

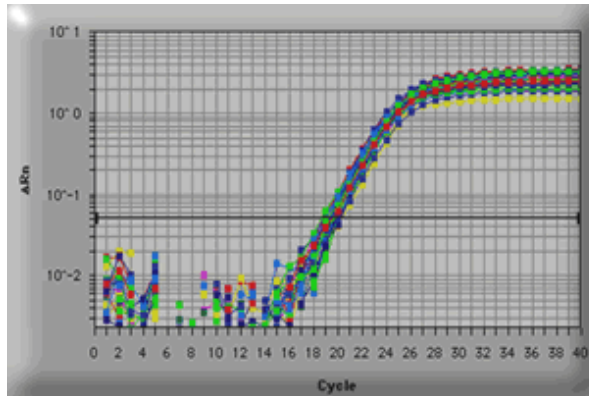
TissueScan™ Cancer and Normal Tissue cDNA Arrays

Array name: Melanoma cDNA Array I

Description: 43 samples covering 3-normal, 1-Stage IIIA, 6-IIIB, 4-IIIC, 10-III 19-IV.

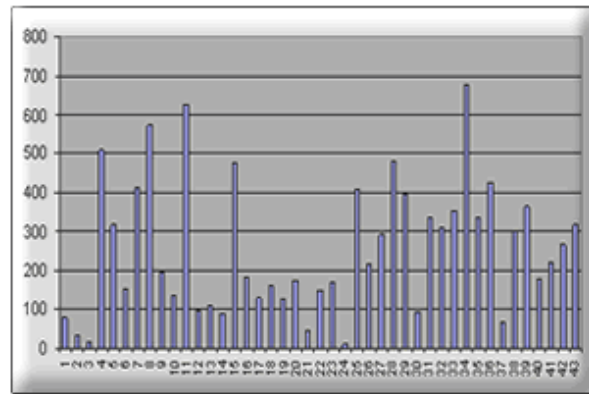
Available in 2, 5, 10 identical plates.

QC Data:



A Human Melanoma real time PCR Gene Expression panel used in real-time PCR. The beta-actin contents in the 43 human cDNAs were detected using SYBR Green I protocol and performed in PE7700.

Fluorescence reading - cycle number.



A Human Melanoma real time PCR Gene Expression panel was used in SYBR Green I based real-time PCR. The expression profile of the human Survivin transcript (ACCN#: NM_001168) was detected using SYBR Green I protocol and performed in PE7700.

Normalized relative expression among 43 Melanoma samples

Clinical info:

sku	well	Well position	gender	age	tissue	appearance
MERT101/30 1/501	1	C1	Male	36	Skin / Skin	Normal
MERT101/30 1/501	2	C2	Not Sp	69	Skin / Skin	Normal
MERT101/30 1/501	3	C3	Male	51	Skin / Skin	Normal
MERT101/30 1/501	4	C4	Female	42	Skin / Lymph node	Tumor
MERT101/30 1/501	5	C5	Female	59	Skin / Lymph node	Tumor
MERT101/30 1/501	6	C6	Female	66	Skin / Lymph node: sentinel	Tumor
MERT101/30 1/501	7	C7	Male	56	Skin / Lymph node	Tumor
MERT101/30 1/501	8	C8	Male	46	Skin / Lymph node	Tumor
MERT101/30 1/501	9	C9	Female	66	Skin / Lymph node	Tumor
MERT101/30 1/501	10	C10	Female	34	Skin / Lymph node	Tumor
MERT101/30 1/501	11	C11	Female	56	Skin / Lymph node	Tumor
MERT101/30 1/501	12	C12	Male	59	Skin / Lymph node	Tumor
MERT101/30 1/501	13	D1	Female	49	Skin / Lymph node	Tumor
MERT101/30 1/501	14	D2	Female	67	Skin / Lymph node	Tumor
MERT101/30 1/501	15	D3	Male	61	Skin / Lymph node	Tumor

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

MERT101/30 1/501	16	D4	Male	43	Skin / Lymph node	Tumor
MERT101/30 1/501	17	D5	Male	42	Skin / Lymph node	Tumor
MERT101/30 1/501	18	D6	Female	49	Skin / Lymph node	Tumor
MERT101/30 1/501	19	D7	Female	72	Neck / Lymph node	Tumor
MERT101/30 1/501	20	D8	Male	50	Skin / Groin	Tumor
MERT101/30 1/501	21	D9	Male	56	Skin / Lymph node	Tumor
MERT101/30 1/501	22	D10	Male	81	Skin / Lymph node	Tumor
MERT101/30 1/501	23	D11	Male	66	Skin / Lymph node	Tumor
MERT101/30 1/501	24	D12	Female	52	Skin / Lymph node	Tumor
MERT101/30 1/501	25	E1	Male	66	Skin / Lymph node	Tumor
MERT101/30 1/501	26	E2	Female	42	Skin / Lung	Tumor
MERT101/30 1/501	27	E3	Female	45	Skin / Lymph node	Tumor
MERT101/30 1/501	28	E4	Female	74	Skin / Lung	Tumor
MERT101/30 1/501	29	E5	Male	54	Skin / Lymph node	Tumor
MERT101/30 1/501	30	E6	Male	48	Skin / Mesentery	Tumor
MERT101/30 1/501	31	E7	Male	60	Skin / Jejunum	Tumor
MERT101/30 1/501	32	E8	Male	58	Skin / Lung	Tumor
MERT101/30 1/501	33	E9	Male	45	Skin / Lung	Tumor
MERT101/30 1/501	34	E10	Male	75	Skin / Small intestine	Tumor
MERT101/30 1/501	35	E11	Male	56	Skin / Liver	Tumor
MERT101/30 1/501	36	E12	Male	46	Skin / Jejunum	Tumor
MERT101/30 1/501	37	F1	Male	56	Skin / Lung	Tumor
MERT101/30 1/501	38	F2	Female	66	Skin / Omentum	Tumor
MERT101/30 1/501	39	F3	Male	56	Skin / Small intestine	Tumor
MERT101/30 1/501	40	F4	Male	81	Skin / Lymph node	Tumor
MERT101/30 1/501	41	F5	Male	56	Skin / Lung	Tumor
MERT101/30 1/501	42	F6	Male	73	Skin / Lung	Tumor
MERT101/30 1/501	43	F7	Female	42	Skin / Skin	Tumor

diagnosis	tumorgrade	stage	normal	lesion	tumor	hypercellular_stroma
Fracture of bone	Not Applicable	0	100	0	0	0
Carcinoma of skin, Merkel cell	Not Applicable	0	100	0	0	0
Obesity	Not Applicable	0	100	0	0	0
Malignant melanoma, metastatic	Not Reported	III	0	0	80	5
Malignant melanoma, metastatic	Not Reported	III	0	0	95	0
Malignant melanoma, metastatic	Not Reported	III	10	0	80	10
Malignant melanoma, metastatic	Not Reported	III	0	0	85	10
Malignant melanoma, metastatic	Not Reported	III	0	0	96	0

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

 **UK & Rest of the World**
184 Park Drive, Milton Park
Abingdon, 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

melanoma, metastatic	Not Reported	III	0	0	80	0
Malignant melanoma, metastatic	Not Reported	III	0	0	90	10
Malignant melanoma, metastatic	Not Reported	III	0	0	80	0
Malignant melanoma, metastatic	Not Reported	III	5	0	90	0
Malignant melanoma, metastatic	Not Reported	III	0	0	95	0
Malignant melanoma, metastatic	Not Reported	IIIA	20	0	80	0
Malignant melanoma, metastatic	Not Reported	IIIB	0	0	90	0
Malignant melanoma, metastatic	Not Reported	IIIB	5	0	85	0
Malignant melanoma, metastatic	Not Reported	IIIB	0	0	90	0
Malignant melanoma, metastatic	Not Reported	IIIB	0	0	90	10
Malignant melanoma, metastatic	Not Reported	IIIB	0	0	75	25
Malignant melanoma, metastatic	Not Reported	IIIB	35	0	60	0
Malignant melanoma, metastatic	Not Reported	IIIC	5	0	95	0
recurrent Malignant melanoma, metastatic	Not Reported	IIIC	5	0	90	0
Malignant melanoma, metastatic	Not Reported	IIIC	10	0	70	15
Malignant melanoma, metastatic	Not Reported	IIIC	0	0	55	0
Malignant melanoma, metastatic	Not Reported	IV	5	0	75	0
Malignant melanoma, metastatic	Not Reported	IV	0	0	75	5
Malignant melanoma, metastatic	Not Reported	IV	5	0	80	0
Malignant melanoma, metastatic	Not Reported	IV	0	0	98	2
Malignant melanoma, metastatic	Not Reported	IV	10	0	70	0
Malignant melanoma, metastatic	Not Reported	IV	5	0	95	0
Malignant melanoma, metastatic	Not Reported	IV	20	0	80	0
Malignant melanoma, metastatic	Not Reported	IV	10	0	80	10
Malignant melanoma, metastatic	Not Reported	IV	0	0	90	5
Malignant melanoma, metastatic	Not Reported	IV	0	0	80	5

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

 **UK & Rest of the World**
184 Park Drive, Milton Park
Abingdon, 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

Malignant melanoma, metastatic	Not Reported	IV	0	0	75	24
Malignant melanoma, metastatic	Not Reported	IV	0	0	90	0
Malignant melanoma, metastatic	Not Reported	IV	0	0	90	0
Malignant melanoma, metastatic	Not Reported	IV	5	0	90	0
Malignant melanoma, metastatic	Not Reported	IV	0	0	90	5
Malignant melanoma, metastatic	Not Reported	IV	0	0	70	30
Malignant melanoma, metastatic	Not Reported	IV	0	0	60	0
Malignant melanoma, metastatic	Not Reported	IV	5	0	65	0
Malignant melanoma, metastatic	Not Reported	IV	0	0	0	90

hypocellular_ stroma	necrosis	report	tissue_image 4	tissue_image 20	Electropherog ram
0	0	CU000000422	CU000000422.5. 4X	CU000000422.5. 20X	CU000000422.5. B633
0	0	CU0000005331	CU0000005331.3. 4X	CU0000005331.3. 20X	CU0000005331.3. B518
0	0	CU0000006776	CU0000006776.1. 4X	CU0000006776.1. 20X	CU0000006776.1. B595
0	15	CI0000000017	CI0000000017.1.4 X	CI0000000017.1.2 0X	CI0000000017.1.B 249
0	5	CI0000008528	CI0000008528.1.4 X	CI0000008528.1.2 0X	CI0000008528.1.B 384
0	0	CI0000018020	CI0000018020.2.4 X	CI0000018020.2.2 0X	CI0000018020.2.B 539
0	5	CU0000000590	CU0000000590.1. 4X	CU0000000590.1. 20X	CU0000000590.1. B44
2	2	CU0000000718	CU0000000718.2. 4X	CU0000000718.2. 20X	CU0000000718.2. B250
0	20	CU0000001610	CU0000001610.1. 4X	CU0000001610.1. 20X	CU0000001610.1. B367
0	0	CU0000005767	CU0000005767.1. 4X	CU0000005767.1. 20X	CU0000005767.1. B368
0	20	CU0000006791	CU0000006791.1. 4X	CU0000006791.1. 20X	CU0000006791.1. B437
0	5	CU0000006809	CU0000006809.1. 4X	CU0000006809.1. 20X	CU0000006809.1. B437
0	5	CU0000009128	CU0000009128.1. 4X	CU0000009128.1. 20X	CU0000009128.1. B385
0	0	CI0000010709	CI0000010709.1.4 X	CI0000010709.1.2 0X	CI0000010709.1.B 436
0	10	CI0000007837	CI0000007837.1.4 X	CI0000007837.1.2 0X	CI0000007837.1.B 435
3	7	CU0000005792	CU0000005792.1. 4X	CU0000005792.1. 20X	CU0000005792.1. B316
10	0	CU0000005973	CU0000005973.1. 4X	CU0000005973.1. 20X	CU0000005973.1. B408
0	0	CU0000006027	CU0000006027.1. 4X	CU0000006027.1. 20X	CU0000006027.1. B436
0	0	CU0000011172	CU0000011172.1. 4X	CU0000011172.1. 20X	CU0000011172.1. B407
5	0	CU0000000084	CU0000000084.3. 4X	CU0000000084.3. 20X	CU0000000084.3. B637
0	0	CI0000008256	CI0000008256.1.4 X	CI0000008256.1.2 0X	CI0000008256.1.B 384
0	5	CU0000001233	CU0000001233.1. 4X	CU0000001233.1. 20X	CU0000001233.1. B260
0	5	CU0000001502	CU0000001502.1. 4X	CU0000001502.1. 20X	CU0000001502.1. B637
45	0	CI0000010380	CI0000010380.1.4	CI0000010380.1.2	CI0000010380.1.B

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

15	5	CI000000023	X CI000000023.2.4 X	OX CI000000023.2.2 OX	637 CI000000023.2.B 249
0	20	CI0000005161	CI0000005161.2.4 X	CI0000005161.2.2 OX	CI0000005161.2.B 608
0	15	CI0000007902	CI0000007902.1.4 X	CI0000007902.1.2 OX	CI0000007902.1.B 404
0	0	CI0000007953	CI0000007953.1.4 X	CI0000007953.1.2 OX	CI0000007953.1.B 385
0	20	CI0000009186	CI0000009186.1.4 X	CI0000009186.1.2 OX	CI0000009186.1.B 436
0	0	CI0000009909	CI0000009909.1.4 X	CI0000009909.1.2 OX	CI0000009909.1.B 384
0	0	CI0000010737	CI0000010737.1.4 X	CI0000010737.1.2 OX	CI0000010737.1.B 438
0	0	CI0000018560	CI0000018560.1.4 X	CI0000018560.1.2 OX	CI0000018560.1.B 608
0	5	CU0000000144	CU0000000144.2. 4X	CU0000000144.2. 20X	CU0000000144.2. B138
0	15	CU0000000213	CU0000000213.2. 4X	CU0000000213.2. 20X	CU0000000213.2. B23
0	1	CU0000000543	CU0000000543.1. 4X	CU0000000543.1. 20X	CU0000000543.1. B10
0	10	CU0000000698	CU0000000698.1. 4X	CU0000000698.1. 20X	CU0000000698.1. B54
0	10	CU0000000748	CU0000000748.6. 4X	CU0000000748.6. 20X	CU0000000748.6. B608
5	0	CU0000000876	CU0000000876.1. 4X	CU0000000876.1. 20X	CU0000000876.1. B138
0	5	CU0000001260	CU0000001260.1. 4X	CU0000001260.1. 20X	CU0000001260.1. B261
0	0	CU0000005117	CU0000005117.1. 4X	CU0000005117.1. 20X	CU0000005117.1. B367
0	40	CI0000008177	CI0000008177.1.4 X	CI0000008177.1.2 OX	CI0000008177.1.B 637
0	30	CI0000008574	CI0000008574.2.4 X	CI0000008574.2.2 OX	CI0000008574.2.B 637
5	5	CI0000000285	CI0000000285.7.4 X	CI0000000285.7.2 OX	CI0000000285.7.B 637

bioanalyser _ration	rtpcr	sample_id	tnm	verification	disease
1.31	CU0000000422. 5.R332	RN0000303E	Not Applicable	Within normal limits	NULL
1.21	CU0000005331. 3.R249	RN0000303F	Not Applicable	Within normal limits	NULL
1.34	CU0000006776. 1.R292	RN00003040	Not Applicable	Within normal limits	NULL
1.2	CI0000000017.1 .R137	RN00003011	pTXpN1pMX	Malignant melanoma, metastatic	NULL
1.71	CI0000008528.1 .R194	RN0000301B	pTXpN1pMX	Malignant melanoma, metastatic	NULL
1.2	CI0000018020.2 .R259	RN00003022	pTXpN1pMX	Malignant melanoma, metastatic	NULL
1.07	CU0000000590. 1.R17	RN00003028	pTXpN3pMX	Malignant melanoma, metastatic	NULL
1.48	CU0000000718. 2.R138	RN0000302A	pTXpN2pMX	Malignant melanoma, metastatic	NULL
1.2	CU0000001610. 1.R188	RN0000302F	pTXpN3pMX	Malignant melanoma, metastatic	NULL
1.61	CU0000005767. 1.R188	RN00003033	pTXpN1pMX	Malignant melanoma, metastatic	NULL
1.54	CU0000006791. 1.R211	RN00003038	pTXpN1pMX	Malignant melanoma, metastatic	NULL
1.2	CU0000006809. 1.R211	RN00003039	pTXpN1pMX	Malignant melanoma, metastatic	NULL

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

1.57	CU0000009128.1.R194	RN0000303A	pTXpN2pMX	Malignant melanoma, metastatic	NULL
1.36	CI0000010709.1.R211	RN00003020	pTXpN1pMX	Malignant melanoma, metastatic	NULL
1.24	CI0000007837.1.R211	RN00003017	pTXpN1bpMX	Malignant melanoma, metastatic	NULL
2.04	CU0000005792.1.R166	RN00003034	pTXpN1bpMX	Malignant melanoma, metastatic	NULL
1.62	CU0000005973.1.R202	RN00003036	pTXpN1bpMX	Malignant melanoma, metastatic	NULL
1.55	CU0000006027.1.R211	RN00003037	pTXpN1bpMX	Malignant melanoma, metastatic	NULL
1.6	CU0000011172.1.R200	RN0000303D	pTXpN1bpMX	Malignant melanoma, metastatic	NULL
1.76	CU0000000084.3.R336	RN000030C4	pTXpN2bpMX	Malignant melanoma, metastatic	NULL
1.51	CI0000008256.1.R194	RN0000301A	pTXpN3pMX	Malignant melanoma, metastatic	NULL
1.29	CU0000001233.1.R141	RN0000302D	pTXpN3pMX	Malignant melanoma, metastatic	NULL
1.88	CU0000001502.1.R336	RN000030C6	pTXpN3pMX	Malignant melanoma, metastatic	NULL
1.88	CI0000010380.1.R336	RN000030C1	pTXpN3pMX	Malignant melanoma, metastatic	NULL
1.03	CI0000000023.2.R137	RN00003012	pTXpN0pM1a	Malignant melanoma, metastatic	NULL
1.53	CI0000005161.2.R305	RN00003015	pTXpNXpM1c	Malignant melanoma, metastatic	NULL
1.45	CI0000007902.1.R204	RN00003018	pTXpN3pM1	Malignant melanoma, metastatic	NULL
1.52	CI0000007953.1.R194	RN00003019	pTXpNXpM1b	Malignant melanoma, metastatic	NULL
1.2	CI0000009186.1.R211	RN0000301D	pTXpN2pM1a	Malignant melanoma, metastatic	NULL
1.64	CI0000009909.1.R194	RN0000301F	pTXpNXpM1c	Malignant melanoma, metastatic	NULL
1.37	CI0000010737.1.R211	RN00003021	pTXpNXpM1c	Malignant melanoma, metastatic	NULL
1.47	CI0000018560.1.R305	RN00003023	pTXpNXpM1	Malignant melanoma, metastatic	NULL
1.4	CU0000000144.2.R76	RN00003025	pTXpNXpM1b	Malignant melanoma, metastatic	NULL
1.72	CU0000000213.2.R26	RN00003026	pTXpNXpM1c	Malignant melanoma, metastatic	NULL
0.91	CU0000000543.1.R31	RN00003027	pTXpNXpM1c	Malignant melanoma, metastatic	NULL
1.31	CU0000000698.1.R14	RN00003029	pTXpNXpM1c	Malignant melanoma, metastatic	NULL
1.63	CU0000000748.6.R305	RN0000302B	pTXpNXpM1b	Malignant melanoma, metastatic	NULL
1.32	CU0000000876.1.R76	RN0000302C	pTXpNXpM1c	Malignant melanoma, metastatic	NULL
1.07	CU0000001260.1.R141	RN0000302E	pTXpNXpM1c	Malignant melanoma, metastatic	NULL

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

 **UK & Rest of the World**
184 Park Drive, Milton Park
Abingdon, 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

1.45	CU0000005117.1.R188	RN00003031	pTXpN3pM1c	metastatic Malignant melanoma,	NULL
1.61	CI0000008177.1.R336	RN000030BF	pTXpNXpM1b	metastatic Malignant melanoma,	NULL
1.69	CI0000008574.2.R336	RN000030C0	pTXpNXpM1b	metastatic Malignant melanoma,	NULL
1.96	CI0000000285.7.R336	RN000030BD	pTXpNXpM1	metastatic Malignant melanoma,	NULL