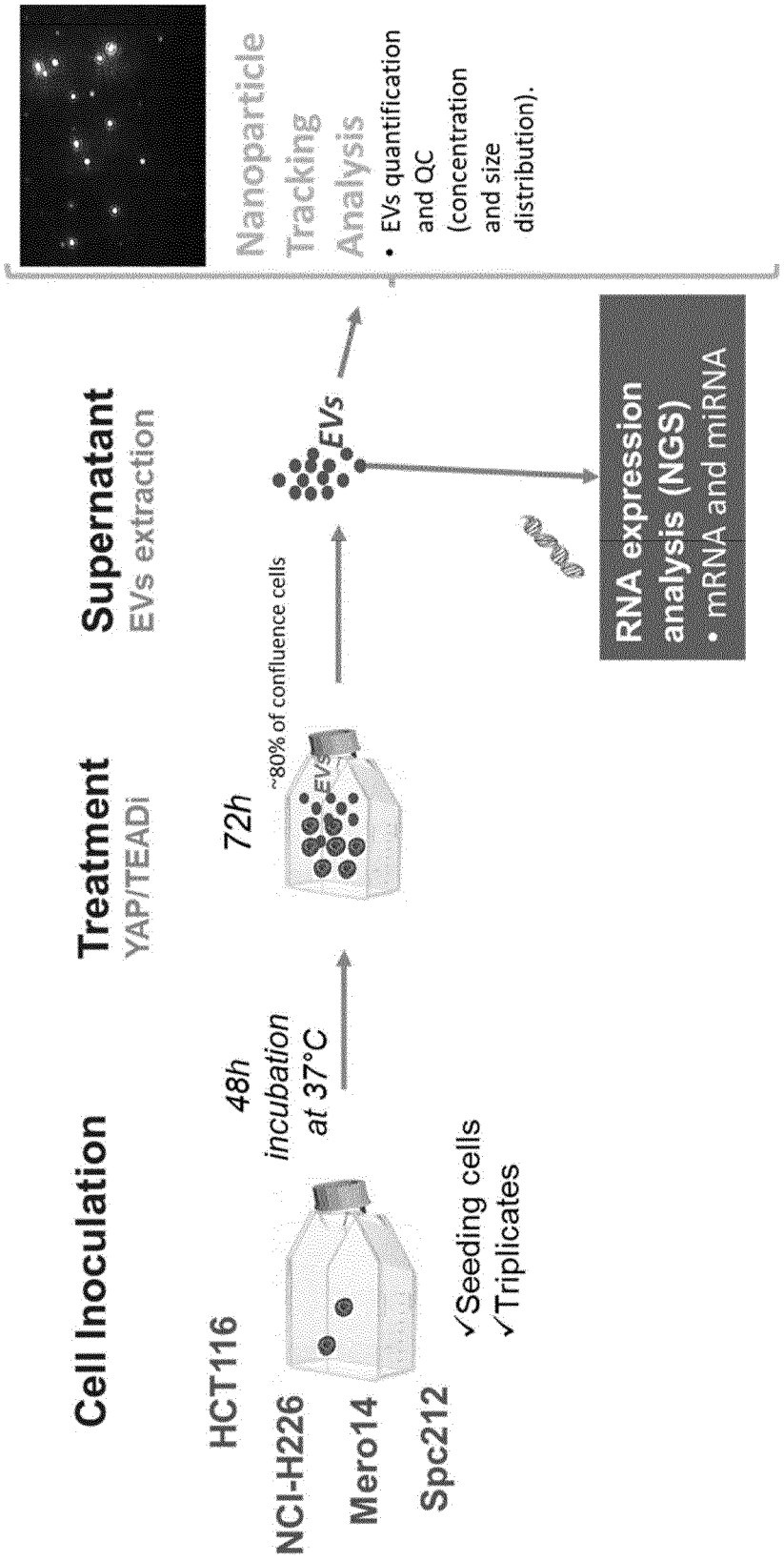
Cell Inoculation
HCT116
NCI-H226
Mero14
Spc212
✓Seeding cells
✓Triplicates
48h incubation at 37°C
Treatment
YAP/TEADi
72h
~80% of confluence cells
EVs
Supernatant
EVs extraction
EVs
Nanoparticle Tracking Analysis
• EVs quantification and QC (concentration and size distribution).
RNA expression analysis (NGS)
• mRNA and miRNA

FIGURE 1

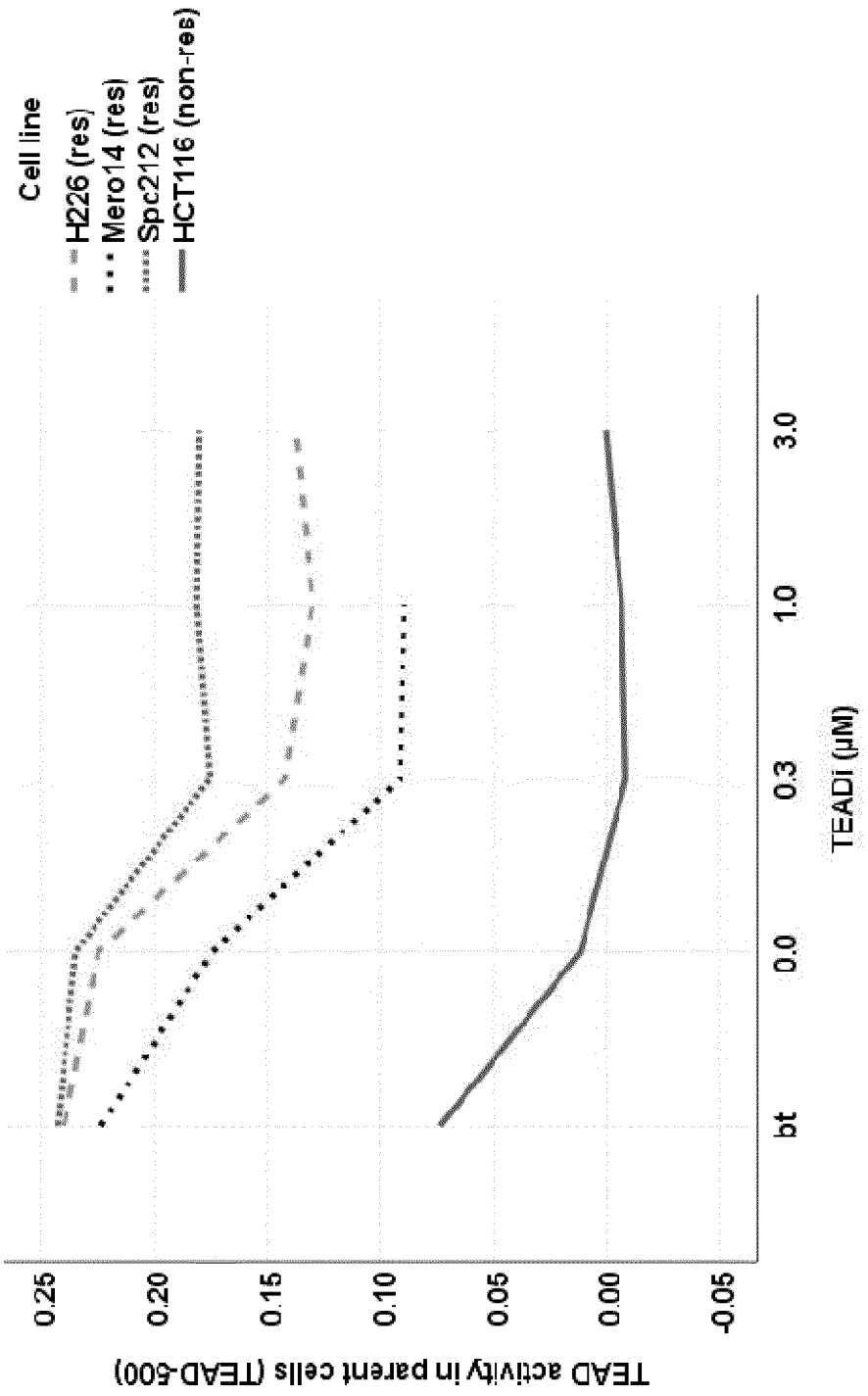
Cell line
H226 (res)
Mero14 (res)
Spc212 (res)
HCT116 (non-res)
TEAD activity in parent cells (TEAD-500)
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
bt
0.0
0.3
1.0
3.0
TEADi (µM)

FIGURE 2

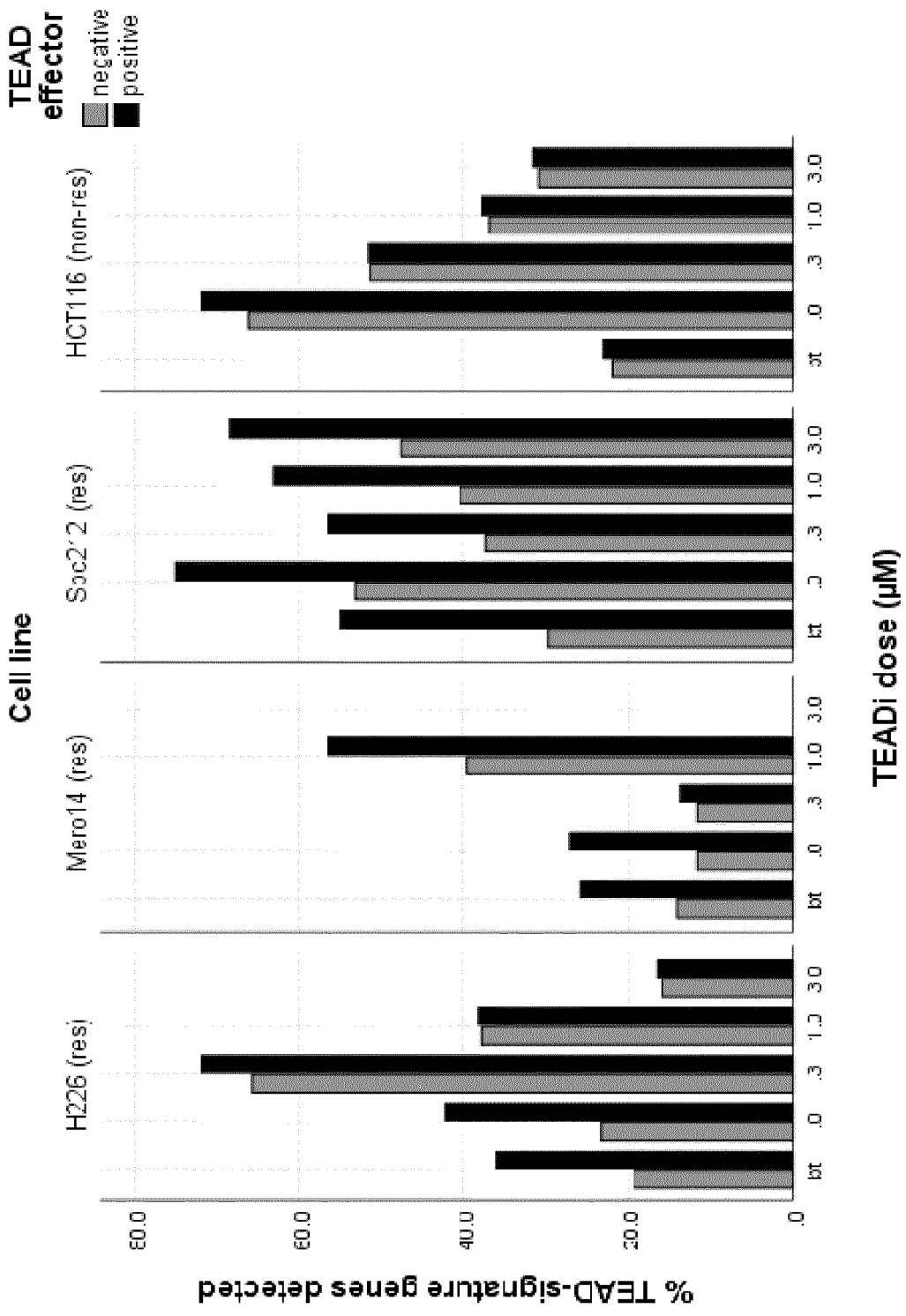
TEAD effector
negative
positive
Cell line
H226 (resi
Mero14 (res)
Soc2´2 (res)
HCT116 (non-res)
0.0
20.0
40.0
60.0
80.0
% TEAD-signature genes detected
0t
.0
.3
1.0
3.0
TEADi dose (µM)

FIGURE 3

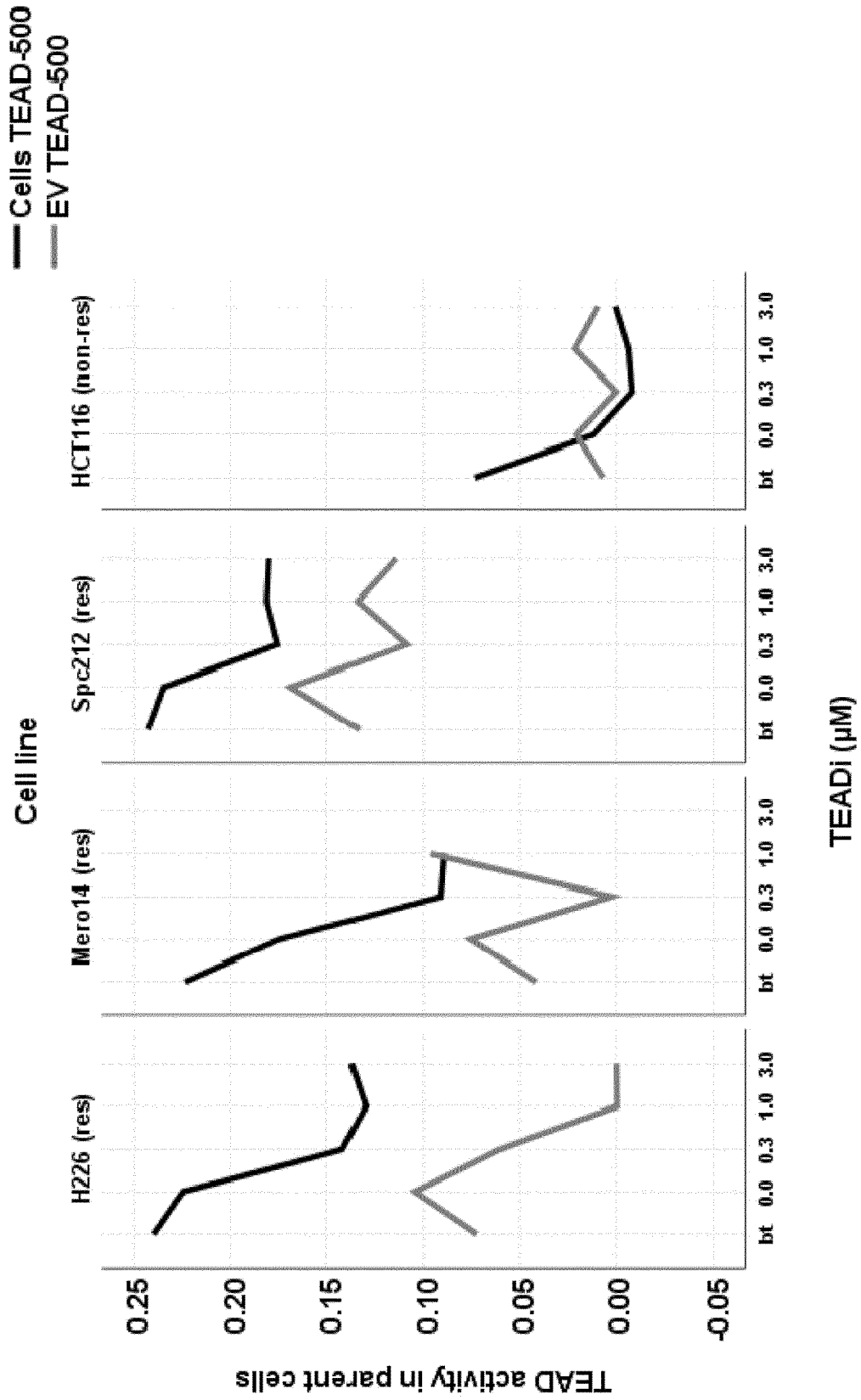
Cells TEAD-500
EV TEAD-500
Cell line
H226 (res)
Mero14 (res)
Spc212 (res)
HCT116 (non-res)
TEAD activity in parent cells
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
bt 0.0 0.3 1.0 3.0
TEADi (µM)

FIGURE 4

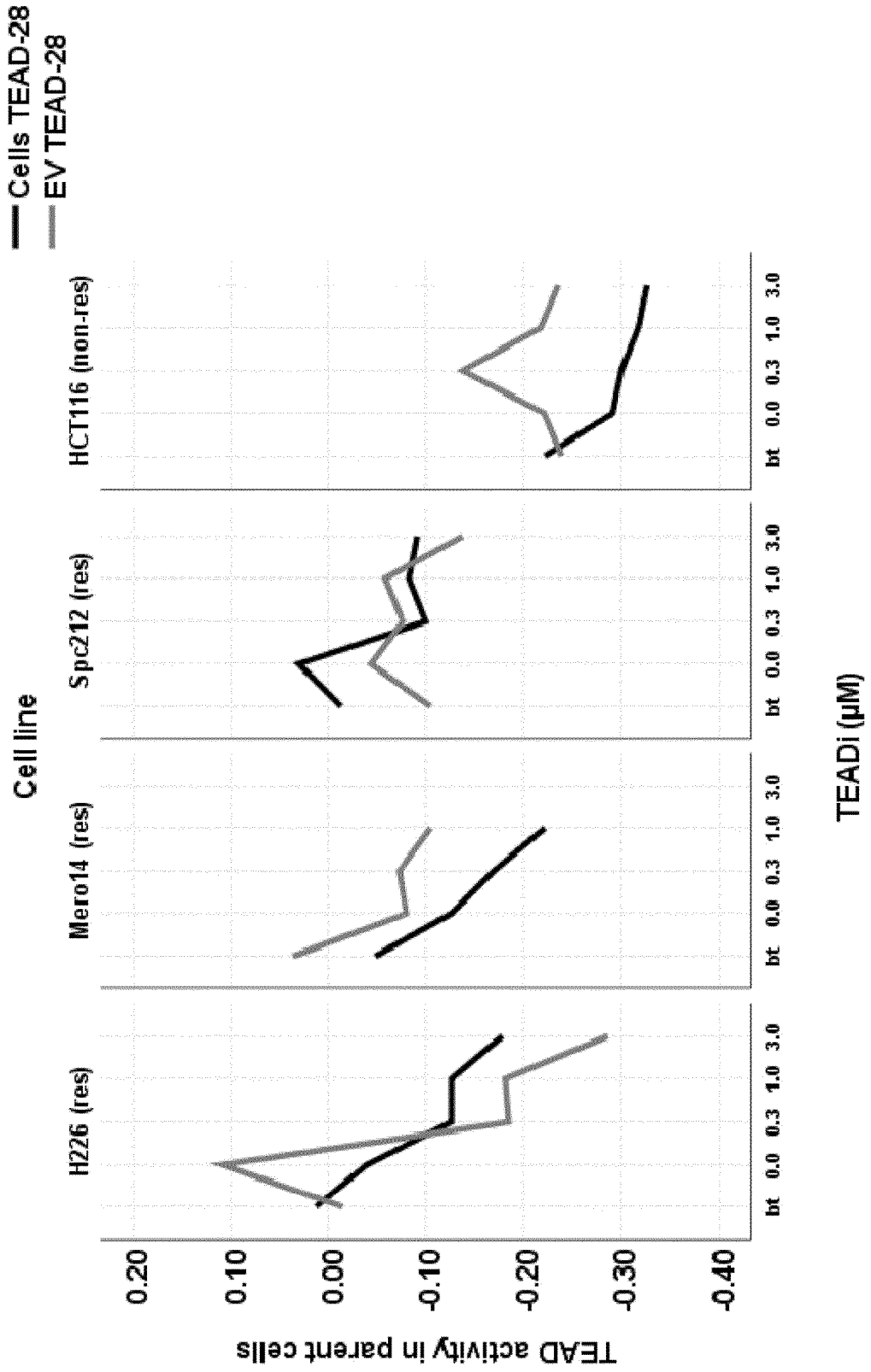
Cells TEAD-28
EV TEAD-28
Cell line
H226 (res)
Mero14 (res)
Spc212 (res)
HCT116 (non-res)
TEAD activity in parent cells
0.20
0.10
0.00
-0.10
-0.20
-0.30
-0.40
bt 0.0 0.3 1.0 3.0
TEADi (µM)

FIGURE 5

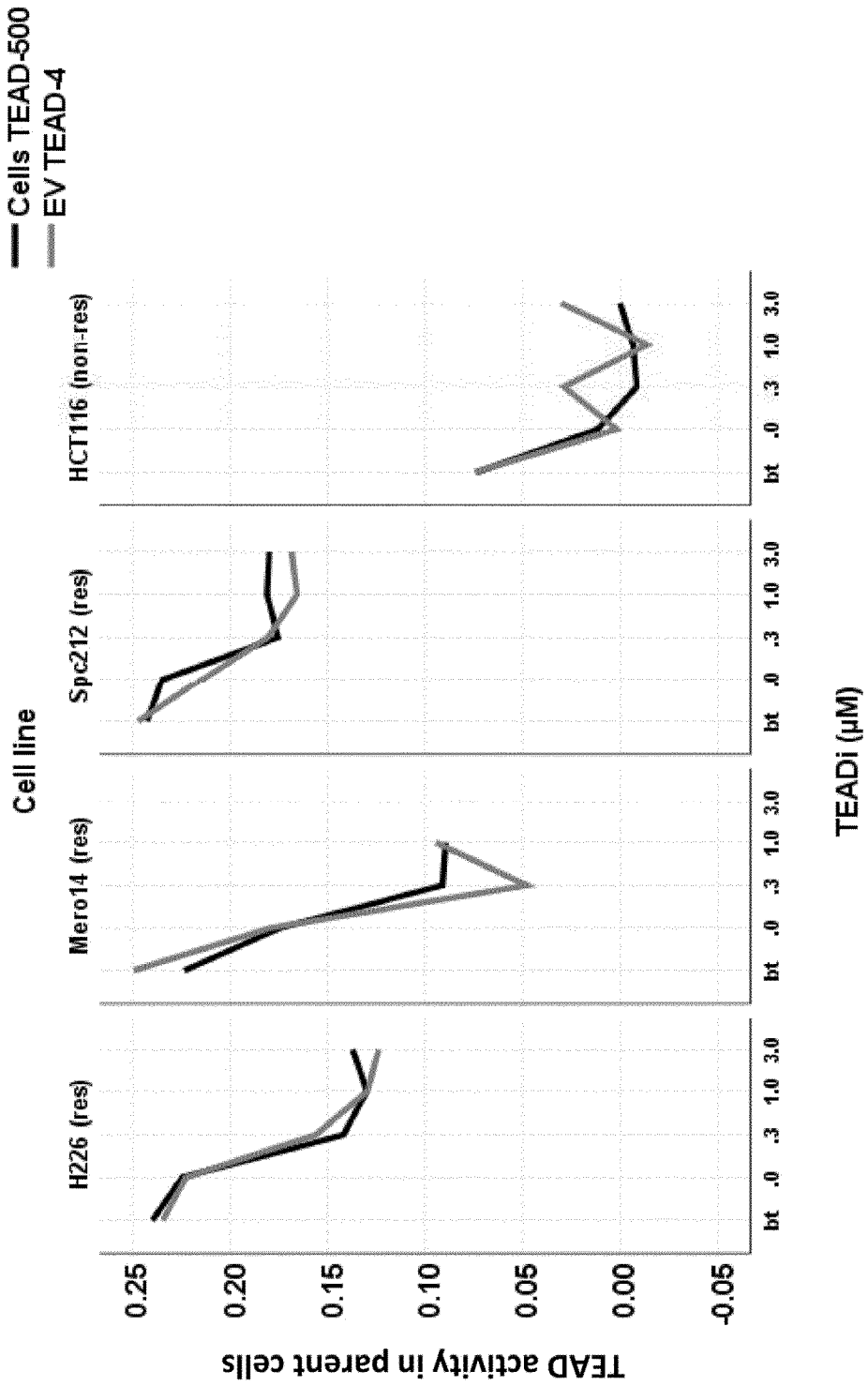
Cells TEAD-500
EV TEAD-4
Cell line
H226 (res)
Mero14 (res)
Spc212 (res)
HCT116 (non-res)
bt .0 .3 1.0 3.0
TEAD activity in parent cells
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
TEADi (µM)

FIGURE 6