Table S1 Comparative CNV interpretation between AutoCNV and complete manual interpretation in twenty illustrative case examples

Patient	Chromosome	Start	End	Type	Original Classification	Classification using AutoCNV
Case 2	chr17	41784108	42438203	Duplication	VUS	VUS
Case 4	chr22	18912231	21465672	Duplication	Pathogenic	Pathogenic
Case W	chr5	125989631	126295396	Duplication	Pathogenic	Pathogenic
Case X	chr2	45408934	45976420	Duplication	Benign	Likely benign
Case Z	chr19	18291753	18311626	Duplication	Benign	Benign
Case 1	chr12	27715516	29628080	Deletion	VUS	VUS
Case 3	chr19	43242796	43741310	Deletion	Benign	Benign
Case U	chr9	108597937	111269478	Deletion	Pathogenic	Pathogenic
Case V	chrX	23223505	23660309	Deletion	Pathogenic	Pathogenic
Case Y	chr4	69373811	69491113	Deletion	Benign	Benign
Case A	chr12	12864101	14983330	Deletion	Pathogenic	Pathogenic
Case B	chr11	45904399	46480747	Deletion	Pathogenic	Pathogenic
Case C	chr18	53049652	53134356	Deletion	Pathogenic	Pathogenic
Case D	chr22	40654201	40659533	Deletion	VUS	VUS
Case E	chr15	30507853	30807921	Deletion	Benign	Benign
Case F	chr1	1379519	1435227	Deletion	Likely Benign	Likely benign
Case G	chr13	20812000	21012000	Deletion	Benign	Benign
Case H	chr17	553250	1353250	Deletion	Pathogenic	Pathogenic
Case I	chr22	31645547	32807482	Deletion	Pathogenic	Pathogenic
Case J	chr3	190380498	191783134	Deletion	VUS	VUS