Resource Summary Report

Generated by dkNET on Apr 29, 2025

Align-GVGD

RRID:SCR_010772
Type: Tool

Proper Citation

Align-GVGD (RRID:SCR_010772)

Resource Information

URL: http://agvgd.iarc.fr/index.php

Proper Citation: Align-GVGD (RRID:SCR_010772)

Description: A freely available, web-based program that combines the biophysical characteristics of amino acids and protein multiple sequence alignments to predict where missense substitutions in genes of interest fall in a spectrum from enriched delterious to enriched neutral.

Abbreviations: Align-GVGD

Resource Type: production service resource, data analysis service, analysis service resource, service resource

Funding:

Availability: Free

Resource Name: Align-GVGD

Resource ID: SCR_010772

Alternate IDs: OMICS_00125

Record Creation Time: 20220129T080300+0000

Record Last Update: 20250429T055445+0000

Ratings and Alerts

No rating or validation information has been found for Align-GVGD.

No alerts have been found for Align-GVGD.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 87 mentions in open access literature.

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

Casoli T, et al. (2024) Association of Inflammatory Mediators with Mitochondrial DNA Variants in Geriatric COVID-19 Patients. Aging and disease, 15(6), 2665.

Martínez Duncker I, et al. (2024) Case report: Novel genotype of ALG2-CDG and confirmation of the heptasaccharide glycan (NeuAc-Gal-GlcNAc-Man2-GlcNAc2) as a specific diagnostic biomarker. Frontiers in genetics, 15, 1363558.

Almakhari M, et al. (2024) In-silico identification of deleterious non-synonymous SNPs of TBX1 gene: Functional and structural impact towards 22q11.2DS. PloS one, 19(6), e0298092.

Bensenane R, et al. (2024) Safety of the Breast Cancer Adjuvant Radiotherapy in Ataxia-Telangiectasia Mutated Variant Carriers. Cancers, 16(7).

Madarász K, et al. (2022) Deep Molecular and In Silico Protein Analysis of p53 Alteration in Myelodysplastic Neoplasia and Acute Myeloid Leukemia. Cells, 11(21).

Abdelwahed M, et al. (2022) Autosomal dominant polycystic kidney disease (ADPKD) in Tunisia: From molecular genetics to the development of prognostic tools. Gene, 817, 146174.

Wolf J, et al. (2022) Final efficacy and safety data, and exploratory molecular profiling from the phase III ALUR study of alectinib versus chemotherapy in crizotinib-pretreated ALK-positive non-small-cell lung cancer. ESMO open, 7(1), 100333.

Clark KA, et al. (2022) Comprehensive evaluation and efficient classification of BRCA1 RING domain missense substitutions. American journal of human genetics, 109(6), 1153.

Montenegro LR, et al. (2021) Performance of mutation pathogenicity prediction tools on missense variants associated with 46,XY differences of sex development. Clinics (Sao Paulo, Brazil), 76, e2052.

Castells-Roca L, et al. (2021) Clinical consequences of BRCA2 hypomorphism. NPJ breast

cancer, 7(1), 117.

Lesueur F, et al. (2021) TUMOSPEC: A Nation-Wide Study of Hereditary Breast and Ovarian Cancer Families with a Predicted Pathogenic Variant Identified through Multigene Panel Testing. Cancers, 13(15).

Özkan S, et al. (2021) Towards a New, Endophenotype-Based Strategy for Pathogenicity Prediction in BRCA1 and BRCA2: In Silico Modeling of the Outcome of HDR/SGE Assays for Missense Variants. International journal of molecular sciences, 22(12).

Pellikaan K, et al. (2021) The Diagnostic Journey of a Patient with Prader-Willi-Like Syndrome and a Unique Homozygous SNURF-SNRPN Variant; Bio-Molecular Analysis and Review of the Literature. Genes, 12(6).

Secolin R, et al. (2021) Exploring a Region on Chromosome 8p23.1 Displaying Positive Selection Signals in Brazilian Admixed Populations: Additional Insights Into Predisposition to Obesity and Related Disorders. Frontiers in genetics, 12, 636542.

Solano AR, et al. (2021) Study of the Genetic Variants in BRCA1/2 and Non-BRCA Genes in a Population-Based Cohort of 2155 Breast/Ovary Cancer Patients, Including 443 Triple-Negative Breast Cancer Patients, in Argentina. Cancers, 13(11).

Nagy TR, et al. (2021) Germline and Somatic mutations in postmenopausal breast cancer patients. Clinics (Sao Paulo, Brazil), 76, e2837.

S UK, et al. (2020) Deciphering the Role of Filamin B Calponin-Homology Domain in Causing the Larsen Syndrome, Boomerang Dysplasia, and Atelosteogenesis Type I Spectrum Disorders via a Computational Approach. Molecules (Basel, Switzerland), 25(23).

Agata S, et al. (2020) Segregation analysis of the BRCA2 c.9227G>T variant in multiple families suggests a pathogenic role in breast and ovarian cancer predisposition. Scientific reports, 10(1), 13987.

Fodil M, et al. (2020) In Silico Study of Correlation between Missense Variations of F8 Gene and Inhibitor Formation in Severe Hemophilia A. Turkish journal of haematology : official journal of Turkish Society of Haematology, 37(2), 77.

Biswas K, et al. (2020) A computational model for classification of BRCA2 variants using mouse embryonic stem cell-based functional assays. NPJ genomic medicine, 5(1), 52.