

Understanding Your Positive *LZTR1* Genetic Test Result

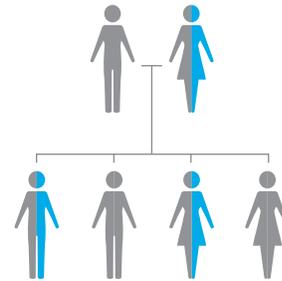
INFORMATION FOR PATIENTS WITH A PATHOGENIC OR LIKELY PATHOGENIC VARIANT

5 Things To Know

1	Result	Your testing shows that you have a pathogenic or likely pathogenic variant 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 people with no family history of schwannomas, this risk may be less than 1%. It is important to discuss your specific situation with your healthcare provider 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 healthcare provider and decide on a plan that works for you.
4	Other medical concerns	People with pathogenic or likely pathogenic <i>LZTR1</i> variants 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 pathogenic or likely pathogenic variant 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 pathogenic or likely pathogenic <i>LZTR1</i> variant 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 in the Family

There is a 50/50 random chance to pass on a pathogenic or likely pathogenic *LZTR1* variant to each of your children.



■ Has a pathogenic or likely pathogenic *LZTR1* variant ■ No pathogenic or likely pathogenic *LZTR1* variant

RESOURCES

- American Cancer Society [cancer.org](https://www.cancer.org)
- National Society of Genetic Counselors [nsgc.org](https://www.nsgc.org)
- Canadian Society of Genetic Counsellors [cagc-accg.ca](https://www.cagc-accg.ca)

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.