Fig.1

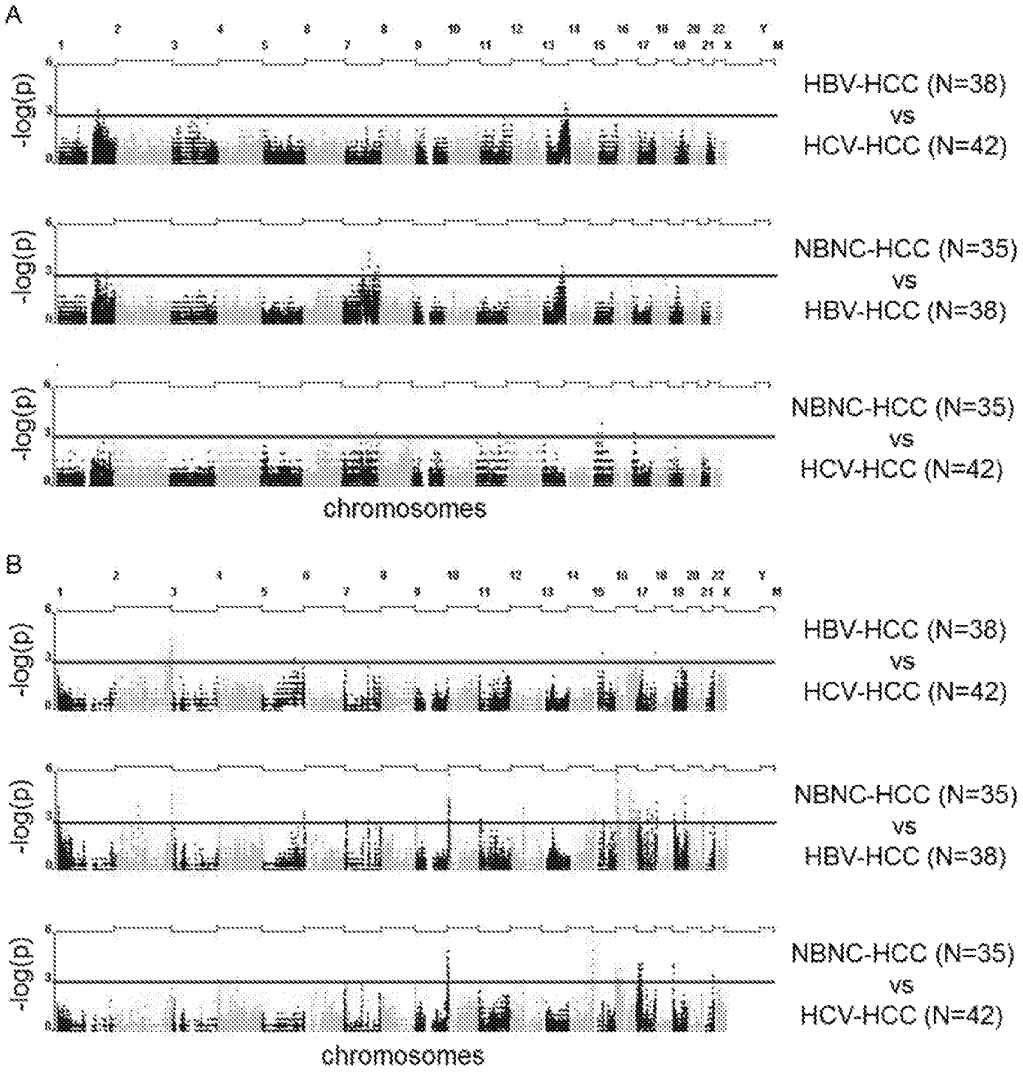

A
-log(p)
HBV-HCC (N=38)
vs
HCV-HCC (N=42)
NBNC-HCC (N=35)
vs
HBV-HCC (N=38)
NBNC-HCC (N=35)
vs
HCV-HCC (N=42)
chromosomes
B
-log(p)
HBV-HCC (N=38)
vs
HCV-HCC (N=42)
NBNC-HCC (N=35)
vs
HBV-HCC (N=38)
NBNC-HCC (N=35)
vs
HCV-HCC (N=42)
chromosomes

Fig. 2

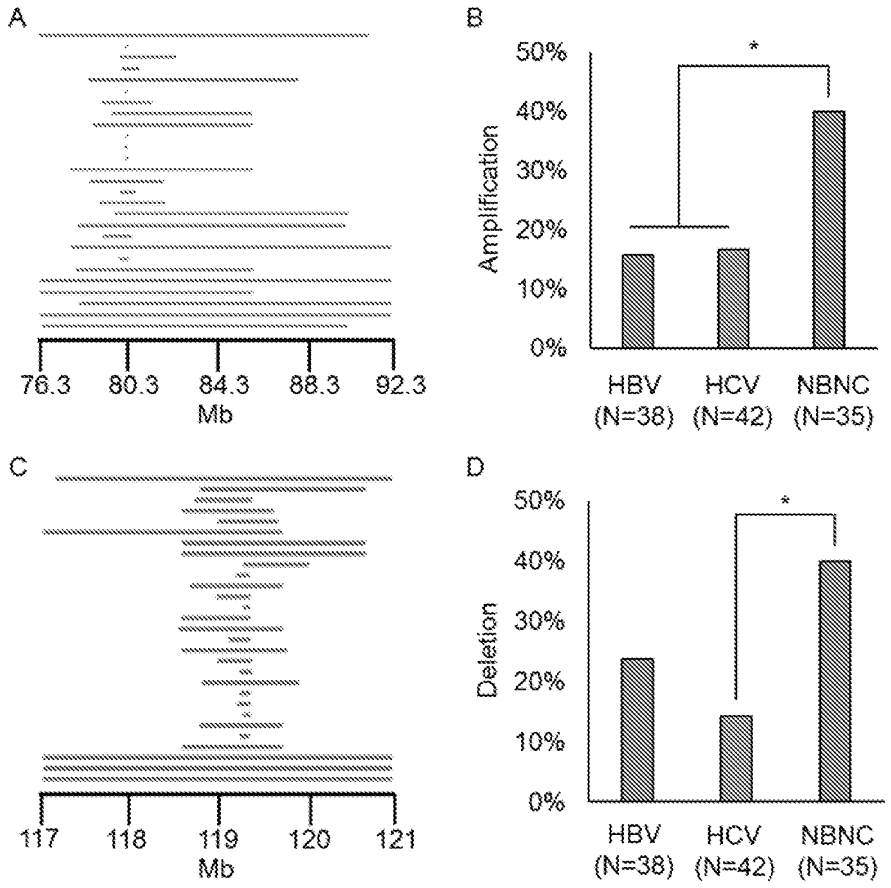

A
76.3
80.3
84.3
88.3
92.3
Mb
B
Amplification
50%
40%
30%
20%
10%
0%
*
HBV (N=38)
HCV (N=42)
NBNC (N=35)
C
117
118
119
120
121
Mb
D
Deletion
50%
40%
30%
20%
10%
0%
*
HBV (N=38)
HCV (N=42)
NBNC (N=35)

Fig.3

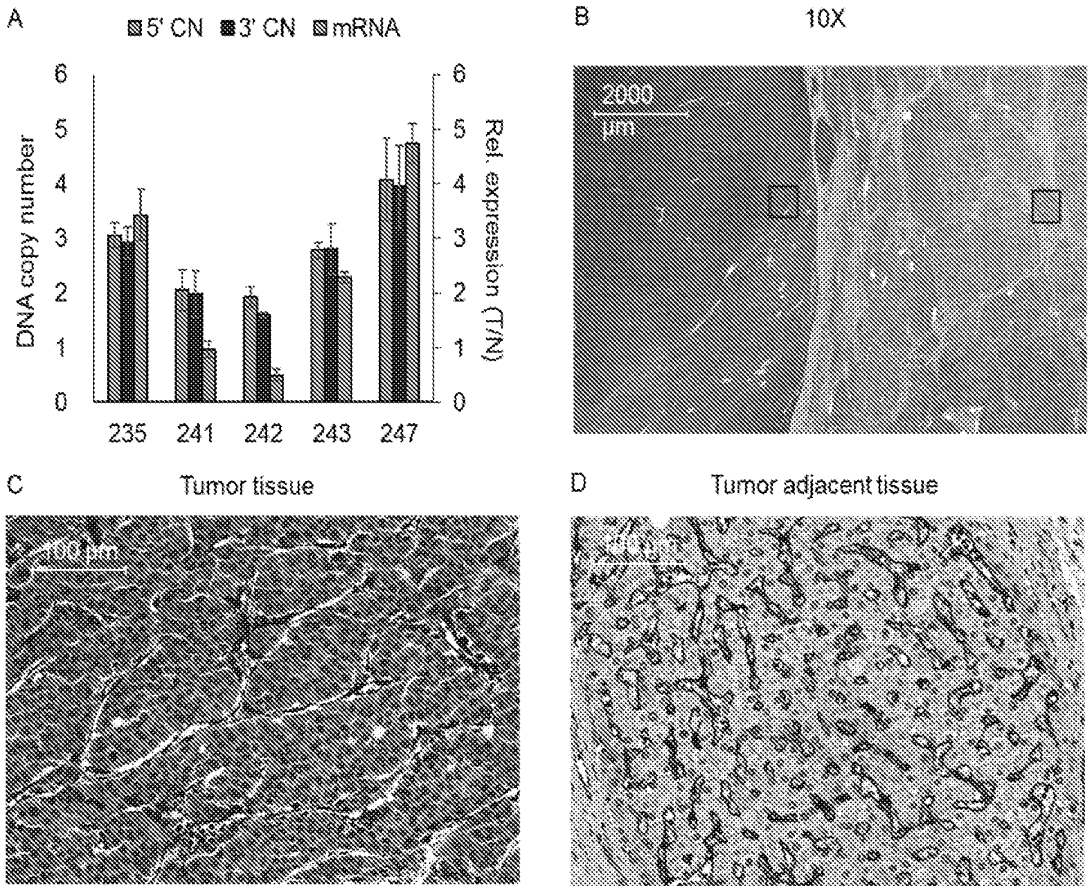

A
5' CN
3' CN
mRNA
DNA copy number
Rel. expression (T/N)
0
1
2
3
4
5
6
235
241
242
243
247
B
10X
2000 µm
C
Tumor tissue
100 µm
D
Tumor adjacent tissue
100 µm

Fig.4

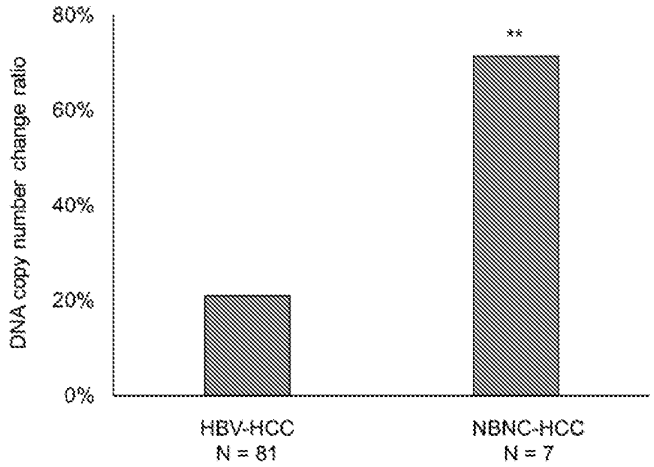

80%
60%
40%
20%
0%
DNA copy number change ratio
**
HBV-HCC
N = 81
NBNC-HCC
N = 7

Fig.5

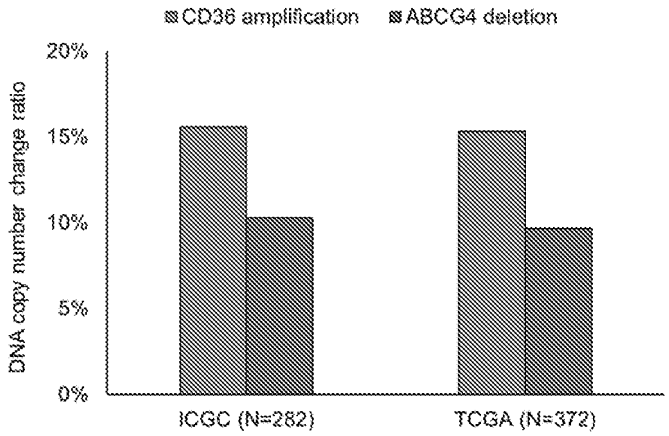
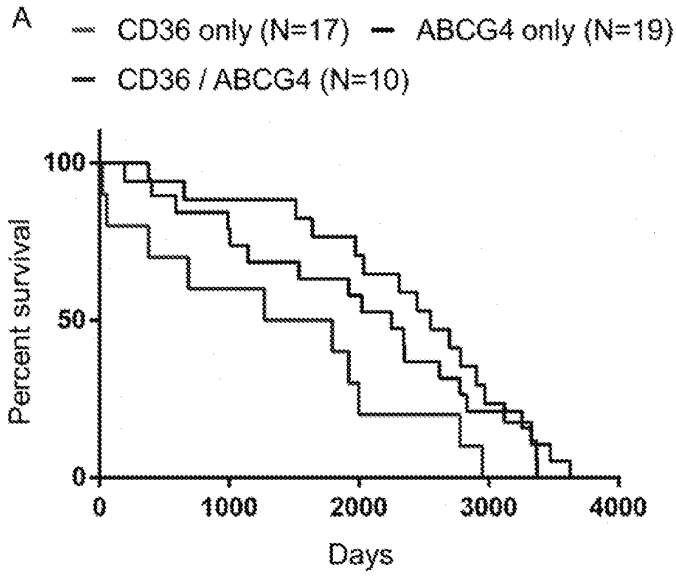

CD36 amplification
ABCG4 deletion
DNA copy number change ratio
20%
15%
10%
5%
0%
ICGC (N=282)
TCGA (N=372)

Fig.6


A
CD36 only (N=17)
ABCG4 only (N=19)
CD36 / ABCG4 (N=10)
Percent survival
100
50
0
0
1000
2000
3000
4000
Days

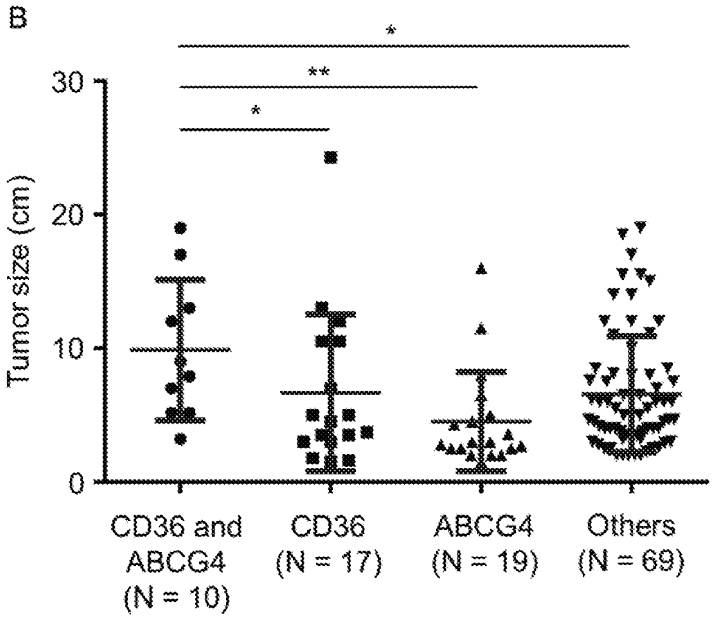
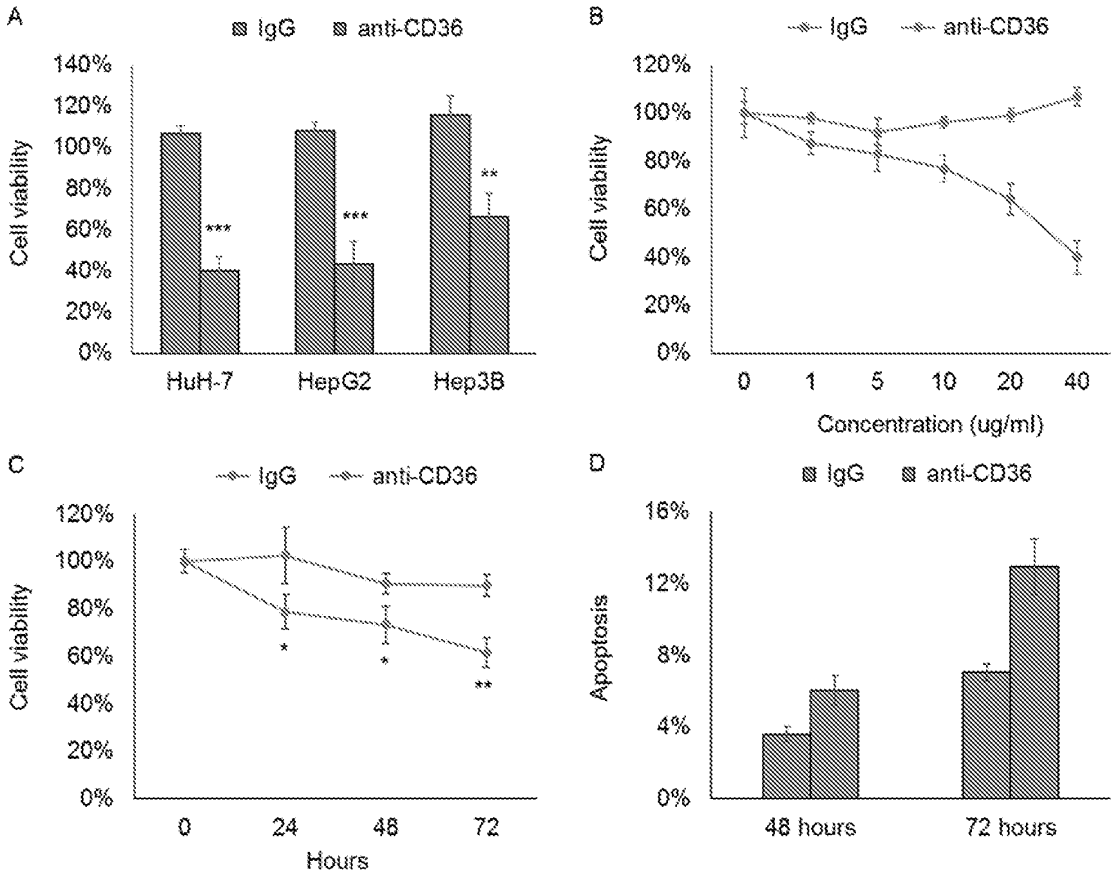

B
*
**
*
Tumor size (cm)
30
20
10
0
CD36 and ABCG4 (N = 10)
CD36 (N = 17)
ABCG4 (N = 19)
Others (N = 69)

Fig.7


A
IgG
anti-CD36
Cell viability
140%
120%
100%
80%
60%
40%
20%
0%
***
***
**
HuH-7
HepG2
Hep3B
B
IgG
anti-CD36
Cell viability
120%
100%
80%
60%
40%
20%
0%
0
1
5
10
20
40
Concentration (ug/ml)
C
IgG
anti-CD36
Cell viability
120%
100%
80%
60%
40%
20%
0%
*
*
**
0
24
48
72
Hours
D
IgG
anti-CD36
Apoptosis
16%
12%
8%
4%
0%
48 hours
72 hours