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Mutations in the 3'untranslated region of GATA4 as molecular hotspots for congenital heart disease (CHD)

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#	Paper	IF	Citations
72	POEM, A 3-dimensional exon taxonomy and patterns in untranslated exons. <i>BMC Genomics</i> , 2008 , 9, 428-435	4.5	1
71	Investigation of somatic NKX2-5 mutations in congenital heart disease. <i>Journal of Medical Genetics</i> , 2009 , 46, 115-22	5.8	49
70	HLA-G 3'-UTR SNP and 14-bp deletion polymorphisms in Portuguese and Guinea-Bissau populations. <i>International Journal of Immunogenetics</i> , 2009 , 36, 361-6	2.3	25
69	Chromosome 8p23.1 deletions as a cause of complex congenital heart defects and diaphragmatic hernia. <i>American Journal of Medical Genetics, Part A</i> , 2009 , 149A, 1661-77	2.5	120
68	GATA4 is a regulator of astrocyte cell proliferation and apoptosis in the human and murine central nervous system. <i>Oncogene</i> , 2009 , 28, 3033-46	9.2	40
67	Role of 5'- and 3'-untranslated regions of mRNAs in human diseases. <i>Biology of the Cell</i> , 2009 , 101, 251-63	3.5	301
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65	Mutations of the GATA4 and NKX2.5 genes in Chinese pediatric patients with non-familial congenital heart disease. <i>Genetica</i> , 2010 , 138, 1231-40	1.5	53
64	X chromosome monosomy restricted to the left ventricle is not a major cause of isolated hypoplastic left heart. <i>American Journal of Medical Genetics, Part A</i> , 2010 , 152A, 1967-72	2.5	3
63	Sigma nonopioid intracellular receptor 1 mutations cause frontotemporal lobar degeneration-motor neuron disease. <i>Annals of Neurology</i> , 2010 , 68, 639-49	9.4	147
62	Targeted array comparative genomic hybridisation (array CGH) identifies genomic imbalances associated with isolated congenital diaphragmatic hernia (CDH). <i>Prenatal Diagnosis</i> , 2010 , 30, 1198-206	3.2	37
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58	The oligodeoxynucleotide probes for the site-specific modification of RNA. <i>Chemical Society Reviews</i> , 2011 , 40, 5698-706	58.5	23
57	GATA4 specific nonsynonymous single-nucleotide polymorphisms in congenital heart disease patients of Mysore, India. <i>Genetic Testing and Molecular Biomarkers</i> , 2011 , 15, 715-20	1.6	11
56	Search of somatic GATA4 and NKX2.5 gene mutations in sporadic septal heart defects. <i>European Journal of Medical Genetics</i> , 2011 , 54, 306-9	2.6	31

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54	Investigation of somatic NKX2-5, GATA4 and HAND1 mutations in patients with tetralogy of Fallot. <i>Pathology</i> , 2011 , 43, 322-6	1.6	28
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52	A GATA4-regulated tumor suppressor network represses formation of malignant human astrocytomas. <i>Journal of Experimental Medicine</i> , 2011 , 208, 689-702	16.6	65
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50	GATA4 expression is primarily regulated via a miR-26b-dependent post-transcriptional mechanism during cardiac hypertrophy. <i>Cardiovascular Research</i> , 2012 , 93, 645-54	9.9	63
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