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Erratum

Erratum to: Common and differential effects of docosahexaenoic acid and eicosapentaenoic acid on helper T-cell responses and associated pathways

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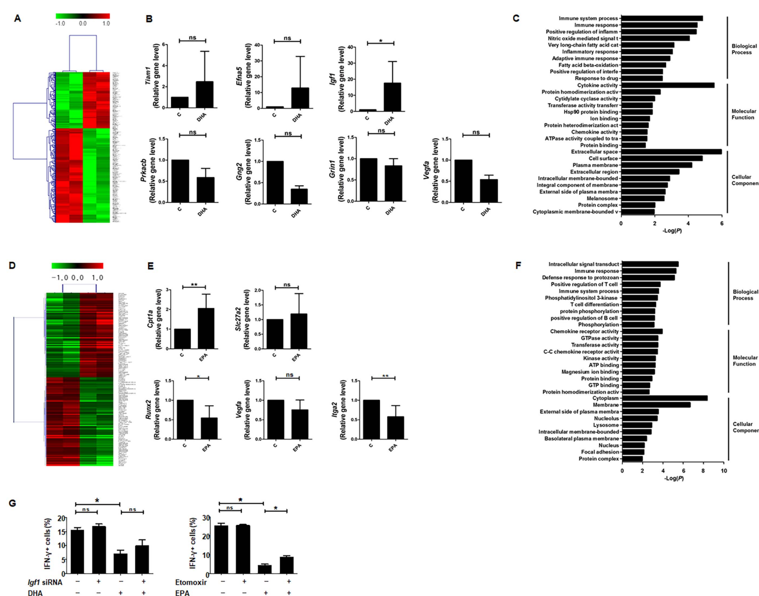
In the originally published version of this article, there was an error in the Supplementary information. Fig. 1 as following image was missing in the Supplementary Information. The Supplementary file in the original version has now been updated to include the corrected. We apologize for any inconvenience that this may have caused.



Supplementary Fig. 1. Genes and pathways of Th1 cells affected by DHA and EPA. Naïve CD4$^+$ T cells were co-cultured with BMDCs with or without DHA or EPA. After purification, cDNA was obtained from rRNA-depleted total RNA and microarray was performed. Heat map diagram of mRNAs expressed by DHA or EPA-treated CD4$^+$ T cells compared to control (A and D). The color scale in the map illustrates the relative expression level of mRNAs: red and green indicate above and below the average, respectively. To validate the microarray results of DHA treatment, independent qPCRs were used to assess the expression of Tiam1, Efna5, Igf1, Prkacb, Gng2, Grin1, Vegfa, and β-actin (B). To validate the microarray results of EPA treatment, independent qPCRs were used to assess the expression of Cpt1a, Runx2, Vegfa, Itga2, Slc27a2, and β-actin (E). Graphs of upregulated and downregulated genes were located upper and lower parts, respectively. Gene ontology (GO) term enrichment analysis was presented. The GO annotation was based on 260 and 160 DEGs by DHA and EPA, respectively. The vertical and horizontal axes represent the GO category and −log of P value, respectively (C and F). To verify the roles of *Igf1* and *Cpt1a* in Th1 cell differentiation, flow cytometric analyses were performed after transfection with *Igf1* siRNA or etomoxir and treatment with DHA or EPA (G). The qPCR was conducted with technical duplicates, and the data shown represent three independent replicates. $^*P < 0.05$; $^{**}P < 0.01$ compared with the control group. C: control; ns: not significant.

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