

Table S3. IC50 of DBP II glycosylation variants.

Immunogen	Yeast display				Effect of DARC phenotype			
	COS-7-RBC binding inhibition assay		binding inhibition assay		FyA		FyB	
	IC50 ¹	SD ²	IC50	SD	IC50	SD	IC50	SD
Wild type (HEK293) ³	2589	8.03	32.71	21.45	1203	34.85	442.7	33.6
STBP glycan ³	2787	13.82	34.12	23.32	435.9	32.67	408	28.92
P1 ³	2837	10.11	199.4	31.01	1237	40.14	459.7	42.91
Max ³	2110	8.53	668.6	27.5	926.7	35.72	273.4	35.31

¹plasma dilution at 50% inhibition²standard deviation³DNA immunization, protein boost