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Novel mannose binding natterin-like protein in the skin mucus of Atlantic cod (*Gadus morhua*)

Binoy Rajan, Deepti M. Patel, Yoichiro Kitani, Kiron Viswanath, Monica F. Brinchmann



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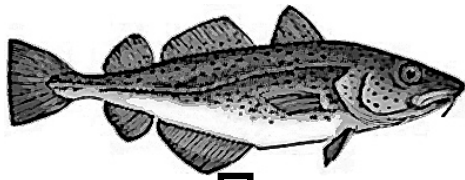
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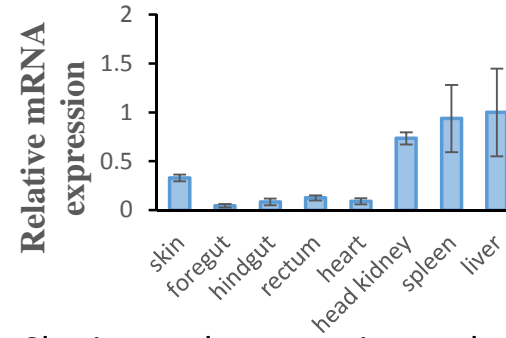


Atlantic cod skin mucus

Mannose affinity chromatography

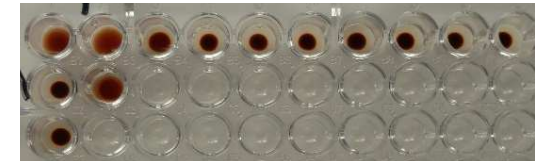
Size-exclusion chromatography

Isolated protein



Cloning and sequencing and primer design.

Tissue distribution of *nlp* transcripts analyzed



Nlp gives Ca^{++} depended and mannose inhibitable hemagglutination

SDS-PAGE and LC-MSMS

Natterin-like protein identified

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