## **Clinical Variant Report**

This is not a medical product. Use only for research purposes!

Patient:

Name: Demo patient Birth date: 1972-02-28 Patient

number: 1234
Sex: M

## Sample:

Sample taken: 2019-03-19
Diagnosis: Demo sample
Comments: Demo sample

## **Known Mutations**

Mutations within the following regions are known to have therapeutical consequences.

## Mutations found

KIT (exons 8, 10, 11, RUNX1 (exons 3-8) 17)

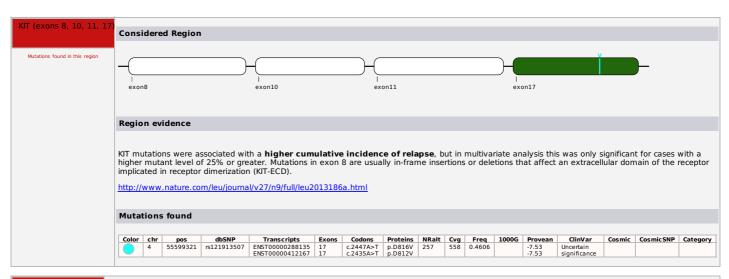
No (relevant) mutations found

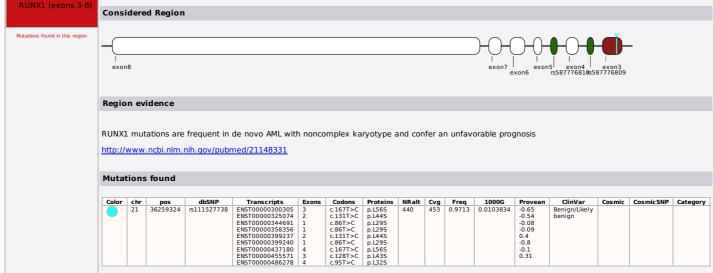
NPM1 (type A)

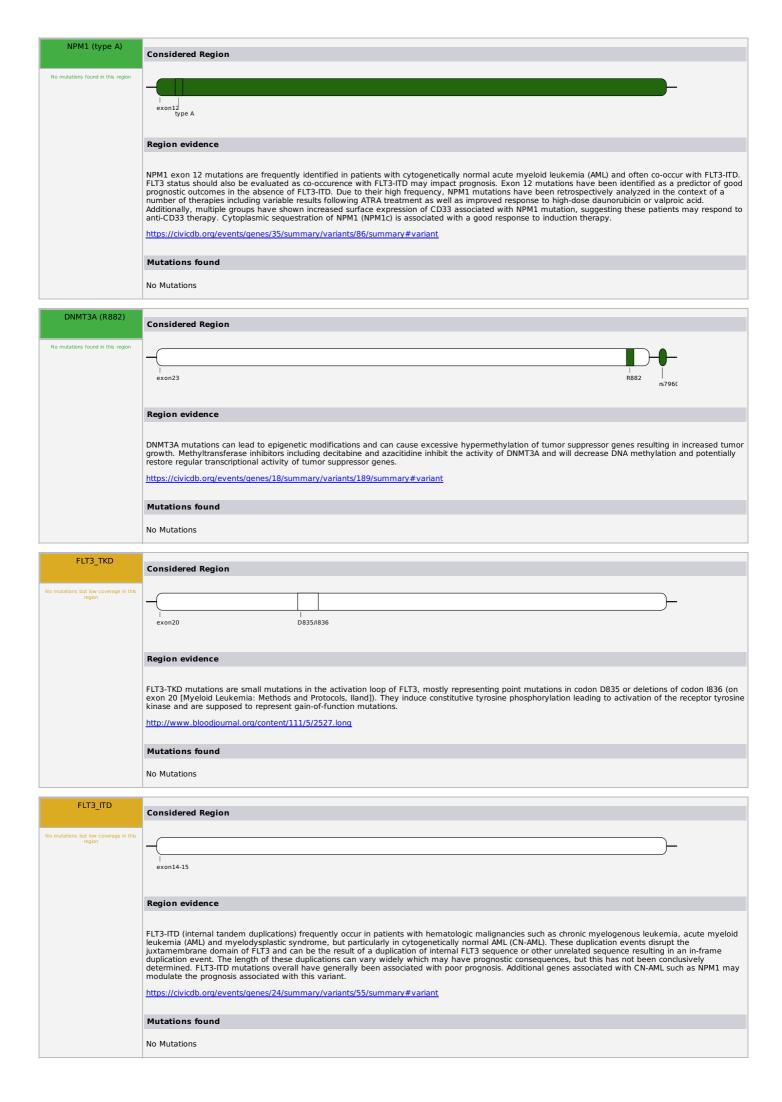
DNMT3A (R882)

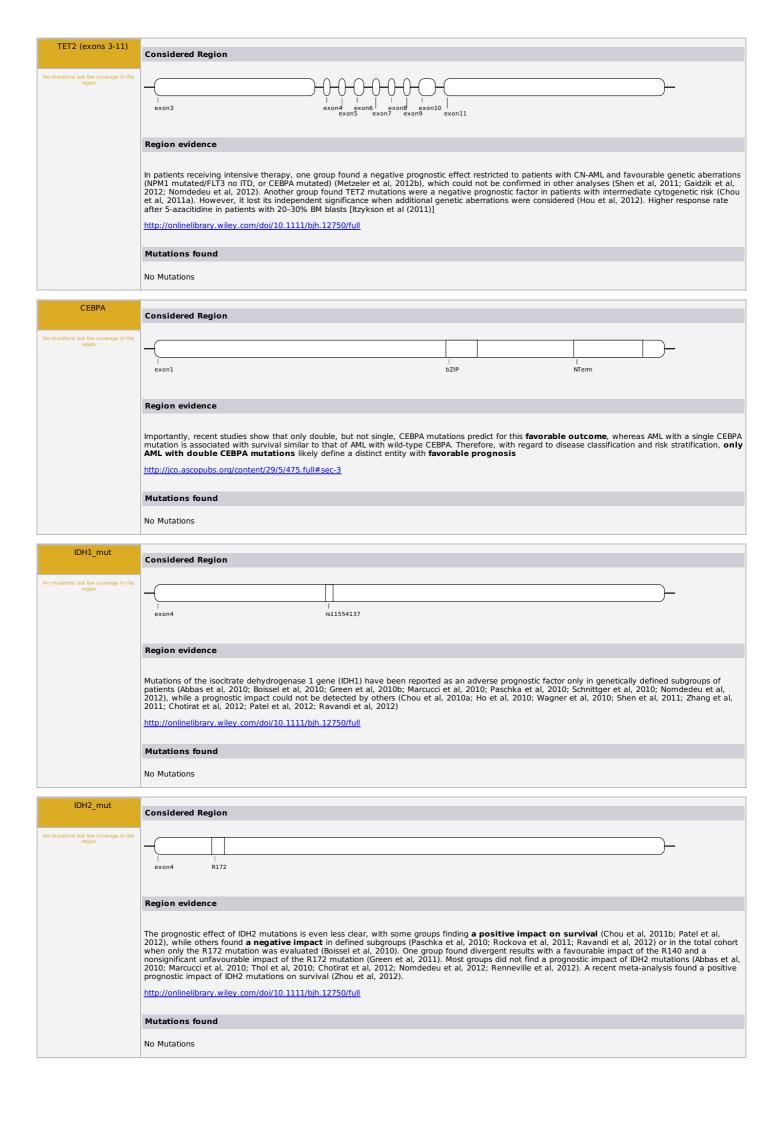
No mutations found, but insufficient coverage

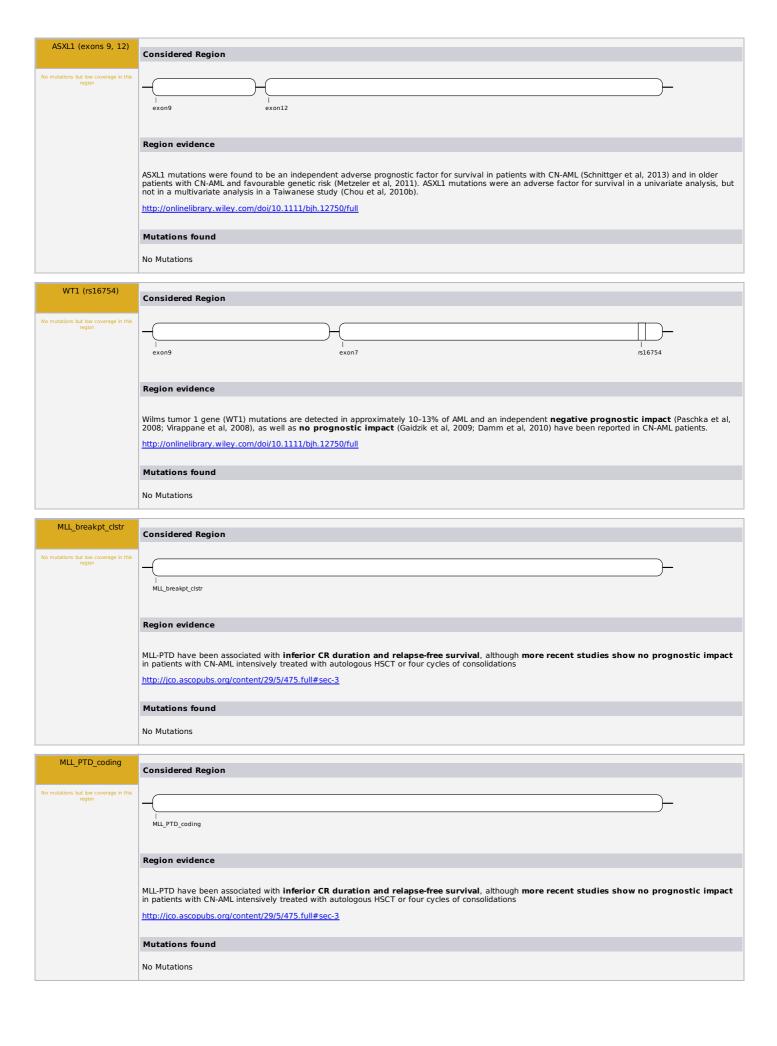
FLT3_TKD	FLT3_ITD	TET2 (exons 3-11)	СЕВРА	IDH1_mut	IDH2_mut
ASXL1 (exons 9, 12)	WT1 (rs16754)	MLL_breakpt_clstr	MLL_PTD_coding	ABL1 (exons 4-6)	JAK1_TKD
JAK2 (Y931)	BTK (exon15)	MYD88_mut	PLCG2 (Ser707Tyr)	PML_muts	SRSF2_c95ex1

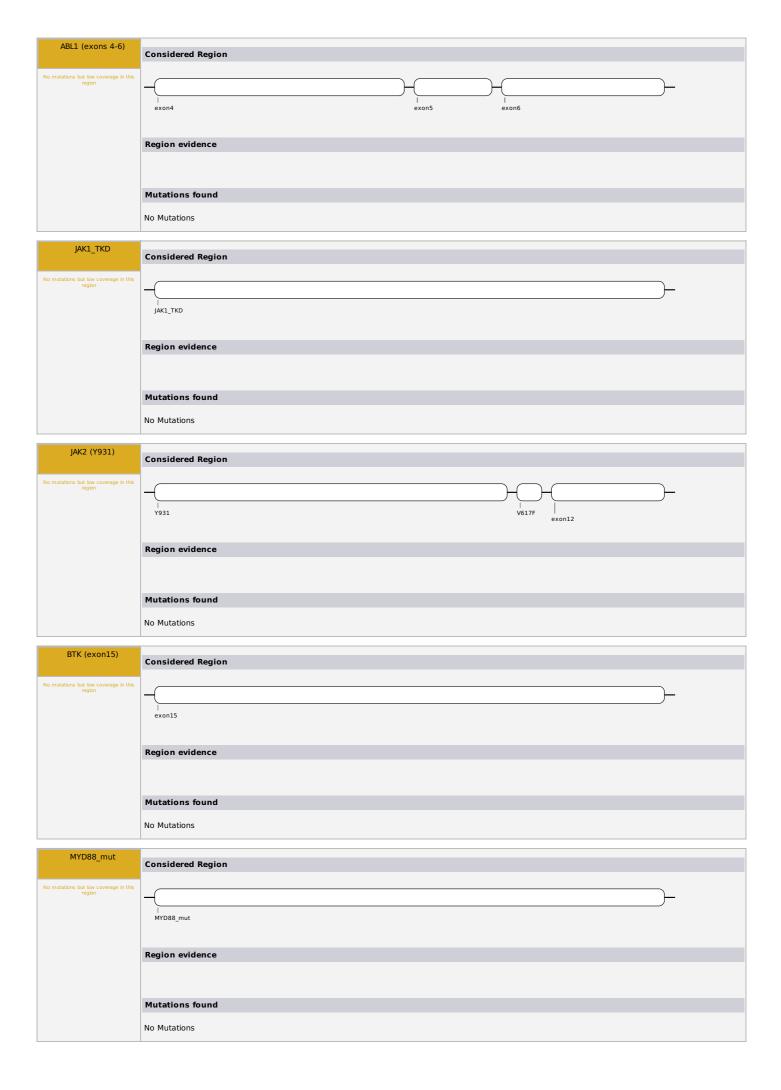












PLCG2 (Ser707Tyr)	Considered Region
No mutations but low coverage in this region	_
	PLCG2 (Ser707Tyr)
	Region evidence
	Mutations found
	No Mutations
PML_muts	Considered Region
No mutations but low coverage in this region	
	   PML_muts
	Region evidence
	Mutations found
	No Mutations
SRSF2_c95ex1	Considered Region
No mutations but low coverage in this region	
	SRSF2_c95ex1
	Region evidence
	Mutations found
	No Mutations
Coverage color-coding	
Full region meets coverage thr	eshold (default: 20 r s)=99% of region meets coverage thress s>=98% coverage >=97% coverage >=96% coverage >=95% coverage >=94% coverage <94% coverage
	Possible interpretation  Intermediate 1 (no NPM1 mutation, no FLT3 ITD)  Source: Modified ELN-Classification
	Source: Acute Myeloid Leukemia Döhner H. Weisdorf DI. Bloomfield CD. N. Engl

Adverse (RUNX1 mutation)

Adverse (c-KIT)

<u>J Med. 2015 Sep 17;373(12):1136-52.</u>

Source: Acute Myeloid Leukemia. Döhner H, Weisdorf DJ, Bloomfield CD. N Engl J Med. 2015 Sep 17;373(12):1136-52.

This sample was sequenced with lab design 0 (Sequencer: Ilumina, Panel: DEMO).
The analysis and report generation was generated on Wed, 20 Mar 19 15:07:10 0100 with AMLVaran configuration version 0.
Detailed information about the processing steps can be obtained from <a href="http://amlvaran.uni-muenster.de/doc/Version0.pdf">http://amlvaran.uni-muenster.de/doc/Version0.pdf</a>.