

	Tumor entity	on TMA (n)	TRPS1 and GATA3 immunostaining result				
			analyzable (n)	TRPS1 negative / GATA3 negative	TRPS1 negative / GATA3 positive	TRPS1 positive / GATA3 negative	TRPS1 positive / GATA3 positive
Tumors of the skin	Pilomatricoma	35	20	60.0	0.0	40.0	0.0
	Basal cell carcinoma of the skin	88	44	100.0	97.7	2.3	0.0
	Benign nevus	29	22	100.0	0.0	0.0	0.0
	Squamous cell carcinoma of the skin	90	64	75.0	14.1	9.4	1.6
	Malignant melanoma	46	37	94.6	2.7	2.7	0.0
	Merkel cell carcinoma	46	26	100.0	0.0	0.0	0.0
Tumors of the head and neck	Squamous cell carcinoma of the larynx	109	91	90.1	1.1	7.7	1.1
	Squamous cell carcinoma of the pharynx	60	49	65.3	0.0	34.7	0.0
	Oral squamous cell carcinoma (floor of the mouth)	130	107	72.9	2.8	21.5	2.8
	Pleomorphic adenoma of the parotid gland	50	45	37.8	0.0	62.2	0.0
	Warthin tumor of the parotid gland	104	94	100.0	0.0	0.0	0.0
	Adenocarcinoma, NOS (Papillary Cystadenocarcinoma)	14	8	75.0	0.0	0.0	25.0
	Salivary duct carcinoma	15	10	70.0	0.0	0.0	30.0
	Acinic cell carcinoma of the salivary gland	189	126	96.8	1.6	0.0	1.6
	Adenocarcinoma NOS of the salivary gland	109	73	79.5	8.2	4.1	8.2
	Adenoid cystic carcinoma of the salivary gland	180	89	50.6	2.2	43.8	3.4
	Basal cell adenocarcinoma of the salivary gland	25	19	78.9	0.0	15.8	5.3
	Basal cell adenoma of the salivary gland	101	81	87.7	0.0	12.3	0.0
	Epithelial-myoepithelial carcinoma of the salivary gland	53	48	52.1	8.3	27.1	12.5
	Mucoepidermoid carcinoma of the salivary gland	343	239	87.9	4.2	5.9	2.1
	Myoepithelial carcinoma of the salivary gland	21	17	52.9	5.9	29.4	11.8
	Myoepithelioma of the salivary gland	11	8	62.5	12.5	25.0	0.0
	Oncocytic carcinoma of the salivary gland	12	11	81.8	9.1	9.1	0.0
	Polymorphous adenocarcinoma, low grade, of the salivary gland	41	20	60.0	0.0	40.0	0.0
	Pleomorphic adenoma of the salivary gland	53	34	79.4	0.0	14.7	5.9
Tumors of the lung, pleura and thymus	Adenocarcinoma of the lung	196	137	96.4	0.7	2.9	0.0
	Squamous cell carcinoma of the lung	80	46	91.3	2.2	6.5	0.0
	Small cell carcinoma of the lung	16	10	100.0	0.0	0.0	0.0
	Mesothelioma, epithelioid	39	23	82.6	8.7	8.7	0.0
	Mesothelioma, biphasic	76	44	72.7	18.2	9.1	0.0
	Thymoma	29	25	96.0	0.0	4.0	0.0
	Lung, neuroendocrine tumor (NET)	19	17	100.0	0.0	0.0	0.0
Tumors of the female genital tract	Squamous cell carcinoma of the vagina	78	52	86.5	3.8	7.7	1.9
	Squamous cell carcinoma of the vulva	130	111	83.8	4.5	11.7	0.0
	Squamous cell carcinoma of the cervix	128	111	90.1	7.2	2.7	0.0
	Squamous endometrial carcinoma	236	167	85.6	0.0	13.8	0.0
	Endometrial serous carcinoma	82	52	80.8	0.0	19.2	0.0
	Carcinosarcoma of the uterus	48	29	89.7	0.0	10.3	0.0
	Endometrial carcinoma, high grade, G3	13	10	60.0	0.0	40.0	0.0
	Endometrial clear cell carcinoma	8	7	100.0	0.0	0.0	0.0
	Endometrioid carcinoma of the ovary	110	78	73.1	3.8	21.8	1.3
	Serous carcinoma of the ovary	559	434	75.8	0.0	24.0	0.0
	Mucinous carcinoma of the ovary	96	56	96.4	0.0	3.6	0.0
	Clear cell carcinoma of the ovary	50	37	94.6	0.0	5.4	0.0
	Carcinosarcoma of the ovary	47	36	63.9	5.6	27.8	2.8
	Brenner tumor	9	9	55.6	44.4	0.0	0.0
Tumors of the breast	Invasive breast carcinoma of no special type	1345	996	1.9	6.0	5.6	86.4
	Lobular carcinoma of the breast	293	195	0.5	6.7	1.5	91.3
	Medullary carcinoma of the breast	26	19	15.8	5.3	31.6	47.4
	Tubular carcinoma of the breast	27	15	0.0	0.0	0.0	100.0
	Mucinous carcinoma of the breast	58	25	8.0	4.0	0.0	88.0
	Phylloides tumor of the breast	50	31	3.2	38.7	9.7	48.4
Tumors of the digestive system	Adenomatous polyp, low-grade dysplasia	50	46	100.0	0.0	0.0	0.0
	Adenomatous polyp, high-grade dysplasia	50	46	100.0	0.0	0.0	0.0
	Adenocarcinoma of the colon	1882	1509	99.9	0.0	0.1	0.0
	Gastric adenocarcinoma, diffuse type	176	140	99.3	0.7	0.0	0.0
	Gastric adenocarcinoma, intestinal type	174	133	97.7	0.8	1.5	0.0
	Gastric adenocarcinoma, mixed type	62	56	100.0	0.0	0.0	0.0
	Adenocarcinoma of the esophagus	83	46	97.8	0.0	2.2	0.0
	Squamous cell carcinoma of the esophagus	76	29	96.6	0.0	3.4	0.0
	Squamous cell carcinoma of the anal canal	89	66	71.2	3.0	22.7	3.0
	Cholangiocarcinoma	50	47	100.0	0.0	0.0	0.0
	Hepatocellular carcinoma	50	50	100.0	0.0	0.0	0.0
	Ductal adenocarcinoma of the pancreas	612	423	95.7	2.8	1.4	0.0
	Pancreatic/Ampullary adenocarcinoma	89	71	100.0	0.0	0.0	0.0
	Acinar cell carcinoma of the pancreas	16	14	100.0	0.0	0.0	0.0
	Gastrointestinal stromal tumor (GIST)	50	46	82.6	0.0	17.4	0.0
	Appendix, neuroendocrine tumor (NET)	22	11	100.0	0.0	0.0	0.0
	Colorectal, neuroendocrine tumor (NET)	12	9	100.0	0.0	0.0	0.0
	Ileum, neuroendocrine tumor (NET)	49	43	100.0	0.0	0.0	0.0
	Pancreas, neuroendocrine tumor (NET)	97	89	98.9	1.1	0.0	0.0
	Colorectal, neuroendocrine carcinoma (NEC)	12	8	75.0	12.5	12.5	0.0
	Gallbladder, neuroendocrine carcinoma (NEC)	4	4	75.0	25.0	0.0	0.0
	Pancreas, neuroendocrine carcinoma (NEC)	14	14	100.0	0.0	0.0	0.0
Tumors of the urinary system	Non-invasive papillary urothelial carcinoma, pTa G2 low grade	177	145	0.0	100.0	0.0	0.0
	Non-invasive papillary urothelial carcinoma, pTa G2 high grade	141	117	0.0	100.0	0.0	0.0
	Non-invasive papillary urothelial carcinoma, pTa G3	187	114	5.3	94.7	0.0	0.0
	Urothelial carcinoma, pT2-4 G3	623	466	26.8	70.6	1.1	1.5
	Small cell neuroendocrine carcinoma of the bladder	20	13	92.3	7.7	0.0	0.0
	Sarcomatoid urothelial carcinoma	25	13	53.8	30.8	7.7	7.7
	Clear cell renal cell carcinoma	856	542	99.3	0.7	0.0	0.0
	Papillary renal cell carcinoma	255	149	97.3	2.7	0.0	0.0
	Clear cell (tubulo) papillary renal cell carcinoma	21	12	91.7	8.3	0.0	0.0
	Chromophobe renal cell carcinoma	131	91	94.5	5.5	0.0	0.0
	Oncocytoma of the kidney	177	111	99.1	0.9	0.0	0.0
Tumors of the male genital organs	Adenocarcinoma of the prostate, Gleason 3+3	83	75	100.0	0.0	0.0	0.0
	Adenocarcinoma of the prostate, Gleason 4+4	80	60	98.3	1.7	0.0	0.0
	Adenocarcinoma of the prostate, Gleason 5+5	85	76	96.1	0.0	3.9	0.0
	Adenocarcinoma of the prostate (recurrence)	258	169	89.9	2.4	7.7	0.0
	Small cell neuroendocrine carcinoma of the prostate	19	5	80.0	20.0	0.0	0.0
	Seminoma	621	592	99.8	0.2	0.0	0.0
	Embryonal carcinoma of the testis	50	28	100.0	0.0	0.0	0.0
	Yolk sac tumor	50	31	67.7	32.3	0.0	0.0
	Teratoma	50	36	86.1	13.9	0.0	0.0
	Squamous cell carcinoma of the penis	80	54	85.2	1.9	11.1	1.9
Tumors of endocrine organs	Adenoma of the thyroid gland	113	102	100.0	0.0	0.0	0.0
	Papillary thyroid carcinoma	391	325	100.0	0.0	0.0	0.0
	Follicular thyroid carcinoma	154	127	100.0	0.0	0.0	0.0
	Medullary thyroid carcinoma	111	89	100.0	0.0	0.0	0.0
	Anaplastic thyroid carcinoma	45	40	85.0	5.0	5.0	5.0
	Adrenal cortical adenoma	50	34	100.0	0.0	0.0	0.0
	Adrenal cortical carcinoma	26	25	100.0	0.0	0.0	0.0
	Pheochromocytoma	50	50	100.0	0.0	0.0	0.0
Tumors of haematopoietic and lymphoid tissues	Hodgkin Lymphoma	103	86	81.4	18.6	0.0	0.0
	Small Lymphocytic lymphoma, B-cell type (B-SLL/B-CLL)	50	39	100.0	0.0	0.0	0.0
	Diffuse large B cell lymphoma (DLBCL)	113	93	97.8	0.0	2.2	0.0
	Follicular lymphoma	88	71	100.0	0.0	0.0	0.0
	T-cell Non Hodgkin lymphoma	25	19	68.4	21.1	10.5	0.0
	Mantle cell lymphoma	18	12	100.0	0.0	0.0	0.0
	Marginal zone lymphoma	16	12	100.0	0.0	0.0	0.0
	Diffuse large B-cell lymphoma (DLBCL) in the testis	16	15	100.0	0.0	0.0	0.0
	Burkitt lymphoma	5	1	100.0	0.0	0.0	0.0
Tumors of soft tissue and bone	Tendosynovial giant cell tumor	45	28	46.4	0.0	53.6	0.0
	Granular cell tumor	53	25	100.0	0.0	0.0	0.0
	Leiomyoma	50	48	100.0	0.0	0.0	0.0
	Leiomyosarcoma	87	81	93.8	0.0	4.9	1.2
	Liposarcoma	132	93	93.5	1.1	4.3	1.1
	Malignant peripheral nerve sheath tumor (MPNST)	13	11	63.6	0.0	36.4	0.0
	Myofibrosarcoma	26	25	92.0	4.0	4.0	0.0
	Angiosarcoma	73	47	97.9	0.0	2.1	0.0
	Angiomyolipoma	91	83	100.0	0.0	0.0	0.0
	Dermatofibrosarcoma protuberans	21	14	100.0	0.0	0.0	0.0
	Ganglioneuroma	14	12	100.0	0.0	0.0	0.0
	Kaposi sarcoma	8	3	100.0	0.0	0.0	0.0
	Neurofibroma	117	81	98.8	0.0	1.2	0.0
	Sarcoma, not otherwise specified (NOS)	74	65	83.1	0.0	15.4	1.5
	Paraganglioma	41	30	56.7	43.3	0.0	0.0
	Ewing sarcoma	23	14	92.9	0.0	7.1	0.0
	Rhabdomyosarcoma	6	5	80.0	0.0	20.0	0.0
	Schwannoma	121	91	100.0	0.0	0.0	0.0
	Synovial sarcoma	12	10	0.0	0.0	90.0	10.0
	Osteosarcoma	43	19	52.6	0.0	47.4	0.0
	Chondrosarcoma	38	13	84.6	0.0	15.4	0.0