

# The SYSCILIA gold standard (SCGSv1) of known ciliary cilia within a systems biology consortium

Cilia

2, 7

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Compartments within a compartment. <i>Organogenesis</i> , 2014, 10, 126-137.	1.2	62
2	A network-based approach to dissect the cilia/centrosome complex interactome. <i>BMC Genomics</i> , 2014, 15, 658.	2.8	19
3	Next-generation sequencing for research and diagnostics in kidney disease. <i>Nature Reviews Nephrology</i> , 2014, 10, 433-444.	9.6	88
4	DYNC2L1 mutations broaden the clinical spectrum of dynein-2 defects. <i>Scientific Reports</i> , 2015, 5, 11649.	3.3	28
5	RFX2 Is a Major Transcriptional Regulator of Spermiogenesis. <i>PLoS Genetics</i> , 2015, 11, e1005368.	3.5	55
6	Functional genome-wide siRNA screen identifies KIAA0586 as mutated in Joubert syndrome. <i>ELife</i> , 2015, 4, e06602.	6.0	64
7	A Dynamic Protein Interaction Landscape of the Human Centrosome-Cilium Interface. <i>Cell</i> , 2015, 163, 1484-1499.	28.9	446
8	Motor Proteins and Movement. , 2015, , 305-322.		0
9	Ciliary proteins Bbs8 and Ift20 promote planar cell polarity in the cochlea. <i>Development (Cambridge)</i> , 2015, 142, 555-566.	2.5	63
10	An siRNA-based functional genomics screen for the identification of regulators of ciliogenesis and ciliopathy genes. <i>Nature Cell Biology</i> , 2015, 17, 1074-1087.	10.3	215
11	Biochemical functional predictions for protein structures of unknown or uncertain function. <i>Computational and Structural Biotechnology Journal</i> , 2015, 13, 182-191.	4.1	77
12	A Potential Contributory Role for Ciliary Dysfunction in the 16p11.2 600 kb BP4-BP5 Pathology. <i>American Journal of Human Genetics</i> , 2015, 96, 784-796.	6.2	53
13	The role of the cilium in hereditary tumor predisposition syndromes. <i>Journal of Pediatric Genetics</i> , 2015, 03, 129-140.	0.7	2
14	Gene Ontology Consortium: going forward. <i>Nucleic Acids Research</i> , 2015, 43, D1049-D1056.	14.5	2,743
15	<scp>GEMC</scp> 1 is a critical regulator of multiciliated cell differentiation. <i>EMBO Journal</i> , 2016, 35, 942-960.	7.8	91
16	Characterizing the morbid genome of ciliopathies. <i>Genome Biology</i> , 2016, 17, 242.	8.8	118
17	Function-driven discovery of disease genes in zebrafish using an integrated genomics big data resource. <i>Nucleic Acids Research</i> , 2016, 44, gkw897.	14.5	24
18	An organelle-specific protein landscape identifies novel diseases and molecular mechanisms. <i>Nature Communications</i> , 2016, 7, 11491.	12.8	207

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19	Evaluation of Planar-Cell-Polarity Phenotypes in Ciliopathy Mouse Mutant Cochlea. Journal of Visualized Experiments, 2016, , 53559.	0.3	6
20	A paneukaryotic genomic analysis of the small GTPase RABL2 underscores the significance of recurrent gene loss in eukaryote evolution. Biology Direct, 2016, 11, 5.	4.6	22
21	TAp73 is a central transcriptional regulator of airway multiciliogenesis. Genes and Development, 2016, 30, 1300-1312.	5.9	112
22	Zebrafish: a vertebrate tool for studying basal body biogenesis, structure, and function. Cilia, 2016, 5, 16.	1.8	8
23	Ptbp1 and Exosc9 knockdowns trigger skin stability defects through different pathways. Developmental Biology, 2016, 409, 489-501.	2.0	13
24	TMEM107 recruits ciliopathy proteins to subdomains of the ciliary transition zone and causes Joubert's syndrome. Nature Cell Biology, 2016, 18, 122-131.	10.3	118
25	Chromosomal contacts connect loci associated with autism, BMI and head circumference phenotypes. Molecular Psychiatry, 2017, 22, 836-849.	7.9	68
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28	Integration of over 9,000 mass spectrometry experiments builds a global map of human protein complexes. Molecular Systems Biology, 2017, 13, 932.	7.2	177
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30	Tgif1 and Tgif2 Repress Expression of the RabGAP Evi5l. Molecular and Cellular Biology, 2017, 37, .	2.3	12
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34	Refining genotype-phenotype correlation in Alström syndrome through study of primary human fibroblasts. Molecular Genetics & Genomic Medicine, 2017, 5, 390-404.	1.2	22
35	Early ciliary and prominin-1 dysfunctions precede neurogenesis impairment in a mouse model of type 2 diabetes. Neurobiology of Disease, 2017, 108, 13-28.	4.4	10
36	How Does the Scientific Community Contribute to Gene Ontology?. Methods in Molecular Biology, 2017, 1446, 85-93.	0.9	9

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37	Nuclear roles for cilia-associated proteins. <i>Cilia</i> , 2017, 6, 8.	1.8	19
38	Probing Cilia-Associated Signaling Proteomes in Animal Evolution. <i>Developmental Cell</i> , 2017, 43, 653-655.	7.0	1
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40	SPEN, a new player in primary cilia formation and cell migration in breast cancer. <i>Breast Cancer Research</i> , 2017, 19, 104.	5.0	32
41	The Gene Ontology of eukaryotic cilia and flagella. <i>Cilia</i> , 2017, 6, 10.	1.8	6
42	A biallelic 36-bp insertion in PIBF1 is associated with Joubert syndrome. <i>Journal of Human Genetics</i> , 2018, 63, 935-939.	2.3	14
43	Truncated SALL1 Impedes Primary Cilia Function in Townes-Brocks Syndrome. <i>American Journal of Human Genetics</i> , 2018, 102, 249-265.	6.2	27
44	Probabilistic data integration identifies reliable gametocyte-specific proteins and transcripts in malaria parasites. <i>Scientific Reports</i> , 2018, 8, 410.	3.3	39
45	CRISPR Screens Uncover Genes that Regulate Target Cell Sensitivity to the Morphogen Sonic Hedgehog. <i>Developmental Cell</i> , 2018, 44, 113-129.e8.	7.0	95
46	Sensing the cilium, digital capture of ciliary data for comparative genomics investigations. <i>Cilia</i> , 2018, 7, 3.	1.8	3
47	TRRAP is a central regulator of human multiciliated cell formation. <i>Journal of Cell Biology</i> , 2018, 217, 1941-1955.	5.2	15
48	EZH2-Mediated Primary Cilium Deconstruction Drives Metastatic Melanoma Formation. <i>Cancer Cell</i> , 2018, 34, 69-84.e14.	16.8	123
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50	Ganetespib limits ciliation and cystogenesis in autosomal-dominant polycystic kidney disease (ADPKD). <i>FASEB Journal</i> , 2018, 32, 2735-2746.	0.5	32
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56	De novo and recessive forms of congenital heart disease have distinct genetic and phenotypic landscapes. Nature Communications, 2019, 10, 4722.	12.8	58
57	Renal ciliopathies. Current Opinion in Genetics and Development, 2019, 56, 49-60.	3.3	37
58	Spatial and proteomic profiling reveals centrosome-independent features of centriolar satellites. EMBO Journal, 2019, 38, e101109.	7.8	73
59	Primary cilia defects causing mitral valve prolapse. Science Translational Medicine, 2019, 11, .	12.4	76
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61	Loss of Primary Cilia Drives Switching from Hedgehog to Ras/MAPK Pathway in Resistant Basal Cell Carcinoma. Journal of Investigative Dermatology, 2019, 139, 1439-1448.	0.7	38
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69	Identifying genetic factors that contribute to the increased risk of congenital heart defects in infants with Down syndrome. Scientific Reports, 2020, 10, 18051.	3.3	14
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71	Differentiation of ciliated human midbrain-derived LUHMES neurons. Journal of Cell Science, 2020, 133, .	2.0	6
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74	Ciliary Genes in Renal Cystic Diseases. Cells, 2020, 9, 907.	4.1	20
75	Animals Models of Inherited Retinal Disease. International Ophthalmology Clinics, 2021, 61, 113-130.	0.7	8
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107	Spatially resolved transcriptomics reveals the architecture of the tumor-microenvironment interface. <i>Nature Communications</i> , 2021, 12, 6278.	12.8	112
108	Isolation of <i>Leishmania</i> Promastigote Flagella. <i>Methods in Molecular Biology</i> , 2020, 2116, 485-495.	0.9	0
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144	A targeted multi-proteomics approach generates a blueprint of the ciliary ubiquitinome. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	3.7	11
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147	Schmidtea mediterranea as a Model Organism to Study the Molecular Background of Human Motile Ciliopathies. International Journal of Molecular Sciences, 2023, 24, 4472.	4.1	1
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158	Management of Hypertension and Associated Cardiovascular Disease in Autosomal Dominant Polycystic Kidney Disease. , 2023, 30, 417-428.		1
159	De-Suppression of Mesenchymal Cell Identities and Variable Phenotypic Outcomes Associated with Knockout of Bbs1. Cells, 2023, 12, 2662.	4.1	0