

ID	ITEM
1	EST
2	EST_Contig
3	Primer
4	SequencingReaction
5	TreeSamples
6	DNAextractions
7	SequencingChromats
8	GO terms
9	Plam
10	Blast Annotation

search_goterm

Go Term:

Results: 10

ID	Go Number	Go Term
0044	GO:0003141	Adenylate Kinase
1066	GO:0005926	Creatine Kinase
1215	GO:0005358	Pyruvate Kinase
1492	GO:0009793	Tyrosine Kinase
1725	GO:0002384	Hexokinase
1789	GO:0006264	Heptokinase
1792	GO:0003832	Moosaccharide Kinase
1865	GO:0007950	Progesterone Kinase
1945	GO:0002884	Anopheles Kinase
1961	GO:0001871	Branched Kinase

Genotypic Markers	Score	Quality	Map Position	Species	GO Search
2_4447_01_snp310	20	25	75.2	Pt	kinase
2_4447_01_snp432	25	40	27.9	Pt	kinase
0_4881_01_snp231	30	35		Pt	kinase
0_4881_01_snp366	20	25		Pt	kinase
0_4881_01_snp429	20	25		Pt	kinase

Search ESTs and Contigs
 Name
 Annotation
 Ontologies
 Homologies
 Domains

Generate Lists of Genotypic Markers
 User-Defined Lists
 Save, & Export (Excel)

data_est_68454

EST Name: RTWW1_13_E10.b1_A015

EST ID: 68454

Sequence File: CF401501.fasta

Species: Pinus taeda

Genbank ID: CF401501

Library: RTWW1

EST Contigs: 0_5056

data_goterm_1215

Description: Kinase (Pyruvate)

Assoc. ESTs: RTWW1_13_E10.b1_A015
 RTWW1_13_E12.b1_A016
 RTWZ1_13_E10.b1_105R
 RTWZ1_13_E10.b1_106R
 RTWZ2_16_A01.b1_106R
 RTWW1_13_E15.b2_W013
 RTWZ1_13_E12.b2_105E
 RTWZ2_14_A03.c5_103K
 AMPO2_14_A01.b1_A001
 AMPO2_14_B02.b2_B020

Create Window
 Save Workspace
 Load Workspace

s_contig

s_primer_3734

Pr Name: 2_2945_01_R

Sequence: CAGGAAACAGCTATGACCTATTTTTACAGACCCCAACGTG

mplicon: 2_2945_01

Called SNPs 2_4447_01

2_4447_01_snp310
2_4447_01_snp346
2_4447_01_snp354
2_4447_01_snp373
2_4447_01_snp392
2_4447_01_snp406
2_4447_01_snp432
2_4447_01_snp527
2_4447_01_snp582

SNPs 2_447_01_snp310

SNP call:

POLYPHRED	score 20
POLYPHRED	quality 20
POLYPHRED	window 20
POLYPHRED	tag genotype
POLYPHRED	source /-
POLYPHRED	refcomp_REF

310 CTATAAGCCC C A TTCAAGTCCT 99

Individual genotypes:

1259	C/C
1260	C/C
1261	C/C
1263	C/C
1264	A/A
1265	C/C
1266	A/A
1267	C/C

Comments: Includes M13 Forward primer, sequence GTAAGACGAG used for sequencing. Inserted from file July13to24_Set worksheet Allsetup_July13to24; Primer designed at Age EST contig 2_2945

Details on Identified SNPs
 Confidence Scores
 Genotypes
 Map Positions

