

# CNV Mendelian Precision Report

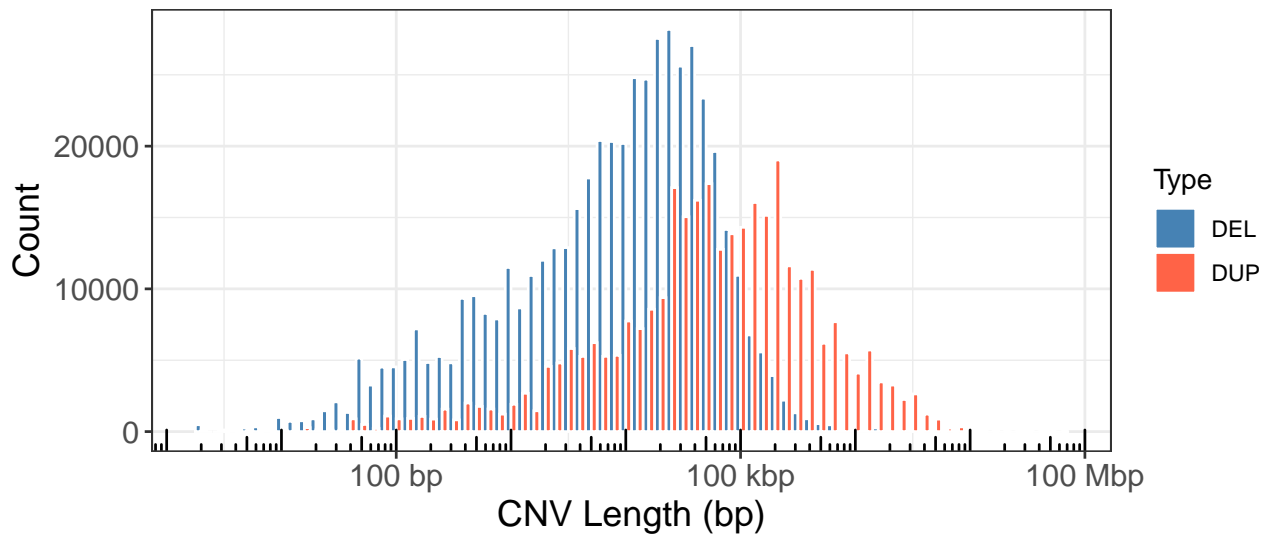
Jacquemont Lab

**Dataset: SPARK\_QuantisNP\_raw**

**Date: 04/08/2025**

**Number of Trios or Children analyzed: 16472**

**CNV Length Distribution Across Samples**



##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	2	4084	21153	128283	69217	70336896

## Distribution of CNVs by Copy Number State

##	0	0,1	0,3	1	1,3	1,4	2	2,3	2,4	3	3,4
##	7597	19	5	493533	107	47	17661	3	1	240545	133
##	4	5									
##	68350	243									

## Summary of CNV Counts per Individual

##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	3.00	18.00	28.00	50.28	59.00	3795.00

Mendelian precision across CNV length bins: assessing dataset quality (proportion of child CNVs observed in parents with  $\geq 50\%$  reciprocal overlap) across multiple metrics.

*Note: bins with fewer than 1000 CNVs were excluded from the analysis.*

