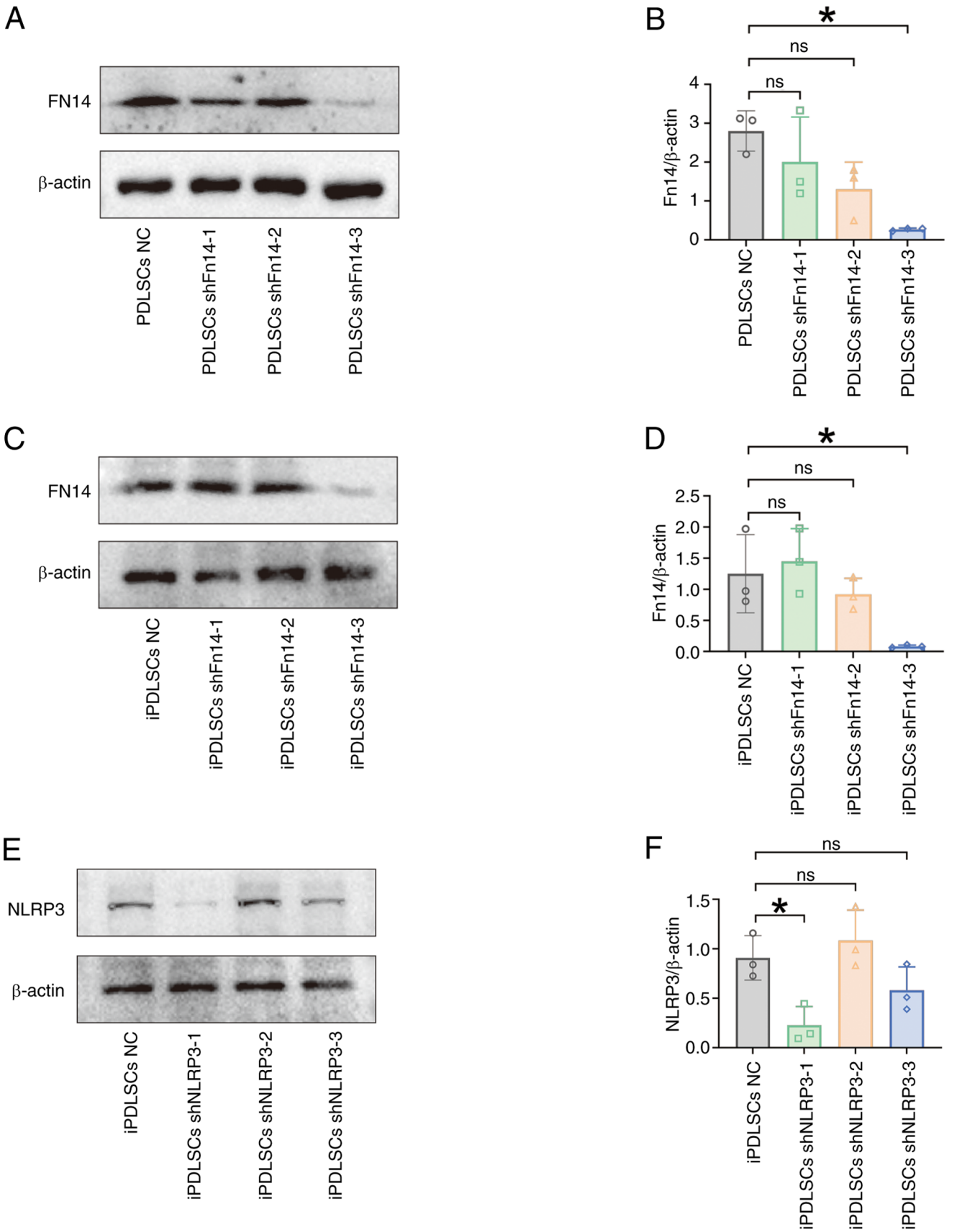Figure S1. Validation of shRNA transfection efficiency in PDLSCs. (A) Western blot analysis of Fn14 expression in PDLSCs following lentiviral transduction with three distinct Fn14-targeting shRNAs, with (B) semi-quantification of band gray values (n=3). (C) Western blot analysis of Fn14 expression in iPDLSCs following lentiviral transduction with three distinct Fn14-targeting shRNAs, with (D) semi-quantification of band gray values (n=3). (E) Western blot analysis of NLRP3 expression in iPDLSCs following lentiviral transduction with three distinct NLRP3-targeting shRNAs, with (F) semi-quantification of band gray values (n=3). Statistical analysis was performed using a one-way ANOVA. *P<0.05. Data are presented as the mean ± SD. Fn14, fibroblast growth factor-inducible 14; iPDLSC, inflammatory PDLSC; NC, negative control shRNA; NLRP3, NOD-like receptor thermal protein domain-associated protein 3; ns, not significant; PDLSC, periodontal ligament stem cell; shRNA/sh, short hairpin RNA.