

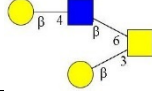

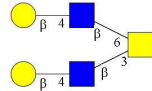

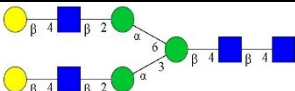
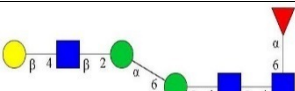
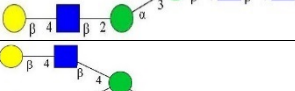
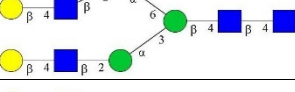
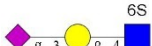
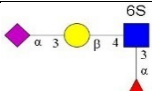
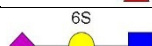
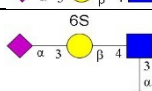

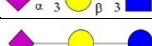


S1 Table. Glycans imprinted on the sialoside array with non-sialylated controls #1-10 in gray, avian-type receptors #11-79 in white and human-type receptors #80-135 in black. Purple diamonds represent sialic acid, yellow circles represent Galactose, blue circles represent Glucose, green circles represent Mannose, yellow squares represent N-Acetyl-Galactosamine, blue squares represent N-Acetyl-Glucosamine and red triangles represent Fucose.

Glycan #	Common Name	Structure
1	Gal β (1-4)GlcNAc β -ethyl-NH ₂	
2	Gal β (1-4)GlcNAc β (1-3)Gal β (1-3)GalNAc α -Thr-NH ₂	
3	Gal β (1-4)GlcNAc β (1-6)[Gal β (1-3)]-GalNAc α -Thr-NH ₂	
4	Gal β (1-4)GlcNAc β (1-3)GalNAc α -Thr-NH ₂	
5	Gal β (1-4)GlcNAc β (1-3)[Gal β (1-4)GlcNAc β (1-6)]-GalNAc α -Thr-NH ₂	
6	Gal β (1-4)GlcNAc β (1-6)GalNAc α -Thr-NH ₂	
7	Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -Asn-NH ₂	
8	Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -Asn-Ser-Thr-NH ₂	
9	Gal β (1-4)GlcNAc β (1-2)Man α (1-3){Gal β (1-4)GlcNAc β (1-2)[Gal β (1-4)GlcNAc β (1-2)]-Man α (1-6)}-Man β (1-4)GlcNAc β (1-4)GlcNAc β -Asn-Lys-NH ₂	
10	Gal β (1-4)GlcNAc β (1-2)Man α (1-3){Gal β (1-4)GlcNAc β (1-2)[Gal β (1-4)GlcNAc β (1-2)]-Man α (1-6)}-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-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-NH ₂	

Glycan #	Common Name	Structure
17	NeuAc α (2-3)Gal β (1-4)GlcNAc β -ethyl-NH ₂	
18	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β -ethyl-NH ₂	
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-NH ₂	
20	NeuAc α (2-3)GalNAc β (1-4)GlcNAc β -ethyl-NH ₂	
21	NeuAc α (2-3)Gal β (1-3)GlcNAc β -ethyl-NH ₂	
22	NeuAc α (2-3)Gal β (1-3)GlcNAc β (1-3)Gal β (1-4)GlcNAc β -ethyl-NH ₂	
23	NeuAc α (2-3)Gal β (1-3)GlcNAc β (1-3)Gal β (1-3)GlcNAc β -ethyl-NH ₂	
24	NeuAc α (2-3)Gal β (1-3)GalNAc β (1-3)Gal α (1-4)Gal β (1-4)Glc β -ethyl-NH ₂	
25	NeuAc α (2-3)Gal β (1-3)GalNAc α -Thr-NH ₂	
26	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-3)GalNAc α -Thr-NH ₂	
27	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-3)GalNAc α -Thr-NH ₂	
28	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-NH ₂	
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-NH ₂	
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 (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-3)GalNAc α -Thr-NH ₂	
31	NeuAc α (2-3)Gal β (1-3)[GlcNAc β (1-6)]-GalNAc α -Thr-NH ₂	
32	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-6)[Gal β (1-3)]-GalNAc α -Thr-NH ₂	
33	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)[Gal β (1-3)]-GalNAc α -Thr-NH ₂	
34	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 (1-6)[Gal β (1-3)]-GalNAc α -Thr-NH ₂	
35	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 (1-6)[Gal β (1-3)]-GalNAc α -Thr-NH ₂	
36	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 (1-6)[Gal β (1-3)]-GalNAc α -Thr-NH ₂	

Glycan #	Common Name	Structure
49	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 (1-6)GalNAc α -Thr-NH ₂	
50	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 (1-4)GlcNAc β (1-6)GalNAc α -Thr-NH ₂	
51	NeuAc α (2-3)Gal β (1-3)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)[NeuAc α (2-3)Gal β (1-3)GlcNAc β (1-3)]Gal β (1-4)GlcNAc β -ethyl-NH ₂	
52	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 (1-6)[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	
53	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -Asn-NH ₂	
54	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -Asn-NH ₂	
55	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 (1-2)Man α (1-3)[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 (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -Asn-NH ₂	
56	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
57	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 (1-2)Man α (1-3)[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 (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
58	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 (1-2)Man α (1-3)[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 (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	

Glycan #	Common Name	Structure
59	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 (1-2)Man α (1-3)[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 (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
60	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 (1-2)Man α (1-3)[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 (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
61	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 (1-2)Man α (1-3)[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 (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
62	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3){NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)[NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)Man α (1-6)]}-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
63	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 (1-2)Man α (1-3){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 (1-2)[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 (1-6)Man α (1-6)]}-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
64	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 (1-2)Man α (1-3){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 (1-2)[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 (1-6)Man α (1-6)]}-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	

Glycan #	Common Name	Structure
65	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3){NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)[NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
66	NeuAc α (2-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
67	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 (1-2)Man α (1-3){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 (1-2)[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 (1-6)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
68	Gn/3'SLN/3'SLN-TriN	
69	NeuAc α (2-3)[GalNAc β (1-4)]-Gal β (1-4)GlcNAc β -ethyl-NH ₂	
70	NeuAc α (2-3)[GalNAc β (1-4)]-Gal β (1-4)Glc β -ethyl-NH ₂	
71	Gal β (1-3)GalNAc β (1-4)[NeuAc α (2-3)]-Gal β (1-4)Glc β -ethyl-NH ₂	
72	NeuAc α (2-3)Gal β (1-4)[Fuc α (1-3)]-GlcNAc β -propyl-NH ₂	
73	NeuAc α (2-3)Gal β (1-3)[Fuc α (1-4)]-GlcNAc β (1-3)Gal β (1-4)[Fuc α (1-3)]-GlcNAc β -ethyl-NH ₂	
74	NeuAc α (2-3)Gal β (1-4)[Fuc α (1-3)]-GlcNAc β (1-3)Gal β (1-4)[Fuc α (1-3)]-GlcNAc β -ethyl-NH ₂	
75	NeuAc α (2-3)Gal β (1-4)[Fuc α (1-3)]-GlcNAc β (1-3)Gal β (1-4)[Fuc α (1-3)]-GlcNAc β (1-3)Gal β (1-4)[Fuc α (1-3)]-GlcNAc β -ethyl-NH ₂	

Glycan #	Common Name	Structure
94	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)[Gal β (1-3)]-GalNAc α -Thr-NH ₂	
95	NeuAc α (2-6)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 (1-6)[Gal β (1-3)]-GalNAc α -Thr-NH ₂	
96	NeuAc α (2-6)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 (1-6)[Gal β (1-3)]-GalNAc α -Thr-NH ₂	
97	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)[NeuAc α (2-6)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-NH ₂	
98	NeuAc α (2-6)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 (1-6)[NeuAc α (2-6)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-NH ₂	
99	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)GalNAc α -Thr-NH ₂	
100	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)GalNAc α -Thr-NH ₂	
101	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)GalNAc α -Thr-NH ₂	
102	NeuAc α (2-6)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)GalNAc α -Thr-NH ₂	
103	NeuAc α (2-6)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)GalNAc α -Thr-NH ₂	
104	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-6)]-GalNAc α -Thr-NH ₂	
105	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)]-GalNAc α -Thr-NH ₂	
106	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)]-GalNAc α -Thr-NH ₂	

Glycan #	Common Name	Structure
107	NeuAc α (2-6)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 (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)]-GalNAc α -Thr-NH ₂	
108	NeuAc α (2-6)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 (1-4)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 (1-4)GlcNAc β (1-6)]-GalNAc α -Thr-NH ₂	
109	NeuAc α (2-6)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 (1-6)GalNAc α -Thr-NH ₂	
110	NeuAc α (2-6)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 (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)GalNAc α -Thr-NH ₂	
111	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)[NeuAc α (2-6)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	
112	NeuAc α (2-6)Gal β (1-3)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)[NeuAc α (2-6)Gal β (1-3)GlcNAc β (1-3)] Gal β (1-4)GlcNAc β -ethyl-NH ₂	
113	Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β -Asn-NH ₂	
114	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β -Asn-NH ₂	
115	GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -Asn-NH ₂	
116	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β -Asn-NH ₂	
117	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -Asn-NH ₂	
118	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -Lys-Val-Ala)Asn-Lys-Thr-NH ₂	

Glycan #	Common Name	Structure
119	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -Asn-NH ₂	
120	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
121	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
122	NeuAc α (2-6)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 (1-2)Man α (1-3)[NeuAc α (2-6)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 (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
123	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
124	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	

Glycan #	Common Name	Structure
125	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
126	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3){NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)Man α (1-6)]}-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
127	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3){NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)Man α (1-6)]}-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
128	NeuAc α (2-6)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 (1-2)Man α (1-3){NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)Man α (1-6)]}-Man β (1-4)GlcNAc β (1-4)GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
129	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3){NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)Man α (1-6)]}-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	

Glycan #	Common Name	Structure
130	NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)Man α (1-3){NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
131	NeuAc α (2-6)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 (1-2)Man α (1-3){NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-2)[NeuAc α (2-6)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)GlcNAc β (1-6)Man α (1-6)]-Man β (1-4)GlcNAc β (1-4)[Fuc α (1-6)]-GlcNAc β -(Lys-Val-Ala)Asn-Lys-Thr-NH ₂	
132	LN/6'SLN/6'SLN-TriN	
133	6'SLNLN/6'SLN/6'SLN-TriN	
134	6'SLN/LeX/LeX-TriN	
135	6'SLNLN/LeX/LeX-TriN	