# **Resource Summary Report**

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# **Arden**

RRID:SCR\_015975

Type: Tool

### **Proper Citation**

Arden (RRID:SCR\_015975)

#### **Resource Information**

URL: http://sourceforge.net/projects/arden/

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**Description:** Software for specificity control of read alignments using an artificial reference. It estimates error rates based on real experimental reads and an additionally generated artificial reference genome. It can be used to optimize parameters for read mappers, to select read mappers for a specific problem or also to filter alignments based on quality estimation.

**Synonyms:** ARDEN: Artificial Reference Driven Estimation of false positives in NGS data, Artificial Reference Driven Estimation of false positives in NGS data

**Resource Type:** software toolkit, alignment software, software application, image analysis software, software resource, data processing software, source code

Defining Citation: PMID:23685787, DOI:10.1093/bioinformatics/btt255

**Keywords:** software, alignment, artificial, reference, estimate, error, genome, false, positive, next, generation, sequencing, DNA, python

Funding Agency: Robert Koch-Institute (RKI)

Availability: Free, Freely available

Resource Name: Arden

Resource ID: SCR 015975

Alternate IDs: OMICS\_09783

Alternate URLs: https://sources.debian.org/src/ariba/

## Ratings and Alerts

No rating or validation information has been found for Arden.

No alerts have been found for Arden.

#### Data and Source Information

Source: SciCrunch Registry

### **Usage and Citation Metrics**

We found 44 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.

Lages J, et al. (2024) Excess degassing drives long-term volcanic unrest at Nevado del Ruiz. Scientific reports, 14(1), 1230.

Tonet V, et al. (2023) Deadly acceleration in dehydration of Eucalyptus viminalis leaves coincides with high-order vein cavitation. Plant physiology, 191(3), 1648.

Wang R, et al. (2022) Adsorption Equilibrium and Mechanism and of Water Molecule on the Surfaces of Molybdenite (MoS2) Based on Kinetic Monte-Carlo Method. Molecules (Basel, Switzerland), 27(24).

Fang Y, et al. (2022) Combination of Trabeculectomy and Primary Pars Plana Vitrectomy in the Successful Treatment of Angle-Closure Glaucoma with BEST1 Mutations: Self-Controlled Case Series. Ophthalmology and therapy, 11(6), 2271.

Garip Kuebler A, et al. (2022) Evaluating the interreader agreement and intrareader reproducibility of Visual Field Defects in Thyroid Eye Disease- Compressive Optic Neuropathy. Eye (London, England), 36(4), 724.

Padhy SK, et al. (2022) Clinical and visual electrophysiological characteristics of vitelliform macular dystrophies in the first decade of life. Indian journal of ophthalmology, 70(7), 2516.

Nowomiejska K, et al. (2022) Disease expression caused by different variants in the BEST1 gene: genotype and phenotype findings in bestrophinopathies. Acta ophthalmologica, 100(3), e847.

Knittle K, et al. (2022) Movement as Medicine for Cardiovascular Disease Prevention: Pilot

Feasibility Study of a Physical Activity Promotion Intervention for At-Risk Patients in Primary Care. JMIR cardio, 6(1), e29035.

Hartmann TE, et al. (2021) Associations between exercise, inflammation and symptom severity in those with mental health disorders. Cytokine, 146, 155648.

Garip Kuebler A, et al. (2021) A pathological indicator for dysthyroid optic neuropathy: tritan color vision deficiency. Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv fur klinische und experimentelle Ophthalmologie, 259(11), 3421.

Parisi V, et al. (2021) Neural Conduction Along Postretinal Visual Pathways in Glaucoma. Frontiers in aging neuroscience, 13, 697425.

Noronha BP, et al. (2021) Cytomegalovirus and herpes simplex type 1 infections and immunological profile of community-dwelling older adults. Experimental gerontology, 149, 111337.

Armanhi JSL, et al. (2021) Modulating Drought Stress Response of Maize by a Synthetic Bacterial Community. Frontiers in microbiology, 12, 747541.

Noronha BP, et al. (2021) Chlamydia pneumoniae and Helicobacter pylori infections and immunological profile of community-dwelling older adults. Experimental gerontology, 156, 111589.

Ismail AH, et al. (2021) A Quasi-Randomized Controlled Trial of the I-PLAN Intervention to Promote Hearing Aid Use Among First-Time Adult Hearing Aid Users. Trends in hearing, 25, 2331216520969472.

Soares A, et al. (2021) A Comparison of Arden Syntax and Clinical Quality Language as Knowledge Representation Formalisms for Clinical Decision Support. Applied clinical informatics, 12(3), 495.

Garip Kuebler A, et al. (2020) Evaluation of medical and surgical decompression in patients with dysthyroid optic neuropathy. Eye (London, England), 34(9), 1702.

Brown SG, et al. (2020) Assessment of Ambient Air Toxics and Wood Smoke Pollution among Communities in Sacramento County. International journal of environmental research and public health, 17(3).

Cresswell K, et al. (2020) Formative independent evaluation of a digital change programme in the English National Health Service: study protocol for a longitudinal qualitative study. BMJ open, 10(10), e041275.

Muralter F, et al. (2020) Applicability of Vapor-Deposited Thermoresponsive Hydrogel Thin Films in Ultrafast Humidity Sensors/Actuators. ACS applied polymer materials, 2(3), 1160.