# **Resource Summary Report**

Generated by dkNET on Apr 30, 2025

## Coral

RRID:SCR\_011849

Type: Tool

### **Proper Citation**

Coral (RRID:SCR\_011849)

#### **Resource Information**

URL: http://www.cs.helsinki.fi/u/lmsalmel/coral/

Proper Citation: Coral (RRID:SCR\_011849)

**Description:** An error correction algorithm for correcting reads from DNA sequencing platforms such as the Illumina Genome Analyzer or HiSeq platforms or Roche/454 Genome Sequencer.

Abbreviations: Coral

Resource Type: software resource

**Defining Citation:** PMID:21471014

**Funding:** 

Resource Name: Coral

Resource ID: SCR\_011849

Alternate IDs: OMICS\_01099

**Record Creation Time:** 20220129T080307+0000

**Record Last Update:** 20250420T014600+0000

## Ratings and Alerts

No rating or validation information has been found for Coral.

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 208 mentions in open access literature.

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

Songco A, et al. (2023) Social and cognitive vulnerability to COVID-19-related stress in pregnancy: A case-matched-control study of antenatal mental health. Journal of affective disorders, 325, 739.

Guerra JPL, et al. (2023) Controlled modulation of the dynamics of the Deinococcus grandis Dps N-terminal tails by divalent metals. Protein science: a publication of the Protein Society, 32(2), e4567.

Byrne S, et al. (2023) Social communication skill attainment in babies born during the COVID-19 pandemic: a birth cohort study. Archives of disease in childhood, 108(1), 20.

Gijsbers A, et al. (2023) The crystal structure of the EspB-EspK virulence factor-chaperone complex suggests an additional type VII secretion mechanism in Mycobacterium tuberculosis. The Journal of biological chemistry, 299(1), 102761.

Schweizer S, et al. (2023) Association of Antenatal COVID-19-Related Stress With Postpartum Maternal Mental Health and Negative Affectivity in Infants. JAMA network open, 6(3), e232969.

Lee LH, et al. (2023) Machine learning for accurate estimation of fetal gestational age based on ultrasound images. NPJ digital medicine, 6(1), 36.

Edgar B, et al. (2023) The impact of renal artery stenting on therapeutic aims. Journal of human hypertension, 37(4), 265.

Hussien AA, et al. (2023) The Stiffness-Sensitive Transcriptome of Human Tendon Stromal Cells. Advanced healthcare materials, 12(7), e2101216.

Paoletti F, et al. (2023) Distinct conformational changes occur within the intrinsically unstructured pro-domain of pro-Nerve Growth Factor in the presence of ATP and Mg2. Protein science: a publication of the Protein Society, 32(2), e4563.

Hay IM, et al. (2023) Determinants of receptor tyrosine phosphatase homophilic adhesion: Structural comparison of PTPRK and PTPRM extracellular domains. The Journal of

biological chemistry, 299(1), 102750.

Schaap MJ, et al. (2022) Image-based automated Psoriasis Area Severity Index scoring by Convolutional Neural Networks. Journal of the European Academy of Dermatology and Venereology: JEADV, 36(1), 68.

Wang Y, et al. (2022) Structure of Vibrio collagenase VhaC provides insight into the mechanism of bacterial collagenolysis. Nature communications, 13(1), 566.

de Nola G, et al. (2022) Dimerization of kringle 1 domain from hepatocyte growth factor/scatter factor provides a potent MET receptor agonist. Life science alliance, 5(12).

Bunmahotama W, et al. (2022) Development of a Quasi-Quantitative Structure-Activity Relationship Model for Prediction of the Immobilization Response of Daphnia magna Exposed to Metal-Based Nanomaterials. Environmental toxicology and chemistry, 41(6), 1439.

Daneshjou R, et al. (2022) Disparities in dermatology Al performance on a diverse, curated clinical image set. Science advances, 8(32), eabq6147.

Novichkov PS, et al. (2022) CORAL: A framework for rigorous self-validated data modeling and integrative, reproducible data analysis. GigaScience, 11.

Kumar S, et al. (2022) Amoxicillin impact on pathophysiology induced by short term high salt diet in mice. Scientific reports, 12(1), 19351.

Kumar P, et al. (2022) CORAL: Development of a hybrid descriptor based QSTR model to predict the toxicity of dioxins and dioxin-like compounds with correlation intensity index and consensus modelling. Environmental toxicology and pharmacology, 93, 103893.

Xia P, et al. (2022) Structural basis of cyclic oligoadenylate binding to the transcription factor Csa3 outlines cross talk between type III and type I CRISPR systems. The Journal of biological chemistry, 298(2), 101591.

Jehle S, et al. (2022) A human kinase yeast array for the identification of kinases modulating phosphorylation-dependent protein-protein interactions. Molecular systems biology, 18(3), e10820.