

CORRECTION

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Correction to: Determining the effects of trastuzumab, cetuximab and afatinib by phosphoprotein, gene expression and phenotypic analysis in gastric cancer cell lines

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Following publication of the original article [1], the authors reported an error in the labeling of Table 5. The corrected Table 5 is given below.

The original article can be found online at <https://doi.org/10.1186/s12885-020-07540-7>.

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Table 5 Candidate genes involved in phenotypic response to afatinib treatment**a) Genes potentially involved in reduction of motility after afatinib treatment**

<i>SERPINE1</i>	<i>F3</i>	<i>CXCL8</i>	<i>PLPP3</i>	<i>F2RL1</i>	<i>PTGS2</i>	<i>CYR61</i>	<i>CXCL1</i>	SEMA6D	<i>ETS1</i>
<i>HBEGF</i>	<i>ITGA2</i>	<i>HAS2</i>	<i>SPRY2</i>						

b) Genes potentially involved in induction of apoptosis after afatinib treatment

<i>BAX</i>	BBC3	<i>BCLAF1</i>	<i>CAV1</i>	<i>E2F1</i>	<i>FADD</i>	<i>FAF1</i>	<i>FAS</i>	GSN	<i>HYAL2</i>
<i>IL19</i>	<i>IL20RA</i>	INHBB	<i>LCK</i>	<i>LGALS9</i>	<i>NACC2</i>	<i>NF1</i>	NFATC4	<i>NKX3-1</i>	<i>PAK2</i>
<i>PARK7</i>	<i>PDCD5</i>	<i>PDIA3</i>	<i>PEA15</i>	<i>PPIF</i>	<i>PPP2R1B</i>	<i>PPP3CC</i>	<i>PRKRA</i>	<i>SFN</i>	<i>SFPQ</i>
<i>SKIL</i>	<i>SLC9A3R1</i>	<i>SMAD3</i>	<i>STK4</i>	<i>TGFBR1</i>	<i>TP73</i>	<i>TPD52L1</i>	<i>YWHAB</i>	<i>YWHAE</i>	<i>YWHAG</i>
<i>YWHAH</i>	<i>YWHAQ</i>	<i>YWHAZ</i>	ZNF205						

Genes that were regulated in MKN1 cells after 4 h afatinib and trastuzumab + afatinib treatment and were assigned to the biological function "positive regulation of cell motility" were selected (a). Genes that were regulated in NCI-N87 but not in MKN1 and MKN7 cells after 24 h afatinib and trastuzumab + afatinib treatment and were assigned to the biological function "positive regulation of apoptotic signaling pathway" were selected (b). *Italics typeface* indicates downregulation and **bold typeface** upregulation

The original article [1] has been corrected.

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1. Ebert K, Zwingenberger G, Barbara E, et al. Determining the effects of trastuzumab, cetuximab and afatinib by phosphoprotein, gene expression and phenotypic analysis in gastric cancer cell lines. BMC Cancer. 2020;20:1039 <https://doi.org/10.1186/s12885-020-07540-7>.