

## Understanding Your VUS Epilepsy Genetic Test Result

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

Result	<b>VUS</b>	The testing for you/your family member found one or more variants of unknown significance (VUS) in a gene(s) that causes epilepsy. A VUS is a gene change, but there is not enough information available about this change to know if it causes epilepsy or not.
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 epilepsy.
Diagnosis	<b>NO CHANGE</b>	This testing does not change your/your family member's epilepsy diagnosis. If you or your family member have been diagnosed with epilepsy, that remains the same.
Further Testing	<b>DISCUSS</b>	More genetic testing may be right for you or your family members. Please talk about this with your healthcare provider.
Management Options	<b>FOR PATIENTS WITH EPILEPSY</b>	Medical management options can include: medication, specific diet, surgery, or avoiding certain situations that can bring on seizures. Talk to your healthcare provider about which option(s) may be right for you/your family member.
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.
Next Steps	<b>DISCUSS</b>	Please share this information with your family members so they can talk with their healthcare provider to learn more.
Reach Out	<b>RESOURCES</b>	<ul style="list-style-type: none"> <li>▪ American Epilepsy Society <a href="http://aesnet.org">aesnet.org</a></li> <li>▪ Citizens United for Research in Epilepsy <a href="http://cureepilepsy.org">cureepilepsy.org</a></li> <li>▪ Epilepsy Foundation <a href="http://epilepsy.com">epilepsy.com</a></li> <li>▪ National Society of Genetic Counselors <a href="http://nsgc.org">nsgc.org</a></li> <li>▪ Canadian Association of Genetic Counsellors <a href="http://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 epilepsy 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.