

Accepted Manuscript

Inhibition of Human Tyrosinase Requires Molecular Motifs Distinctively Different from Mushroom Tyrosinase

Tobias Mann, Wolfram Gerwat, Jan Batzer, Kerstin Eggers, Cathrin Scherner, Horst Wenck, Franz Stäb, Vincent J. Hearing, Klaus-Heinrich Röhme, Ludger Kolbe

PII: S0022-202X(18)30100-3

DOI: [10.1016/j.jid.2018.01.019](https://doi.org/10.1016/j.jid.2018.01.019)

Reference: JID 1268

To appear in: *The Journal of Investigative Dermatology*

Received Date: 9 December 2017

Revised Date: 3 January 2018

Accepted Date: 15 January 2018

Please cite this article as: Mann T, Gerwat W, Batzer J, Eggers K, Scherner C, Wenck H, Stäb F, Hearing VJ, Röhme K-H, Kolbe L, Inhibition of Human Tyrosinase Requires Molecular Motifs Distinctively Different from Mushroom Tyrosinase, *The Journal of Investigative Dermatology* (2018), doi: 10.1016/j.jid.2018.01.019.

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.



Inhibition of Human Tyrosinase Requires Molecular Motifs Distinctively Different from Mushroom Tyrosinase

Tobias Mann¹, Wolfram Gerwat¹, Jan Batzer¹, Kerstin Eggers¹, Cathrin Scherner¹, Horst Wenck¹, Franz Stäb¹, Vincent J. Hearing³, Klaus-Heinrich Röhm², Ludger Kolbe¹

¹ Front End Innovation, Beiersdorf AG, Hamburg, Germany

² Institute of Physiological Chemistry, Philipps University, Marburg, Germany

³ DASS Manuscript, Haymarket, VA, USA

Corresponding Author: Dr. Ludger Kolbe, Front End Innovation, Beiersdorf AG, Hamburg, Germany; Email: Ludger.Kolbe@Beiersdorf.com; Tel.: +49 40 4909-2826; FAX: +49 40 4909 18 2826

Short Title: Human Tyrosinase Recognizes Unique Binding Motifs

Abbreviations used: Tyr, tyrosinase; hTyr, human tyrosinase; mTyr, mushroom (*Agaricus bisporus*) tyrosinase; HTS, high throughput screen

Download English Version:

<https://daneshyari.com/en/article/8715854>

Download Persian Version:

<https://daneshyari.com/article/8715854>

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