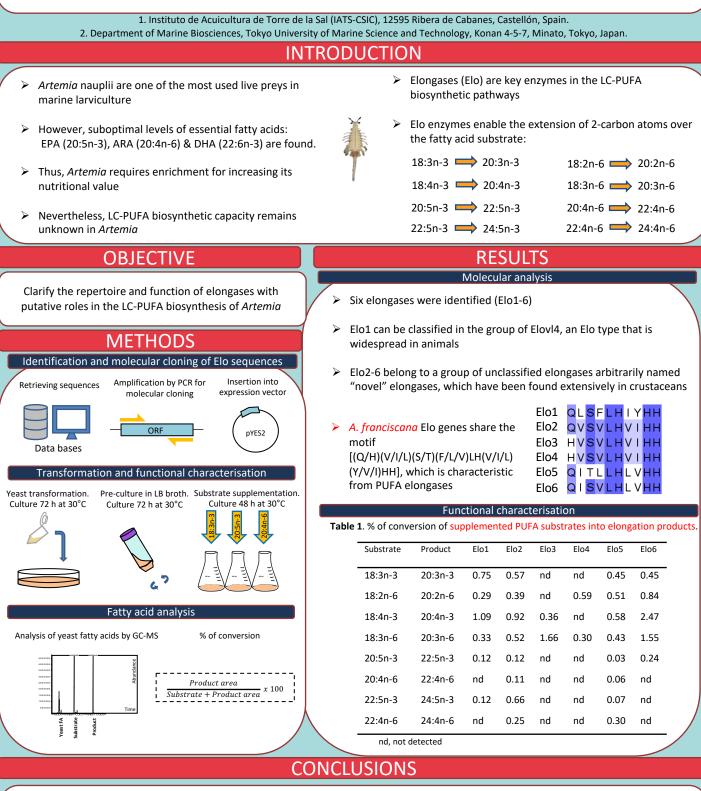
Can Artemia produce essential fatty acids?

Roles of elongases in the biosynthesis of long-chain polyunsaturated fatty acids

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> Artemia franciscana has at least six elongases (Elo1-6) that enable the elongation of PUFA substrates

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Functions of the A. franciscana Elo1-6 fulfill all the elongation steps required in the LC-PUFA biosynthetic pathways

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> Artemia has some capacity for biosynthesis of essential fatty acids