

Stowell et al Supplemental Table 2

Glycan binding specificity of mGal-1 (C2SV5D Gal-1)

Glycan #	Glycan*	RFU	SEM
1	Neu5Aca2-8Neu5Acb-Sp17	36	16
2	Neu5Aca2-8Neu5Aca2-8Neu5Acb-Sp8	6	4
3	Neu5Gcb2-6Galb1-4GlcNAc-Sp8	71	21
4	Galb1-3GlcNAcb1-2Mana1-3(Galb1-3GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp19	1411	49
5	Gala-Sp8	3125	233
6	Glca-Sp8	1959	144
7	Mana-Sp8	2789	114
8	GalNAca-Sp8	1852	130
9	Fuca-Sp8	2563	197
10	Fuca-Sp9	2154	324
11	Rha-Sp8	2764	356
12	Neu5Aca-Sp8	2164	217
13	Neu5Aca-Sp11	103	45
14	Neu5Acb-Sp8	831	69
15	Galb-Sp8	3380	152
16	Glcb-Sp8	2864	177

17	Manb-Sp8	146	26
18	GalNAcb-Sp8	126	14
19	GlcNAcb-Sp0	101	12
20	GlcNAcb-Sp8	148	30
21	GlcN(Gc)b-Sp8	128	18
22	Galb1-4GlcNAcb1-3(Galb1-4GlcNAcb1-6)GalNAca-Sp8	3272	221
23	GlcNAcb1-3(GlcNAcb1-4)(GlcNAcb1-6)GlcNAc-Sp8	212	15
24	[3OSO3][6OSO3]Galb1-4[6OSO3]GlcNAcb-Sp0	168	14
25	[3OSO3][6OSO3]Galb1-4GlcNAcb-Sp0	81	21
26	[3OSO3]Galb1-4Glc b-Sp8	1373	65
27	[3OSO3]Galb1-4[6OSO3]Glc b-Sp0	1804	71
28	[3OSO3]Galb1-4[6OSO3]Glc b-Sp8	1392	28
29	[3OSO3]Galb1-3(Fuca1-4)GlcNAcb-Sp8	6012	291
30	[3OSO3]Galb1-3GalNAca-Sp8	56	6
31	[3OSO3]Galb1-3GlcNAcb-Sp8	2185	57
32	[3OSO3]Galb1-4(Fuca1-3)GlcNAcb-Sp8	77	15
33	[3OSO3]Galb1-4[6OSO3]GlcNAcb-Sp8	4480	171
34	[3OSO3]Galb1-4GlcNAcb-Sp0	2843	165
35	[3OSO3]Galb1-4GlcNAcb-Sp8	2335	58

36	[3OSO3]Galb-Sp8	74	6
37	[4OSO3][6OSO3]Galb1-4GlcNAcb-Sp0	18	15
38	[4OSO3]Galb1-4GlcNAcb-Sp8	-8	6
39	6-H2PO3Mana-Sp8	66	24
40	[6OSO3]Galb1-4Glc-Sp0	504	96
41	[6OSO3]Galb1-4Glc-Sp8	50	15
42	[6OSO3]Galb1-4GlcNAcb-Sp8	98	22
43	[6OSO3]Galb1-4[6OSO3]Glc-Sp8	102	9
44	Neu5Aca2-3[6OSO3]Galb1-4GlcNAcb-Sp8	34	10
45	[6OSO3]GlcNAcb-Sp8	0	10
46	Neu5Ac(9Ac)a-Sp8	1704	53
47	Neu5Ac(9Ac)a2-6Galb1-4GlcNAcb-Sp8	2011	116
48	Mana1-3(Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp13	2675	96
49	GlcNAcb1-2Mana1-3(GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp13	62	9
50	Galb1-4GlcNAcb1-2Mana1-3(Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	1018	47
51	Galb1-4GlcNAcb1-2Mana1-3(Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp13	6452	320
52	Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-3(Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	29	11
53	Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-3(Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp13	260	35

54	Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-3(Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp8	45	8
55	Fuca1-2Galb1-3GalNAcb1-3Gala-Sp9	101	8
56	Fuca1-2Galb1-3GalNAcb1-3Gala1-4Galb1-4Glc-Sp9	53	18
57	Fuca1-2Galb1-3(Fuca1-4)GlcNAcb-Sp8	195	7
58	Fuca1-2Galb1-3GalNAca-Sp8	224	24
59	Fuca1-2Galb1-3GalNAcb1-4(Neu5Aca2-3)Galb1-4Glc-Sp0	178	11
60	Fuca1-2Galb1-3GalNAcb1-4(Neu5Aca2-3)Galb1-4Glc-Sp9	45	7
61	Fuca1-2Galb1-3GlcNAcb1-3Galb1-4Glc-Sp10	866	93
62	Fuca1-2Galb1-3GlcNAcb1-3Galb1-4Glc-Sp8	776	75
63	Fuca1-2Galb1-3GlcNAcb-Sp0	752	25
64	Fuca1-2Galb1-3GlcNAcb-Sp8	496	108
65	Fuca1-2Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb-Sp0	96	25
66	Fuca1-2Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb-Sp0	239	3
67	Fuca1-2Galb1-4(Fuca1-3)GlcNAcb-Sp0	80	11
68	Fuca1-2Galb1-4(Fuca1-3)GlcNAcb-Sp8	69	12
69	Fuca1-2Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	1620	62
70	Fuca1-2Galb1-4GlcNAcb1-3Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	2703	127
71	Fuca1-2Galb1-4GlcNAcb-Sp0	128	8
72	Fuca1-2Galb1-4GlcNAcb-Sp8	589	54

73	Fuca1-2Galb1-4GlcB-Sp0	105	16
74	Fuca1-2Galb-Sp8	32	16
75	Fuca1-3GlcNAcb-Sp8	20	13
76	Fuca1-4GlcNAcb-Sp8	16	6
77	Fucb1-3GlcNAcb-Sp8	47	17
78	GalNAca1-3(Fuca1-2)Galb1-3GlcNAcb-Sp0	196	27
79	GalNAca1-3(Fuca1-2)Galb1-4(Fuca1-3)GlcNAcb-Sp0	155	5
80	GalNAca1-3(Fuca1-2)Galb1-4GlcNAcb-Sp0	112	14
81	GalNAca1-3(Fuca1-2)Galb1-4GlcNAcb-Sp8	166	17
82	GalNAca1-3(Fuca1-2)Galb1-4GlcB-Sp0	51	25
83	GalNAca1-3(Fuca1-2)Galb-Sp8	36	14
84	GalNAca1-3GalNAcb-Sp8	20	14
85	GalNAca1-3Galb-Sp8	-40	34
86	GalNAca1-4(Fuca1-2)Galb1-4GlcNAcb-Sp8	35	5
87	GalNAcb1-3GalNAca-Sp8	-15	4
88	GalNAcb1-3(Fuca1-2)Galb-Sp8	2	7
89	GalNAcb1-3Gala1-4Galb1-4GlcNAcb-Sp0	12	4
90	GalNAcb1-4(Fuca1-3)GlcNAcb-Sp0	26	14
91	GalNAcb1-4GlcNAcb-Sp0	3	14

92	GalNAcb1-4GlcNAcb-Sp8	51	28
93	Gala1-2Galb-Sp8	67	18
94	Gala1-3(Fuca1-2)Galb1-3GlcNAcb-Sp0	468	68
95	Gala1-3(Fuca1-2)Galb1-4(Fuca1-3)GlcNAcb-Sp0	339	70
96	Gala1-3(Fuca1-2)Galb1-4GlcNAc-Sp0	183	36
97	Gala1-3(Fuca1-2)Galb1-4Glc-Sp0	-75	48
98	Gala1-3(Fuca1-2)Galb-Sp8	50	13
99	Gala1-3(Gala1-4)Galb1-4GlcNAcb-Sp8	32	20
100	Gala1-3GalNAca-Sp8	14	17
101	Gala1-3GalNAcb-Sp8	59	8
102	Gala1-3Galb1-4(Fuca1-3)GlcNAcb-Sp8	7	19
103	Gala1-3Galb1-3GlcNAcb-Sp0	355	35
104	Gala1-3Galb1-4GlcNAcb-Sp8	1781	92
105	Gala1-3Galb1-4Glc-Sp0	333	65
106	Gala1-3Galb-Sp8	62	11
107	Gala1-4(Fuca1-2)Galb1-4GlcNAcb-Sp8	49	23
108	Gala1-4Galb1-4GlcNAcb-Sp0	43	25
109	Gala1-4Galb1-4GlcNAcb-Sp8	273	135
110	Gala1-4Galb1-4Glc-Sp0	85	26

111	Gala1-4GlcNAcb-Sp8	408	214
112	Gala1-6Glc b-Sp8	41	16
113	Galb1-2Galb-Sp8	65	15
114	Galb1-3(Fuca1-4)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb-Sp0	39	17
115	Galb1-3(Fuca1-4)GlcNAcb1-3Galb1-4GlcNAcb-Sp0	869	119
116	Galb1-3(Fuca1-4)GlcNAcb-Sp0	91	10
117	Galb1-3(Fuca1-4)GlcNAc-Sp8	24	9
118	Galb1-3(Fuca1-4)GlcNAcb-Sp8	32	3
119	Galb1-3(Galb1-4GlcNAcb1-6)GalNAca-Sp8	1139	82
120	Galb1-3(GlcNAcb1-6)GalNAca-Sp8	1695	74
121	Galb1-3(Neu5Aca2-6)GalNAca-Sp8	2026	179
122	Galb1-3(Neu5Acb2-6)GalNAca-Sp8	18	7
123	Galb1-3(Neu5Aca2-6)GlcNAcb1-4Galb1-4Glc b-Sp10	64	17
124	Galb1-3GalNAca-Sp8	37	11
125	Galb1-3GalNAcb-Sp8	55	11
126	Galb1-3GalNAcb1-3Gala1-4Galb1-4Glc b-Sp0	33	12
127	Galb1-3GalNAcb1-4(Neu5Aca2-3)Galb1-4Glc b-Sp0	5	15
128	Galb1-3GalNAcb1-4Galb1-4Glc b-Sp8	18	4
129	Galb1-3Galb-Sp8	68	14

130	Galb1-3GlcNAcb1-3Galb1-4GlcNAcb-Sp0	1277	141
131	Galb1-3GlcNAcb1-3Galb1-4Glc-Sp10	1357	70
132	Galb1-3GlcNAcb-Sp0	761	14
133	Galb1-3GlcNAcb-Sp8	671	74
134	Galb1-4(Fuca1-3)GlcNAcb-Sp0	48	15
135	Galb1-4(Fuca1-3)GlcNAcb-Sp8	76	19
136	Galb1-4(Fuca1-3)GlcNAcb1-4Galb1-4(Fuca1-3)GlcNAcb-Sp0	124	44
137	Galb1-4(Fuca1-3)GlcNAcb1-4Galb1-4(Fuca1-3)GlcNAcb1-4Galb1-4(Fuca1-3)GlcNAcb-Sp0	44	21
138	Galb1-4[6OSO3]Glc-Sp0	213	42
139	Galb1-4[6OSO3]Glc-Sp8	301	37
140	Galb1-4GalNAca1-3(Fuca1-2)Galb1-4GlcNAcb-Sp8	129	26
141	Galb1-4GalNAcb1-3(Fuca1-2)Galb1-4GlcNAcb-Sp8	43	22
142	Neu5Aca2-3Galb1-4GlcNAcb1-2Mana1-3(Neu5Aca2-3Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	3002	58
143	Galb1-4GlcNAcb1-3GalNAca-Sp8	1800	93
144	Galb1-4GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb-Sp0	2753	146
145	Galb1-4GlcNAcb1-3Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	3010	270
146	Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	2310	244
147	Galb1-4GlcNAcb1-3Galb1-4Glc-Sp0	2272	79
148	Galb1-4GlcNAcb1-3Galb1-4Glc-Sp8	1875	264

149	Galb1-4GlcNAcb1-6(Galb1-3)GalNAca-Sp8	1317	70
150	Galb1-4GlcNAcb1-6GalNAca-Sp8	1134	64
151	Galb1-4GlcNAcb-Sp0	657	269
152	Galb1-4GlcNAcb-Sp8	1655	149
153	Galb1-4Glc-Sp0	804	218
154	Galb1-4Glc-Sp8	839	208
155	GlcNAca1-3Galb1-4GlcNAcb-Sp8	450	228
156	GlcNAca1-6Galb1-4GlcNAcb-Sp8	1823	153
157	GlcNAcb1-2Galb1-3GalNAca-Sp8	1645	364
158	GlcNAcb1-3(GlcNAcb1-6)GalNAca-Sp8	1952	121
159	GlcNAcb1-3(GlcNAcb1-6)Galb1-4GlcNAcb-Sp8	1849	278
160	GlcNAcb1-3GalNAca-Sp8	1923	244
161	GlcNAcb1-3Gal-Sp8	2532	227
162	GlcNAcb1-3Galb1-3GalNAca-Sp8	147	30
163	GlcNAcb1-3Galb1-4GlcNAcb-Sp0	2309	261
164	GlcNAcb1-3Galb1-4GlcNAcb-Sp8	3484	181
165	GlcNAcb1-3Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	3360	532
166	GlcNAcb1-3Galb1-4Glc-Sp0	3116	319
167	GlcNAcb1-4-MDPLys	1743	166

168	GlcNAcb1-4(GlcNAcb1-6)GalNAca-Sp8	77	9
169	GlcNAcb1-4Galb1-4GlcNAcb-Sp8	93	26
170	(GlcNAcb1-4)6b-Sp8	664	172
171	(GlcNAcb1-4)5b-Sp8	558	124
172	GlcNAcb1-4GlcNAcb1-4GlcNAcb-Sp8	84	43
173	GlcNAcb1-6(Galb1-3)GalNAca-Sp8	301	178
174	GlcNAcb1-6GalNAca-Sp8	43	24
175	GlcNAcb1-6Galb1-4GlcNAcb-Sp8	268	169
176	Glca1-4Glcb-Sp8	72	38
177	Glca1-4Glca-Sp8	476	167
178	Glca1-6Glca1-6Glcb-Sp8	234	91
179	Glcb1-4Glcb-Sp8	21	6
180	Glcb1-6Glcb-Sp8	40	6
181	G-ol-Sp8	21	3
182	GlcAa-Sp8	48	14
183	GlcAb-Sp8	219	33
184	GlcAb1-3Galb-Sp8	12	7
185	GlcAb1-6Galb-Sp8	81	20
186	KDNa2-3Galb1-3GlcNAcb-Sp0	487	87

187	KDNa2-3Galb1-4GlcNAcb-Sp0	734	100
188	Mana1-2Mana1-2Mana1-3Mana-Sp9	37	13
189	Mana1-2Mana1-3(Mana1-2Mana1-6)Mana-Sp9	15	8
190	Mana1-2Mana1-3Mana-Sp9	19	5
191	Mana1-6(Mana1-2Mana1-3)Mana1-6(Mana1-2Mana1-3)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	-57	14
192	Mana1-2Mana1-6(Mana1-3)Mana1-6(Mana1-2Mana1-2Mana1-3)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	34	14
193	Mana1-2Mana1-2Mana1-3(Mana1-2Mana1-3(Mana1-2Mana1-6)Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	277	19
194	Mana1-3(Mana1-6)Mana-Sp9	12	3
195	Mana1-3(Mana1-2Mana1-2Mana1-6)Mana-Sp9	13	8
196	Mana1-6(Mana1-3)Mana1-6(Mana1-2Mana1-3)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	1180	136
197	Mana1-6(Mana1-3)Mana1-6(Mana1-3)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	74	13
198	Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-3(Neu5Aca2-3Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	922	102
199	Manb1-4GlcNAcb-Sp0	9	2
200	Fuca1-3(Galb1-4)GlcNAcb1-2Mana1-3(Fuca1-3(Galb1-4)GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp20	28	22
201	Neu5Aca2-3Galb1-3GalNAca-Sp8	-11	4
202	Neu5Aca2-8Neu5Aca2-8Neu5Aca2-8Neu5Aca2-3(GalNAcb1-4)Galb1-4Glc-Sp0	61	16
203	Neu5Aca2-8Neu5Aca2-8Neu5Aca2-3(GalNAcb1-4)Galb1-4Glc-Sp0	200	27
204	Neu5Aca2-8Neu5Aca2-8Neu5Aca2-3Galb1-4Glc-Sp0	286	50

205	Neu5Aca2-8Neu5Aca2-3(GalNAcb1-4)Galb1-4GlcB-Sp0	1	6
206	Neu5Aca2-8Neu5Aca2-8Neu5Aca-Sp8	-7	14
207	Neu5Aca2-3(6-O-Su)Galb1-4(Fuca1-3)GlcNAcb-Sp8	-4	8
208	Neu5Aca2-3(GalNAcb1-4)Galb1-4GlcNAcb-Sp0	-7	25
209	Neu5Aca2-3(GalNAcb1-4)Galb1-4GlcNAcb-Sp8	-13	5
210	Neu5Aca2-3(GalNAcb1-4)Galb1-4GlcB-Sp0	-16	10
211	Neu5Aca2-3(Neu5Aca2-3Galb1-3GalNAcb1-4)Galb1-4GlcB-Sp0	-50	15
212	Neu5Aca2-3(Neu5Aca2-6)GalNAca-Sp8	87	27
213	Neu5Aca2-3GalNAca-Sp8	99	33
214	Neu5Aca2-3GalNAcb1-4GlcNAcb-Sp0	52	29
215	Neu5Aca2-3Galb1-3[6OSO3]GlcNAc-Sp8	857	40
216	Neu5Aca2-3Galb1-3(Fuca1-4)GlcNAcb-Sp8	-19	26
217	Neu5Aca2-3Galb1-3(Fuca1-4)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb-Sp0	325	121
218	Neu5Aca2-3Galb1-3(Neu5Aca2-3Galb1-4)GlcNAcb-Sp8	5	28
219	Neu5Aca2-3Galb1-3[6OSO3]GalNAca-Sp8	-20	10
220	Neu5Aca2-3Galb1-3(Neu5Aca2-6)GalNAca-Sp8	38	33
221	Neu5Aca2-3Galb-Sp8	46	27
222	Neu5Aca2-3Galb1-3GalNAcb1-3Gala1-4Galb1-4GlcB-Sp0	210	109
223	Neu5Aca2-3Galb1-3GlcNAcb1-3Galb1-4GlcNAcb-Sp0	1435	65

224	Neu5Aca2-3Galb1-3GlcNAcb-Sp0	712	34
225	Neu5Aca2-3Galb1-3GlcNAcb-Sp8	798	31
226	Neu5Aca2-3Galb1-4[6OSO3]GlcNAcb-Sp8	1321	95
227	Neu5Aca2-3Galb1-4(Fuca1-3)[6OSO3]GlcNAcb-Sp8	1384	87
228	Neu5Aca2-3Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb-Sp0	1069	118
229	Neu5Aca2-3Galb1-4(Fuca1-3)GlcNAcb-Sp0	923	294
230	Neu5Aca2-3Galb1-4(Fuca1-3)GlcNAcb-Sp8	1343	79
231	Neu5Aca2-3Galb1-4(Fuca1-3)GlcNAcb1-3Galb-Sp8	1614	147
232	Neu5Aca2-3Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-4GlcNAcb-Sp8	1253	62
233	Neu5Aca2-3Galb1-4GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAc-Sp0	146	32
234	Neu5Aca2-3Galb1-4GlcNAcb1-3Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	2610	160
235	Neu5Aca2-3Galb1-4GlcNAcb-Sp0	1560	175
236	Neu5Aca2-3Galb1-4GlcNAcb-Sp8	748	43
237	Neu5Aca2-3Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	1534	28
238	Neu5Aca2-3Galb1-4Glc-Sp0	247	10
239	Neu5Aca2-3Galb1-4Glc-Sp8	421	159
240	Neu5Aca2-6GalNAca-Sp8	-12	10
241	Neu5Aca2-6GalNAcb1-4GlcNAcb-Sp0	-27	14
242	Neu5Aca2-6Galb1-4[6OSO3]GlcNAcb-Sp8	56	20

243	Neu5Aca2-6Galb1-4GlcNAcb-Sp0	11	14
244	Neu5Aca2-6Galb1-4GlcNAcb-Sp8	93	22
245	Neu5Aca2-6Galb1-4GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb-Sp0	50	12
246	Neu5Aca2-6Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	156	25
247	Neu5Aca2-6Galb1-4Glc-Sp0	121	31
248	Neu5Aca2-6Galb1-4Glc-Sp8	16	7
249	Neu5Aca2-6Galb-Sp8	28	17
250	Neu5Aca2-8Neu5Aca-Sp8	-16	15
251	Neu5Aca2-8Neu5Aca2-3Galb1-4Glc-Sp0	172	27
252	Neu5Acb2-6GalNAca-Sp8	3	4
253	Neu5Acb2-6Galb1-4GlcNAcb-Sp8	39	15
254	Neu5Gca2-3Galb1-3(Fuca1-4)GlcNAcb-Sp0	99	28
255	Neu5Gca2-3Galb1-3GlcNAcb-Sp0	599	111
256	Neu5Gca2-3Galb1-4(Fuca1-3)GlcNAcb-Sp0	57	12
257	Neu5Gca2-3Galb1-4GlcNAcb-Sp0	843	69
258	Neu5Gca2-3Galb1-4Glc-Sp0	329	132
259	Neu5Gca2-6GalNAca-Sp0	-28	26
260	Neu5Gca2-6Galb1-4GlcNAcb-Sp0	440	171
261	Neu5Gca-Sp8	497	216

262	[3OSO3]Galb1-4(Fuca1-3)[6OSO3]Glc-Sp0	290	62
263	[3OSO3]Galb1-4(Fuca1-3)Glc-Sp0	50	17
264	[3OSO3]Galb1-4(Fuca1-3)[6OSO3]GlcNAc-Sp8	796	37
265	[3OSO3]Galb1-4(Fuca1-3)GlcNAc-Sp0	77	19
266	Fuca1-2[6OSO3]Galb1-4GlcNAc-Sp0	11	1
267	Fuca1-2Galb1-4[6OSO3]GlcNAc-Sp8	994	81
268	Fuca1-2[6OSO3]Galb1-4[6OSO3]Glc-Sp0	-107	17
269	Fuca1-2[6OSO3]Galb1-4Glc-Sp0	51	15
270	Fuca1-2Galb1-4[6OSO3]Glc-Sp0	475	31
271	Galb1-3(Fuca1-4)GlcNAcb1-3Galb1-3(Fuca1-4)GlcNAcb-Sp0	74	15
272	Galb1-3(Galb1-4GlcNacb1-6)GalNAc-Sp14	649	247
273	Galb1-3(GlcNacb1-6)GalNAc-Sp14	1970	71
274	Galb1-3(Neu5Aca2-3Galb1-4GlcNacb1-6)GalNAca-Sp14	1035	107
275	Galb1-3GalNAca-Sp14	238	157
276	Galb1-3GlcNAcb1-3Galb1-3GlcNAcb-Sp0	1404	66
277	Galb1-4(Fuca1-3)[6OSO3]GlcNAc-Sp0	781	104
278	Galb1-4(Fuca1-3)[6OSO3]Glc-Sp0	-32	29
279	Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-3(Fuca1-4)GlcNAcb-Sp0	69	14
280	Galb1-4GlcNAcb1-3Galb1-3GlcNAcb-Sp0	647	70

281	Neu5Aca2-3Galb1-3GlcNAcb1-3Galb1-3GlcNAcb-Sp0	998	42
282	Neu5Aca2-3Galb1-4GlcNAcb1-3Galb1-3GlcNAcb-Sp0	2268	136
283	[3OSO3]Galb1-4[6OSO3]GlcNAcb-Sp0	4539	117
284	[3OSO3][4OSO3]Galb1-4GlcNAcb-Sp0	204	221
285	[6OSO3]Galb1-4[6OSO3]GlcNAcb-Sp0	1966	112
286	6-H2PO3Glc-Sp10	1508	168
287	Gala1-3(Fuca1-2)Galb-Sp18	2102	231
288	Gala1-3GalNAca-Sp16	199	49
289	Galb1-3GalNAca-Sp16	30	11
290	Galb1-3(Neu5Aca2-3Galb1-4(Fuca1-3)GlcNAcb1-6)GalNAca-Sp14	2240	80
291	Galb1-3Galb1-4GlcNAcb-Sp8	2890	235
292	Galb1-4GlcNAcb1-2Mana1-3(Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	2505	182
293	Galb1-4GlcNAcb1-3(Galb1-4GlcNAcb1-6)Galb1-4GlcNAc-Sp0	3623	239
294	Galb1-4GlcNAcb1-3(GlcNAcb1-6)Galb1-4GlcNAc-Sp0	2137	143
295	Galb1-4GlcNAca1-6Galb1-4GlcNAcb-Sp0	2868	207
296	Galb1-4GlcNAcb1-6Galb1-4GlcNAcb-Sp0	1456	97
297	GalNAca1-3(Fuca1-2)Galb-Sp18	66	15
298	GalNAca-Sp15	6	16
299	GalNAcb1-3Galb-Sp8	27	14

300	GlcAb1-3GlcNAcb-Sp8	173	127
301	GlcNAcb1-2Mana1-3(Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	89	23
302	GlcNAcb1-2Mana1-3(GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	170	124
303	GlcNAcb1-3Man-Sp10	91	38
304	GlcNAcb1-4GlcNAcb-Sp10	79	16
305	GlcNAcb1-4GlcNAcb-Sp12	25	4
306	HOOC(CH3)CH-3-O-GlcNAcb1-4GlcNAcb-Sp10	13	3
307	Mana1-3(Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	3036	204
308	Mana1-6Manb-Sp10	44	13
309	Mana1-6(Mana1-3)Mana1-6(Mana1-3)Manb-Sp10	44	20
310	Mana1-2Mana1-2Mana1-3(Mana1-2Mana1-6(Mana1-3)Mana1-6)Mana-Sp9	23	25
311	Mana1-2Mana1-2Mana1-3(Mana1-2Mana1-6(Mana1-2Mana1-3)Mana1-6)Mana-Sp9	14	14
312	Neu5Aca2-3Galb1-3(Neu5Aca2-3Galb1-4GlcNAcb1-6)GalNAca-Sp14	136	23
313	Neu5Aca2-3Galb1-3(Neu5Aca2-6)GalNAca-Sp14	614	119
314	Neu5Aca2-3Galb1-3GalNAca-Sp14	40	25
315	Neu5Aca2-3Galb1-4GlcNAcb1-2Mana1-3(Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	1361	97
316	Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-3(Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	952	245
317	Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-3(GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	36	7

318	Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-3(Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-N(LT)AVL	328	59
319	Fuca1-2Galb1-3GalNAca-Sp14	263	28
320	Galb1-3(Neu5Aca2-6)GalNAca-Sp14	2053	79
321	Galb1-4GlcNAcb1-3GalNAc-Sp14	1087	89
322	Neu5Ac(9Ac)a2-3Galb1-4GlcNAcb-Sp0	769	72
323	Neu5Ac(9Ac)a2-3Galb1-3GlcNAcb-Sp0	369	39
324	Neu5Aca2-6Galb1-4GlcNAcb1-3Galb1-3GlcNAcb-Sp0	43	18
325	Neu5Aca2-3Galb1-3(Fuca1-4)GlcNAcb1-3Galb1-3(Fuca1-4)GlcNAcb-Sp0	63	26
326	Neu5Aca2-6Galb1-4GlcNAcb1-3Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	75	17
327	Gala1-4Galb1-4GlcNAcb1-3Galb1-4Glc-Sp0	40	25
328	GalNAcb1-3Gala1-4Galb1-4GlcNAcb1-3Galb1-4Glc-Sp0	22	14
329	GalNAca1-3(Fuca1-2)Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	379	110
330	GalNAca1-3(Fuca1-2)Galb1-4GlcNAcb1-3Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	1396	39
331	(Neu5Aca2-3-Galb1-3)(((Neu5Aca2-3-Galb1-4(Fuca1-3))GlcNAcb1-6)GalNAc-Sp14	212	22
332	GlcNAca1-4Galb1-4GlcNAcb1-3Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	183	30
333	GlcNAca1-4Galb1-4GlcNAcb-Sp0	40	16
334	GlcNAca1-4Galb1-3GlcNAcb-Sp0	17	4
335	GlcNAca1-4Galb1-4GlcNAcb1-3Galb1-4Glc-Sp0	22	10
336	GlcNAca1-4Galb1-4GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb-Sp0	417	72

337	GlcNAc1-4Galb1-4GlcNAcb1-3Galb1-4GlcNAcb-Sp0	77	30
338	GlcNAc1-4Galb1-3GalNAc-Sp14	95	19
339	Mana1-3(Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAc-Sp12	29	12
340	Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-3(Mana1-6)Manb1-4GlcNAcb1-4GlcNAc-Sp12	-4	5
341	Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-6Manb1-4GlcNAcb1-4GlcNAc-Sp12	50	22
342	Neu5Aca2-6Galb1-4GlcNAcb1-2Mana1-3Manb1-4GlcNAcb1-4GlcNAc-Sp12	9	6
343	Galb1-4GlcNAcb1-2Mana1-3Manb1-4GlcNAcb1-4GlcNAc-Sp12	2286	43
344	Galb1-4GlcNAcb1-2Mana1-6Manb1-4GlcNAcb1-4GlcNAc-Sp12	1234	98
345	Galb1-4GlcNAcb1-2Mana1-3(Mana1-6)Manb1-4GlcNAcb1-4GlcNAc-Sp12	2324	47
346	GlcNAcb1-2Mana1-3(GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4(Fuca1-6)GlcNAcb-Sp22	152	18
347	Galb1-4GlcNAcb1-2Mana1-3(Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4(Fuca1-6)GlcNAcb-Sp22	3606	122
348	Galb1-3GlcNAcb1-2Mana1-3(Galb1-3GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4(Fuca1-6)GlcNAcb-Sp22	871	57
349	Galb1-3(Fuca1-4)GlcNAcb1-2Mana1-3(Galb1-3(Fuca1-4)GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp19	94	11
350	[6OSO3]GlcNAcb1-3Gal b1-4GlcNAc-b-Sp0	656	141
351	KDNa2-3Galb1-4(Fuca1-3)GlcNAc-Sp0	90	6
352	KDNa2-6Galb1-4GlcNAc-Sp0	64	24
353	KDNa2-3Galb1-4Glc-Sp0	48	14
354	KDNa2-3Galb1-3GalNAc-Sp14	97	10

355	Fuca1-2Galb1-3GlcNAcb1-2Mana1-3(Fuca1-2Galb1-3GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp20	692	62
356	Fuca1-2Galb1-4GlcNAcb1-2Mana1-3(Fuca1-2Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp20	1995	67
357	Fuca1-2Galb1-4(Fuca1-3)GlcNAcb1-2Mana1-3(Fuca1-2Galb1-4(Fuca1-3)GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp20	429	65
358	Gala1-3Galb1-4GlcNAcb1-2Mana1-3(Gala1-3Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp20	7824	203
359	Mana1-3(Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp12	1206	208
360	Galb1-3(Fuca1-4)GlcNAcb1-2Mana1-3(Galb1-3(Fuca1-4)GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4(Fuca1-6)GlcNAcb-Sp22	65	7
361	Neu5Aca2-6GlcNAcb1-4GlcNAcb-Sp21	-21	8
362	Neu5Aca2-6GlcNAcb1-4GlcNAcb1-4GlcNAcb-Sp21	-30	3
363	Fuca1-2Galb1-3GlcNAcb1-3(Galb1-4(Fuca1-3)GlcNAcb1-6)Galb1-4Glc-Sp21	1184	28
364	Galb1-4GlcNAcb1-2(Galb1-4GlcNAcb1-4)Mana1-3(Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp21	9169	393
365	GalNAca1-3(Fuca1-2)Galb1-4GlcNAcb1-2Mana1-3(GalNAca1-3(Fuca1-2)Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp20	1012	41
366	Gala1-3(Fuca1-2)Galb1-4GlcNAcb1-2Mana1-3(Gala1-3(Fuca1-2)Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp20	1727	45
367	Gala1-3Galb1-4(Fuca1-3)GlcNAcb1-2Mana1-3(Gala1-3Galb1-4(Fuca1-3)GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp20	123	30
368	GalNAca1-3(Fuca1-2)Galb1-3GlcNAcb1-2Mana1-3(GalNAca1-3(Fuca1-2)Galb1-3GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp20	200	18

369	Gala1-3(Fuca1-2)Galb1-3GlcNAcb1-2Mana1-3(Gala1-3(Fuca1-2)Galb1-3GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp20	691	24
370	Fuca1-2Galb1-3(Fuca1-4)GlcNAcb1-2Mana1-3(Fuca1-2Galb1-3(Fuca1-4)GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp19	246	14
371	NeuAca2-3Galb1-4GlcNAcb1-3GalNAc-Sp14	710	68
372	NeuAca2-6Galb1-4GlcNAcb1-3GalNAc-Sp14	74	17
373	Neu5Aca2-3Galb1-4(Fuca1-3)GlcNAcb1-3GalNAc-Sp14	573	25
374	GalNAcb1-4GlcNAcb1-2Mana1-6(GalNAcb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAc-Sp12	343	44
375	Galb1-3GalNAca1-3(Fuca1-2)Galb1-4Glc-Sp14	68	26
376	Galb1-3GalNAca1-3(Fuca1-2)Galb1-4GlcNAc-Sp14	70	26
377	GlcNAcb1-3GalNAca-Sp14	1031	133
378	GlcNAcb1-6GalNAca-Sp14	307	149
379	Galb1-3GlcNacb1-3(Galb1-3GlcNacb1-3Galb1-4GlcNacb1-6)Galb1-4Glc-Sp0	3643	55
380	Galb1-3GlcNAcb1-3(Galb1-4(Fuca1-3)GlcNAcb1-6)Galb1-4Glc-Sp21	557	123
381	Fuca1-2Galb1-3(Fuca1-4)GlcNAcb1-3(Galb1-4GlcNAcb1-6)Galb1-4Glc-Sp21	653	191
382	Fuca1-2Galb1-3(Fuca1-4)GlcNAcb1-3(Galb1-4(Fuca1-3)GlcNAcb1-6)Galb1-4Glc-Sp21	313	16
383	Galb1-3GlcNAcb1-3(Galb1-3GlcNAcb1-3Galb1-4(Fuca1-3)GlcNAcb1-6)Galb1-4Glc-Sp21	2130	100
384	Galb1-4GlcNacb1-2(Galb1-4GlcNacb1-4)Mana1-3(Galb1-4GlcNacb1-2(Galb1-4GlcNacb1-6)Mana1-6)Manb1-4GlcNacb1-4GlcNacb-Sp21	10002	408
385	GlcNacb1-2(GlcNacb1-4)Mana1-3(GlcNacb1-2Mana1-6)Manb1-4GlcNacb1-4GlcNac-Sp21	127	29

386	Fuca1-2Galb1-3GalNAca1-3(Fuca1-2)Galb1-4Glc b-Sp0	31	9
387	Fuca1-2Galb1-3GalNAca1-3(Fuca1-2)Galb1-4GlcNAcb-Sp0	33	8
388	Galb1-3GlcNAcb1-3GalNAca-Sp14	213	33
389	Neu5Aca2-3(GalNAcb1-4)Galb1-4GlcNAcb1-3GalNAca-Sp14	920	19
390	GalNAca1-3(Fuca1-2)Galb1-3GalNAca1-3(Fuca1-2)Galb1-4GlcNAcb-Sp0	-3	4
391	Gala1-3Galb1-3GlcNAcb1-2Mana1-3(Gala1-3Galb1-3GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAc-Sp19	471	54
392	Gala1-3Galb1-3(Fuca1-4)GlcNAcb1-2Mana1-3(Gala1-3Galb1-3(Fuca1-4)GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAc-Sp19	-9	15
393	Neu5Aca2-3Galb1-3GlcNAcb1-2Mana1-3(Neu5Aca2-3Galb1-3GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAc-Sp19	-366	26
394	Galb1-4GlcNAcb1-2Mana1-3(GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAc-Sp12	1526	143
395	GlcNAcb1-2Mana1-3(Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAc-Sp12	1170	78
396	Neu5Aca2-3Galb1-3GlcNAcb1-3GalNaca-Sp14	602	71
397	Fuca1-2Galb1-4GlcNAcb1-3GalNaca-Sp14	396	112
398	Galb1-4(Fuca1-3)GlcNAcb1-3GalNaca-Sp14	126	24
399	GalNaca1-3GalNacb1-3Gala1-4Galb1-4GlcNAcb-Sp0	-3	10
400	Gala1-4Galb1-3GlcNAcb1-2Mana1-3(Gala1-4Galb1-3GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-Sp19	121	31
401	Gala1-4Galb1-4GlcNAcb1-2Mana1-3(Gala1-4Galb1-4GlcNAcb1-2Mana1-6)Manb1-4GlcNAcb1-4GlcNAcb-L VaNKT	777	58
402	Gala1-3Galb1-4GlcNAcb1-3GalNaca-Sp14	779	138
403	Galb1-3GlcNAcb1-6Galb1-4GlcNAcb-Sp0	635	85

404	Galb1-3GlcNAca1-6Galb1-4GlcNAcb-Sp0	314	39
405	GalNAcb1-3Gala1-6Galb1-4Glc-Sp8	305	396
406	GlcNAcb1-6(GlcNAcb1-3)GalNAca-Sp14	1334	105

* a indicates alpha linkage, b indicates beta linkage. RFU = relative fluorescence units.
SEM = standard error of the mean.