

S3 Table. Incidence and duration of Grade 4 thrombocytopenia (platelet count <10,000 cells/ μ L) in lethally irradiated NHPs treated with vehicle or entolimod

Study	Irradiation dose	Entolimod dose, μ g/kg	Injection time(s) relative to TBI, h	Group size (n)	Mean % live days \pm SE with Grade 4 thrombocytopenia	P-value ^A	Incidence of Grade 4 thrombocytopenia	P-value ^B
Rs-03	\sim LD _{75/40} (6.5 Gy) ^C	0 (vehicle)	+1	10	20% \pm 4%	-	80%	-
		40	+1	10	2% \pm 1%	0.003	20%	0.02
Rs-06	\sim LD _{75/40} (6.5 Gy) ^C	0 (vehicle)	+16	8	26% \pm 5%	-	88%	-
		40	+16	12	6% \pm 3%	0.003	33%	0.03
		40	+25	10	11% \pm 4%	0.02	60%	>0.05
		40	+48	12	13% \pm 4%	0.04	58%	>0.05
Rs-09	\sim LD _{50/40} (6.75 Gy) ^D	0 (vehicle)	+1	18	9% \pm 2%	-	72%	-
		0.3	+1	18	9% \pm 2%	0.89	67%	>0.05
		3	+1	18	5% \pm 2%	0.09	44%	>0.05
		10	+1	18	3% \pm 2%	0.03	28%	0.02
Rs-14	\sim LD _{50/40} (6.75 Gy) ^D	0 (vehicle)	+25	10	20% \pm 5%	-	80%	-
		10	+25	10	2% \pm 1%	0.004	40%	>0.05
		40	+25	10	4% \pm 2%	0.01	30%	>0.05
Pooled vehicle vs. \geq 10 μ g/kg entolimod, +25 h	\sim LD _{50-75/40} (6.5-6.75 Gy)	0 (vehicle) ^E	+1 - +25	46	17% \pm 2%	-	78%	-
		\geq 10 ^F	+25	30	5% \pm 2%	<0.0001	43%	0.003

^A P-value by Student's t-test (two-tailed) against vehicle groups in individual studies or in pooled group analysis

^B P-value by Fisher's exact test (two-tailed) against vehicle groups in individual studies or in pooled group analysis

^C Source I: Sichuan Atomic Energy Institute, cylindrical bundle of Co60 rods

^D Source II: Sichuan Atomic Energy Institute, vertical array of Co60 rods

^E Vehicle-treated animals from studies Rs-03, Rs-06, Rs-09, and Rs-14

^F Entolimod-treated animals from studies Rs-06 and Rs-14