Resource Summary Report

Generated by RRID on Apr 19, 2025

FaceBase

RRID:SCR_005998

Type: Tool

Proper Citation

FaceBase (RRID:SCR_005998)

Resource Information

URL: https://www.facebase.org/

Proper Citation: FaceBase (RRID:SCR_005998)

Description: A web portal that provides access to data, tools and materials that will aid in craniofacial research. Included is access to genomic and imaging based data sets from a variety of species, including zebrafish, human and mouse.

Abbreviations: FaceBase

Synonyms: FaceBase - A Resource For Craniofacial Researchers

Resource Type: research forum portal, community building portal, portal, disease-related portal, topical portal, data or information resource

Keywords: microct, dna microarray, craniofacial, genome, imaging, FASEB list

Funding: NIDCR

Availability: Open and restricted access. Open-access data is available on the FaceBase website to any interested user and does not require any formal registration. Open-access data will be limited to summary-level human data (ex: averaged facial measures), And all non-human data. In contrast, All individual-level human data (ex: demographic descriptors, Phenotypic measures, 3D images) will fall under the restricted category and will require the requestor to fill out the Data Access Request form.

Resource Name: FaceBase

Resource ID: SCR 005998

Alternate IDs: nlx_151372

Record Creation Time: 20220129T080233+0000

Record Last Update: 20250419T055030+0000

Ratings and Alerts

No rating or validation information has been found for FaceBase.

No alerts have been found for FaceBase.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 64 mentions in open access literature.

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

Yuan M, et al. (2024) Mapping genes for human face shape: Exploration of univariate phenotyping strategies. PLoS computational biology, 20(12), e1012617.

Farmer DT, et al. (2024) Cellular transitions during cranial suture establishment in zebrafish. Nature communications, 15(1), 6948.

Maroofian R, et al. (2024) Familial severe skeletal Class II malocclusion with gingival hyperplasia caused by a complex structural rearrangement at the KCNJ2-KCNJ16 locus. HGG advances, 5(4), 100352.

Vanneste M, et al. (2023) Syndrome-informed phenotyping identifies a polygenic background for achondroplasia-like facial variation in the general population. bioRxiv: the preprint server for biology.

Echeverry-Quiceno LM, et al. (2023) Population-specific facial traits and diagnosis accuracy of genetic and rare diseases in an admixed Colombian population. Scientific reports, 13(1), 6869.

Wilke F, et al. (2023) Exploring regional aspects of 3D facial variation within European individuals. Scientific reports, 13(1), 3708.

Rajderkar SS, et al. (2023) Cell Type- and Tissue-specific Enhancers in Craniofacial Development. bioRxiv: the preprint server for biology.

Li Z, et al. (2023) netMUG: a novel network-guided multi-view clustering workflow for dissecting genetic and facial heterogeneity. bioRxiv: the preprint server for biology.

Matthews HS, et al. (2023) Using data-driven phenotyping to investigate the impact of sex on 3D human facial surface morphology. Journal of anatomy, 243(2), 274.

Naqvi S, et al. (2023) Precise modulation of transcription factor levels identifies features underlying dosage sensitivity. Nature genetics, 55(5), 841.

Li Z, et al. (2023) netMUG: a novel network-guided multi-view clustering workflow for dissecting genetic and facial heterogeneity. Frontiers in genetics, 14, 1286800.

Almpani K, et al. (2022) Loeys-Dietz and Shprintzen-Goldberg syndromes: analysis of TGF-?-opathies with craniofacial manifestations using an innovative multimodality method. Journal of medical genetics, 59(10), 938.

Devine J, et al. (2022) MusMorph, a database of standardized mouse morphology data for morphometric meta-analyses. Scientific data, 9(1), 230.

Van Otterloo E, et al. (2022) AP-2? and AP-2? cooperatively function in the craniofacial surface ectoderm to regulate chromatin and gene expression dynamics during facial development. eLife, 11.

Liu D, et al. (2021) PRICKLE1 × FOCAD Interaction Revealed by Genome-Wide vQTL Analysis of Human Facial Traits. Frontiers in genetics, 12, 674642.

Yoshioka H, et al. (2021) Dexamethasone Suppresses Palatal Cell Proliferation through miR-130a-3p. International journal of molecular sciences, 22(22).

Woodruff ED, et al. (2021) Anomalous incisor morphology indicates tissue-specific roles for Tfap2a and Tfap2b in tooth development. Developmental biology, 472, 67.

Yilmaz F, et al. (2021) Genome-wide copy number variations in a large cohort of bantu African children. BMC medical genomics, 14(1), 129.

Hoskens H, et al. (2021) 3D facial phenotyping by biometric sibling matching used in contemporary genomic methodologies. PLoS genetics, 17(5), e1009528.

Indencleef K, et al. (2021) The Intersection of the Genetic Architectures of Orofacial Clefts and Normal Facial Variation. Frontiers in genetics, 12, 626403.