

S19 Table: The estimate parameters for the seven IgG control macaques for the three different effector cell source models. The intervals specify the range of the set of intervals to approximate the 95% confidence intervals (S1 and S3 Text).

Baseline source							
Macaque	r_T	m	p	K_B	K_P	σ	$\ln(L)$
	0.12	1.00E-08	6728	5.51E-02		0.70	
RBe14	(0.09–0.24)	(1.00E-08–1.16E-06)	(5927– 8006)	(1.00E-03–4.39E-01)	N/A	(0.48–1.21)	-26.56
	0.24	3.53E-07	6953	1.79E-01		0.35	
RIt11	(0.19–0.24)	(1.41E-07–4.36E-07)	(6609– 7108)	(9.55E-02–1.98E-01)	N/A	(0.34–0.50)	-9.43
	0.20	6.13E-07	7352	1.23E-01		0.45	
RKs13	(0.20–0.21)	(6.13E-07–6.43E-07)	(7352– 7396)	(1.23E-01–1.36E-01)	N/A	(0.44–0.67)	-14.11
	0.19	9.11E-07	7704	1.36E-01		0.29	
RSy13	(0.17–0.19)	(6.09E-07–9.11E-07)	(7354– 7704)	(9.91E-02–1.40E-01)	N/A	(0.27–0.44)	-4.19
	0.24	1.06E-06	7833	1.13E-01		0.33	
RYy13	(0.19–0.27)	(1.00E-08–1.07E-06)	(7074– 8208)	(7.82E-02–6.00E-01)	N/A	(0.32–0.52)	-5.67
	0.22	1.00E-08	8598	1.74E-02		0.90	
RLo14	(0.17–0.45)	(1.00E-08–2.28E-06)	(6481–13074)	(1.00E-03–1.15E-01)	N/A	(0.64–1.49)	-40.96
	0.55	3.95E-06	9436	7.75E-02		0.54	
RUs14	(0.33–0.55)	(2.33E-06–1.29E-05)	(9018–11843)	(3.39E-02–2.34E-01)	N/A	(0.54–0.81)	-20.31
Saturated source							
Macaque	r_T	m	p	K_B	K_P	σ	$\ln(L)$
	0.12	1.00E-08	6720	6.82E-02	1.00E-01	0.69	
RBe14	(0.09–0.46)	(1.00E-08–4.23E-05)	(5828– 8688)	(1.00E-03–5.00E-01)	(1.00E-05–1.00E-01)	(0.46–1.26)	-26.48
	0.22	3.15E-07	6923	2.96E-01	6.36E-05	0.48	
RIt11	(0.14–0.42)	(1.00E-08–1.97E-05)	(6146– 7481)	(1.26E-03–5.94E-01)	(1.00E-05–1.00E-01)	(0.37–0.67)	-12.36
	0.25	1.06E-06	7351	2.70E-01	1.91E-02	0.56	
RKs13	(0.17–0.54)	(1.00E-08–3.13E-05)	(6228– 8870)	(4.39E-03–6.05E-01)	(1.00E-05–1.00E-01)	(0.53–0.98)	-19.28
	0.19	3.59E-06	7860	1.09E-01	4.56E-02	0.30	
RSy13	(0.19–0.26)	(5.22E-07–4.94E-06)	(7201– 8006)	(8.52E-02–2.40E-01)	(1.23E-05–5.39E-02)	(0.29–0.52)	-4.65
	0.25	1.10E-06	7655	2.48E-01	1.92E-03	0.32	
RYy13	(0.19–0.30)	(1.00E-08–2.04E-06)	(7058– 8119)	(7.25E-02–5.47E-01)	(1.00E-05–1.00E-01)	(0.30–0.51)	-4.93
	0.22	1.00E-08	8594	1.90E-02	1.15E-05	0.90	
RLo14	(0.17–0.48)	(1.00E-08–4.41E-06)	(6179–13406)	(1.00E-03–2.17E-01)	(1.00E-05–1.00E-01)	(0.60–1.53)	-40.94
	0.47	4.52E-06	9432	2.27E-01	2.15E-04	0.58	
RUs14	(0.24–0.55)	(2.94E-08–3.61E-05)	(8386–11592)	(2.88E-03–4.55E-01)	(1.00E-05–1.00E-01)	(0.54–0.92)	-21.81
APC source							
Macaque	r_T	m	p	K_B	K_P	σ	$\ln(L)$
	0.09	1.11E-07	4942	1.67E-01		0.63	
RBe14	(0.09–0.55)	(4.68E-08–4.81E-07)	(4000– 6194)	(1.40E-02–6.51E-01)	N/A	(0.46–1.08)	-23.77
	0.55	6.05E-08	4743	2.59E-01		0.38	
RIt11	(0.09–0.55)	(2.75E-08–1.44E-07)	(4261– 5556)	(7.61E-02–8.57E-01)	N/A	(0.27–0.66)	-11.40
	0.53	5.08E-08	5135	3.22E-01		0.63	
RKs13	(0.13–0.55)	(2.38E-08–1.35E-07)	(4000– 6637)	(6.88E-02–9.55E-01)	N/A	(0.43–1.05)	-23.90
	0.23	6.07E-08	5350	3.03E-01		0.32	
RSy13	(0.17–0.55)	(3.72E-08–1.35E-07)	(4705– 5956)	(8.34E-02–7.24E-01)	N/A	(0.23–0.57)	-8.24
	0.41	3.56E-08	5216	5.60E-01		0.40	
RYy13	(0.17–0.55)	(2.57E-08–6.97E-08)	(4535– 5986)	(1.95E-01–7.94E-01)	N/A	(0.29–0.67)	-10.41
	0.10	9.38E-08	7978	1.07E-01		0.60	
RLo14	(0.09–0.55)	(3.79E-08–2.48E-07)	(5415– 9786)	(1.97E-02–2.90E-01)	N/A	(0.46–0.94)	-25.87
	0.28	1.87E-07	14977	3.97E-02		0.51	
RUs14	(0.28–0.55)	(3.61E-08–1.87E-07)	(6146–15000)	(3.78E-02–6.00E-01)	N/A	(0.49–0.76)	-20.16