



**Additional data file 1:** Validation of the S100b-eGFP mouse. **(A)** The S100b-eGFP reporter mouse expresses eGFP in alpha cells (arrows). **(B)** Beta cells, marked by co-expression of UCN3 and mCherry, and delta cells (arrows) are GFP-negative. **(C)** S100b transcript is virtually undetectable, suggesting that eGFP expression is a useful artifact.