

Resource Summary Report

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CONTRA

RRID:SCR_010814

Type: Tool

Proper Citation

CONTRA (RRID:SCR_010814)

Resource Information

URL: <http://contra-cnv.sourceforge.net/>

Proper Citation: CONTRA (RRID:SCR_010814)

Description: A tool for copy number variation (CNV) detection for targeted resequencing data such as those from whole-exome capture data.

Abbreviations: CONTRA

Resource Type: software resource

Keywords: bio.tools

Resource Name: CONTRA

Resource ID: SCR_010814

Alternate IDs: OMICS_00331, biotools:contra

Alternate URLs: <https://bio.tools/contra>

Record Creation Time: 20220129T080300+0000

Record Last Update: 20260905T132647+0000

Ratings and Alerts

No rating or validation information has been found for CONTRA.

No alerts have been found for CONTRA.

Data and Source Information

Usage and Citation Metrics

We found 291 mentions in open access literature.

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

Florou-Chatzigiannidou C, et al. (2026) Implementation of a 1021-gene liquid biopsy assay for real-world tumor genomic profiling in oncology practice. *Scientific reports*, 16(1).

Zhang J, et al. (2026) Prognostic and therapeutic roles of specific genotypes through target-gene sequencing on gastroenteropancreatic neuroendocrine carcinoma. *The oncologist*, 31(6).

You T, et al. (2026) Dynamics of Circulating Tumor DNA (ctDNA) Predict Treatment Efficacy and Prognosis in Patients With Advanced Pancreatic Cancer: A Prospective Large-Cohort Study. *MedComm*, 7(7), e70829.

Jones BSCL, et al. (2026) Clonal determinants of organotropism and survival in metastatic uveal melanoma. *NPJ precision oncology*, 10(1), 68.

Huang X, et al. (2026) Alterations in glymphatic system and brain morphology in patients with temporal lobe epilepsy. *BMC medical imaging*, 26(1).

Gou M, et al. (2025) Exploration of the benefits and resistance mechanisms of immunotherapy based on PD-L1 expression, circulating tumor DNA and T-cell receptor profiles in advanced gastric cancer. *Cancer immunology, immunotherapy : CII*, 75(1), 12.

Sina M, et al. (2025) Germline testing of Iranian families suspected of Lynch syndrome: molecular characterization and current surveillance of families with pathogenic variants in MSH2 , MSH6 , and PMS2. *European journal of cancer prevention : the official journal of the European Cancer Prevention Organisation (ECP)*, 34(4), 349.

Zhang J, et al. (2025) Unveiling the role of melatonin-related gene CSNK1D in osteoclastogenesis and its implications for osteoporosis treatment. *Experimental physiology*, 110(2), 261.

Kaiser CS, et al. (2025) Unraveling the functional dynamics of *Caenorhabditis elegans* stress-responsive omega class GST-44. *The FEBS journal*, 292(17), 4675.

Wang C, et al. (2025) Mutational landscape of gastrointestinal stromal tumors using next-generation sequencing of a 73-gene panel. *World journal of surgical oncology*, 23(1), 444.

Jia L, et al. (2025) Updated overall survival data and predictive biomarkers of autologous NK cells plus Sintilimab as second-line treatment for advanced non-small cell lung cancer. *Frontiers in immunology*, 16, 1595382.

Hao Y, et al. (2025) Combination regimens as potential treatment of non-small-cell lung cancer patients with HER2 mutation in the real world: a multicenter study. *Therapeutic advances in medical oncology*, 17, 17588359251338397.

Wen D, et al. (2025) NF- κ B-mediated EAAT3 upregulation in antioxidant defense and ferroptosis sensitivity in lung cancer. *Cell death & disease*, 16(1), 124.

Zhang J, et al. (2025) Investigating the Modulation of Corticomotor and Neuromuscular Function by Contralateral and Ipsilateral Experimental Pain Applied During Cycling. *Scandinavian journal of medicine & science in sports*, 35(9), e70127.

Smith JB, et al. (2025) Neuroanatomical Mapping of Gerbil Corticostriatal and Thalamostriatal Projections Reveals the Parafascicular Nucleus as a Relay for Vestibular Information to the Entire Striatum. *eNeuro*, 12(3).

Evans WR, et al. (2025) Chemogenetic Control of Striatal Astrocytes Improves Parkinsonian Motor Deficits in Mice. *Glia*, 73(6), 1188.

Yang M, et al. (2025) Molecular characterization of EBV-associated primary pulmonary lymphoepithelial carcinoma by multiomics analysis. *BMC cancer*, 25(1), 85.

Mo H, et al. (2025) In vitro evaluation of bidirectional transcription levels of five types of non-coding control regions of Merkel cell polyomavirus. *Virology journal*, 23(1), 28.

Shen Y, et al. (2025) Integrated multi-omics analysis and functional validation uncovers RPL26 roles in regulating growth traits of Asian water buffaloes (*Bubalus bubalis*). *BMC genomics*, 26(1), 456.

Cheng L, et al. (2025) Circulating Tumor DNA Detection for Recurrence Monitoring of Stage I Non-Small Cell Lung Cancer Treated With Microwave Ablation. *Thoracic cancer*, 16(2), e15534.