print this page close this window

Gene Model Search Results

Locus Identifier	Representative Gene Model Name	Gene Description	Gene Model Type	Primary Gene Symbol	All Gene Symbols
AT4G38660	AT4G38660.1	Pathogenesis-related thaumatin superfamily protein; (source:Araport11)	protein_coding		
AT2G14440	AT2G14440.1	Leucine-rich repeat protein kinase family protein; (source:Araport11)	protein_coding		
AT3G17640	AT3G17640.1	Leucine-rich repeat (LRR) family protein;(source:Araport11)	protein_coding		
AT3G19830	AT3G19830.1	Calcium-dependent lipid-binding (CaLB domain) family protein; (source:Araport11)	protein_coding	(NTMC2T5.2)	(NTMC2TYPE5.2) (NTMC2T5.2)
AT1G09780	AT1G09780.1	Encodes a 2,3-biphosphoglycerate-independent phosphoglycerate mutase that is involved in pollen development and stomatal movement.	protein_coding	2,3-BIPHOSPHOGLYCERATE-INDEPENDENT PHOSPHOGLYCERATE MUTASE 1 (iPGAM1)	2,3-BIPHOSPHOGLYCERATE-INDEPENDENT PHOSPHOGLYCERATE MUTASE 1 (iPGAM1)
AT5G43280	AT5G43280.1	Encodes the peroxisomal delta 3,5-delta2,4-dienoyl-CoA isomerase, a enzyme involved in degradation of unsaturated fatty acids. Gene expression is induced upon seed germination.	protein_coding	DELTA(3,5),DELTA(2,4)-DIENOYL-COA ISOMERASE 1 (DCI1)	DELTA(3,5),DELTA(2,4)-DIENOYL-COA ISOMERASE 1 (DCI1) DELTA(3,5),DELTA(2,4)-DIENOYL-COA ISOMERASE 1 - OLD (DCI1) DELTA(3,5),DELTA(2,4)-DIENOYL-COA ISOMERASE 1 (ATDCI1)
AT5G27740	AT5G27740.1	A locus involved in embryogenesis. Mutations in this locus result in embryo lethality.	protein_coding	EMBRYO DEFECTIVE 2775 (EMB2775)	EMBRYO DEFECTIVE 161 (EMB161) EMBRYO DEFECTIVE 2775 (EMB2775) REPLICATION FACTOR C 5 (RFC5) EMBRYO DEFECTIVE 251 (EMB251) REPLICATION FACTOR C 3 (RFC3)
AT4G00990	AT4G00990.1	jJumonji-domain-containing H3K9 histone demethylase. Loss of function mutants are susceptible to bacterial infection and early flowering.	protein_coding	JMJC DOMAIN-CONTAINING PROTEIN 27 (JMJ27)	JMJC DOMAIN-CONTAINING PROTEIN 27 (JMJ27) (ATJMJ17)
AT3G08720	AT3G08720.1	Encodes a ribosomal-protein S6 kinase. Gene expression is induced by cold and salt (NaCl). Activation of AtS6k is regulated by 1-naphthylacetic acid and kinetin, at least in part, via a lipid kinase-dependent pathway. Phosphorylates specifically mammalian and plant S6 at 25 degrees C but not at 37 degrees C. Involved in translational up-regulation of ribosomal proteins.	protein_coding	SERINE/THREONINE PROTEIN KINASE 2 (S6K2)	ARABIDOPSIS THALIANA PROTEIN KINASE 2 (ATPK2) SERINE/THREONINE PROTEIN KINASE 2 (S6K2) ARABIDOPSIS THALIANA SERINE/THREONINE PROTEIN KINASE 2 (ATS6K2) ARABIDOPSIS THALIANA PROTEIN KINASE 19 (ATPK19)
AT5G48070	AT5G48070.1	putative xyloglucan endotransglycosylase/hydrolase, expressed primarily in the stele of mature non-elongating regions of both the main and the lateral root. Is expressed in lateral root primordia but expression ceases after lateral root begins to grow. Involved in cell proliferation in incised inflorescence stems.	protein_coding	XYLOGLUCAN ENDOTRANSGLUCOSYLASE/HYDROLASE 20 (XTH20)	XYLOGLUCAN ENDOTRANSGLUCOSYLASE/HYDROLASE 20 (XTH20) XYLOGLUCAN ENDOTRANSGLUCOSYLASE/HYDROLASE 20 (ATXTH20)

Last updated on : Fri Sep 29 14:00:07 2023