Erratum to: microRNAs and lung cancer: tumors and 22-mers

Liqin Du • Alexander Pertsemlidis

Published online: 10 June 2010
© Springer Science+Business Media, LLC 2010

Erratum to: Cancer Metastasis Rev (2010) 29:109–122 DOI 10.1007/s10555-010-9204-9

An error appeared in Table 1 of "microRNAs and lung cancer: tumors and 22-mers" by Liqin Du and Alexander Pertsemlidis which appeared in volume 29, issue 1 of Cancer and Metastasis Reviews. The correct version of Table 1 is below.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s10555-010-9204-9>.

L. Du
Harold C. Simmons Comprehensive Cancer Center,
The University of Texas Southwestern Medical Center,
5323 Harry Hines Boulevard,
Dallas, TX 75390-8807, USA

A. Pertsemlidis (✉)
Eugene McDermott Center for Human Growth and Development,
The University of Texas Southwestern Medical Center,
5323 Harry Hines Boulevard,
Dallas, TX 75390-8591, USA
e-mail: Alexander.Pertsemlidis@UTSouthwestern.edu

Table 1 Experimentally validated miRNAs in lung cancer

miRNA	Expression in lung cancer	Function when expressed	Validated targets
miR-21	up	Represses apoptosis Increases proliferation	PTEN[106], PDCD4[106], TPM1[141]
miR-17-92	up	Induces angiogenesis Represses apoptosis	PTEN[112], E2F1-3[113], BIM[112]
miR-221/222	up	Represses apoptosis Induces proliferation Restricts angiogenesis	TIMP3[142] c-Kit[79], p27 ^{Kip1} [52-54]
miR-34a-c	down	Induces p53-dependent cellular stress responses	CDK4/6[51,143], Bcl-2[144], CCNE2[51], E2F3[145]
miR-29	down	Induces apoptosis Decreases tumorigenicity	DNMT3A-3B[39], Mcl-1[144]
let-7	down	Decreases proliferation Decreases apoptosis	RAS[31], Myc[33], HGMA2[107]
miR-15/16	down	Induces Rb-dependent cell cycle arrest	Bcl-2[43] CCND1[114,117], CCND2[114], CCNE1[114], WNT3A[117]
miR-128b	down	Reduces EGFR-mediated proliferation	EGFR[24]
miR-200/429	down	Increases E-cadherin expression Represses EMT, reduces metastasis	ZEB1/ZEB2[94-98]
miR-197	up	Increases proliferation	FUS1[59]
miR-93	up	Increases proliferation	FUS1[59]
miR-98	up	Increases proliferation Increases apoptosis	FUS1[59]
miR-126	down	Reduces invasion, migration, and adhesion Decreases angiogenesis	CRK[100], VEGF-A[75]