

An international compendium of mutations in the SCN5A gene in patients referred for Brugada syndrome genetic testing

Heart Rhythm

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular genetics of Brugada syndrome. <i>Frontiers in Biology</i> , 2010, 5, 339-347.	0.7	2
2	How the knowledge of genetic "makeup" and cellular data can affect the analysis of repolarization in surface electrocardiogram. <i>Journal of Electrocardiology</i> , 2010, 43, 583-587.	0.4	1
3	Prospective Evaluation of the Familial Prevalence of the Brugada Syndrome. <i>American Journal of Cardiology</i> , 2010, 106, 1758-1762.	0.7	10
4	The Outer Vestibule of the Na ⁺ Channel "Toxin Receptor and Modulator of Permeation as Well as Gating. <i>Marine Drugs</i> , 2010, 8, 1373-1393.	2.2	13
5	Commentary on the Brugada ECG Pattern. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 280-282.	2.1	15
6	General anaesthesia for insertion of an automated implantable cardioverter defibrillator in a child with Brugada and autism. <i>Indian Journal of Anaesthesia</i> , 2010, 54, 562.	0.3	11
7	Brugada syndrome: Lots of questions, some answers. <i>Heart Rhythm</i> , 2010, 7, 47-49.	0.3	8
8	The SCN5A gene in Brugada syndrome: mutations, variants, missense and nonsense. What's a clinician to do?. <i>Heart Rhythm</i> , 2010, 7, 50-51.	0.3	2
9	To the Editor "The compendium of SCN5A mutations. <i>Heart Rhythm</i> , 2010, 7, e1.	0.3	0
10	Brugada Syndrome 2010. <i>Cardiac Electrophysiology Clinics</i> , 2010, 2, 533-549.	0.7	2
11	Genetic testing for channelopathies, more than ten years progress and remaining challenges. <i>Journal of Cardiovascular Disease Research (discontinued)</i> , 2010, 1, 47-49.	0.1	3
12	To the Editor "Sudden Death in Children. <i>Heart Rhythm</i> , 2010, 7, e1-e2.	0.3	0
13	Gain-of-function mutation S422L in the KCNJ8-encoded cardiac KATP channel Kir6.1 as a pathogenic substrate for J-wave syndromes. <i>Heart Rhythm</i> , 2010, 7, 1466-1471.	0.3	250
14	Mutations in the cardiac L-type calcium channel associated with inherited J-wave syndromes and sudden cardiac death. <i>Heart Rhythm</i> , 2010, 7, 1872-1882.	0.3	387
15	The Cardiac Sodium Channel Is Post-Translationally Modified by Arginine Methylation. <i>Journal of Proteome Research</i> , 2011, 10, 3712-3719.	1.8	59
16	Transient outward current (I _{to}) gain-of-function mutations in the KCND3-encoded Kv4.3 potassium channel and Brugada syndrome. <i>Heart Rhythm</i> , 2011, 8, 1024-1032.	0.3	226
17	A common SCN5A polymorphism modulates the biophysical defects of SCN5A mutations. <i>Heart Rhythm</i> , 2011, 8, 455-462.	0.3	62
18	New familial heterozygous c 4066_4068 delTT 2 bp deletion of the SCN5A gene causing Brugada syndrome. <i>Heart Rhythm</i> , 2011, 8, 1224-1227.	0.3	3

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19	R231C mutation in KCNQ1 causes long QT syndrome type 1 and familial atrial fibrillation. <i>Heart Rhythm</i> , 2011, 8, 48-55.	0.3	63
20	HRS/EHRA Expert Consensus Statement on the State of Genetic Testing for the Channelopathies and Cardiomyopathies. <i>Heart Rhythm</i> , 2011, 8, 1308-1339.	0.3	995
21	Sudden death and ion channel disease: pathophysiology and implications for management. <i>Heart</i> , 2011, 97, 1365-1372.	1.2	43
22	Inherited Cardiac Arrhythmia Syndromes: Role of the Sodium Channel. <i>Cardiac Electrophysiology Clinics</i> , 2011, 3, 93-112.	0.7	0
24	Cardiac ion channel mutations in the sudden infant death syndrome. <i>International Journal of Cardiology</i> , 2011, 152, 162-170.	0.8	79
26	Brugada Syndrome. <i>Neurology International</i> , 2011, 1, e3.	0.2	0
27	Identification of Six Novel SCN5A Mutations in Japanese Patients With Brugada Syndrome. <i>International Heart Journal</i> , 2011, 52, 27-31.	0.5	25
28	Genetic predisposition to sudden cardiac death. <i>Current Opinion in Cardiology</i> , 2011, 26, 46-50.	0.8	8
29	Genetics of sudden cardiac death syndromes. <i>Current Opinion in Cardiology</i> , 2011, 26, 196-203.	0.8	46
31	Brugada Syndrome Caused by a Large Deletion in SCN5A Only Detected by Multiplex Ligation-Dependent Probe Amplification. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 1073-1076.	0.8	34
32	J-wave syndromes. From cell to bedside. <i>Journal of Electrocardiology</i> , 2011, 44, 656-661.	0.4	44
33	Informatic and Functional Approaches to Identifying a Regulatory Region for the Cardiac Sodium Channel. <i>Circulation Research</i> , 2011, 109, 38-46.	2.0	18
34	Phenotypical Manifestations of Mutations in the Genes Encoding Subunits of the Cardiac Sodium Channel. <i>Circulation Research</i> , 2011, 108, 884-897.	2.0	185
35	Sudden Cardiac Arrest Without Overt Heart Disease. <i>Circulation</i> , 2011, 123, 2994-3008.	1.6	49
36	Striking In Vivo Phenotype of a Disease-Associated Human <i>SCN5A</i> Mutation Producing Minimal Changes in Vitro. <i>Circulation</i> , 2011, 124, 1001-1011.	1.6	137
37	Phenotypic Manifestations of Mutations in Genes Encoding Subunits of Cardiac Potassium Channels. <i>Circulation Research</i> , 2011, 109, 97-109.	2.0	75
38	Genetics Primer for the General Cardiologist. <i>Circulation</i> , 2011, 123, 467-467.	1.6	3
39	Genetic Testing for Potentially Lethal, Highly Treatable Inherited Cardiomyopathies/Channelopathies in Clinical Practice. <i>Circulation</i> , 2011, 123, 1021-1037.	1.6	176

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40	Fever-Induced Life-Threatening Arrhythmias in Children Harboring an SCN5A Mutation. <i>Pediatrics</i> , 2011, 127, e239-e244.	1.0	46
41	Concomitant Brugada-like and short QT electrocardiogram linked to SCN5A mutation. <i>European Journal of Human Genetics</i> , 2012, 20, 1189-1192.	1.4	33
42	Brugada-Like Syndrome in Infancy Presenting With Rapid Ventricular Tachycardia and Intraventricular Conduction Delay. <i>Circulation</i> , 2012, 125, 14-22.	1.6	61
43	A Novel Disease Gene for Brugada Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 1098-1107.	2.1	84
44	Letter by Casado-Arroyo et al Regarding Article, "Electrocardiographic Characteristics and SCN5A Mutations in Idiopathic Ventricular Fibrillation Associated With Early Repolarization"; <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, e59; author reply e60-1.	2.1	3
45	Neurological perspectives on voltage-gated sodium channels. <i>Brain</i> , 2012, 135, 2585-2612.	3.7	285
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47	Cardiac Ion Channelopathies and the Sudden Infant Death Syndrome. <i>ISRN Cardiology</i> , 2012, 2012, 1-28.	1.6	39
48	Dominant-negative effect of SCN5A N-terminal mutations through the interaction of Nav1.5 α -subunits. <i>Cardiovascular Research</i> , 2012, 96, 53-63.	1.8	87
49	Brugada Syndrome 2012. <i>Circulation Journal</i> , 2012, 76, 1563-1571.	0.7	161
50	Genetic, Molecular and Cellular Mechanisms Underlying the J Wave Syndromes. <i>Circulation Journal</i> , 2012, 76, 1054-1065.	0.7	149
51	Brugada Syndrome. <i>Circulation Journal</i> , 2012, 76, 2713-2722.	0.7	73
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54	The diagnostic and therapeutic aspects of loss-of-function cardiac sodium channelopathies in children. <i>Heart Rhythm</i> , 2012, 9, 1986-1992.	0.3	40
55	The Genetics of Cardiac Disease Associated with Sudden Cardiac Death. <i>Journal of Molecular Diagnostics</i> , 2012, 14, 424-436.	1.2	4
56	Clinical impact of the number of extrastimuli in programmed electrical stimulation in patients with Brugada type 1 electrocardiogram. <i>Heart Rhythm</i> , 2012, 9, 242-248.	0.3	59
57	Phenotype, genotype, and cellular physiology: Need for clarity in characterization. <i>Heart Rhythm</i> , 2012, 9, 1993-1994.	0.3	3
58	Brugada Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 606-616.	2.1	236

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60	Fibrillation potentials of denervated rat skeletal muscle are associated with expression of cardiac-type voltage-gated sodium channel isoform Nav1.5. <i>Clinical Neurophysiology</i> , 2012, 123, 1650-1655.	0.7	18
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63	Syndrome du QT long congÃ©nital, tachycardie ventriculaire catÃ©cholergique, syndrome de Brugada et mort subite inexpliquÃ©e en pÃ©diatrie. <i>Archives of Cardiovascular Diseases Supplements</i> , 2012, 4, 179-192.	0.0	1
64	Multifocal Ectopic Purkinje-Related Premature Contractions. <i>Journal of the American College of Cardiology</i> , 2012, 60, 144-156.	1.2	156
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66	Genetic variants in SCN5A promoter are associated with arrhythmia phenotype severity in patients with heterozygous loss-of-function mutation. <i>Heart Rhythm</i> , 2012, 9, 1090-1096.	0.3	33
67	Voltage-Gated Sodium Channels: Biophysics, Pharmacology, and Related Channelopathies. <i>Frontiers in Pharmacology</i> , 2012, 3, 124.	1.6	95
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77	Novel SCN5A mutations in two families with â€œBrugada-likeâ€ ST elevation in the inferior leads and conduction disturbances. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2013, 37, 131-140.	0.6	11

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87	Optical and electrical recordings from isolated coronary-perfused ventricular wedge preparations. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 54, 53-64.	0.9	44
88	Abnormal electrocardiographic findings in athletes: recognising changes suggestive of primary electrical disease. <i>British Journal of Sports Medicine</i> , 2013, 47, 153-167.	3.1	105
89	Drug-induced Brugada syndrome. <i>Journal of Arrhythmia</i> , 2013, 29, 88-95.	0.5	9
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98	Cardiac channelopathies: Genetic and molecular mechanisms. <i>Gene</i> , 2013, 517, 1-11.	1.0	97
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102	Application of statistics and machine learning for risk stratification of heritable cardiac arrhythmias. <i>Expert Systems With Applications</i> , 2013, 40, 2476-2486.	4.4	6
103	Characterization of 2 Genetic Variants of Na ^v 1.5 Arginine 689 Found in Patients with Cardiac Arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 1037-1046.	0.8	11
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109	Genetic testing in heritable cardiac arrhythmia syndromes. <i>Current Opinion in Cardiology</i> , 2013, 28, 63-71.	0.8	42
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114	Novel <i>SCN3B</i> Mutation Associated With Brugada Syndrome Affects Intracellular Trafficking and Function of Nav1.5. <i>Circulation Journal</i> , 2013, 77, 959-967.	0.7	70

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122	The Disease-Specific Phenotype in Cardiomyocytes Derived from Induced Pluripotent Stem Cells of Two Long QT Syndrome Type 3 Patients. <i>PLoS ONE</i> , 2013, 8, e83005.	1.1	77
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131	Gain-of-function mutation in TASK4 channels and severe cardiac conduction disorder. <i>EMBO Molecular Medicine</i> , 2014, 6, 937-951.	3.3	60
132	Brugada Syndrome: A Heterogeneous Disease with a Common ECG Phenotype?. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 450-456.	0.8	18

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141	Cardiac Sodium Channel Overlap Syndrome. <i>Cardiac Electrophysiology Clinics</i> , 2014, 6, 761-776.	0.7	3
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143	Sodium Current Disorders. <i>Cardiac Electrophysiology Clinics</i> , 2014, 6, 819-824.	0.7	1
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147	Mutations in SCN10A Are Responsible for a Large Fraction of Cases of Brugada Syndrome. <i>Journal of the American College of Cardiology</i> , 2014, 64, 66-79.	1.2	212
148	Importance of Clinical Analysis in the New Era of Molecular Genetic Screening —. <i>Journal of the American College of Cardiology</i> , 2014, 64, 80-82.	1.2	6
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150	Sequencing of <i>SCN5A</i> Identifies Rare and Common Variants Associated With Cardiac Conduction: Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 365-373.	5.1	12

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153	Genetic Variants for Long QT Syndrome among Infants and Children from a Statewide Newborn Hearing Screening Program Cohort. <i>Journal of Pediatrics</i> , 2014, 164, 590-595.e3.	0.9	14
154	A truncating SCN5A mutation combined with genetic variability causes sick sinus syndrome and early atrial fibrillation. <i>Heart Rhythm</i> , 2014, 11, 1015-1023.	0.3	43
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156	Evolution of clinical diagnosis in patients presenting with unexplained cardiac arrest or syncope due to polymorphic ventricular tachycardia. <i>Heart Rhythm</i> , 2014, 11, 274-281.	0.3	32
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