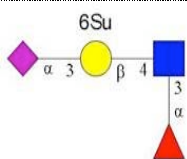
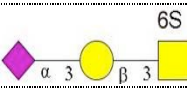
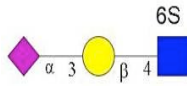
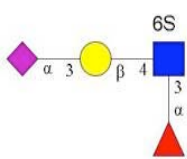
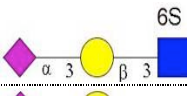
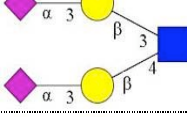
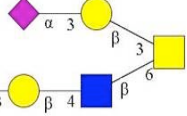
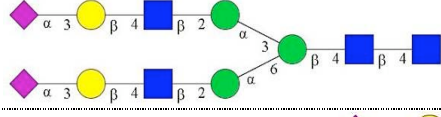
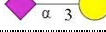
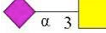
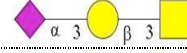
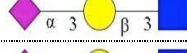
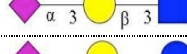
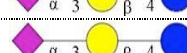
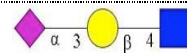
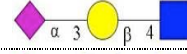




Table S1. ; `mWUbgfi Wi fYg'cb'H Y[`mWUba]WcUffUmi gYX'Zcf`UbUmg]g'cZ
]bZi YbnUj]fi gYg

#	Structure	Sequence
1		Neu5Ac α 2-3(6-O-Su)Gal β 1-4(Fuca1-3)GlcNAc β -Sp8
2		Neu5Ac α 2-3Gal β 1-3[6OSO3]GalNAc α -Sp8
3		Neu5Ac α 2-3Gal β 1-4[6OSO3]GlcNAc β -Sp8
4		Neu5Ac α 2-3Gal β 1-4(Fuca1-3)(6OSO3)GlcNAc β -Sp8
5		Neu5Ac α 2-3Gal β 1-3(6OSO3)GlcNAc-Sp8
6		Neu5Ac α 2-3Gal β 1-3(Neu5Ac α 2-3Gal β 1-4)GlcNAc β -Sp8
7		Neu5Ac α 2-3Gal β 1-3(Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-6)GalNAc-Sp14
8		Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-2Man α 1-3(Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-2Man α 1-6)Man β 1-4GlcNAc β 1-4GlcNAc β -Sp12
9		Neu5Ac α 2-3Gal β -Sp8
10		Neu5Ac α 2-3GalNAc α -Sp8
11		Neu5Ac α 2-3Gal β 1-3GalNAc α -Sp8
12		Neu5Ac α 2-3Gal β 1-3GlcNAc β -Sp0
13		Neu5Ac α 2-3Gal β 1-3GlcNAc β -Sp8
14		Neu5Ac α 2-3Gal β 1-4Glc β -Sp0
15		Neu5Ac α 2-3Gal β 1-4Glc β -Sp8
16		Neu5Ac α 2-3Gal β 1-4GlcNAc β -Sp0
17		Neu5Ac α 2-3Gal β 1-4GlcNAc β -Sp8
18		Neu5Ac α 2-3GalNAc β 1-4GlcNAc β -Sp0

19		Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-3Gal β 1-4GlcNAc β -Sp0
20		Neu5Ac α 2-3Gal β 1-3GlcNAc β 1-3Gal β 1-3GlcNAc β -Sp0
21		Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-3Gal β 1-4GlcNAc β 1-3Gal β 1-4GlcNAc β -Sp0
22		Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-3Gal β 1-3GlcNAc β -Sp0
23		Neu5Ac α 2-3Gal β 1-3GalNAc-Sp14
24		Gal β 1-3(Neu5Ac α 2-3Gal β 1-4(Fuca1-3)GlcNAc β 1-6)GalNAc-Sp14
25		Neu5Ac α 2-3Gal β 1-3(Fuca1-4)GlcNAc β -Sp8
26		Neu5Ac α 2-3Gal β 1-4(Fuca1-3)GlcNAc β -Sp0
27		Neu5Ac α 2-3Gal β 1-4(Fuca1-3)GlcNAc β -Sp8
28		Neu5Ac α 2-3Gal β 1-4(Fuca1-3)GlcNAc β 1-3Gal β -Sp8
29		Neu5Ac α 2-3Gal β 1-4(Fuca1-3)GlcNAc β 1-3Gal β 1-4GlcNAc β -Sp8
30		Neu5Ac α 2-3Gal β 1-4(Fuca1-3)GlcNAc β 1-3Gal β 1-4(Fuca1-3)GlcNAc β 1-3Gal β 1-4(Fuca1-3)GlcNAc β -Sp0
31		Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-3Gal β 1-4(Fuca1-3)GlcNAc-Sp0
32		Neu5Ac α 2-3(GalNAc β 1-4)Gal β 1-4GlcNAc β -Sp0
33		Neu5Ac α 2-3(GalNAc β 1-4)Gal β 1-4GlcNAc β -Sp8
34		Neu5Ac α 2-3(GalNAc β 1-4)Gal β 1-4Glc β -Sp0

35		Galβ1-3GalNAcβ1-4(Neu5Acα2-3)Galβ1-4Glcβ-Sp0
36		Fucα1-2Galβ1-3GalNAcβ1-4(Neu5Acα2-3)Galβ1-4Glcβ-Sp0
37		Fucα1-2Galβ1-3GalNAcβ1-4(Neu5Acα2-3)Galβ1-4Glcβ-Sp9
38		Neu5Acα2-6Galβ1-4[6OSO3]GlcNAcβ-Sp8
39		11-OS-G
40		11-OS-Sp8
41		Neu5Acα2-6GalNAcα-Sp8
42		Neu5Acα2-6Galβ-Sp8
43		Neu5Acα2-6Galβ1-4Glcβ-Sp8
44		Neu5Acα2-6Galβ1-4GlcNAcβ-Sp0
45		Neu5Acα2-6Galβ1-4GlcNAcβ-Sp8
46		Neu5Acα2-6GalNAcβ1-4GlcNAcβ-Sp0
47		Neu5Acα2-6Galβ1-4GlcNAcβ1-3Galβ1-4GlcNAcβ-Sp0
48		Neu5Acα2-6Galβ1-4GlcNAcβ1-3Galβ1-4(Fucα1-3)GlcNAcβ1-3Galβ1-4(Fucα1-3)GlcNAcβ-Sp0
49		Galβ1-3(Neu5Acα2-6)GlcNAcβ1-4Galβ1-4Glcβ-Sp10
50		Galβ1-3(Neu5Acα2-6)GalNAcα-Sp8