

Cloning of a novel interleukin (IL)-20-like gene in rainbow trout gives an insight into the evolution of the IL-10 family

Developmental and Comparative Immunology

34, 158-167

DOI: [10.1016/j.dci.2009.09.003](https://doi.org/10.1016/j.dci.2009.09.003)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Expression and characterization of a constitutively active STAT6 from Tetraodon. <i>Fish and Shellfish Immunology</i> , 2010, 28, 819-828.	1.6	9
2	Two interleukin-17C-like genes exist in rainbow trout <i>Oncorhynchus mykiss</i> that are differentially expressed and modulated. <i>Developmental and Comparative Immunology</i> , 2010, 34, 491-500.	1.0	73
3	Cloning, expression analysis and bioactivity studies of rainbow trout (<i>Oncorhynchus mykiss</i>) interleukin-22. <i>Cytokine</i> , 2011, 55, 62-73.	1.4	65
4	The interleukins of fish. <i>Developmental and Comparative Immunology</i> , 2011, 35, 1336-1345.	1.0	268
5	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
6	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
7	Bioactivity studies of rainbow trout (<i>Oncorhynchus mykiss</i>) interleukin-6: Effects on macrophage growth and antimicrobial peptide gene expression. <i>Molecular Immunology</i> , 2011, 48, 1903-1916.	1.0	152
8	Regulation and Functions of the IL-10 Family of Cytokines in Inflammation and Disease. <i>Annual Review of Immunology</i> , 2011, 29, 71-109.	9.5	1,441
9	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- γ , IL-10, and IL-22. <i>Journal of Immunology</i> , 2011, 186, 708-721.	0.4	163
10	Fish Cytokines and Immune Response. , 0, , .		33
11	The cytokine networks of adaptive immunity in fish. <i>Fish and Shellfish Immunology</i> , 2013, 35, 1703-1718.	1.6	265
12	Cloning and Characterization of Rainbow Trout Interleukin-17A/F2 (IL-17A/F2) and IL-17 Receptor A: Expression during Infection and Bioactivity of Recombinant IL-17A/F2. <i>Infection and Immunity</i> , 2013, 81, 340-353.	1.0	97
14	The IL-20 subfamily of cytokines " from host defence to tissue homeostasis. <i>Nature Reviews Immunology</i> , 2014, 14, 783-795.	10.6	287
15	Interleukin-10 in Health and Disease. <i>Current Topics in Microbiology and Immunology</i> , 2014, , .	0.7	13
16	The crystal structure of zebrafish IL-22 reveals an evolutionary, conserved structure highly similar to that of human IL-22. <i>Genes and Immunity</i> , 2014, 15, 293-302.	2.2	24
17	Role of IL-22 in Microbial Host Defense. <i>Current Topics in Microbiology and Immunology</i> , 2014, 380, 213-236.	0.7	85
18	Cloning of Interleukin-10 from African Clawed Frog (<i>Xenopus tropicalis</i>), with the Finding of IL-19/20 Homologue in the IL-10 Locus. <i>Journal of Immunology Research</i> , 2015, 2015, 1-10.	0.9	10
19	Molecular cloning, expression analysis and functional characterization of interleukin-22 in So-iny mullet, <i>Liza haematocheila</i> . <i>Molecular Immunology</i> , 2015, 63, 245-252.	1.0	32

#	ARTICLE	IF	CITATIONS
20	Molecular characterisation of four class 2 cytokine receptor family members in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Developmental and Comparative Immunology</i> , 2015, 48, 43-54.	1.0	16
21	The Function of Fish Cytokines. <i>Biology</i> , 2016, 5, 23.	1.3	413
22	Vertebrate Cytokines and Their Evolution. , 2016, , 87-150.		29
23	Identification of interleukin genes in <i>Pogona vitticeps</i> using a de novo transcriptome assembly from RNA-seq data. <i>Immunogenetics</i> , 2016, 68, 719-731.	1.2	3
24	Individual monitoring of immune responses in rainbow trout after cohabitation and intraperitoneal injection challenge with <i>Yersinia ruckeri</i> . <i>Fish and Shellfish Immunology</i> , 2016, 55, 469-478.	1.6	23
25	Interleukin-26: An Emerging Player in Host Defense and Inflammation. <i>Journal of Innate Immunity</i> , 2016, 8, 15-22.	1.8	35
26	Analysis of adipose tissue immune gene expression after vaccination of rainbow trout with adjuvanted bacterins reveals an association with side effects. <i>Molecular Immunology</i> , 2017, 88, 89-98.	1.0	24
27	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
28	Induction of IL-22 protein and IL-22-producing cells in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Developmental and Comparative Immunology</i> , 2019, 101, 103449.	1.0	18
29	Analysis of the Gale in the Bohai Sea Caused by Tropical Cyclone "Yagi". <i>Advances in Meteorology</i> , 2019, 2019, 1-15.	0.6	2
30	Functional characterization of interleukin (IL)-22 and its inhibitor, IL-22 binding protein (IL-22BP) in Mandarin fish, <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2019, 97, 88-97.	1.0	27
31	Studies on the Use of Flagellin as an Immunostimulant and Vaccine Adjuvant in Fish Aquaculture. <i>Frontiers in Immunology</i> , 2018, 9, 3054.	2.2	58
32	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
33	Functional characterization of an interleukin 20 like homologue in grass carp <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2021, 115, 43-57.	1.6	7
34	IL-26 contributes to host defense against intracellular bacteria. <i>Journal of Clinical Investigation</i> , 2019, 129, 1926-1939.	3.9	42
35	Expression of Interleukin-26 is upregulated in inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2017, 23, 5519.	1.4	29
37	Genome-wide identification and evolution of interleukins and their potential roles in response to GCRV and <i>Aeromonas hydrophila</i> challenge in grass carp (<i>Ctenopharyngodon idella</i>). <i>Aquaculture</i> , 2022, 556, 738266.	1.7	1
39	Molecular characterization and expression analysis of IL-10 and IL-20L genes in swamp eel (<i>Monopterus albus</i>). <i>Journal of Fish Diseases</i> , 2017, 40, 107-115.	0.7	3

#	ARTICLE	IF	CITATIONS
40	Molecular identification and functional exploration of interleukin-20 in snakehead (<i>Channa argus</i>) involved in bacterial invasion and the proliferation of head kidney leukocytes. <i>Fish and Shellfish Immunology</i> , 2022, 127, 623-632.	1.6	5
41	Studies on the molecular level changes and potential resistance mechanism of <i>Coreius guichenoti</i> under temperature stimulation. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	0
42	Grass carp IL-20 binds to IL-20R2 but induces STAT3 phosphorylation via IL-20R1. <i>Fish and Shellfish Immunology</i> , 2023, 132, 108445.	1.6	3
43	Novel insights into the cytokine network of rainbow trout <i>Oncorhynchus mykiss</i> using cell lines and primary leukocyte populations. <i>Fish and Shellfish Immunology</i> , 2023, 137, 108755.	1.6	0