

Supplemental Table 1: Complex/hybrid and high-mannose type N-glycan isomers which showed statistically significant differences in absolute and/or relative isomer abundances.

Glycan Mass	Composition				Ret. Time	T-Test	Comparison
	Hex	HexNAc	Fuc	NeuAc			
<i>High mannose</i>							
1396.486	6	2	0	0	18.6	0.00684	absolute
					20.1	0.00581	absolute
1720.592	8	2	0	0	18.0	0.00272	absolute
					19.2	8.31×10^{-4}	absolute
1882.645	9	2	0	0	17.9	0.0351	absolute
					19.2	0.0392	absolute
					19.2	0.0281	relative
					19.9	0.00180	absolute
					20.1	0.0215	absolute
2044.698	10	2	0	0	18.7	0.0171	absolute
					20.1	0.0215	absolute
<i>Complex/hybrid (nonfucosylated, nonsialylated)</i>							
1478.539	4	4	0	0	19.2	0.0480	relative
					21.1	0.00700	relative
1519.566	3	5	0	0	15.5	6.50×10^{-5}	absolute
					16.6	5.25×10^{-5}	absolute
1681.619	4	5	0	0	16.1	0.00470	absolute
					17.3	0.00728	absolute
<i>Complex/hybrid (fucosylated)</i>							
1462.544	3	4	1	0	19.0	0.0145	absolute
					19.0	0.0320	relative
					20.6	0.00590	absolute
					20.6	0.0353	relative
					22.2	0.00995	absolute
					22.2	0.00425	relative
1624.597	4	4	1	0	21.7	9.68×10^{-5}	absolute
					21.7	0.0488	relative
1786.650	5	4	1	0	22.4	0.00313	absolute
					23.9	0.00702	absolute
					26.1	0.0456	relative
1665.624	3	5	1	0	18.3	0.0127	absolute
					18.3	0.00143	relative
					19.0	0.0283	absolute
					19.0	0.00143	relative
					19.3	0.0340	absolute
1989.729	5	5	1	0	19.3	0.0340	absolute
					19.3	0.0340	absolute
<i>Complex/hybrid (sialylated)</i>							
1931.688	5	4	0	1	26.2	0.0477	relative
2296.820	6	5	0	1	27.8	0.00546	absolute
					29.3	0.0192	absolute
2661.952	7	6	0	1	27.3	1.22×10^{-6}	absolute
					27.3	2.32×10^{-5}	relative
					27.8	2.32×10^{-5}	relative
<i>Complex/hybrid (fucosylated and sialylated)</i>							
1915.693	4	4	1	1	26.4	0.0479	absolute
					27.6	0.0433	absolute
2077.745	5	4	1	1	24.6	2.56×10^{-4}	absolute
					24.6	0.00305	relative
					27.5	0.00349	absolute
					27.5	0.0126	relative
2118.772	4	5	1	1	23.4	0.00214	absolute
					24.1	1.14×10^{-4}	absolute
2061.751	4	4	2	1	18.7	0.0401	absolute
					20.1	0.00752	absolute