A
7am
7pm
Perfusion
Lights ON
OFF
4h
ad libitum
B
Chow
HFF
TCPTP
Actin
MBH homogenates from individual mice
TCPTP/actin (fold)
***
Chow
HFF
C
Chow
Pomc-GFP
HFF
Pomc-GFP
TCPTP
GFP
TCPTP/GFP
III
TCPTP/GFP Coincidence (%)
Chow
HFF
Rostral (-1.22/-1.58mm)
Central-Caudal (-1.58/-2.18)
D
Chow
HFF
Ptpn2fl/fl
POMC-TC
Vehicle
Insulin
p-AKT
ARC
p-AKT counts/section (ARC)
Insulin (5 mU/g, 15 min, intraperitoneal)