

Understanding Your Negative AutismNext Genetic Test Result

INFORMATION FOR PATIENTS

Result	NEGATIVE	This testing done for you/your family member did not find any pathogenic mutations (disease-causing changes in the gene, like a spelling mistake) that cause an autism spectrum disorder (ASD). You/your family member may have a mutation in a gene not included in this test. Also, some ASDs are not caused by gene changes.
Gene	DEFINITIONS	Genes are instructions for how our bodies work and develop. Everyone has two copies of each gene, one from each parent. Mutations in certain genes can cause ASDs. These mutations may be passed down in families or be brand new for the person with an ASD. Even if there is no one else with an ASD in your family, it can still be caused by a change in a gene.
Diagnosis	NO CHANGE	This testing does not change you/your family member's diagnosis of an ASD. If you/your family member has been diagnosed with an ASD, that remains the same.
Further Testing	DISCUSS	More genetic testing may be right for you/your family member. Please talk about this with your healthcare provider.
Management Options	FOR PEOPLE WITH ASD	Treatment options can include: medication, speech/language therapy, occupational therapy, physical therapy, behavioral intervention, educational support/assistance, and family counseling and support. Talk to your healthcare provider about which may be right for you/your family member.
Next Steps	DISCUSS	Even though no gene mutations were found from testing, there may still be a gene change causing the ASD in you/your family member. Please share this information with family members so they can discuss with their healthcare provider and learn more.
Reach Out	RESOURCES	Ambry's Neurology Site for Families ambrygen.com/patients/neurology Autism Speaks autismspeaks.org Talk About Curing Autism tacanow.org Autism Society autism-society.org National Autism Association nationalautismassociation.org National Society of Genetic Counselors nsgc.org Canadian Association of Genetic Counsellors cagc-accg.ca

Please discuss this information with your healthcare provider. The field of genetics is continuously changing, so updates related to your genetic testing 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.