**Fig. S1.** *Crect*-driven *Irf6* ablation recapitulates the global *Irf6* KO phenotype. **A.** Representative images of littermate control and *Crect*\*-*Irf6*<sup>fl/fl</sup> cKO pups at approximately E17. *Crect*\*-*Irf6*<sup>fl/fl</sup> pups exhibit "cocooning" taught skin, abnormal and shortened limbs, and an umbilical hernia that has been described for the *Irf6* global KO. **B.** Hematoxylin and eosin staining of coronal sections of approximately E17 *Crect*\*-*Irf6*<sup>fl/fl</sup> pup and littermate control. *Crect*\*-*Irf6*<sup>fl/fl</sup> cKO pups exhibit severe oral adhesions and cleft palate similar to the global *Irf6* KO mouse. Scale: 100 μM.

Figurate print doi: https://doi.org/10.1101/2024.06.11.598425; this version posted June 11, 2024. The copyright holder for this preprint on the certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under a CC-BY-NC-ND 4.0 International license.

Crect

B

Crect B Irf6 cKO control control Irf6 cKO