

Supplemental Material to the paper

Functional characterization of novel bony fish lipxygenase isoforms and their possible involvement in inflammation

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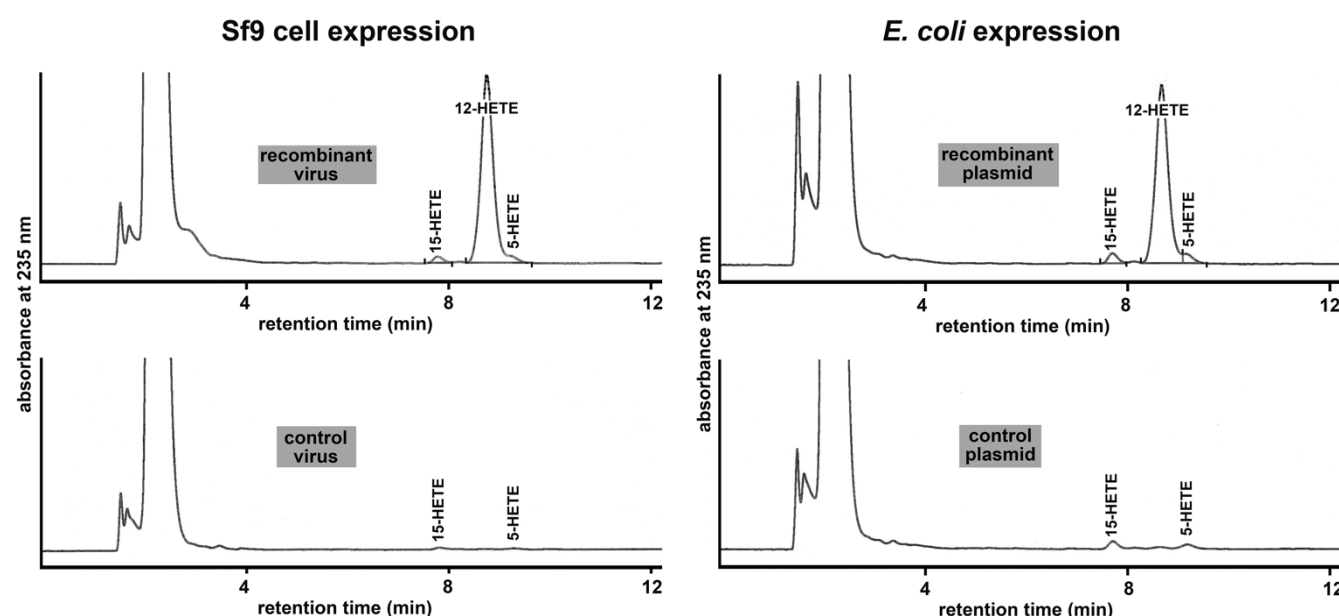


Figure S1. Expression of the putative ALOX15 orthologs of *N. furzeri* (Sf9 cells) and *S. formosus* (*E. coli*). The putative ALOX15 orthologs were expressed as recombinant N-terminal his-tag fusion proteins in Sf9 insect cells or *E. coli* as described in the Materials and methods section (upper panels). For control experiments (lower panels) Sf9 cells were infected with a non-lipoxygenase containing baculovirus and cellular lysate supernatants of these cells were employed for the activity assays. Similar control incubations were carried out with a cellular lysate supernatant prepared from *E. coli* cells transformed with a no-lipoxygenase containing expression plasmid