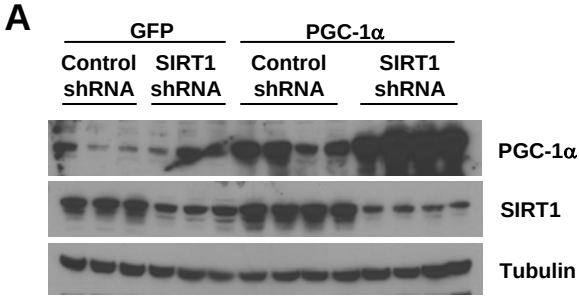
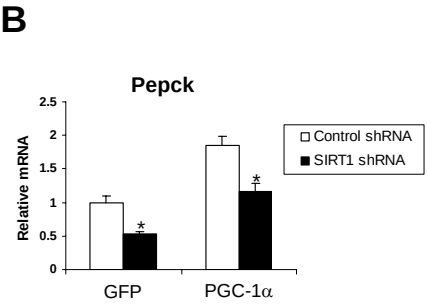
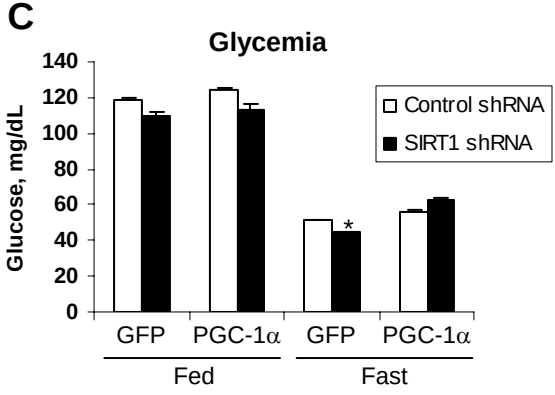
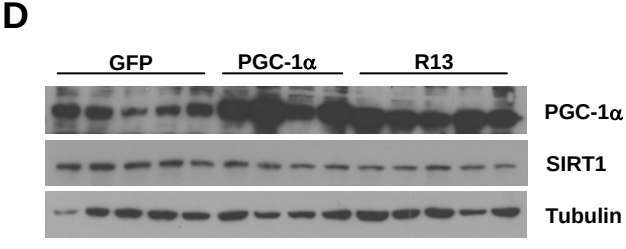
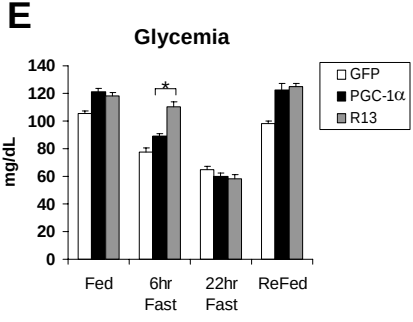

A
GFP
PGC-1α
Control shRNA
SIRT1 shRNA
Control shRNA
SIRT1 shRNA
PGC-1α
SIRT1
Tubulin


B
Pepck
Relative mRNA
2.5
2
1.5
1
0.5
0
Control shRNA
SIRT1 shRNA
*
*
GFP
PGC-1α


C
Glycemia
Glucose, mg/dL
140
120
100
80
60
40
20
0
Control shRNA
SIRT1 shRNA
*
GFP
PGC-1α
GFP
PGC-1α
Fed
Fast


D
GFP
PGC-1α
R13
PGC-1α
SIRT1
Tubulin


E
Glycemia
mg/dL
140
120
100
80
60
40
20
0
GFP
PGC-1α
R13
*
Fed
6hr Fast
22hr Fast
ReFed