

## IRF8 +32 KO MICE

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[Murphy, Kenneth](#)

[Zou, Dianxiong](#)

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Researchers first identified and then used CRISPR to delete an enhancer located at +32 kb of the *Irf8* transcriptional start site in mice. Knocking out this enhancer revealed that interferon regulatory factor 8 (IRF8) is required for the development of classical type 1 dendritic cells (cDC1s) but not for pre-cDC1 specification, which instead is driven by a +41-kb *Irf8* enhancer. These *Irf8* +32<sup>-/-</sup> mice can therefore be useful in better understanding the development of cDC1s, which are essential for antiviral and antitumor immunity.

These mice have been deposited in Jackson Labs (Stock No: [032744](#)).

**Publications:** [An Nfil3–Zeb2–Id2 pathway imposes Irf8 enhancer switching during cDC1 development](#)  
[Cryptic activation of an Irf8 enhancer governs cDC1 fate specification](#)