

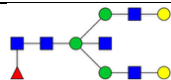
Supplemental Table 1. Structural annotation and nomenclature of IgG N-glycan peaks (P1–P27).

		Structure
P1	Disialylated digalactosylated biantennary N-glycan (A2G2S2)	
P2	Disialylated digalactosylated biantennary N-glycan with bisecting GlcNAc (A2BG2S2)	
P3	Core-fucosylated disialylated digalactosylated biantennary N-glycan (FA2G2S2)	
P4	Core-fucosylated disialylated digalactosylated biantennary N-glycan with bisecting GlcNAc (FA2BG2S2)	
P5	Monosialylated monogalactosylated biantennary N-glycan (α 1,6-arm) (A2[6]G1S1)	
P6	Monosialylated monogalactosylated biantennary N-glycan (α 1,3-arm) (A2[3]G1S1)	
P7	Core-fucosylated monosialylated monogalactosylated biantennary N-glycan (α 1,6- arm) (FA2[6]G1S1)	
P8	Core-fucosylated monosialylated monogalactosylated biantennary N-glycan (α 1,3- arm) (FA2[3]G1S1)	
P9	Monosialylated digalactosylated biantennary N- glycan (α 1,6-arm) (A2G2[6]S1)	
P10	Monosialylated digalactosylated biantennary N- glycan (α 1,3-arm) (A2G2[3]S1)	
P11	Monosialylated digalactosylated biantennary N- glycan with bisecting GlcNAc (A2BG2S1)	
P12	Core-fucosylated monosialylated digalactosylated biantennary N-glycan (FA2G2S1)	
P12	High-mannose N-glycan (Man5) (M5)	

	Agalactosylated biantennary N-glycan (A2)	
P13	Core-fucosylated monosialylated digalactosylated biantennary N-glycan with bisecting GlcNAc (FA2BG2S1)	
P14	Biantennary N-glycan with bisecting GlcNAc (A2B)	
P15	Core-fucosylated biantennary N-glycan (FA2)	
P16	Monogalactosylated biantennary N-glycan (α 1,6-arm) (A2[6]G1)	
P17	Monogalactosylated biantennary N-glycan (α 1,3-arm) (A2[3]G1)	
P18	Core-fucosylated biantennary N-glycan with bisecting GlcNAc (FA2B)	
P19	Monogalactosylated biantennary N-glycan with bisecting GlcNAc (α 1,6-arm) (A2B[6]G1)	
P20	Monogalactosylated biantennary N-glycan with bisecting GlcNAc (α 1,3-arm) (A2B[3]G1)	
P21	Core-fucosylated monogalactosylated biantennary N-glycan (α 1,6-arm) (FA2[6]G1)	
P22	Core-fucosylated monogalactosylated biantennary N-glycan (α 1,3-arm) (FA2[3]G1)	
P23	Core-fucosylated monogalactosylated biantennary N-glycan (α 1,6-arm) (FA2[6]G1)	
	Digalactosylated biantennary N-glycan (A2G2)	
P24	Core-fucosylated monogalactosylated biantennary N-glycan (α 1,3-arm) (FA2B[3]G1)	
P25	Digalactosylated biantennary N-glycan with bisecting GlcNAc (A2BG2)	
P26	Core-fucosylated digalactosylated N-glycan (FA2G2)	

P27

Core-fucosylated digalactosylated biantennary N-glycan with bisecting GlcNAc (FA2BG2)



Note: Structure abbreviations: all N-glycans have two core GlcNAcs; F at the start of the abbreviation indicates a core-fucose α 1,6-linked to the inner GlcNAc; Mx, number (x) of mannose on core GlcNAcs; Ax, number of antenna (GlcNAc) on trimannosyl core; A2, biantennary with both GlcNAcs as β 1,2-linked; B, bisecting GlcNAc linked β 1,4 to β 1,3 mannose; Gx, number (x) of β 1,4-linked galactose on antenna; Sx, number (x) of α 2,6- linked sialic acids linked to galactose