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# Correction: Distinct ZIKV strain signatures and type I IFN modulation reveal a protective role of brain endothelial interferon signaling *in vitro* and *in vivo*

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**Zika virus, interferon, endothelial cells, blood brain barrier, neuroinvasion**

A Correction

Distinct ZIKV strain signatures and type I IFN modulation reveal a protective role of brain endothelial interferon signaling *in vitro* and *in vivo*

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There was a mistake in **Figure 5** as published. An arrow indicating a modification in the 5'UTR was missing in **Figures 5A**, **B**, and one of the colors did not match the legend in **Figure 5E**. The corrected **Figure 5** appears below.

The original version of this article has been updated.

## Publisher's note



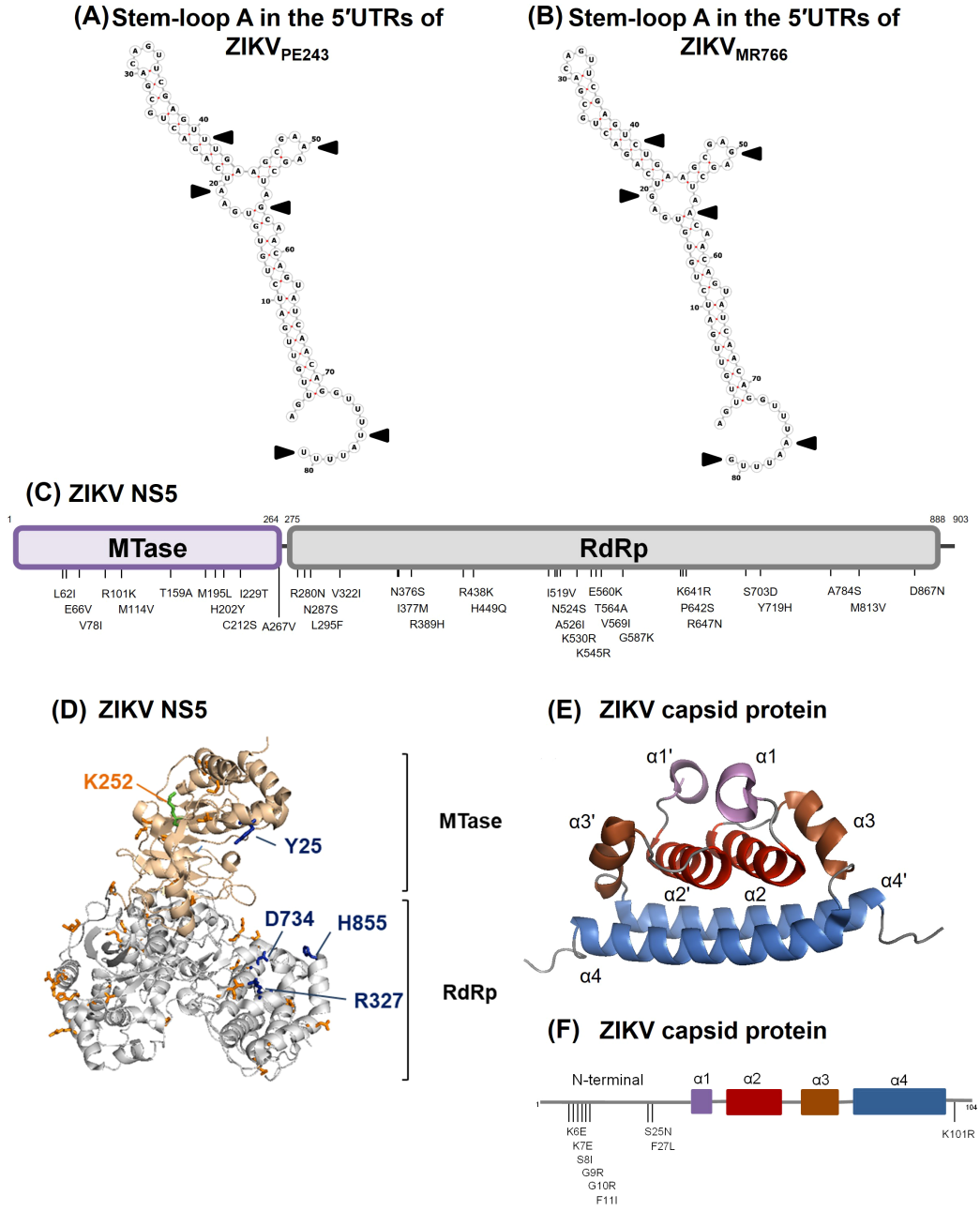


FIGURE 5
Comparison of genomic and amino acid sequences by the 5′UTR, NS5 and capsid protein from ZIKV$_{MR766}$ (NC_012532.1) and ZIKV$_{PE243}$ (GenBank KX197192.1). **(A, B)** Sequence and predicted secondary structure of stem-loop A in the 5′UTRs from ZIKV$_{PE243}$ **(A)** and ZIKV$_{MR766}$ **(B)**. The black arrows indicate sequence variations in the 5′-UTR. **(C)** Schematic representation of ZIKV NS5 from ZIKV$_{MR766}$ indicating the amino acid substitutions in the NS5 from ZIKV$_{PE243}$. MTase and RdRp domains are colored purple and gray, respectively. **(D)** Ribbon representation showing the MTase (light pink) and RdRp (gray) domains of ZIKV$_{MR766}$ NS5. The locations of residues that differed in NS5 from ZIKV$_{PE243}$ in the context of ZIKV$_{MR766}$ NS5 structure (PDB, 5U0B) are shown in orange sticks. The residues Y25, R327, D734 and H855 are highlighted in blue sticks, and the K252 residue (green stick) is labeled in orange. **(E)** Ribbon representation showing the structure of the ZIKV capsid protein (PDB, 6C44), with the α-helix pairs indicated: α1/α1′ (purple), α2/α2′ (red), α3/α3′ (brown), and α4/α4′ (blue). **(F)** Schematic representation of the capsid protein from ZIKV$_{PE243}$ indicating the amino acid substitutions from ZIKV$_{MR766}$. The α-helices are colored according to protein structure in **(E)**.