



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ME2082d : Malignant melanoma with skin tissue array, including TNM and clinical stage, 188 cases/192 cores(1.0mm), replacing ME2082c

Microarray Panel	Malignant melanoma with skin tissue microarray, containing 112 cases malignant melanoma, 64 metastatic malignant melanoma (4 cases matched with malignant melanoma), 8 adjacent normal skin tissue, 8 skin tissue, single core per block		
Cores	192	ME2082d H&E 	
Cases	188		
Row number	12		
Column number	16		
Core Diameter (mm)	1		
Thickness (µm)	5		
Quality Control	H&E and IHC confirmed(S-100,HMB45)		
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 specsheet, "*" means invalid core; "-" means no applicable or negative in IHC markers.		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	Sk1	Par	Eso	Eso	Sma	Sma	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec
B	Rec	Rec	Rec	Rec	Rec	Sk1	Sk1	Sto	Sto	Vul	Vul	Vul	Vul	Vul	Vul	Vul
C	Cer	Sk1	Med	Sk1	Cer	Ure	Scr	Scr	Scr	Sk1	Nos	Nos	Max	Nos	Nos	Sk1
D	Sk1	Sk1	Rec	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1
E	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1
F	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1
G	Sk1	Sk1	Sk1	Sk1	Eye	Eye	Eye	Eye	Eye	Eye	Eye	Eye	Eye	Eye	Eye	Eye
H	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym
I	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym
J	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym
K	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym	Lym
L	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Sk1	Adr

Legend: Cer - Cerebrum, Eso - Esophagus, Eye - Eye, Lym - Lymph node, Max - Maxillary sinus, Med - Mediastinum, Nos - Nose, Par - Parotid gland, Rec - Rectum, Scr - Scrotum, Sk1 - Skin, Sma - Small intestine, Sto - Stomach, Ure - Urethra, Vul - Vulva

● - Malignant tumor, ● - Malignant tumor, ● - Malignant tumor (stage IA), ● - Malignant tumor (stage IB), ● - Malignant tumor (stage IIA), ● - Malignant tumor (stage IIB), ● - Malignant tumor (stage IIC), ● - Malignant tumor (stage III), ● - Malignant tumor (stage IV), ● - Metastasis, ● - NAT, ● - Normal tissue

, tissue IDs are available in exported Excel files.

Pos.	No.	Age	Sex	Organ/Anatomic Site	Pathology diagnosis	TNM	Grade	Stage	Type	Image
A1	1	40	M	Skin	Malignant melanoma of right chest wall	T4aN0M0		IIB	Malignant	
A2	2	70	F	Parotid gland	Malignant melanoma of left parotid gland	-		-	Malignant	
A3	3	50	M	Esophagus	Malignant melanoma	-		-	Malignant	
A4	4	64	M	Esophagus	Malignant melanoma	-		-	Malignant	
A5	5	73	M	Small intestine	Malignant melanoma	-		-	Malignant	
A6	6	71	M	Small intestine	Malignant melanoma	-		-	Malignant	
A7	7	64	M	Rectum	Malignant melanoma	-		-	Malignant	
A8	8	42	F	Rectum	Malignant melanoma	-		-	Malignant	
A9	9	67	M	Rectum	Malignant melanoma	-		-	Malignant	
A10	10	67	F	Rectum	Malignant melanoma	-		-	Malignant	
A11	11	66	F	Rectum	Malignant melanoma (sparse)	-		-	Malignant	
A12	12	47	M	Rectum	Malignant melanoma	-		-	Malignant	
A13	13	64	F	Rectum	Malignant melanoma	-		-	Malignant	
A14	14	75	M	Rectum	Malignant melanoma	-		-	Malignant	
A15	15	66	M	Rectum	Malignant melanoma	-		-	Malignant	

A16	16	54	F	Rectum	Malignant melanoma	-	-	Malignant	
B1	17	52	F	Rectum	Malignant melanoma	-	-	Malignant	
B2	18	82	F	Rectum	Malignant melanoma of anal canal	T4aN0M0	IIB	Malignant	
B3	19	57	M	Rectum	Malignant melanoma of anal canal	T4aN0M0	IIB	Malignant	
B4	20	84	F	Rectum	Malignant melanoma of anus	T4bN0M0	IIC	Malignant	
B5	21	69	F	Rectum	Malignant melanoma of anal canal (sparse)	T4bN3M1	IV	Malignant	
B6	22	62	F	Skin	Malignant melanoma of left sole of foot	T4aN0M0	IIB	Malignant	
B7	23	31	M	Skin	Malignant melanoma of left upper arm	T4N1M0	III	Malignant	
B8	24	55	M	Stomach	Malignant melanoma	-	-	Malignant	
B9	25	55	M	Stomach	Malignant melanoma	-	-	Malignant	
B10	26	41	F	Vulva	Malignant melanoma	T4aN0M0	IIB	Malignant	
B11	27	34	F	Vulva	Malignant melanoma	T4aN0M0	IIB	Malignant	
B12	28	45	F	Vulva	Malignant melanoma	T4aN0M0	IIB	Malignant	
B13	29	38	F	Vulva	Malignant melanoma	T4aN0M0	IIB	Malignant	
B14	30	62	F	Vulva	Malignant melanoma of vagina	-	-	Malignant	
B15	31	44	F	Vulva	Malignant melanoma	T4aN0M0	IIB	Malignant	
B16	32	57	F	Vulva	Malignant melanoma	T4aN0M0	IIB	Malignant	
C1	33	44	F	Cervix	Malignant melanoma	-	-	Malignant	
C2	34	62	F	Skin	Malignant melanoma of right foot	T4aN0M0	IIB	Malignant	
C3	35	51	M	Mediastinum	Malignant melanoma	-	-	Malignant	
C4	36	72	F	Skin	Malignant melanoma of waist	T4aN0M0	IIB	Malignant	
C5	37	50	F	Cerebrum	Malignant melanoma of left cerebrum	T4aN0M0	IIB	Malignant	
C6	38	62	F	Urethra	Malignant melanoma	-	-	Malignant	
C7	39	62	M	Scrotum	Malignant melanoma	T4bN0M0	IIC	Malignant	
C8	40	46	M	Scrotum	Malignant melanoma	T4aN0M0	IIB	Malignant	
C9	41	55	M	Scrotum	Malignant melanoma	T4N1M0	III	Malignant	
C10	42	64	M	Skin	Malignant melanoma of sole of foot	T4aN0M0	IIB	Malignant	
C11	43	78	M	Nose	Malignant melanoma of left nasal cavity	-	-	Malignant	
C12	44	38	F	Nose	Malignant melanoma of left nasal cavity	-	-	Malignant	
C13	45	56	F	Maxillary sinus	Malignant melanoma of right maxillary sinus	-	-	Malignant	
C14	46	50	M	Nose	Malignant melanoma	-	-	Malignant	
C15	47	63	M	Nose	Malignant melanoma	-	-	Malignant	
C16	48	71	F	Skin	Malignant melanoma of right sole of foot	T2aN0M0	IB	Malignant	
D1	49	49	F	Skin	Malignant melanoma with necrosis of back	T4aN0M0	IIB	Malignant	
D2	50	45	F	Skin	Malignant melanoma of left thigh	T4aN0M0	IIB	Malignant	
D3	51	38	F	Rectum	Malignant melanoma	-	-	Malignant	
D4	52	49	M	Skin	Malignant melanoma of left thigh	T4aN0M0	IIB	Malignant	
D5	53	65	M	Skin	Malignant melanoma of right sole of foot	T2bN0M0	IB	Malignant	
D6	54	42	F	Skin	Malignant melanoma of right thigh	T4aN0M0	IIB	Malignant	
D7	55	71	M	Skin	Malignant melanoma of right buttock	T4aN0M0	IIB	Malignant	
D8	56	67	F	Skin	Malignant melanoma of right armpit	T2aN0M0	IB	Malignant	
D9	57	42	F	Skin	Malignant melanoma of left thumb	T4bN0M0	IIC	Malignant	
D10	58	58	F	Skin	Malignant melanoma of left buttock	T4aN0M0	IIB	Malignant	
D11	59	50	M	Skin	Malignant melanoma of left shoulder	T4aN0M0	IIB	Malignant	
D12	60	7	M	Skin	Malignant melanoma of sacrococcygeal region	T4aN0M0	IIB	Malignant	
D13	61	25	M	Skin	Malignant melanoma of left sole of foot	T4bN0M0	IIC	Malignant	
D14	62	66	M	Skin	Malignant melanoma of sole of foot	T4bN0M0	IIC	Malignant	
D15	63	45	F	Skin	Malignant melanoma of chest wall	T4aN0M0	IIB	Malignant	
D16	64	41	M	Skin	Malignant melanoma of left forearm	T4aN0M0	IIB	Malignant	
E1	65	57	M	Skin	Malignant melanoma of left shoulder	T4aN0M0	IIB	Malignant	
E2	66	52	M	Skin	Malignant melanoma of left lower abdominal wall	T4bN0M0	IIC	Malignant	
E3	67	56	M	Skin	Malignant melanoma of abdominal wall	T4aN0M0	IIB	Malignant	
E4	68	54	F	Skin	Malignant melanoma of left foot	T4aN0M0	IIB	Malignant	
E5	69	83	F	Skin	Malignant melanoma of right little finger	T4bN0M0	IIC	Malignant	
E6	70	46	F	Skin	Malignant melanoma of thigh	T4bN0M0	IIC	Malignant	
E7	71	38	M	Skin	Malignant melanoma of right sole of foot	T3N1M0	III	Malignant	
E8	72	49	M	Skin	Malignant melanoma of left buttock	T4bN0M0	IIC	Malignant	
E9	73	65	M	Skin	Malignant melanoma of scalp	T4aN0M0	IIB	Malignant	
E10	74	61	F	Skin	Malignant melanoma of left foot	T4bN0M0	IIC	Malignant	
E11	75	32	F	Skin	Malignant melanoma of right waist (sparse)	T4aN0M0	IIB	Malignant	
E12	76	41	M	Skin	Malignant melanoma of left leg	T4aN0M0	IIB	Malignant	
E13	77	51	M	Skin	Malignant melanoma of back	T4aN0M0	IIB	Malignant	
E14	78	42	M	Skin	Malignant melanoma of left heel	T4N2M0	III	Malignant	
E15	79	63	F	Skin	Malignant melanoma of right heel	T4bN0M0	IIC	Malignant	
E16	80	62	F	Skin	Malignant melanoma of right thumb	T4aN0M0	IIB	Malignant	
F1	81	69	M	Skin	Malignant melanoma of sole of foot	T2bN0M0	IB	Malignant	
F2	82	38	F	Skin	Malignant melanoma of left upper arm	T4N1M0	III	Malignant	
F3	83	55	M	Skin	Malignant melanoma of sole of foot	T4aN0M0	IIB	Malignant	

F4	84	51	M	Skin	Malignant melanoma of right upper arm	T4N1M0		III	Malignant	
F5	85	74	F	Skin	Malignant melanoma of back	T4aN0M0		IIB	Malignant	
F6	86	45	M	Skin	Malignant melanoma of crissum	T4aN0M0		IIB	Malignant	
F7	87	60	M	Skin	Malignant melanoma of left sole of foot	T4bN0M0		IIC	Malignant	
F8	88	71	M	Skin	Malignant melanoma of right groin	T4aN0M0		IIB	Malignant	
F9	89	59	F	Skin	Malignant melanoma of right buttock (sparse)	T1aN0M0		IA	Malignant	
F10	90	66	F	Skin	Malignant melanoma of chest wall	T4aN0M0		IIB	Malignant	
F11	91	43	F	Skin	Malignant melanoma of left leg	T4bN0M0		IIC	Malignant	
F12	92	80	M	Skin	Malignant melanoma of right sole of foot	T4aN0M0		IIB	Malignant	
F13	93	36	M	Skin	Malignant melanoma of right chest wall	T4aN0M0		IIB	Malignant	
F14	94	31	M	Skin	Malignant melanoma of scalp	T4aN0M0		IIB	Malignant	
F15	95	46	F	Skin	Malignant melanoma of right thumb	T4aN0M0		IIB	Malignant	
F16	96	60	M	Skin	Malignant melanoma of right buttock	T4aN1M0		III	Malignant	
G1	97	40	M	Skin	Malignant melanoma of right chest wall	T4aN0M0		IIB	Malignant	
G2	98	37	M	Skin	Malignant melanoma of right upper arm	T4aN0M0		IIB	Malignant	
G3	99	47	F	Skin	Malignant melanoma of right upper arm	T4aN0M0		IIB	Malignant	
G4	100	43	F	Skin	Malignant melanoma of right upper abdominal wall	T4aN0M0		IIB	Malignant	
G5	101	66	M	Eye	Malignant melanoma of right lower eyelid	T4bN0M0		IIC	Malignant	
G6	102	52	M	Eye	Malignant melanoma o left eye	T4aN0M0		IIB	Malignant	
G7	103	37	M	Eye	Malignant melanoma o left eye	T3N1M0		III	Malignant	
G8	104	56	F	Eye	Malignant melanoma o right eye	T3aN0M0		IIA	Malignant	
G9	105	45	F	Eye	Malignant melanoma o right eyeball	T4aN0M0		IIB	Malignant	
G10	106	57	M	Eye	Malignant melanoma of right choroid	T4aN0M0		IIB	Malignant	
G11	107	41	F	Eye	Malignant melanoma of right choroid	T4aN0M0		IIB	Malignant	
G12	108	67	M	Eye	Malignant melanoma o right eye	T2aN0M0		IB	Malignant	
G13	109	49	F	Eye	Malignant melanoma o right eyeball	T4aN0M0		IIB	Malignant	
G14	110	35	F	Eye	Malignant melanoma of right choroid	T4aN0M0		IIB	Malignant	
G15	111	62	F	Eye	Malignant melanoma of right choroid	T4aN0M0		IIB	Malignant	
G16	112	57	M	Eye	Malignant melanoma of right choroid	T4aN0M0		IIB	Malignant	
H1	113	65	M	Lymph node	Metastatic malignant melanoma of right groin	-		-	Metastasis	
H2	114	38	M	Lymph node	Metastatic malignant melanoma with necrosis of left armpit	-		-	Metastasis	
H3	115	49	M	Lymph node	Metastatic malignant melanoma of left armpit	-		-	Metastasis	
H4	116	49	F	Lymph node	Metastatic malignant melanoma with necrosis of neck	-		-	Metastasis	
H5	117	55	M	Lymph node	Metastatic malignant melanoma of left groin	-		-	Metastasis	
H6	118	40	F	Lymph node	Metastatic malignant melanoma of right groin	-		-	Metastasis	
H7	119	70	M	Lymph node	Metastatic malignant melanoma of armpit	-		-	Metastasis	
H8	120	68	F	Lymph node	Metastatic malignant melanoma of right groin from vulva	-		-	Metastasis	
H9	121	68	M	Lymph node	Metastatic malignant melanoma of neck	-		-	Metastasis	
H10	122	61	F	Lymph node	Metastatic malignant melanoma of right groin	-		-	Metastasis	
H11	123	65	M	Lymph node	Metastatic malignant melanoma of groin	-		-	Metastasis	
H12	124	46	M	Lymph node	Metastatic malignant melanoma of right groin	-		-	Metastasis	
H13	125	42	F	Lymph node	Metastatic malignant melanoma of groin	-		-	Metastasis	
H14	126	43	F	Lymph node	Metastatic malignant melanoma of groin	-		-	Metastasis	
H15	127	56	F	Lymph node	Metastatic malignant melanoma of right groin	-		-	Metastasis	
H16	128	56	F	Lymph node	Metastatic malignant melanoma of groin	-		-	Metastasis	
I1	129	63	F	Lymph node	Metastatic malignant melanoma of right groin	-		-	Metastasis	
I2	130	45	M	Lymph node	Metastatic malignant melanoma of right armpit	-		-	Metastasis	
I3	131	60	F	Lymph node	Metastatic malignant melanoma of neck	-		-	Metastasis	
I4	132	29	F	Lymph node	Metastatic malignant melanoma of neck	-		-	Metastasis	
I5	133	31	F	Lymph node	Metastatic malignant melanoma of neck	-		-	Metastasis	
I6	134	57	F	Lymph node	Metastatic malignant melanoma of right groin	-		-	Metastasis	
I7	135	60	F	Lymph node	Metastatic malignant melanoma of right groin	-		-	Metastasis	
I8	136	46	F	Lymph node	Metastatic malignant melanoma of right neck	-		-	Metastasis	
I9	137	49	M	Lymph node	Metastatic malignant melanoma of neck	-		-	Metastasis	
I10	138	58	F	Lymph node	Metastatic malignant melanoma of left groin	-		-	Metastasis	
I11	139	68	M	Lymph node	Metastatic malignant melanoma of right armpit	-		-	Metastasis	
I12	140	52	M	Lymph node	Metastatic malignant melanoma of left groin	-		-	Metastasis	
I13	141	53	F	Lymph node	Metastatic malignant melanoma of right groin	-		-	Metastasis	
I14	142	68	F	Lymph node	Metastatic malignant melanoma of left groin	-		-	Metastasis	
I15	143	38	F	Lymph node	Metastatic malignant melanoma of right groin	-		-	Metastasis	
I16	144	48	M	Lymph node	Metastatic malignant melanoma of groin	-		-	Metastasis	
J1	145	44	M	Lymph node	Metastatic malignant melanoma of right armpit	-		-	Metastasis	
J2	146	70	M	Lymph node	Metastatic malignant melanoma of groin	-		-	Metastasis	
J3	147	74	M	Lymph node	Metastatic malignant melanoma of left groin	-		-	Metastasis	

J4	148	47	F	Lymph node	Metastatic malignant melanoma of armpit	-	-	Metastasis	
J5	149	61	M	Lymph node	Metastatic malignant melanoma of right groin	-	-	Metastasis	
J6	150	38	M	Lymph node	Metastatic malignant melanoma of armpit	-	-	Metastasis	
J7	151	41	F	Lymph node	Metastatic malignant melanoma of groin	-	-	Metastasis	
J8	152	49	M	Lymph node	Metastatic malignant melanoma of left groin	-	-	Metastasis	
J9	153	45	F	Lymph node	Metastatic malignant melanoma of left chest wall of No.63	-	-	Metastasis	
J10	154	58	M	Lymph node	Metastatic malignant melanoma of left groin	-	-	Metastasis	
J11	155	54	M	Lymph node	Metastatic malignant melanoma of left groin	-	-	Metastasis	
J12	156	45	F	Lymph node	Metastatic malignant melanoma of spleen	-	-	Metastasis	
J13	157	50	M	Lymph node	Metastatic malignant melanoma of paraesophageal lymph node of No.3	-	-	Metastasis	
J14	158	50	M	Lymph node	Metastatic malignant melanoma of right parparotid lymph node	-	-	Metastasis	
J15	159	55	F	Lymph node	Metastatic malignant melanoma of right occipital lobe	-	-	Metastasis	
J16	160	62	M	Lymph node	Metastatic malignant melanoma of groin of No.39	-	-	Metastasis	
K1	161	39	M	Lymph node	Metastatic malignant melanoma of left femur	-	-	Metastasis	
K2	162	56	M	Lymph node	Metastatic malignant melanoma of left preauricular	-	-	Metastasis	
K3	163	80	F	Lymph node	Metastatic malignant melanoma of right armpit	-	-	Metastasis	
K4	164	72	F	Lymph node	Metastatic malignant melanoma of left groin	-	-	Metastasis	
K5	165	62	M	Lymph node	Metastatic malignant melanoma of groin	-	-	Metastasis	
K6	166	41	F	Lymph node	Metastatic malignant melanoma of left groin	-	-	Metastasis	
K7	167	61	F	Lymph node	Metastatic malignant melanoma of right thigh	-	-	Metastasis	
K8	168	35	F	Lymph node	Metastatic malignant melanoma with necrosis of left armpit	-	-	Metastasis	
K9	169	41	F	Lymph node	Metastatic malignant melanoma of groin	-	-	Metastasis	
K10	170	72	M	Lymph node	Metastatic malignant melanoma of right groin	-	-	Metastasis	
K11	171	62	M	Lymph node	Metastatic malignant melanoma of left neck	-	-	Metastasis	
K12	172	48	M	Lymph node	Metastatic malignant melanoma of neck	-	-	Metastasis	
K13	173	49	M	Lymph node	Metastatic malignant melanoma of pelvic cavity	-	-	Metastasis	
K14	174	63	M	Lymph node	Metastatic malignant melanoma of right neck	-	-	Metastasis	
K15	175	71	M	Lymph node	Metastatic malignant melanoma of right armpit	-	-	Metastasis	
K16	176	67	F	Lymph node	Metastatic malignant melanoma of right armpit of No.56	-	-	Metastasis	
L1	177	44	F	Skin	Adjacent normal skin tissue of breast	-	-	NAT	
L2	178	63	F	Skin	Adjacent normal skin tissue of breast	-	-	NAT	
L3	179	48	F	Skin	Adjacent normal skin tissue of breast	-	-	NAT	
L4	180	43	F	Skin	Adjacent normal skin tissue of breast	-	-	NAT	
L5	181	41	F	Skin	Adjacent normal skin tissue of breast	-	-	NAT	
L6	182	43	F	Skin	Adjacent normal skin tissue of breast	-	-	NAT	
L7	183	56	M	Skin	Adjacent normal skin tissue of breast	-	-	NAT	
L8	184	48	M	Skin	Adjacent normal skin tissue of crissum	-	-	NAT	
L9	185	19	F	Skin	Skin tissue of scalp	-	-	Normal	
L10	186	40	M	Skin	Skin tissue (sparse)	-	-	Normal	
L11	187	2 Mon.	M	Skin	Skin tissue of scalp	-	-	Normal	
L12	188	40	M	Skin	Skin tissue	-	-	Normal	
L13	189	35	M	Skin	Skin tissue	-	-	Normal	
L14	190	47	M	Skin	Skin tissue	-	-	Normal	
L15	191	21	F	Skin	Skin tissue	-	-	Normal	
L16	192	21	M	Skin	Skin tissue	-	-	Normal	
-	0	42	M	Adrenal gland	Pheochromocytoma (tissue marker)	-	-	Malignant	

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