



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

LV2086 : Liver cancer survey tissue array (3 of 5), including TNM, clinical stage and pathology grade, 104 cases/208 cores

Microarray Panel	Hepatic carcinoma tissue microarray (slide 3 of 520 cases of liver cancer survey slide set), containing 104 cases of malignant tumor (93 hepatocellular carcinoma, 3 mixed carcinoma, 7 cholangiocellular carcinoma , 1 papillary cystadenocarcinoma), duplicate cores per case	
Cores	208	
Cases	104	
Row number	13	
Column number	16	
Core Diameter (mm)	1	
Thickness (µm)	5	
QA/QC	Anti-Cytokeratin (CK) confirmed	
Tissue Array Type	FFPE	
Species	Human	
Applications	Routine histology procedures including Immunohistochemistry (IHC) and In Situ Hybridization (ISH), protocols which can be found at our support page.	
Notes	1. TMA slides were sectioned and stored at 4°C and may not be fresh cut, but still suitable for IHC. Please request fresh cut if experiment involves phospho-specific antibodies, RNA studies, FISH or ISH, etc. A minimum of 3 slides per TMA must be purchased to cover the cost of trimming for fresh sectioning. 2. Most TMA slides were not coated with an extra layer of paraffin (tissue cores can be easily seen on the glass). To prevent tissue detachment during antigen retrieval, unbaked slides must be baked for at least 30 to 120 minutes at 60°C. before putting into xylene for de-paraffinization. Baked slides were sent out baked for 2 hours. In the following specsheets, “*” means invalid core; “-” means no applicable or negative in IHC markers.	

US Biomax, Inc. LV2086 (serial)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	A	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	B	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	C	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	D	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	E	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	F	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	G	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	H	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	I	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	J	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	K	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	L	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv
	M	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv	Liv

LV2086 E6

No.:70

Age:42

Sex:M

Organ/Anatomic Site:Liver

Pathology diagnosis:Hepatocellular carcinoma (hepatic tiss

TNM:T4N0M0

Grade:-

Stage:IIIb

Type:malignant

Legend:Liv - Liver

- Malignant tumor,
 - Malignant tumor (stage I),
 - Malignant tumor (stage II),
 - Malignant tumor (stage III),
 - Malignant tumor (stage IIIb),
 - Malignant tumor (stage IV)

Pos.	No.	Age	Sex	Organ/Anatomic Site	Pathology diagnosis	TNM	Grade	Stage	Type	Image
A1	1	62	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	
A2	2	62	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	

A3	3	47	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
A4	4	47	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
A5	5	40	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
A6	6	40	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
A7	7	70	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
A8	8	70	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
A9	9	48	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
A10	10	48	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
A11	11	62	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
A12	12	62	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
A13	13	56	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
A14	14	56	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
A15	15	50	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
A16	16	50	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
B1	17	58	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
B2	18	58	M	Liver	Hepatocellular carcinoma with necrosis	T2N0M0	2	II	malignant
B3	19	40	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
B4	20	40	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
B5	21	35	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
B6	22	35	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant
B7	23	49	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
B8	24	49	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
B9	25	66	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
B10	26	66	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
B11	27	51	F	Liver	Hepatocellular carcinoma	T1N0M0	2	I	malignant
B12	28	51	F	Liver	Hepatocellular carcinoma	T1N0M0	2	I	malignant
B13	29	58	F	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
B14	30	58	F	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
B15	31	65	F	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
B16	32	65	F	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
C1	33	50	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
C2	34	50	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
C3	35	55	M	Liver	Hepatocellular carcinoma	T1N0M0	2	I	malignant
C4	36	55	M	Liver	Hepatocellular carcinoma	T1N0M0	2	I	malignant
C5	37	60	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
C6	38	60	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
C7	39	57	F	Liver	Hepatocellular carcinoma	T2NOM0	2	II	malignant
C8	40	57	F	Liver	Hepatocellular carcinoma	T2NOM0	2	II	malignant
C9	41	23	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C10	42	23	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C11	43	42	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
C12	44	42	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
C13	45	45	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C14	46	45	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C15	47	60	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
C16	48	60	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D1	49	40	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
D2	50	40	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
D3	51	41	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D4	52	41	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D5	53	49	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D6	54	49	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D7	55	56	M	Liver	Hepatocellular carcinoma with necrosis	T3N0M0	3	III	malignant
D8	56	56	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant
D9	57	47	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
D10	58	47	M	Liver	Hepatocellular carcinoma	T2N0M0	1	II	malignant
D11	59	51	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D12	60	51	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant
D13	61	58	M	Liver	Hepatocellular carcinoma	T3N1N0	2	III	malignant
D14	62	58	M	Liver	Hepatocellular carcinoma	T3N1N0	2	III	malignant
D15	63	58	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
D16	64	58	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
E1	65	40	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
E2	66	40	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
E3	67	40	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant
E4	68	40	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant

E5	69	42	M	Liver	Hepatocellular carcinoma (hyperplasia of fibrous tissue and bile duct)	T4N0M0	-	IIIb	malignant	
E6	70	42	M	Liver	Hepatocellular carcinoma (hepatic tissue)	T4N0M0	-	IIIb	malignant	
E7	71	51	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
E8	72	51	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
E9	73	50	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
E10	74	50	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
E11	75	56	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
E12	76	56	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
E13	77	48	F	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
E14	78	48	F	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
E15	79	70	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
E16	80	70	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
F1	81	68	M	Liver	Hepatocellular carcinoma (chronic inflammation of fibrous tissue and blood vessel)	T3N0M0	-	III	malignant	
F2	82	68	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
F3	83	58	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant	
F4	84	58	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant	
F5	85	46	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant	
F6	86	46	M	Liver	Hepatocellular carcinoma	T3N0M0	1	III	malignant	
F7	87	60	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	
F8	88	60	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	
F9	89	52	F	Liver	Hepatocellular carcinoma (necrotic tissue)	T3N0M0	-	III	malignant	
F10	90	52	F	Liver	Hepatocellular carcinoma (necrotic tissue)	T3N0M0	-	III	malignant	
F11	91	64	F	Liver	Mixed hepatocellular carcinoma and cholangiocellular carcinoma	T3N0M0	-	III	malignant	
F12	92	64	F	Liver	Mixed hepatocellular carcinoma and cholangiocellular carcinoma	T3N0M0	-	III	malignant	
F13	93	52	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
F14	94	52	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
F15	95	45	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
F16	96	45	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
G1	97	63	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
G2	98	63	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
G3	99	67	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
G4	100	67	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
G5	101	41	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
G6	102	41	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
G7	103	45	M	Liver	Hepatocellular carcinoma	T1N0M0	2--3	I	malignant	
G8	104	45	M	Liver	Hepatocellular carcinoma	T1N0M0	2--3	I	malignant	
G9	105	34	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
G10	106	34	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
G11	107	52	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
G12	108	52	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
G13	109	36	F	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	
G14	110	36	F	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	
G15	111	45	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	
G16	112	45	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	
H1	113	61	M	Liver	Hepatocellular carcinoma	T1N0M0	2	I	malignant	
H2	114	61	M	Liver	Hepatocellular carcinoma	T1N0M0	2	I	malignant	
H3	115	69	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
H4	116	69	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
H5	117	50	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
H6	118	50	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
H7	119	48	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
H8	120	48	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	

I2	130	53	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
I3	131	56	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	
I4	132	56	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	
I5	133	49	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
I6	134	49	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
I7	135	52	M	Liver	Hepatocellular carcinoma	T3N1M0	3	III	malignant	
I8	136	52	M	Liver	Hepatocellular carcinoma	T3N1M0	3	III	malignant	
I9	137	65	F	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
I10	138	65	F	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
I11	139	45	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
I12	140	45	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
I13	141	60	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
I14	142	60	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
I15	143	41	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
I16	144	41	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
J1	145	45	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
J2	146	45	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
J3	147	55	M	Liver	Hepatocellular carcinoma	T2N0M0	2	II	malignant	
J4	148	55	M	Liver	Hepatocellular carcinoma (sparse) with necrosis	T2N0M0	2	II	malignant	
J5	149	58	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
J6	150	58	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
J7	151	49	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
J8	152	49	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
J9	153	40	F	Liver	Mixed hepatocellular carcinoma and cholangiocellular carcinoma	T2N0M0	-	II	malignant	
J10	154	40	F	Liver	Mixed hepatocellular carcinoma and cholangiocellular carcinoma	T2N0M0	-	II	malignant	
J11	155	62	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
J12	156	62	F	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
J13	157	52	F	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
J14	158	52	F	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
J15	159	49	F	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
J16	160	49	F	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
K1	161	46	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
K2	162	46	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
K3	163	69	F	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
K4	164	69	F	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
K5	165	42	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
K6	166	42	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
K7	167	58	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
K8	168	58	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
K9	169	47	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
K10	170	47	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
K11	171	43	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
K12	172	43	M	Liver	Hepatocellular carcinoma	T3N0M0	2	III	malignant	
K13	173	56	F	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
K14	174	56	F	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
K15	175	62	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
K16	176	62	M	Liver	Hepatocellular carcinoma (sparse)	T2N0M0	3	II	malignant	
L1	177	61	F	Liver	Hepatocellular carcinoma with necrosis	T3N0M0	3	III	malignant	
L2	178	61	F	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
L3	179	69	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
L4	180	69	M	Liver	Hepatocellular carcinoma	T3N0M0	3	III	malignant	
L5	181	61	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
L6	182	61	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
L7	183	34	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
L8	184	34	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
L9	185	41	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
L10	186	41	M	Liver	Hepatocellular carcinoma	T2N0M0	3	II	malignant	
L11	187	50	M	Liver	Hepatocellular carcinoma	T1N0M0	3	I	malignant	
L12	188	50	M	Liver	Hepatocellular carcinoma	T1N0M0	3	I	malignant	
L13	189	36	M	Liver	Hepatocellular carcinoma	T1N0M0	3	I	malignant	
L14	190	36	M	Liver	Hepatocellular carcinoma (hyperplasia of hepatic tissue)	T1N0M0	-	I	malignant	
L15	191	56	F	Liver	Mixed hepatocellular carcinoma and cholangiocellular carcinoma	T2N0M0	-	II	malignant	

L16	192	56	F	Liver	Mixed hepatocellular carcinoma and cholangiocellular carcinoma	T2N0M0	-	II	malignant	
M1	193	66	M	Liver	Cholangiocellular carcinoma	T2N0M0	2	II	malignant	
M2	194	66	M	Liver	Cholangiocellular carcinoma	T2N0M0	1	II	malignant	
M3	195	67	M	Liver	Cholangiocellular carcinoma	T3N0M1	2	IV	malignant	
M4	196	67	M	Liver	Cholangiocellular carcinoma	T3N0M1	2	IV	malignant	
M5	197	49	M	Liver	Cholangiocellular carcinoma	T2N0M0	2	II	malignant	
M6	198	49	M	Liver	Cholangiocellular carcinoma	T2N0M0	2	II	malignant	
M7	199	62	F	Liver	Cholangiocellular carcinoma	T2N0M0	2	II	malignant	
M8	200	62	F	Liver	Cholangiocellular carcinoma	T2N0M0	2	II	malignant	
M9	201	56	M	Liver	Cholangiocellular carcinoma	T3N0M0	2–3	III	malignant	
M10	202	56	M	Liver	Cholangiocellular carcinoma	T3N0M0	2–3	III	malignant	
M11	203	48	F	Liver	Cholangiocellular carcinoma	T2N0M0	2–3	II	malignant	
M12	204	48	F	Liver	Cholangiocellular carcinoma	T2N0M0	2–3	II	malignant	
M13	205	54	F	Liver	Cholangiocellular carcinoma	T3N0M0	3	III	malignant	
M14	206	54	F	Liver	Cholangiocellular carcinoma	T3N0M0	3	III	malignant	
M15	207	58	F	Liver	Serous papillary cystadenocarcinoma of intra hepatic bile duct	T2N0M0	1	II	malignant	
M16	208	58	F	Liver	Serous papillary cystadenocarcinoma of intra hepatic bile duct	T2N0M0	1	II	malignant	
-	0	58	M	Skin	Malignant melanoma (tissue marker)		-		Malignant	

TNM grading:

T - Primary tumor

Tx - Primary tumor cannot be assessed

T0 - No evidence of primary tumor

Tis - Carcinoma in situ; intraepithelial or invasion of lamina propria

T1 - Tumor invades submucosa

T2 - Tumor invades muscularis propria

T3 - Tumor invades through muscularis propria into subserosa or into non-peritonealized pericolic or perirectal tissues.

T4 - Tumor directly invades other organs or structures and/or perforate visceral peritoneum

N - Regional lymph nodes

Nx - Regional lymph nodes cannot be assessed

N0 - No regional lymph node metastasis

N1 - Metastasis in 1 to 3 regional lymph nodes

N2 - Metastasis in 4 or more regional lymph nodes

M - Distant metastasis

Mx - Distant metastasis cannot be assessed

M0 - No distant metastasis

M1 - Distant metastasis

AMSBIO | www.amsbio.com | info@amsbio.com



UK & Rest of the World
184 Park Drive, Milton Park
Abingdon OX14 4SE, UK
T: +44 (0)1235 828 200
F: +44 (0) 1235 820 482



North America
1035 Cambridge Street,
Cambridge, MA 02141
T: +1 (617) 945-5033 or
T: +1 (800) 987-0985
F: +1 (617) 945-8218



Germany
Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
T: +49 (0) 69 779099
F: +49 (0) 69 13376880



Switzerland
Centro Nord-Sud 2E
CH-6934 Bioggio-Lugano
T: +41(0) 91 604 55 22
F: +41(0) 91 605 17 85