

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

## GSE13168

RRID:SCR\_003651

Type: Tool

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### Proper Citation

GSE13168 (RRID:SCR\_003651)

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### Resource Information

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

**Proper Citation:** GSE13168 (RRID:SCR\_003651)

**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:** 20260728T043149+0000

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### Ratings and Alerts

No rating or validation information has been found for GSE13168.

No alerts have been found for GSE13168.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

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.