



Corrigendum: VHL-Mediated Regulation of CHCHD4 and Mitochondrial Function

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A Corrigendum on

VHL-Mediated Regulation of CHCHD4 and Mitochondrial Function

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In the original article, there was a mistake in **Figure 4A** as published. The figure text was mislabeled, and a lane-line was missing. The corrected **Figure 4** appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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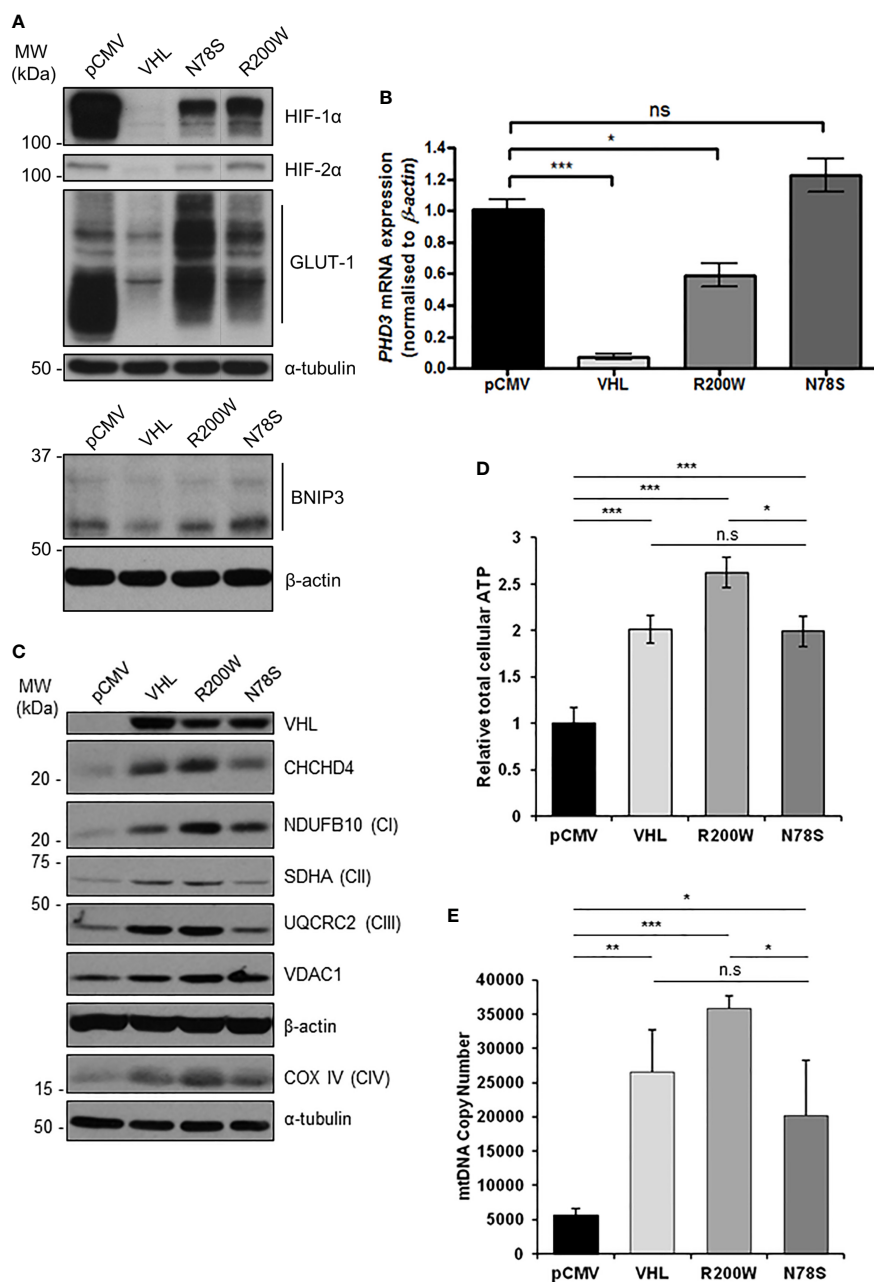


FIGURE 4 | pVHL mutants differentially regulate mitochondrial protein expression, mtDNA copy number and ATP levels. **(A)** Western blots show HIF-1 α , HIF-2 α , GLUT-1, and BNIP3 protein levels in RCC10 cells expressing empty vector (pCMV), wild type pVHL (VHL), or pVHL mutants (R200W or N78S). α -tubulin and β -actin were used as load controls. **(B)** Relative expression of PHD3 mRNA in RCC10 cells described in **(A)**, measured using RT-qPCR. Data were analyzed using the comparative Ct method. Data are presented as mean \pm S.E.M. $n = 3$ (n.s. $p > 0.05$, * $p < 0.05$, and *** $p < 0.001$). **(C)** Western blots show expression of mitochondrial proteins CHCHD4 and VDAC1, and respiratory chain subunits NDUFB10 (CI), SDHA (CII), UQCRC2 (CIII), COX IV (CIV) in RCC10 cells described in **(A)**. pVHL expression was assessed as a control for re-expression, and β -actin and α -tubulin were used as load controls. **(D)** Graph shows total cellular ATP content in RCC10 cells expressing wild type pVHL (VHL) or pVHL mutants (R200W or N78S), normalized to cell number ($n = 4$). **(E)** Graph shows mtDNA copy number in RCC10 cells expressing pVHL variants, calculated using the ratio of expression of mitochondrial ND1 gene to the single copy nuclear gene, β 2M to by RT-qPCR. Data in **(D, E)** are presented as mean \pm S.D. $n = 6$ (n.s. $p > 0.05$, * $p < 0.05$, ** $p < 0.01$, and *** $p < 0.001$).