

Understanding Your Positive *LZTR1* Genetic Test Result

INFORMATION FOR PATIENTS WITH A **PATHOGENIC MUTATION OR VARIANT, LIKELY PATHOGENIC**

5 Things To Know

1	<i>LZTR1</i> mutation	Your testing shows that you have a pathogenic mutation or a variant that is likely pathogenic in the <i>LZTR1</i> gene.
2	Non-cancerous tumor risks	You may have an increased chance to develop non-cancerous tumors called schwannomas. For individuals with no family history of schwannomas, this risk may be less than 1%. It is important to discuss your specific situation with your doctor to learn about your risks.
3	What you can do	Risk management decisions are very personal. There are options to detect tumors early. It is important to discuss these options with your doctor and decide on a plan that works for you.
4	Other medical concerns	Individuals with <i>LZTR1</i> mutations may have an increased risk to have a child with an autosomal recessive form of Noonan syndrome, but only if their partner also carries a mutation in the <i>LZTR1</i> gene. Noonan syndrome is a multisystem disorder that can cause specific physical characteristics and heart conditions.
5	Family	Family members may also be at risk – they can be tested for the <i>LZTR1</i> mutation that was found in you. It is recommended that you share this information with family members so they can learn more and discuss this with their healthcare providers.

LZTR1 Mutations in the Family

There is a 50/50 random chance to pass on an *LZTR1* mutation to your sons and daughters. The image to the right shows that both men and women can carry and pass on these mutations.

Please discuss this information with your healthcare provider. The cancer genetics field is continuously evolving, so updates related to your *LZTR1* 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.



Reach Out	RESOURCES	<ul style="list-style-type: none"> American Cancer Society cancer.org Genetic Information Nondiscrimination Act (GINA) ginahelp.org National Society of Genetic Counselors nsgc.org Canadian Society of Genetic Counsellors cagc-accg.ca
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