

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 21, 2026

## [andi](#)

RRID:SCR\_015971

Type: Tool

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### Proper Citation

andi (RRID:SCR\_015971)

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### Resource Information

**URL:** <https://github.com/EvolBioInf/andi>

**Proper Citation:** andi (RRID:SCR\_015971)

**Description:** Software tool for rapidly computing and estimating evolutionary distance between closely related genomes. Because andi does not compute full alignments it scales even up to thousands of bacterial genomes.

**Resource Type:** algorithm resource, alignment software, data processing software, image analysis software, software application, software resource

**Defining Citation:** [PMID:25504847](#)

**Keywords:** algorithm, computing, estimate, analysis, genome, alignment, bio.tools

**Funding:** Deutsche Forschungsgemeinschaft Pf672/3-1

**Availability:** Free, Freely available, Available for download

**Resource Name:** andi

**Resource ID:** SCR\_015971

**Alternate IDs:** OMICS\_09287, biotools:andi

**Alternate URLs:** <https://bio.tools/andi>, <https://sources.debian.org/src/andi/>

**License:** GPLv3

**Record Creation Time:** 20220129T080328+0000

**Record Last Update:** 20260919T195315+0000

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### Ratings and Alerts

No rating or validation information has been found for andi.

No alerts have been found for andi.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 41 mentions in open access literature.

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

Luijendijk MJ, et al. (2025) Psychiatric and cognitive function in patients with serotonin producing neuroendocrine tumors. Translational psychiatry, 15(1), 176.

Zyto S, et al. (2025) Facial emotion recognition, affective empathy and psychosocial functioning in euthymic BD-I. Journal of neuropsychology, 19(3), 486.

Alkhodair R, et al. (2025) Assessing the Quality and Accuracy of Syphilis-Related Content on TikTok and YouTube: A Comprehensive Analysis. Sexually transmitted diseases, 52(2), 81.

Shabeeb Z, et al. (2025) Learning the diffusion of nanoparticles in liquid phase TEM via physics-informed generative AI. Nature communications, 16(1), 6298.

Viswanathan SH, et al. (2025) Impact of human body shape on free convection heat transfer. PloS one, 20(2), e0318842.

Huang X, et al. (2025) Predicting Alzheimer's disease subtypes and understanding their molecular characteristics in living patients with transcriptomic trajectory profiling. Alzheimer's & dementia : the journal of the Alzheimer's Association, 21(1), e14241.

Sun J, et al. (2024) MTAF-DTA: multi-type attention fusion network for drug-target affinity prediction. BMC bioinformatics, 25(1), 375.

Schellekens MMI, et al. (2024) Cognitive trajectory in the first year after first-ever ischaemic stroke in young adults: the ODYSSEY study. Journal of neurology, neurosurgery, and psychiatry, 95(6), 571.

Hudd T, et al. (2022) Reconnecting in the Face of Exclusion: Individuals with High Social Anxiety May Feel the Push of Social Pain, but not the Pull of Social Rewards. Cognitive therapy and research, 46(2), 420.

Salah LA, et al. (2022) Accuracy and Quality of YouTube Videos as a Source of Information on Vitiligo. Clinical, cosmetic and investigational dermatology, 15, 21.

Abd El-Azeim AS, et al. (2022) Impact of adding scapular stabilization to postural correctional exercises on symptomatic forward head posture: a randomized controlled

trial. European journal of physical and rehabilitation medicine, 58(5), 757.

Clements RT, et al. (2022) Quantification of Neurite Degeneration with Enhanced Accuracy and Efficiency in an In Vitro Model of Parkinson's Disease. eNeuro, 9(2).

Jansen MG, et al. (2021) Positive Effects of Education on Cognitive Functioning Depend on Clinical Status and Neuropathological Severity. Frontiers in human neuroscience, 15, 723728.

Stelwagen J, et al. (2021) Cognitive Impairment in Long-Term Survivors of Testicular Cancer More Than 20 Years after Treatment. Cancers, 13(22).

Borsdorf B, et al. (2021) BDNF levels in adolescent patients with anorexia nervosa increase continuously to supranormal levels 2.5 years after first hospitalization. Journal of psychiatry & neuroscience : JPN, 46(5), E568.

Reukers DFM, et al. (2020) Objective cognitive performance and subjective complaints in patients with chronic Q fever or Q fever fatigue syndrome. BMC infectious diseases, 20(1), 397.

Gao X, et al. (2020) Group Similarity Constraint Functional Brain Network Estimation for Mild Cognitive Impairment Classification. Frontiers in neuroscience, 14, 165.

Tosado J, et al. (2020) Clustering of Largely Right-Censored Oropharyngeal Head and Neck Cancer Patients for Discriminative Groupings to Improve Outcome Prediction. Scientific reports, 10(1), 3811.

Kleineidam L, et al. (2020) PLCG2 protective variant p.P522R modulates tau pathology and disease progression in patients with mild cognitive impairment. Acta neuropathologica, 139(6), 1025.

Adamu AI, et al. (2020) Noise and spectral stability of deep-UV gas-filled fiber-based supercontinuum sources driven by ultrafast mid-IR pulses. Scientific reports, 10(1), 4912.