

Supplementary table 1. GLUT1 immunostaining in previous studies					analyzed tumors (n)	GLUT1 positiv (%)
author	PMID	tumor entity				
Younes M, et al.	9149888	Adenocarcinoma of the esophagus			13	69.23%
Higashi T, et al.	9293783	Ductal adenocarcinoma of the pancreas			21	85.71%
Higashi T, et al.	9293783	Pancreatic/Ampullary adenocarcinoma			1	100.00%
Higashi T, et al.	9776278	Ductal adenocarcinoma of the pancreas			24	87.50%
Higashi T, et al.	9776278	Pancreatic/Ampullary adenocarcinoma			3	100.00%
Rao UN, et al.	10574596	Leiomyosarcoma			16	0.00%
Rao UN, et al.	10574596	Leiomyosarcoma			14	0.00%
Chang S, et al.	10699635	Urothelial carcinoma, pT2-4 G3			31	67.74%
Loda M, et al.	10736070	Rhabdoid tumor			2	100.00%
Kawamura T, et al.	11505409	Gastric adenocarcinoma, intestinal type			16	6.25%
Kawamura T, et al.	11505409	Gastric adenocarcinoma, intestinal type			80	43.75%
Kawamura T, et al.	11505409	Gastric adenocarcinoma, diffuse type			176	28.41%
Kawamura T, et al.	11505409	Gastric adenocarcinoma, intestinal type			196	48.47%
Kawamura T, et al.	11505409	Gastric adenocarcinoma, diffuse type			49	2.04%
Cantuaria G, et al.	11571727	Serous carcinoma of the ovary			71	88.73%
Cantuaria G, et al.	11571727	Mucinous carcinoma of the ovary			3	66.66%
Cantuaria G, et al.	11571727	Endometrioid carcinoma of the ovary			16	75.00%
Lambert DW, et al.	11953883	Adenocarcinoma of the colon			24	83.33%
Kim YW, et al.	12143238	Gallbladder adenocarcinoma			71	52.11%
Mineta H, et al.	12529494	Squamous cell carcinoma of the pharynx			99	46.46%
Koga H, et al.	12932118	Diffuse large B cell lymphoma (DLBCL)			1	100.00%
Cooper R, et al.	12942120	Adenocarcinoma of the colon			4	69.77%
Kurokawa T, et al.	15027127	Endometrioid carcinoma of the ovary			2	100.00%
Kurokawa T, et al.	15027127	Mucinous carcinoma of the ovary			5	60.00%
Kurokawa T, et al.	15027127	Serous carcinoma of the ovary			9	88.89%
Weiner MF, et al.	15468132	ral squamous cell carcinoma (floor of the mout			5	100.00%
Weiner MF, et al.	15468132	Squamous cell carcinoma of the larynx			3	100.00%
Weiner MF, et al.	15468132	Squamous cell carcinoma of the pharynx			2	100.00%
Jonathan RA, et al.	16730088	ral squamous cell carcinoma (floor of the mout			5	0.00%
Jonathan RA, et al.	16730088	Squamous cell carcinoma of the pharynx			11	9.09%
Kim YW, et al.	17029879	Anaplastic thyroid carcinoma			7	85.71%
Kato Y, et al.	17192790	Mesothelioma, biphasic			1	100.00%
Yamada A, et al.	17294670	Gastric adenocarcinoma, intestinal type			13	69.23%
Yamada A, et al.	17294670	Gastric adenocarcinoma, diffuse type			3	0.00%
Yamada A, et al.	17294670	Gastric adenocarcinoma, intestinal type			2	100.00%
Yamada A, et al.	17294670	Gastric adenocarcinoma, diffuse type			9	22.22%
Yamada A, et al.	17294670	Gastric adenocarcinoma, intestinal type			4	100.00%
Cleven AH, et al.	17452775	Adenocarcinoma of the colon			133	84.96%
Liedel CC, et al.	17475966	Adenocarcinoma of the colon			93	65.56%
Lidgren A, et al.	17922867	Papillary renal cell carcinoma			20	100.00%
Yasuda M, et al.	18097583	Clear cell carcinoma of the ovary			18	100.00%
Yasuda M, et al.	18097583	Endometrioid carcinoma of the ovary			16	100.00%
Yasuda M, et al.	18097583	Mucinous carcinoma of the ovary			19	100.00%
Yasuda M, et al.	18097583	Serous carcinoma of the ovary			21	100.00%
Ozbudak IH, et al.	1891183	Endometrioid endometrial carcinoma			49	73.47%
Ozbudak IH, et al.	1891183	Endometrioid endometrial carcinoma			20	100.00%
Ahrens WA, et al.	18620729	Chondrosarcoma			5	0.00%
Ahrens WA, et al.	18620729	Dermatofibrosarcoma protuberans			10	0.00%
Ahrens WA, et al.	18620729	alignant peripheral nerve sheath tumor (MPNS			3	33.33%
Ahrens WA, et al.	18620729	Solitary fibrous tumor			11	9.09%
Ahrens WA, et al.	18620729	Synovial sarcoma			10	30.00%
Schrijvers ML, et al.	18722267	Squamous cell carcinoma of the larynx			91	100.00%
Salla JT, et al.	18826382	alignant peripheral nerve sheath tumor (MPNS			4	25.00%
Heinrichst S, et al.	19092346	Pancreatic/Ampullary adenocarcinoma			22	100.00%
Ozbudak IH, et al.	19234439	Lung, neuroendocrine tumor (NET)			29	21.00%
Ozbudak IH, et al.	19234439	Lung, neuroendocrine tumor (NET)			23	74.00%
Ozbudak IH, et al.	19234439	Lung, neuroendocrine tumor (NET)			46	7.00%
Jung YH, et al.	19235753	Follicular thyroid carcinoma			7	14.29%
Jung YH, et al.	19235753	Papillary thyroid carcinoma			14	28.57%
Jung YH, et al.	19235753	Anaplastic thyroid carcinoma			3	100.00%
Khandani AH, et al.	19536037	Hodgkin's lymphoma			1	100.00%
Khandani AH, et al.	19536037	Hodgkin's lymphoma			3	100.00%
Khandani AH, et al.	19536037	Follicular lymphoma			3	100.00%
Khandani AH, et al.	19536037	Follicular lymphoma			4	100.00%
Kojika M, et al.	19648882	Thymoma			84	100.00%
Airley R, et al.	20395120	Adenocarcinoma of the lung			2	0.00%
Airley R, et al.	20395120	Squamous cell carcinoma of the lung			2	100.00%
Airley R, et al.	20395120	Clear cell carcinoma of the ovary			5	20.00%
Airley R, et al.	20395120	Invasive breast carcinoma of no special type			32	18.75%
Airley R, et al.	20395120	Endometrioid carcinoma of the ovary			5	40.00%
Airley R, et al.	20395120	Adenocarcinoma of the colon			4	0.00%
Airley R, et al.	20395120	Serous carcinoma of the ovary			12	58.33%
Airley R, et al.	20395120	Serous carcinoma of the ovary			26	42.31%
Yiong Y, et al.	20572731	Endometrioid endometrial carcinoma			24	91.67%
Krockenberg M, et al.	20592537	Adenocarcinoma of the cervix			41	95.12%
Mayer A, et al.	21109935	Squamous cell carcinoma of the cervix			51	0.00%
Semaan A, et al.	21167567	Serous carcinoma of the ovary			204	100.00%
Korkella E, et al.	21273616	Adenocarcinoma of the colon			175	54.29%
Rohan SM, et al.	21602815	Clear cell (tubulo) papillary renal cell carcinoma			9	100.00%
Rohan SM, et al.	21602815	Papillary renal cell carcinoma			13	84.62%
Carvalho KC, et al.	21808860	Squamous cell carcinoma of the cervix			164	42.07%
Han MW, et al.	22052623	ral squamous cell carcinoma (floor of the mout			33	69.70%
Kawada K, et al.	22282467	Adenocarcinoma of the colon			63	80.95%
Kaira K, et al.	22329847	Lung, neuroendocrine tumor (NET)			34	79.41%
Kaira K, et al.	22329847	Thymoma			49	32.65%
Matter A, et al.	22494537	Schwannoma			1	0.00%
Chlumská A, et al.	22716059	Gliangioneuroma			1	100.00%
Lagana SM, et al.	22742553	Mesothelioma, biphasic			35	62.86%
Lagana SM, et al.	22742553	Mesothelioma, biphasic			100	51.00%
Lagana SM, et al.	22742553	Mesothelioma, epithelioid			9	77.78%
Mitchell A, et al.	22726889	Mesothelioma, epithelioid			21	38.10%
Zámečník M, et al.	23121031	alignant peripheral nerve sheath tumor (MPNS			1	100.00%
Zámečník M, et al.	23121031	Gliangioneuroma			8	100.00%
Yayashi A, et al.	23801129	Thymoma			17	47.06%
Pontes HA, et a.	23969921	T-cell non-Hodgkin's lymphoma			1	0.00%
Adam P, et al.	24496993	Adenocarcinoma of the colon			1	100.00%
Kitasato Y, et al.	25121413	Ductal adenocarcinoma of the pancreas			41	75.61%
Pinheiro C, et al.	25296855	Squamous cell carcinoma of the cervix			29	65.52%
Yu YH, et al.	25747176	ral squamous cell carcinoma (floor of the mout			32	100.00%
Stagner AM, et al.	25794028	Neurofibroma			5	100.00%
Weijler R, et al.	26657503	Cholangiocarcinoma			2	100.00%
Cnapolat T, et al.	26657503	Endometrioid endometrial carcinoma			100	95.00%
Vermeulen MA, et al.	29463225	Adenocarcinoma of the colon			81	58.00%
Vermeulen MA, et al.	29463225	Invasive breast carcinoma of no special type			58	75.86%
Vermeulen MA, et al.	29463225	Invasive breast carcinoma of no special type			18	61.11%
Vermeulen MA, et al.	29463225	Invasive breast carcinoma of no special type			58	62.07%
Shen N, et al.	31653758	Diffuse large B cell lymphoma (DLBCL)			39	64.10%
Fujishima F, et al.	33851620	Mesothelioma, epithelioid			6	0.00%
Dalle Fratte C, et al.	34108073	Adenocarcinoma of the colon			95	0.00%
Berkite L, et al.	37277077	Angiosarcoma			3	100.00%
Nagase Y, et al.	7861542	Clear cell renal cell carcinoma			52	84.62%
Ito T, et al.	9619596	Adenocarcinoma of the lung			24	58.33%
Cantuaria G, et al.	11006027	Serous carcinoma of the ovary			16	100.00%
Cantuaria G, et al.	11006027	Mucinous carcinoma of the ovary			64	100.00%
Baer S, et al.	11889403	Squamous cell carcinoma of the larynx			48	100.00%
Miyakita H, et al.	11972644	Clear cell renal cell carcinoma			17	93.33%
Minami K, et al.	12367793	Adenocarcinoma of the lung			47	40.43%
Kato H, et al.	12529975	Squamous cell carcinoma of the esophagus			95	51.58%
Tomes L, et al.	14531498	Invasive breast carcinoma of no special type			48	90.00%
Tian M, et al.	14551748	ral squamous cell carcinoma (floor of the mout			19	94.74%
Oliver RJ, et al.	14962175	ral squamous cell carcinoma (floor of the mout			54	90.74%
Tohma T, et al.	16045581	Squamous cell carcinoma of the esophagus			63	100.00%
Yasuda M, et al.	16273245	Papillary thyroid carcinoma			129	70.54%
Yasuda M, et al.	16273245	Follicular thyroid carcinoma			60	5.00%
Jonathan RA, et al.	16730088	Squamous cell carcinoma of the larynx			42	19.05%
Koukourakis MI, et al.	16827797	Adenocarcinoma of the colon			79	100.00%
Kim YW, et al.	17029809	Papillary thyroid carcinoma			20	0.00%
Kim YW, et al.	17029809	Follicular thyroid carcinoma			40	0.00%
Kim YW, et al.	17029809	Medullary thyroid carcinoma			10	0.00%
de Geus-Oei LF, et al.	17046099	Squamous cell carcinoma of the lung			8	100.00%
de Geus-Oei LF, et al.	17046099	Adenocarcinoma of the lung			8	100.00%
Kato Y, et al.	17192790	Mesothelioma, epithelioid			36	100.00%
Kato Y, et al.	17192790	Mesothelioma, biphasic			11	63.64%
Kato Y, et al.	17192790	Adenocarcinoma of the lung			30	93.33%
Kato Y, et al.	17192790	Squamous cell carcinoma of the lung			28	100.00%
kunekl m, et al.	17207657	ral squamous cell carcinoma (floor of the mout			40	100.00%
Sun HC, et al.	17487356	Ductal adenocarcinoma of the pancreas			58	67.20%
Ozbudak IH, et al.	18191183	Endometrial carcinoma, high grade, G3			31	100.00%
Paudyal B, et al.	18250992	Hepatocellular carcinoma			1	0.00%
Ahrens WA, et al.	18620729	Angiomyolipoma			3	0.00%
Ahrens WA, et al.	18620729	Angiosarcoma			2	0.00%
Ahrens WA, et al.	18620729	Ewing sarcoma			11	27.27%
Ahrens WA, et al.	18620729	Granular cell tumor			1	100.00%
Ahrens WA, et al.	18620729	Gastrointestinal stromal tumor (GIST)			14	14.29%
Ahrens WA, et al.	18620729	Leiomyosarcoma			10	40.00%
Ahrens WA, et al.	18620729	Liposarcoma			10	0.00%
Ahrens WA, et al.	18620729	Leiomyoma			1	0.00%
Ahrens WA, et al.	18620729	Myofibrosarcoma			1	0.00%
Ahrens WA, et al.	18620729	Neurofibroma			11	36.36%
Ahrens WA, et al.	18620729	Rhabdomyosarcoma			4	75.00%
Ahrens WA, et al.	18620729	Schwannoma			18	22.22%
Ahrens WA, et al.	18620729	Osteosarcoma			2	0.00%
Salla JT, et al.	18826382	Neurofibroma			11	81.82%
Eckert AW, et al.	19020718	ral squamous cell carcinoma (floor of the mout			42	23.81%
Khandani AH, et al.	19536037	Diffuse large B cell lymphoma (DLBCL)			9	100.00%
Khandani AH, et al.	19536037	Burkitt lymphoma			3	100.00%
Ogane N, et al.	20123453	Squamous cell carcinoma of the esophagus			96	100.00%
Miyawaki A, et al.	20372831	ral squamous cell carcinoma (floor of the mout			37	81.08%
Airley R, et al.	20395120	Squamous cell carcinoma of the lung			25	88.00%
Airley R, et al.	20395120	Adenocarcinoma of the lung			17	64.71%
Airley R, et al.	20395120	Adenocarcinoma of the colon			41	53.66%
Airley R, et al.	20395120	Lobular carcinoma of the breast			7	0.00%
Airley R, et al.	20395120	Mucinous carcinoma of the ovary			5	0.00%
Airley R, et al.	20395120	Clear cell carcinoma of the ovary			6	33.33%
Legan M, et al.	20512538	Gallbladder adenocarcinoma			56	48.21%
Seeber LM, et al.	20565904	Endometrioid endometrial carcinoma			93	81.72%
Singer K, et al.	20607826	Clear cell renal cell carcinoma			79	27.00%
Singer K, et al.	20607826	Papillary renal cell carcinoma			66	24.24%
Singer K, et al.	20607826	Chromophobe renal cell carcinoma			73	28.77%
Singer K, et al.	20607826	Oncocytoma of the kidney			30	0.00%
Eckert AW, et al.	21438910	ral squamous cell carcinoma (floor of the mout			79	59.49%
Rohan SM, et al.	21602815	Clear cell renal cell carcinoma			11	100.00%
Ohno T, et al.	21773906	Schwannoma			2	0.00%
Moore SH, et al.	22889973	Papillary thyroid carcinoma			40	0.00%
Li YZ, et al.	23098453	Squamous cell carcinoma of the vulva			25	100.00%
Kita Y, et al.	23238695	Squamous cell carcinoma of the esophagus			80	30.00%
Souto GR, et al.	23362929	Granular cell tumor			6	0.00%
Requena L, et al.	23598966	alignant peripheral nerve sheath tumor (MPNS			3	0.00%
Requena L, et al.	23598966	Basal cell carcinoma of the skin			1	0.00%
Yayashi A, et al.	23801129	Squamous cell carcinoma of the lung			12	100.00%
Shimada Y, et al.	24069997	Schwannoma			1	100.00%
Huang XQ, et al.	24817962	Squamous cell carcinoma of the cervix			132	100.00%
Alves VA, et al.	25206282	Hepatocellular carcinoma			76	9.21%
Pinheiro C, et al.	25296855	Squamous cell carcinoma of the cervix			37	75.68%
Angadi VC, et al.	26062860					