

Supporting Information

A new osteopetrosis mutant mouse strain (ntl) with odontoma-like proliferations and lack of tooth roots

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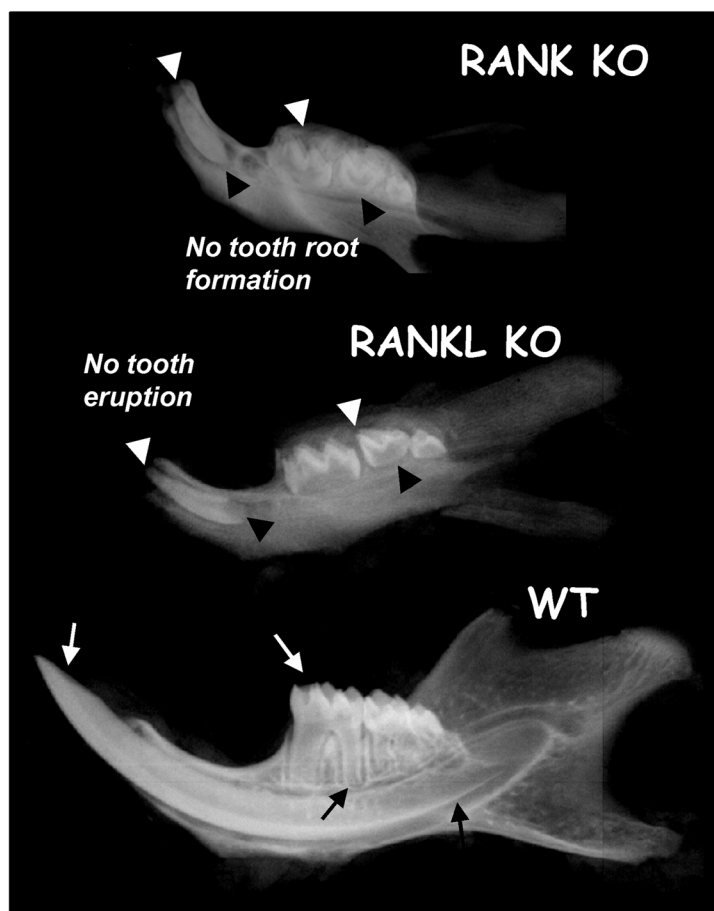


Figure S1: The absence of tooth root formation is observed in RANK knockout (receptor activator of NF- κ B) (*Proc Natl Acad Sci USA* 2000; **97**: 1566-1571) and RANKL knockout mice, two osteopetrosis mouse models. Representative whole-mandibular radiographs of 5-wk-old RANK (*upper*), RANKL (*middle*) and wild type (WT, *lower*) littermates. Note the erupted incisor and molars (white arrows) and their roots (black arrows) in the WT mandible. In contrast, absence of tooth eruption (white arrowheads) and tooth roots (black arrowheads) is evident in both osteopetrosis models.