

Supplementary Table 1

## GBM4

CD	%Gated
9	99.96
15	28.24
24	99.67
26	45.72
29	94.81
34	54.75
44	97.35
46	99.98
47	100
54	73.14
55	73.42
56	69.62
57	98.98
59	99.98
61	31.87
63	99.92
71	99.75
73	60.17
81	99.8
90	64.35
91	90.62
94	92.85
95	97.53
97	99.99
98	100
99	99.99
105	98.24
109	20.36
112	79.71
118	36.06
119	98.89
130	91.14
141	86
142	92
146	94.54
147	100
151	99.86
152	27.17
164	98.76
165	99.92
166	98.03
184	61.1
200	95.55
209	26.39
220	50.1

## GBM11

CD	%Gated
9	100
10	48.99
26	70.04
29	39.52
34	99.26
38	36.44
40	34.05
44	100
46	100
47	99.99
54	99.41
55	98.61
56	99.75
57	88.91
59	100
61	91.58
63	99.96
71	99.99
73	99.98
74	95.29
77	85.22
80	28.97
81	99.84
90	30.33
91	99.32
94	75.71
95	98.11
97	99.98
98	100
99	99.86
104	98.99
105	48.77
106	98.22
109	29.73
112	32.23
119	99.06
130	56.11
141	61.41
142	78.23
146	96.73
147	99.99
151	88.73
164	99.98
165	99.67
166	99.68

## GBM13

CD	%Gated
9	100
24	78.56
26	70.49
29	91.72
34	55.04
44	100
46	100
47	99.98
50	21.35
54	94.73
55	100
56	99.56
57	96.16
59	99.95
61	84.77
63	99.92
71	99.55
73	99.97
77	64.76
80	25.44
81	99.83
90	99.06
91	99.25
94	97.98
95	99.76
97	100
98	100
99	99.99
104	70.65
105	88.5
108	65.92
112	71.2
118	44.6
119	98.85
130	93.38
141	98.98
142	99.19
144	41.24
146	98.83
147	99.99
151	99.89
152	37.74
164	96.08
165	99.98
166	99.47

221	88.91	184	43.79	184	56.94
227	55.26	201	40.7	200	98.67
268	46.26	205	99.62	209	61.79
271	93.53	221	37.27	220	81.34
274	20.2	227	95.48	221	78.72
338	21.76	268	41.13	227	62.9
340	94.98	271	98.13	268	50.41
107A	73.59	273	81.29	271	99.87
107B	38.39	274	97.28	274	75.63
120A	47.52	321	20.37	321	84.49
140A	50.48	338	38.87	329	34.7
140B	55.76	340	86.48	338	38.32
172B	75.75	107A	99.4	340	97.36
49b	99.99	107B	98.22	107A	88.26
49c	83.81	120A	93.31	107B	54.28
49d	51.39	121B	23.32	120A	71.32
49e	88.34	140A	23.9	140B	37.51
49f	98.52	172B	34.05	172B	89.85
51/61	55.64	49b	99.97	49a	35.63
99R	92.65	49c	100	49b	99.98
b2m	99.81	49d	96.86	49c	100
egfr	31.04	49e	100	49d	23.75
GD2	92.33	49f	99.67	49e	99.93
HLA ABC	99.97	51/61	96.93	49f	99.77
HLA DQ	93.52	62P	20.62	51/61	93.03
HLAA2	97.18	99R	88.77	99R	99.45
MICA/B	40.37	b2m	99.96	b2m	99.94
SSEA1	31.86	GD2	99.94	CD326	63.61
		HLA ABC	99.97	egfr	53.2
		HLA DQ	99.46	GD2	99.96
		HLA DR	99.98	HLA ABC	99.99
		HLA DRPQ	99.95	HLA DQ	99.72
				HLAA2	99.22
				MICA/B	43.86
				SSEA4	32.18

GBM1		GBM20	
CD	%Gated	CD	%Gated
9	26.7	9	99.97
15	36.8	15	67.12
26	32	24	89.22
29	62	26	55.02
34	3.8	29	65.05
44	71.6	34	56.14
46	89.3	44	99.84
47	91.6	46	99.98
54	23.6	47	100
56	82.7	50	31.08
57	71.3	54	38.51
58	77.2	55	34.17
58	77.2	56	99.75
59	80.9	57	99.75
63	83.2	58	100
71	87.1	59	99.92
73	37.9	61	88.07
81	89.8	63	99.95
90	81.3	71	99.64
91	57.7	73	99.87
94	70.5	74	37.5
95	73.8	75	22.84
97	86	77	65.45
98	75.6	80	57.11
99	87.2	81	100
106	25.6	88	47.35
119	75.1	90	99.04
142	82.6	91	94.09
146	83.3	94	89.63
147	90.9	95	96.69
151	89	97	99.97
164	76.7	98	100
165	87.8	99	99.99
166	87.3	105	74.88
200	70.6	106	45.03
227	50.5	108	75.15
271	53.4	112	55.1
321	21.5	118	20.41
340	26.8	119	98.14
107a	41.4	130	98.03
140a	28.2	138	47.21
49a	34.9	141	94.31
49b	89.1	142	97.51
49c	29.2	146	96.92
49d	31	147	100
49e	68.6	151	99.98

49f	63.8	152	75.76
99r	36.7	164	97.38
b2m	83.8	165	99.97
gd2	53.8	166	94.15
HLA ABC	90.8	171	36.09
HLA DQ	40.3	184	47.56
ssea1	58.9	200	98.92
		205	20.88
		209	47.54
		220	81.45
		221	58
		227	91.57
		231	21.87
		268	73.6
		271	98.5
		273	34.4
		274	72.22
		321	42.19
		338	90.98
		340	79.74
		107A	78.66
		107B	71.14
		120A	69.01
		120B	41.99
		140A	26.31
		140B	66.96
		172B	70.02
		49b	99.33
		49c	99.96
		49d	82.31
		49e	99.83
		49f	93.66
		51/61	94.17
		99R	97.86
		b2m	100
		egfr	68.68
		GD2	99.82
		HLA ABC	99.95
		HLA DQ	98.28
		HLA DR	96.45
		HLA DRPQ	95.51
		HLAA2	99.94
		MICA/B	77.53
		SSEA1	66.06

Full list of antigen screened can be found  
<http://www.bdbiosciences.com/ds/pm/others/23-10930.pdf>  
 Data shows percentage expressed of each antigen (CD).