

# Identification of two FoxP3 genes in rainbow trout (*Oncorhynchus mykiss*) and their differential induction patterns

Molecular Immunology

47, 2563-2574

DOI: [10.1016/j.molimm.2010.06.015](https://doi.org/10.1016/j.molimm.2010.06.015)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Fish T cells: Recent advances through genomics. <i>Developmental and Comparative Immunology</i> , 2011, 35, 1282-1295.	1.0	95
2	Molecular cloning and characterization of Foxp3 in Atlantic salmon ( <i>Salmo salar</i> ). <i>Fish and Shellfish Immunology</i> , 2011, 30, 902-909.	1.6	18
3	Sequencing of a second interleukin-10 gene in rainbow trout <i>Oncorhynchus mykiss</i> and comparative investigation of the expression and modulation of the paralogues in vitro and in vivo. <i>Fish and Shellfish Immunology</i> , 2011, 31, 107-117.	1.6	51
4	Disturbance of the intestinal mucosal immune system of farmed Atlantic salmon ( <i>Salmo salar</i> ), in response to long-term hypoxic conditions. <i>Fish and Shellfish Immunology</i> , 2011, 31, 1072-1080.	1.6	116
5	The Influence of Vitamin A Supplementation on Foxp3 and TGF- $\beta$ 2 Gene Expression in Atherosclerotic Patients. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2012, 5, 314-326.	1.8	26
6	The innate and adaptive immune system of fish. , 2012, , 3-68.		77
7	Characterisation and expression analysis of B-cell activating factor (BAFF) in spiny dogfish ( <i>Squalus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Developmental and Comparative Immunology, 2012, 36, 707-717.	1.0	19
8	Characterization of Foxp3 gene from grass carp ( <i>Ctenopharyngodon idellus</i> ): A rapamycin-inducible transcription factor in teleost immune system. <i>Developmental and Comparative Immunology</i> , 2012, 38, 98-107.	1.0	19
9	Cloning and expression analysis of two ROR- $\gamma$ homologues (ROR- $\gamma$ a1 and ROR- $\gamma$ a2) in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Fish and Shellfish Immunology</i> , 2012, 33, 365-374.	1.6	24
10	Immune gene expression profiling of Proliferative Kidney Disease in rainbow trout <i>Oncorhynchus mykiss</i> reveals a dominance of anti-inflammatory, antibody and T helper cell-like activities. <i>Veterinary Research</i> , 2013, 44, 55.	1.1	80
11	Red mark syndrome in rainbow trout <i>Oncorhynchus mykiss</i> : Investigation of immune responses in lesions using histology, immunohistochemistry and analysis of immune gene expression. <i>Fish and Shellfish Immunology</i> , 2013, 34, 1119-1130.	1.6	24
12	Molecular cloning and expression analysis of Foxp3 from Nile tilapia. <i>Veterinary Immunology and Immunopathology</i> , 2013, 155, 48-56.	0.5	16
13	Two Types of TNF- $\beta$ Exist in Teleost Fish: Phylogeny, Expression, and Bioactivity Analysis of Type-II TNF- $\beta$ 3 in Rainbow Trout <i>Oncorhynchus mykiss</i> . <i>Journal of Immunology</i> , 2013, 191, 5959-5972.	0.4	201
14	The cytokine networks of adaptive immunity in fish. <i>Fish and Shellfish Immunology</i> , 2013, 35, 1703-1718.	1.6	265
15	Prevention of soya-induced enteritis in Atlantic salmon ( <i>Salmo salar</i> ) by bacteria grown on natural gas is dose dependent and related to epithelial MHC II reactivity and CD8 $\alpha$ <sup>+</sup> intraepithelial lymphocytes. <i>British Journal of Nutrition</i> , 2013, 109, 1062-1070.	1.2	60
17	Acquired immunity and vaccination against infectious pancreatic necrosis virus of salmon. <i>Developmental and Comparative Immunology</i> , 2014, 43, 184-196.	1.0	37
18	Four CISH paralogues are present in rainbow trout <i>Oncorhynchus mykiss</i> : Differential expression and modulation during immune responses and development. <i>Molecular Immunology</i> , 2014, 62, 186-198.	1.0	34
19	The Mucosal Immune System of Teleost Fish. <i>Biology</i> , 2015, 4, 525-539.	1.3	340

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20	A Review of the Immunological Mechanisms Following Mucosal Vaccination of Finfish. <i>Frontiers in Immunology</i> , 2015, 6, 427.	2.2	47
21	The cellular protein expression of Foxp3 in lymphoid and non-lymphoid organs of Nile tilapia. <i>Fish and Shellfish Immunology</i> , 2015, 45, 300-306.	1.6	11
22	Characterisation of the TNF superfamily members CD40L and BAFF in the small-spotted catshark ( <i>Pseudogadus medius</i> ). <i>Developmental and Comparative Immunology</i> , 2016, 64, 167-177.	1.6	18
23	Evaluation of the immune response in rainbow trout fry, ( <i>Oncorhynchus mykiss</i> ) ( <i>W</i> albaum), after waterborne exposure to <i>Flavobacterium psychrophilum</i> and/or hydrogen peroxide. <i>Journal of Fish Diseases</i> , 2015, 38, 55-66.	0.9	8
24	First in-depth analysis of the novel Th2-type cytokines in salmonid fish reveals distinct patterns of expression and modulation but overlapping bioactivities. <i>Oncotarget</i> , 2016, 7, 10917-10946.	0.8	104
25	Missed, Not Missing: Phylogenomic Evidence for the Existence of Avian FoxP3. <i>PLoS ONE</i> , 2016, 11, e0150988.	1.1	21
26	T cell immunity in the teleost digestive tract. <i>Developmental and Comparative Immunology</i> , 2016, 64, 167-177.	1.0	54
28	Humoral and Cellular Effects of Stress-An Extensive Model System. <i>American Journal of Immunology</i> , 2017, 13, 131-143.	0.1	4
29	Rainbow trout ( <i>Oncorhynchus mykiss</i> ) adipose tissue undergoes major changes in immune gene expression following bacterial infection or stimulation with pro-inflammatory molecules. <i>Developmental and Comparative Immunology</i> , 2018, 81, 83-94.	1.0	33
30	Interleukin (IL)-2 Is a Key Regulator of T Helper 1 and T Helper 2 Cytokine Expression in Fish: Functional Characterization of Two Divergent IL2 Paralogs in Salmonids. <i>Frontiers in Immunology</i> , 2018, 9, 1683.	2.2	71
31	Distinct response of immune gene expression in peripheral blood leucocytes modulated by bacterin vaccine candidates in rainbow trout <i>Oncorhynchus mykiss</i> : A potential in vitro screening and batch testing system for vaccine development in aquaculture. <i>Fish and Shellfish Immunology</i> , 2019, 93, 631-640.	1.6	10
32	Lineage/species-specific expansion of the Mx gene family in teleosts: Differential expression and modulation of nine Mx genes in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Fish and Shellfish Immunology</i> , 2019, 90, 413-430.	1.6	31
33	Immune response modulation upon sequential heterogeneous co-infection with <i>Tetracapsuloides bryosalmonae</i> and VHSV in brown trout ( <i>Salmo trutta</i> ). <i>Fish and Shellfish Immunology</i> , 2019, 88, 375-390.	1.6	14
34	CD4: a vital player in the teleost fish immune system. <i>Veterinary Research</i> , 2019, 50, 1.	1.1	103
35	Insights into the Evolution of the Suppressors of Cytokine Signaling (SOCS) Gene Family in Vertebrates. <i>Molecular Biology and Evolution</i> , 2019, 36, 393-411.	3.5	65
36	Dissecting the immune pathways stimulated following injection vaccination of rainbow trout ( <i>Oncorhynchus mykiss</i> ) against enteric redmouth disease (ERM). <i>Fish and Shellfish Immunology</i> , 2019, 85, 18-30.	1.6	31
37	Expansion of fish CCL20-like chemokines by genome and local gene duplication: Characterisation and expression analysis of 10 CCL20-like chemokines in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Developmental and Comparative Immunology</i> , 2020, 103, 103502.	1.0	18
38	Primary immunization using low antigen dosages and immunological tolerance in rainbow trout. <i>Fish and Shellfish Immunology</i> , 2020, 105, 16-23.	1.6	8

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39	Selection on a plant-based diet reveals changes in oral tolerance, microbiota and growth in rainbow trout ( <i>Oncorhynchus mykiss</i> ) when fed a high soy diet. <i>Aquaculture</i> , 2020, 525, 735287.	1.7	24
40	Immunological memory in teleost fish. <i>Fish and Shellfish Immunology</i> , 2021, 115, 95-103.	1.6	17
41	Th cell transcription factors: Sequence characteristics and expression profiles in <i>Epinephelus coioides</i> after <i>Cryptocaryon irritans</i> infection. <i>Aquaculture</i> , 2022, 546, 737349.	1.7	0
43	Expression analysis of grass carp <i>Foxp3</i> and its biologic effects on CXCL-8 transcription in non-lymphoid cells. <i>Developmental and Comparative Immunology</i> , 2022, 134, 104447.	1.0	0
44	Search for effective oral adjuvants for rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Fish and Shellfish Immunology</i> , 2022, 128, 419-424.	1.6	0
45	Infectious pancreatic necrosis virus (IPNV) recombinant viral protein 1 (VP1) and VP2-Flagellin fusion protein elicit distinct expression profiles of cytokines involved in type 1, type 2, and regulatory T cell response in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Fish and Shellfish Immunology</i> , 2022, , .	1.6	2