LETTER TO THE EDITOR

Impact of pinworm infection on the development of murine B-cell leukemia/lymphoma in the presence and absence of *ETV6::RUNX1*

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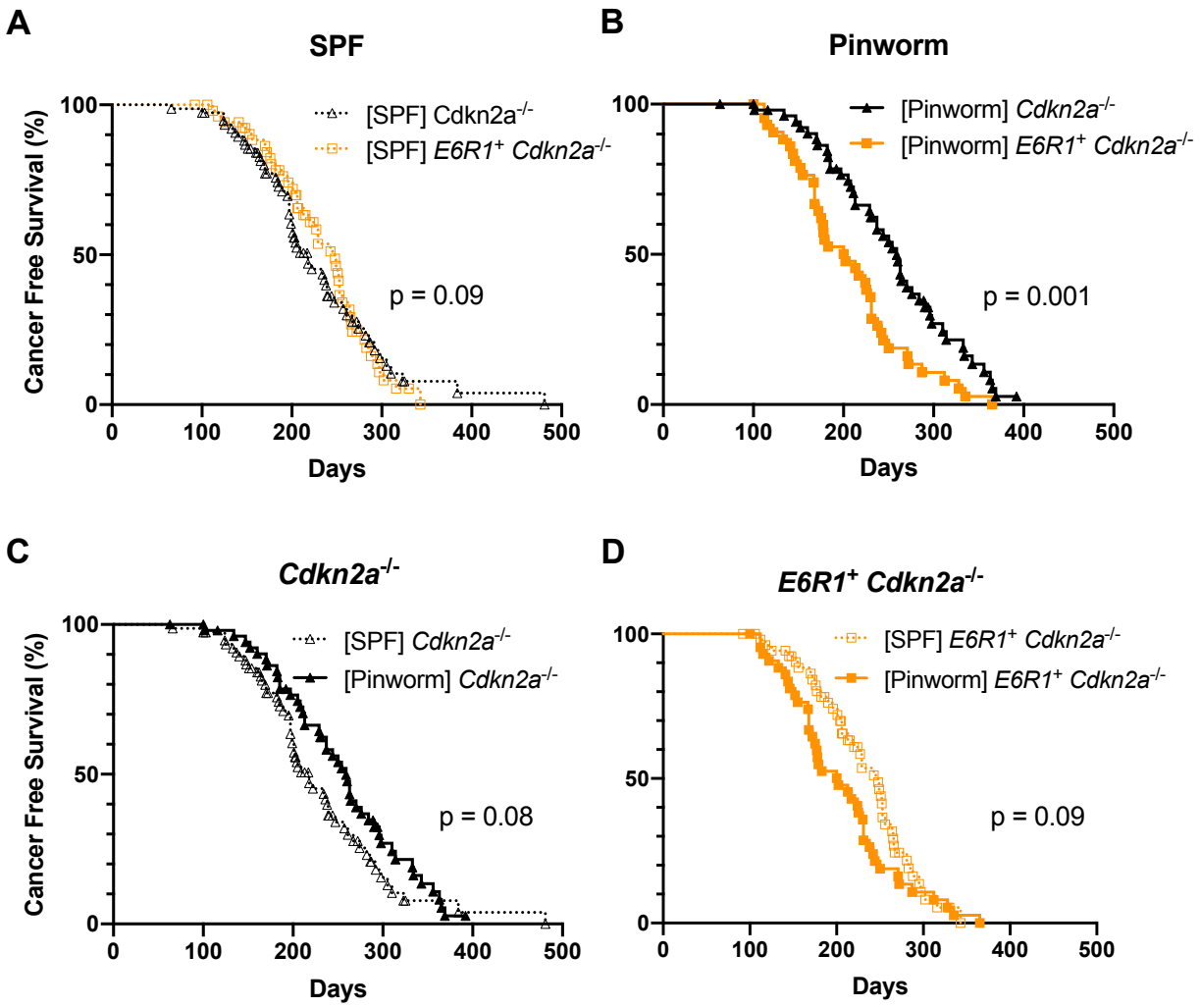
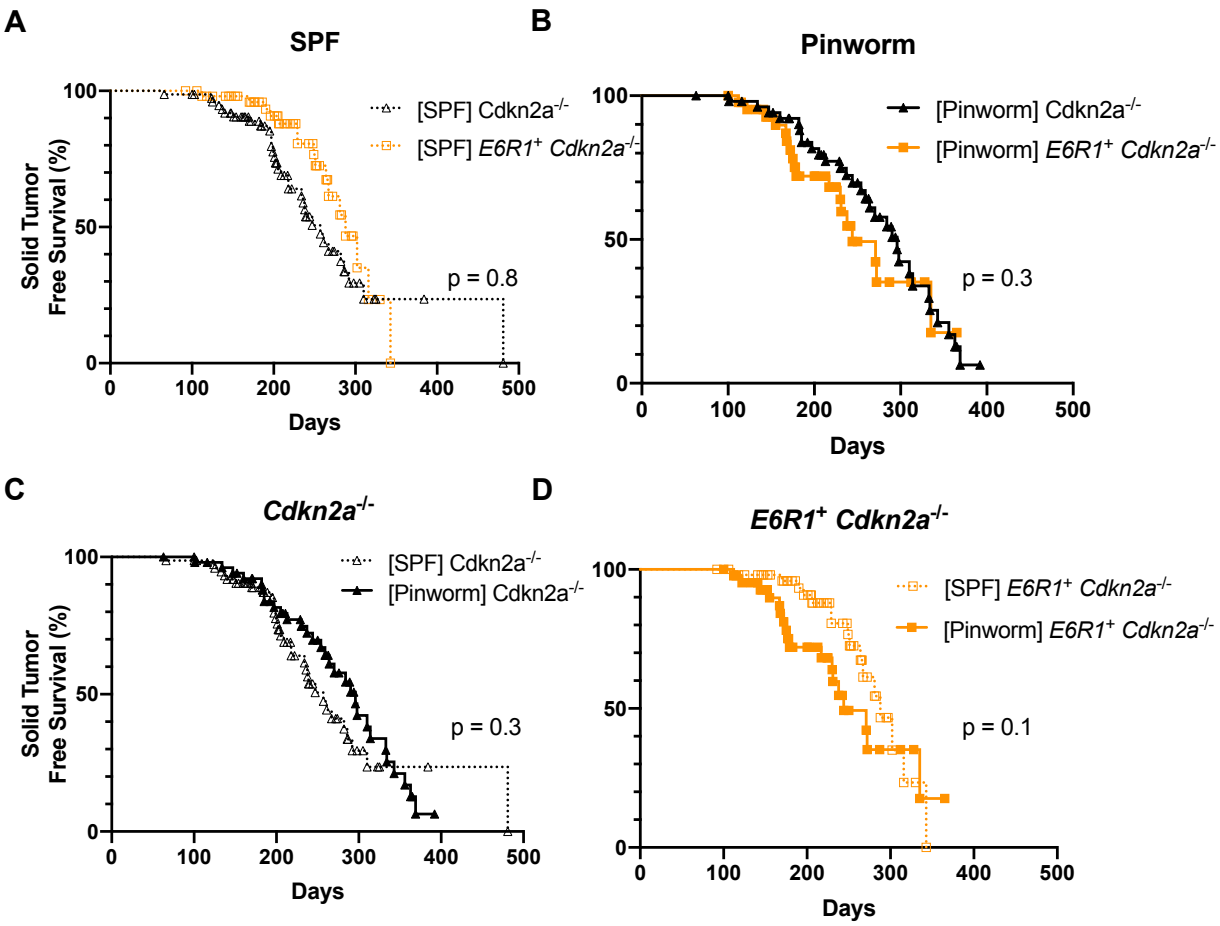
Supplemental Table 1. Disease outcomes of *Cdkn2a*$^{-/-}$ and *E6R1*$^{+}$ *Cdkn2a*$^{-/-}$ mice housed in SPF or pinworm-infected facilities.

	SPF *E6R1*$^{+}$ *Cdkn2a*$^{-/-}$ (N=55)	Pinworm *E6R1*$^{+}$ *Cdkn2a*$^{-/-}$ (N=44)	SPF *Cdkn2a*$^{-/-}$ (N=76)	Pinworm *Cdkn2a*$^{-/-}$ (N=54)
	N (% total)			
Cancer	42 (76%)	41 (93%)	56 (74%)	44 (81%)
Leukemia/Lymphoma	28 (51%)	23 (52%)	23 (30%)	14 (26%)



Supplemental Figure 1. Pinworm exposure is associated with increased latency of cancer development in the absence of *E6R1* and is associated with decreased latency of cancer development in the presence of *E6R1*. Cumulative survival curves showing combined data from Figure 1 of four independent experiments of mice housed in a pinworm-free SPF facility or pinworm-infected facility. Cancer-free survival for **(A)** SPF-housed (open symbols) and **(B)** pinworm-exposed (filled symbols) *Cdkn2a*$^{-/-}$ mice (black triangles) and *E6R1*$^{+}$ *Cdkn2a*$^{-/-}$ mice (orange squares). Cancer-free survival for genotype matched **(C)** *Cdkn2a*$^{-/-}$ mice and **(D)** *E6R1*$^{+}$ *Cdkn2a*$^{-/-}$ mice**.** SPF *Cdkn2a*$^{-/-}$ mice (n=76), SPF *E6R1*$^{+}$ *Cdkn2a*$^{-/-}$ mice (n=55), pinworm-exposed *Cdkn2a*$^{-/-}$ mice (n=54), and pinworm-exposed *E6R1*$^{+}$ *Cdkn2a*$^{-/-}$ mice (n=44). Log-rank (Mantel-Cox) test was applied to survival curves.



Supplemental Figure 2. Impact of pinworm exposure on solid tumor development in the absence and presence of *E6R1*. Cumulative survival curves showing combined data from Figure 1 of four independent experiments of mice housed in a pinworm-free SPF facility or pinworm-infected conventional facility. Solid tumor-free survival for **(A)** SPF-housed (open symbols) and **(B)** pinworm-exposed (filled symbols) *Cdkn2a*$^{-/-}$ mice (black triangles) and *E6R1*$^{+}$ *Cdkn2a*$^{-/-}$ mice (orange squares). Solid tumor-free survival for genotype matched **(C)** *Cdkn2a*$^{-/-}$ mice and **(D)** *E6R1*$^{+}$ *Cdkn2a*$^{-/-}$ mice**.** SPF *Cdkn2a*$^{-/-}$ mice (n=76), SPF *E6R1*$^{+}$ *Cdkn2a*$^{-/-}$ mice (n=55), pinworm-exposed *Cdkn2a*$^{-/-}$ mice (n=54), and pinworm-exposed *E6R1*$^{+}$ *Cdkn2a*$^{-/-}$ mice (n=44). Log-rank (Mantel-Cox) test was applied to survival curves.