

Characterization of splice variants of the genes encoding lyase and HMG-CoA synthase, the main enzymes of the

Molecular Biology Reports

39, 4777-4785

DOI: [10.1007/s11033-011-1270-8](https://doi.org/10.1007/s11033-011-1270-8)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Characterization of a novel HMG-CoA lyase enzyme with a dual location in endoplasmic reticulum and cytosol. <i>Journal of Lipid Research</i> , 2012, 53, 2046-2056.	2.0	8
2	Analysis of aberrant splicing and nonsense-mediated decay of the stop codon mutations c.109G>T and c.504_505delCT in 7 patients with HMG-CoA lyase deficiency. <i>Molecular Genetics and Metabolism</i> , 2013, 108, 232-240.	0.5	7
3	Quantitative Proteomics Reveals That Enzymes of the Ketogenic Pathway Are Associated with Prostate Cancer Progression. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1589-1601.	2.5	88
4	Fatty Acid Transport Protein 1 (FATP1) Localizes in Mitochondria in Mouse Skeletal Muscle and Regulates Lipid and Ketone Body Disposal. <i>PLoS ONE</i> , 2014, 9, e98109.	1.1	24
5	Icariin Is A PPAR α Activator Inducing Lipid Metabolic Gene Expression in Mice. <i>Molecules</i> , 2014, 19, 18179-18191.	1.7	41
6	Metabolic biology of 3-methylglutaconic aciduria: a new perspective. <i>Journal of Inherited Metabolic Disease</i> , 2014, 37, 359-368.	1.7	25
7	Transcriptomic profiling of TK2 deficient human skeletal muscle suggests a role for the p53 signalling pathway and identifies growth and differentiation factor-15 as a potential novel biomarker for mitochondrial myopathies. <i>BMC Genomics</i> , 2014, 15, 91.	1.2	104
8	3-Hydroxy-3-methylglutaric aciduria with bilateral basal ganglia lesion: A case report. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 2573-2576.	0.8	0
9	γ -Hydroxybutyrate in the Brain: One Molecule, Multiple Mechanisms. <i>Neurochemical Research</i> , 2017, 42, 35-49.	1.6	182
10	Transcriptional analysis of abdominal fat in chickens divergently selected on bodyweight at two ages reveals novel mechanisms controlling adiposity: validating visceral adipose tissue as a dynamic endocrine and metabolic organ. <i>BMC Genomics</i> , 2017, 18, 626.	1.2	51
11	Role of Sex Hormones on Brain Mitochondrial Function, with Special Reference to Aging and Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 406.	1.7	82
12	Neuroketotherapeutics: A modern review of a century-old therapy. <i>Neurochemistry International</i> , 2018, 117, 114-125.	1.9	96
13	Short-term and long-term ketogenic diet therapy and the addition of exercise have differential impacts on metabolic gene expression in the mouse energy-consuming organs heart and skeletal muscle. <i>Nutrition Research</i> , 2018, 60, 77-86.	1.3	20
14	The specific molecular architecture of plant 3-hydroxy-3-methylglutaryl-CoA lyase. <i>Journal of Biological Chemistry</i> , 2019, 294, 16186-16197.	1.6	3
15	More Than One HMG-CoA Lyase: The Classical Mitochondrial Enzyme Plus the Peroxisomal and the Cytosolic Ones. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6124.	1.8	14
16	3-hydroxy-3-methylglutaryl-coenzyme A lyase deficiency: one disease - many faces. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 48.	1.2	20
17	Potentially functional genetic variants in <i>PLIN2</i> , <i>SULT2A1</i> and <i>UGT1A9</i> genes of the ketone pathway and survival of nonsmall cell lung cancer. <i>International Journal of Cancer</i> , 2020, 147, 1559-1570.	2.3	8
18	Myocardial Ketones Metabolism in Heart Failure. <i>Journal of Cardiac Failure</i> , 2020, 26, 998-1005.	0.7	36

#	ARTICLE	IF	CITATIONS
19	Alternative Splice Variants in TIM Barrel Proteins from Human Genome Correlate with the Structural and Evolutionary Modularity of this Versatile Protein Fold. PLoS ONE, 2013, 8, e70582.	1.1	7
21	SGLT2 Inhibitors and Ketone Metabolism in Heart Failure. Journal of Lipid and Atherosclerosis, 2022, 11, 1.	1.1	25
22	Novel protein from larval sponge cells, ilborin, is related to energy turnover and calcium binding and is conserved among marine invertebrates. Open Biology, 2022, 12, 210336.	1.5	0
23	Nutrition, metabolism, and epigenetics: pathways of circadian reprogramming. EMBO Reports, 2022, 23, e52412.	2.0	26
24	Treatment of HMG-CoA Lyase Deficiency—Longitudinal Data on Clinical and Nutritional Management of 10 Australian Cases. Nutrients, 2023, 15, 531.	1.7	2