






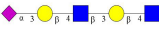
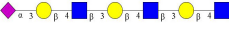


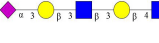
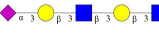
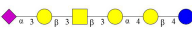
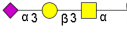


Data S1. Full Glycan List of Sialoside Microarray Used in this Study. Related to Figure 4.

Glycan #	Common Name	Structure
1	NeuAc α (2-3)Gal β (1-4)6-O-sulfo-GlcNAc β -propyl-NH ₂	
2	NeuAc α (2-3)Gal β (1-4)[Fuc α (1-3)]-6-O-sulfo-GlcNAc β -propyl-NH ₂	
3	NeuAc α (2-3)6-O-sulfo-Gal β (1-4)GlcNAc β -ethyl-NH ₂	
4	NeuAc α (2-3)6-O-sulfo-Gal β (1-4)[Fuc α (1-3)]-GlcNAc β -propyl-NH ₂	
5	NeuAc α (2-3)Gal β (1-3)6-O-sulfo-GlcNAc β -propyl-NH ₂	
6	NeuAc α (2-3)Gal β (1-4)Glc β -ethyl-NH ₂	
7	NeuAc α (2-3)Gal β (1-4)GlcNAc β -ethyl-NH ₂	
8	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β -ethyl-NH ₂	
9	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β -ethyl-NH ₂	
10	NeuAc α (2-3)GalNAc β (1-4)GlcNAc β -ethyl-NH ₂	
11	NeuAc α (2-3)Gal β (1-4)6-O-sulfo-GlcNAc β -propyl-NH ₂	
12	NeuAc α (2-3)Gal β (1-4)[Fuc α (1-3)]-6-O-sulfo-GlcNAc β -propyl-NH ₂	
13	NeuAc α (2-3)6-O-sulfo-Gal β (1-4)GlcNAc β -ethyl-NH ₂	
14	NeuAc α (2-3)6-O-sulfo-Gal β (1-4)[Fuc α (1-3)]-GlcNAc β -propyl-NH ₂	
15	NeuAc α (2-3)Gal β (1-3)6-O-sulfo-GlcNAc β -propyl-NH ₂	

16	NeuAc α (2-3)Gal β (1-4)Glc β -ethyl-NH2	
17	NeuAc α (2-3)Gal β (1-4)GlcNAc β -ethyl-NH2	
18	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β -ethyl-NH2	
19	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β -ethyl-NH2	
20	NeuAc α (2-3)GalNAc β (1-4)GlcNAc β -ethyl-NH2	
21	NeuAc α (2-3)Gal β (1-3)GlcNAc β -ethyl-NH2	
22	NeuAc α (2-3)Gal β (1-3)GlcNAc β (1-3)Gal β (1-4)GlcNAc β -ethyl-NH2	
23	NeuAc α (2-3)Gal β (1-3)GlcNAc β (1-3)Gal β (1-3)GlcNAc β -ethyl-NH2	
24	NeuAc α (2-3)Gal β (1-3)GalNAc β (1-3)Gal α (1-4)Gal β (1-4)Glc β -ethyl-NH2	
25	NeuAc α (2-3)Gal β (1-3)GalNAc α -Thr-NH2	
26	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-3)GalNAc α -Thr-NH2	
27	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-3)GalNAc α -Thr-NH2	
28	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-3)GalNAc α -Thr-NH2	
29	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-3)GalNAc α -Thr-NH2	
30	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-3)GalNAc α -Thr-NH2	
31	NeuAc α (2-3)Gal β (1-3)[GlcNAc β (1-6)]-GalNAc α -Thr-NH2	
32	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-6)[Gal β (1-3)]-GalNAc α -Thr-NH2	

66	Gn/3'SLN/3'SLN-TriN	
67	NeuAcα(2-3)[GalNAcβ(1-4)]-Galβ(1-4)GlcNAcβ-ethyl-NH2	
68	NeuAcα(2-6)Galβ(1-4)(6S)GlcNAcβ-ethyl-NH2	
69	NeuAcα(2-6)Galβ(1-4)6-O-sulfo-GlcNAcβ-propyl-NH2	
70	NeuAcα(2-6)Galβ(1-4)Glcβ-ethyl-NH2	
71	NeuAcα(2-6)Galβ(1-4)GlcNAcβ-ethyl-NH2	
72	NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ-ethyl-NH2	
73	NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ-ethyl-NH2	
74	NeuAcα(2-6)GalNAcβ(1-4)GlcNAcβ-ethyl-NH2	
75	NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-3)GalNAcα-Thr-NH2	
76	NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-3)GalNAcα-Thr-NH2	
77	NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-3)GalNAcα-Thr-NH2	
78	NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-3)GalNAcα-Thr-NH2	
79	NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-3)GalNAcα-Thr-NH2	
80	NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-6)[Galβ(1-3)]-GalNAcα-Thr-NH2	
81	NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-6)[Galβ(1-3)]-GalNAcα-Thr-NH2	

116	<p>NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-2)Manα(1-3){NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-2)}[NeuAcα(2-6)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-3)Galβ(1-4)GlcNAcβ(1-6)Manα(1-6)]-Manβ(1-4)GlcNAcβ(1-4)[Fucα(1-6)]-GlcNAcβ-(Lys-Val-Ala)Asn-Lys-Thr-NH₂</p>	
117	6'SLNLN/6'SLN/6'SLN-TriN	
118	6'SLN/LeX/LeX-TriN	
119	6'SLNLN/LeX/LeX-TriN	