

Islet-1 Controls the Differentiation of Retinal Bipolar and

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Conserved Role of the Vsx Genes Supports a Monophyletic Origin for Bilaterian Visual Systems. <i>Current Biology</i> , 2008, 18, 1278-1287.	1.8	58
2	Aseptic Meningitis among Children in Kuwait. <i>Medical Principles and Practice</i> , 2008, 17, 122-125.	1.1	4
3	The LIM-Homeobox Gene <i>Isl1</i> Is Required for the Development of Restricted Forebrain Cholinergic Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 3291-3297.	1.7	74
4	Gene-regulation logic in retinal ganglion cell development: <i>Isl1</i> defines a critical branch distinct from but overlapping with <i>Pou4f2</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6942-6947.	3.3	144
5	<i>ISL1</i> and <i>BRN3B</i> co-regulate the differentiation of murine retinal ganglion cells. <i>Development (Cambridge)</i> , 2008, 135, 1981-1990.	1.2	172
6	A Core Paired-Type and POU Homeodomain-Containing Transcription Factor Program Drives Retinal Bipolar Cell Gene Expression. <i>Journal of Neuroscience</i> , 2008, 28, 7748-7764.	1.7	105
7	Discovery of a Novel Prolactin in Non-Mammalian Vertebrates: Evolutionary Perspectives and Its Involvement in Teleost Retina Development. <i>PLoS ONE</i> , 2009, 4, e6163.	1.1	54
8	Subtype Specification of GABAergic Amacrine Cells by the Orphan Nuclear Receptor <i>Nr4a2/Nurr1</i> . <i>Journal of Neuroscience</i> , 2009, 29, 10449-10459.	1.7	37
9	Retinal horizontal cells: challenging paradigms of neural development and cancer biology. <i>Development (Cambridge)</i> , 2009, 136, 2141-2151.	1.2	45
10	<i>BARHL2</i> Differentially Regulates the Development of Retinal Amacrine and Ganglion Neurons. <i>Journal of Neuroscience</i> , 2009, 29, 3992-4003.	1.7	66
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13	Expression of the mouse PR domain protein <i>Prdm8</i> in the developing central nervous system. <i>Gene Expression Patterns</i> , 2009, 9, 503-514.	0.3	29
14	Abnormal retinal development in the <i>Btrc</i> null mouse. <i>Developmental Dynamics</i> , 2009, 238, 2680-2687.	0.8	16
15	LIM family transcription factors regulate the subtype-specific morphogenesis of retinal horizontal cells at post-migratory stages. <i>Developmental Biology</i> , 2009, 330, 318-328.	0.9	27
16	Eye evolution at high resolution: The neuron as a unit of homology. <i>Developmental Biology</i> , 2009, 332, 70-79.	0.9	54
17	Altered retinal cell differentiation in the Δ mutant (<i>Mocha</i>) mouse. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 701-708.	0.7	5
18	Early evolution of the LIM homeobox gene family. <i>BMC Biology</i> , 2010, 8, 4.	1.7	77

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19	Immunocytochemical evidence for SNARE protein-dependent transmitter release from guinea pig horizontal cells. <i>European Journal of Neuroscience</i> , 2010, 31, 1388-1401.	1.2	24
20	Heterogeneity of Glia in the Retina and Optic Nerve of Birds and Mammals. <i>PLoS ONE</i> , 2010, 5, e10774.	1.1	60
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22	MATH5 controls the acquisition of multiple retinal cell fates. <i>Molecular Brain</i> , 2010, 3, 36.	1.3	72
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50	SOX2 maintains the quiescent progenitor cell state of postnatal retinal Müller glia. <i>Development (Cambridge)</i> , 2013, 140, 1445-1456.	1.2	95
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52	Survey on Amacrine Cells Coupling to Retrograde-Identified Ganglion Cells in the Mouse Retina. , 2013, 54, 5151.		23
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84	Amyloid Precursor-Like Protein 2 deletion-induced retinal synaptopathy related to congenital stationary night blindness: structural, functional and molecular characteristics. <i>Molecular Brain</i> , 2016, 9, 64.	1.3	9
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107	Generation and characterization of Lhx4 tdT reporter knockin and Lhx4 loxP conditional knockout mice. <i>Genesis</i> , 2019, 57, e23328.	0.8	5
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117	Molecular Fingerprint of Amphioxus Frontal Eye Illuminates the Evolution of Homologous Cell Types in the Chordate Retina. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 705.	1.8	5
118	Simultaneous deletion of <i>Prdm1</i> and <i>Vsx2</i> enhancers in the retina alters photoreceptor and bipolar cell fate specification, yet differs from deleting both genes. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	22
119	<i>Prdm1</i> overexpression causes a photoreceptor fate-shift in nascent, but not mature, bipolar cells. <i>Developmental Biology</i> , 2020, 464, 111-123.	0.9	17
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128	<i>Islet1</i> Precursors Contribute to Mature Interneuron Subtypes in Mouse Neocortex. <i>Cerebral Cortex</i> , 2021, 31, 5206-5224.	1.6	3

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130	The RNA-binding protein and stress granule component <i>ATAXIN2</i> is expressed in mouse and human tissues associated with glaucoma pathogenesis. <i>Journal of Comparative Neurology</i> , 2022, 530, 537-552.	0.9	3
131	Genetically engineered stem cell-derived retinal grafts for improved retinal reconstruction after transplantation. <i>IScience</i> , 2021, 24, 102866.	1.9	15
132	Development of the vertebrate retinal direction-selective circuit. <i>Developmental Biology</i> , 2021, 477, 273-283.	0.9	13
133	Development and diversification of bipolar interneurons in the mammalian retina. <i>Developmental Biology</i> , 2022, 481, 30-42.	0.9	15
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136	Rathke's cleft-like cysts arise from <i>Isl1</i> deletion in murine pituitary progenitors. <i>Journal of Clinical Investigation</i> , 2020, 130, 4501-4515.	3.9	9
137	The Role of <i>egr1</i> in Early Zebrafish Retinogenesis. <i>PLoS ONE</i> , 2013, 8, e56108.	1.1	26
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141	The LIM protein complex establishes a retinal circuitry of visual adaptation by regulating <i>Pax6</i> enhancer activity. <i>ELife</i> , 2017, 6, .	2.8	20
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146	Circadian clocks, retinogenesis and ocular health in vertebrates: new molecular insights. <i>Developmental Biology</i> , 2022, 484, 40-56.	0.9	5
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160	Timed Notch Inhibition Drives Photoreceptor Fate Specification in Human Retinal Organoids. , 2022, 63, 12.		10
161	Cellular and Molecular Determinants of Retinal Cell Fate. <i>Annual Review of Vision Science</i> , 2022, 8, 79-99.	2.3	7

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164	<i>Neurog2</i> regulates <i>Isl1</i> to modulate horizontal cell number. <i>Development (Cambridge)</i> , 0, .	1.2	0
165	Key transcription factors influence the epigenetic landscape to regulate retinal cell differentiation. <i>Nucleic Acids Research</i> , 2023, 51, 2151-2176.	6.5	4
166	Retinal Development in a Precocial Bird Species, the Quail (<i>Coturnix coturnix</i> , Linnaeus 1758). <i>Cells</i> , 2023, 12, 989.	1.8	0