

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

CNVPartition

RRID:SCR_010925

Type: Tool

Proper Citation

CNVPartition (RRID:SCR_010925)

Resource Information

URL: http://www.illumina.com/software/illumina_connect.ilmn

Proper Citation: CNVPartition (RRID:SCR_010925)

Description: Software that estimates copy number and annotates regions with copy number variants(CNV).

Abbreviations: CNVPartition

Resource Type: software resource

Resource Name: CNVPartition

Resource ID: SCR_010925

Alternate IDs: OMICS_00716

Record Creation Time: 20220129T080301+0000

Record Last Update: 20260801T190418+0000

Ratings and Alerts

No rating or validation information has been found for CNVPartition.

No alerts have been found for CNVPartition.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 130 mentions in open access literature.

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

Fan KH, et al. (2025) Genome-wide association of tau neuroimaging and plasma biomarkers in adults with Down syndrome. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(7), e70398.

Freitas-Castro F, et al. (2025) SLC25A11, a Novel Gene Associated With Carney-Stratakis Syndrome. *Journal of the Endocrine Society*, 9(5), bvaf052.

Hale EB, et al. (2025) The TECTB-C225Y Variant Causing Autosomal Dominant Deafness in a Nicaraguan Family Enhances Sensitivity to Noise-Induced Hearing Loss in Mice. *medRxiv : the preprint server for health sciences*.

Zhang S, et al. (2025) Preimplantation genetic testing for structural rearrangements by genome-wide SNP genotyping and haplotype analysis: a prospective multicenter clinical study. *EBioMedicine*, 111, 105514.

Kazakou NL, et al. (2025) Metformin alters mitochondria-related metabolism and enhances human oligodendrocyte function. *Nature communications*, 16(1), 8126.

Haake J, et al. (2025) Chromosomal quality control in hPSCs: A practical guide to SNP array analysis with GenomeStudio. *Frontiers in cell and developmental biology*, 13, 1599923.

Khan H, et al. (2024) Biallelic variants identified in 36 Pakistani families and trios with autism spectrum disorder. *Scientific reports*, 14(1), 9230.

Viggiano M, et al. (2024) Genomic analysis of 116 autism families strengthens known risk genes and highlights promising candidates. *NPJ genomic medicine*, 9(1), 21.

Chen Y, et al. (2024) Novel evidence of CNV deletion in KCTD13 related to the severity of isolated hypospadias in Chinese population. *Frontiers in pediatrics*, 12, 1409264.

Dahawi M, et al. (2024) Genetic heterogeneity in familial forms of genetic generalized epilepsy: from mono- to oligogenism. *Human genomics*, 18(1), 130.

Yu K, et al. (2024) Genomic landscape of patients with germline RUNX1 variants and familial platelet disorder with myeloid malignancy. *Blood advances*, 8(2), 497.

Wagstaff LJ, et al. (2024) CRISPR-edited human ES-derived oligodendrocyte progenitor cells improve remyelination in rodents. *Nature communications*, 15(1), 8570.

Chan ER, et al. (2024) Importance of copy number variants in childhood apraxia of speech and other speech sound disorders. *Communications biology*, 7(1), 1273.

De Angeli P, et al. (2024) Splicing defects and CRISPR-Cas9 correction in isogenic homozygous photoreceptor precursors harboring clustered deep-intronic ABCA4 variants. *Molecular therapy. Nucleic acids*, 35(1), 102113.

Wesely J, et al. (2024) A repository of Ogden syndrome patient derived iPSC lines and isogenic pairs by X-chromosome screening and genome-editing. *bioRxiv : the preprint server for biology*.

Jin Y, et al. (2024) Modeling Lewy body disease with SNCA triplication iPSC-derived cortical organoids and identifying therapeutic drugs. *Science advances*, 10(37), eadk3700.

Pommerenke C, et al. (2024) Molecular Characterization and Subtyping of Breast Cancer Cell Lines Provide Novel Insights into Cancer Relevant Genes. *Cells*, 13(4).

Carlisle SG, et al. (2023) Rare Genomic Copy Number Variants Implicate New Candidate Genes for Bicuspid Aortic Valve. *medRxiv : the preprint server for health sciences*.

Xu P, et al. (2023) OGM and WES identifies translocation breakpoints in PKD1 gene in an polycystic kidney patient and healthy baby delivered using PGT. *BMC medical genomics*, 16(1), 285.

Windén KD, et al. (2023) Increased degradation of FMRP contributes to neuronal hyperexcitability in tuberous sclerosis complex. *Cell reports*, 42(8), 112838.