

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

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)., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: Osprey

Synonyms: Osprey: Oligonucleotide Design Software

Resource Type: software resource

Defining Citation: [PMID:15456895](#)

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Osprey

Resource ID: SCR_003627

Alternate IDs: OMICS_00832

Record Creation Time: 20220129T080220+0000

Record Last Update: 20260725T190541+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 47 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Pant R, et al. (2025) Altered visual cortex excitatory/inhibitory ratio following transient congenital visual deprivation in humans. *eLife*, 13.

Wang YR, et al. (2025) Anterior Cingulate Cortex Glutamate Levels and Sensory Integration Are Associated in Individuals With Social Anhedonia: A Comparison Between 3T and 7T MRS. *PsyCh journal*, 14(4), 560.

Saperstein L, et al. (2025) Impact of Concomitant Hormone Therapy on the Diagnostic Performance of 18F-Piflufolastat PET/CT in Prostate Cancer Patients: A Sub-Group Analysis of OSPREY Cohort B. *The Prostate*, 85(11), 1005.

Levenstein JM, et al. (2025) Neurophysiological correlates of modifiable dementia risk factors in cognitively unimpaired older adults. *Cerebral cortex (New York, N.Y. : 1991)*, 35(8).

Shams Z, et al. (2025) Identifying out-of-voxel echoes in edited MRS with phase cycle inversion. *bioRxiv : the preprint server for biology*.

Britton MK, et al. (2025) "Surviving and Thriving": evidence for cortical GABA stabilization in cognitively-intact oldest-old adults. *Translational psychiatry*, 15(1), 79.

Kirkland AE, et al. (2025) The neural and psychophysiological effects of cannabidiol in youth with alcohol use disorder: A randomized controlled clinical trial. *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*, 50(10), 1482.

Steinholtz L, et al. (2025) Alterations in gamma-aminobutyric acid and glutamate neurotransmission linked to intermittent theta-burst stimulation in depression: a sham-controlled study. *Translational psychiatry*, 15(1), 133.

Pratt J, et al. (2025) Intra- and inter-session reliability and repeatability of 1H magnetic resonance spectroscopy for determining total creatine concentrations in multiple brain regions. *Experimental physiology*, 110(3), 464.

Ayyildiz M, et al. (2025) Evaluation of Physics-Based Protein Design Methods for Predicting Single Residue Effects on Peptide Binding Specificities. *Journal of computational chemistry*, 46(17), e70160.

Eftekhari Z, et al. (2025) Reliability and Reproducibility of Metabolite Quantification Using 1H MRS in the Human Brain at 3 T and 7T. *NMR in biomedicine*, 38(8), e70087.

Simegn GL, et al. (2025) Gradient scheme optimization for PRESS-localized edited MRS using weighted pathway suppression. *bioRxiv : the preprint server for biology*.

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

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*.

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

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

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*.

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.

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*.