SUPPLEMENTARY INFORMATION







digits in *Kindlin-2^{Prx1}* cKO mice. N=5. Scale bar: 0.5 cm. (**B**) Alizarin red and alcian blue double stain of E16.5 and E18.5 *Prx1-Cre; Kindlin-2^{fl/+}* (HET) and WT skeletons, showing no marked differences between the two genotypes. N=5. Scale bar: 1 cm. (**C**) Calvaria, forelimb, hindlimb, sternum, and clavicle from E16.5 and E18.5 *Prx1-Cre; Kindlin-2^{fl/+}* (HET) and WT embryos. N=5. Scale bar: 1 cm.













Name	5' primer	3' primer
Actin	TCCTCCTGAGCGCAAGTACT	CGGACTCATCGTACTCCTGCT T
	СТ	
Aggrecan	AGGACCTGGTAGTGCGAGTG	GCGTGTGGCGAAGAA
Cadherin	AGCGCAGTCTTACCGAAGG	TCGCTGCTTTCATACTGAACTTT
Ap2	GATGAAATCACCGCAGACGA	CACCACCAGCTTGTCACCATCTC
	CAGGA	G
Col2a1	CCACACCAAATTCCTGTTCA	ACTGGTAAGTGGGGCAAGAC
Gapdh	CAGTGCCAGCCTCGTCCCGT	CTGCAAATGGCAGCCCTGGTGAC
	AGA	
lhh	TGGACTCATTGCCTCCCAGA	CAAAGGCTCAGGAGGCTGGA
Kindlin-2	TGGACGGGATAAGGATGCCA	TGACATCGAGTTTTTCCACCAAC
Runx2	TAAAGTGACAGTGGACGGTC	TGCGCCCTAAATCACTGAGG
	CC	
Sox9	CCACGGAACAGACTCACATC	CTGCTCAGTTCACCGATGTCCAC
	TCTC	G
Tgf-β1	GGATACCAACTATTGCTTCAG	AGGCTCCAAATATAGGGGCAGGG
	CTCC	ТС

Supplementary Table 1 : Real-time Polymerase Chain Reaction (PCR) Primers

Ap2=adipocyte protein 2; Ihh=Indian hedgehog; TGF=transforming growth factor