

Noam Shomron
CSO
Company: **Variantx**

Variantx is a clinically accredited diagnostic lab and OEM vendor providing genomic diagnostic solutions that bridge the gap between scientific advancements and their implementation in the clinic. Our Genomic Intelligence® platform, combined with our clinical accreditation and the economy of a “labless” lab (achieved by outsourcing commoditized sequencing to low cost providers), enables us to uniquely deliver market changing, high complexity clinical genomic tests and OEM solutions in radically different ways.

Our disruptive and innovative technology utilizes whole genome sequencing (WGS). In a single sequenced DNA sample our algorithms identify and annotate small sequence changes, structural variants, tandem repeats and mitochondrial variants. Offered as our Variantx Unity™ test to clinicians, the all-in-one genomic test for rare inherited disorders delivers high diagnostic yield, fast turnaround and significant cost savings.

Our OEM solutions enable hospitals and labs, with minimal investment, to generate significant, high-margin revenue by insourcing tests that are currently referred to external labs. Customers are able to quickly launch new genomic tests with minimal R&D and certification effort using our full solution stack which includes assay design, validation, medicolegal framework and automation integration.