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Dental and skeletal characterization of the BR-1 minipig

Abstract

- This study was designed to characterize the development of oral structures in the BR-1 minipig and to compare these data with literature reports on domestic swine and other minipig lineages. Twelve male minipigs were anesthetized and given physical and radiographic examinations. The presence and chronology of tooth eruption from 3 to 15 months of age were assessed, and the radiographic results were interpreted by two certified researchers, who obtained a high index of agreement (

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> 0.81). The eruption chronology was similar to that reported for domestic swine and other minipig lineages. The results indicate that it is possible to use the BR-1 minipig in dental research.

Keywords:

Minipig; Swine; Medical?dental research; Tooth eruption

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