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Mice lacking the homeodomain transcription factor Nkx2.2 have diabetes due to arrested differentiation of pancreatic beta cells

DOI: PM/9584121

Development (Cambridge), 1998, 125, 2213-21.

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#	Paper	IF	Citations
226	Paired-homeodomain transcription factor PAX4 acts as a transcriptional repressor in early pancreatic development. 1999 , 19, 8272-80		142
225	Regulation of the pancreatic islet-specific gene BETA2 (neuroD) by neurogenin 3. 2000 , 20, 3292-307		244
224	Functional conservation of regulatory elements in the pdx-1 gene: PDX-1 and hepatocyte nuclear factor 3beta transcription factors mediate beta-cell-specific expression. 2000 , 20, 7583-90		99
223	neurogenin3 is required for the development of the four endocrine cell lineages of the pancreas. 2000 , 97, 1607-11		1166
222	Phenotypic characterization of the murine Nkx2.6 homeobox gene by gene targeting. 2000 , 20, 2874-9		37
221	Transcription factor hepatocyte nuclear factor 6 regulates pancreatic endocrine cell differentiation and controls expression of the proendocrine gene ngn3. 2000 , 20, 4445-54		284
220	Intramolecular control of transcriptional activity by the NK2-specific domain in NK-2 homeodomain proteins. 2000 , 97, 9443-8		83
219	Key events of pancreas formation are triggered in gut endoderm by ectopic expression of pancreatic regulatory genes. 2001 , 15, 444-54		227
218	Profound defects in pancreatic beta-cell function in mice with combined heterozygous mutations in Pdx-1, Hnf-1alpha, and Hnf-3beta. 2002 , 99, 3818-23		84
217	Sequence-specific DNA binding by the vnd/NK-2 homeodomain of Drosophila. 2002 , 99, 12721-6		16
216	Neuroendocrine differentiation factor, IA-1, is a transcriptional repressor and contains a specific DNA-binding domain: identification of consensus IA-1 binding sequence. 2002 , 30, 1038-45		69
215	Pancreatic cell lineage analyses in mice. 2002 , 19, 267-78		73
214	Developmental aspects of the endocrine pancreas. 2003 , 4, 5-17		27
213	Opposing actions of Arx and Pax4 in endocrine pancreas development. 2003 , 17, 2591-603		416
212	Upstream stimulatory factor (USF) and neurogenic differentiation/beta-cell E box transactivator 2 (NeuroD/BETA2) contribute to islet-specific glucose-6-phosphatase catalytic-subunit-related protein (IGRP) gene expression. <i>Biochemical Journal</i> , 2003 , 371, 675-86	3.8	31
211	Neurogenin3 triggers beta-cell differentiation of retinoic acid-derived endoderm cells. <i>Biochemical Journal</i> , 2003 , 371, 831-41	3.8	20
210	Lmx1b, Pet-1, and Nkx2.2 coordinately specify serotonergic neurotransmitter phenotype. 2003 , 23, 9961-7		139

209	Ghrelin cells replace insulin-producing beta cells in two mouse models of pancreas development. 2004 , 101, 2924-9	366
208	Proendocrine genes coordinate the pancreatic islet differentiation program in vitro. 2004 , 101, 13245-50	127
207	Developmental biology of the pancreas. 2004 , 40, 127-42	2
206	Islet-derived multipotential cells/progenitor cells. 2004 , 40, 89-102	6
205	Transcriptional networks controlling pancreatic development and beta cell function. 2004 , 47, 597-613	182
204	Distinct regulatory elements mediate the dynamic expression pattern of Nkx3.1. 2005 , 234, 961-73	25
203	Molecular targeting of pancreatic disorders. 2005 , 29, 325-33	13
202	Expression of stem cell markers and transcription factors during the remodeling of the rat pancreas after duct ligation. 2005 , 446, 56-63	38
201	Lack of TCF2/vHNF1 in mice leads to pancreas agenesis. 2005 , 102, 1490-5	209
200	The Nkx6.1 homeodomain transcription factor suppresses glucagon expression and regulates glucose-stimulated insulin secretion in islet beta cells. 2005 , 102, 7297-302	129
199	Contextual interactions determine whether the Drosophila homeodomain protein, Vnd, acts as a repressor or activator. 2005 , 33, 1-12	122
198	Purification and Characterization of a Population of EGFP-Expressing Cells from the Developing Pancreas of a Neurogenin3/EGFP Transgenic Mouse. 2005 , 2, 22-7	8
197	Otx2 regulates subtype specification and neurogenesis in the midbrain. 2005 , 25, 4856-67	119
196	Gata6 is an important regulator of mouse pancreas development. 2006 , 298, 415-29	86
195	IA1 is NGN3-dependent and essential for differentiation of the endocrine pancreas. 2006 , 25, 1344-52	153
194	Meta-analysis discovery of tissue-specific DNA sequence motifs from mammalian gene expression data. 2006 , 7, 229	26
193	Regulation of insulin secretion and beta-cell mass by activating signal cointegrator 2. 2006 , 26, 4553-63	17
192	FoxA2, Nkx2.2, and PDX-1 regulate islet beta-cell-specific mafA expression through conserved sequences located between base pairs -8118 and -7750 upstream from the transcription start site. 2006 , 26, 5735-43	98

191	The zinc-finger factor Insm1 (IA-1) is essential for the development of pancreatic beta cells and intestinal endocrine cells. 2006 , 20, 2465-78		157
190	Sox9 coordinates a transcriptional network in pancreatic progenitor cells. 2007 , 104, 10500-5		190
189	Delineation of multiple subpallial progenitor domains by the combinatorial expression of transcriptional codes. 2007 , 27, 9682-95		433
188	MafB is required for islet beta cell maturation. 2007 , 104, 3853-8		194
187	Nkx2.2 regulates beta-cell function in the mature islet. 2007 , 56, 1999-2007		67
186	Nkx2.2-repressor activity is sufficient to specify alpha-cells and a small number of beta-cells in the pancreatic islet. <i>Development (Cambridge)</i> , 2007 , 134, 515-23	6.6	56
185	SOX9 is required for maintenance of the pancreatic progenitor cell pool. 2007 , 104, 1865-70		437
184	Genetic identification of a novel NeuroD1 function in the early differentiation of islet alpha, PP and epsilon cells. 2007 , 312, 523-32		46
183	Loss of Myt1 function partially compromises endocrine islet cell differentiation and pancreatic physiological function in the mouse. 2007 , 124, 898-910		56
182	Nestin expression in pancreatic endocrine and exocrine cells of mice lacking glucagon signaling. 2007 , 236, 1126-33		11
181	Embryonic endocrine pancreas and mature beta cells acquire alpha and PP cell phenotypes upon Arx misexpression. 2007 , 117, 961-70		189
180	Distinct roles of lymphotoxin-beta signaling and the homeodomain transcription factor Nkx2.3 in the ontogeny of endothelial compartments in spleen. 2007 , 328, 473-86		14
179	Strategies for differentiating embryonic stem cells (ESC) into insulin-producing cells and development of non-invasive imaging techniques using bioluminescence. 2007 , 39, 261-70		22
178	Expression of zebrafish pax6b in pancreas is regulated by two enhancers containing highly conserved cis-elements bound by PDX1, PBX and PREP factors. 2008 , 8, 53		40
177	Expression and function of Nkx6.3 in vertebrate hindbrain. 2008 , 1222, 42-50		11
176	On the origin of the beta cell. 2008 , 22, 1998-2021		286
175	Nkx2.2 regulates cell fate choice in the enteroendocrine cell lineages of the intestine. 2008 , 313, 58-66		73
174	Myt1 and Ngn3 form a feed-forward expression loop to promote endocrine islet cell differentiation. 2008 , 317, 531-40		80

173	Dynamic regulation of Pdx1 enhancers by Foxa1 and Foxa2 is essential for pancreas development. 2008 , 22, 3435-48	213
172	Postmitotic specification of Drosophila insulinergic neurons from pioneer neurons. 2008 , 6, e58	83
171	Identification of an INSM1-binding site in the insulin promoter: negative regulation of the insulin gene transcription. 2008 , 198, 29-39	18
170	Requirement of the tissue-restricted homeodomain transcription factor Nkx6.3 in differentiation of gastrin-producing G cells in the stomach antrum. 2008 , 28, 3208-18	27
169	EWS/FLI mediates transcriptional repression via NKX2.2 during oncogenic transformation in Ewing's sarcoma. 2008 , 3, e1965	108
168	Identification of the bHLH factor Math6 as a novel component of the embryonic pancreas transcriptional network. 2008 , 3, e2430	32
167	Cooperative transcriptional regulation of the essential pancreatic islet gene NeuroD1 (beta2) by Nkx2.2 and neurogenin 3. 2009 , 284, 31236-48	52
166	Nkx6-1 controls the identity and fate of red nucleus and oculomotor neurons in the mouse midbrain. <i>Development (Cambridge)</i> , 2009 , 136, 2545-55	6.6 50
165	A role for von Hippel-Lindau protein in pancreatic beta-cell function. 2009 , 58, 433-41	69
164	An appraisal of intermediate filament expression in adult and developing pancreas: vimentin is expressed in alpha cells of rat and mouse embryos. 2009 , 57, 577-86	15
163	One process for pancreatic beta-cell coalescence into islets involves an epithelial-mesenchymal transition. 2009 , 203, 19-31	72
162	Co-localization of Nkx6.2 and Nkx2.2 homeodomain proteins in differentiated myelinating oligodendrocytes. 2010 , 58, 458-68	59
161	Xenopus pancreas development. 2009 , 238, 1271-86	33
160	Pancreas cell fate. 2009 , 87, 232-48	50
159	On the diabetic menu: zebrafish as a model for pancreas development and function. 2009 , 31, 139-52	110
158	Identification of known and novel pancreas genes expressed downstream of Nkx2.2 during development. 2009 , 9, 65	24
157	Efficient, glucose responsive and islet-specific transgene expression by a modified rat insulin promoter. 2009 , 16, 1202-9	27
156	Stem cells to pancreatic beta-cells: new sources for diabetes cell therapy. 2009 , 30, 214-27	86

155	Ghrelin is dispensable for embryonic pancreatic islet development and differentiation. 2009 , 157, 51-6	17
154	Development of insulin-producing cells from primitive biologic precursors. 2009 , 14, 56-63	12
153	SEL1L deficiency impairs growth and differentiation of pancreatic epithelial cells. 2010 , 10, 19	16
152	The transcription factors Nkx2.2 and Nkx2.9 play a novel role in floor plate development and commissural axon guidance. <i>Development (Cambridge)</i> , 2010 , 137, 4249-60	6.6 30
151	The transcription factor Rfx3 regulates beta-cell differentiation, function, and glucokinase expression. 2010 , 59, 1674-85	47
150	New insights into endocrine pancreatic development: the role of environmental factors. 2010 , 74, 77-82	14
149	Effect of ghrelin on glucose-insulin homeostasis: therapeutic implications. 2010 , 2010,	30
148	Pax6 controls the expression of critical genes involved in pancreatic {alpha} cell differentiation and function. 2010 , 285, 33381-33393	53
147	In vitro expression of NGN3 identifies RAB3B as the predominant Ras-associated GTP-binding protein 3 family member in human islets. 2010 , 207, 151-61	18
146	Insulinoma-associated antigen-1 zinc-finger transcription factor promotes pancreatic duct cell trans-differentiation. 2010 , 151, 2030-9	30
145	Transcriptional regulation of glucose sensors in pancreatic β cells and liver: an update. 2010 , 10, 5031-53	29
144	Reprogramming into pancreatic endocrine cells based on developmental cues. 2010 , 315, 11-8	11
143	Cellular plasticity within the pancreas--lessons learned from development. 2010 , 18, 342-56	130
142	Dachshund homologues play a conserved role in islet cell development. 2010 , 348, 143-52	18
141	Historical perspective: beginnings of the beta-cell: current perspectives in beta-cell development. 2011 , 60, 364-76	58
140	Convergence of the insulin and serotonin programs in the pancreatic β cell. 2011 , 60, 3208-16	109
139	Influence and timing of arrival of murine neural crest on pancreatic beta cell development and maturation. 2011 , 349, 321-30	36
138	Pdx1 and Ngn3 overexpression enhances pancreatic differentiation of mouse ES cell-derived endoderm population. 2011 , 6, e24058	36

137	miRNAs control insulin content in pancreatic β cells via downregulation of transcriptional repressors. 2011 , 30, 835-45		222
136	Nkx2.2 and Arx genetically interact to regulate pancreatic endocrine cell development and endocrine hormone expression. 2011 , 359, 1-11		41
135	Transcriptomes of the major human pancreatic cell types. 2011 , 54, 2832-44		156
134	Wharton's jelly mesenchymal stem cells as candidates for beta cells regeneration: extending the differentiative and immunomodulatory benefits of adult mesenchymal stem cells for the treatment of type 1 diabetes. 2011 , 7, 342-63		115
133	Novel computational analysis of protein binding array data identifies direct targets of Nkx2.2 in the pancreas. 2011 , 12, 62		9
132	Arx and Nkx2.2 compound deficiency redirects pancreatic alpha- and beta-cell differentiation to a somatostatin/ghrelin co-expressing cell lineage. 2011 , 11, 52		27
131	The Cdk4-E2f1 pathway regulates early pancreas development by targeting Pdx1+ progenitors and Ngn3+ endocrine precursors. <i>Development (Cambridge)</i> , 2011 , 138, 1903-12	6.6	29
130	Spatial and temporal requirements for sonic hedgehog in the regulation of thalamic interneuron identity. <i>Development (Cambridge)</i> , 2011 , 138, 531-41	6.6	58
129	Nkx2.2 repressor complex regulates islet β cell specification and prevents β to β cell reprogramming. 2011 , 25, 2291-305		139
128	Zebrafish mnx1 controls cell fate choice in the developing endocrine pancreas. <i>Development (Cambridge)</i> , 2011 , 138, 4597-608	6.6	48
127	The L6 domain tetraspanin Tm4sf4 regulates endocrine pancreas differentiation and directed cell migration. <i>Development (Cambridge)</i> , 2011 , 138, 3213-24	6.6	26
126	Two novel determinants of etoposide resistance in small cell lung cancer. 2011 , 71, 4877-87		28
125	Generation of transplantable Beta cells for patient-specific cell therapy. 2012 , 2012, 414812		2
124	The transcriptional co-repressor Grg3/Tle3 promotes pancreatic endocrine progenitor delamination and β cell differentiation. <i>Development (Cambridge)</i> , 2012 , 139, 1447-56	6.6	22
123	Mnx1: a gatekeeper of β cell fate. 2012 , 4, 320-2		2
122	Development and regeneration in the endocrine pancreas. 2012 , 2012, 640956		13
121	Pax6 is crucial for β cell function, insulin biosynthesis, and glucose-induced insulin secretion. 2012 , 26, 696-709		78
120	Efficient generation of functional hepatocytes from human embryonic stem cells and induced pluripotent stem cells by HNF4 β transduction. 2012 , 20, 127-37		196

119	An RNAi screen reveals intestinal regulators of branching morphogenesis, differentiation, and stem cell proliferation in planarians. 2012 , 23, 691-704	90
118	Epigenetic regulation of pancreas development and function. 2012 , 23, 693-700	25
117	Lineage determinants in early endocrine development. 2012 , 23, 673-84	44
116	Pax4 is not essential for beta-cell differentiation in zebrafish embryos but modulates alpha-cell generation by repressing arx gene expression. 2012 , 12, 37	20
115	Ghrelin expression in the mouse pancreas defines a unique multipotent progenitor population. 2012 , 7, e52026	56
114	The Endocrine Pancreas: insights into development, differentiation and diabetes. 2012 , 1, 609-628	40
113	Generation of Nkx2.2:lacZ mice using recombination-mediated cassette exchange technology. 2012 , 50, 612-24	10
112	Organogenesis and functional genomics of the endocrine pancreas. 2012 , 69, 2109-23	9
111	Immunohistochemical characterisation of cells co-producing insulin and glucagon in the developing human pancreas. 2012 , 55, 372-81	116
110	Development of the human pancreas from foregut to endocrine commitment. 2013 , 62, 3514-22	170
109	The role of FOXO1 in β cell failure and type 2 diabetes mellitus. 2013 , 9, 615-23	128
108	Generation of mice encoding a conditional allele of Nkx2.2. 2013 , 22, 965-72	14
107	Nkx2.2:Cre knock-in mouse line: a novel tool for pancreas- and CNS-specific gene deletion. 2013 , 51, 844-51	14
106	Endocrine pancreatic development: impact of obesity and diet. 2013 , 4, 170	13
105	Regulation of Neurod1 contributes to the lineage potential of Neurogenin3+ endocrine precursor cells in the pancreas. 2013 , 9, e1003278	39
104	Mouse muscle as an ectopic permissive site for human pancreatic development. 2013 , 62, 3479-87	19
103	Expansion and conversion of human pancreatic ductal cells into insulin-secreting endocrine cells. <i>ELife</i> , 2013 , 2, e00940	8.9 105
102	Pancreatic β cell specific deletion of mouse Arx leads to β cell identity loss. 2013 , 8, e66214	62

101	Non-neural tyrosine hydroxylase, via modulation of endocrine pancreatic precursors, is required for normal development of beta cells in the mouse pancreas. 2014 , 57, 2339-47		22
100	Insm1 promotes endocrine cell differentiation by modulating the expression of a network of genes that includes Neurog3 and Ripply3. <i>Development (Cambridge)</i> , 2014 , 141, 2939-49	6.6	50
99	Mammalian Nkx2.2+ perineurial glia are essential for motor nerve development. 2014 , 243, 1116-29		24
98	Revealing transcription factors during human pancreatic β cell development. 2014 , 25, 407-14		47
97	Pancreatic islet enhancer clusters enriched in type 2 diabetes risk-associated variants. 2014 , 46, 136-143		366
96	Analysis of transcription factors key for mouse pancreatic development establishes NKX2-2 and MNX1 mutations as causes of neonatal diabetes in man. 2014 , 19, 146-54		102
95	Transcriptional control of mammalian pancreas organogenesis. 2014 , 71, 2383-402		53
94	In vitro differentiation and expansion of human pluripotent stem cell-derived pancreatic progenitors. <i>Review of Diabetic Studies</i> , 2014 , 11, 19-34	3.6	5
93	Maturation of stem cell-derived beta-cells guided by the expression of urocortin 3. <i>Review of Diabetic Studies</i> , 2014 , 11, 115-32	3.6	33
92	Pancreatic islet cell development and regeneration. 2015 , 22, 255-64		36
91	Pathway-based analysis of genome-wide siRNA screens reveals the regulatory landscape of APP processing. 2015 , 10, e0115369		14
90	Nkx2.2 and Nkx2.9 are the key regulators to determine cell fate of branchial and visceral motor neurons in caudal hindbrain. 2015 , 10, e0124408		7
89	The Role of ARX in Human Pancreatic Endocrine Specification. 2015 , 10, e0144100		23
88	An Omics Perspective on Molecular Biomarkers for Diagnosis, Prognosis, and Therapeutics of Cholangiocarcinoma. 2015 , 2015, 179528		17
87	Regulation of the Human Ghrelin Promoter Activity by Transcription Factors, NF- κ B and Nkx2.2. 2015 , 2015, 580908		7
86	Pancreatic cancer patient survival correlates with DNA methylation of pancreas development genes. 2015 , 10, e0128814		41
85	Nkx2.2 is expressed in a subset of enteroendocrine cells with expanded lineage potential. 2015 , 309, G975-87		16
84	SOX4 cooperates with neurogenin 3 to regulate endocrine pancreas formation in mouse models. 2015 , 58, 1013-23		14

83	Centroacinar Cells Are Progenitors That Contribute to Endocrine Pancreas Regeneration. 2015 , 64, 3499-509	49
82	Role of pancreatic transcription factors in maintenance of mature β cell function. 2015 , 16, 6281-97	43
81	Role of transcription factors in the transdifferentiation of pancreatic islet cells. 2015 , 54, R103-17	70
80	Mesenchymal Hox6 function is required for mouse pancreatic endocrine cell differentiation. <i>Development (Cambridge)</i> , 2015 , 142, 3859-68	6.6 31
79	Insulin-like genes in ascidians: findings in <i>Ciona</i> and hypotheses on the evolutionary origins of the pancreas. 2015 , 53, 82-104	8
78	A synopsis of factors regulating beta cell development and beta cell mass. 2016 , 73, 3623-37	7
77	β Cell regeneration through the transdifferentiation of pancreatic cells: Pancreatic progenitor cells in the pancreas. 2016 , 7, 286-96	25
76	Integrator of Stress Responses Calmodulin Binding Transcription Activator 1 (Camta1) Regulates miR-212/miR-132 Expression and Insulin Secretion. 2016 , 291, 18440-52	18
75	Wnt9a deficiency discloses a repressive role of Tcf7l2 on endocrine differentiation in the embryonic pancreas. <i>Scientific Reports</i> , 2016 , 6, 19223	4.9 7
74	The novel enterochromaffin marker Lmx1a regulates serotonin biosynthesis in enteroendocrine cell lineages downstream of Nkx2.2. <i>Development (Cambridge)</i> , 2016 , 143, 2616-28	6.6 22
73	Centroacinar cells: At the center of pancreas regeneration. 2016 , 413, 8-15	39
72	β Inc1 encodes a long noncoding RNA that regulates islet β cell formation and function. 2016 , 30, 502-7	88
71	Transcription factor regulation of pancreatic organogenesis, differentiation and maturation. 2016 , 8, 13-34	39
70	Pancreatic regeneration: basic research and gene regulation. 2016 , 46, 633-40	7
69	Genetic Lineage Tracing in Taste Tissues Using Sox2-CreERT2 Strain. 2017 , 42, 547-552	17
68	Atypical Forms of Congenital Hyperinsulinism in Infancy Are Associated With Mosaic Patterns of Immature Islet Cells. 2017 , 102, 3261-3267	21
67	Origins and Functions of the Ventrolateral VMH: A Complex Neuronal Cluster Orchestrating Sex Differences in Metabolism and Behavior. 2017 , 1043, 199-213	15
66	Genes Associated with Pancreas Development and Function Maintain Open Chromatin in iPSCs Generated from Human Pancreatic Beta Cells. 2017 , 9, 1395-1405	10

65	Metabolic Stress and Compromised Identity of Pancreatic Beta Cells. 2017 , 8, 21		63
64	βCell Replacement Strategies: The Increasing Need for a "βCell Dogma". 2017 , 8, 75		12
63	MafB Is Critical for Glucagon Production and Secretion in Mouse Pancreatic βCells. 2018 , 38,		18
62	NKX2.2, PDX-1 and CDX-2 as potential biomarkers to differentiate well-differentiated neuroendocrine tumors. 2018 , 6, 15		12
61	Establishment of human pluripotent stem cell-derived pancreatic βlike cells in the mouse pancreas. 2018 , 115, 3924-3929		21
60	Usefulness of NKX2.2 Immunohistochemistry for Distinguishing Ewing Sarcoma from Other Sinonasal Small Round Blue Cell Tumors. 2018 , 12, 89-94		27
59	Regenerating βcells of the pancreas - potential developments in diabetes treatment. 2018 , 18, 175-185		6
58	Gene Signature of the Human Pancreatic βCell. 2018 , 159, 4023-4032		16
57	NKX2-2 Suppresses Osteosarcoma Metastasis and Proliferation by Downregulating Multiple Target Genes. 2018 , 9, 3067-3077		10
56	Functional characteristics of novel pancreatic Pax6 regulatory elements. 2018 , 27, 3434-3448		6
55	Targeted Derivation of Organotypic Glucose- and GLP-1-Responsive βCells Prior to Transplantation into Diabetic Recipients. 2019 , 13, 307-321		3
54	Enhancer signatures stratify and predict outcomes of non-functional pancreatic neuroendocrine tumors. 2019 , 25, 1260-1265		74
53	The Long Noncoding RNA Paupar Modulates PAX6 Regulatory Activities to Promote Alpha Cell Development and Function. 2019 , 30, 1091-1106.e8		30
52	The transcription factor NKX1-2 promotes adipogenesis and may contribute to a balance between adipocyte and osteoblast differentiation. 2019 , 294, 18408-18420		4
51	Characterization of Non-hormone Expressing Endocrine Cells in Fetal and Infant Human Pancreas. 2018 , 9, 791		1
50	Development and Characteristics of Pancreatic Epsilon Cells. 2019 , 20,		15
49	Searching for perturbed biological pathways and genes through analyzing the expression profile changes in osteoclasts after treatment by bisphosphonates. <i>Experimental and Therapeutic Medicine</i> , 2019 , 17, 2541-2546	2.1	1
48	Deregulated NKX Homeobox Genes in B-Cell Lymphoma. 2019 , 11,		5

47	Neurog3-Independent Methylation Is the Earliest Detectable Mark Distinguishing Pancreatic Progenitor Identity. 2019 , 48, 49-63.e7	21
46	Therapeutic potential of mesenchymal stem cells in treating both types of diabetes mellitus and associated diseases. 2020 , 19, 1979-1993	0
45	NKX6.1 transcription factor: a crucial regulator of pancreatic β cell development, identity, and proliferation. 2020 , 11, 459	13
44	NK homeobox 2.2 functions as tumor suppressor in colorectal cancer due to DNA methylation. 2020 , 11, 4791-4800	0
43	Neonatal apneic phenotype in a murine congenital central hypoventilation syndrome model is induced through non-cell autonomous developmental mechanisms. 2021 , 31, 84-102	8
42	The Contribution of Transcriptional Coregulators in the Maintenance of β cell Function and Identity. 2021 , 162,	0
41	Sequential progenitor states mark the generation of pancreatic endocrine lineages in mice and humans. 2021 , 31, 886-903	3
40	Groucho co-repressor proteins regulate β cell development and proliferation by repressing in the developing mouse pancreas. <i>Development (Cambridge)</i> , 2021 , 148,	6.6 0
39	Evidence from oyster suggests an ancient role for Pdx in regulating insulin gene expression in animals. 2021 , 12, 3117	4
38	Pancreas morphogenesis and homeostasis depends on tightly regulated Zeb1 levels in epithelial cells. 2021 , 7, 138	1
37	Engineering islets from stem cells for advanced therapies of diabetes. 2021 , 20, 920-940	9
36	REST is a major negative regulator of endocrine differentiation during pancreas organogenesis. 2021 , 35, 1229-1242	4
35	Long Non-Coding RNAs (lncRNAs) in Cardiovascular Disease Complication of Type 2 Diabetes. 2021 , 11,	3
34	Animal Models of Pancreas Development, Developmental Disorders, and Disease. 2020 , 1236, 65-85	3
33	Impaired pancreatic growth, beta cell mass, and beta cell function in E2F1 (-/-)mice. 2004 , 113, 1288-95	65
32	Pancreatic β cell identity requires continual repression of non- β cell programs. 2017 , 127, 244-259	70
31	Gastrin: a distinct fate of neurogenin3 positive progenitor cells in the embryonic pancreas. 2013 , 8, e70397	33
30	Olig3 is not involved in the ventral patterning of spinal cord. 2014 , 9, e111076	4

29	Gene expression signature predicts human islet integrity and transplant functionality in diabetic mice. 2017 , 12, e0185331		4
28	EWS/FLI utilizes NKX2-2 to repress mesenchymal features of Ewing sarcoma. 2015 , 6, 129-43		20
27	NKL homeobox gene NKX2-2 is aberrantly expressed in Hodgkin lymphoma. 2018 , 9, 37480-37496		12
26	Pleiotropic Roles of PDX-1 in the Pancreas. <i>Review of Diabetic Studies</i> , 2007 , 4, 209-25	3.6	15
25	Differentiation of embryonic stem cells into insulin-producing cells promoted by Nkx2.2 gene transfer. <i>World Journal of Gastroenterology</i> , 2005 , 11, 4161-6	5.6	43
24	Proteomic and microRNA-omic profiles and potential mechanisms of dysfunction in pancreatic islet cells primed by inflammation. <i>Experimental and Therapeutic Medicine</i> , 2021 , 21, 122	2.1	2
23	Insulin-producing cells are bi-potential and differentiators prior to proliferation in early human development. <i>World Journal of Diabetes</i> , 2011 , 2, 54-8	4.7	3
22	Genetic evidence that Nkx2.2 acts primarily downstream of Neurog3 in pancreatic endocrine lineage development. <i>ELife</i> , 2017 , 6,	8.9	355
21	Reconstructing human pancreatic differentiation by mapping specific cell populations during development. <i>ELife</i> , 2017 , 6,	8.9	28
20	In vivo evaluation of GG2-GG1/A2 element activity in the insulin promoter region using the CRISPR-Cas9 system. <i>Scientific Reports</i> , 2021 , 11, 20290	4.9	
19	Upstream stimulatory factor regulates Pdx-1 gene expression in differentiated pancreatic beta-cells. <i>Biochemical Journal</i> , 1999 , 341 (Pt 2), 315-22	3.8	20
18	Stem cells for the cell and molecular therapy of type 1 diabetes mellitus (T1D): the gap between dream and reality. <i>American Journal of Stem Cells</i> , 2015 , 4, 22-31	2.4	8
17	Stem Cells in the Treatment of Insulin-Dependent Diabetes Mellitus. <i>Acta Naturae</i> , 2016 , 8, 31-43	2.1	3
16	Molecular Mechanism of Pancreatic ECell Failure in Type 2 Diabetes Mellitus.. <i>Biomedicines</i> , 2022 , 10,	4.8	2
15	DNA methylation reveals distinct cells of origin for pancreatic neuroendocrine carcinomas and pancreatic neuroendocrine tumors.. <i>Genome Medicine</i> , 2022 , 14, 24	14.4	1
14	GLIS3: A Critical Transcription Factor in Islet ECell Generation.. <i>Cells</i> , 2021 , 10,	7.9	1
13	Image_1.jpg. 2019 ,		
12	Image_2.jpg. 2019 ,		

11 Image_3.jpg. 2019,

10 Image_4.jpg. 2019,

9 Image_5.jpg. 2019,

8 Image_6.jpg. 2019,

7 Image_7.jpg. 2019,

6 Image_8.jpg. 2019,

5 Image_9.jpg. 2019,

4 Table_1.DOCX. 2019,

3 Table_2.DOCX. 2019,

2 Table_3.DOCX. 2019,

1 Table_4.DOCX. 2019,