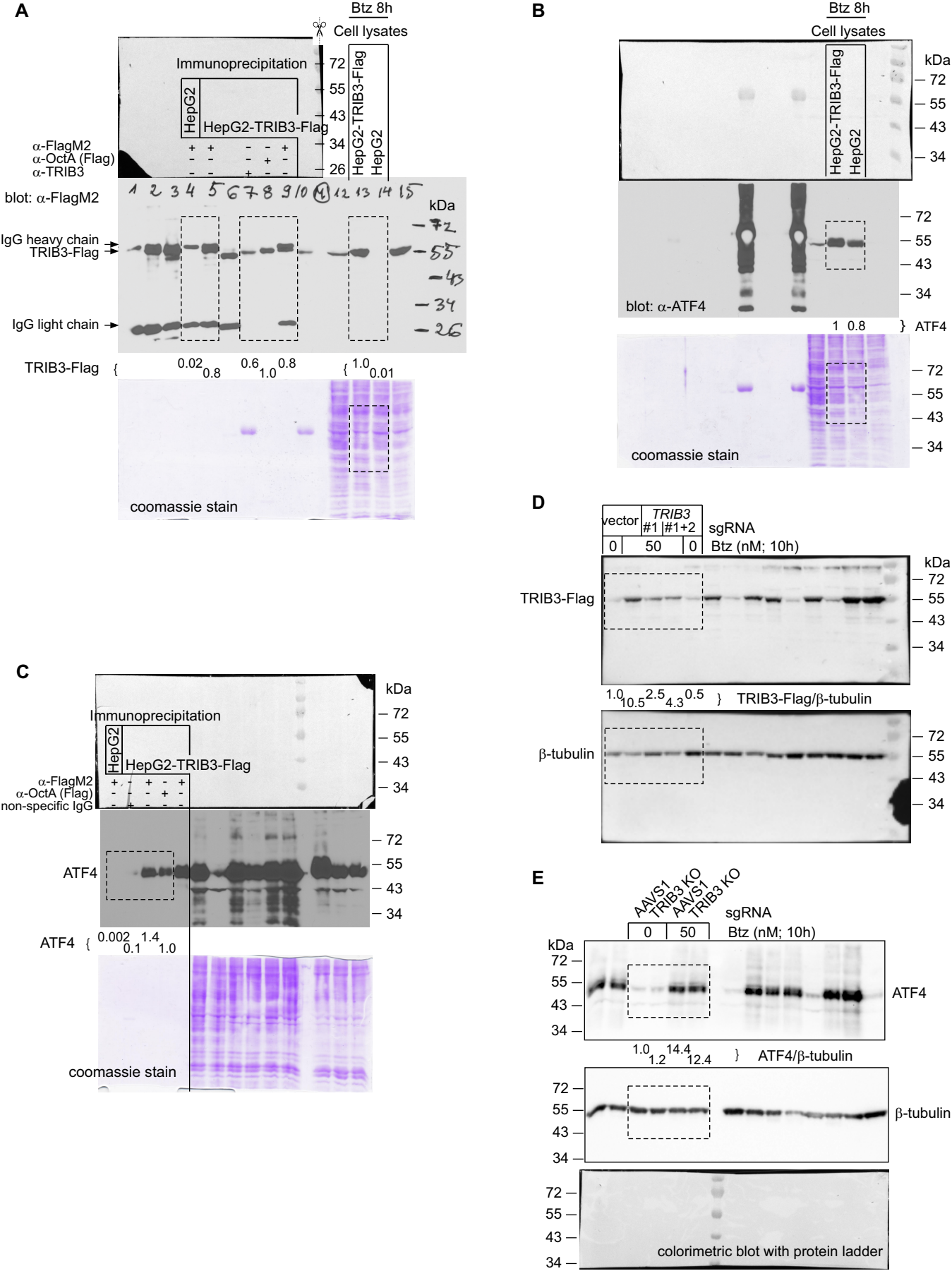
A
Btz 8h
Cell lysates
Immunoprecipitation
HepG2
HepG2-TRIB3-Flag
α-FlagM2
α-OctA (Flag)
α-TRIB3
HepG2-TRIB3-Flag
HepG2
kDa
72
55
43
34
26
blot: α-FlagM2
IgG heavy chain
TRIB3-Flag
IgG light chain
TRIB3-Flag
0.02 0.8 0.6 1.0 0.8 1.0 0.01
coomassie stain
B
Btz 8h
Cell lysates
HepG2-TRIB3-Flag
HepG2
blot: α-ATF4
1 0.8
ATF4
coomassie stain
C
Immunoprecipitation
HepG2
HepG2-TRIB3-Flag
α-FlagM2
α-OctA (Flag)
non-specific IgG
ATF4
ATF4
0.002 0.1 1.4 1.0
coomassie stain
D
vector
TRIB3 #1
TRIB3 #1+2
sgRNA
0
50
0
Btz (nM; 10h)
TRIB3-Flag
1.0 0.5 2.5 4.3 0.5
TRIB3-Flag/β-tubulin
β-tubulin
E
AAVS1
TRIB3 KO
AAVS1
TRIB3 KO
sgRNA
0
50
Btz (nM; 10h)
ATF4
1.0 1.2 14.4 12.4
ATF4/β-tubulin
β-tubulin
colorimetric blot with protein ladder