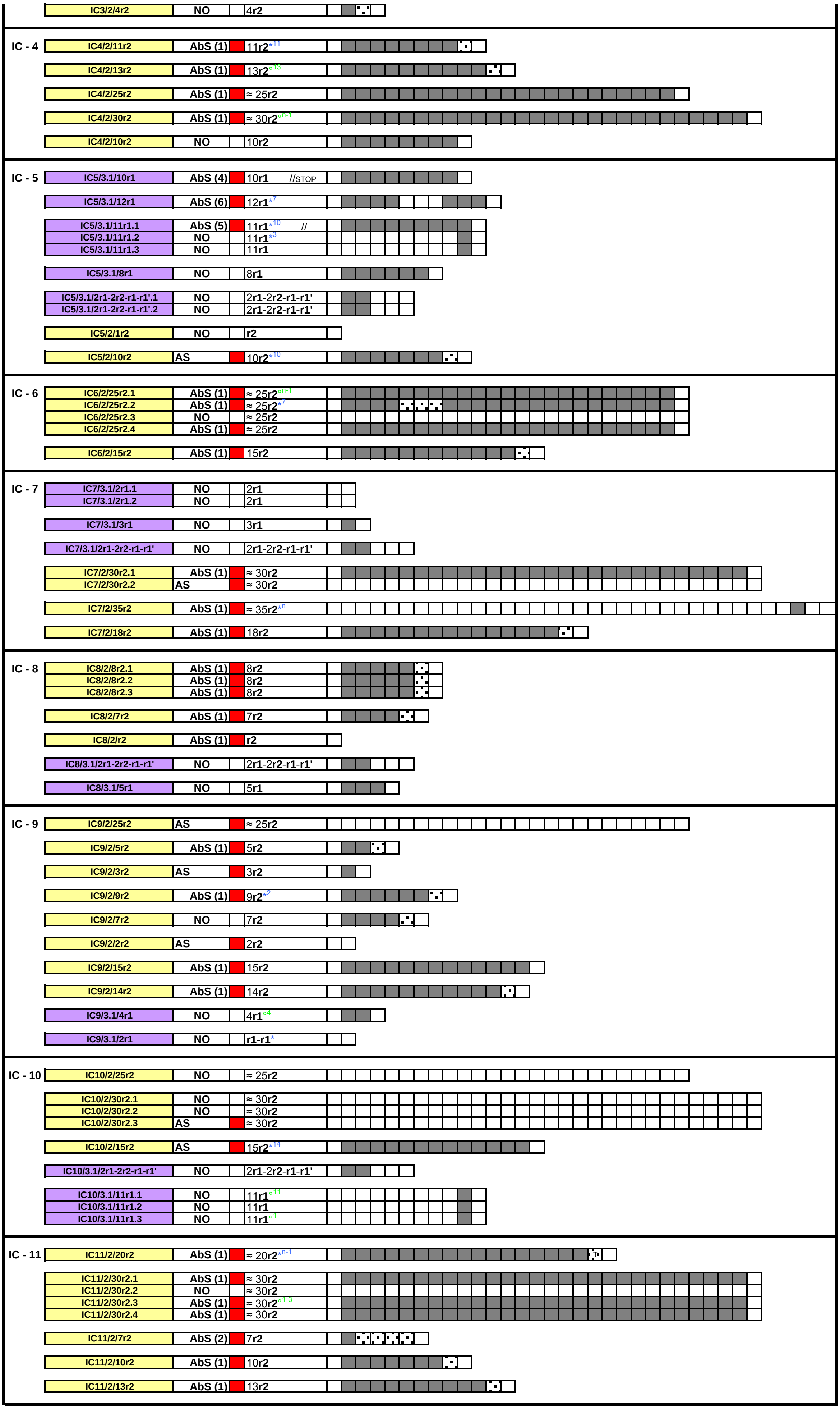
Table S2: Glycosylation prediction on Tandem Repeats from Compatible and Incompatible cDNA variants

Compatible strain

ind[a]	Variant id.[b]	splicing[c]		TR[d]	glycosylation prediction in TR[e]																																	
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
C - 1	C1/3.1/2r1.1	NO		2r1	☐	☐																																		
	C1/3.1/2r1.2	AS	🟥	2r1	☐	☐																																		
	C1/3.1/r1.1	AS	🟥	r1 |☐|																																		
	C1/3.1/r1.2	AS	🟥	r1 |☐|																																		
	C1/3.1/r1'.1	AS	🟥	r1' |☐|																																		
	C1/3.1/r1'.2	AS	🟥	r1' |☐|																																		
	C1/2/7r2.1	AS	🟥	7r2	☐	■	⁙	⁙	⁙	■	☐																													
	C1/2/7r2.2	AS	🟥	7r2$^{\circ 2-4}$	☐	■	⁙	⁙	⁙	■	☐																													
C - 2	C2/3.2/r1	AS	🟥	r1 |☐|																																		
C -3	C3/2/45r2	AbS (1)	🟥	≈ 45r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	C3/2/40r2	AbS (1)	🟥	≈ 40r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	C3/2/25r2	AbS (1)	🟥	≈ 25r2	☐	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	☐										
	C3/2/11r2	NO		11r2$^{\circ 2}$	☐	■	■	■	■	■	■	■	■	■	☐																								
C - 4	C4/3.1/9r1'-r1-r1'	NO		9r1'-r1-r1'	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐																								
	C4/2/100r2.1	AS	🟥	≈ 100r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	C4/2/100r2.2	AS	🟥	≈ 100r2^{*3}	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C - 5	C5/3.1/2r1'.1	NO		2r1'	☐	☐																																		
	C5/3.1/2r1'.2	NO		2r1'	☐	☐																																		
	C5/3.1/2r1'.3	NO		2r1'	☐	☐																																		
	C5/3.1/2r1'.4	NO		2r1'^{*2}	☐	☐																																		
C - 6	C6/1/40r2.1	NO		≈ 40r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	C6/1/40r2.2	NO		≈ 40r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	C6/1/40r2.3	NO		≈ 40r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	C6/2/80r2	NO		≈ 80r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C - 7	C7/2/25r2.1	NO		≈ 25r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐										
	C7/2/25r2.2	NO		≈ 25r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐										
	C7/2/25r2.3	NO		≈ 25r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐										
	C7/2/25r2.4	NO		≈ 25r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐										
	C7/2/25r2.5	NO		≈ 25r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐										
	C7/2/30r2	NO		≈ 30r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐					
C - 8	C8/3.1/2r1-2r2-r1-r1'	NO		2r1-2r2^{*2}-r1-r1'	☐	■	■	☐	☐	☐																													
C - 9	C9/3.1/2r1'.1	NO		2r1'	☐	☐																																		
	C9/3.1/2r1'.2	NO		2r1'^{*2}	☐	☐																																		
	C9/3.1/4r1-r1'-4r1	NO		4r1-r1'-4r1	☐	☐	☐	☐	☐	☐	☐	■	☐																										
C - 10	C10/1/40r2.1	NO		≈ 40r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	C10/1/40r2.2	NO		≈ 40r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C - 11	C11/3.1/4r1-r1'-4r1	NO		4r1^{*2}-r1'-4r1	☐	■	■	☐	☐	☐	☐	■	☐																										
	C11/3.1/9r1'-r1-r1'	NO		9r1'-r1-r1'	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐																								
	C11/1/18r2	NO		18r2	☐	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	☐																	
	C11/1/15r2.1	NO		15r2	☐	■	■	■	■	■	■	■	■	■	■	■	■	■	☐																				
	C11/1/15r2.2	NO		15r2	☐	■	■	■	■	■	■	■	■	■	■	■	■	■	☐																				

Incompatible strain

ind[a]	Variant id.[b]	splicing[c]		TR[d]	glycosylation prediction in TR[e]																																	
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
IC - 1	IC1/3.1/9r1	NO		9r1^{*2}	☐	☐	☐	■	■	■	■	■	☐																										
	IC1/3.1/2r1-2r2-r1'	NO		2r1-r2-r2*-r1'	☐	■	☐	☐	☐																														
	IC1/3.1/2r1.1	NO		2r1	☐	☐																																		
	IC1/3.1/2r1.2	NO		2r1	☐	☐																																		
	IC1/3.1/2r1.3	NO		2r1	☐	☐																																		
	IC1/3.1/2r1.4	NO		2r1	☐	☐																																		
	IC1/3.1/r1-r1'.1	AS	🟥	r1-r1'	☐	☐																																		
	IC1/3.1/r1-r1'.2	AS	🟥	r1°-r1'$^{\circ}$	☐	☐																																		
	IC1/3.1/r1-r1'.3	AS	🟥	r1-r1'*	☐	☐																																		
IC - 2	IC2/2/25r2.1	AbS (1)	🟥	≈ 25r2*	☐	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	⁙	☐										
	IC2/2/25r2.2	NO		≈ 25r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐										
	IC2/2/15r2	AbS (1)	🟥	15r2	☐	■	■	■	■	■	■	■	■	■	■	■	■	⁙	☐																				
	IC2/2/6r2	NO		6r2	☐	■	■	■	⁙	☐																													
	IC2/2/4r2	AbS (3)	🟥	4r2	☐	■	⁙	■																															
	IC2/3.1/r1-2r2-r1-r1'.1	NO		r1-2r2$^{\circ 2}$-r1-r1'	☐	■	☐	■	☐																														
	IC2/3.1/r1-2r2-r1-r1'.2	NO		r1-2r2-r1-r1'	☐	■	☐	■	☐																														
	IC2/3.1/r1-2r2-r1-r1'.3	NO		r1-2r2-r1-r1'	☐	■	☐	■	☐																														
	IC2/3.1/2r1-r1'	NO		2r1-r1'	☐	■	☐																																
IC - 3	IC3/2/40r2	NO		≈ 40r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	IC3/2/30r2	NO		≈ 30r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐					
	IC3/2/25r2	NO		≈ 25r2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐										



	IC3/2/4r2	NO		4r2
IC - 4	IC4/2/11r2	AbS (1)	🟥	11r2^{*11}
	IC4/2/13r2	AbS (1)	🟥	13r2$^{\circ 13}$
	IC4/2/25r2	AbS (1)	🟥	≈ 25r2
	IC4/2/30r2	AbS (1)	🟥	≈ 30r2$^{\circ n-1}$
	IC4/2/10r2	NO		10r2
IC - 5	IC5/3.1/10r1	AbS (4)	🟥	10r1 //STOP
	IC5/3.1/12r1	AbS (6)	🟥	12r1^{*7}
	IC5/3.1/11r1.1	AbS (5)	🟥	11r1^{*10} //
	IC5/3.1/11r1.2	NO		11r1^{*3}
	IC5/3.1/11r1.3	NO		11r1
	IC5/3.1/8r1	NO		8r1
	IC5/3.1/2r1-2r2-r1-r1'.1	NO		2r1-2r2-r1-r1'
	IC5/3.1/2r1-2r2-r1-r1'.2	NO		2r1-2r2-r1-r1'
	IC5/2/1r2	NO		r2
	IC5/2/10r2	AS	🟥	10r2^{*10}
IC - 6	IC6/2/25r2.1	AbS (1)	🟥	≈ 25r2$^{\circ n-1}$
	IC6/2/25r2.2	AbS (1)	🟥	≈ 25r2^{*7}
	IC6/2/25r2.3	NO		≈ 25r2
	IC6/2/25r2.4	AbS (1)	🟥	≈ 25r2
	IC6/2/15r2	AbS (1)	🟥	15r2
IC - 7	IC7/3.1/2r1.1	NO		2r1
	IC7/3.1/2r1.2	NO		2r1
	IC7/3.1/3r1	NO		3r1
	IC7/3.1/2r1-2r2-r1-r1'	NO		2r1-2r2-r1-r1'
	IC7/2/30r2.1	AbS (1)	🟥	≈ 30r2
	IC7/2/30r2.2	AS	🟥	≈ 30r2
	IC7/2/35r2	AbS (1)	🟥	≈ 35r2^{*n}
	IC7/2/18r2	AbS (1)	🟥	18r2
IC - 8	IC8/2/8r2.1	AbS (1)	🟥	8r2
	IC8/2/8r2.2	AbS (1)	🟥	8r2
	IC8/2/8r2.3	AbS (1)	🟥	8r2
	IC8/2/7r2	AbS (1)	🟥	7r2
	IC8/2/r2	AbS (1)	🟥	r2
	IC8/3.1/2r1-2r2-r1-r1'	NO		2r1-2r2-r1-r1'
	IC8/3.1/5r1	NO		5r1
IC - 9	IC9/2/25r2	AS	🟥	≈ 25r2
	IC9/2/5r2	AbS (1)	🟥	5r2
	IC9/2/3r2	AS	🟥	3r2
	IC9/2/9r2	AbS (1)	🟥	9r2^{*2}
	IC9/2/7r2	NO		7r2
	IC9/2/2r2	AS	🟥	2r2
	IC9/2/15r2	AbS (1)	🟥	15r2
	IC9/2/14r2	AbS (1)	🟥	14r2
	IC9/3.1/4r1	NO		4r1$^{\circ 4}$
	IC9/3.1/2r1	NO		r1-r1*
IC - 10	IC10/2/25r2	NO		≈ 25r2
	IC10/2/30r2.1	NO		≈ 30r2
	IC10/2/30r2.2	NO		≈ 30r2
	IC10/2/30r2.3	AS	🟥	≈ 30r2
	IC10/2/15r2	AS	🟥	15r2^{*14}
	IC10/3.1/2r1-2r2-r1-r1'	NO		2r1-2r2-r1-r1'
	IC10/3.1/11r1.1	NO		11r1$^{\circ 11}$
	IC10/3.1/11r1.2	NO		11r1
	IC10/3.1/11r1.3	NO		11r1$^{\circ 1}$
IC - 11	IC11/2/20r2	AbS (1)	🟥	≈ 20r2^{*n-1}
	IC11/2/30r2.1	AbS (1)	🟥	≈ 30r2
	IC11/2/30r2.2	NO		≈ 30r2
	IC11/2/30r2.3	AbS (1)	🟥	≈ 30r2$^{\circ 1-3}$
	IC11/2/30r2.4	AbS (1)	🟥	≈ 30r2
	IC11/2/7r2	AbS (2)	🟥	7r2
	IC11/2/10r2	AbS (1)	🟥	10r2
	IC11/2/13r2	AbS (1)	🟥	13r2