

CITATION REPORT

List of articles citing

Expression and functional characterization of a
Drosophila neuropeptide precursor with homology to
mammalian preprotachykinin A

DOI: 10.1074/jbc.m002875200

Journal of Biological Chemistry, 2000, 275, 23273-80.

Source: <https://exaly.com/paper-pdf/31948698/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
127	Identification of multiple urechistachykinin peptides, gene expression, pharmacological activity, and detection using mass spectrometric analyses. 2000 , 21, 1777-83		18
126	Molecular cloning, genomic organization, and expression of a B-type (cricket-type) allatostatin preprohormone from <i>Drosophila melanogaster</i> . 2001 , 281, 544-50		94
125	Molecular cloning, genomic organization, and expression of a C-type (<i>Manduca sexta</i> -type) allatostatin preprohormone from <i>Drosophila melanogaster</i> . 2001 , 282, 124-30		69
124	Pharmacological characterization of STKR, an insect G protein-coupled receptor for tachykinin-like peptides. 2001 , 48, 39-49		23
123	A putative tachykinin receptor in the cockroach brain: molecular cloning and analysis of expression by means of antisera to portions of the receptor protein. 2001 , 919, 94-105		25
122	Neuropeptides and neuropeptide receptors in the <i>Drosophila melanogaster</i> genome. 2001 , 11, 1126-42		434
121	Peptidomics of the larval <i>Drosophila melanogaster</i> central nervous system. <i>Journal of Biological Chemistry</i> , 2002 , 277, 40368-74	5.4	220
120	Molecular cloning and functional expression of the first insect FMRFamide receptor. 2002 , 99, 12073-8		111
119	Ance, a <i>Drosophila</i> angiotensin-converting enzyme homologue, is expressed in imaginal cells during metamorphosis and is regulated by the steroid, 20-hydroxyecdysone. 2002 , 367, 187-93		29
118	Neuropeptides in the nervous system of <i>Drosophila</i> and other insects: multiple roles as neuromodulators and neurohormones. 2002 , 68, 1-84		375
117	Inactivation of a tachykinin-related peptide: identification of four neuropeptide-degrading enzymes in neuronal membranes of insects from four different orders. 2002 , 23, 725-33		30
116	Functional analysis of synthetic insect tachykinin analogs on recombinant neurokinin receptor expressing cell lines. 2002 , 23, 1999-2005		11
115	Peptidyl dipeptidases (Ance and Acer) of <i>Drosophila melanogaster</i> : major differences in the substrate specificity of two homologs of human angiotensin I-converting enzyme. 2002 , 23, 2025-34		30
114	A novel tachykinin-related peptide receptor. Sequence, genomic organization, and functional analysis. 2002 , 269, 4238-46		17
113	Neurosecretory identity conferred by the apterous gene: lateral horn leucokinin neurons in <i>Drosophila</i> . 2003 , 457, 123-32		26
112	Neuronal expression of tachykinin-related peptides and gene transcript during postembryonic development of <i>Drosophila</i> . 2003 , 464, 180-96		61
111	Identification of a tachykinin-related neuropeptide from the honeybee brain using direct MALDI-TOF MS and its gene expression in worker, queen and drone heads. 2003 , 12, 291-8		53

110	The drosophila angiotensin-converting enzyme homologue Ance is required for spermiogenesis. 2003 , 254, 238-47		52
109	G protein-coupled receptors in invertebrates: a state of the art. 2003 , 230, 189-261		36
108	Identification of Drosophila neuropeptide receptors by G protein-coupled receptors-beta-arrestin2 interactions. <i>Journal of Biological Chemistry</i> , 2003 , 278, 52172-8	5-4	103
107	Drosophila neuropeptide signaling. 2003 , 49, 1-65		78
106	Tachykinin and tachykinin receptor of an ascidian, Ciona intestinalis: evolutionary origin of the vertebrate tachykinin family. <i>Journal of Biological Chemistry</i> , 2004 , 279, 53798-805	5-4	63
105	APSGFLGMRamide is a unique tachykinin-related peptide in crustaceans. 2004 , 271, 1546-56		35
104	Prepro-tachykinin gene expression in the brain of the honeybee Apis mellifera. <i>Cell and Tissue Research</i> , 2004 , 316, 281-93	4-2	52
103	Identification of a proctolin prohormone gene (Proct) of Drosophila melanogaster: expression and predicted prohormone processing. 2004 , 58, 379-91		42
102	Tachykinins and tachykinin receptors: a growing family. 2004 , 74, 1445-63		355
101	Tachykinin-related peptide precursors in two cockroach species. 2005 , 272, 3365-75		42
100	Organization and evolutionary trends of primary olfactory brain centers in Tetraconata (Crustacea+Hexapoda). 2005 , 34, 257-299		184
99	Genome-wide survey of V-ATPase genes in Drosophila reveals a conserved renal phenotype for lethal alleles. 2005 , 22, 128-38		85
98	Sulphonylurea sensitivity and enriched expression implicate inward rectifier K ⁺ channels in Drosophila melanogaster renal function. <i>Journal of Experimental Biology</i> , 2005 , 208, 3771-83	3	52
97	Insect neuropeptide and peptide hormone receptors: current knowledge and future directions. 2005 , 73, 217-82		35
96	Two cleavage products of the Drosophila accessory gland protein ovulin can independently induce ovulation. 2005 , 102, 743-8		80
95	Identification and characterization of a tachykinin-containing neuroendocrine organ in the commissural ganglion of the crab Cancer productus. <i>Journal of Experimental Biology</i> , 2005 , 208, 3303-19 ³		41
94	Drosophila melanogaster NEP2 is a new soluble member of the neprilysin family of endopeptidases with implications for reproduction and renal function. 2005 , 386, 357-66		33
93	Pharmacology of stomoxytachykinin receptor depends on second messenger system. 2005 , 26, 109-14		17

92	The distribution and activity of tachykinin-related peptides in the blood-feeding bug, <i>Rhodnius prolixus</i> . 2005 , 26, 43-51		18
91	Tachykinin-related peptides modulate odor perception and locomotor activity in <i>Drosophila</i> . 2006 , 31, 399-406		94
90	Direct mass spectrometric peptide profiling and fragmentation of larval peptide hormone release sites in <i>Drosophila melanogaster</i> reveals tagma-specific peptide expression and differential processing. 2006 , 96, 1362-74		85
89	Characterization of tachykinin-related peptides from different insect species on <i>Drosophila</i> tachykinin receptor-expressing cell line. 2006 , 68, 284-6		
88	The adult <i>Drosophila</i> posterior midgut is maintained by pluripotent stem cells. 2006 , 439, 470-4		773
87	Neuropeptides in interneurons of the insect brain. <i>Cell and Tissue Research</i> , 2006 , 326, 1-24	4.2	137
86	Widely distributed <i>Drosophila</i> G-protein-coupled receptor (CG7887) is activated by endogenous tachykinin-related peptides. 2006 , 66, 33-46		74
85	Structure, Function and Mode of Action of Select Arthropod Neuropeptides. 2006 , 33, 69-139		27
84	In silico identification of new secretory peptide genes in <i>Drosophila melanogaster</i> . 2006 , 5, 510-22		74
83	Male accessory glands of <i>Drosophila melanogaster</i> make a secreted angiotensin I-converting enzyme (ANCE), suggesting a role for the peptide-processing enzyme in seminal fluid. <i>Journal of Experimental Biology</i> , 2007 , 210, 3601-6	3	35
82	Functional comparison of two evolutionary conserved insect neurokinin-like receptors. 2007 , 28, 103-8		24
81	Angiotensin-converting enzyme as a target for the development of novel insect growth regulators. 2007 , 28, 153-62		31
80	Expression of NEP2, a soluble neprilysin-like endopeptidase, during embryogenesis in <i>Drosophila melanogaster</i> . 2007 , 28, 127-35		15
79	Neuroarchitecture of peptidergic systems in the larval ventral ganglion of <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2007 , 2, e695	3.7	48
78	Identification, physiological actions, and distribution of TPSGFLGMRamide: a novel tachykinin-related peptide from the midgut and stomatogastric nervous system of Cancer crabs. 2007 , 101, 1351-66		36
77	A novel tachykinin-related peptide receptor of <i>Octopus vulgaris</i> --evolutionary aspects of invertebrate tachykinin and tachykinin-related peptide. 2007 , 274, 2229-39		24
76	Regulatory peptides in fruit fly midgut. <i>Cell and Tissue Research</i> , 2008 , 334, 499-516	4.2	206
75	Intrinsic neurons of <i>Drosophila</i> mushroom bodies express short neuropeptide F: relations to extrinsic neurons expressing different neurotransmitters. 2008 , 507, 1479-96		87

74	Ion transport peptide splice forms in central and peripheral neurons throughout postembryogenesis of <i>Drosophila melanogaster</i> . 2008 , 509, 23-41		57
73	In silico analyses of peptide paracrines/hormones in Aphidoidea. 2008 , 159, 67-79		69
72	A large population of diverse neurons in the <i>Drosophila</i> central nervous system expresses short neuropeptide F, suggesting multiple distributed peptide functions. 2008 , 9, 90		112
71	Identification of a tachykinin-related peptide with orexigenic properties in the German cockroach. 2008 , 29, 386-92		12
70	Identification and cardiotropic actions of brain/gut-derived tachykinin-related peptides (TRPs) from the American lobster <i>Homarus americanus</i> . 2008 , 29, 1909-18		33
69	Metabolic Systems. 2008 , 293-355		22
68	Presynaptic peptidergic modulation of olfactory receptor neurons in <i>Drosophila</i> . 2009 , 106, 13070-5		136
67	Adenomatous polyposis coli regulates <i>Drosophila</i> intestinal stem cell proliferation. 2009 , 136, 2255-64		139
66	Neuropeptidases and the metabolic inactivation of insect neuropeptides. 2009 , 162, 8-17		41
65	Peptidergic paracrine and endocrine cells in the midgut of the fruit fly maggot. <i>Cell and Tissue Research</i> , 2009 , 336, 309-23	4.2	91
64	Analysis of neuropeptide expression and localization in adult <i>Drosophila melanogaster</i> central nervous system by affinity cell-capture mass spectrometry. 2009 , 8, 1271-84		42
63	Characterization and distribution of NKD, a receptor for <i>Drosophila</i> tachykinin-related peptide 6. 2009 , 30, 545-56		64
62	The evolutionarily conserved RNA binding protein SMOOTH is essential for maintaining normal muscle function. <i>Fly</i> , 2009 , 3, 235-46	1.3	9
61	The leucokinin pathway and its neurons regulate meal size in <i>Drosophila</i> . 2010 , 20, 969-78		129
60	Conserved genetic pathways controlling the development of the diffuse endocrine system in vertebrates and <i>Drosophila</i> . 2010 , 166, 462-9		13
59	Insect Peptide Hormones. 2010 , 575-595		
58	Metabolic stress responses in <i>Drosophila</i> are modulated by brain neurosecretory cells that produce multiple neuropeptides. <i>PLoS ONE</i> , 2010 , 5, e11480	3.7	67
57	Genomics and peptidomics of neuropeptides and protein hormones present in the parasitic wasp <i>Nasonia vitripennis</i> . 2010 , 9, 5296-310		136

56	Tachykinin-related peptides and their receptors in invertebrates: a current view. 2010 , 31, 520-4		68
55	Development of the <i>Drosophila</i> entero-endocrine lineage and its specification by the Notch signaling pathway. 2011 , 353, 161-72		50
54	Chemical neuroanatomy of the <i>Drosophila</i> central complex: distribution of multiple neuropeptides in relation to neurotransmitters. 2011 , 519, 290-315		74
53	Regulation of insulin-producing cells in the adult <i>Drosophila</i> brain via the tachykinin peptide receptor DTKR. <i>Journal of Experimental Biology</i> , 2011 , 214, 4201-8	3	67
52	More than two decades of research on insect neuropeptide GPCRs: an overview. <i>Frontiers in Endocrinology</i> , 2012 , 3, 151	5.7	113
51	Insulin-producing cells and their regulation in physiology and behavior of <i>Drosophila</i> 1 This review is part of a virtual symposium on recent advances in understanding a variety of complex regulatory processes in insect physiology and endocrinology, including development, metabolism, cold handling, food intake and digestion, and diapause, through the use of recent technologies in the		21
50	Peptidomics of the agriculturally damaging larval stage of the cabbage root fly <i>Delia radicum</i> (Diptera: Anthomyiidae). <i>PLoS ONE</i> , 2012 , 7, e41543	3.7	33
49	Neuropeptides in insect mushroom bodies. 2012 , 41, 199-226		29
48	Factors that regulate insulin producing cells and their output in <i>Drosophila</i> . <i>Frontiers in Physiology</i> , 2013 , 4, 252	4.6	165
47	Phylogenetic investigation of Peptide hormone and growth factor receptors in five dipteran genomes. <i>Frontiers in Endocrinology</i> , 2013 , 4, 193	5.7	32
46	Metabolic Systems. 2013 , 305-364		16
45	Tachykinin Peptides. 2013 , 315-320		
44	Control of lipid metabolism by tachykinin in <i>Drosophila</i> . <i>Cell Reports</i> , 2014 , 9, 40-47	10.6	118
43	Neurokinin B and reproductive functions: "KNDy neuron" model in mammals and the emerging story in fish. 2014 , 208, 94-108		26
42	The Transcription Factor Dimmed Affects Neuronal Growth and Differentiation in Multiple Ways Depending on Neuron Type and Developmental Stage. 2016 , 9, 97		10
41	Expression of RYamide in the nervous and endocrine system of <i>Bombyx mori</i> . 2016 , 80, 72-79		17
40	Transcriptomic identification of starfish neuropeptide precursors yields new insights into neuropeptide evolution. 2016 , 6, 150224		80
39	Insulin/IGF signaling in <i>Drosophila</i> and other insects: factors that regulate production, release and post-release action of the insulin-like peptides. 2016 , 73, 271-90		171

38	High-resolution AP-SMALDI mass spectrometry imaging of <i>Drosophila melanogaster</i> . 2017 , 416, 1-19		19
37	EGFR-dependent TOR-independent endocycles support <i>Drosophila</i> gut epithelial regeneration. 2017 , 8, 15125		50
36	Comparative biology of pain: What invertebrates can tell us about how nociception works. 2017 , 117, 1461-1473		22
35	Role of a tachykinin-related peptide and its receptor in modulating the olfactory sensitivity in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel). <i>Insect Biochemistry and Molecular Biology</i> , 2017 , 80, 71-78 ^{4.5}		14
34	Increased complexity of mushroom body Kenyon cell subtypes in the brain is associated with behavioral evolution in hymenopteran insects. 2017 , 7, 13785		10
33	Distribution of tachykinin-related peptides in the brain of the tobacco budworm <i>Heliothis virescens</i> . 2017 , 525, 3918-3934		5
32	Discovery of leucokinin-like neuropeptides that modulate a specific parameter of feeding motor programs in the molluscan model,. <i>Journal of Biological Chemistry</i> , 2017 , 292, 18775-18789	5.4	13
31	bHLH proneural genes as cell fate determinants of entero-endocrine cells, an evolutionarily conserved lineage sharing a common root with sensory neurons. 2017 , 431, 36-47		7
30	Expression and functional characterization of tachykinin-related peptides in the blood-feeding bug, <i>Rhodnius prolixus</i> . 2018 , 99, 247-254		4
29	Gut-A Nexus Between Dietary Restriction and Lifespan. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	6
28	Recent advances in neuropeptide signaling in <i>Drosophila</i> , from genes to physiology and behavior. 2019 , 179, 101607		118
27	The Cellular Diversity and Transcription Factor Code of <i>Drosophila</i> Enteroendocrine Cells. <i>Cell Reports</i> , 2019 , 29, 4172-4185.e5	10.6	36
26	Tachykinins: Neuropeptides That Are Ancient, Diverse, Widespread and Functionally Pleiotropic. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1262	5.1	36
25	Assessment of midgut enteroendocrine peptide complement in the honey bee, <i>Apis mellifera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020 , 116, 103257	4.5	3
24	Physiological and Pathological Regulation of Peripheral Metabolism by Gut-Peptide Hormones in. <i>Frontiers in Physiology</i> , 2020 , 11, 577717	4.6	3
23	Two Tachykinin-Related Peptides with Antimicrobial Activity Isolated from Hemolymph. <i>Microbiology Insights</i> , 2020 , 13, 1178636120933635	2.5	2
22	Metabolic control of daily locomotor activity mediated by tachykinin in <i>Drosophila</i> . <i>Communications Biology</i> , 2021 , 4, 693	6.7	1
21	Insect Gut Regeneration. <i>Cold Spring Harbor Perspectives in Biology</i> , 2021 ,	10.2	1

20	Fly Cell Atlas: a single-cell transcriptomic atlas of the adult fruit fly.		16
19	Neuropeptide receptors as possible targets for development of insect pest control agents. <i>Advances in Experimental Medicine and Biology</i> , 2010 , 692, 211-26	3.6	32
18	<i>Drosophila</i> Neuropeptides. 2003 , 421-430		2
17	Heart Development and Function. 2005 , 199-250		15
16	Intestinal peptides as circulating hormones: release of tachykinin-related peptide from the locust and cockroach midgut. <i>Journal of Experimental Biology</i> , 2001 , 204, 1269-1280	3	67
15	Insulin production and signaling in renal tubules of <i>Drosophila</i> is under control of tachykinin-related peptide and regulates stress resistance. <i>PLoS ONE</i> , 2011 , 6, e19866	3.7	55
14	A Systematic Analysis of <i>Drosophila</i> Regulatory Peptide Expression in Enteroendocrine Cells. <i>Molecules and Cells</i> , 2016 , 39, 358-66	3.5	31
13	Tachykinin acts upstream of autocrine Hedgehog signaling during nociceptive sensitization in <i>Drosophila</i> . <i>ELife</i> , 2015 , 4, e10735	8.9	42
12	Identification of Neuropeptide Receptors from the Brain of the Bean Pod Borer, <i>Maruca vitrata</i> . <i>Journal of Asia-Pacific Entomology</i> , 2021 , 25, 101845-101845	1.4	
11	Enteric Pathogens Modulate Metabolic Homeostasis in the <i>Drosophila melanogaster</i> host.. <i>Microbes and Infection</i> , 2022 , 104946	9.3	
10	Neuropeptides in <i>Rhipicephalus microplus</i> and other hard ticks.. <i>Ticks and Tick-borne Diseases</i> , 2022 , 13, 101910	3.6	1
9	Nutrient Sensing via Gut in .. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
8	Fly Cell Atlas: A single-nucleus transcriptomic atlas of the adult fruit fly.. <i>Science</i> , 2022 , 375, eabk2432	33.3	23
7	Data_Sheet_1.PDF. 2019 ,		
6	Data_Sheet_2.PDF. 2019 ,		
5	Interorgan communication through peripherally derived peptide hormones in .. <i>Fly</i> , 2022 , 16, 152-176	1.3	1
4	Expression analysis of peptidergic enteroendocrine cells in the silkworm <i>Bombyx mori</i> . <i>Cell and Tissue Research</i> ,	4.2	0
3	TAC3/TACR3 System Function in the Catadromous Migration Teleost, <i>Anguilla japonica</i> . <i>Frontiers in Endocrinology</i> , 13,	5.7	0

2 Metabolic systems. **2023**, 297-357

o

1 Multiple tachykinins and their receptors characterized in the gastropod mollusk Pacific abalone: Expression, signaling cascades, and potential role in regulating lipid metabolism. 13,

o