

Understanding Your Positive *CDKN1B* Genetic Test Result

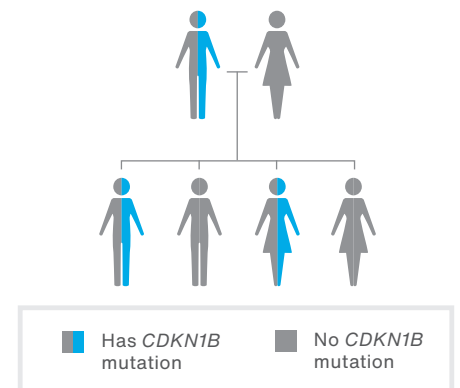
INFORMATION FOR PATIENTS WITH A PATHOGENIC MUTATION OR VARIANT, LIKELY PATHOGENIC

5 Things To Know

1	<i>CDKN1B</i> mutation	Your testing shows that you have a pathogenic mutation or a variant that is likely pathogenic in the <i>CDKN1B</i> gene.
2	Multiple endocrine neoplasia type 4	People with <i>CDKN1B</i> mutations have multiple endocrine neoplasia type 4 (MEN4).
3	Non-cancerous tumor and cancer risks	You have an increased risk for tumors. Cancerous and non-cancerous tumor types can occur in the following areas: <ul style="list-style-type: none"> Parathyroid (four glands in your neck, behind your thyroid) Pituitary (gland in the brain) Neuroendocrine system (tumors in cells that produce hormones)
4	What you can do	Risk management decisions are very personal. There are options to detect cancer early or lower the risk to develop cancer. It is important to discuss these options with your healthcare provider and decide on a plan that works for you.
5	Family	Family members may also be at risk – they can be tested for the <i>CDKN1B</i> mutation that was identified in you. It is recommended that you share this information with your family members so they can learn more and discuss with their healthcare providers.

CDKN1B Mutations in the Family

There is a 50/50 random chance to pass on a genetic mutation in *CDKN1B* to your sons and daughters. The image to the right shows that both men and women can carry and pass on these mutations.



Reach Out	RESOURCES	<ul style="list-style-type: none"> American Brain Tumor Association abta.org American Cancer Society cancer.org International Neuroendocrine Cancer Alliance incalliance.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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Please discuss this information with your healthcare provider. The cancer genetics field is continuously evolving, so updates related to your *CDKN1B* 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.