**Arden**
RRID:SCR_015975
Type: Tool

**Proper Citation**
Arden (RRID:SCR_015975)

**Resource Information**

URL: [http://sourceforge.net/projects/arden/](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.

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

References: PMID:23685787

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

Website Status: Last checked up

Resource Name: Arden

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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 25 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](https://FDI-Lab-Sicrunch.org).


Hartmann TE, et al. (2020) The effect of cigarette smoking history on autonomic and cerebral oxygenation responses to an acute exercise bout in smokers. Physiological reports, 8(19), e14596.


McGrath E, et al. (2019) The role of neuropsychological mechanisms in implementation intentions to reduce alcohol consumption among heavy drinkers: a randomized trial. Journal of behavioral medicine.


Mendham AE, et al. (2015) Rugby-specific small-sided games training is an effective alternative to stationary cycling at reducing clinical risk factors associated with the development of type 2 diabetes: a randomized, controlled trial. PloS one, 10(6), e0127548.


