

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

GSE13168

RRID:SCR_003651

Type: Tool

Proper Citation

GSE13168 (RRID:SCR_003651)

Resource Information

URL: <http://ranchobiosciences.com/gse13168/>

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Description: Curated data set from a study that assessed the effects of epidermal growth factor and interleukin 1-beta stimulation, and the modulatory effects of glucocorticoids treatment and protein kinase A inhibition, on the airway smooth muscle transcriptome by microarray analysis. The samples from 4 donors were subjected to different stimulations by IL-1b and EGF (or both) with or without pre-treatment with fluticasone, and data was collected at different timepoints.

Abbreviations: GSE13168

Resource Type: data or information resource, data set

Keywords: epidermal growth factor, interleukin 1-beta, glucocorticoid, protein kinase a, airway, smooth muscle, microarray, fluticasone

Related Condition: Asthma

Availability: Free, Public

Resource Name: GSE13168

Resource ID: SCR_003651

Alternate IDs: nlx_157803

Record Creation Time: 20220129T080220+0000

Record Last Update: 20260808T190550+0000

Ratings and Alerts

No rating or validation information has been found for GSE13168.

No alerts have been found for GSE13168.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Mo BW, et al. (2022) m6A echoes with DNA methylation: Coordinated DNA methylation and gene expression data analysis identified critical m6A genes associated with asthma. *Gene*, 828, 146457.

Himes BE, et al. (2014) RNA-Seq transcriptome profiling identifies CRISPLD2 as a glucocorticoid responsive gene that modulates cytokine function in airway smooth muscle cells. *PloS one*, 9(6), e99625.