

Laboratory Service Report

1-800-533-1710

Patient Name TESTINGRNV,SOS1 POS	Patient ID SA00064124	Age 18	Gender F	Order # SA00064124
Ordering Phys CLIENT,CLIENT		•	1	DOB 06/25/1995
Client Order # SA00064124	Account Information			Report Notes
Collected 11/05/2013 12:00	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
Printed 11/26/2013 13:31				

Test Flag Results Unit Value Site*

SOS1, Full Gene Sequence, B

RECEIVED: 11/06/2013 09:18 **REPORTED:** 11/07/2013 09:14

SOS1, Full Gene Sequence

SOS1 Full Gene Result

MCR

A heterozygous pathogenic variant was detected in SOS1: Exon 10, nucleotide c.1300G>C, amino acid p.Gly434Arg (p.G434R).

SOS1 Full Gene Interpretation

MCR

The presence of this SOS1 variant is consistent with the phenotypic features observed in this patient. Appropriate surveillance and management strategies should be considered.

Since a pathogenic variant has been identified in the SOS1 gene in this individual, genetic testing for this specific variant in other family members is recommended. Please contact the laboratory at 1-800-533-1710 or the on-line test catalog at www.mayomedicallaboratories.com for information about how to order the test SOSK (SOS1 Gene, Known Mutation, B). Please refer to family number 1234 when ordering testing on family members of this individual. Fluorescent DNA sequence analysis was used to test for the presence of variants in all coding exons (1-23) and corresponding exon-intron boundaries of the SOS1 gene (GenBank accession number NM_005633.3).

A genetic consultation may be of benefit.

A list of common polymorphisms identified for this patient is available from the lab upon request.

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

Performing Site Legend on Last Page of Report

Patient Name	Collection Date and Time	Report Status
TESTINGRNV,SOS1 POS	11/05/2013 12:00	Final
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^{*} Report times for Mayo performed tests are CST/CDT



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 $\begin{array}{c} \text{marrow transplant.} \\ \text{Laboratory developed test.} \\ \text{Reviewed By} \end{array}$

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:

Patient Name	Collection Date and Time	Report Status
TESTINGRNV,SOS1 POS	11/05/2013 12:00	Final
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