

Understanding Your VUS Chromosomal Microarray Test Result

INFORMATION FOR PATIENTS WITH ONE OR MORE COPY NUMBER VARIATIONS OF UNCERTAIN SIGNIFICANCE (VUS)

Chromosomes and Genes	Chromosomes are packages of DNA. They are made up of genes that provide instructions for how our bodies develop. Almost everyone has two copies of each chromosome, one from each parent. Variants (changes) in our genes or chromosomes can cause genetic conditions. These changes may be passed down in families or be brand new for the person who has a genetic condition. Even if there is no history of the specific condition in your family, it can still be caused by a change in a person's genes or chromosomes.
SNP Array	Single nucleotide polymorphism microarray (SNP Array) testing is a specific type of genetic test used to find changes in a person's chromosomes. These changes are called copy number variations (or CNVs). CNVs are changes that involve extra ("gain") or missing ("loss") of a person's chromosomes. SNP Array testing is not designed to find all types of genetic changes in a person's DNA, only CNVs.
Result	The SNP Array testing found one or more CNVs classified as a variant of uncertain significance (VUS). A VUS is a change in a chromosome or gene that may or may not cause a genetic condition. It is classified as uncertain because there is not enough information currently available about the CNV to know if it causes a genetic condition or not.
Diagnosis	This testing does not change the diagnosis for the person who was tested. If you/your family member have been diagnosed with a specific condition, that remains the same.
Further Testing	Talk with your healthcare provider to learn more about whether you or your family member might have other genetic test results still pending or need additional genetic testing.
Management Options	Management options vary by condition and other factors. Talk to your healthcare provider about which treatment options may be helpful.
Reclassification	Collecting information about a VUS is an ongoing process. It is possible that your result may be better understood in the future. The healthcare provider that ordered your test will be notified if new information becomes available about your VUS.

Please discuss this information with your healthcare provider. The field of genetics is continuously changing, so updates related to your genetic testing result, medical recommendations, and/or potential treatments may be available over time. This information is not meant to replace a discussion with a healthcare provider, and should not be considered or interpreted as medical advice.