

Supplementary Table 1: All of the highly dependent glycosylated pairs identified for each of the subtypes/CRFs studied. Such pairs were identified as glycosylated together in greater than 90% of sequences representing that subtype/CRF. Percentages of sequences in which the pair was identified in are in brackets.

A	B	C	D	AE	AG
88 & 156 (94)	88 & 156 (93)	88 & 156 (94)	88 & 241 (91)	88 & 156 (95)	88 & 156 (96)
88 & 160 (94)	88 & 197 (94)	88 & 160 (92)	88 & 262 (95)	88 & 160 (91)	88 & 160 (98)
88 & 197 (95)	88 & 241 (94)	88 & 197 (96)	88 & 448 (95)	88 & 197 (95)	88 & 197 (98)
88 & 241 (93)	88 & 262 (98)	88 & 241 (95)	197 & 262 (93)	88 & 241 (93)	88 & 241 (100)
88 & 262 (97)	88 & 276 (95)	88 & 262 (97)	197 & 448 (93)	88 & 262 (97)	88 & 262 (100)
88 & 276 (95)	88 & 301 (90)	88 & 301 (95)	241 & 262 (95)	88 & 289 (94)	88 & 276 (93)
88 & 301 (91)	88 & 448 (93)	156 & 160 (90)	241 & 448 (95)	88 & 334 (93)	88 & 301 (90)
88 & 448 (95)	156 & 262 (93)	156 & 197 (94)	262 & 276 (91)	88 & 386 (96)	88 & 448 (95)
156 & 160 (93)	156 & 276 (90)	156 & 241 (93)	262 & 289 (91)	88 & 448 (96)	156 & 160 (95)
156 & 197 (94)	197 & 241 (90)	156 & 262 (94)	262 & 356 (91)	156 & 160 (91)	156 & 197 (95)
156 & 241 (90)	197 & 262 (94)	156 & 301 (92)	262 & 386 (93)	156 & 197 (95)	156 & 241 (96)
156 & 262 (94)	197 & 276 (92)	160 & 197 (92)	262 & 448 (100)	156 & 241 (94)	156 & 262 (96)
156 & 276 (93)	197 & 448 (90)	160 & 241 (91)	276 & 448 (91)	156 & 262 (97)	156 & 276 (90)
156 & 448 (93)	241 & 262 (95)	160 & 262 (93)	289 & 448 (91)	156 & 289 (93)	156 & 448 (92)
160 & 197 (94)	241 & 276 (91)	160 & 301 (91)	356 & 448 (91)	156 & 334 (93)	160 & 197 (96)
160 & 241 (90)	262 & 276 (95)	197 & 241 (96)	386 & 448 (93)	156 & 386 (95)	160 & 241 (98)
160 & 262 (94)	262 & 301 (90)	197 & 262 (97)		156 & 448 (96)	160 & 262 (98)
160 & 276 (93)	262 & 448 (93)	197 & 301 (95)		160 & 197 (91)	160 & 276 (92)
160 & 448 (93)	276 & 448 (90)	241 & 262 (96)		160 & 241 (91)	160 & 301 (90)
197 & 241 (91)		241 & 301 (94)		160 & 262 (93)	160 & 448 (93)
197 & 262 (95)		262 & 276 (90)		160 & 386 (91)	197 & 241 (98)
197 & 276 (94)		262 & 301 (96)		160 & 448 (92)	197 & 262 (98)
197 & 301 (90)				197 & 241 (94)	197 & 276 (92)
197 & 448 (94)				197 & 262 (97)	197 & 448 (93)
241 & 262 (93)				197 & 289 (93)	241 & 262 (100)
241 & 276 (91)				197 & 334 (93)	241 & 276 (93)
241 & 448 (91)				197 & 386 (95)	241 & 301 (90)
262 & 276 (95)				197 & 448 (96)	241 & 448 (95)
262 & 301 (91)				241 & 262 (95)	262 & 276 (93)
262 & 448 (95)				241 & 289 (91)	262 & 301 (90)
276 & 301 (90)				241 & 334 (91)	262 & 448 (95)
276 & 448 (94)				241 & 386 (93)	
301 & 448 (90)				241 & 448 (94)	
				262 & 276 (91)	
				262 & 289 (95)	
				262 & 334 (95)	
				262 & 386 (97)	
				262 & 448 (98)	
				289 & 334 (91)	
				289 & 386 (94)	
				289 & 448 (94)	
				334 & 386 (93)	
				334 & 448 (94)	
				386 & 448 (96)	