

Resource Summary Report

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GSE27831

RRID:SCR_003646

Type: Tool

Proper Citation

GSE27831 (RRID:SCR_003646)

Resource Information

URL: <http://ranchobiosciences.com/gse27831/>

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Description: Curated data set from gene expression profiles of 29 unique samples from uveal melanoma patients that were measured on Affymetrix microarray. In addition, expression of syntenin-1 was measured by RT-PCR and this data is also available in the study.

Resource Type: data or information resource, data set

Keywords: syntenin-1, gene expression profile, gene expression, eye, adult human

Related Condition: Cancer, Uveal melanoma

Availability: Free, Public

Resource Name: GSE27831

Resource ID: SCR_003646

Alternate IDs: nlx_157798

Record Creation Time: 20220129T080220+0000

Record Last Update: 20260905T133324+0000

Ratings and Alerts

No rating or validation information has been found for GSE27831.

No alerts have been found for GSE27831.

Data and Source Information

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Wan Q, et al. (2025) Integrating pathomics and deep learning for subtyping uveal melanoma: identifying high-risk immune infiltration profiles. *Frontiers in immunology*, 16, 1585097.

Bartolomei L, et al. (2025) Exploring p53 isoforms: unraveling heterogeneous p53 tumor suppressor functionality in uveal melanoma. *Cell death discovery*, 12(1), 39.

Tonelotto V, et al. (2024) 1,4-dihydroxy quininib activates ferroptosis pathways in metastatic uveal melanoma and reveals a novel prognostic biomarker signature. *Cell death discovery*, 10(1), 70.

Wan Q, et al. (2023) Deep learning classification of uveal melanoma based on histopathological images and identification of a novel indicator for prognosis of patients. *Biological procedures online*, 25(1), 15.

Reggiani F, et al. (2023) Interdependence of Molecular Lesions That Drive Uveal Melanoma Metastasis. *International journal of molecular sciences*, 24(21).

Zheng Z, et al. (2021) An autophagy-related prognostic signature associated with immune microenvironment features of uveal melanoma. *Bioscience reports*, 41(3).

Jin Y, et al. (2021) Analysis of Ferroptosis-Mediated Modification Patterns and Tumor Immune Microenvironment Characterization in Uveal Melanoma. *Frontiers in cell and developmental biology*, 9, 685120.

Tang Z, et al. (2021) A Novel 8-Gene Prognostic Signature for Survival Prediction of Uveal Melanoma. *Analytical cellular pathology (Amsterdam)*, 2021, 6693219.

Giallongo S, et al. (2020) Loss of macroH2A1 decreases mitochondrial metabolism and reduces the aggressiveness of uveal melanoma cells. *Aging*, 12(10), 9745.

Piaggio F, et al. (2019) Secondary Somatic Mutations in G-Protein-Related Pathways and Mutation Signatures in Uveal Melanoma. *Cancers*, 11(11).

Petralia MC, et al. (2019) Characterization of the Pathophysiological Role of CD47 in Uveal Melanoma. *Molecules (Basel, Switzerland)*, 24(13).

Ni Y, et al. (2019) Integrated analyses identify potential prognostic markers for uveal melanoma. *Experimental eye research*, 187, 107780.

Zhang Y, et al. (2014) Expression analysis of genes and pathways associated with liver metastases of the uveal melanoma. *BMC medical genetics*, 15, 29.