



**FIG E1.** Individual antibody responses ( $\ln[K_v]$ ) to phiX174 immunization over time in rituximab-treated subjects.

**TABLE E1.** Baseline clinical characteristics (subjects who received 4 full infusions of rituximab or  $\geq 3$  placebo infusions)

	Rituximab group (n = 46)	Control group (n = 29)	Overall
Age (y), mean $\pm$ SD	20.1 $\pm$ 8.9	17.4 $\pm$ 8.0	19.1 $\pm$ 8.6
Median age (y), min-max	18 (8-40)	14 (9-38)	16 (8-40)
Male sex, no. (%)	29 (63)	17 (59)	46 (61)
White race, no. (%)	44 (96)	28 (97)	72 (96)
Non-Hispanic, no. (%)	43 (93)	26 (90)	69 (92)
No. of positive autoantibodies (%)*			
1	9 (20)	3 (10)	12 (16)
2	13 (28)	7 (24)	20 (27)
3	13 (28)	8 (28)	21 (28)
4	11 (24)	11 (38)	22 (29)
Time since diagnosis (d) at baseline	80 $\pm$ 23	84 $\pm$ 19	81 $\pm$ 22
Median (d), range	81 (37-137)	91 (34-109)	85 (34-137)

\*Four autoantibodies associated with T1D were tested: mIAA, GAD65-Ab, ICA512-Ab, and ICA.

**TABLE E2.** Actual numbers for the measurements in Table II

Days after immunization	Primary response			Secondary response		
	Rituximab group	Control group	Healthy control subjects	Rituximab group	Control group	Healthy control subjects
7	20	15	52	18	15	52
14	20	15	50	20	13	51
28	19	15	52	20	13	51

  

Days after immunization	Tertiary response			Quaternary response		
	Rituximab group	Control group	Healthy control subjects	Rituximab group	Control group	Healthy control subjects
7	13	14	17	11	13	0
14	16	15	18	12	15	0
28	16	14	19	13	15	0