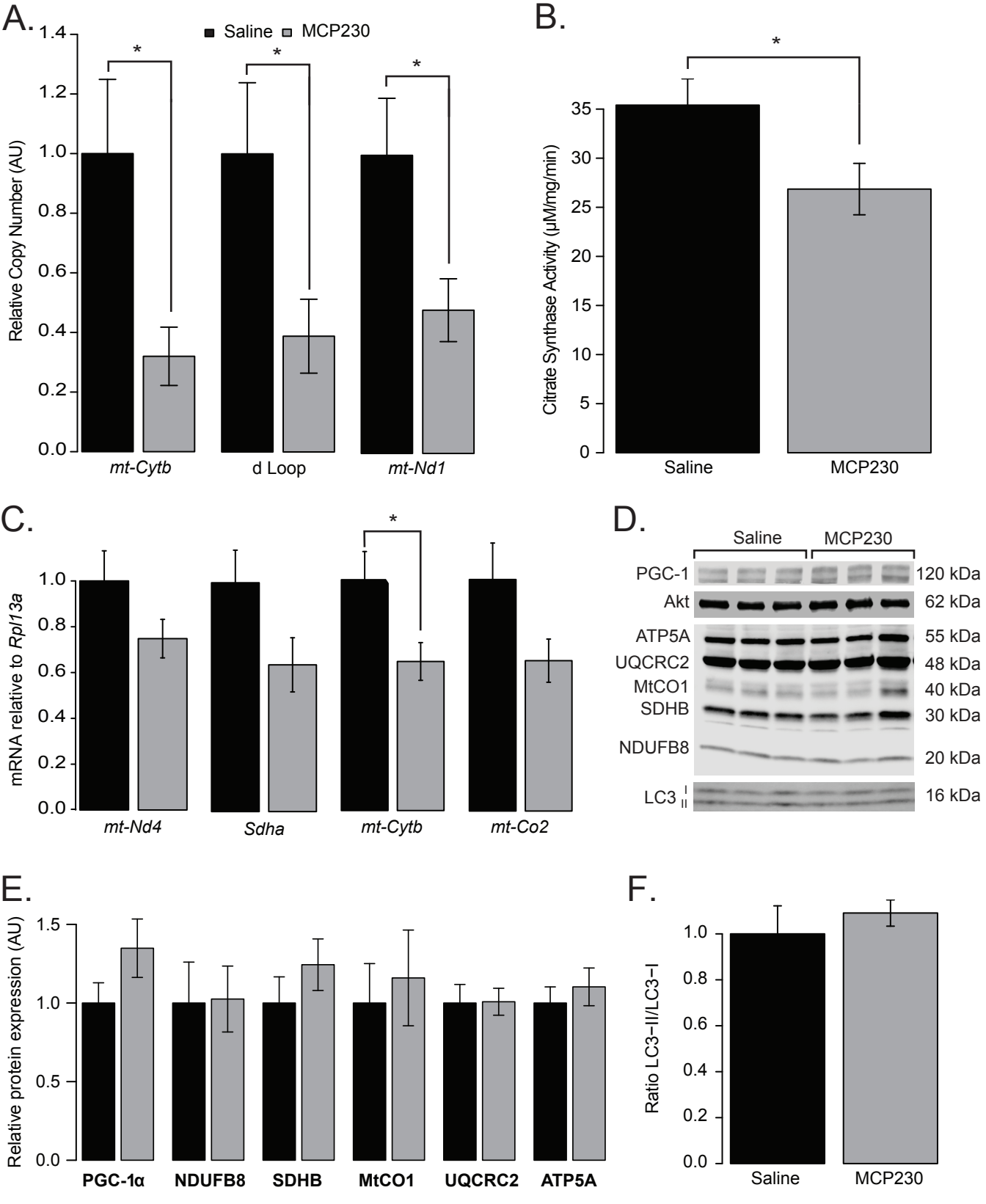
A.
Saline
MCP230
Relative Copy Number (AU)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
*
*
*
mt-Cytb
d Loop
mt-Nd1
B.
Citrate Synthase Activity (µM/mg/min)
35
30
25
20
15
10
5
0
*
Saline
MCP230
C.
mRNA relative to Rpl13a
1.0
0.8
0.6
0.4
0.2
0.0
*
mt-Nd4
Sdha
mt-Cytb
mt-Co2
D.
Saline
MCP230
PGC-1
120 kDa
Akt
62 kDa
ATP5A
55 kDa
UQCRC2
48 kDa
MtCO1
40 kDa
SDHB
30 kDa
NDUFB8
20 kDa
LC3 I/II
16 kDa
E.
Relative protein expression (AU)
1.5
1.0
0.5
0.0
PGC-1α
NDUFB8
SDHB
MtCO1
UQCRC2
ATP5A
F.
Ratio LC3−II/LC3−I
1.0
0.8
0.6
0.4
0.2
0.0
Saline
MCP230