

A Y-linked anti-Müllerian hormone duplication takes determination

Proceedings of the National Academy of Sciences of the United States of America
109, 2955-2959

DOI: [10.1073/pnas.1018392109](https://doi.org/10.1073/pnas.1018392109)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Sex-Biased miRNA Expression in Atlantic Halibut (<i>Hippoglossus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 742 Td (hippoglossus)	1.1	95
2	A Trans-Species Missense SNP in Amhr2 Is Associated with Sex Determination in the Tiger Pufferfish, <i>Takifugu rubripes</i> (Fugu). <i>PLoS Genetics</i> , 2012, 8, e1002798.	1.5	518
3	An Immune-Related Gene Evolved into the Master Sex-Determining Gene in Rainbow Trout, <i>Oncorhynchus mykiss</i> . <i>Current Biology</i> , 2012, 22, 1423-1428.	1.8	466
4	Evidence for Almost Complete Sex-reversal in Bovine Freemartin Gonads: Formation of Seminiferous Tubule-like Structures and Transdifferentiation into Typical Testicular Cell Types. <i>Journal of Reproduction and Development</i> , 2012, 58, 654-660.	0.5	16
5	Expression and phylogeny of candidate genes for sex differentiation in a primitive fish species, the Siberian sturgeon, <i>Acipenser baerii</i> . <i>Molecular Reproduction and Development</i> , 2012, 79, 504-516.	1.0	45
6	Comparative analysis of sex chromosomes in Leporinus species (Teleostei, Characiformes) using chromosome painting. <i>BMC Genetics</i> , 2013, 14, 60.	2.7	22
7	Genomics of sablefish (<i>Anoplopoma fimbria</i>): expressed genes, mitochondrial phylogeny, linkage map and identification of a putative sex gene. <i>BMC Genomics</i> , 2013, 14, 452.	1.2	99
8	Progress in studies of fish reproductive development regulation. <i>Science Bulletin</i> , 2013, 58, 7-16.	1.7	23
9	Environmental stress-induced testis differentiation: Androgen as a by-product of cortisol inactivation. <i>General and Comparative Endocrinology</i> , 2013, 192, 36-44.	0.8	122
10	Just how conserved is vertebrate sex determination?. <i>Developmental Dynamics</i> , 2013, 242, 380-387.	0.8	97
11	Expression and Sequence Evolution of Aromatase cyp19a1 and Other Sexual Development Genes in East African Cichlid Fishes. <i>Molecular Biology and Evolution</i> , 2013, 30, 2268-2285.	3.5	62
12	Divergent and sex-dimorphic expression of the paralogs of the Sox9-Amh-Cyp19a1 regulatory cascade in developing and adult atlantic cod (<i>Gadus morhua</i> L.). <i>Molecular Reproduction and Development</i> , 2013, 80, 358-370.	1.0	41
13	Expression of dmrt1 and sox9 during gonadal development in the Siberian sturgeon (<i>Acipenser baerii</i>). <i>Fish Physiology and Biochemistry</i> , 2013, 39, 91-94.	0.9	44
14	Anti-Müllerian hormone may regulate the number of calbindin-positive neurons in the sexually dimorphic nucleus of the preoptic area of male mice. <i>Biology of Sex Differences</i> , 2013, 4, 18.	1.8	21
15	Mapping the sex determination locus in the Atlantic halibut (<i>Hippoglossus hippoglossus</i>) using RAD sequencing. <i>BMC Genomics</i> , 2013, 14, 566.	1.2	133
16	Sequence and gene content of a large fragment of a lizard sex chromosome and evaluation of candidate sex differentiating gene R-spondin 1. <i>BMC Genomics</i> , 2013, 14, 899.	1.2	41
17	Genotypic sex determination in teleosts: Insights from the testis-determining amhy gene. <i>General and Comparative Endocrinology</i> , 2013, 192, 55-59.	0.8	33
18	How to evolve new vertebrate sex determining genes. <i>Developmental Dynamics</i> , 2013, 242, 354-359.	0.8	55

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19	Novel sex-determining genes in fish and sex chromosome evolution. <i>Developmental Dynamics</i> , 2013, 242, 339-353.	0.8	229
20	The bed nucleus of the stria terminalis has developmental and adult forms in mice, with the male bias in the developmental form being dependent on testicular AMH. <i>Hormones and Behavior</i> , 2013, 64, 605-610.	1.0	26
21	Molecular cloning, characterization, and sexually dimorphic expression of five major sex differentiation-related genes in a Scorpaeniform fish, sablefish (<i>Anoplopoma fimbria</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2013, 165, 125-137.	0.7	45
22	The sexually dimorphic on the Y-chromosome gene (<i>sdY</i>) is a conserved male-specific Y-chromosome sequence in many salmonids. <i>Evolutionary Applications</i> , 2013, 6, 486-496.	1.5	293
23	A progestin (17 β ,20 α -dihydroxy-4-pregnen-3-one) stimulates early stages of spermatogenesis in zebrafish. <i>General and Comparative Endocrinology</i> , 2013, 185, 1-9.	0.8	84
25	Characterization of Sex Determination and Sex Differentiation Genes in <i>Latimeria</i> . <i>PLoS ONE</i> , 2013, 8, e56006.	1.1	71
26	Characterization of Gonadal Transcriptomes from Nile Tilapia (<i>Oreochromis niloticus</i>) Reveals Differentially Expressed Genes. <i>PLoS ONE</i> , 2013, 8, e63604.	1.1	195
27	Mapping and Validation of the Major Sex-Determining Region in Nile Tilapia (<i>Oreochromis niloticus</i> L.) Using RAD Sequencing. <i>PLoS ONE</i> , 2013, 8, e68389.	1.1	144
28	Sex determination in fish. <i>Journal of Animal Genetics</i> , 2013, 41, 37-48.	0.5	0
31	An efficient molecular technique for sexing tiger pufferfish (<i>fugu</i>) and the occurrence of sex reversal in a hatchery population. <i>Fisheries Science</i> , 2014, 80, 933-942.	0.7	21
32	Genetics and timing of sex determination in the East African cichlid fish <i>Astatotilapia burtoni</i> . <i>BMC Genetics</i> , 2014, 15, 140.	2.7	29
33	Co-option of <i>Sox3</i> as the male-determining factor on the Y chromosome in the fish <i>Oryzias dancena</i> . <i>Nature Communications</i> , 2014, 5, 4157.	5.8	275
34	Genetic architecture of sex determination in fish: applications to sex ratio control in aquaculture. <i>Frontiers in Genetics</i> , 2014, 5, 340.	1.1	139
35	Fine Mapping and Evolution of the Major Sex Determining Region in Turbot (<i>Scophthalmus</i>) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	0.8	46
36	Sex Determination: Why So Many Ways of Doing It?. <i>PLoS Biology</i> , 2014, 12, e1001899.	2.6	916
37	Gonadal Transcriptome Analysis of Male and Female Olive Flounder (<i>Paralichthys olivaceus</i>). <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	68
38	The diversity of sexual cycles. , 2014, , 18-36.		1
39	The sensitive period for male-to-female sex reversal begins at the embryonic stage in the Nile tilapia and is associated with the sexual genotype. <i>Molecular Reproduction and Development</i> , 2014, 81, 1146-1158.	1.0	26

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40	Comparative Transcriptomics in East African Cichlids Reveals Sex- and Species-Specific Expression and New Candidates for Sex Differentiation in Fishes. <i>Genome Biology and Evolution</i> , 2014, 6, 2567-2585.	1.1	61
41	Identification of male-specific amh duplication, sexually differentially expressed genes and microRNAs at early embryonic development of Nile tilapia (<i>Oreochromis niloticus</i>). <i>BMC Genomics</i> , 2014, 15, 774.	1.2	113
42	A Syntenic Region Conserved from Fish to Mammalian X Chromosome. <i>International Journal of Evolutionary Biology</i> , 2014, 2014, 1-10.	1.0	1
43	A sex-associated sequence identified by RAPD screening in gynogenetic individuals of turbot (<i>Scophthalmus maximus</i>). <i>Molecular Biology Reports</i> , 2014, 41, 1501-1509.	1.0	40
44	Identification of Dmrt genes and their up-regulation during gonad transformation in the swamp eel (<i>Monopterus albus</i>). <i>Molecular Biology Reports</i> , 2014, 41, 1237-1245.	1.0	39
45	Identification of a gonad-expression differential gene insulin-like growth factor-1 receptor (Igf1r) in the swamp eel (<i>Monopterus albus</i>). <i>Fish Physiology and Biochemistry</i> , 2014, 40, 1181-90.	0.9	8
46	Zebrafish sex: a complicated affair. <i>Briefings in Functional Genomics</i> , 2014, 13, 172-187.	1.3	193
47	Origins and functional evolution of Y chromosomes across mammals. <i>Nature</i> , 2014, 508, 488-493.	13.7	448
49	Gonadal Development in Fish. <i>Sexual Development</i> , 2014, 8, 252-261.	1.1	74
50	Evidence for multiple sex-determining loci in Tasmanian Atlantic salmon (<i>Salmo salar</i>). <i>Heredity</i> , 2014, 113, 86-92.	1.2	82
51	Identification, Expression, and Regulation of Anti-Müllerian Hormone Type-II Receptor in the Embryonic Chicken Gonad. <i>Biology of Reproduction</i> , 2014, 90, 106.	1.2	28
52	Analysis of a novel gene, <i>Sdgc</i> , reveals sex chromosome-dependent differences of medaka germ cells prior to gonad formation. <i>Development (Cambridge)</i> , 2014, 141, 3363-3369.	1.2	15
53	Gonad transcriptome analysis of pearl oyster <i>Pinctada margaritifera</i> : identification of potential sex differentiation and sex determining genes. <i>BMC Genomics</i> , 2014, 15, 491.	1.2	100
54	The sex-specific transcriptome of the hermaphrodite sparid sharpsnout seabream (<i>Diplodus puntazzo</i>). <i>BMC Genomics</i> , 2014, 15, 655.	1.2	65
55	Genetics of Sexual Development: An Evolutionary Playground for Fish. <i>Genetics</i> , 2014, 196, 579-591.	1.2	137
56	Molecular players involved in temperature-dependent sex determination and sex differentiation in Teleost fish. <i>Genetics Selection Evolution</i> , 2014, 46, 26.	1.2	102
57	A multicopy Y-chromosomal SGNH hydrolase gene expressed in the testis of the platyfish has been captured and mobilized by a Helitron transposon. <i>BMC Genetics</i> , 2014, 15, 44.	2.7	13
58	Over-expression of DMRT1 induces the male pathway in embryonic chicken gonads. <i>Developmental Biology</i> , 2014, 389, 160-172.	0.9	114

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59	Screening and characterization of sex-linked DNA markers and marker-assisted selection in the Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture</i> , 2014, 433, 19-27.	1.7	105
60	Expression analysis of sex-determining pathway genes during development in male and female Atlantic salmon (<i>Salmo salar</i>). <i>Physiological Genomics</i> , 2015, 47, 581-587.	1.0	16
61	Proteomic analysis of three gonad types of swamp eel reveals genes differentially expressed during sex reversal. <i>Scientific Reports</i> , 2015, 5, 10176.	1.6	17
62	Gene expression analysis at the onset of sex differentiation in turbot (<i>Scophthalmus maximus</i>). <i>BMC Genomics</i> , 2015, 16, 973.	1.2	54
63	Plasticity of gene regulatory networks controlling sex determination: of masters, slaves, usual suspects, newcomers, and usurpators. <i>EMBO Reports</i> , 2015, 16, 1260-1274.	2.0	216
64	Sex Control in Fish: Approaches, Challenges and Opportunities for Aquaculture. <i>Journal of Marine Science and Engineering</i> , 2015, 3, 329-355.	1.2	139
65	A Tandem Duplicate of Anti-Müllerian Hormone with a Missense SNP on the Y Chromosome Is Essential for Male Sex Determination in Nile Tilapia, <i>Oreochromis niloticus</i> . <i>PLoS Genetics</i> , 2015, 11, e1005678.	1.5	315
66	Comparative Transcriptome Analysis of Differentially Expressed Genes and Signaling Pathways between XY and YY Testis in Yellow Catfish. <i>PLoS ONE</i> , 2015, 10, e0134626.	1.1	23
67	Large-scale transcriptome sequencing reveals novel expression patterns for key sex-related genes in a sex-changing fish. <i>Biology of Sex Differences</i> , 2015, 6, 26.	1.8	100
68	Genetic basis and biotechnological manipulation of sexual dimorphism and sex determination in fish. <i>Science China Life Sciences</i> , 2015, 58, 124-136.	2.3	334
69	Molecular cloning and expression analysis of <i>dmrt1</i> and <i>sox9</i> during gonad development and male reproductive cycle in the lambari fish, <i>Astyanax altiparanae</i> . <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 2.	1.4	55
70	Localization of steroidogenic enzymes and <i>Foxl2a</i> in the gonads of mature zebrafish (<i>Danio rerio</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 188, 96-106.	0.8	29
71	Cloning and expression pattern of <i>gsdf</i> during the first maleness reproductive phase in the protandrous <i>Acanthopagrus latus</i> . <i>General and Comparative Endocrinology</i> , 2015, 217-218, 71-80.	0.8	19
72	Identification of Sex-Linked SNPs and Sex-Determining Regions in the Yellowtail Genome. <i>Marine Biotechnology</i> , 2015, 17, 502-510.	1.1	22
73	The role of <i>Amh</i> signaling in teleost fish – Multiple functions not restricted to the gonads. <i>General and Comparative Endocrinology</i> , 2015, 223, 87-107.	0.8	132
74	Turnover of Sex Chromosomes in <i>Celebensis</i> Group Medaka Fishes. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2685-2691.	0.8	79
75	Second generation physical and linkage maps of yellowtail (<i>Seriola quinqueradiata</i>) and comparison of synteny with four model fish. <i>BMC Genomics</i> , 2015, 16, 406.	1.2	16
76	Gonadal soma-derived factor (<i>gsdf</i>), a TGF-beta superfamily gene, induces testis differentiation in the teleost fish <i>Oreochromis niloticus</i> . <i>Molecular and Cellular Endocrinology</i> , 2015, 415, 87-99.	1.6	76

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77	The role of non-coding RNAs in male sex determination and differentiation. <i>Reproduction</i> , 2015, 150, R93-R107.	1.1	30
78	Anti-Müllerian Hormone Is Required for Chicken Embryonic Urogenital System Growth but Not Sexual Differentiation. <i>Biology of Reproduction</i> , 2015, 93, 138.	1.2	29
79	A Comprehensive Transcriptome Provides Candidate Genes for Sex Determination/Differentiation and SSR/SNP Markers in Yellow Catfish. <i>Marine Biotechnology</i> , 2015, 17, 190-198.	1.1	59
80	Sex determination in Antarctic notothenioid fish: chromosomal clues and evolutionary hypotheses. <i>Polar Biology</i> , 2016, 39, 11-22.	0.5	9
81	Polygenic sex determination in the cichlid fish <i>Astatotilapia burtoni</i> . <i>BMC Genomics</i> , 2016, 17, 835.	1.2	61
82	Variations on a theme: Genomics of sex determination in the cichlid fish <i>Astatotilapia burtoni</i> . <i>BMC Genomics</i> , 2016, 17, 883.	1.2	34
83	<i>gsdf</i> is a downstream gene of <i>dmrt1</i> that functions in the male sex determination pathway of the Nile tilapia. <i>Molecular Reproduction and Development</i> , 2016, 83, 497-508.	1.0	110
84	Discovery and identification of candidate sex-related genes based on transcriptome sequencing of Russian sturgeon (<i>Acipenser gueldenstaedtii</i>) gonads. <i>Physiological Genomics</i> , 2016, 48, 464-476.	1.0	23
85	Dmy initiates masculinity by altering <i>Gsdf/Sox9a2/Rspo1</i> expression in medaka (<i>Oryzias latipes</i>). <i>Scientific Reports</i> , 2016, 6, 19480.	1.6	46
86	The Reversible Sex of Gonochoristic Fish: Insights and Consequences. <i>Sexual Development</i> , 2016, 10, 242-266.	1.1	127
87	Sex-dependent expression of anti-Müllerian hormone (<i>amh</i>) and <i>amh</i> receptor 2 during sex organ differentiation and characterization of the Müllerian duct development in <i>Xenopus tropicalis</i> . <i>General and Comparative Endocrinology</i> , 2016, 229, 132-144.	0.8	22
88	The genetic contribution to sex determination and number of sex chromosomes vary among populations of common frogs (<i>Rana temporaria</i>). <i>Heredity</i> , 2016, 117, 25-32.	1.2	29
89	Expression analysis of <i>Sox9</i> genes during annual reproductive cycles in gonads and after nanodelivery of LHRH in <i>Clarias batrachus</i> . <i>Research in Veterinary Science</i> , 2016, 106, 100-106.	0.9	38
90	Integrated analysis of miRNA and mRNA expression profiles in tilapia gonads at an early stage of sex differentiation. <i>BMC Genomics</i> , 2016, 17, 328.	1.2	86
91	Gonadal differentiation and temperature effects on sex determination in the freshwater pike silverside <i>Chirostoma estor</i> Jordan 1880. <i>Environmental Biology of Fishes</i> , 2016, 99, 463-471.	0.4	14
92	Germline stem cells are critical for sexual fate decision of germ cells. <i>BioEssays</i> , 2016, 38, 1227-1233.	1.2	23
93	Transcriptome analysis of the gonads of olive flounder (<i>Paralichthys olivaceus</i>). <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1581-1594.	0.9	33
94	Transcriptome analysis of male and female mature gonads of Japanese scallop <i>Patinopecten yessoensis</i> . <i>Genes and Genomics</i> , 2016, 38, 1041-1052.	0.5	18

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95	Genomes of <i>Ellobius</i> species provide insight into the evolutionary dynamics of mammalian sex chromosomes. <i>Genome Research</i> , 2016, 26, 1202-1210.	2.4	37
96	Identification of the molecular sex differentiation period in the siberian sturgeon. <i>Molecular Reproduction and Development</i> , 2016, 83, 19-36.	1.0	32
97	Sexually Dimorphic Expression of <i>Foxl2</i> and <i>FtzF1</i> in Chinese Giant Salamander <i>Andrias Davidianus</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2016, 326, 363-374.	0.6	13
98	Identification of the sex determining region in flathead grey mullet (<i>Mugil cephalus</i>). <i>Animal Genetics</i> , 2016, 47, 698-707.	0.6	9
99	Genomic characterization of the Atlantic cod sex-locus. <i>Scientific Reports</i> , 2016, 6, 31235.	1.6	34
100	Sexually dimorphic gene expressions in eels: useful markers for early sex assessment in a conservation context. <i>Scientific Reports</i> , 2016, 6, 34041.	1.6	28
101	Charactering the ZFAND3 gene mapped in the sex-determining locus in hybrid tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	12
102	Transcriptome Display During Testicular Differentiation of Channel Catfish (<i>Ictalurus punctatus</i>) as Revealed by RNA-Seq Analysis. <i>Biology of Reproduction</i> , 2016, 95, 19-19.	1.2	35
103	Evolutionary Genetics of the Cavefish <i>Astyanax mexicanus</i> . <i>Advances in Genetics</i> , 2016, 95, 117-159.	0.8	47
104	Molecular mechanism of endocrine system impairment by 17 β -methyltestosterone in gynogenic Pengze crucian carp offspring. <i>Ecotoxicology and Environmental Safety</i> , 2016, 128, 143-152.	2.9	23
105	Identification of gonadal soma-derived factor involvement in <i>Monopterus albus</i> (protogynous rice) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	39
106	Vertebrate sex-determining genes play musical chairs. <i>Comptes Rendus - Biologies</i> , 2016, 339, 258-262.	0.1	65
107	A PCR assay detects a male-specific duplicated copy of Anti-Müllerian hormone (amh) in the lingcod (<i>Ophiodon elongatus</i>). <i>BMC Research Notes</i> , 2016, 9, 230.	0.6	28
108	The testis and ovary transcriptomes of the rock bream (<i>Oplegnathus fasciatus</i>): A bony fish with a unique neo Y chromosome. <i>Genomics Data</i> , 2016, 7, 210-213.	1.3	16
109	Overexpression of Anti-Müllerian Hormone Disrupts Gonadal Sex Differentiation, Blocks Sex Hormone Synthesis, and Supports Cell Autonomous Sex Development in the Chicken. <i>Endocrinology</i> , 2016, 157, 1258-1275.	1.4	28
110	A Novel Candidate Gene for Temperature-Dependent Sex Determination in the Common Snapping Turtle. <i>Genetics</i> , 2016, 203, 557-571.	1.2	85
111	Finding clues to the riddle of sex determination in zebrafish. <i>Journal of Biosciences</i> , 2016, 41, 145-155.	0.5	44
112	Molecular and histological endpoints for developmental reproductive toxicity in <i>Xenopus tropicalis</i> : Levonorgestrel perturbs anti-Müllerian hormone and progesterone receptor expression. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 181-182, 9-18.	1.3	13

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113	Evolution of the sex-determining gene in the teleostean genus <i>Oryzias</i> . <i>General and Comparative Endocrinology</i> , 2016, 239, 80-88.	0.8	47
114	Implications of monotreme and marsupial chromosome evolution on sex determination and differentiation. <i>General and Comparative Endocrinology</i> , 2017, 244, 130-138.	0.8	4
115	Gene editing nuclease and its application in tilapia. <i>Science Bulletin</i> , 2017, 62, 165-173.	4.3	29
116	Sequential, Divergent, and Cooperative Requirements of <i>Foxl2a</i> and <i>Foxl2b</i> in Ovary Development and Maintenance of Zebrafish. <i>Genetics</i> , 2017, 205, 1551-1572.	1.2	131
117	Potential contributions of heat shock proteins and related genes in sexual differentiation in yellow catfish (<i>Pelteobagrus fulvidraco</i>). <i>Fish Physiology and Biochemistry</i> , 2017, 43, 465-475.	0.9	6
118	Comparative RNA-Seq analysis of differentially expressed genes in the testis and ovary of <i>Takifugu rubripes</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 22, 50-57.	0.4	21
119	Masculinization-Related Genes and Cell-Mass Structures During Early Gonadal Differentiation in the African Clawed Frog <i>Xenopus laevis</i> . <i>Zoological Science</i> , 2017, 34, 105.	0.3	5
120	Sexually dimorphic expression in developing and adult gonads shows an important role of gonadal soma-derived factor during sex differentiation in olive flounder (<i>Paralichthys olivaceus</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 210, 1-8.	0.7	19
121	The house fly Y Chromosome is young and minimally differentiated from its ancient X Chromosome partner. <i>Genome Research</i> , 2017, 27, 1417-1426.	2.4	33
122	A Duplicated, Truncated <i>amh</i> Gene Is Involved in Male Sex Determination in an Old World Silverside. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2489-2495.	0.8	48
123	Expression analysis of growth differentiation factor 9 (<i>Gdf9/gdf9</i>), anti-Müllerian hormone (<i>Amh/amh</i>) and aromatase (<i>Cyp19a1a/cyp19a1a</i>) during gonadal differentiation of the zebrafish, <i>Danio rerio</i> . <i>Biology of Reproduction</i> , 2017, 96, 401-413.	1.2	69
124	Androgen signaling regulates the transcription of anti-Müllerian hormone via synergy with SRY-related protein <i>SOX9A</i> . <i>Science Bulletin</i> , 2017, 62, 197-203.	4.3	28
125	<i>Dmrt1</i> is necessary for male sexual development in zebrafish. <i>Developmental Biology</i> , 2017, 422, 33-46.	0.9	234
126	Gonadal soma controls ovarian follicle proliferation through <i>Gsdf</i> in zebrafish. <i>Developmental Dynamics</i> , 2017, 246, 925-945.	0.8	68
127	Sex Determination. <i>Endocrinology</i> , 2017, , 169-216.	0.1	0
128	Y-linked <i>iDmrt1</i> paralogue (<i>iDMY</i>) in the Eastern spiny lobster, <i>Sagmariasus verreauxi</i> : The first invertebrate sex-linked <i>Dmrt</i> . <i>Developmental Biology</i> , 2017, 430, 337-345.	0.9	38
129	Characterization of a low-density lipoprotein receptor, <i>Lrp13</i> , in Chinese tongue sole (<i>Cynoglossus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	4
130	Vertebrate sex determination: evolutionary plasticity of a fundamental switch. <i>Nature Reviews Genetics</i> , 2017, 18, 675-689.	7.7	362

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131	Epigenetic control of cyp19a1a expression is critical for high temperature induced Nile tilapia masculinization. <i>Journal of Thermal Biology</i> , 2017, 69, 76-84.	1.1	77
132	Dmrt1 is required for primary male sexual differentiation in Chinese soft-shelled turtle <i>Pelodiscus sinensis</i> . <i>Scientific Reports</i> , 2017, 7, 4433.	1.6	60
133	Full genome survey and dynamics of gene expression in the greater amberjack <i>Seriola dumerili</i> . <i>GigaScience</i> , 2017, 6, 1-13.	3.3	16
134	Brain Sexual Differentiation and Requirement of SRY: Why or Why Not?. <i>Frontiers in Neuroscience</i> , 2017, 11, 632.	1.4	25
135	Integrated analysis of mRNA-seq and miRNA-seq reveals the potential roles of sex-biased miRNA-mRNA pairs in gonad tissue of dark sleeper (<i>Odontobutis potamophila</i>). <i>BMC Genomics</i> , 2017, 18, 613.	1.2	29
136	Transcriptomic analysis of the differentiating ovary of the protogynous ricefield eel <i>Monopterus albus</i> . <i>BMC Genomics</i> , 2017, 18, 573.	1.2	17
137	Hypothalamus and pituitary transcriptome profiling of male and female Hong Kong grouper (<i>Epinephelus fuscoguttatus</i>). <i>Journal of Heredity</i> , 2018, 109, 489-500.	1.0	8
138	The transcriptomic signature of different sexes in two protogynous hermaphrodites: Insights into the molecular network underlying sex phenotype in fish. <i>Scientific Reports</i> , 2018, 8, 3564.	1.6	32
139	Sex Determination and Differentiation of the Siberian Sturgeon. <i>Journal of Heredity</i> , 2018, 109, 489-500.		7
140	Evolution of Molecular Investigations on Sturgeon Sex Determination and Most Recent Developments in DNA Methylation with a Focus on the Siberian Sturgeon. <i>Journal of Heredity</i> , 2018, 109, 489-500.		2
141	Mechanisms of Environmental Sex Determination in Fish, Amphibians, and Reptiles. <i>Fascinating Life Sciences</i> , 2018, 10, 213-240.	0.5	10
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247	De novo transcriptome assembly and sex-biased gene expression in the gonads of Amur catfish (<i>Silurus</i>) Tj ETQq1 1 0.784314 rgBT /O 1.3 17	1.3	17
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263	Differential expression analysis and identification of sex-related genes by gonad transcriptome sequencing in estradiol-treated and non-treated Ussuri catfish <i>Pseudobagrus ussuriensis</i> . <i>Fish Physiology and Biochemistry</i> , 2021, 47, 565-581.	0.9	18

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265	Identification of potential sex-related genes in <i>Siniperca chuatsi</i> . <i>Journal of Oceanology and Limnology</i> , 2021, 39, 1500-1512.	0.6	9
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281	Lessons from an unusual vertebrate sex-determining gene. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200092.	1.8	26
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284	A sex-linked SNP mutation in <i>amhr2</i> is responsible for male differentiation in obscure puffer (Takifugu)	1.0	10

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