























Glycan	Short name	Schematic structure	P value	
			IgM	IgG
Monosaccharides				
Neu5Gc α -	Neu5Gc		>0.1	>0.1
Neu5Ac α -	Neu5Ac		>0.1	>0.1
6-O-Su-GlcNAc β -	6-O-Sulfo-GlcNAc		>0.1	>0.1
Disaccharides				
Neu5Ac α 2-6GalNAc α -	SiaT _n		0.001	>0.1
Neu5Ac α 2-3GalNAc α -	3-SiaT _n		>0.1	>0.1
Neu5Gc α 2-6GalNAc α -	SiaT _n (Gc)		>0.1	0.011
Gal β 1-3(Su-6)GalNAc α -	6-O-Sulfo-TF		0.005	>0.1
Gal β 1-4(Su-6)GlcNAc β -	6-O-Sulfo-LN		>0.1	0.064
Su-6Gal β 1-4(Su2-3,6)GlcNAc β -	3,6,6'-O-Sulfo-LN		>0.1	>0.1
Su-3Gal β 1-3GlcNAc β -	3'-O-Sulfo-Le ^c		>0.1	>0.1
Neu5Ac α 2-6Gal β -			>0.1	>0.1
Trisaccharides				
Neu5Ac α 2-6Gal β 1-4GlcNAc β -	6'SLN		>0.1	>0.05
Neu5Gc α 2-6Gal β 1-4GlcNAc β -	6'SLN(Gc)		>0.1	>0.1
Neu5Gc α 2-3Gal β 1-3GlcNAc β -	3'SiaLe ^c (Gc)		0.026	>0.1
Neu5Ac α 2-3Gal β 1-3GlcNAc β -	3'SiaLe ^c		>0.1	>0.1
Neu5Gc α 2-3Gal β 1-3GlcNAc β -	6-SiaTF		>0.1	>0.1
Neu5Ac α 2-3Gal β 1-4Glc β -	3'SL (GM ₃)		0.033	>0.1
Tetrasaccharides				
GalNAc β 1-4(NeuAc α 2-3)Gal β 1-4Glc β -	GM ₂		>0.1	0.009
NeuAc α 2-8NeuAc α 2-3Gal β 1-4Glc β -	GD ₃		>0.1	0.021
Neu5Ac α 2-3Gal β 1-3(Fuc α 1-4)GlcNAc β -	SiaLe ^a		>0.1	>0.05
Neu5Ac α 2-3Gal β 1-4(Fuc α 1-3)GlcNAc β -	SiaLe ^x		>0.05	>0.1
Pentasaccharides				
Gal β 1-3GalNAc β 1-4(NeuAc α 2-3)Gal β 1-4Glc β -	GM _{1a}		>0.1	>0.1
