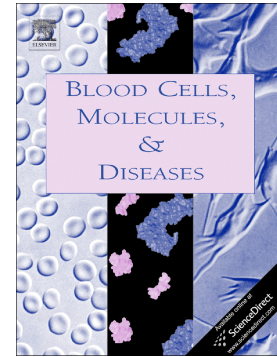


Accepted Manuscript

The JAK2V617F mutation in normal individuals takes place in differentiating cells

Krichevsky Svetlana, Prus Eugenia, Perlman Riki, Fibach Eitan, Ben-Yehuda Dina



PII: S1079-9796(16)30128-0
DOI: doi: [10.1016/j.bcmd.2017.01.001](https://doi.org/10.1016/j.bcmd.2017.01.001)
Reference: YBCMD 2140

To appear in: *Blood Cells, Molecules and Diseases*

Received date: 4 September 2016
Revised date: 5 January 2017
Accepted date: 5 January 2017

Please cite this article as: Krichevsky Svetlana, Prus Eugenia, Perlman Riki, Fibach Eitan, Ben-Yehuda Dina , The JAK2V617F mutation in normal individuals takes place in differentiating cells. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ybcmd(2017), doi: [10.1016/j.bcmd.2017.01.001](https://doi.org/10.1016/j.bcmd.2017.01.001)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

The *JAK2V617F* mutation in normal individuals takes place in differentiating cells

Krichevsky Svetlana, Prus Eugenia, Perlman Riki, Fibach Eitan, Ben-Yehuda Dina

Division of Hematology, Hadassah – Hebrew University Medical Center, Jerusalem, Israel

Running title: *JAK2V617F* mutations in normal differentiating cells

Title for the running head: The *JAK2V617F* mutation in normal individuals

Text word count: 3527

Abstract word count: 201

Number of figures: 3

Number of tables: 0

Number of references: 54

Supplementary materials: Number of figures -6, number of tables - 3

Scientific category: Myeloid neoplasms.

Corresponding author: Prof. Fibach Eitan, Ph.D. Division of Hematology, Hadassah – Hebrew University Medical Center, Jerusalem 91120, Israel, Tel: 972-26776751; Fax: 972-26423067; e-mail: Fibach@yahoo.com.

Abbreviations

AS-PCR, allele specific PCR; AS-RQ-PCR, allele-specific real-time PCR; digital PCR techniques (ddPCR); ARMS, amplification refractory mutation system; Δ Ct, delta threshold cycle; Ct, threshold cycle; EPO, erythropoietin; HSC, hematopoietic stem cell; FCS, fetal calf serum; HMBA, hexamethylene-bis-acetamide; MEM, Minimal Essential Medium; MEL, murine erythroleukemia; MNC, mononuclear cells; MSI, microsatellite instability; MPN, myeloproliferative neoplasm; PB, peripheral blood; PV, polycythemia vera; SE, standard error; Tan, annealing temperature; Jak2, Janus Kinase 2.

Download English Version:

<https://daneshyari.com/en/article/5591477>

Download Persian Version:

<https://daneshyari.com/article/5591477>

[Daneshyari.com](https://daneshyari.com)