Resource Summary Report

Generated by NIF on Sep 18, 2026

Gene Expression in Tooth Database

RRID:SCR_007671
Type: Tool

Proper Citation

Gene Expression in Tooth Database (RRID:SCR_007671)

Resource Information

URL: http://bite-it.helsinki.fi/

Proper Citation: Gene Expression in Tooth Database (RRID:SCR_007671)

Description: A database of gene expression in tooth. It includes expression information on the initiation, bud, cap, bell, differentiation, and secretory stages, as well as on root development. The website also examines epithelial layers, growth factors and receptors, signaling molecules and transcription factors.

Synonyms: Gene Expression in Tooth Database

Resource Type: data or information resource, database

Keywords: gene expression, dental, teeth, tooth, FASEB list

Resource Name: Gene Expression in Tooth Database

Resource ID: SCR_007671

Alternate IDs: nif-0000-02876

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260912T200150+0000

Ratings and Alerts

No rating or validation information has been found for Gene Expression in Tooth Database.

No alerts have been found for Gene Expression in Tooth Database.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 33 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Ren J, et al. (2023) Genotype-phenotype pattern analysis of pathogenic PAX9 variants in Chinese Han families with non-syndromic oligodontia. Frontiers in genetics, 14, 1142776.

Mack KL, et al. (2023) Evolution of Spatial and Temporal cis-Regulatory Divergence in Sticklebacks. Molecular biology and evolution, 40(3).

Peralta S, et al. (2021) Comparative transcriptional profiling of canine acanthomatous ameloblastoma and homology with human ameloblastoma. Scientific reports, 11(1), 17792.

Küchler EC, et al. (2021) Exploring the Association Between Genetic Polymorphisms in Genes Involved in Craniofacial Development and Isolated Tooth Agenesis. Frontiers in physiology, 12, 723105.

Miao X, et al. (2021) Stage-Specific Role of Amelx Activation in Stepwise Ameloblast Induction from Mouse Induced Pluripotent Stem Cells. International journal of molecular sciences, 22(13).

Aryal YP, et al. (2020) Stage-specific expression patterns of ER stress-related molecules in mice molars: Implications for tooth development. Gene expression patterns : GEP, 37, 119130.

Chen H, et al. (2020) Regeneration of pulpo-dentinal-like complex by a group of unique multipotent CD24a+ stem cells. Science advances, 6(15), eaay1514.

Yang F, et al. (2020) Associations of the microRNA gene polymorphisms with the risk of non-syndromic supernumerary teeth in a Chinese population. Archives of oral biology, 117, 104771.

Romualdo PC, et al. (2019) Evaluation of genetic polymorphisms in MMP2, MMP9 and MMP20 in Brazilian children with dental fluorosis. Environmental toxicology and pharmacology, 66, 104.

Salomies L, et al. (2019) The alternative regenerative strategy of bearded dragon unveils the key processes underlying vertebrate tooth renewal. eLife, 8.

Hart JC, et al. (2018) Convergent evolution of gene expression in two high-toothed stickleback populations. PLoS genetics, 14(6), e1007443.

Fauzi NH, et al. (2018) A review on non-syndromic tooth agenesis associated with PAX9 mutations. The Japanese dental science review, 54(1), 30.

Li Y, et al. (2018) Quantitative proteomic analysis of deciduous molars during cap to bell transition in miniature pig. Journal of proteomics, 172, 57.

Seidel K, et al. (2017) Resolving stem and progenitor cells in the adult mouse incisor through gene co-expression analysis. eLife, 6.

Pantalacci S, et al. (2017) Transcriptomic signatures shaped by cell proportions shed light on comparative developmental biology. Genome biology, 18(1), 29.

Zanolli C, et al. (2017) Neanderthal and Denisova tooth protein variants in present-day humans. PloS one, 12(9), e0183802.

Küchler EC, et al. (2017) Polymorphisms in genes involved in enamel development are associated with dental fluorosis. Archives of oral biology, 76, 66.

Li A, et al. (2015) Identification of differential microRNA expression during tooth morphogenesis in the heterodont dentition of miniature pigs, SusScrofa. BMC developmental biology, 15, 51.

Millar SE, et al. (2015) Secrets of the Hair Follicle: Now on Your iPhone. Developmental cell, 34(5), 488.

Huckert M, et al. (2015) Mutations in the latent TGF-beta binding protein 3 (LTBP3) gene cause brachyolmia with amelogenesis imperfecta. Human molecular genetics, 24(11), 3038.