

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

MuSiC

RRID:SCR_008792

Type: Tool

Proper Citation

MuSiC (RRID:SCR_008792)

Resource Information

URL: <http://tvap.genome.wustl.edu/tools/music/>

Proper Citation: MuSiC (RRID:SCR_008792)

Description: A set of tools aimed at determining the significance of somatic mutations discovered within a given cohort of cancer samples, incorporating the cohort's alignment data, variant lists and any relevant clinical data., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: MuSiC

Synonyms: Mutational Significance In Cancer

Resource Type: software resource

Defining Citation: [PMID:22759861](#)

Keywords: bio.tools

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: MuSiC

Resource ID: SCR_008792

Alternate IDs: biotools:MuSiC2, OMICS_00152

Alternate URLs: <https://bio.tools/MuSiC2>, <https://github.com/ding-lab/MuSiC2/blob/master/README.md>

Record Creation Time: 20220129T080249+0000

Record Last Update: 20260801T190337+0000

Ratings and Alerts

No rating or validation information has been found for MuSiC.

No alerts have been found for MuSiC.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 485 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Wong KC, et al. (2025) The value of inpatient music therapy for gynae-oncology palliative care in Singapore. *Frontiers in psychiatry*, 16, 1577545.

Reck M, et al. (2025) Multiomic analysis of human kidney disease identifies a tractable inflammatory and pro-fibrotic tubular cell phenotype. *Nature communications*, 16(1), 4745.

Hansen BC, et al. (2025) Leveraging RNA-seq deconvolution to improve complex in vitro model characterization. *The Journal of biological chemistry*, 301(9), 110510.

Song X, et al. (2025) A Single-Cell Atlas of RNA Alternative Splicing in the Glioma-Immune Ecosystem. *bioRxiv : the preprint server for biology*.

Yu N, et al. (2025) Longitudinal pharmacogenomic analysis of refractory lung cancer to identify therapeutic candidates for epidermal growth factor receptor-tyrosine kinase inhibitor resistance subclones. *Experimental & molecular medicine*, 57(7), 1567.

Shinozuka K, et al. (2025) LSD flattens the hierarchy of directed information flow in fast whole-brain dynamics. *Imaging neuroscience (Cambridge, Mass.)*, 3.

, et al. (2025) Multi-organ AI Endophenotypes Chart the Heterogeneity of Pan-disease in the Brain, Eye, and Heart. *medRxiv : the preprint server for health sciences*.

van Dam K, et al. (2025) Perioperative Music Implementation in Bariatric Patient Care: An Interventional Study. *Cureus*, 17(1), e78281.

Zhang C, et al. (2025) The analysis of Chinese National ballad composition education based on artificial intelligence and deep learning. *Scientific reports*, 15(1), 9215.

Özcan H, et al. (2025) The effect of music on pain, anxiety and satisfaction during nonstress testing. *Journal of evaluation in clinical practice*, 31(1), e14106.

Jonsson A, et al. (2025) Transcriptomic characterization of human pancreatic CD206- and CD206 + macrophages. *Scientific reports*, 15(1), 12037.

Herff SA, et al. (2025) Solitary silence and social sounds: music can influence mental imagery, inducing thoughts of social interactions. *Scientific reports*, 15(1), 27583.

Evans BL, et al. (2025) Transcriptome remodelling and changes in growth and cardiometabolic phenotype result following Grb10a knockdown in the early life of the zebrafish. *Cellular and molecular life sciences* : CMLS, 82(1), 281.

Bozdarov J, et al. (2025) Mindfulness-based (non-contact) boxing therapy (MBBT) for depression and anxiety: A feasibility study. *PloS one*, 20(2), e0318364.

Hennessy S, et al. (2025) Music-Evoked Nostalgia Activates Default Mode and Reward Networks Across the Lifespan. *Human brain mapping*, 46(4), e70181.

Yang T, et al. (2025) Comprehensive evaluation of methods for identifying tissues or cell types of origin of the plasma cell-free transcriptome. *PeerJ*, 13, e19241.

Turchet L, et al. (2025) Exposure to vibrotactile music improves audiometric performances in individuals with cochlear implants. *Scientific reports*, 15(1), 20054.

Wang K, et al. (2025) Perinatal Exposure to Lead or Diethylhexyl Phthalate in Mice: Sex-Specific Effects on Cardiac DNA Methylation and Gene Expression across Time. *Environmental health perspectives*, 133(6), 67014.

Jézéquel J, et al. (2025) Cadherins orchestrate specific patterns of perisomatic inhibition onto distinct pyramidal cell populations. *Nature communications*, 16(1), 4481.

Zhang Y, et al. (2025) TS-Resformer: a model based on multimodal fusion for the classification of music signals. *Frontiers in neurorobotics*, 19, 1568811.