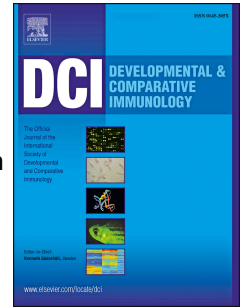


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A conserved inhibitory role of Suppressor of Cytokine Signaling 1 (SOCS1) in salmon antiviral immunity.

Mehrdad Sobhkhez^{1*}, Lisbeth L. Joensen^{1*}, Linn Greiner Tollersrud¹, Guro Strandskog¹, Hanna L. Thim¹ and Jorunn B. Jørgensen^{§1}

¹The Norwegian College of Fishery Science, UiT The Arctic University of Norway, N-9037 Tromsø, Norway

* Contributed equally to this paper

§ Correspondence:

Jorunn B. Jørgensen
Norwegian College of Fisheries Science
UiT The Arctic University of Norway
N-9037 Tromsø,
Norway
Email: jorunn.jorgensen@uit.no

Abbreviations: bp, base pair; JAK, Janus kinase; IFN, Interferon; SH2, SRC-homology 2; ESS, extended SH2 domain; KIR, kinase inhibitory region; SOCS, suppressors of cytokine signaling; STAT, Signal Transducers and Activators of the Transcription; MOI, multiplicity of infection; ISGs, Interferon Stimulating genes; ISRE, Interferon stimulated response element; salmon alphavirus, SAV; infectious pancreatic necrosis virus, IPNV.

Keywords: SOCS, JAK/STAT signaling, IPNV, SAV, Interferons, Atlantic salmon

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