Ambry Genetics®

Understanding Your VUS Familial Hemiplegic Migraine (FHM) Genetic Test Result

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

Result	VUS	The testing for you/your family member shows one or more variants of unknown significance (VUS) in genes that causes familial hemiplegic migraine (FHM). A VUS is a gene change, but there is not enough information available about this change to know if it causes FHM.
Reclassification	POSSIBLE	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	DEFINITION	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 FHM.
Diagnosis	NO CHANGE	This testing does not change your/your family member's current diagnosis. The diagnosis provided by your/your family member's healthcare provider based on symptoms remains the same.
Family Members	POSSIBLE TESTING	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.
Management Options	FOR PATIENTS WITH FHM	Treatment options can include medication or avoiding certain situations that can provoke symptoms. Talk to your healthcare provider about which may be right for you/your family member.
Next Steps	DISCUSS	Please share this information with family members so they can talk with their healthcare providers and learn more.
Reach Out	RESOURCES	Ambry's Neurology Site for Families patients.ambrygen.com/neurology American Migraine Foundation americanmigrainefoundation.org National Society of Genetic Counselors nsgc.org Canadian Association of Genetic Counselors 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.

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