

# Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

## GSE27831

RRID:SCR\_003646

Type: Tool

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### Proper Citation

GSE27831 (RRID:SCR\_003646)

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### Resource Information

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

**Proper Citation:** GSE27831 (RRID:SCR\_003646)

**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:** 20260912T200314+0000

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### Ratings and Alerts

No rating or validation information has been found for GSE27831.

No alerts have been found for GSE27831.

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### 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 [SPARC SAWG](#) .

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).

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

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

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