fig1.C

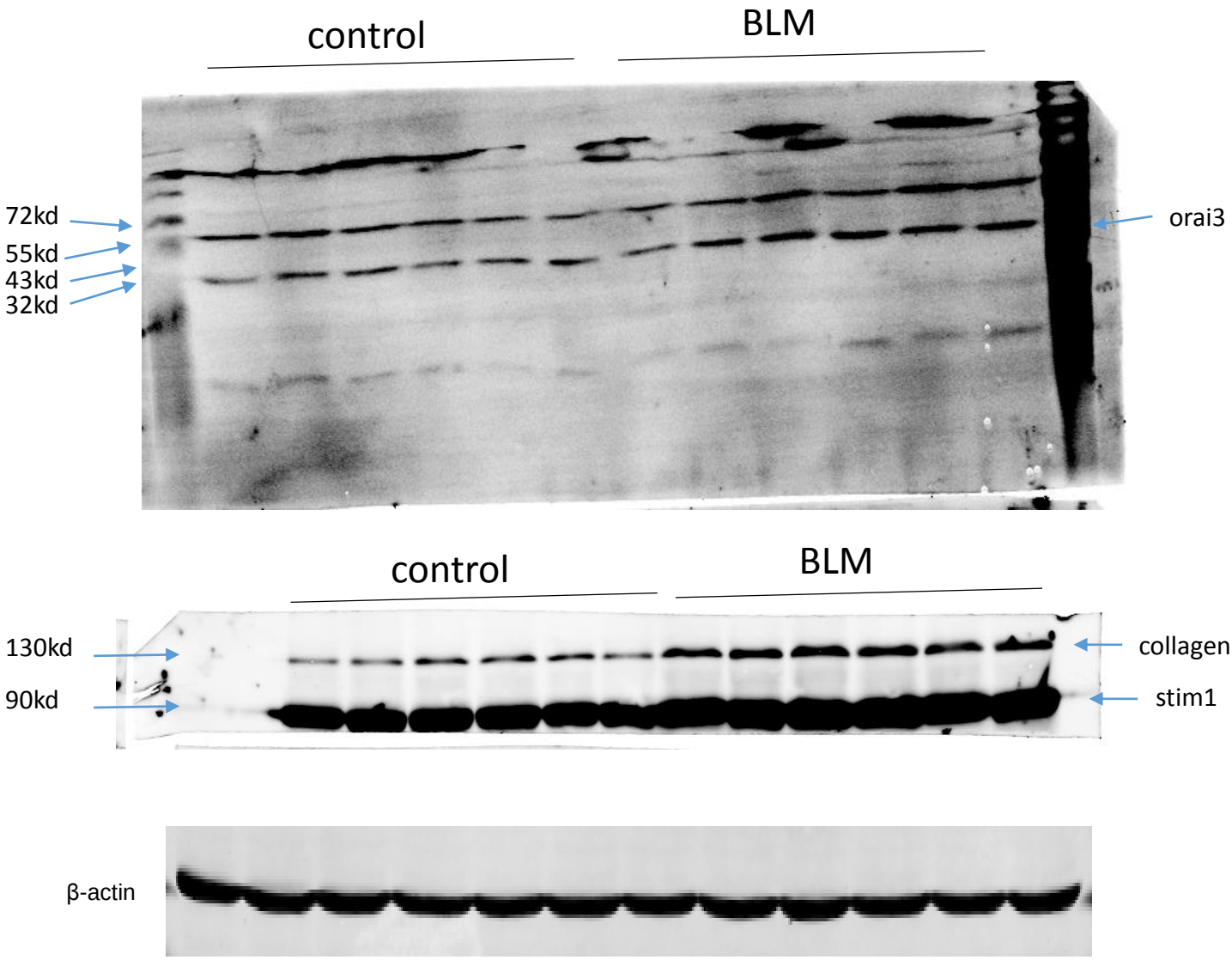
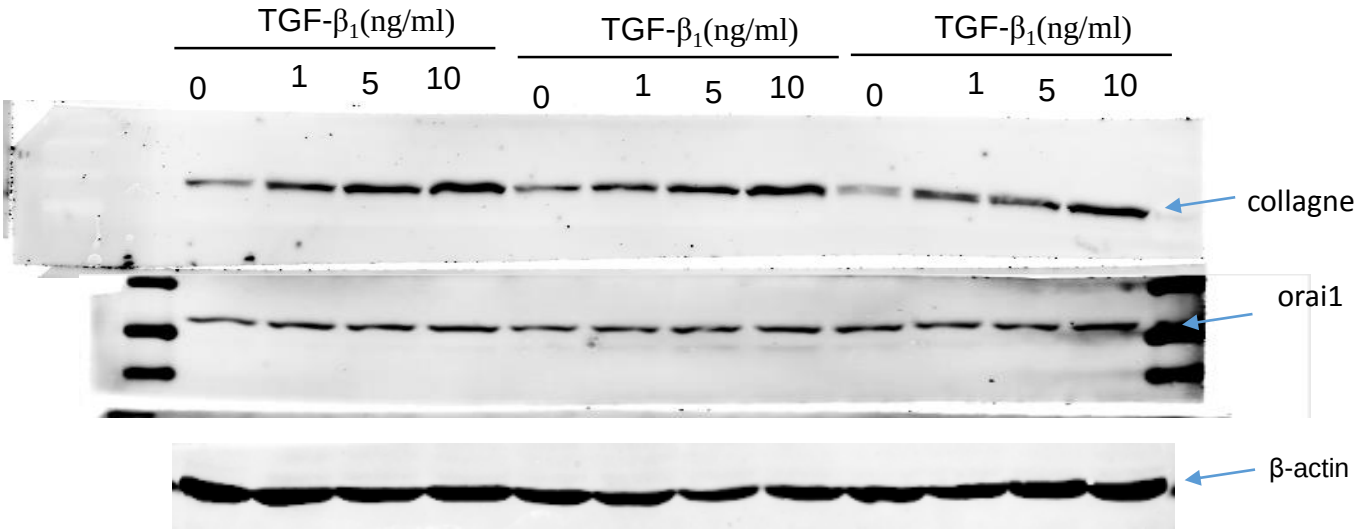
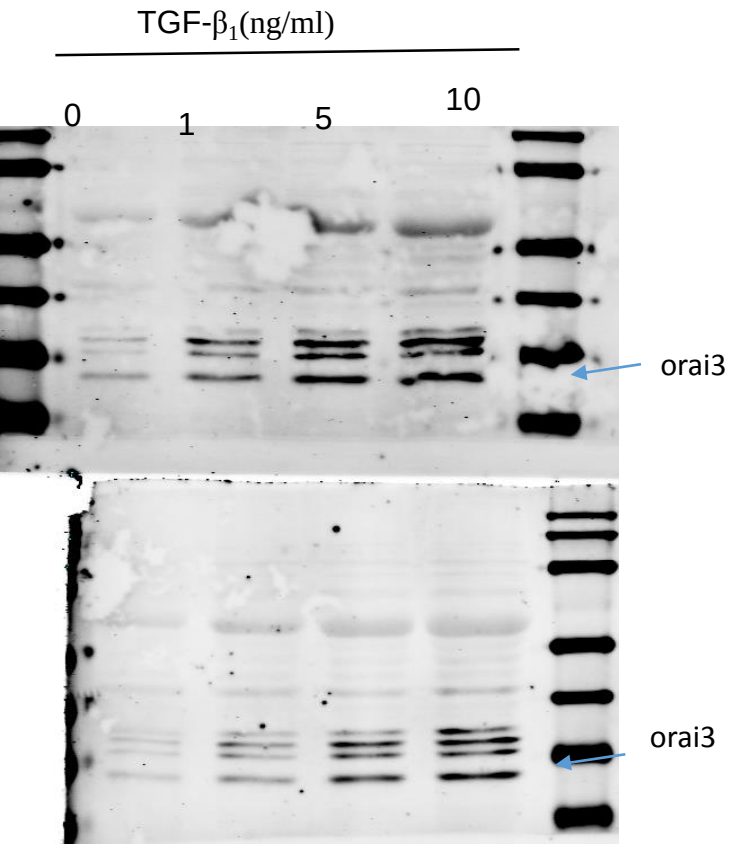

control
BLM
72kd
55kd
43kd
32kd
orai3
control
BLM
130kd
90kd
collagen
stim1
β-actin

fig1.D


TGF-β1(ng/ml)
0
1
5
10
TGF-β1(ng/ml)
0
1
5
10
TGF-β1(ng/ml)
0
1
5
10
collagne
orai1
β-actin


TGF-β1(ng/ml)
0
1
5
10
orai3
orai3

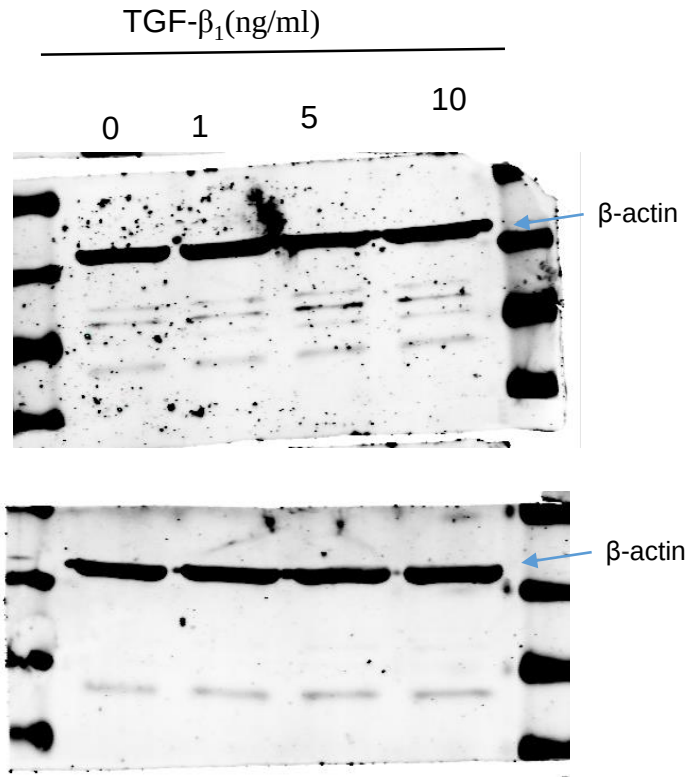

TGF-β1(ng/ml)
0
1
5
10
β-actin
β-actin

fig1.E

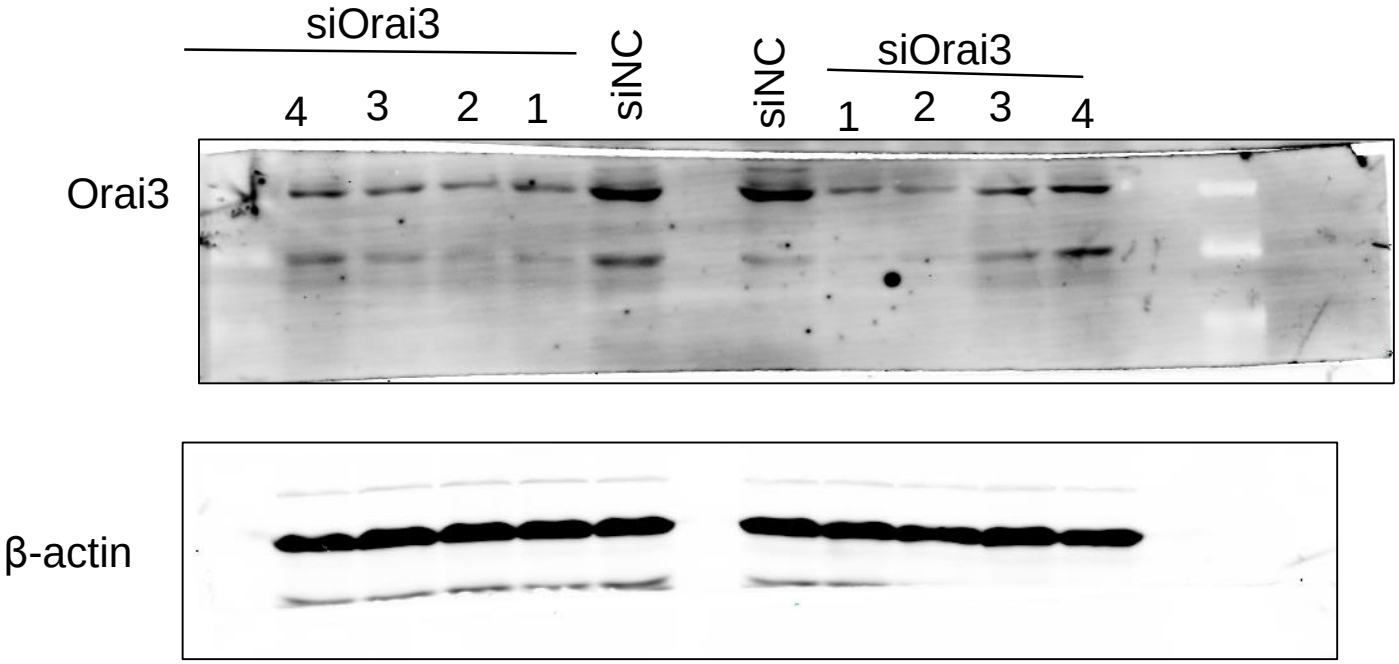


fig1.G

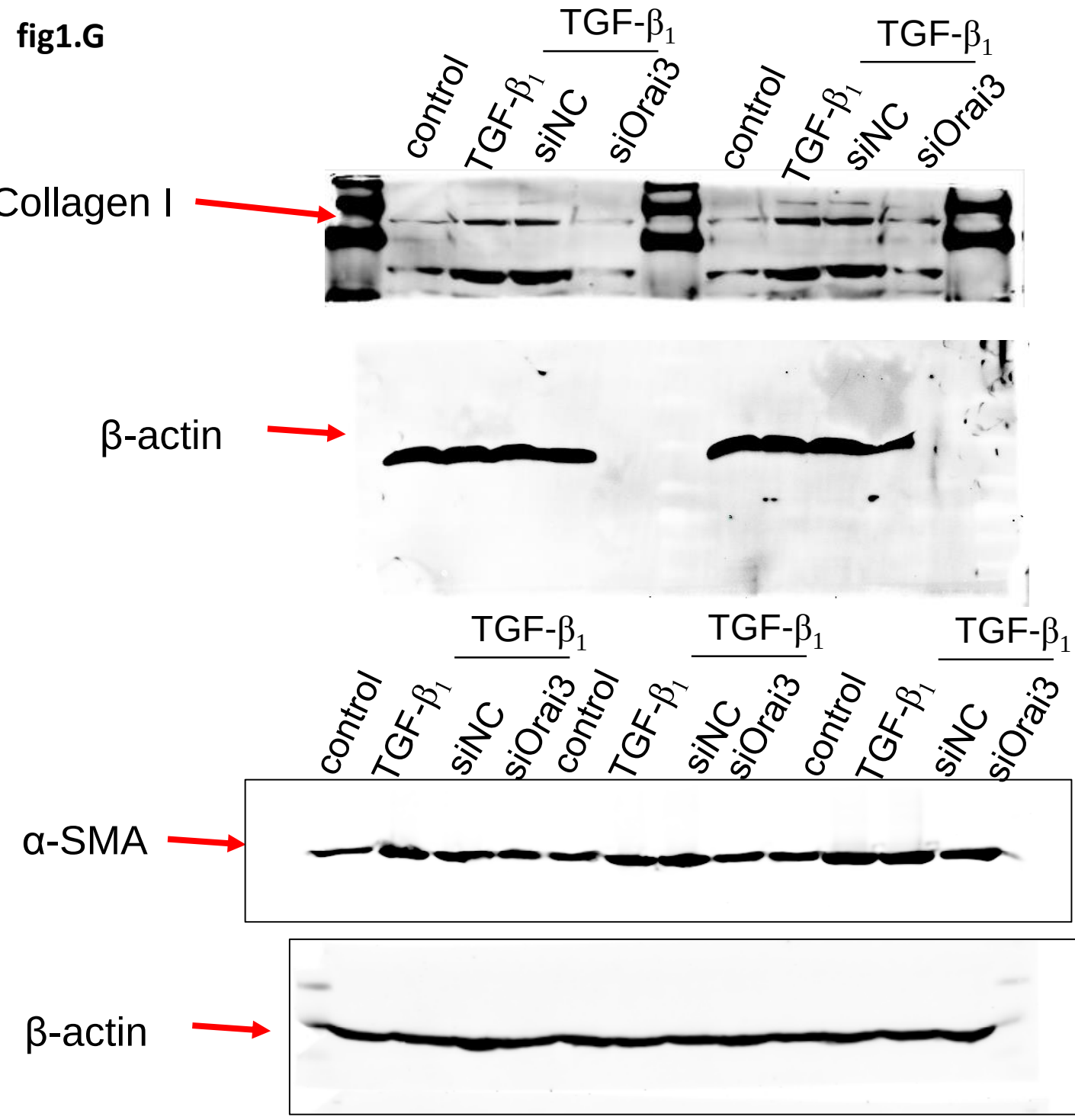

TGF-β1
TGF-β1
control
TGF-β1
siNC
siOrai3
control
TGF-β1
siNC
siOrai3
Collagen I
β-actin
TGF-β1
TGF-β1
TGF-β1
control
TGF-β1
siNC
siOrai3
control
TGF-β1
siNC
siOrai3
control
TGF-β1
siNC
siOrai3
α-SMA
β-actin

fig2.B

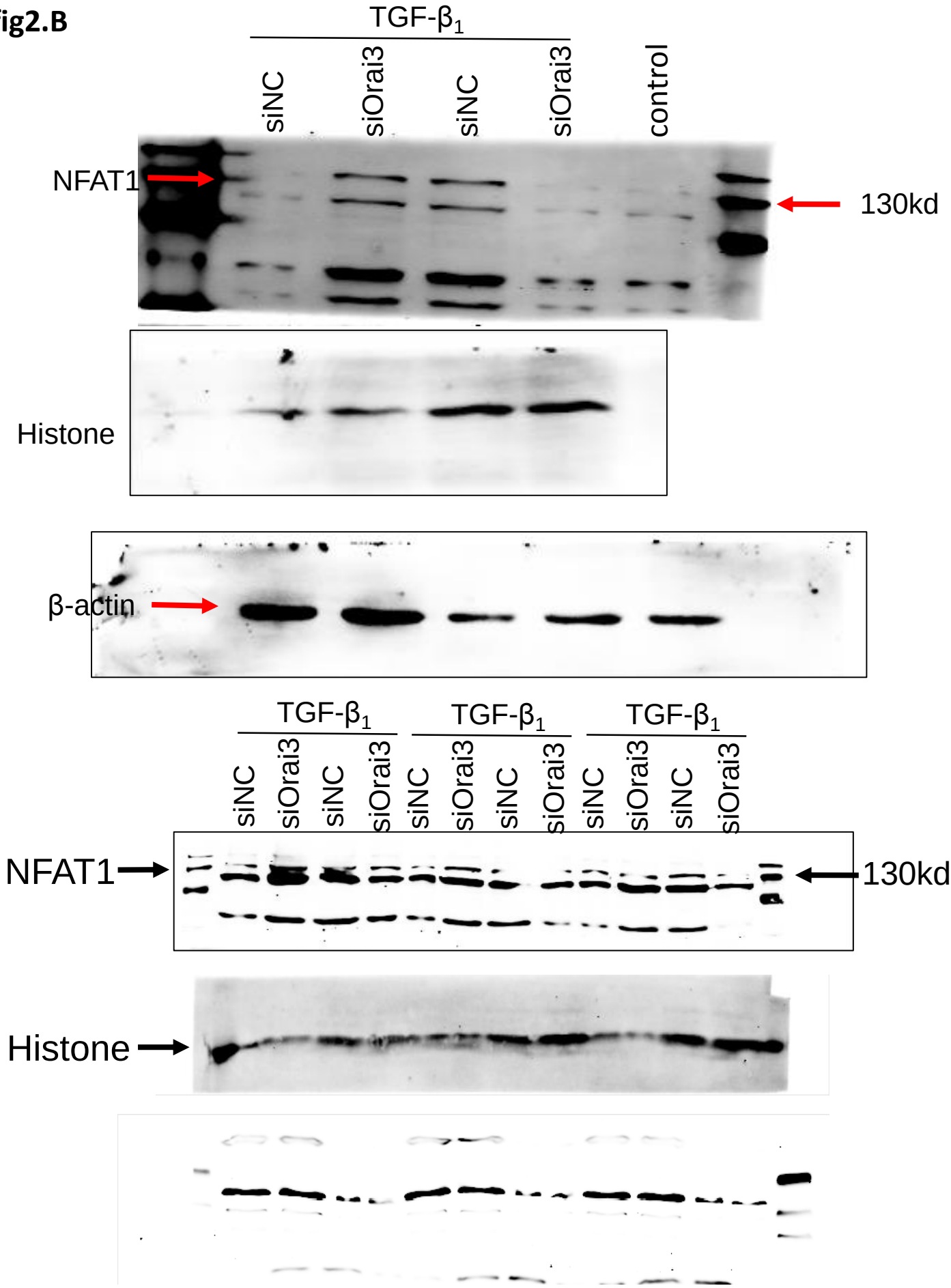
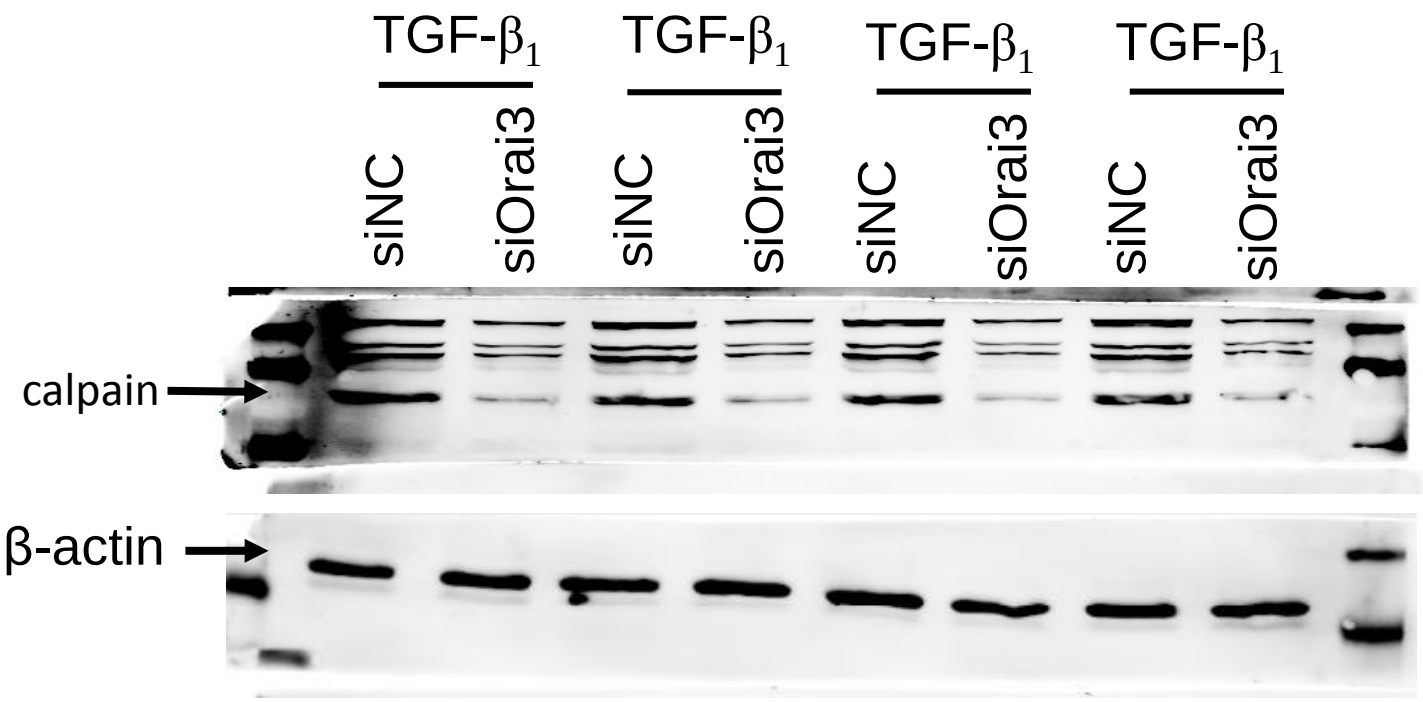

TGF-β1
siNC
siOrai3
siNC
siOrai3
control
NFAT1
130kd
Histone
β-actin
TGF-β1
TGF-β1
TGF-β1
siNC
siOrai3
siNC
siOrai3
siNC
siOrai3
siNC
siOrai3
siNC
siOrai3
siNC
siOrai3
NFAT1
130kd
Histone

fig2.C


TGF-β1
TGF-β1
TGF-β1
TGF-β1
siNC
siOrai3
siNC
siOrai3
siNC
siOrai3
siNC
siOrai3
calpain
β-actin

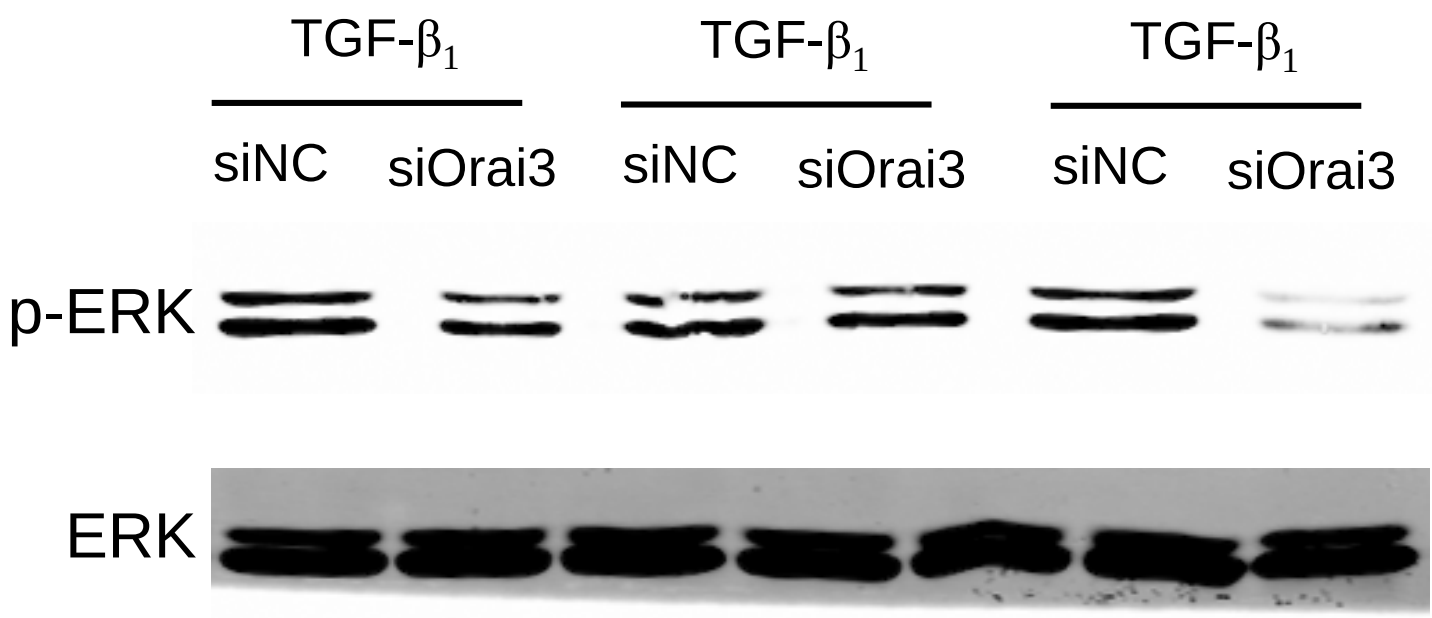

TGF-β1
TGF-β1
TGF-β1
siNC
siOrai3
siNC
siOrai3
siNC
siOrai3
p-ERK
ERK

fig3.A

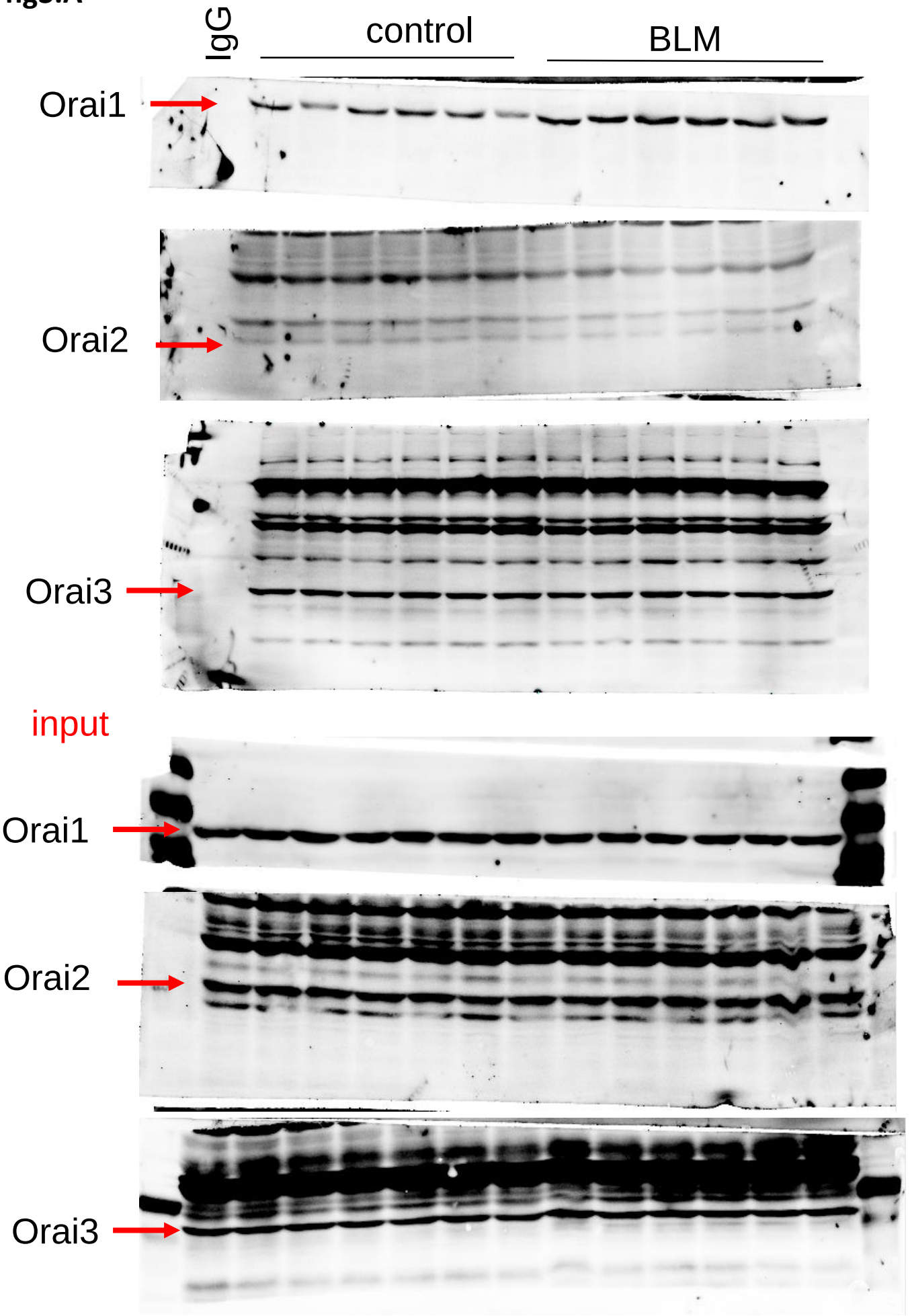


fig3.C

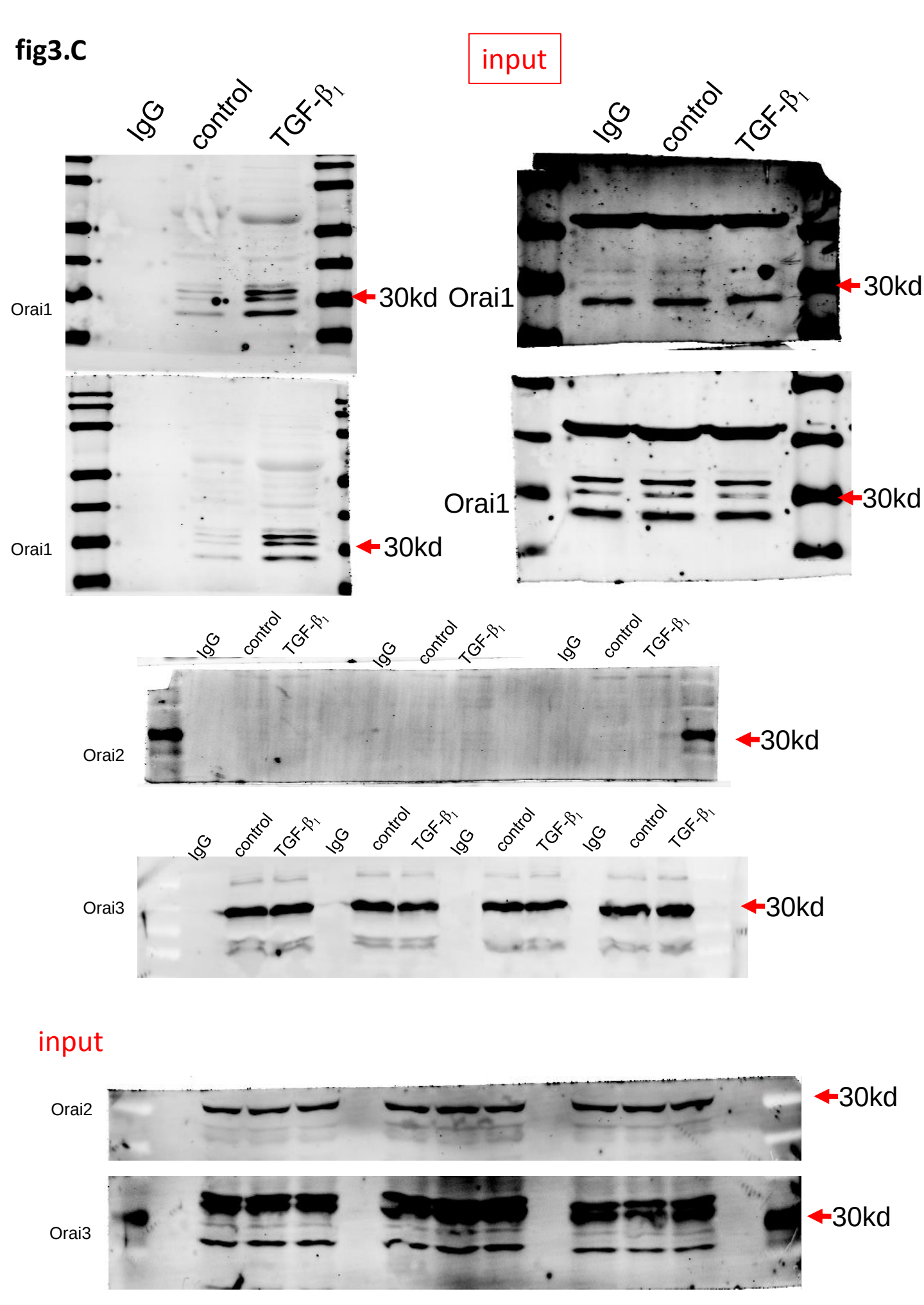

input
IgG
control
TGF-β1
Orai1
30kd
IgG
control
TGF-β1
Orai1
30kd
Orai1
30kd
Orai1
30kd
IgG
control
TGF-β1
IgG
control
TGF-β1
IgG
control
TGF-β1
Orai2
30kd
IgG
control
TGF-β1
IgG
control
TGF-β1
IgG
control
TGF-β1
IgG
control
TGF-β1
Orai3
30kd
input
Orai2
30kd
Orai3
30kd

fig3.F

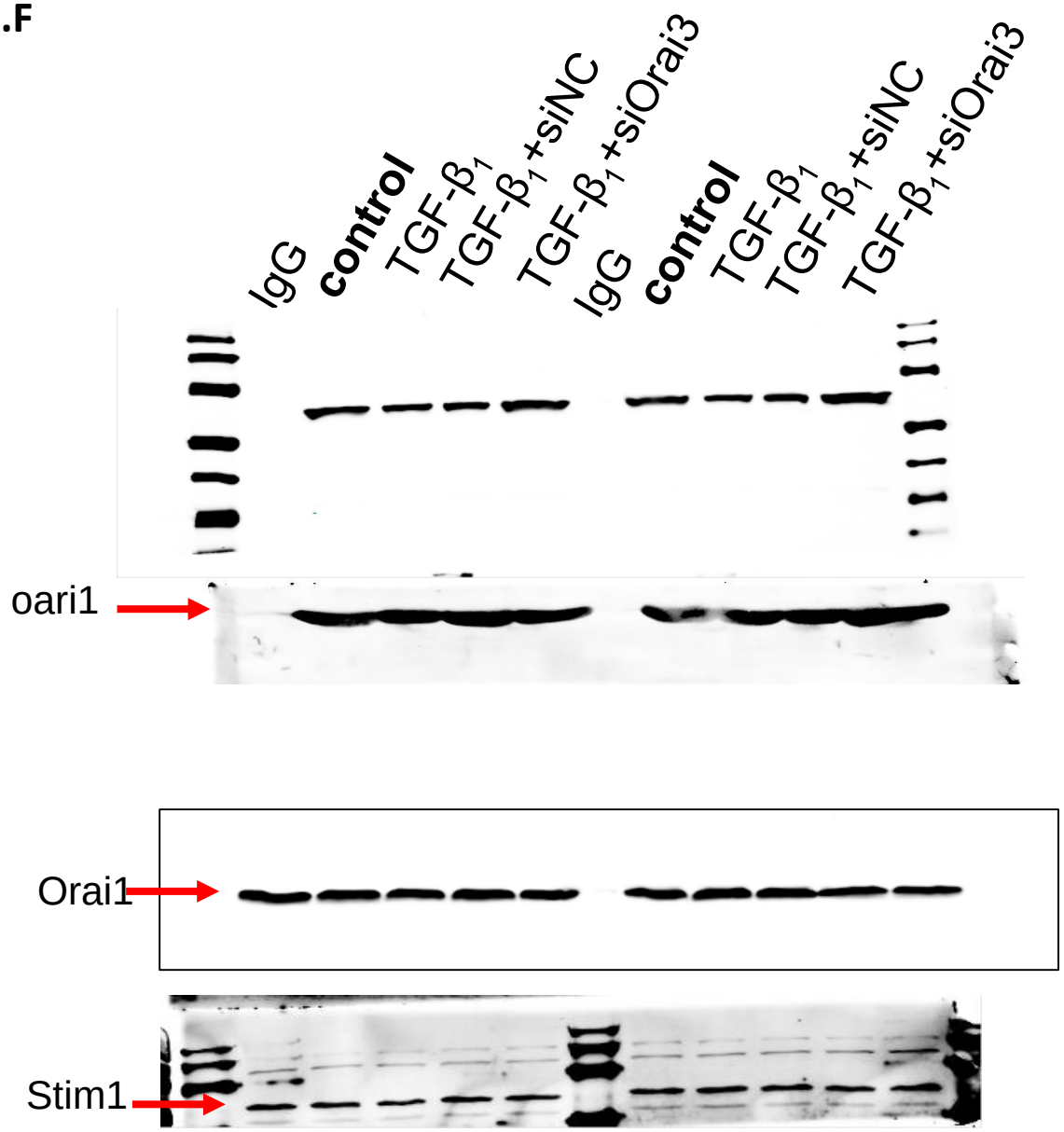

IgG
control
TGF-β1
TGF-β1+siNC
TGF-β1+siOrai3
IgG
control
TGF-β1
TGF-β1+siNC
TGF-β1+siOrai3
oari1
Orai1
Stim1

fig4.A

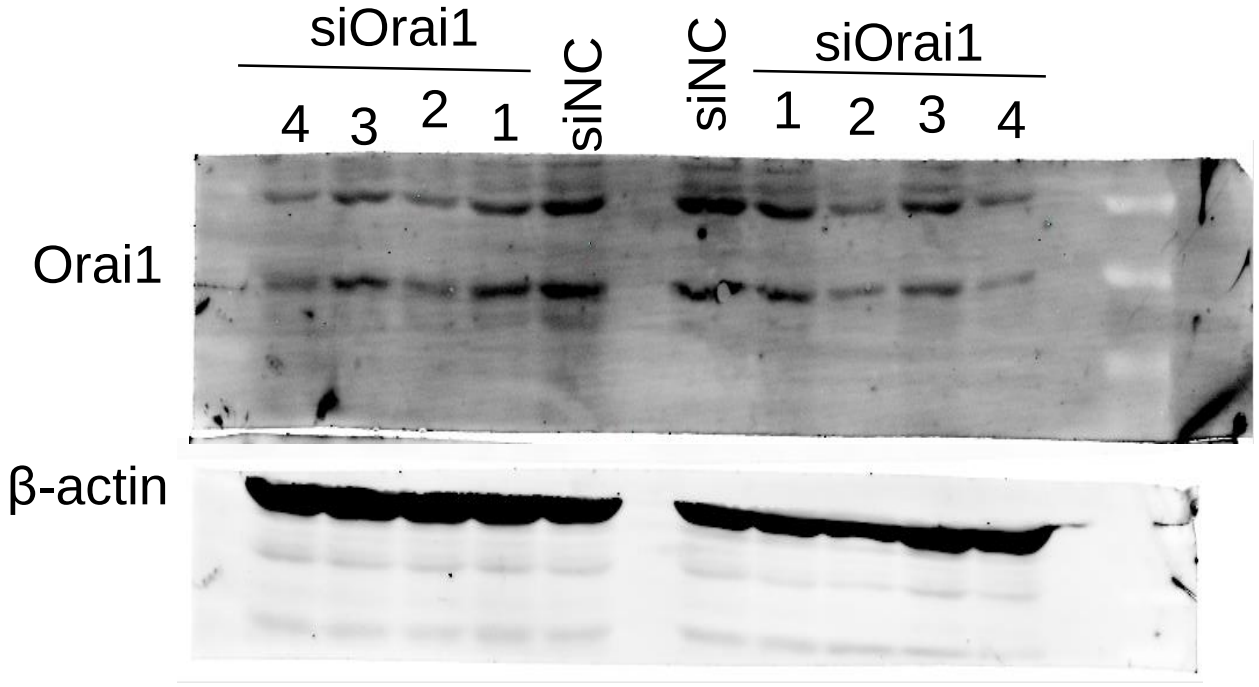


fig4.B AND C

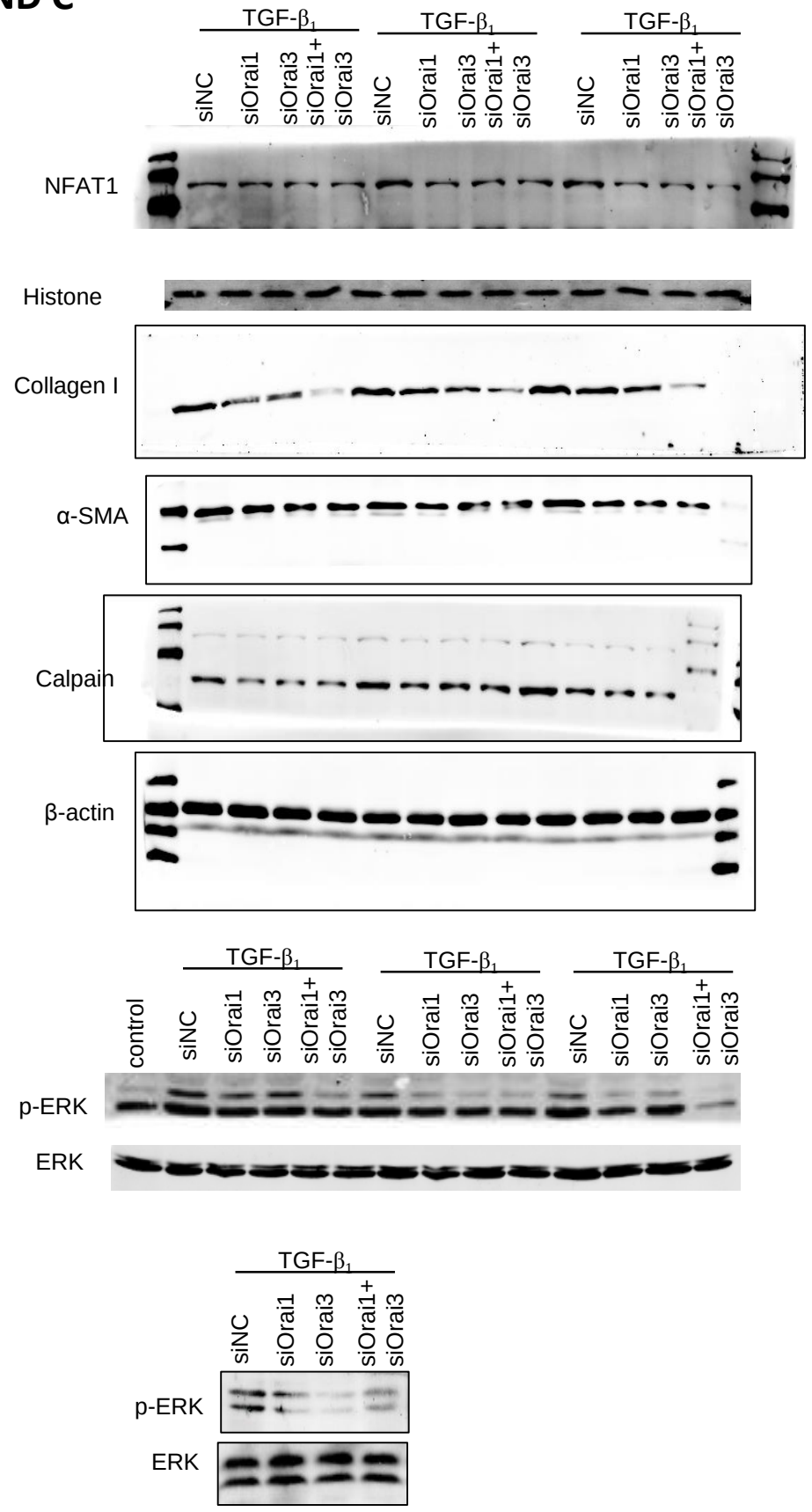

TGF-β1
TGF-β1
TGF-β1
siNC
siOrai1
siOrai3
siOrai1+ siOrai3
NFAT1
Histone
Collagen I
α-SMA
Calpain
β-actin
control
p-ERK
ERK

Fig5.A

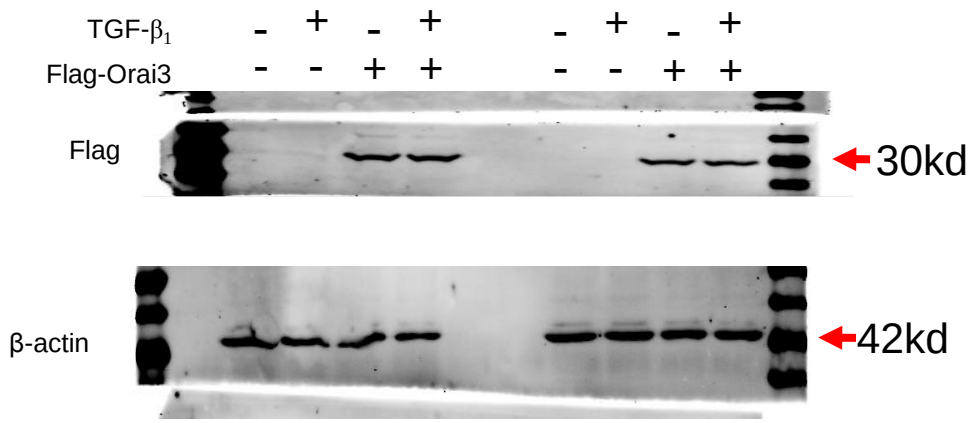

TGF-β1
Flag-Orai3
Flag
30kd
β-actin
42kd

Fig5.B

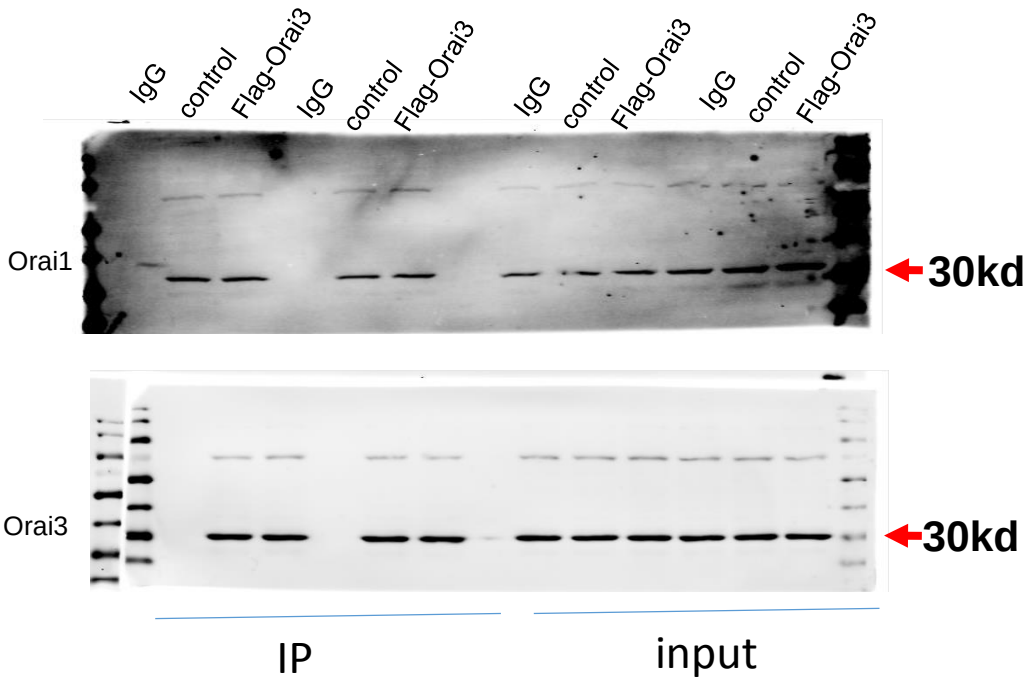

IgG
control
Flag-Orai3
Orai1
30kd
Orai3
30kd
IP
input

Fig5.D

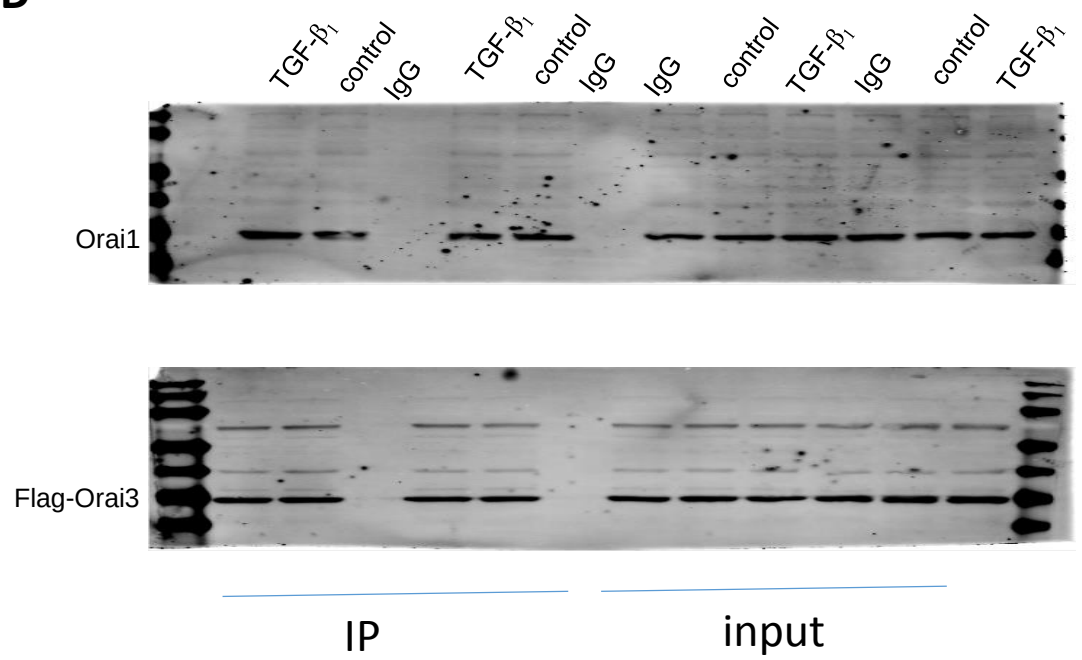
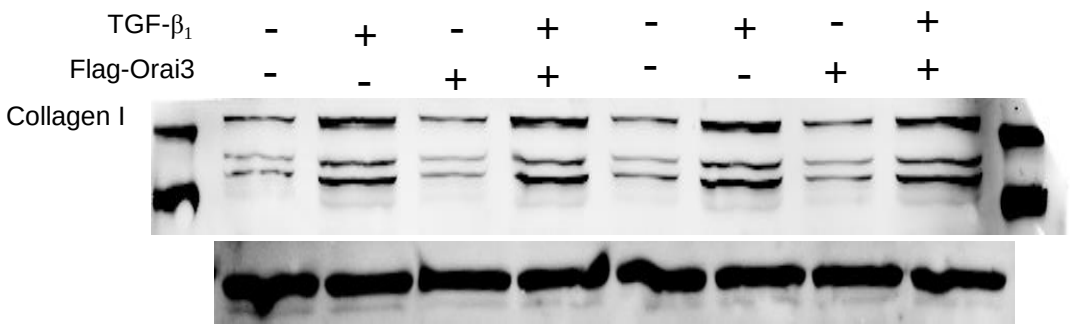

TGF-β1
control
IgG
TGF-β1
control
IgG
IgG
control
TGF-β1
IgG
control
TGF-β1
Orai1
Flag-Orai3
IP
input

Fig5.H


TGF-β1 - + - + - + - +
Flag-Orai3 - - + + - - + +
Collagen I

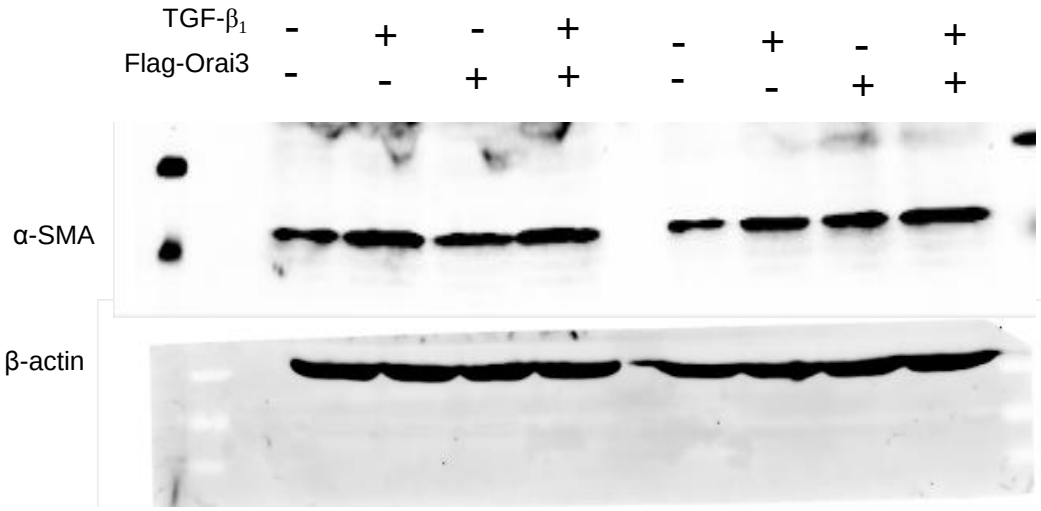

TGF-β1 - + - + - + - +
Flag-Orai3 - - + + - - + +
α-SMA
β-actin

Fig.6A

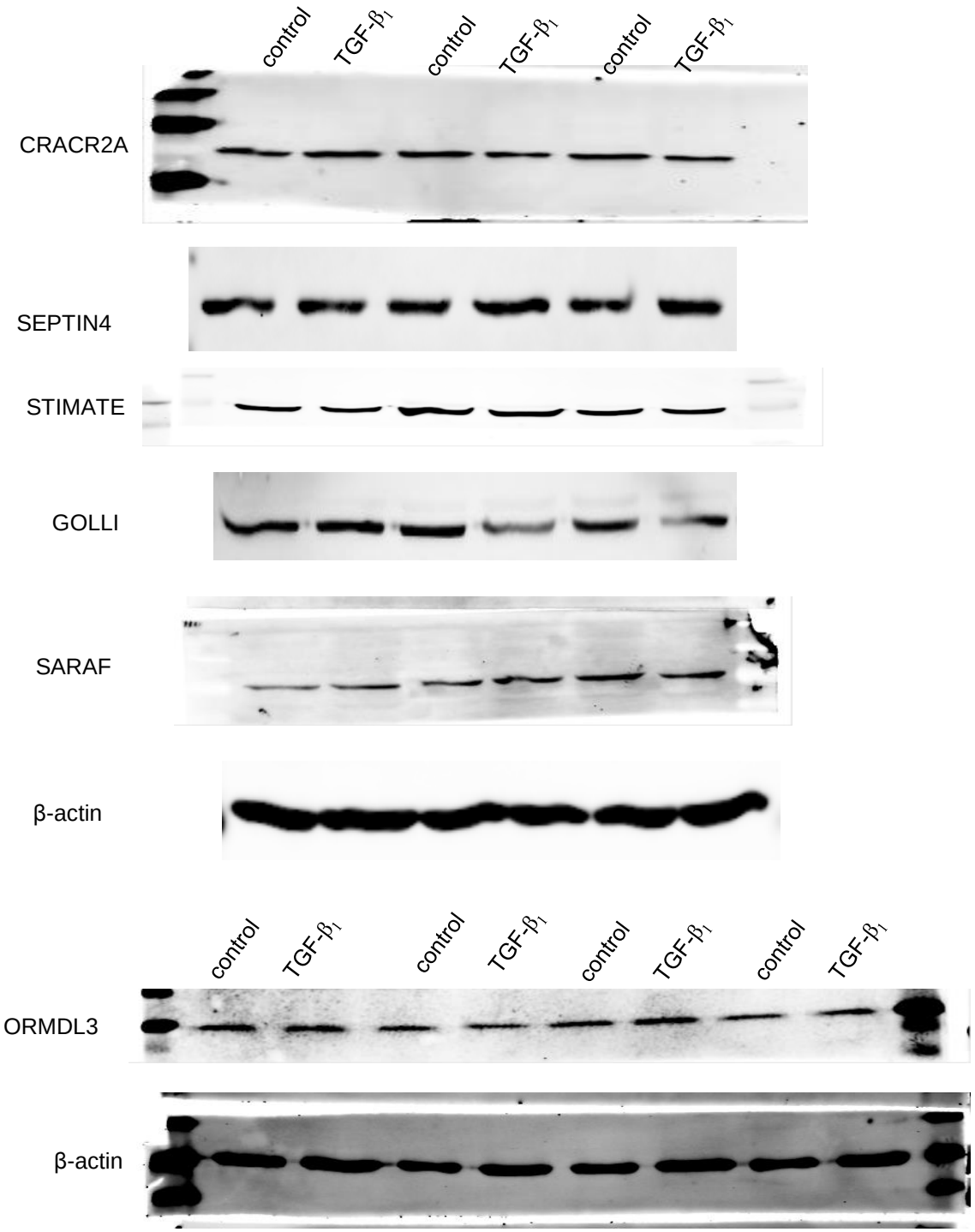

control
TGF-β1
control
TGF-β1
control
TGF-β1
CRACR2A
SEPTIN4
STIMATE
GOLLI
SARAF
β-actin
control
TGF-β1
control
TGF-β1
control
TGF-β1
control
TGF-β1
ORMDL3
β-actin

Fig.6B

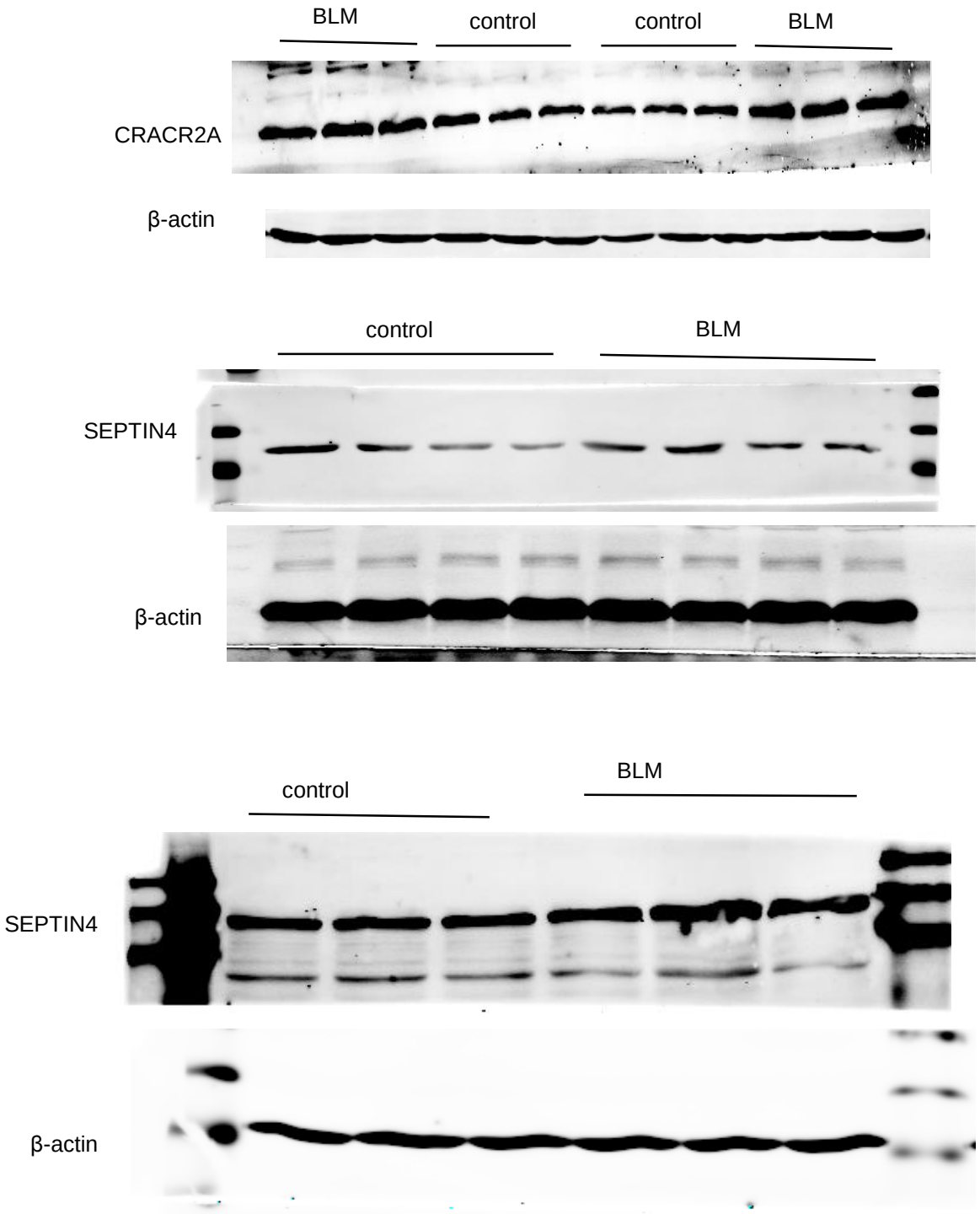

BLM
control
control
BLM
CRACR2A
β-actin
control
BLM
SEPTIN4
β-actin
control
BLM
SEPTIN4
β-actin

Fig.7A

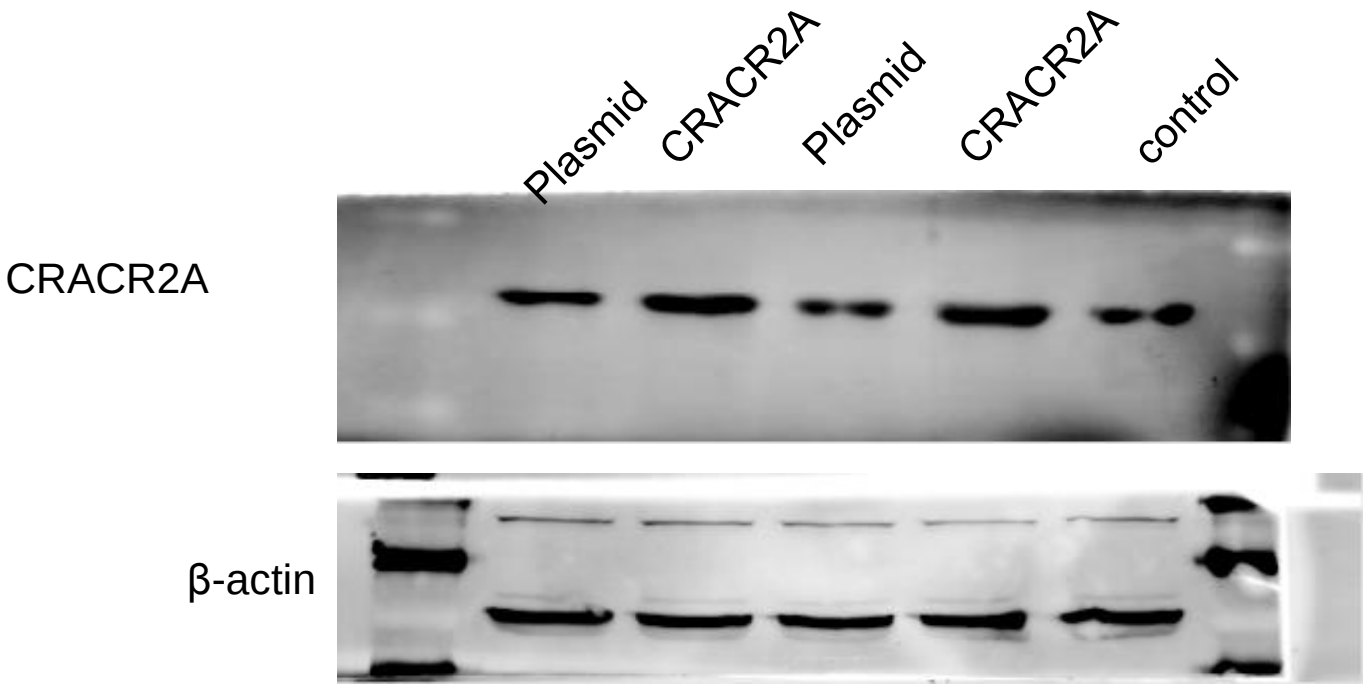


Fig.7D

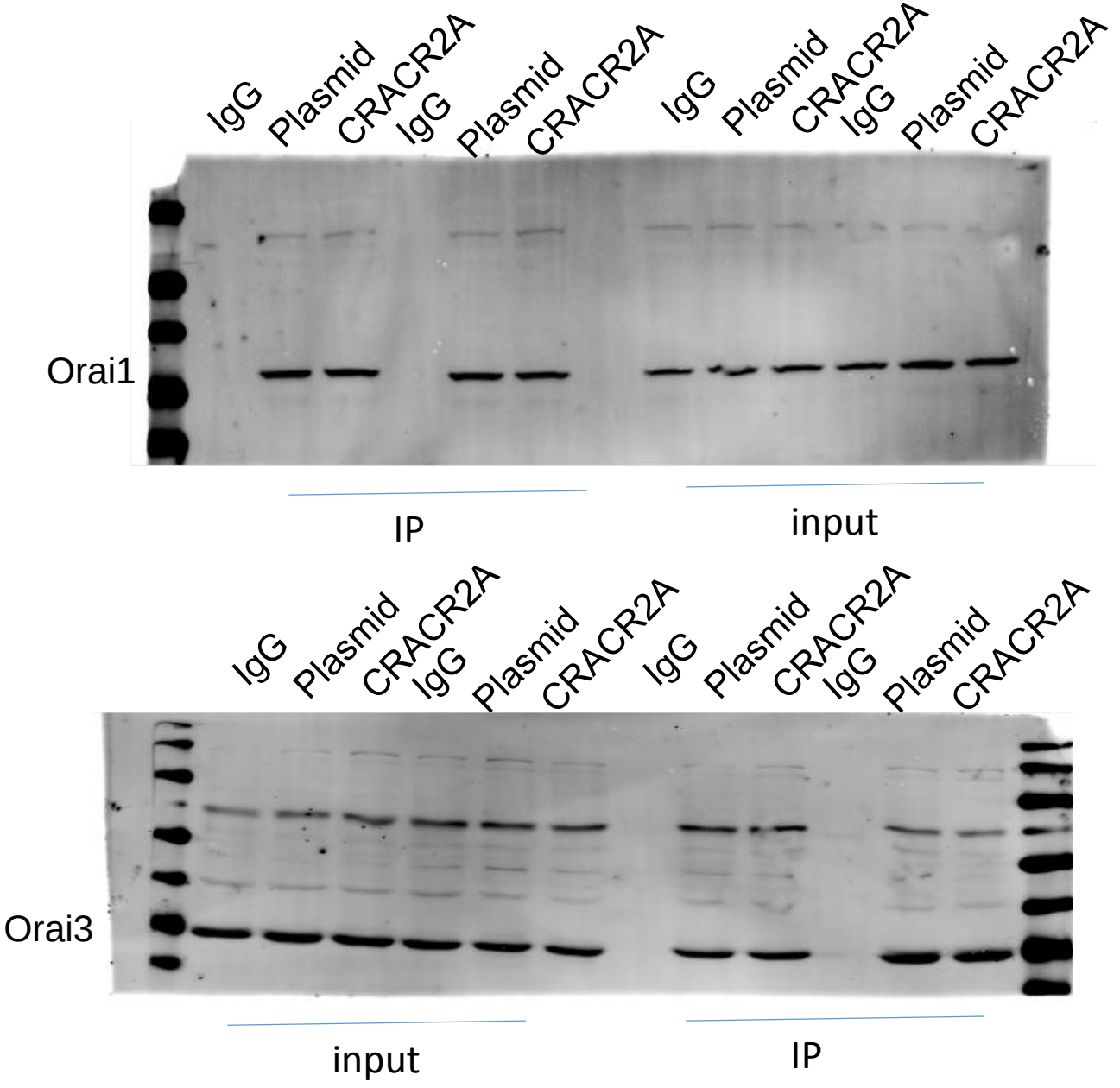

IgG
Plasmid
CRACR2A
IgG
Plasmid
CRACR2A
IgG
Plasmid
CRACR2A
IgG
Plasmid
CRACR2A
Orai1
IP
input
IgG
Plasmid
CRACR2A
IgG
Plasmid
CRACR2A
IgG
Plasmid
CRACR2A
IgG
Plasmid
CRACR2A
Orai3
input
IP

Fig.7F raw data

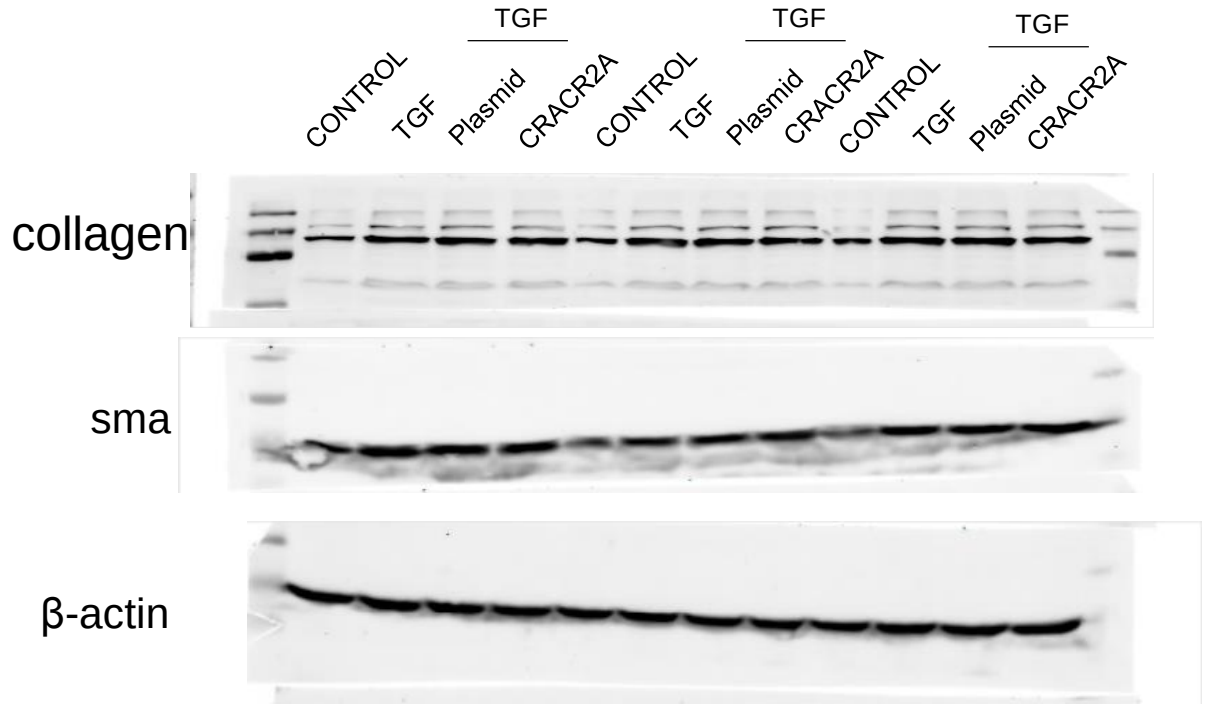
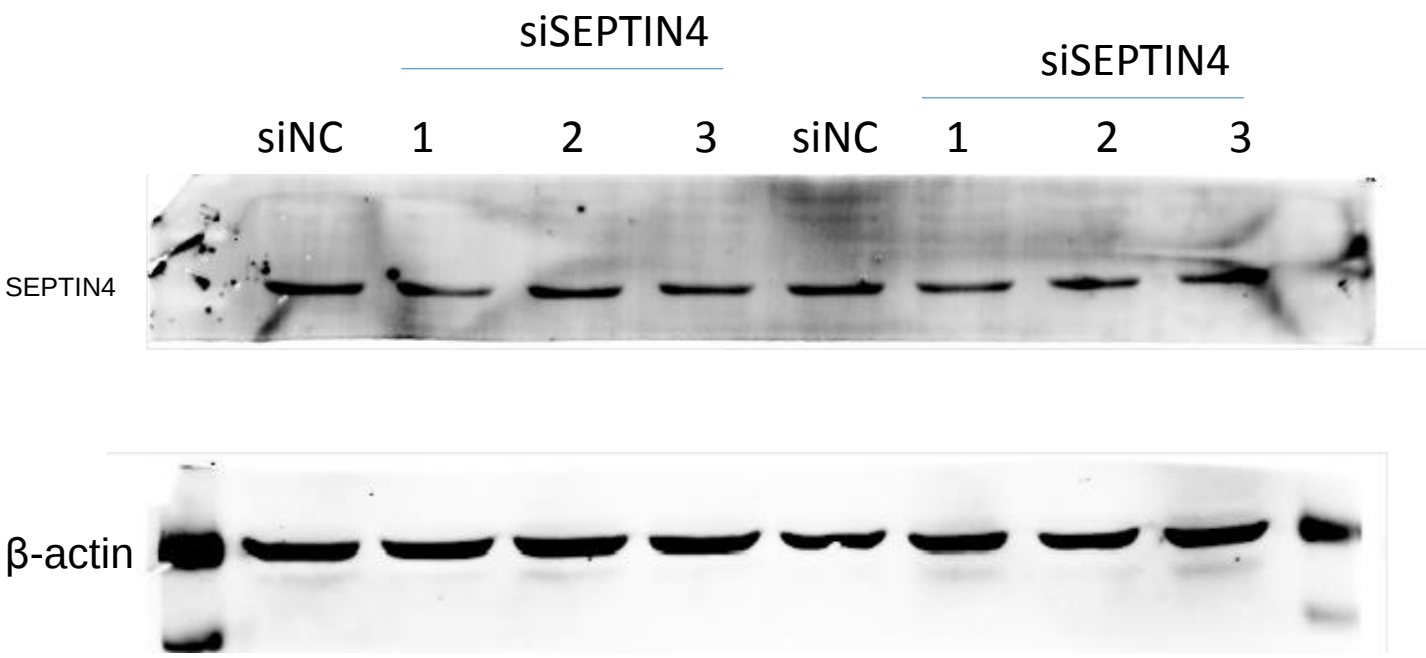
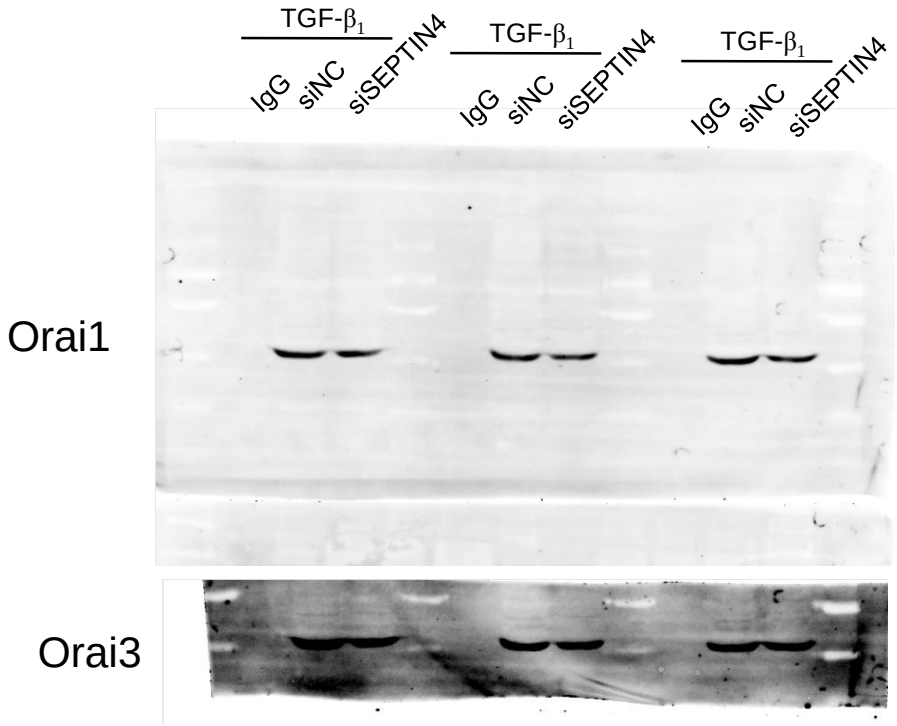
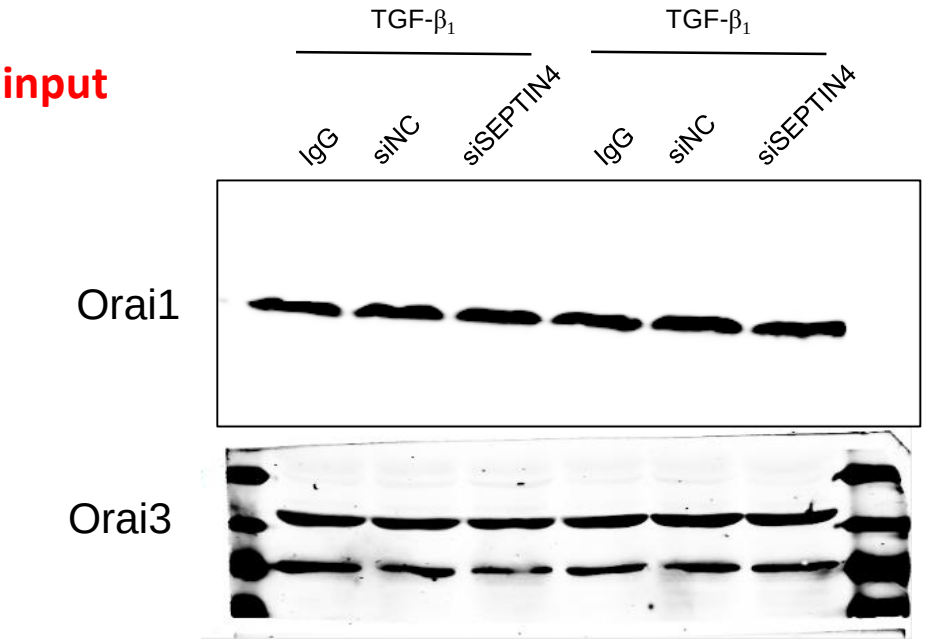


Fig.7G




TGF-β1
TGF-β1
TGF-β1
IgG
siNC
siSEPTIN4
IgG
siNC
siSEPTIN4
IgG
siNC
siSEPTIN4
Orai1
Orai3

input


TGF-β1
TGF-β1
IgG
siNC
siSEPTIN4
IgG
siNC
siSEPTIN4
Orai1
Orai3

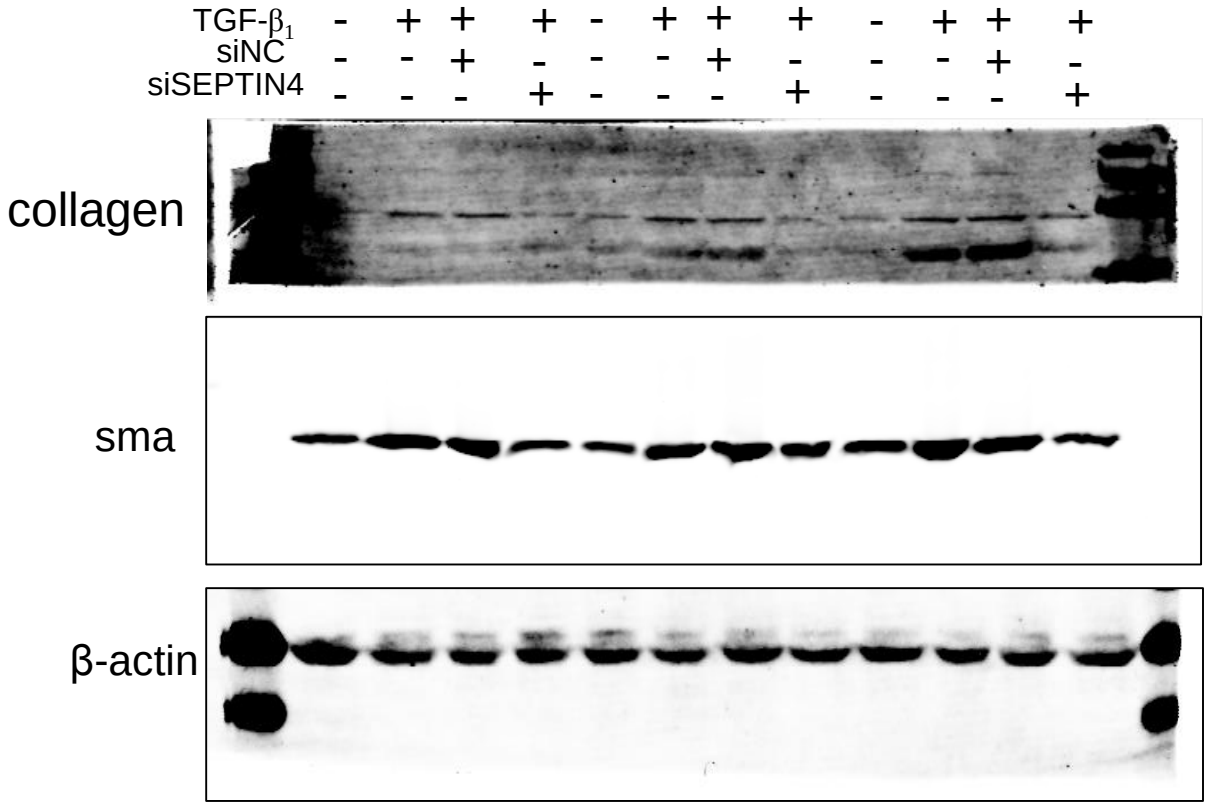



Fig.7L