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Correction to: Leucine-Rich Repeat Kinase 2 (LRRK2) phosphorylates p53 and induces p21 expression

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In the original publication of this article [1], published on 18 September 2015, it was noticed that the information on a plasmid expressing HA-tagged human p53 gene is wrong. In this Correction the incorrect and correct information on this gene are shown (and marked bold).

In the first paragraph of the Methods section, the plasmid expressing HA-tagged human p53 gene is described as followed:

Plasmids expressing the HA-tagged human p53 gene (16434) and FLAG-p21 (16240) were purchased from Addgene (Cambridge, MA, USA) and shLRRK2 plasmid specifically inhibiting expression of endogenous human LRRK2 (TI202451) from ORIGENE (Rockville, MD, USA).

The correct description of the plasmid expressing HA-tagged human p53 gene is:

Ha-p53 WT was previously described [2]. FLAG-p21 was purchased from Addgene (#16240, Cambridge, MA, USA) and shLRRK2 plasmid specifically inhibiting expression of endogenous human LRRK2 (TI202451) from ORIGENE (Rockville, MD, USA).

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References

- Ho, et al. Leucine-Rich Repeat Kinase 2 (LRRK2) phosphorylates p53 and induces p21^{WAF1/CIP1} expression. Molecular Brain. 2015;8:54. doi:10.1186/ s13041-015-0145-7.
- Cho J-H, Lee S-J, Ah-Young O, Yoon M-H, Woo T-G, Park B-J. NF2 blocks Snail-mediated p53 suppression in mesotheliomam. Oncotarget. 2015;6:10073–85.

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