

Celebrating One Year of In Our DNA SC

In Our DNA SC is a community health research project, in partnership with Helix, that aims to analyze DNA from South Carolina residents to identify actionable hereditary health risks.

Residents 18 years + can sign up and consent online, submit a saliva sample for testing, and receive personalized genetic insights.

In Our DNA SC

Screens Genes for Tier 1 Conditions

Tier 1 is defined by the CDC as “having significant potential for positive impact on public health through available evidence-based guidelines and recommendations.”

Hereditary Breast & Ovarian Cancer	Hereditary Colon Cancer (Lynch Syndrome)	Familial Hypercholesterolemia
BRCA1 BRCA2	EPCAM MLH1 MSH2 MSH6 PMS2	LDLR APOB PCSK9 LDLRAP1

In Our DNA SC by the Numbers

54,898

Invited

16,241

Enrolled

6,984

Samples Collected

Community Outreach and Engagement

- Hosted over **100 events**
- Partner with community organizations
- Over 1,000 individuals have been enrolled at a community event
- 11-member community advisory board focused on ensuring participants represent South Carolina

Next Steps and Future Enhancements

- Sample collection will be offered at select MUSC lab locations
- Blood and saliva sample collection offered
- Increased community presence through partnerships with clinical affiliates and community advisory board
- Pharmacogenomic capabilities
- Research opportunities launched in partnership with Helix Research Network



Learn more at InOurDNASC.org

