Resource Summary Report

Generated by dkNET on Apr 28, 2025

Osprey

RRID:SCR_003627

Type: Tool

Proper Citation

Osprey (RRID:SCR_003627)

Resource Information

URL: http://osprey.ucalgary.ca/

Proper Citation: Osprey (RRID:SCR_003627)

Description: Oligonucleotide design software that calculates optimal oligonucleotides for a range of tasks: sequence assembly, differential expression, and microarrays (cDNA and spotted oligos).

Abbreviations: Osprey

Synonyms: Osprey: Oligonucleotide Design Software

Resource Type: software resource

Defining Citation: PMID:15456895

Funding:

Availability: Acknowledgement requested, Free for academic use, Commercial licensing

scheme under development

Resource Name: Osprey

Resource ID: SCR_003627

Alternate IDs: OMICS_00832

Record Creation Time: 20220129T080220+0000

Record Last Update: 20250420T014148+0000

Ratings and Alerts

No rating or validation information has been found for Osprey.

No alerts have been found for Osprey.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Reid MA, et al. (2024) Prefrontal metabolite alterations in individuals with posttraumatic stress disorder: a 7T magnetic resonance spectroscopy study. bioRxiv: the preprint server for biology.

Kugler V, et al. (2024) Impact of protein and small molecule interactions on kinase conformations. eLife, 13.

Song Y, et al. (2024) Myo-inositol Levels in the Dorsal Anterior Cingulate Cortex Predicts Anxiety-to-Eat in Anorexia Nervosa. bioRxiv: the preprint server for biology.

Hui SCN, et al. (2024) Integrated Short-TE and Hadamard-edited Multi-Sequence (ISTHMUS) for Advanced MRS. bioRxiv: the preprint server for biology.

Vural G, et al. (2024) Exploring the Effects of Prefrontal Transcranial Direct Current Stimulation on Brain Metabolites: A Concurrent tDCS-MRS Study. Human brain mapping, 45(18), e70097.

Ling E, et al. (2024) A concerted neuron-astrocyte program declines in ageing and schizophrenia. Nature, 627(8004), 604.

Hupfeld KE, et al. (2024) Metabolite T2 relaxation times decrease across the adult lifespan in a large multi-site cohort. bioRxiv: the preprint server for biology.

Davies-Jenkins CW, et al. (2024) Data-driven determination of 1H-MRS basis set composition. bioRxiv: the preprint server for biology.

Wang MY, et al. (2024) The intra-individual reliability of 1 H-MRS measurement in the anterior cinqulate cortex across 1 year. Human brain mapping, 45(1), e26531.

Saleh MG, et al. (2024) GABA and glutamate measurements in temporal cortex of autistic children. Autism research: official journal of the International Society for Autism Research,

17(12), 2558.

Costacurta F, et al. (2024) A comprehensive study of SARS-CoV-2 main protease (Mpro) inhibitor-resistant mutants selected in a VSV-based system. PLoS pathogens, 20(9), e1012522.

Zareh-Khoshchehreh R, et al. (2023) In Silico Analysis of Neutralizing Antibody Epitopes on The Hepatitis C Virus Surface Glycoproteins. Cell journal, 25(1), 62.

Song Y, et al. (2023) Brain Glutathione and GABA+ levels in autistic children. bioRxiv: the preprint server for biology.

Hui SCN, et al. (2023) sLASER and PRESS Perform Similarly at Revealing Metabolite-Age Correlations. bioRxiv: the preprint server for biology.

Guerin N, et al. (2023) Protocol for predicting drug-resistant protein mutations to an ERK2 inhibitor using RESISTOR. STAR protocols, 4(2), 102170.

Demler VF, et al. (2023) Association between increased anterior cingulate glutamate and psychotic-like experiences, but not autistic traits in healthy volunteers. Scientific reports, 13(1), 12792.

Costacurta F, et al. (2023) A comprehensive study of SARS-CoV-2 main protease (Mpro) inhibitor-resistant mutants selected in a VSV-based system. bioRxiv: the preprint server for biology.

Crawford LS, et al. (2023) Function and biochemistry of the dorsolateral prefrontal cortex during placebo analgesia: how the certainty of prior experiences shapes endogenous pain relief. Cerebral cortex (New York, N.Y.: 1991), 33(17), 9822.

Holt GT, et al. (2023) Improved HIV-1 neutralization breadth and potency of V2-apex antibodies by in silico design. Cell reports, 42(7), 112711.

Rostami N, et al. (2022) SARS-CoV-2 spike evolutionary behaviors; simulation of N501Y mutation outcomes in terms of immunogenicity and structural characteristic. Journal of cellular biochemistry, 123(2), 417.