

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 16, 2026

## Haystack

RRID:SCR\_017087

Type: Tool

### Proper Citation

Haystack (RRID:SCR\_017087)

### Resource Information

**URL:** <https://github.com/lucapinello/Haystack>

**Proper Citation:** Haystack (RRID:SCR\_017087)

**Description:** Software suite of computational tools implemented in Python to study epigenetic variability, cross cell type plasticity of chromatin states and transcription factors motifs providing mechanistic insights into chromatin structure, cellular identity and gene regulation. Epigenetic variability and transcription factor motifs analysis pipeline.

**Synonyms:** haystack, haystack\_bio

**Resource Type:** software toolkit, data processing software, software application, data analysis software, software resource

**Keywords:** epigenetic, variability, cell, plasticity, chromatin, transcription, factor, motif, structure, gene, regulation, analysis

**Availability:** Free, Available for download, Freely available

**Resource Name:** Haystack

**Resource ID:** SCR\_017087

**Alternate URLs:** [https://github.com/pinellolab/haystack\\_bio](https://github.com/pinellolab/haystack_bio)

**License:** GNU AGPL v3

**Record Creation Time:** 20220129T080333+0000

**Record Last Update:** 20260815T182537+0000

### Ratings and Alerts

No rating or validation information has been found for Haystack.

No alerts have been found for Haystack.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Bhattacharya S, et al. (2025) Intestinal secretory differentiation reflects niche-driven phenotypic and epigenetic plasticity of a common signal-responsive terminal cell. *Cell stem cell*, 32(6), 952.

Singh PNP, et al. (2024) Transcription factor dynamics, oscillation, and functions in human enteroendocrine cell differentiation. *Cell stem cell*, 31(7), 1038.

Jadhav U, et al. (2019) Extensive Recovery of Embryonic Enhancer and Gene Memory Stored in Hypomethylated Enhancer DNA. *Molecular cell*, 74(3), 542.