

S1 Table. Incidence and duration of Grade 4 neutropenia (neutrophil count <500 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 neutropenia	P-value ^A	Incidence of Grade 4 neutropenia	P-value ^B
Rs-03	\sim LD _{75/40} (6.5 Gy) ^C	0 (vehicle)	+1	10	56% \pm 6%	-	100%	-
		40	+1	10	33% \pm 6%	0.01	90%	>0.05
Rs-06	\sim LD _{75/40} (6.5 Gy) ^C	0 (vehicle)	+16	8	60% \pm 6%	-	100%	-
		40	+16	12	47% \pm 6%	0.13	100%	>0.05
		40	+25	10	44% \pm 6%	0.08	100%	>0.05
		40	+48	12	51% \pm 8%	0.35	100%	>0.05
Rs-09	\sim LD _{50/40} (6.75 Gy) ^D	0 (vehicle)	+1	18	51% \pm 4%	-	100%	-
		0.3	+1	18	48% \pm 5%	0.65	100%	>0.05
		3	+1	18	44% \pm 4%	0.22	100%	>0.05
		10	+1	18	38% \pm 2%	0.01	100%	>0.05
Rs-14	\sim LD _{50/40} (6.75 Gy) ^D	0 (vehicle)	+25	10	55% \pm 6%	-	100%	-
		10	+25	10	37% \pm 2%	0.01	100%	>0.05
		40	+25	10	42% \pm 5%	0.11	100%	>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	55% \pm 3%	-	100%	-
		\geq 10 ^F	+25	30	41% \pm 3%	0.001	100%	>0.05

^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 Co-60 rods

^D Source II: Sichuan Atomic Energy Institute, vertical array of Co-60 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