

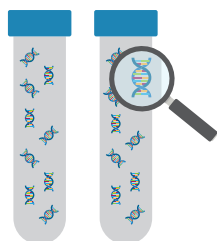
XpanDED[®] HereditaryCancer

XPAND YOUR KNOWLEDGE



XpanDED HereditaryCancer provides the next tier of hereditary cancer testing when traditional cancer panel testing has come back negative.

XpanDED HereditaryCancer offers a comprehensive and dynamic gene list of **600 genes**, utilizing the breadth and flexibility of exome testing.



Exome sequencing can increase the yield of genetic testing in a hereditary cancer setting compared to a multi-gene cancer panel.¹

GeneDx is uniquely poised to offer this test based on our experience, expertise, and reputation for excellence and innovation in exome testing.

TEST TECHNOLOGY AND REPORTING STRATEGY

Variant analysis and reporting assess genes beyond those known to be associated with the patient's presentation, providing you with more information than a traditional exome test.

- Average coverage of all genes on this panel is **greater than 99% at 10X** minimum depth. Most deletions and duplications involving three or more coding exons will be detected.
- The reporting of variants is stratified by degree of evidence linking the gene to germline cancer risk:

CLINICAL CANCER GENES

well defined genes that contribute to hereditary cancers within a family

LIMITED EVIDENCE GENES*

genes with some evidence of association with cancer or tumor risk

CANDIDATE GENES*

genes potentially related to a cancer process

*Certain variants will be selected for full interpretation within the main body of the report based on molecular effect and/or consistent with the patient's presentation; other variants within these categories will be listed in an optional addendum as unclassified variants.



When should XpanDED HereditaryCancer be considered?

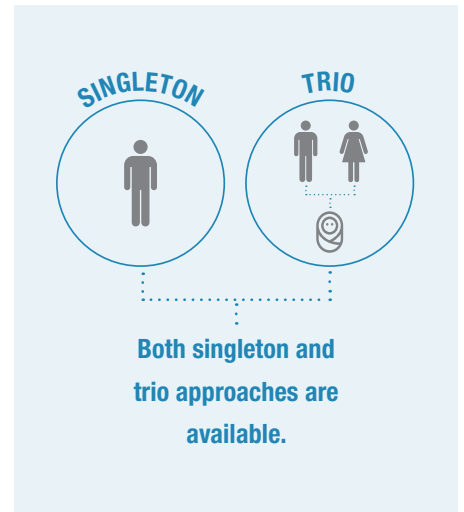
XpanDED HereditaryCancer should be considered when traditional cancer panels did not provide an answer and there is:

- High suspicion for an underlying genetic cause for cancer
- Extensive or unusual history of cancer

Sample Submission

- **Accepted Samples:** Blood, DNA, fibroblasts, and buccal. GeneDx test kits are available to ordering providers
- **TAT:** Six weeks
- **Billing Options:** Xpanded HereditaryCancer is offered as a self-pay or institutional bill test
- **Pricing:** A reduced self-pay price is available for patients who have their initial hereditary cancer panel testing with GeneDx

For more information on the sample submission process, pricing, or to place an order for shipping kits, please visit our website: genedx.com/supplies or email us at zebras@genedx.com.



Let Our Experts Help You

Our team includes genetic counselors and MD/PhD scientists with extensive clinical and laboratory experience in both cancer genetics and exome testing. **We go the Xtra mile to reveal the unknown.**



Our team is here to assist you!
1-888-729-1206 • zebras@genedx.com



Providers should only order panels if medically necessary. GeneDx offer a wide range of tests for Hereditary Cancer screening. Please visit www.genedx.com to learn more.

References

1. Foley SB et al. Use of Whole Genome Sequencing for Diagnosis and Discovery in the Cancer Genetics Clinic. E Bio Medicine. 2(1):74-81 (2015).