

SPOT	SAMPLE TYPE	CTNNB1 MUTATION EXON 3	GLUL MEAN SCORES	ACE2 MEAN SCORES	β-catenin ACTIVATION SCORE
A01	NORMAL LIVER CONTROL	not applied	unavailable spot	unavailable spot	0
A02			not applied	not applied	
A03				unavailable spot	
A04	NORMAL LIVER CONTROL	not applied	not applied	unavailable spots	0
A05					
A06					
A07	HCC	1	0.0	2.0	1
A08					
A09					
A10	HCC	0	0.0	1.0	9
A11					
A12					
B01	HCC	1	0.0	0.0	0
B02					
B03					
B04	HCC	1	2.5	0.0	9
B05					
B06					
B07	HCC	1	2.0	1.0	0
B08					
B09					
B10	HCC	0	1.0	1.0	6
B11					
B12					
C01	HCC	1	0.0	3.0	9
C02					
C03					
C04	HCC	1	2.0	2.0	12
C05					
C06					
C07	HCC	1	3.0	3.0	8
C08					
C09					
C10	HCC	1	4.0	3.0	9
C11					
C12					
C13	HCC	0	0.0	1.0	6
C14					
C15					
D01	HCC	1	1.7	1.0	3
D02					
D03					
D04	HCC	1	3.0	unavailable spots	12
D05					
D06					
D07	HCC	1	4.0	4.0	16
D08					
D09					
D10	HCC	1	3.0	2.0	4
D11					
D12					
D13	HCC	1	3.0	3.0	16
D14					
D15					
E01	HCC	1	3.0	3.0	6
E02					
E03					
E04	HCC	1	2.5	3.0	12
E05					
E06					
E07	HCC	1	4.0	4.0	20
E08					
E09					
E10	HCC	1	2.5	3.0	16
E11					
E12					
E13	HCC	1	4.0	3.0	16
E14					
E15					
F01	HCC	0	2.5	0.0	16
F02					
F03					
F04	HCC	0	0.0	0.0	0
F05					
F06					
F07	HCC	0	1.0	1.0	3
F08					
F09					
F10	HCC	0	0.0	0.0	0
F11					
F12					
F13	HCC	0	0.0	1.0	-2
F14					
F15					
G01	HCC	0	0.0	unavailable spots	0
G02					
G03					
G04	HCC	0	0.0	0.0	0
G05					
G06					
G07	HCC	0	1.5	1.2	9
G08					
G09					
G10	HCC	0	0.0	0.5	2
G11					
G12					
G13	HCC	0	0.0	0.0	4
G14					
G15					
H01	HCC	0	0.3	0.3	6
H02					
H03					
H04	HCC	0	1.0	1.7	-1
H05					
H06					
H07	HCC	1	4.0	1.0	16
H08					
H09					
H10	HCC	0	1.7	1.7	-2
H11					
H12					
H13	HCC	0	0.0	unavailable spots	0
H14					
H15					
I01	HCC	0	0.0	0.0	0
I02					
I03					
I04	HCC	0	1.0	0.0	0
I05					
I06					
I07	HCC	0	0.0	1.0	-2
I08					
I09					
I10	HCC	0	0.0	1.0	-1
I11					
I12					
I13	HCC	0	1.0	1.3	4
I14					
I15					