

Resource Summary Report

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MAboya Gene Expression Patterns and Sequence Tags

RRID:SCR_000763

Type: Tool

Proper Citation

MAboya Gene Expression Patterns and Sequence Tags (RRID:SCR_000763)

Resource Information

URL: <http://magest.hgc.jp/>

Proper Citation: MAboya Gene Expression Patterns and Sequence Tags (RRID:SCR_000763)

Description: A database for maternal gene expression information for ascidia, colloquially known as sea squirts. Information available includes DNA sequences, expression patterns of ESTs, and cDNA data from uncleaved fertilized eggs. The goal is to utilize the database to understand molecular mechanisms of establishment of embryonic body plans of chordates and to understand evolution from invertebrates to vertebrates in the future.

Abbreviations: MAGEST

Synonyms: MAboya Gene Expression Patterns and Sequence Tags (MAGEST)

Resource Type: data or information resource, database

Defining Citation: [PMID:11752271](#)

Keywords: ascidia, sea squirt, development, maternal, dna, rna, genetic, chordate, vertebrae, gene, expression

Funding: Ministry of Education Science Sports and Culture Japan 1016821;
Ministry of Education Science Sports and Culture Japan 11149212;
Research for the Future Program from the Japan Society for the promotion of Science 96L00404

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: MAboya Gene Expression Patterns and Sequence Tags

Resource ID: SCR_000763

Alternate IDs: nif-0000-21247

Old URLs: <http://www.genome.ad.jp/magest>

Record Creation Time: 20220129T080203+0000

Record Last Update: 20260729T044006+0000

Ratings and Alerts

No rating or validation information has been found for MAboya Gene Expression Patterns and Sequence Tags.

No alerts have been found for MAboya Gene Expression Patterns and Sequence Tags.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Miyaoku K, et al. (2018) Control of Pem protein level by localized maternal factors for transcriptional regulation in the germline of the ascidian, *Halocynthia roretzi*. PloS one, 13(4), e0196500.

Wang K, et al. (2017) Genome-wide survey of miRNAs and their evolutionary history in the ascidian, *Halocynthia roretzi*. BMC genomics, 18(1), 314.

Kodama H, et al. (2016) Redundant mechanisms are involved in suppression of default cell fates during embryonic mesenchyme and notochord induction in ascidians. Developmental biology, 416(1), 162.

Takatori N, et al. (2015) Polarization of PI3K Activity Initiated by Ooplasmic Segregation Guides Nuclear Migration in the Mesendoderm. Developmental cell, 35(3), 333.

Prodon F, et al. (2009) Actin microfilaments guide the polarized transport of nuclear pore complexes and the cytoplasmic dispersal of Vasa mRNA during GVBD in the ascidian *Halocynthia roretzi*. Developmental biology, 330(2), 377.

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.

Kawashima T, et al. (2002) Update of MAGEST: MAboya Gene Expression patterns and Sequence Tags. Nucleic acids research, 30(1), 119.