

Resource Summary Report

Generated by [ASWG](#) on Aug 5, 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 [ASWG](#) .

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.

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

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

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.

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.

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.

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.

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

Ardill-Young O, et al. (2025) Implementation of Transdiagnostic Psychosocial Group Interventions and a Novel Peer Work Role in a Community Youth Mental Health Setting. *Early intervention in psychiatry*, 19(4), e70038.

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

Nishiwaki H, et al. (2025) Music-based interventions for people with chronic kidney disease undergoing haemodialysis. *The Cochrane database of systematic reviews*, 4(4), CD016139.

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

Hermans P, et al. (2025) Exploring Evolution to Uncover Insights Into Protein Mutational Stability. *Molecular biology and evolution*, 42(1).

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.

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.

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