

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: 20260801T190417+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 283 mentions in open access literature.

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

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.

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

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.

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

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.

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.

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.

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).

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

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

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.

Zheng Q, et al. (2025) The impact of integrated genomic analysis on molecular classifications and prognostic risk stratification in endometrial cancer: a Chinese experience. *Frontiers in oncology*, 15, 1541562.

Chen Y, et al. (2025) Comprehensive characterization of PD-L1 expression and immunotherapy-related genomic biomarkers in early- versus advanced-stage non-small cell lung cancer. *BMC pulmonary medicine*, 25(1), 219.

Agostinelli S, et al. (2025) BreastWatch: A Varian Eclipse script tool for Community-Based automatic evaluation of breast treatment plans. *Journal of applied clinical medical physics*, 26(6), e70080.

Wang C, et al. (2025) Early-stage endometrioid carcinoma with MSH6 protein deficiency: pitfalls in the diagnostic interpretation of microsatellite instability. *Frontiers in oncology*, 15, 1520500.

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.

Zan L, et al. (2025) Genomic landscape and potential therapeutic targets in alpha-fetoprotein-producing gastric cancer. *Gastric cancer : official journal of the International Gastric Cancer Association and the Japanese Gastric Cancer Association*, 28(3), 372.

Bae JW, et al. (2025) Cortical VIP neurons as a critical node for dopamine actions. *Science advances*, 11(1), eadn3221.