A
Fat mass
Percentage (%)
15
10
5
0
B
Food intake (g)
2.0
1.5
1.0
0.5
0.0
C
Pdgfra
Expression
1.2
0.9
0.6
0.3
0.0
*
Control
SMA-PDGFRα-KO
D
Energy Expenditure
Kcal/hr/(Kg Lean mass)^0.75
15
10
5
0
24h
Dark
Light
E
Oxygen Consumption
mL/min/(Kg Lean Mass)^0.75
40
30
20
10
0
24h
Dark
Light
F
Carbon Dioxide Production
mL/min/(Kg Lean Mass)^0.75
40
30
20
10
0
24h
Dark
Light
G
Respiratory Exchange Ratio
RER
1.0
0.8
0.6
0.4
0.2
0.0
24h
Dark
Light