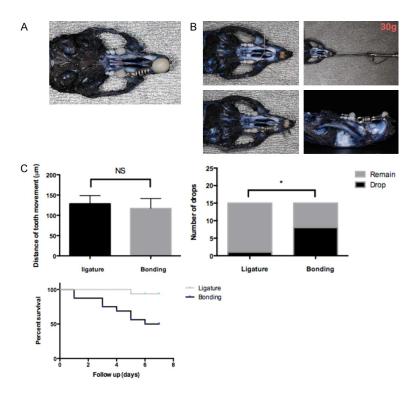


Figure S1. Obese mice model.



 $\textbf{Figure S2.} \ \textbf{Orthodontic tooth movement model}.$ 

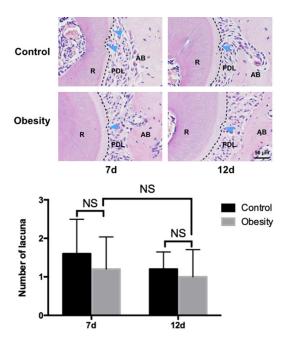


Figure S3. Root resorption in the control and obesity group after prolonged force application.