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CORRECTION

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# Correction to: Expression of mitochondrial protein genes encoded by nuclear and mitochondrial genomes correlate with energy metabolism in dairy cattle

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**Correction to: BMC Genomics 21, 720 (2020)**  
<https://doi.org/10.1186/s12864-020-07018-7>

Following publication of the original article [1], it was reported that Fig. 4 was missing several labels (I-IV) and that Additional files 1, 2, 3, 4, 5, 6, 9, 10, 17 and 18 were published in an incorrect order and Additional file 20 was published with an erroneous caption. The correct Fig. 4 and additional files are provided in this correction article, and the original article [1] has been updated.

## Supplementary Information

The online version contains supplementary material available at <https://doi.org/10.1186/s12864-022-08404-z>.

**Additional file 1: Table S1.** Tissue libraries and their RIN.

**Additional file 2: Table S2.** Quality of library preparation.

**Additional file 3: Table S3.** Read alignment quality check.

**Additional file 4: Table S4.** List of Mitochondrial protein genes derived from Mitocarta in cattle.

**Additional file 5: Table S5.** List of Mitochondrial protein genes derived from Mitocarta in Sheep.

**Additional file 6: Table S6.** Number of differentially expressed (DE) genes by gene categories averaged for two foetuses in the Main Cows.

**Additional file 9: Table S7.** List of non-mitochondrial protein (Non-MP) genes clustering with the mitochondrial protein genes in cluster I (NuMP-MtMP cluster) in the Main Cows.

**Additional file 10: Table S8.** KEGG pathway enrichment of the non-mitochondrial protein (Non-MP) genes in NuMP-MtMP cluster in the Main Cows.

**Additional file 17: Table S9.** Number of differentially expressed gene (DEG) s and their direction in tissues by gene categories in the Validation Cow.

**Additional file 18: Table S10.** Number of differentially expressed gene (DEG) s and their direction in tissues by gene categories in the Validation Sheep.

**Additional file 20: Figure S10.** Scatter plot of log fold changes of the Validation Cow against the log-fold changes of the Validation Sheep for mitochondrial protein gene expression.

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#### Reference

1. Dorji J, Vander Jagt CJ, Garner JB, et al. Expression of mitochondrial protein genes encoded by nuclear and mitochondrial genomes correlate with energy metabolism in dairy cattle. *BMC Genomics*. 2020;21:720. <https://doi.org/10.1186/s12864-020-07018-7>.

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