

2577229PCTSequenceListing.txt
SEQUENCE LISTING

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<120> Gene Silencing of Sugar-Dependent 1 in Jatropha Curcas
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<150> US 61/773,386
<151> 2013-03-06
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<170> PatentIn version 3.5
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tagcaaatca tccaaaacac gaaactttta gag atg gat ata agt aat gag gcc 894
Met Asp Ile Ser Asn Glu Ala
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2577229PCTSequenceListing.txt

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Ile Ala Phe Arg Val Leu Phe Cys Lys Ser Met Gly Gln Leu Arg Arg	
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Arg Ile Tyr His Phe Leu Leu Asn Tyr Ile Cys Arg Leu Arg Asp Phe	
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Cys Ala Ser Met Val Ser Trp Leu His Pro Arg Asn Pro Gln Gly Ile	
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ctg gca atg gtg aca ata att gct ttt gta ttg aaa agg tac aca aac	1134
Leu Ala Met Val Thr Ile Ile Ala Phe Val Leu Lys Arg Tyr Thr Asn	
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Val Lys Ser Arg Ala Glu Met Ala Tyr Arg Arg Lys Phe Trp Arg Asn	
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Arg Asn Leu Gly Asn Met Cys Asn Pro Glu Leu His Lys Gly Arg Leu	
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Gln Val Pro Lys Leu Ile Lys Glu Tyr Ile Asp Glu Val Ser Thr Gln	
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Ser Ser Val Gly Ser Ile Met Cys Ser Ile Val Ala Thr Arg Ala Trp	
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2577229PCTSequenceListing.txt

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2577229PCTSequenceListing.txt

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2577229PCTSequenceListing.txt

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Pro Arg Asn Pro Gln Gly Ile Leu Ala Met Val Thr Ile Ile Ala Phe
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Glu Leu Arg His Arg Arg Gln Glu Gly Ser Leu Arg Asp Ile Ile Phe
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Cys Met Arg Ala Asp Leu Ile Arg Asn Leu Gly Asn Met Cys Asn Pro
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2577229PCTSequenceListing.txt

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Gly Ala Phe His Val Gly Val Val Lys Thr Leu Val Gln His Lys Leu
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Ile Val Ala Thr Arg Ala Trp Pro Glu Leu Gln Ser Phe Phe Glu Asp
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Ser Leu His Ser Leu Gln Phe Phe Asp Gln Met Gly Gly Leu Phe Thr
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Val Val Lys Arg Val Thr Thr Gln Gly Ala Val His Glu Ile Arg Gln
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Arg Lys His Glu Pro Pro Arg Cys Leu Asn Tyr Leu Thr Ser Pro His
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Val Val Ile Trp Ser Ala Val Thr Ala Ser Cys Ala Phe Pro Gly Leu
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Phe Glu Ala Gln Glu Leu Met Ala Lys Asp Arg Ser Gly Glu Ile Val
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Pro Tyr His Pro Pro Phe Lys Leu Glu Pro Glu Glu Gly Ser Ser Thr
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Ser Ala Arg Arg Trp Arg Asp Gly Ser Leu Glu Ile Asp Leu Pro Met
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Met Gln Leu Lys Glu Leu Phe Asn Val Asn His Phe Ile Val Ser Gln
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Ala Asn Pro His Ile Ala Pro Leu Leu Arg Met Lys Glu Phe Ile Arg
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2577229PCTSequenceListing.txt

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 Val Val Met Pro Ala Thr Leu Ala Gln Tyr Ser Lys Ile Ile Gln Asn
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 Thr Trp Glu Lys Leu Ser Ala Ile Lys Ala Asn Cys Gly Ile Glu Leu
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 Gln Asn Leu Asp Ile Asp Ala Glu Leu Thr Lys Gly Leu Leu Thr His
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2577229PCTSequenceListing.txt

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2577229PCTSequenceListing.txt

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2577229PCTSequenceListing.txt

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tatccctatc aagctgaaca cattcaggaa ttctattgta attttctgaa tcctggcttc     1740
tatttgagag tccaagttt tccttcttta cgacgttcaa cacaatcca ttatggagga     1800
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tctatctctc tctatTTTTt tccagaataa tgtgtgagta gttcccagat aagggaatta     1920
gggttcttat agggtttcgc tcatgtgttg agcatataag aaacccttag tatgtatttg     1980
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Ser Ser Ile Met Gly Arg Thr Ile Ala Phe Arg Val Leu Phe Cys Arg
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Ser Met Ser Gln Leu Arg Arg Asp Leu Phe Arg Phe Leu Leu His Trp
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Phe Leu Arg Phe Lys Leu Thr Val Ser Pro Phe Val Ser Trp Phe His
50           55           60

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2577229PCTSequenceListing.txt

Pro Arg Asn Pro Gln Gly Ile Leu Ala Val Val Thr Ile Ile Ala Phe
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Val Leu Lys Arg Tyr Thr Asn Val Lys Ile Lys Ala Glu Met Ala Tyr
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Arg Arg Lys Phe Trp Arg Asn Met Met Arg Thr Ala Leu Thr Tyr Glu
100 105 110

Glu Trp Ala His Ala Ala Lys Met Leu Glu Lys Glu Thr Pro Lys Met
115 120 125

Asn Glu Ser Asp Leu Tyr Asp Glu Glu Leu Val Lys Asn Lys Leu Gln
130 135 140

Glu Leu Arg His Arg Arg Gln Glu Gly Ser Leu Arg Asp Ile Met Phe
145 150 155 160

Cys Met Arg Ala Asp Leu Val Arg Asn Leu Gly Asn Met Cys Asn Ser
165 170 175

Glu Leu His Lys Gly Arg Leu Gln Val Pro Arg His Ile Lys Glu Tyr
180 185 190

Ile Asp Glu Val Ser Thr Gln Leu Arg Met Val Cys Asn Ser Asp Ser
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Glu Glu Leu Ser Leu Glu Glu Lys Leu Ser Phe Met His Glu Thr Arg
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His Ala Phe Gly Arg Thr Ala Leu Leu Leu Ser Gly Gly Ala Ser Leu
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Gly Ala Phe His Val Gly Val Val Arg Thr Leu Val Glu His Lys Leu
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Leu Pro Arg Ile Ile Ala Gly Ser Ser Val Gly Ser Ile Ile Cys Ala
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Val Val Ala Ser Arg Ser Trp Pro Glu Leu Gln Ser Phe Phe Glu Asn
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Ser Leu His Ser Leu Gln Phe Phe Asp Gln Leu Gly Gly Val Phe Ser
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Ile Val Lys Arg Val Met Thr Gln Gly Ala Leu His Asp Ile Arg Gln
305 310 315 320

Leu Gln Cys Met Leu Arg Asn Leu Thr Ser Asn Leu Thr Phe Gln Glu
325 330 335

Ala Tyr Asp Met Thr Gly Arg Ile Leu Gly Ile Thr Val Cys Ser Pro
Page 11

2577229PCTSequenceListing.txt

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345

350

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 355 360 365

Val Val Ile Trp Ser Ala Val Thr Ala Ser Cys Ala Phe Pro Gly Leu
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Phe Glu Ala Gln Glu Leu Met Ala Lys Asp Arg Ser Gly Glu Ile Val
 385 390 395 400

Pro Tyr His Pro Pro Phe Asn Leu Asp Pro Glu Val Gly Thr Lys Ser
 405 410 415

Ser Ser Gly Arg Arg Trp Arg Asp Gly Ser Leu Glu Val Asp Leu Pro
 420 425 430

Met Met Gln Leu Lys Glu Leu Phe Asn Val Asn His Phe Ile Val Ser
 435 440 445

Gln Ala Asn Pro His Ile Ala Pro Leu Leu Arg Leu Lys Asp Leu Val
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Arg Ala Tyr Gly Gly Arg Phe Ala Ala Lys Leu Ala His Leu Val Glu
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Met Glu Val Lys His Arg Cys Asn Gln Val Leu Glu Leu Gly Phe Pro
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Leu Gly Gly Leu Ala Lys Leu Phe Ala Gln Glu Trp Glu Gly Asp Val
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Thr Val Val Met Pro Ala Thr Leu Ala Gln Tyr Ser Lys Ile Ile Gln
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Asn Pro Thr His Val Glu Leu Gln Lys Ala Ala Asn Gln Gly Arg Arg
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Cys Thr Trp Glu Lys Leu Ser Ala Ile Lys Ser Asn Cys Gly Ile Glu
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Leu Ala Leu Asp Asp Ser Val Ala Ile Leu Asn His Met Arg Arg Leu
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Lys Lys Ser Ala Glu Arg Ala Ala Thr Ala Thr Ser Ser Ser His His
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Gly Leu Ala Ser Thr Thr Arg Phe Asn Ala Ser Arg Arg Ile Pro Ser
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Trp Asn Val Leu Ala Arg Glu Asn Ser Thr Gly Ser Leu Asp Asp Leu
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2577229PCTSequenceListing.txt

Val Thr Asp Asn Asn Leu His Ala Ser Ser Gly Arg Asn Leu Ser Asp
625 630 635 640

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660 665 670

Ser Leu Asp Ile Asp Ile Ala Leu Val Arg Gly Phe Ser Ser Ser Pro
675 680 685

Asn Ser Pro Ala Val Pro Pro Gly Gly Ser Phe Thr Pro Ser Pro Arg
690 695 700

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725 730 735

Gln Pro Glu Arg Thr Ser Asn Gly Phe Val Leu Asn Val Val Lys Arg
740 745 750

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Glu Ser Val Gln Leu Asp Ile Pro Glu Lys Glu Met Asp Cys Ser Ser
770 775 780

Val Ser Glu His Glu Glu Asp Asp Asn Asp Asn Glu Glu Glu His Asn
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2577229PCTSequenceListing.txt

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2577229PCTSequenceListing.txt

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2577229PCTSequenceListing.txt

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2577229PCTSequenceListing.txt

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