

TABLE S1. Saturation transfer double difference (STDD) enhancements (%) for compounds **1–3** binding to antibody C3.1. Enhancements are normalized to the strongest signal in each spectrum.

Resonance	STDD Enhancement (%)					
	1, IgG	2, IgG	2, scFv	2, scFv, higher power	3, IgG	3, scFv
Isolated resonances						
H1A	73	87	100	100	64	15
H2A	86	76	28	37	96	39
H3A		100	52	63		
H4A		60	28	37		
H1B	55	47	49	59	82	100
H2B	64	44	13	19	90	42
H1C		31	8	14	43	21
H2C		49	8	11	36	15
H1D					40	4
H2D					58	15
Pr 1-CH		53	5	12	61	7
Pr 2-CH2		29	4	7	50	12
Pr 3-CH3		24	3	7	50	13
OCH ₃	50					
Overlapping resonances						
H5 (all)	82	64	31	39	78	55
H6 (all)	66	56	20	21	60	17
H6' (all)	73	53	26	22	62	15
H3AB	77				100	57
H4AB	100				87	57
H3CD, H4CD, Pr 1'CH					55	18
H3BC, H4BC, Pr 1'CH		58	16	31		

