

Sequence and expression analysis of two T helper master transcription factors, GATA3 and IRF4, in rainbow trout *Oncorhynchus mykiss* and analysis of their expression during bacterial and parasitic infection

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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	The interleukins of fish. <i>Developmental and Comparative Immunology</i> , 2011, 35, 1336-1345.	1.0	268
3	Transcription of T cell-related genes in teleost fish, and the European sea bass ( <i>Dicentrarchus labrax</i> ) as a model. <i>Fish and Shellfish Immunology</i> , 2011, 31, 655-662.	1.6	46
4	The gamma-chain cytokine/receptor system in fish: More ligands and receptors. <i>Fish and Shellfish Immunology</i> , 2011, 31, 673-687.	1.6	45
5	Gene expression profiling in naïve and vaccinated rainbow trout after <i>Yersinia ruckeri</i> infection: Insights into the mechanisms of protection seen in vaccinated fish. <i>Vaccine</i> , 2011, 29, 4388-4399.	1.7	101
6	Fish Suppressors of Cytokine Signaling (SOCS): Gene Discovery, Modulation of Expression and Function. <i>Journal of Signal Transduction</i> , 2011, 2011, 1-20.	2.0	64
7	Constitutive high expression of interleukin-4/13A and GATA-3 in gill and skin of salmonid fishes suggests that these tissues form Th2-skewed immune environments. <i>Molecular Immunology</i> , 2011, 48, 1360-1368.	1.0	109
8	Functional Characterization of a Nonmammalian IL-21: Rainbow Trout <i>Oncorhynchus mykiss</i> IL-21 Upregulates the Expression of the Th Cell Signature Cytokines IFN- $\gamma$ , IL-10, and IL-22. <i>Journal of Immunology</i> , 2011, 186, 708-721.	0.4	163
9	The innate and adaptive immune system of fish. , 2012, , 3-68.		77
10	Comparison between intestinal and non-mucosal immune functions of rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Fish and Shellfish Immunology</i> , 2012, 33, 1258-1268.	1.6	30
11	Molecular characterizations and functional assessments of GATA-3 and its splice variant in Atlantic cod ( <i>Gadus morhua</i> L.). <i>Developmental and Comparative Immunology</i> , 2012, 36, 491-501.	1.0	22
12	Cloning and expression analysis of two ROR- $\gamma$ homologues (ROR- $\gamma$ 1 and ROR- $\gamma$ 2) in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Fish and Shellfish Immunology</i> , 2012, 33, 365-374.	1.6	24
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14	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
15	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
16	Insight from Molecular, Pathological, and Immunohistochemical Studies on Cellular and Humoral Mechanisms Responsible for Vaccine-Induced Protection of Rainbow Trout against <i>Yersinia ruckeri</i> . <i>Vaccine Journal</i> , 2013, 20, 1623-1641.	3.2	39
17	The cytokine networks of adaptive immunity in fish. <i>Fish and Shellfish Immunology</i> , 2013, 35, 1703-1718.	1.6	265
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21	Functional aspects of fish lymphocytes. <i>Developmental and Comparative Immunology</i> , 2013, 41, 200-208.	1.0	51
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24	Differential modulation of host genes in the kidney of brown trout <i>Salmo trutta</i> during sporogenesis of <i>Tetracapsuloides bryosalmonae</i> (Myxozoa). <i>Veterinary Research</i> , 2014, 45, 101.	1.1	20
25	Epidermal response of rainbow trout to <i>Ichthyobodo necator</i> : immunohistochemical and gene expression studies indicate a Th1-like switch. <i>Journal of Fish Diseases</i> , 2014, 37, 771-783.	0.9	64
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27	Differential expression, modulation and bioactivity of distinct fish IL-12 isoforms: Implication towards the evolution of Th1-like immune responses. <i>European Journal of Immunology</i> , 2014, 44, 1541-1551.	1.6	69
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30	Transcription analysis of two Eomesodermin genes in lymphocyte subsets of two teleost species. <i>Fish and Shellfish Immunology</i> , 2014, 36, 215-222.	1.6	12
31	Along the Axis between Type 1 and Type 2 Immunity; Principles Conserved in Evolution from Fish to Mammals. <i>Biology</i> , 2015, 4, 814-859.	1.3	62
32	Transcription Factor T-Bet in Atlantic Salmon: Characterization and Gene Expression in Mucosal Tissues during <i>Aeromonas Salmonicida</i> Infection. <i>Frontiers in Immunology</i> , 2015, 6, 345.	2.2	18
33	A Review of the Immunological Mechanisms Following Mucosal Vaccination of Finfish. <i>Frontiers in Immunology</i> , 2015, 6, 427.	2.2	47
34	A Review of Intra- and Extracellular Antigen Delivery Systems for Virus Vaccines of Finfish. <i>Journal of Immunology Research</i> , 2015, 2015, 1-19.	0.9	36
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36	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

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38	CD4-Transgenic Zebrafish Reveal Tissue-Resident Th2- and Regulatory T Cell-like Populations and Diverse Mononuclear Phagocytes. <i>Journal of Immunology</i> , 2016, 197, 3520-3530.	0.4	113
39	Analysis of interferon gamma protein expression in zebrafish ( <i>Danio rerio</i> ). <i>Fish and Shellfish Immunology</i> , 2016, 57, 79-86.	1.6	17
40	T cell immunity in the teleost digestive tract. <i>Developmental and Comparative Immunology</i> , 2016, 64, 167-177.	1.0	54
42	Adjuvant effect of recombinant interleukin-12 in the Nocardiosis formalin-killed vaccine of the amberjack <i>Seriola dumerili</i> . <i>Fish and Shellfish Immunology</i> , 2017, 67, 263-269.	1.6	37
43	The interbranchial lymphoid tissue likely contributes to immune tolerance and defense in the gills of Atlantic salmon. <i>Developmental and Comparative Immunology</i> , 2017, 76, 247-254.	1.0	21
44	Effect of yeast ( <i>Xanthophyllomyces dendrorhous</i> ) and plant (Saint John's wort, lemon balm, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.6	38
45	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
46	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
47	Molecular cloning and bioactivity of an IL-2 homologue in large yellow croaker ( <i>Larimichthys</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 5	1.8	29
48	Hints on T cell responses in a fish-parasite model: <i>Enteromyxum leei</i> induces differential expression of T cell signature molecules depending on the organ and the infection status. <i>Parasites and Vectors</i> , 2018, 11, 443.	1.0	47
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51	Transcriptome profiling of posterior kidney of brown trout, <i>Salmo trutta</i> , during proliferative kidney disease. <i>Parasites and Vectors</i> , 2019, 12, 569.	1.0	20
52	CD4: a vital player in the teleost fish immune system. <i>Veterinary Research</i> , 2019, 50, 1.	1.1	103
53	Exploring the immune response, tolerance and resistance in proliferative kidney disease of salmonids. <i>Developmental and Comparative Immunology</i> , 2019, 90, 165-175.	1.0	35
54	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
55	<i>Saprolegnia</i> infection after vaccination in Atlantic salmon is associated with differential expression of stress and immune genes in the host. <i>Fish and Shellfish Immunology</i> , 2020, 106, 1095-1105.	1.6	7

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57	Kinetics of T lymphocyte subsets and B lymphocytes in response to immunostimulants in flounder ( <i>Paralichthys olivaceus</i> ): implications for CD4+ T lymphocyte differentiation. <i>Scientific Reports</i> , 2020, 10, 13827.	1.6	23
58	A portrait of the immune response to proliferative kidney disease (PKD) in rainbow trout. <i>Parasite Immunology</i> , 2020, 42, e12730.	0.7	10
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62	Recombinant resuscitation-promoting factor protein of <i>Nocardia seriolae</i> , a promising vaccine candidate for largemouth bass ( <i>Micropterus salmoides</i> ). <i>Fish and Shellfish Immunology</i> , 2021, 111, 127-139.	1.6	17
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67	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
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71	First Proliferative Kidney Disease outbreak in Austria, linking to the aetiology of Black Trout Syndrome threatening autochthonous trout populations. <i>Diseases of Aquatic Organisms</i> , 2016, 119, 117-128.	0.5	23
72	Transcriptome Analysis in the Head Kidney of Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) Immunized with a Combined Vaccine of Formalin-Inactivated <i>Aeromonas salmonicida</i> and <i>Vibrio anguillarum</i> . <i>Vaccines</i> , 2021, 9, 1234.	2.1	7
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76	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

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