

Gene sequence and primary structure of mitochondrial *Saccharomyces cerevisiae*

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Archaeobacterial malate dehydrogenase: The amino-terminal sequence of the enzyme from <i>Sulfolobus acidocaldarius</i> is homologous to the eubacterial and eukaryotic malate dehydrogenases. <i>FEBS Letters</i> , 1989, 247, 259-262.	1.3	8
2	Properties and primary structure of the L-malate dehydrogenase from the extremely thermophilic archaeobacterium <i>Methanothermus fervidus</i> . <i>FEBS Journal</i> , 1990, 188, 623-632.	0.2	88
3	Primary structure of sorghum malate dehydrogenase (NADP) deduced from cDNA sequence. Homology with malate dehydrogenase (NAD). <i>FEBS Journal</i> , 1990, 192, 299-303.	0.2	59
4	Mitochondrial malate dehydrogenase from watermelon: sequence of cDNA clones and primary structure of the higher-plant precursor protein. <i>Plant Molecular Biology</i> , 1990, 14, 1019-1030.	2.0	37
5	Caldesmon, calmodulin and tropomyosin interactions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1990, 1054, 103-113.	1.9	20
6	Structural and functional effects of mutations altering the subunit interface of mitochondrial malate dehydrogenase. <i>Archives of Biochemistry and Biophysics</i> , 1991, 287, 276-282.	1.4	21
7	Purification and crystallization of recombinant <i>Escherichia coli</i> malate dehydrogenase. <i>Journal of Molecular Biology</i> , 1991, 220, 551-553.	2.0	9
8	Isolation, nucleotide sequence analysis, and disruption of the MDH2 gene from <i>Saccharomyces cerevisiae</i> : evidence for three isozymes of yeast malate dehydrogenase.. <i>Molecular and Cellular Biology</i> , 1991, 11, 370-380.	1.1	110
9	Malate dehydrogenase isoenzymes: Cellular locations and role in the flow of metabolites between the cytoplasm and cell organelles. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1992, 1100, 217-234.	0.5	166
10	Expression and function of heterologous forms of malate dehydrogenase in yeast. <i>Archives of Biochemistry and Biophysics</i> , 1992, 293, 93-102.	1.4	11
11	Crystal structure of <i>Escherichia coli</i> malate dehydrogenase. <i>Journal of Molecular Biology</i> , 1992, 226, 867-882.	2.0	102
12	Expression of <i>Schistosoma mansoni</i> genes involved in anaerobic and oxidative glucose metabolism during the cercaria to adult transformation. <i>Molecular and Biochemical Parasitology</i> , 1993, 60, 93-104.	0.5	53
13	Kinetic mechanism of <i>Escherichia coli</i> isocitrate dehydrogenase. <i>Biochemistry</i> , 1993, 32, 9302-9309.	1.2	78
14	Preparation and kinetic characterization of a fusion protein of yeast mitochondrial citrate synthase and malate dehydrogenase. <i>Biochemistry</i> , 1994, 33, 11692-11698.	1.2	76
15	Metabolic studies on <i>Saccharomyces cerevisiae</i> containing fused citrate synthase/malate dehydrogenase. <i>Biochemistry</i> , 1994, 33, 11684-11691.	1.2	21
16	Refined Crystal Structure of Mitochondrial Malate Dehydrogenase from Porcine Heart and the Consensus Structure for Dicarboxylic Acid Oxidoreductases. <i>Biochemistry</i> , 1994, 33, 2078-2088.	1.2	75
17	Nucleotide Sequence of a cDNA Encoding Mitochondrial Malate Dehydrogenase from <i>Eucalyptus</i> . <i>Plant Physiology</i> , 1995, 107, 1455-1456.	2.3	13
18	Expression and Function of a Mislocalized Form of Peroxisomal Malate Dehydrogenase (MDH3) in Yeast. <i>Journal of Biological Chemistry</i> , 1995, 270, 21220-21225.	1.6	28

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19	Prediction and Identification of New Natural Substrates of the Yeast Mitochondrial Intermediate Peptidase. <i>Journal of Biological Chemistry</i> , 1995, 270, 27366-27373.	1.6	98
20	RTG Genes in Yeast That Function in Communication between Mitochondria and the Nucleus Are Also Required for Expression of Genes Encoding Peroxisomal Proteins. <i>Journal of Biological Chemistry</i> , 1995, 270, 18141-18146.	1.6	121
21	Molecular Genetics of Yeast TCA Cycle Isozymes. <i>Progress in Molecular Biology and Translational Science</i> , 1997, 57, 317-339.	1.9	29
22	Metabolic Effects of Altering Redundant Targeting Signals for Yeast Mitochondrial Malate Dehydrogenase. <i>Archives of Biochemistry and Biophysics</i> , 1997, 344, 53-60.	1.4	18
23	Cloning, sequencing and overexpression of the gene encoding malate dehydrogenase from the deep-sea bacterium <i>Photobacterium</i> species strain SS9. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1997, 1350, 41-46.	2.4	12
24	Bicarbonate-mediated social communication stimulates meiosis and sporulation of <i>Saccharomyces cerevisiae</i> . , 1998, 14, 623-631.		50
25	Alfalfa malate dehydrogenase (MDH): molecular cloning and characterization of five different forms reveals a unique nodule-enhanced MDH. <i>Plant Journal</i> , 1998, 15, 173-184.	2.8	152
26	Two-dimensional electrophoresis of <i>Malassezia</i> allergens for atopic dermatitis and isolation of Mal f 4 homologs with mitochondrial malate dehydrogenase. <i>FEBS Journal</i> , 1999, 261, 148-154.	0.2	58
27	The Mitochondrial Alcohol Dehydrogenase Adh3p Is Involved in a Redox Shuttle in <i>Saccharomyces cerevisiae</i> . <i>Journal of Bacteriology</i> , 2000, 182, 4730-4737.	1.0	150
28	Stoichiometry and compartmentation of NADH metabolism in <i>Saccharomyces cerevisiae</i> . <i>FEMS Microbiology Reviews</i> , 2001, 25, 15-37.	3.9	410
29	Isolation of high-malate-producing sake yeasts from low-maltose-assimilating mutants. <i>Journal of Bioscience and Bioengineering</i> , 2001, 92, 429-433.	1.1	31
30	Physical and Genetic Interactions of Cytosolic Malate Dehydrogenase with Other Gluconeogenic Enzymes. <i>Journal of Biological Chemistry</i> , 2003, 278, 25628-25636.	1.6	21
31	Low virulent strains of <i>Candida albicans</i> : Unravelling the antigens for a future vaccine. <i>Proteomics</i> , 2004, 4, 3007-3020.	1.3	62
32	Differences in malate dehydrogenases from the obligately piezophilic deep-sea bacterium <i>Moritella</i> sp. strain 2D2 and the psychrophilic bacterium <i>Moritella</i> sp. strain 5710. <i>FEMS Microbiology Letters</i> , 2004, 233, 165-172.	0.7	11
33	Amino acid substitutions in malate dehydrogenases of piezophilic bacteria isolated from intestinal contents of deep-sea fishes retrieved from the abyssal zone. <i>Journal of General and Applied Microbiology</i> , 2006, 52, 9-19.	0.4	6
35	Low virulent strains of <i>Candida albicans</i> : Unravelling the antigens for a future vaccine. , 0, , 181-201.		0
36	The malate-aspartate NADH shuttle components are novel metabolic longevity regulators required for calorie restriction-mediated life span extension in yeast. <i>Genes and Development</i> , 2008, 22, 931-944.	2.7	130
37	Disulfide Bond Formation in Yeast NAD ⁺ -Specific Isocitrate Dehydrogenase. <i>Biochemistry</i> , 2009, 48, 8869-8878.	1.2	10

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38	Redox responses in yeast to acetate as the carbon source. Archives of Biochemistry and Biophysics, 2009, 483, 136-143.	1.4	10
39	Mitochondrial protein turnover: role of the precursor intermediate peptidase Oct1 in protein stabilization. Molecular Biology of the Cell, 2011, 22, 2135-2143.	0.9	107
40	Effects of Excess Succinate and Retrograde Control of Metabolite Accumulation in Yeast Tricarboxylic Cycle Mutants. Journal of Biological Chemistry, 2011, 286, 33737-33746.	1.6	21
41	Alternative Splicing Regulates Targeting of Malate Dehydrogenase in <i>Yarrowia lipolytica</i> . DNA Research, 2012, 19, 231-244.	1.5	48
42	The use of lactic acid-producing, malic acid-producing, or malic acid-degrading yeast strains for acidity adjustment in the wine industry. Applied Microbiology and Biotechnology, 2014, 98, 2395-2413.	1.7	45
43	NAD ⁺ Metabolism and Regulation: Lessons From Yeast. Biomolecules, 2020, 10, 330.	1.8	25
44	Transcriptome analysis reveals the mechanisms involved in the enhanced antagonistic efficacy of <i>Rhodotorula mucilaginosa</i> induced by chitosan. LWT - Food Science and Technology, 2021, 142, 110992.	2.5	7
45	Isolation and characterization of the yeast gene encoding the MDH3 isozyme of malate dehydrogenase.. Journal of Biological Chemistry, 1992, 267, 24708-24715.	1.6	87
46	Glucose-induced degradation of the MDH2 isozyme of malate dehydrogenase in yeast.. Journal of Biological Chemistry, 1992, 267, 17458-17464.	1.6	42
47	Isolation, nucleotide sequence, and disruption of the <i>Saccharomyces cerevisiae</i> gene encoding mitochondrial NADP(H)-specific isocitrate dehydrogenase. Journal of Biological Chemistry, 1991, 266, 2339-2345.	1.6	83
48	NAD(+)-dependent isocitrate dehydrogenase. Cloning, nucleotide sequence, and disruption of the IDH2 gene from <i>Saccharomyces cerevisiae</i> .. Journal of Biological Chemistry, 1991, 266, 22199-22205.	1.6	123
49	Chemical Modification of Chalcone Isomerase by Mercurials and Tetrathionate. Journal of Biological Chemistry, 1989, 264, 14272-14276.	1.6	20
50	Dispensable presequence for cellular localization and function of mitochondrial malate dehydrogenase from <i>Saccharomyces cerevisiae</i> . Journal of Biological Chemistry, 1989, 264, 12091-12096.	1.6	32
51	Evidence that an ATPase functions in the maintenance of the acidic pH of the hamster sperm acrosome.. Journal of Biological Chemistry, 1981, 256, 4708-4711.	1.6	26
52	Isolation, Nucleotide Sequence Analysis, and Disruption of the MDH2 Gene from <i>Saccharomyces cerevisiae</i> : Evidence for Three Isozymes of Yeast Malate Dehydrogenase. Molecular and Cellular Biology, 1991, 11, 370-380.	1.1	38
53	PET genes of <i>Saccharomyces cerevisiae</i> . Microbiological Reviews, 1990, 54, 211-225.	10.1	494
54	Proteomic Differences between Azole-Susceptible and -Resistant <i>Aspergillus fumigatus</i> Strains. Advances in Microbiology, 2018, 08, 77-99.	0.3	5