Table S29: Percent of IgG+ B cells that are GT8++ (regardless of KO binding status) magnitude testing between non-baseline time points for the treatment group, for frozen PBMC samples. Testing was done using Wilcoxon signed-rank test for paired data (two-sided,  $\alpha=0.05$ ) and p values less than 0.05 are highlighted.

		Number of Pairs	Median (Range)	P Value
201	ıg			
	Wk4 (V06) vs. Wk8 (V07)	18	$0.1264 \ [0.0528, \ 0.3482] \ vs. \ 0.0833 \ [0.0208, \ 0.2884]$	0.0001
	Wk4 (V06) vs. Wk10 (V08)	17	$0.1284\ [0.0528,\ 0.3482]\ vs.\ \ 2.0403\ [0.3117,\ 7.6517]$	< 0.0001
	Wk4 (V06) vs. Wk16 (V10)	18	$0.1264\ [0.0528,\ 0.3482]\ vs.\ 0.5411\ [0.1139,\ 1.7309]$	< 0.0001
	Wk8 (V07) vs. Wk10 (V08)	17	$0.0838 \ [0.0208,  0.2884] \ vs. \ 2.0403 \ [0.3117,  7.6517]$	< 0.0001
	Wk8 (V07) vs. Wk16 (V10)	18	$0.0833\ [0.0208,\ 0.2884]\ vs.\ 0.5411\ [0.1139,\ 1.7309]$	< 0.0001
	Wk10 (V08) vs. Wk16 (V10)	17	$2.0403 \ [0.3117,  7.6517] \ vs. \ 0.5513 \ [0.1139,  1.7309]$	< 0.0001
$100 \mu \mathrm{g}$				
	Wk4 (V06) vs. Wk8 (V07)	17	$0.1900\ [0.0771,\ 0.8912]\ vs.\ 0.1142\ [0.0404,\ 0.3422]$	< 0.0001
	Wk4 (V06) vs. Wk10 (V08)	17	$0.1900\ [0.0771,\ 0.8912]\ vs.\ 2.7716\ [0.9187,\ 9.1259]$	< 0.0001
	Wk4 (V06) vs. Wk16 (V10)	16	$0.1707 \ [0.0771, \ 0.8912] \ vs. \ 0.9596 \ [0.1715, \ 3.0402]$	< 0.0001
	Wk8 (V07) vs. Wk10 (V08)	17	0.1142 [0.0404, 0.3422] vs. 2.7716 [0.9187, 9.1259]	< 0.0001
	Wk8 (V07) vs. Wk16 (V10)	16	$0.1110\ [0.0404,\ 0.3422]\ vs.\ 0.9596\ [0.1715,\ 3.0402]$	< 0.0001
	Wk10 (V08) vs. Wk16 (V10)	16	2.8572 [0.9187, 9.1259] vs. 0.9596 [0.1715, 3.0402]	< 0.0001