

Understanding Your VUS AutismNext Genetic Test Result

INFORMATION FOR PATIENTS WITH **ONE OR MORE VARIANTS OF UNCERTAIN SIGNIFICANCE**

Result	<p>The genetic testing done for you or your family member shows one or more variants of uncertain significance (VUS) in one or more genes that cause autism spectrum disorder (ASD). A VUS is a change in a gene that may or may not cause ASD. It is classified as uncertain because there is not enough information currently available about the variant to know if the variant causes ASD or not.</p>
Genes and Inheritance	<p>Genes are instructions for how our bodies work and develop. Everyone has two copies of each gene, one from each parent. Changes in certain genes can cause ASD and may be passed down in families or be brand new in the person who has an ASD. Even if there is no history of ASD in your family, it can still be caused by a change in a gene. Also, some ASDs are not caused by changes in a gene.</p>
Diagnosis	<p>This testing does not change your/your family member's diagnosis of an ASD. If you or your family member has been diagnosed with an ASD, that remains the same.</p>
Family Members	<p>Your report will indicate if testing family members may help us learn more about your specific VUS. Please speak with your healthcare provider to determine if they might also benefit from a test to evaluate their personal risk of developing a disease. It is recommended that you share this information with your family members so they can learn more and discuss with their healthcare providers.</p>
Management Options	<p>Treatment options can include: medication, speech/language therapy, occupational therapy, physical therapy, behavioral intervention, educational support/assistance, and family counseling and support. Talk to your healthcare provider about which treatment options may be helpful for you or your family member.</p>
Reclassification	<p>Collecting information about a VUS is an ongoing process, so 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.</p>
Resources	<ul style="list-style-type: none"> • Autism Society autism-society.org • Autism Speaks autismspeaks.org • National Autism Association nationalautismassociation.org • Talk About Curing Autism tacanow.org • National Society of Genetic Counselors nsgc.org • Canadian Association of Genetic Counsellors cagc-accg.ca

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 taken as medical advice.