Patient ID	Patient Name		Birth Date	Gender	Age
SA00064195	TESTINGRNV, RAF1		1980-01-21	F	33
Order Number	Client Order Number	Ordering Physician	Report Notes		
SA00064195	SA00064195	Client, Client			
Account Information		Collected			
C7028846 DLMP Rochester		06 Nov 2013 09:55			

RAF1, Full Gene Sequence, B

RAF1, Full Gene Sequence

RAF1 Full Gene Result

MCR

A pathogenic variant was not detected in RAF1.

RAF1 Full Gene Interpretation

MCR

This result does not rule out the diagnosis of Noonan syndrome or other RAF1-associated syndrome. Some individuals with features of Noonan syndrome or other RAF1-associated syndrome and involvement of the RAF1 gene may have a pathogenic variant that is not identified by the described testing methodology. In addition, some individuals with this phenotype may have a pathogenic variant in a gene other than RAF1, including PTPN11, SOS1, and KRAS. If applicable, 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 tests for PT11 (PTPN11, Full Gene Sequence, B), SOS1 (SOS1, Full Gene Sequence, B), and/or KRASB (KRAS, Full Gene Sequence, B).

ADDITIONAL INFORMATION

Fluorescent DNA sequence analysis was used to test for the presence of variants in all coding exons (2–17) and corresponding exon-intron boundaries of the RAF1 gene (GenBank accession number NM_002880.3).

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.

If the patient has had an allogeneic blood or marrow transplant or a recent (i.e. less than 6 weeks from time of sample collection) heterologous blood transfusion these results may be inaccurate due to the presence of donor DNA. Laboratory developed test.

Reviewed By

MCR

Linnea M. Baudhuin, Ph.D.

Received: 07 Nov 2013 12:45 **Reported:** 07 Nov 2013 15:44

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905