Patient ID	Patient Name		Birth Date	Gender	Age
SA00043162	SAMPLEREPORT, PT11		1966-06-10	F	45
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00043162	SA00043162	Client, Client			
Account Information		**Collected**			
C7028846 DLMP Rochester		07 Feb 2012 13:00			

DNA Extraction, NPL

Specimen MCR

Blood

Specimen ID MCR

1037723

Order Date MCR

09 Feb 2012 07:23

Comment MCR

Genomic DNA has been extracted.

Reviewed By MCR

Melody Elizabeth Kimball

Release Date MCR

09 Feb 2012 07:24

Received: 08 Feb 2012 16:02 **Reported:** 09 Feb 2012 07:25

Performing Site Legend

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

Patient ID	Patient Name		Birth Date	Gender	Age
SA00043162	SAMPLEREPORT, PT11		1966-06-10	F	45
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00043162	SA00043162	Client, Client			
Account Information		**Collected**			
C7028846 DLMP Rochester		07 Feb 2012 13:00			

PTPN11, Full Gene Sequence, B

PTPN11, Full Gene Sequence

PTPN11 Full Gene Result

MCR

A mutation was not detected in PTPN11.

PTPN11 Full Gene Interpretation

MCR

This result does not rule out the diagnosis of Noonan syndrome or other PTPN11-associated syndrome. Some individuals with features of Noonan syndrome or other PTPN11-associated syndrome and involvement of the PTPN11 gene may have a mutation that is not identified by the described testing methodology. In addition, some individuals with this phenotype may have a mutation in a gene other than PTPN11, including RAF1, SOS1, and KRAS.

ADDITIONAL INFORMATION

Fluorescent DNA sequence analysis was used to test for the presence of mutations in all coding exons (1–15) and corresponding exon-intron boundaries of the PTPN11 gene (GenBank accession number NM_002834.3).

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

Jamie Bruflat

PTPN11, Full Gene Sequencing

MCR

Performed

Received: 08 Feb 2012 16:02 **Reported:** 08 Feb 2012 16:06

Performing Site Legend

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