

## Understanding Your VUS AutismNext Genetic Test Result

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

Result	<b>VUS</b>	The testing for your family member shows one or more variants of unknown significance (VUS) in genes that cause autism spectrum disorders (ASDs). A VUS is a gene change, but there is not enough information available to know if it causes ASDs or not.
Reclassification	<b>POSSIBLE</b>	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.
Gene	<b>DEFINITION</b>	Genes are instructions for how our bodies work and develop. Everyone has two copies of each gene, one from each parent. Mutations (changes in the gene, like spelling mistakes) in certain genes are known to cause ASDs.
Diagnosis	<b>NO CHANGE</b>	This testing does not change your family member's diagnosis of an ASD. If your family member has been diagnosed with an ASD, that remains the same.
Further Testing	<b>DISCUSS</b>	More genetic testing may be right for your family member. Please talk about this with your doctor or genetic counselor.
Management Options	<b>FOR PEOPLE WITH ASDS</b>	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 doctor about which may be right for your family member.
Next Steps	<b>DISCUSS</b>	Please share this information with family members so they can talk with their healthcare provider and learn more.
Reach Out	<b>RESOURCES</b>	<ul style="list-style-type: none"> <li>• Ambry's Neurology Site for Families <a href="https://patients.ambrygen.com/neurology">patients.ambrygen.com/neurology</a></li> <li>• Autism Speaks <a href="https://autismspeaks.org">autismspeaks.org</a></li> <li>• Talk About Curing Autism <a href="https://tacanow.org">tacanow.org</a></li> <li>• Autism Society <a href="https://autism-society.org">autism-society.org</a></li> <li>• National Autism Association <a href="https://nationalautismassociation.org">nationalautismassociation.org</a></li> <li>• National Society of Genetic Counselors <a href="https://nsgc.org">nsgc.org</a></li> <li>• Canadian Association of Genetic Counsellors <a href="https://cagc-accg.ca">cagc-accg.ca</a></li> </ul>

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.