

	Total Validated	Total not Validated	Additionally Validated
GIAB High-Confidence Deletions (HC)	0 (0%)	2348 (100%)	0 (0%)
GIAB HC Validated by Parents (Level 1)	2302 (98.0%)	46 (2.0%)	2302 (98.0%)
GIAB HC Validated by Child (Level 2)	2306 (98.2%)	42 (1.8%)	4 (0.2%)
GIAB HC Validated by Child (Level 3)	2342 (99.7%)	6 (0.3%)	36 (1.5%)

Supplementary figure 6: Three levels of validation with trio analysis. “Total Validated” gives the number of sites validated by that level or any level above. “Total not Validated” gives the number of sites not validated in that level or any level above. “Additionally Validated” gives the number of sites validated by that level, excluding sites validated in levels above.