

Laboratory Service Report

1-800-533-1710

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Patient Name TESTINGRNV,SOSK NEG	Patient ID SA00064126	Age 13	Gender U	Order # SA00064126
Ordering Phys CLIENT,CLIENT		·	·	DOB 03/11/2000
Client Order # SA00064126	Account Information			Report Notes
Collected 11/05/2013 12:00	C7028846-DLMP Rochester SDSC 2 - Client Support			
Printed 11/26/2013 13:02	Rochester, MN 55901			

Test Flag Results Unit Value Site*

SOS1 Gene, Known Mutation, B

RECEIVED: 11/06/2013 09:18 **REPORTED:** 11/07/2013 08:49

SOS1 Gene, Known Mutation

SOS1 Known Mutation Result

The SOS1 Exon 10, nucleotide c.1300G>C, amino acid p.Gly434Arg (p.G434R) familial variant was not detected in this individual.

SOS1 Known Mut Interpretation

The SOS1 p.Gly434Arg (p.G434R) variant was previously identified in a family member with features of Noonan syndrome. Since this variant was not detected in this individual, this suggests that this patient is at no greater risk than someone in the general population for having Noonan syndrome.

Fluorescent DNA sequence analysis was used to test for the presence of a specific sequence change in the SOS1 gene (GenBank accession number NM_005633.3), which was previously identified in an affected family member of this individual.

A genetic consultation may be of benefit.

CAUTIONS:

Rare polymorphisms exist that could lead to false negative or positive results. If results obtained do not match the clinical findings, additional testing should be considered.

Test results should be interpreted in the context of clinical findings, family history, and other laboratory data. Misinterpretation of results may occur if the information provided is inaccurate or incomplete.

Bone marrow transplants from allogenic donors will interfere with testing. Call Mayo Medical Laboratories for instructions for testing patients who have received a bone marrow transplant.

Laboratory developed test.

Reviewed By See Result:Linnea M. Baudhuin, Ph.D.

See Below

* Performing Site:

MCR Mayo Clinic Laboratories - Rochester Main Campus Lab Director:

Lab Director:

Patient Name TESTINGRNV.SOSK NEG	Collection Date and Time 11/05/2013 12:00	Report Status Final
TESTINGRINV, SOOK NEG	11/03/2013 12.00	rillai
Page 1 of 1		** End of Report **

^{*} Report times for Mayo performed tests are CST/CDT