

Supplementary Table S1. Expanded nomenclature of glycans described in the manuscript

Glycan	Expanded nomenclature
3'SLN	Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-
6'SLN	Neu5Ac α 2-6Gal β 1-4GlcNAc β 1-
3'SLN-LN	Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-3Gal β 1-4GlcNAc β 1-
LSTa	Neu5Ac α 2-3Gal β 1-3GlcNAc β 1-3Gal β 1-4Glc β 1-
6'SLN-LN	Neu5Ac α 2-6Gal β 1-4GlcNAc β 1-3Gal β 1-4GlcNAc β 1-
LSTc	Neu5Ac α 2-6Gal β 1-4GlcNAc β 1-3Gal β 1-4Glc β 1-
3'SLN-LN-LN	Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-3Gal β 1-4GlcNAc β 1-3Gal β 1-4GlcNAc β 1-

Key: Neu5Ac: N-acetyl D-neuraminic acid; Gal: D-galactose; GlcNAc: N-acetyl D-glucosamine. α / β : anomeric configuration of the pyranose sugars. All the sugars used in the glycan array (which do not include LSTa and LSTc) are linked via a spacer to biotin (-Sp-LC-LC-Biotin as described in (<http://www.functionalglycomics.org/static/consortium/resources/resourcecored5.shtml>))