

Understanding Your Positive *HOXB13* Genetic Test Result

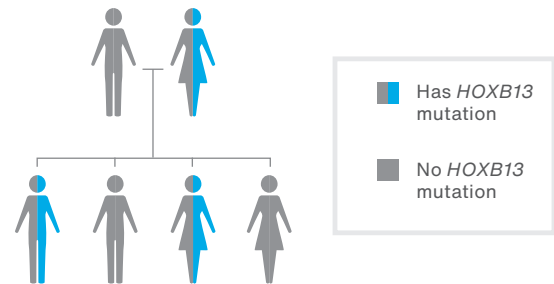
INFORMATION FOR PATIENTS WITH A PATHOGENIC MUTATION OR VARIANT, LIKELY PATHOGENIC

4 Things To Know

1	<i>HOXB13</i> mutation	Your testing shows that you have a pathogenic mutation or a variant that is likely pathogenic in the <i>HOXB13</i> gene.
2	Cancer risks	Males with a pathogenic mutation or a variant that is likely pathogenic in this gene have an increased chance to develop prostate cancer.
3	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 doctor and decide on a plan that works for you.
4	Family	Family members may also be at risk – they can be tested for the <i>HOXB13</i> likely pathogenic variant 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.

HOXB13 Mutations in the Family

There is a 50/50 random chance to pass on an *HOXB13* mutation 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"> • Ambry’s hereditary cancer site for families patients.ambrygen.com/cancer • Us TOO International Prostate Cancer Education & Support Network ustoo.com • 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 *HOXB13* 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.