Resource Summary Report

Generated by dkNET on Apr 22, 2025

Gene Expression Profile

RRID:SCR_008605
Type: Tool

Proper Citation

Gene Expression Profile (RRID:SCR_008605)

Resource Information

URL: http://www.angaged.bio.uci.edu

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Description: Welcome to the Anopheles gambiae Gene Expression Database at UC Irvine. Presented here is a relational database that combines data from microarray experiments, functional annotation, and the An. gambiae genome project to provide insight into gene expression and regulation in this mosquito vector of human malaria. Microarray analyses included in this site were based on the Affymetrix GeneChip Plasmodium/Anopheles Genome Array. Abundance of specific mRNAs represented in the array were determined for larvae (3rd and 4th instars), adult males (3 days post emergence), non-blood fed females (3 days post emergence) and females at 3, 24, 48, 72, and 96 hours following a blood meal, and females aged 18 days with or without a bloodmeal. Functional annotation integrated into the site for keyword searching combines keywords indexed in the ENSEMBL Mosquito Genome database, NCBI non-redundant databases and conserved motifs databases (GO, PFAM, SMART). Sequence data was captured from the ENSEMBL Mosquito Genome database.

Synonyms: Anopheles gambiae Gene Expression Profile, Anopheles gambiae Gene Expression Database

Resource Type: data or information resource, database

Funding:

Resource Name: Gene Expression Profile

Resource ID: SCR_008605

Alternate IDs: nif-0000-31942

Record Creation Time: 20220129T080248+0000

Record Last Update: 20250422T055503+0000

Ratings and Alerts

No rating or validation information has been found for Gene Expression Profile.

No alerts have been found for Gene Expression Profile.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Huang AC, et al. (2019) A single dose of neoadjuvant PD-1 blockade predicts clinical outcomes in resectable melanoma. Nature medicine, 25(3), 454.

Assou S, et al. (2013) Comparative gene expression profiling in human cumulus cells according to ovarian gonadotropin treatments. BioMed research international, 2013, 354582.

Parish LA, et al. (2011) Ookinete-interacting proteins on the microvillar surface are partitioned into detergent resistant membranes of Anopheles gambiae midguts. Journal of proteome research, 10(11), 5150.

Dissanayake SN, et al. (2010) aeGEPUCI: a database of gene expression in the dengue vector mosquito, Aedes aegypti. BMC research notes, 3, 248.

Biedler JK, et al. (2010) Evolutionary analysis of the kinesin light chain genes in the yellow fever mosquito Aedes aegypti: gene duplication as a source for novel early zygotic genes. BMC evolutionary biology, 10, 206.

Amenya DA, et al. (2010) Proteomics reveals novel components of the Anopheles gambiae eggshell. Journal of insect physiology, 56(10), 1414.