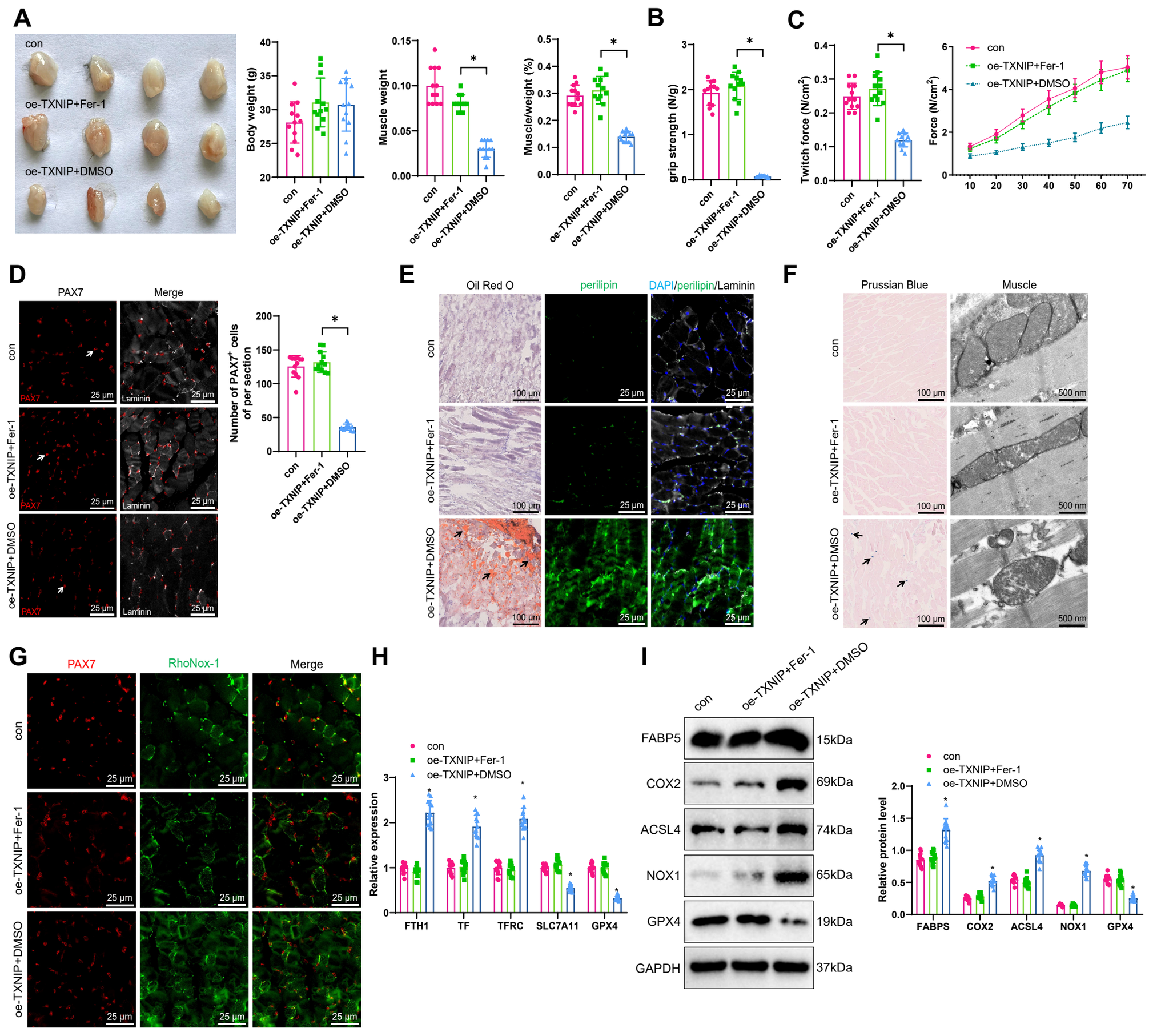

A
con
oe-TXNIP+Fer-1
oe-TXNIP+DMSO
Body weight (g)
Muscle weight
Muscle/weight (%)
B
grip strength (N/g)
C
Twitch force (N/cm2)
Force (N/cm2)
con
oe-TXNIP+Fer-1
oe-TXNIP+DMSO
D
PAX7
Merge
Laminin
Number of PAX7+ cells of per section
E
Oil Red O
perilipin
DAPI/perilipin/Laminin
F
Prussian Blue
Muscle
G
PAX7
RhoNox-1
Merge
H
Relative expression
FTH1
TF
TFRC
SLC7A11
GPX4
I
FABP5
COX2
ACSL4
NOX1
GPX4
GAPDH
15kDa
69kDa
74kDa
65kDa
19kDa
37kDa
Relative protein level
FABPS