

Isolation and Characterization of Two Different Insulins from *Xenopus laevis**

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Evidence that <i>Xenopus laevis</i> contains two different nonallelic insulin-like growth factor-I genes. <i>Biochemical and Biophysical Research Communications</i> , 1990, 166, 223-230.	2.1	32
2	Two nonallelic insulin genes in <i>Xenopus laevis</i> are expressed differentially during neurulation in prepancreatic embryos.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 7679-7683.	7.1	50
3	Insulin and insulin-like-growth-factor-I (IGF-I) receptors in <i>Xenopus laevis</i> oocytes. Comparison with insulin receptors from liver and muscle. <i>Biochemical Journal</i> , 1991, 273, 673-678.	3.7	62
4	Insulin binding to liver plasma membranes in salmonids with modified plasma insulin levels. <i>Canadian Journal of Zoology</i> , 1991, 69, 2745-2750.	1.0	27
5	Purification and sequencing of molluscan insulin-related peptide I (MIP I) from the neuroendocrine light green cells of <i>Lymnaea stagnalis</i> . <i>Molecular and Cellular Endocrinology</i> , 1992, 85, 141-150.	3.2	29
6	Biosynthesis and axonal transport of multiple molluscan insulin-related peptides by the neuroendocrine light green cells of <i>Lymnaea stagnalis</i> . <i>General and Comparative Endocrinology</i> , 1992, 87, 79-86.	1.8	23
7	Altered gene structure and tissue expression of islet amyloid polypeptide in the chicken.. <i>Molecular Endocrinology</i> , 1994, 8, 713-721.	3.7	27
8	Characterization of insulins and proglucagon-derived peptides from a phylogenetically ancient fish, the paddlefish (<i>Polyodon spathula</i>). <i>Biochemical Journal</i> , 1994, 300, 339-345.	3.7	41
9	Purification and structural characterization of insulin from a caecilian, <i>Typhlonectes natans</i> (Amphibia: Gymnophiona). <i>Peptides</i> , 1995, 16, 1385-1388.	2.4	15
10	Isolation and characterization of muscovy (<i>Cairna moschata</i>) duck insulin. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1996, 114, 19-26.	1.6	6
11	Characterization of an insulin from the three-toed amphiuma (Amphibia: Urodela) with an N-terminally extended A-chain and high receptor-binding affinity. <i>Biochemical Journal</i> , 1996, 313, 283-287.	3.7	19
12	Purification and Structural Characterization of Insulin from the Lesser Siren, <i>Siren intermedia</i> (Amphibia: Caudata). <i>General and Comparative Endocrinology</i> , 1997, 106, 295-300.	1.8	14
13	Primary Structure of Insulin from the African Lungfish, <i>Protopterus annectens</i> . <i>General and Comparative Endocrinology</i> , 1997, 107, 421-427.	1.8	16
14	Physiological significance of behavioral hypothermia in hypoglycemic frogs (<i>Rana catesbeiana</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 1998, 119, 957-961.	1.8	14
15	Effect of carbohydrates upon insulin secretion in <i>Bufo arenarum</i> (Amphibia:Bufonidae). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1998, 121, 111-115.	1.6	6
16	Two Molecular Forms of Insulin from Barfin Flounder, <i>Verasper moseri</i> , are Derived from a Single Gene. <i>Zoological Science</i> , 1998, 15, 931-937.	0.7	12
17	Purification and Characterization of Insulin, Glucagon, and Two Glucagon-Like Peptides with Insulin-Releasing Activity from the Pancreas of the Toad, <i>Bufo marinus</i> 1. <i>Endocrinology</i> , 1998, 139, 3442-3448.	2.8	16
18	Freeze tolerance in the wood frog <i>Rana sylvatica</i> is associated with unusual structural features in insulin but not in glucagon. <i>Journal of Molecular Endocrinology</i> , 1998, 21, 153-159.	2.5	32

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19	Multiple Forms of Glucagon and Somatostatin Isolated from the Intestine of the Southern-Hemisphere Lamprey <i>Geotria australis</i> . <i>General and Comparative Endocrinology</i> , 1999, 113, 274-282.	1.8	19
20	Endocrine Pancreatic Cells from <i>Xenopus laevis</i> : Light and Electron Microscopic Studies. <i>General and Comparative Endocrinology</i> , 1999, 114, 191-205.	1.8	8
21	Insulin and Proglucagon-Derived Peptides from the Horned Frog, <i>Ceratophrys ornata</i> (Anura:Leptodactylidae). <i>General and Comparative Endocrinology</i> , 1999, 115, 143-154.	1.8	12
22	Purification and Characterization of Insulin from the Australian Lungfish, <i>Neoceratodus forsteri</i> (Dipnoi). <i>General and Comparative Endocrinology</i> , 1999, 116, 1-9.	1.8	9
23	Possible Relationship between the B-Cell Threshold for Glucose-Induced Insulin Secretion and Blood Glucose Concentrations in the Normal Toad. <i>General and Comparative Endocrinology</i> , 2000, 118, 8-13.	1.8	3
24	Islet Hormones from the African Bullfrog <i>Pyxicephalus adspersus</i> (Anura:Ranidae): Structural Characterization and Phylogenetic Implications. <i>General and Comparative Endocrinology</i> , 2000, 119, 85-94.	1.8	7
25	Molecular Evolution of Insulin in Non-Mammalian Vertebrates. <i>American Zoologist</i> , 2000, 40, 200-212.	0.7	8
26	Molecular Evolution of Insulin in Non-Mammalian Vertebrates ¹ . <i>American Zoologist</i> , 2000, 40, 200-212.	0.7	33
27	Proinsulin cDNAs from the leopard frog, <i>Rana pipiens</i> : evolution of proinsulin processing. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 125, 405-410.	1.6	1
28	Characterization of insulin and atypically processed proglucagon-derived peptides from the Surinam toad <i>Pipa pipa</i> (Anura:Pipidae). <i>Peptides</i> , 2000, 21, 1355-1360.	2.4	7
29	Evolution of the insulin molecule: insights into structure-activity and phylogenetic relationships. <i>Peptides</i> , 2001, 22, 1183-1193.	2.4	115
30	Molecular cloning of preproinsulin cDNAs from several osteoglossomorphs and a cyprinid. <i>Molecular and Cellular Endocrinology</i> , 2001, 174, 51-58.	3.2	12
31	Amphibian glucagon family peptides: potent metabolic regulators in fish hepatocytes. <i>Regulatory Peptides</i> , 2001, 99, 111-118.	1.9	9
32	A sensitive chemiluminescent enzyme immunoassay for the bioanalysis of carboxyl-terminal B-chain analogues of human insulin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 26, 53-61.	2.8	19
33	Purification, Characterization, and Biological Activity of Insulins from the Spotted Dogfish, <i>Scyliorhinus canicula</i> , and the Hammerhead Shark, <i>Sphyrna lewini</i> . <i>General and Comparative Endocrinology</i> , 2002, 126, 113-122.	1.8	29
34	Three-dimensional Structural Interactions of Insulin and Its Receptor. <i>Journal of Biological Chemistry</i> , 2003, 278, 27329-27332.	3.4	41
35	Germ layers to organs: Using <i>Xenopus</i> to study <i>œlater</i> development. <i>Seminars in Cell and Developmental Biology</i> , 2006, 17, 133-145.	5.0	35
36	Neuroendocrinology of protochordates: Insights from <i>Ciona</i> genomics. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2006, 144, 254-271.	1.8	52

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37	Isolation and characterization of insulin in Russian sturgeon (<i>Acipenser guldenstaedti</i>). Chemical Biology and Drug Design, 1998, 51, 395-400.	1.1	15
38	Insights in regulated bioanalysis of human insulin and insulin analogs by immunoanalytical methods. Bioanalysis, 2011, 3, 883-898.	1.5	11
39	Purification and functional characterization of pancreatic insulin from camel (<i>Camelus</i>). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,662 Td (dr	3.8	5
40	Insulin-like factor regulates neural induction through an IGF1 receptor-independent mechanism. Scientific Reports, 2015, 5, 11603.	3.3	4
41	Transgenic hyperinsulinemia: A mouse model of insulin resistance and glucose intolerance without obesity. , 1996, , 201-224.		19
42	Pancreatic Hormones and Metabolism in Ectotherm Vertebrates: Current Views. , 1993, , 265-287.		20
43	Insulin Metabolic Effects in Fish Tissues. , 2020, , 30-42.		2