A
rAAV-hM4Di-mCherry
GFP
mCherry
GFP/mCherry
Pomc-Cre;Pomc-GFP
III
%mCherry/GFP Coincidence
100
80
60
40
20
0
12
B
rAAV-hM3Dq-mCherry
GFP
mCherry
GFP/mCherry
Pomc-Cre;Pomc-GFP
III
%mCherry/GFP Coincidence
100
80
60
40
20
0
12
C
Glucose Tolerance Test
(2mg/g Glucose)
Blood Glucose (mM)
35
30
25
20
15
10
5
0
Vehicle (n=6)
2 x CNO, 6 h (n=6)
0 15 30 45 60 75 90 105 120
TIme (min)
D
Insulin Tolerance Test
(0.5mU/g Insulin)
Blood Glucose (mM)
20
15
10
5
Vehicle (n=6)
2 x CNO, 6 h (n=6)
0 15 30 45 60 75 90 105 120
TIme (min)
E
Pyruvate Tolerance Test
(1 mg/g Sodium Pyruvate)
Blood Glucose (mM)
12
10
8
6
4
2
Vehicle (n=6)
2 x CNO, 6 h (n=6)
0 15 30 45 60 75 90 105 120
TIme (min)