

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

GSE8650

RRID:SCR_003647

Type: Tool

Proper Citation

GSE8650 (RRID:SCR_003647)

Resource Information

URL: <http://ranchobiosciences.com/gse8650/>

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Description: Curated data set from analyzed gene expression profiles in 19 pediatric patients with SoJIA during the systemic phase of the disease (fever and/or arthritis), 25 SoJIA patients with no systemic symptoms (arthritis only or no symptoms), 39 healthy controls, 94 pediatric patients with acute viral and bacterial infections (available under GSE6269), 38 pediatric patients with Systemic Lupus Erythematosus (SLE), and 6 patients with a second IL-1 mediated disease known as PAPA syndrome.

Resource Type: data or information resource, data set

Keywords: gene expression profile, gene expression, pediatric, young human

Related Condition: Inflammatory disease, Systemic-onset Juvenile Idiopathic Arthritis, Healthy control

Availability: Free, Public

Resource Name: GSE8650

Resource ID: SCR_003647

Alternate IDs: nlx_157799

Record Creation Time: 20220129T080220+0000

Record Last Update: 20260912T200314+0000

Ratings and Alerts

No rating or validation information has been found for GSE8650.

No alerts have been found for GSE8650.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Chen Q, et al. (2025) Identification of core genes in systemic juvenile idiopathic arthritis based on 113 machine learning algorithms. *Medicine*, 104(38), e44350.

Shin SH, et al. (2020) Synthetic lethality by targeting the RUVBL1/2-TTT complex in mTORC1-hyperactive cancer cells. *Science advances*, 6(31), eaay9131.

Bouquet J, et al. (2016) Longitudinal Transcriptome Analysis Reveals a Sustained Differential Gene Expression Signature in Patients Treated for Acute Lyme Disease. *mBio*, 7(1), e00100.

Wong D, et al. (2012) Interferon and biologic signatures in dermatomyositis skin: specificity and heterogeneity across diseases. *PloS one*, 7(1), e29161.