

Correction

CELL BIOLOGY

Correction for “*Drosophila* Mgr, a Prefoldin subunit cooperating with von Hippel Lindau to regulate tubulin stability,” by Nathalie Delgehr, Uta Wieland, H el ene Rangone, Xavier Pinson, Guojie Mao, Nikola S. Dzhindzhev, Doris McLean, Maria G. Riparbelli, Salud Llamazares, Giuliano Callaini, Cayetano Gonzalez, and David M. Glover, which appeared in issue 15, April 10, 2012, of *Proc Natl Acad Sci USA* (109:5729–5734; first published March 26, 2012; 10.1073/pnas.1108537109).

The authors wish to note, “In Fig. 4A in this article, the two last panels were identical due to incorrect handling during the final assembly of the figure. The description of the results is accurate and these changes have no bearing on the experimental results or the conclusions. The figure legend has been corrected to indicate ³⁵S-Vhl and its likely degradation product. We apologize for any inconvenience that this error has caused.” The corrected Fig. 4 and its corrected legend appear below.

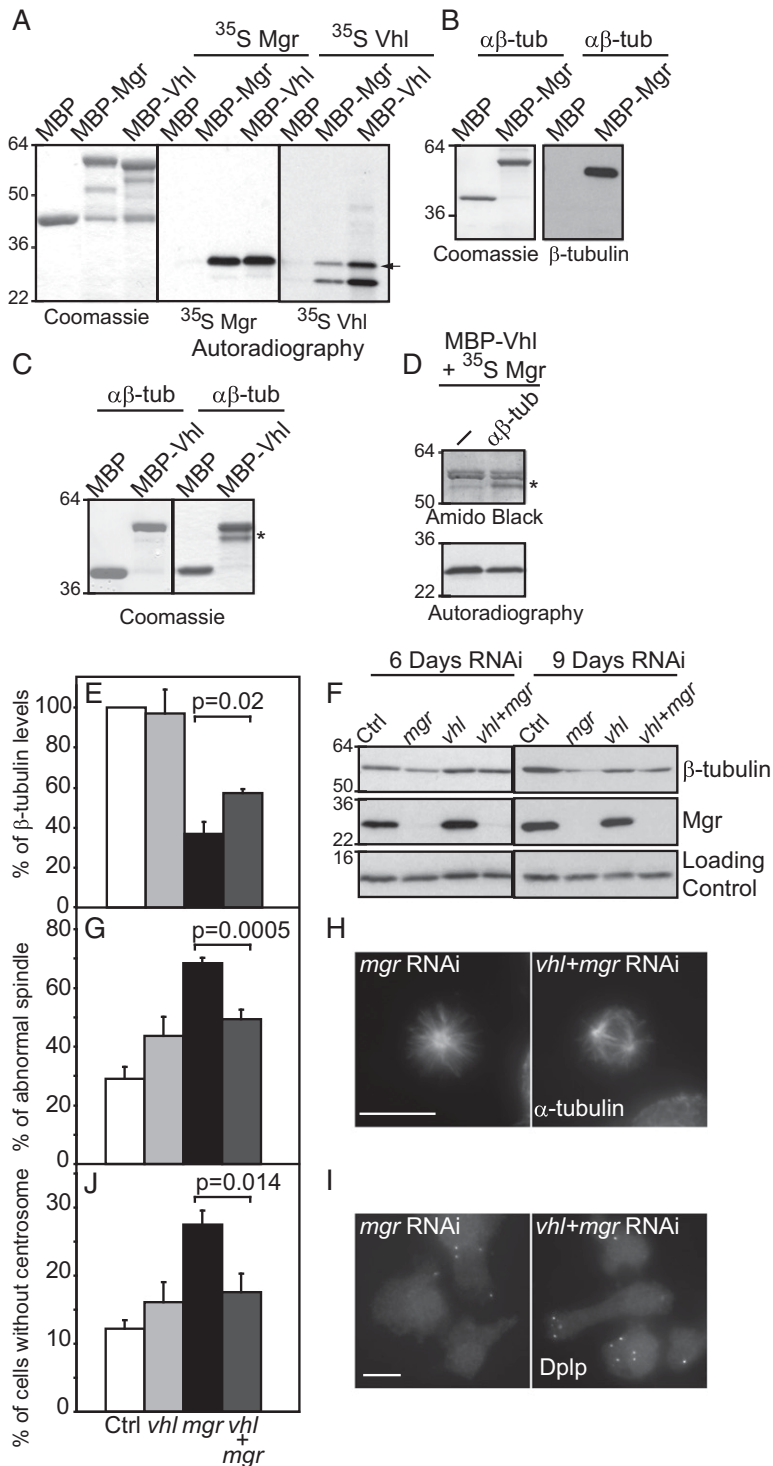


Fig. 4. Mgr and Vhl cooperate in regulating tubulin destruction. (A) MBP, MBP-Mgr, and MBP-Vhl, affinity purified from *Escherichia coli* extracts (Coomassie stain) tested for binding ^{35}S -Methionine labeled Mgr and Vhl synthesized by coupled transcription-translation in vitro. The arrow indicates ^{35}S -Vhl, the second band being likely a degradation product (autoradiography). (B) MBP and MBP-Mgr, affinity-purified from *E. coli* extracts (Coomassie stain) tested for binding purified $\alpha\beta$ -tubulin (Western blot). (C) MBP and MBP-Vhl, affinity-purified from *E. coli* extracts (Coomassie stain, Right) tested for binding-purified $\alpha\beta$ -tubulin (Coomassie stain, Left). (D) MBP-Vhl, affinity purified from *E. coli* extracts, and tested for binding ^{35}S -Mgr (as in A). Excess of purified $\alpha\beta$ -tubulin is insufficient to release the Vhl:Mgr interaction. (E–J) DMEK-2 cells treated with Control, *mgr*, *vhl*, or *mgr* and *vhl* dsRNA for 6 or 9 d. (E) Levels of β -tubulin in three independent experiments 9 d after transfection. (F) Western blot of β -tubulin and Mgr after such treatment. H2A is used as loading control (Ctrl). (G) Percentage of prometaphase and metaphase cells with monopolar or disorganized spindles after indicated dsRNA treatment. Error bars = SEMs of three independent experiments. $n > 300$ metaphase cells; (H) Mitotic cells immunostained to reveal microtubules (α -tubulin). (Scale bar, 10 μm). (I) Percentage of cells without centrosome 9 d after indicated transfections. Error bars = SEM of three independent experiments. $n > 600$ cells. (J) Cells immunostained to reveal centrosomes (Dplp). (Scale bar, 10 μm). All *P* values are from Student *t* tests.