

Resource Summary Report

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TRAP

RRID:SCR_009002

Type: Tool

Proper Citation

TRAP (RRID:SCR_009002)

Resource Information

URL: <http://research.nhgri.nih.gov/software/TRAP/>

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Description: Software tool for determining a regression model of quantitative or binary trait variation when the number of possible genetic predictors is very large, considering only a moderate number of predictors at one time, using unrelated or family data. (entry from Genetic Analysis Software)

Abbreviations: TRAP

Synonyms: Tiled Regression Analysis Package

Resource Type: software resource, software application

Keywords: gene, genetic, genomic, r, any with r installation

Resource Name: TRAP

Resource ID: SCR_009002

Alternate IDs: nlx_154010

Record Creation Time: 20220129T080250+0000

Record Last Update: 20260801T191052+0000

Ratings and Alerts

No rating or validation information has been found for TRAP.

No alerts have been found for TRAP.

Data and Source Information

Usage and Citation Metrics

We found 394 mentions in open access literature.

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

Pal Mahadevan V, et al. (2025) Preference for and resistance to a toxic sulfur volatile opens up a unique niche in *Drosophila busckii*. *Nature communications*, 16(1), 767.

Soares RRG, et al. (2025) Pooled optical screening in bacteria using chromosomally expressed barcodes. *Communications biology*, 8(1), 851.

Melián-Henríquez A, et al. (2025) Geographical distribution of potential mechanical vectors implicated in Surra transmission in Spain: an entomological perspective. *Parasites & vectors*, 18(1), 305.

Faraji A, et al. (2025) Comparative resilience and precision of digitized optical counting using ImageJ during routine mosquito (Diptera: Culicidae) sample processing. *Journal of insect science (Online)*, 25(2).

Daly ME, et al. (2025) Proteomic Profiling of Celiac-Toxic Motifs and Allergens in Cereals Containing Gluten. *Journal of proteome research*, 24(5), 2336.

Pauwels J, et al. (2025) A 96-Well Ultrafiltration Approach for the High-Throughput Proteome Analysis of Extracellular Vesicles Isolated From Conditioned Medium. *Journal of extracellular vesicles*, 14(7), e70103.

Sermeño-Correa C, et al. (2025) Sticky traps for *Aedes aegypti* surveillance and targeted vector control in Sincelejo, Colombia. *Biomedica : revista del Instituto Nacional de Salud*, 45(1), 118.

Yu JW, et al. (2025) Digenic impairments of haploinsufficient genes in patients with craniosynostosis. *JCI insight*, 10(4).

Wang H, et al. (2025) Astragaloside IV alleviated bone loss in mice with ovariectomy-induced osteoporosis via modulating gut microbiota and fecal metabolism. *Frontiers in pharmacology*, 16, 1548491.

Park J, et al. (2025) ATPase-dependent duplex nucleic acid unwinding by SARS-CoV-2 nsP13 relies on facile binding and translocation along single-stranded nucleic acid. *The Journal of biological chemistry*, 301(7), 110373.

Aizpurua O, et al. (2025) Functional Insights Into the Effect of Feralisation on the Gut Microbiota of Cats Worldwide. *Molecular ecology*, 34(6), e17695.

Liu C, et al. (2025) Enhanced performance of T2SLs LWIR avalanche photodiodes with a separate AlxGa1-xSb multiplication layer. *Scientific reports*, 15(1), 12043.

Sánchez-González L, et al. (2025) Incompatible *Aedes aegypti* male releases as an intervention to reduce mosquito population-A field trial in Puerto Rico. *PLoS neglected tropical diseases*, 19(1), e0012839.

Giuranna J, et al. (2025) Genetic and functional analyses of CTBP2 in anorexia nervosa and body weight regulation. *Molecular psychiatry*, 30(5), 1836.

Nametov A, et al. (2025) Stray Dogs as Reservoirs and Sources of Infectious and Parasitic Diseases in the Environment of the City of Uralsk in Western Kazakhstan. *Biology*, 14(6).

Mehatre SH, et al. (2025) A capsular myofibroblastic niche maintains hematopoietic stem cells in the spleen. *The EMBO journal*, 44(14), 3983.

Martínez AS, et al. (2025) Understanding key population drivers of the spotted wing *Drosophila* in cultivated and natural areas in the Andes. *Scientific reports*, 15(1), 6208.

Andrade Galan AG, et al. (2025) The transcription factor WRKY25 can act as redox switch to drive the expression of WRKY53 during leaf senescence in *Arabidopsis*. *Scientific reports*, 15(1), 27623.

Zhong W, et al. (2025) *Lycium-Barbarum* Polysaccharide-Loaded Dual-Crosslinked Rigid Hydrogel Enhances Bone Healing in Diabetic Bone Defects by Scavenging Reactive Oxygen Species. *Advanced healthcare materials*, 14(11), e2404741.

Thompson N, et al. (2025) A geminivirus attenuation vector for crop protection using episomal plant gene therapy. *Scientific reports*, 15(1), 25085.