Fig. 1

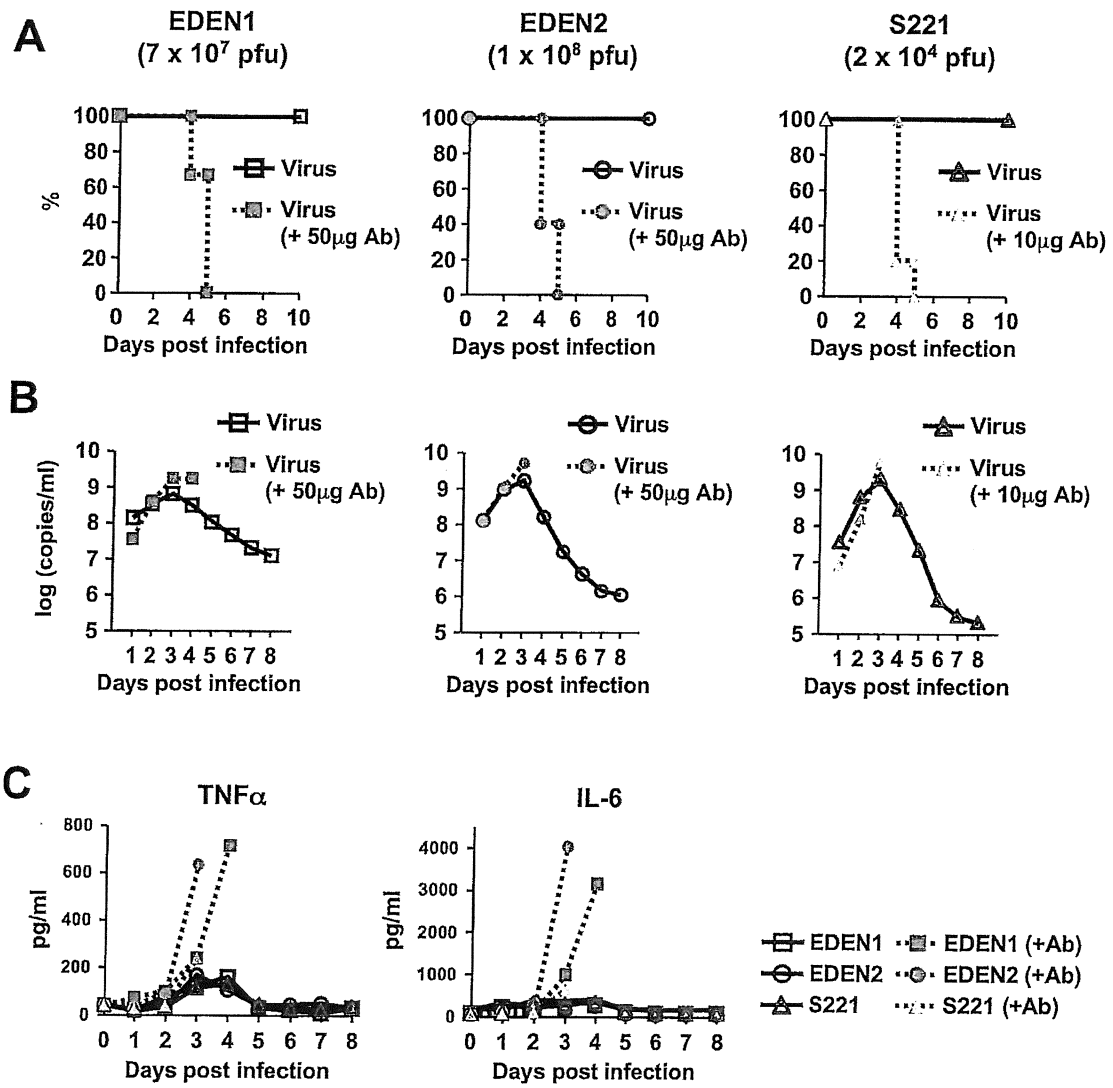

A
EDEN1
(7 x 10^7 pfu)
EDEN2
(1 x 10^8 pfu)
S221
(2 x 10^4 pfu)
%
Virus
Virus
(+ 50μg Ab)
(+ 10μg Ab)
Days post infection
B
log (copies/ml)
C
TNFα
IL-6
pg/ml
EDEN1
EDEN1 (+Ab)
EDEN2
EDEN2 (+Ab)
S221
S221 (+Ab)

Fig. 2

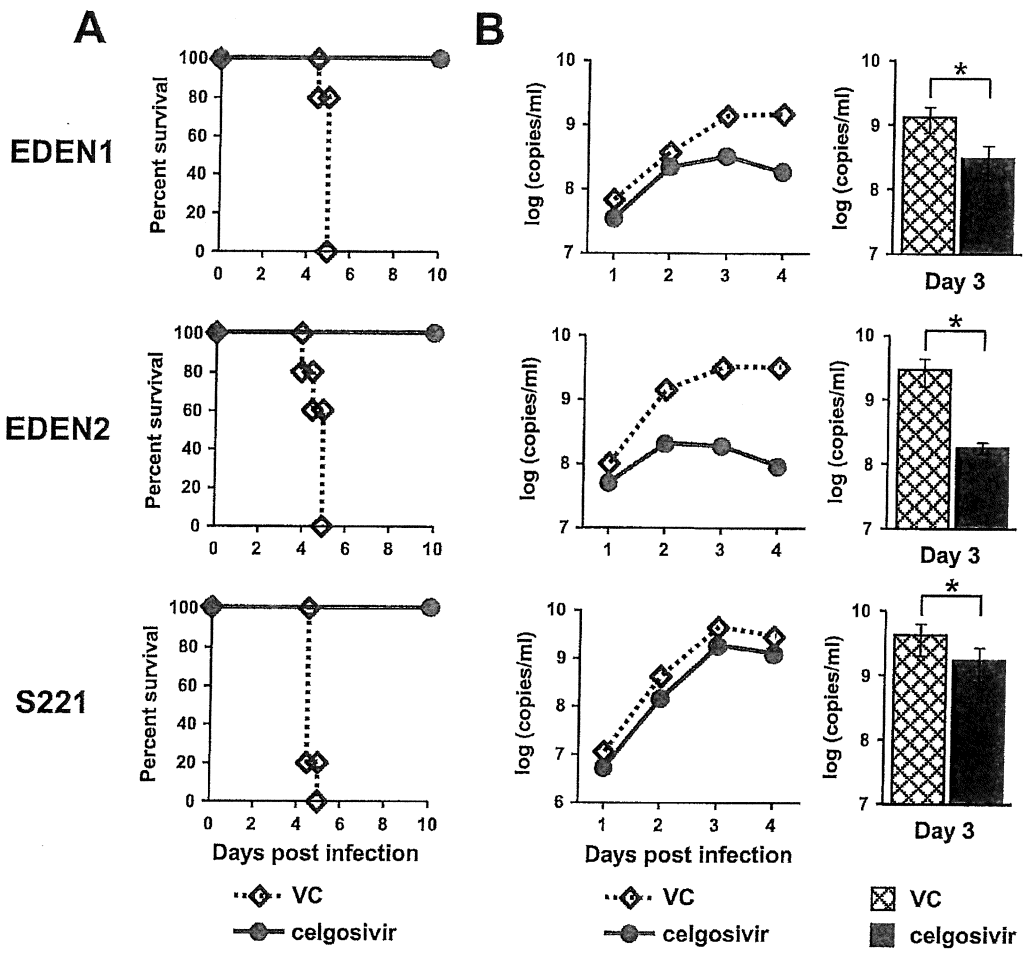

A
B
EDEN1
EDEN2
S221
Percent survival
log (copies/ml)
Day 3
Days post infection
VC
celgosivir
*

Fig. 3

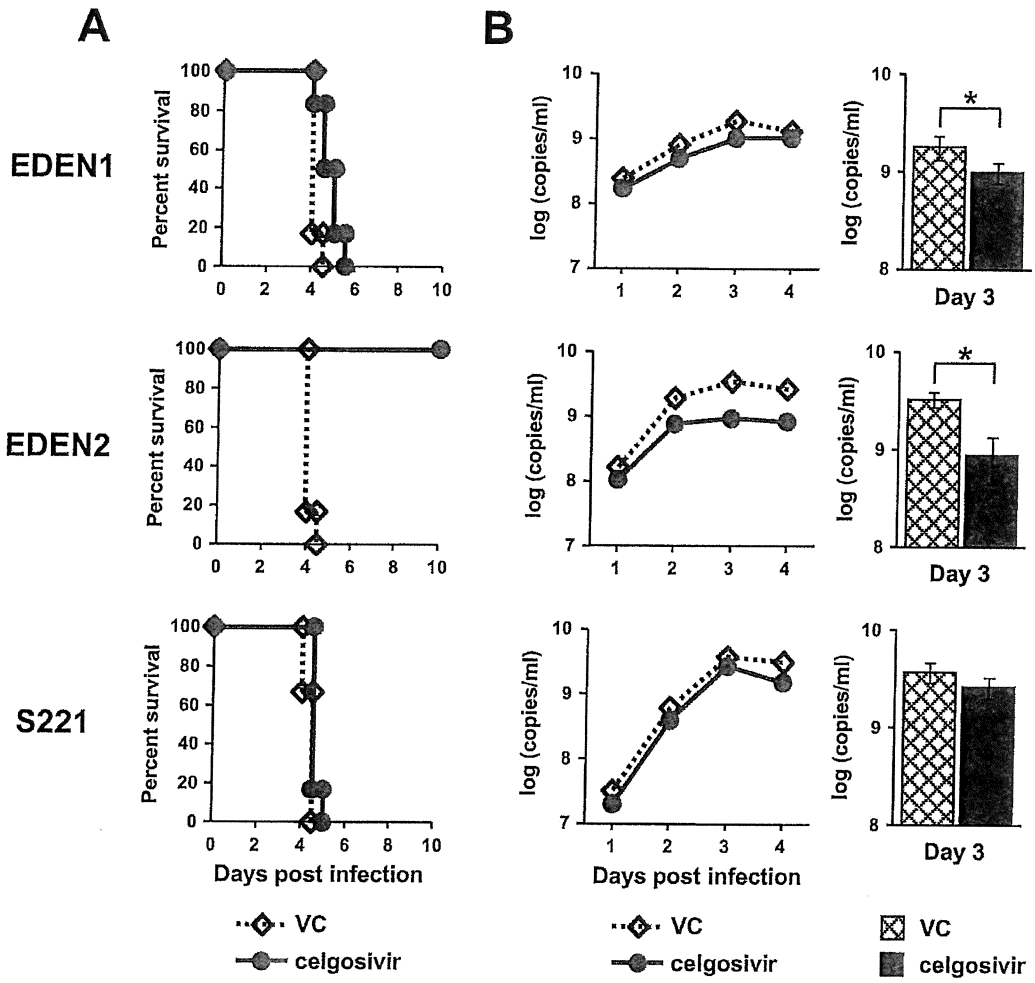

A
B
EDEN1
EDEN2
S221
Percent survival
log (copies/ml)
Day 3
Days post infection
VC
celgosivir
*

Fig. 4

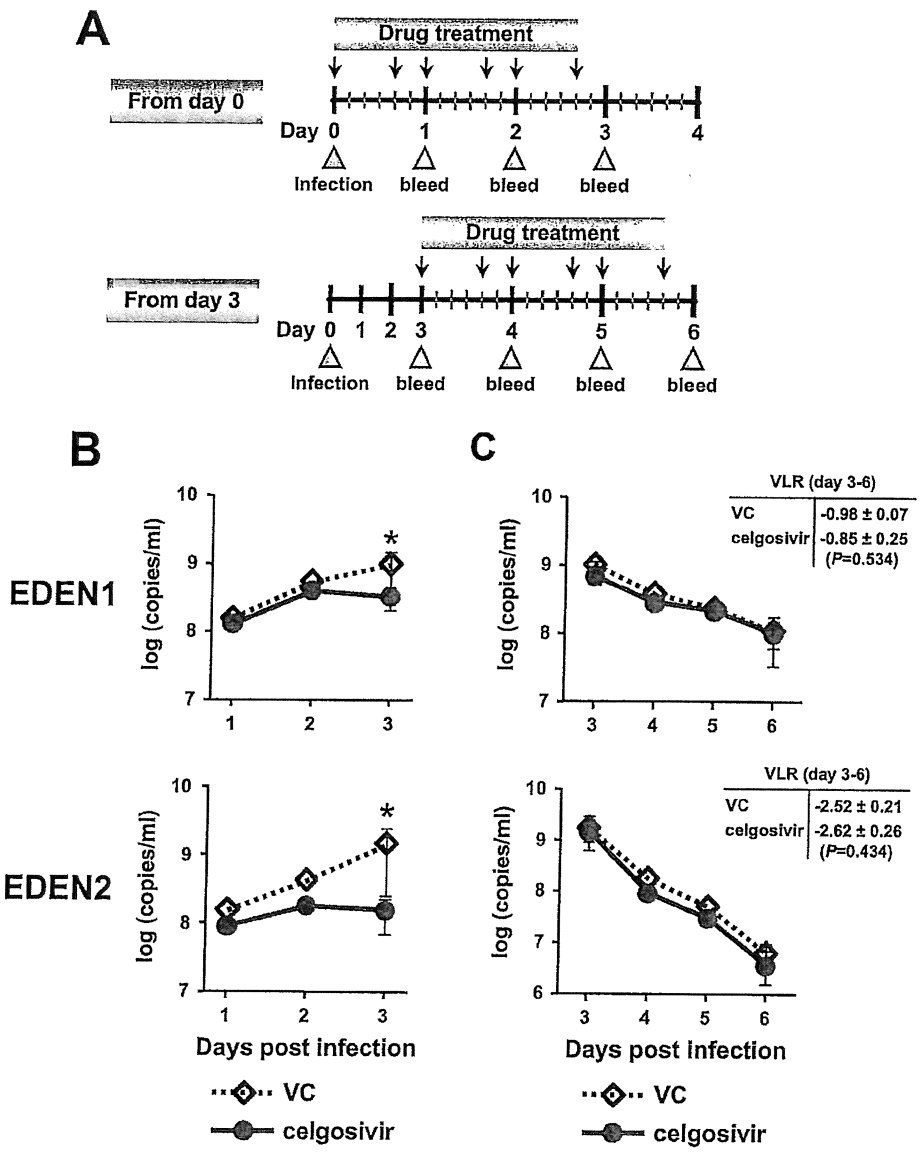

A
Drug treatment
From day 0
Day 0 1 2 3 4
Infection bleed bleed bleed
Drug treatment
From day 3
Day 0 1 2 3 4 5 6
Infection bleed bleed bleed bleed
B
C
EDEN1
EDEN2
log (copies/ml)
VLR (day 3-6)
VC -0.98 ± 0.07
celgosivir -0.85 ± 0.25
(P=0.534)
VC -2.52 ± 0.21
celgosivir -2.62 ± 0.26
(P=0.434)
Days post infection
VC
celgosivir

Fig. 5

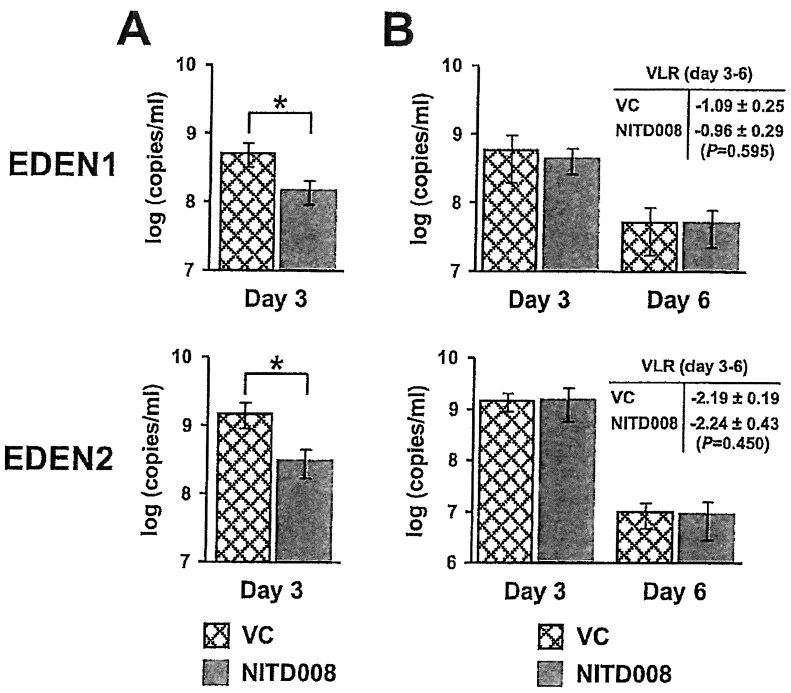

A
B
EDEN1
EDEN2
log (copies/ml)
10
9
8
7
6
*
Day 3
Day 6
VLR (day 3-6)
VC
NITD008
-1.09 ± 0.25
-0.96 ± 0.29
(P=0.595)
-2.19 ± 0.19
-2.24 ± 0.43
(P=0.450)
VC
NITD008

Fig. 6

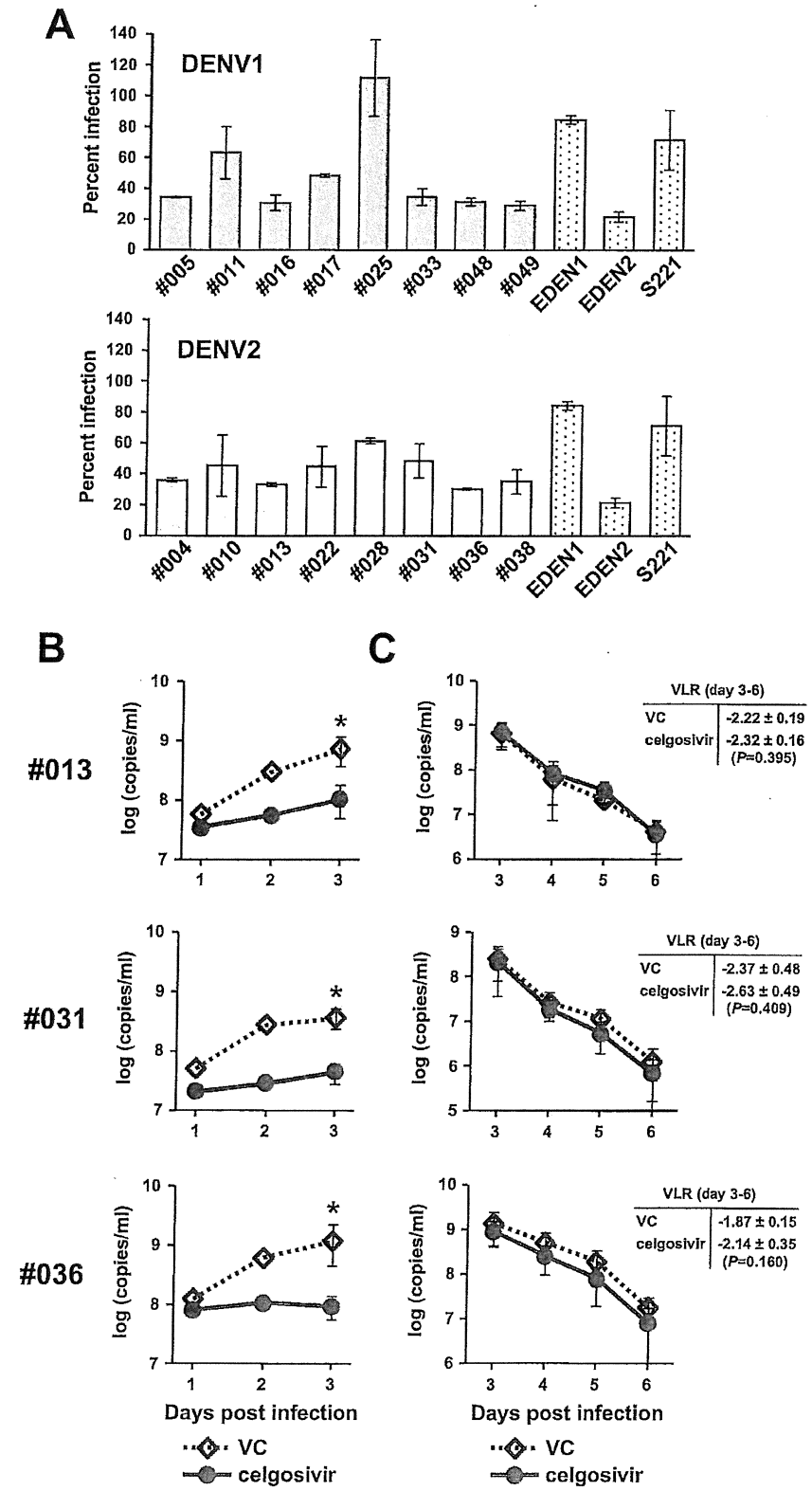

A
DENV1
Percent infection
140
120
100
80
60
40
20
0
#005
#011
#016
#017
#025
#033
#048
#049
EDEN1
EDEN2
S221
DENV2
Percent infection
#004
#010
#013
#022
#028
#031
#036
#038
EDEN1
EDEN2
S221
B
C
#013
#031
#036
log (copies/ml)
*
VLR (day 3-6)
VC -2.22 ± 0.19
celgosivir -2.32 ± 0.16
(P=0.395)
VC -2.37 ± 0.48
celgosivir -2.63 ± 0.49
(P=0.409)
VC -1.87 ± 0.15
celgosivir -2.14 ± 0.35
(P=0.160)
Days post infection
VC
celgosivir

Fig. 7

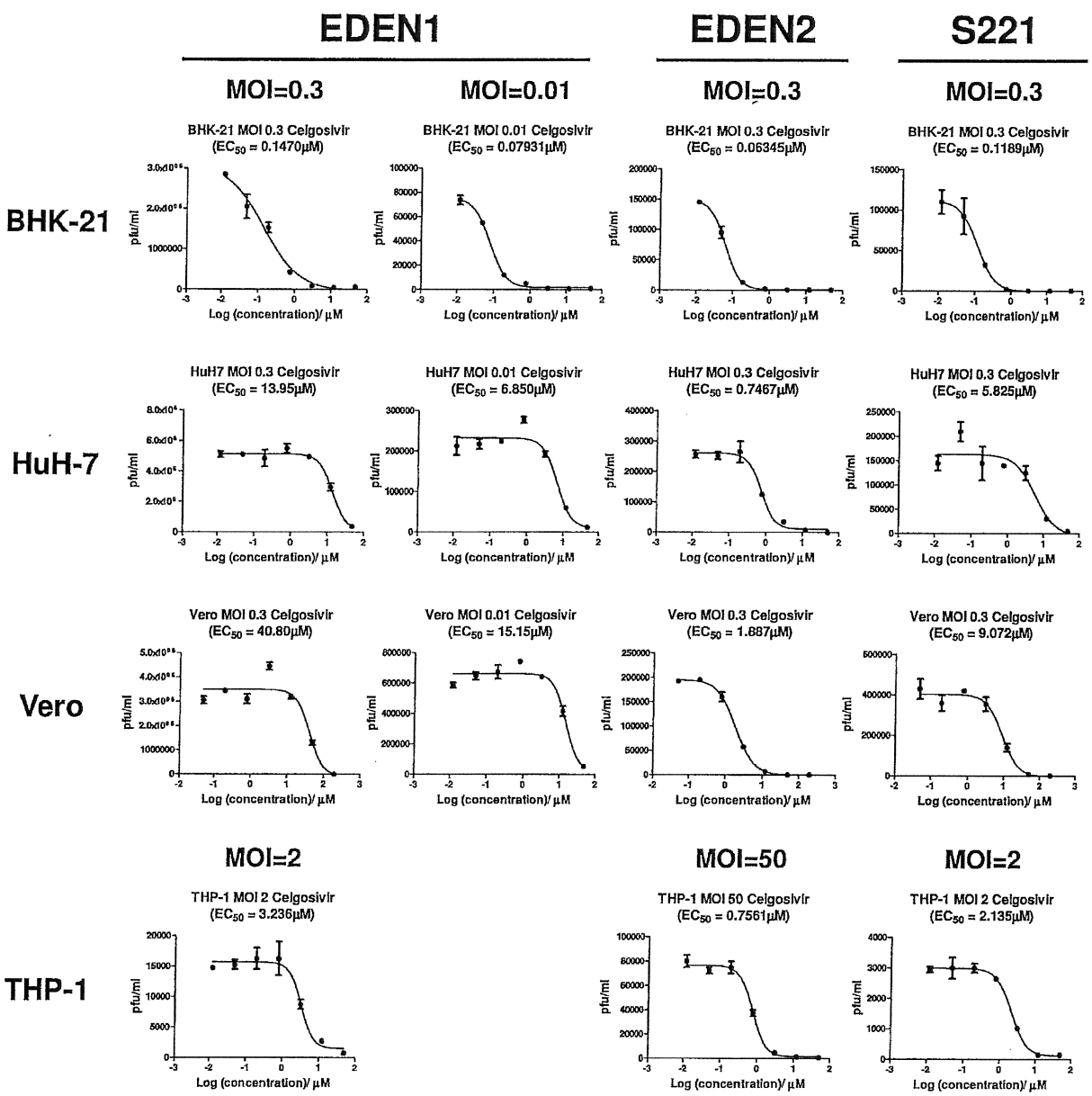
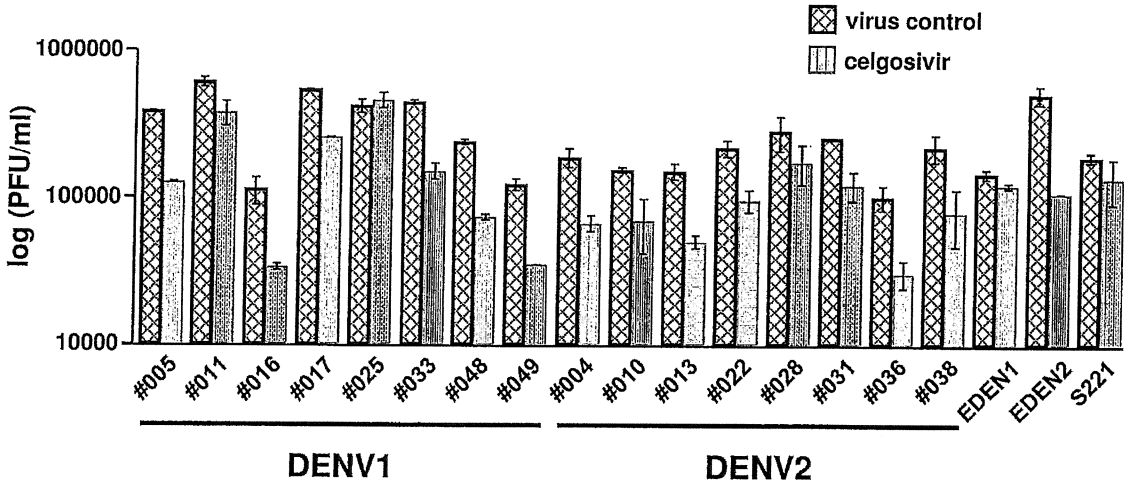

EDEN1
EDEN2
S221
MOI=0.3
MOI=0.01
MOI=0.3
MOI=0.3
BHK-21
BHK-21 MOI 0.3 Celgosivir
(EC50 = 0.1470μM)
BHK-21 MOI 0.01 Celgosivir
(EC50 = 0.07931μM)
BHK-21 MOI 0.3 Celgosivir
(EC50 = 0.06345μM)
BHK-21 MOI 0.3 Celgosivir
(EC50 = 0.1189μM)
HuH-7
HuH7 MOI 0.3 Celgosivir
(EC50 = 13.95μM)
HuH7 MOI 0.01 Celgosivir
(EC50 = 6.850μM)
HuH7 MOI 0.3 Celgosivir
(EC50 = 0.7467μM)
HuH7 MOI 0.3 Celgosivir
(EC50 = 5.825μM)
Vero
Vero MOI 0.3 Celgosivir
(EC50 = 40.80μM)
Vero MOI 0.01 Celgosivir
(EC50 = 15.15μM)
Vero MOI 0.3 Celgosivir
(EC50 = 1.687μM)
Vero MOI 0.3 Celgosivir
(EC50 = 9.072μM)
MOI=2
MOI=50
MOI=2
THP-1
THP-1 MOI 2 Celgosivir
(EC50 = 3.236μM)
THP-1 MOI 50 Celgosivir
(EC50 = 0.7561μM)
THP-1 MOI 2 Celgosivir
(EC50 = 2.135μM)
pfu/ml
Log (concentration)/ μM

Fig. 8


virus control
celgosivir
log (PFU/ml)
1000000
100000
10000
#005
#011
#016
#017
#025
#033
#048
#049
#004
#010
#013
#022
#028
#031
#036
#038
EDEN1
EDEN2
S221
DENV1
DENV2