Accepted Manuscript

MicroRNA-203 inversely correlates with differentiation grade, targets c-MYC and functions as a tumor suppressor in cSCC

Warangkana Lohcharoenkal, Masako Harada, Jakob Lovén, Florian Meisgen, Ning Xu Landén, Lingyun Zhang, Jan Lapins, Kunal Das Mahapatra, Hao Shi, Liisa Nissinen, Veli-Matti Kähäri, Mona Ståhle, Enikö Sonkoly, Dan Grander, Marie Arsenian-Henriksson, Andor Pivarcsi

PII: S0022-202X(16)32121-2

DOI: 10.1016/j.jid.2016.06.630

Reference: JID 458

To appear in: *The Journal of Investigative Dermatology*

Received Date: 23 February 2016

Revised Date: 16 June 2016

Accepted Date: 20 June 2016

Please cite this article as: Lohcharoenkal W, Harada M, Lovén J, Meisgen F, Landén NX, Zhang L, Lapins J, Mahapatra KD, Shi H, Nissinen L, Kähäri V-M, Ståhle M, Sonkoly E, Grander D, Arsenian-Henriksson M, Pivarcsi A, MicroRNA-203 inversely correlates with differentiation grade, targets c-MYC and functions as a tumor suppressor in cSCC, *The Journal of Investigative Dermatology* (2016), doi: 10.1016/j.jid.2016.06.630.

MicroRNA-203 inversely correlates with differentiation grade, targets c-MYC and functions as a tumor suppressor in cSCC

Warangkana Lohcharoenkal[1], Masako Harada[3], Jakob Lovén[4,7], Florian Meisgen[1], Ning Xu Landén[1], Lingyun Zhang[1], Jan Lapins[2], Kunal Das Mahapatra[1], Hao Shi[1], Liisa Nissinen[5,6], Veli-Matti Kähäri[5,6], Mona Ståhle[1,2], Enikö Sonkoly[1,2], Dan Grander[3], Marie Arsenian-Henriksson[4] and Andor Pivarcsi[1]

[1]Unit of Dermatology and Venereology, Department of Medicine, Karolinska Institutet, SE-17176 Stockholm, Sweden

[2]Department of Medicine, Karolinska University Hospital, SE-17176 Stockholm, Sweden

[3]Department of Oncology-Pathology, Cancer Center Karolinska (CCK), Karolinska Institutet, SE-17176 Stockholm, Sweden

[4]Department of Microbiology, Tumor and Cell Biology (MTC), Karolinska Institutet, SE-17177 Stockholm, Sweden

[5]Department of Dermatology, University of Turku and Turku University Hospital, FI-20520 Turku, Finland

[6]MediCity Research Laboratory, University of Turku, FI-20520 Turku, Finland

[7]Whitehead Institute for Biomedical Research, Massachusetts Institute of Technology, Cambridge, MA 02142, United States

Corresponding author

Andor Pivarcsi, PhD

Unit of Dermatology and Venereology, Department of Medicine

Karolinska Institutet

Stockholm 171 76

Sweden

Tel: +46 8 5177 3738,

E-mail: Andor.Pivarcsi@ki.se