



Figure 1. Expression of *Cxcl12* and *Cxcr4* in the periodontium. **A)** Histology of the mouse first molar periodontium upon staining with haematoxylin-eosin. **B)** Immunohistochemistry showing *Cxcl12*-GFP expression (brown colour) in the periodontium of mouse first molars. **C, D)** Immunohistochemistry showing *Cxcl12*-GFP expression (brown colour) in the periodontium of mouse lower incisors. **E)** Double immunofluorescent staining showing expression of *Cxcl12*-GFP (green colour) relative to Laminin (red colour) in the periodontium of mouse first molars. DAPI in blue colour. **F)** Immunofluorescent staining showing localization of the *Cxcl12* protein in the molar periodontium. DAPI in blue colour. **G)** Immunofluorescent staining showing localization of the *Cxcr4* protein in the molar periodontium. DAPI in blue colour. Abbreviations: ab, alveolar bone; c, cementum; d, dentin; o, odontoblasts; p, dental pulp; pd, periodontium; po, periosteum; v, vessel. Scale bars: A-C, 50 μ m; D-G, 25 μ m.