

eolf-seql.txt
SEQUENCE LISTING

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<110> CropDesign N.V.
<120> Plants having enhanced yield-related traits and a method for
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<130> PF60013
<150> EP 07112907.6
<151> 2007-07-20

<150> US 60/987,424
<151> 2007-11-13

<160> 7

<170> PatentIn version 3.3

<210> 1
<211> 1853
<212> DNA
<213> Saccharum officinarum

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gaggagctga acgagaacgt caagaagggt cggtacgcgg tgcgcgggga gctgtacctc      180
cgcgcttccg agtccagaa ggagggcaag aagatcatct tcaccaacgt cggcaaccgc      240
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ccgttcctcc tcgatgatcc ccacgtcggc ctcatgttcc cgtcggatgc catcgctagg      360
gccaagcact atctcgccat gacgccgggc ggtctagggt cgtacagtga ttcccgtggt      420
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atcacagttc gagcaatggt gattataaat ccaggaaatc cactggcca atgcattagt      780
gaagcgaata taaaggaagt tctgcaattt tgctaccatg aaaacttagt tctgcttgca      840
gatgaagtgt atcagcagaa ctttttcaa gatgagcgcc cttttataag cgcaagaaag      900
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gttcctgggc aaatttttat gggagtaatg attaaccctc ctaaacctgg agatgtctca     1140
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atgatgacag atggtttcaa cagttgccga aatgtcgtgt gcaatttcac agaaggagct     1260
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eof-seq1.txt

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<210> 2
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<212> PRT
<213> Saccharum officinarum

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<400> 2

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35 40 45

His Ala Leu Gly Gln Lys Pro Leu Thr Phe Gly Arg Gln Val Val Ala
50 55 60

Leu Cys Gln Ala Pro Phe Leu Leu Asp Asp Pro His Val Gly Leu Met
65 70 75 80

Phe Pro Ser Asp Ala Ile Ala Arg Ala Lys His Tyr Leu Ala Met Thr
85 90 95

Pro Gly Gly Leu Gly Ala Tyr Ser Asp Ser Arg Gly Ile Pro Gly Ile
100 105 110

Arg Lys Glu Val Ala Asp Phe Ile Tyr Lys Arg Asp Gly Tyr Pro Thr
115 120 125

Asp Pro Glu Leu Ile Tyr Leu Thr Asp Gly Ala Ser Lys Gly Val Met
130 135 140

Gln Ile Leu Asn Thr Ile Ile Arg Asn Glu Arg Asp Gly Ile Leu Val
145 150 155 160

Pro Val Pro Gln Tyr Pro Leu Tyr Ser Ala Ser Ile Ser Leu Tyr Gly
165 170 175

eof-seq1.txt

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180 185 190

Asp Phe Val Asn Ile Arg Gln Thr Val Ala Glu Ala Arg Ser Lys Gly
195 200 205

Ile Thr Val Arg Ala Met Val Ile Ile Asn Pro Gly Asn Pro Thr Gly
210 215 220

Gln Cys Ile Ser Glu Ala Asn Ile Lys Glu Val Leu Gln Phe Cys Tyr
225 230 235 240

His Glu Asn Leu Val Leu Leu Ala Asp Glu Val Tyr Gln Gln Asn Ile
245 250 255

Phe Gln Asp Glu Arg Pro Phe Ile Ser Ala Arg Lys Val Met Phe Asp
260 265 270

Met Gly Pro Pro Leu Ser Arg Glu Leu Gln Leu Val Ser Phe His Thr
275 280 285

Val Ser Lys Gly Asn Trp Gly Glu Cys Gly Gln Arg Gly Gly Tyr Phe
290 295 300

Glu Met Thr Asn Leu Pro Pro Lys Thr Val Asp Glu Ile Tyr Lys Val
305 310 315 320

Ala Ser Ile Ser Leu Ser Pro Asn Val Pro Gly Gln Ile Phe Met Gly
325 330 335

Val Met Ile Asn Pro Pro Lys Pro Gly Asp Val Ser Tyr Pro Lys Phe
340 345 350

Thr Ala Glu Ser Lys Tyr Val His Glu Ser Leu Arg Arg Arg Ala Arg
355 360 365

Met Met Thr Asp Gly Phe Asn Ser Cys Arg Asn Val Val Cys Asn Phe
370 375 380

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385 390 395 400

Ala Ile Glu Ala Ala Lys Arg Ala Gly Lys Ala Pro Asp Val Phe Tyr
405 410 415

Cys Leu Lys Leu Leu Glu Ala Thr Gly Ile Ser Thr Val Pro Gly Ser
420 425 430

Gly Phe Gly Gln Lys Glu Gly Val Phe His Leu Arg Thr Thr Ile Leu
435 440 445

eolf-seq1.txt

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 <212> DNA
 <213> Oryza sativa

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 <212> DNA
 <213> Artificial Sequence

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eof-seq1.txt

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 <211> 50
 <212> DNA
 <213> Artificial Sequence

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 <223> primer: prm005848

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 <212> DNA
 <213> Brassica napus

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<210> 7
<211> 478
<212> PRT
<213> Brassica napus

<400> 7

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35 40 45

Gly Gln Lys Pro Leu Thr Phe Pro Arg Gln Val Val Ala Leu Cys Gln
50 55 60

Ala Pro Phe Leu Leu Asp Asp Pro Asn Val Gly Met Ile Phe Pro Ala
65 70 75 80

Asp Ala Ile Ala Arg Ala Lys His Tyr Leu Ser Leu Thr Ser Gly Gly
85 90 95

Phe Gly Ala Tyr Ser Asp Ser Arg Gly Leu Pro Gly Val Arg Lys Glu
100 105 110

Val Ala Glu Phe Ile Gln Arg Arg Asp Gly Tyr Pro Ser Asp Pro Glu
115 120 125

Leu Ile Phe Leu Thr Asp Gly Ala Ser Lys Gly Val Met Gln Ile Leu
130 135 140

Asn Cys Ile Ile Arg Asn Gln Lys Asp Gly Ile Leu Val Pro Val Pro
145 150 155 160

Gln Tyr Pro Leu Tyr Ser Ala Thr Ile Ser Leu Leu Gly Gly Thr Leu
165 170 175

Val Pro Tyr Tyr Leu Glu Glu Thr Asp Asn Trp Gly Leu Asp Val Asn
180 185 190

Asn Leu Arg Gln Ser Val Ala Gln Ala Arg Ser Gln Gly Ile Thr Val
195 200 205

eof-seq1.txt

Arg Ala Met Val Ile Ile Asn Pro Gly Asn Pro Thr Gly Gln Cys Leu
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Ser Glu Ala Asn Leu Arg Glu Ile Leu Lys Phe Cys Cys Asp Glu Arg
225 230 235 240

Leu Val Leu Leu Gly Asp Glu Val Tyr Gln Gln Asn Ile Tyr Gln Asp
245 250 255

Glu Arg Pro Phe Ile Ser Ser Lys Lys Val Leu Met Asp Met Gly Ala
260 265 270

Pro Ser Ser Lys Glu Val Gln Leu Ile Ser Phe His Thr Val Ser Lys
275 280 285

Gly Tyr Trp Gly Glu Cys Gly Gln Arg Gly Gly Tyr Phe Glu Met Thr
290 295 300

Asn Ile Pro Pro Arg Thr Val Glu Glu Ile Tyr Lys Val Ala Ser Ile
305 310 315 320

Ala Leu Ser Pro Asn Val Ser Ala Gln Ile Phe Met Gly Leu Met Val
325 330 335

Ser Pro Pro Lys Pro Gly Asp Ile Ser Tyr Asp Gln Phe Val Arg Glu
340 345 350

Ser Lys Gly Ile Leu Glu Ser Leu Arg Arg Arg Ala Arg Ile Met Thr
355 360 365

Asp Gly Phe Asn Ser Cys Lys Asn Val Val Cys Asn Phe Thr Glu Gly
370 375 380

Ala Met Tyr Ser Phe Pro Gln Ile Lys Leu Pro Pro Lys Ala Ile Gln
385 390 395 400

Ala Ala Lys Gln Ala Gly Lys Val Ser Asp Val Phe Tyr Cys Leu Lys
405 410 415

Leu Leu Glu Ala Thr Gly Ile Ser Thr Val Pro Gly Ser Gly Phe Gly
420 425 430

Gln Lys Gly Gly Val Phe His Leu Arg Thr Thr Ile Leu Pro Ala Glu
435 440 445

Glu Glu Met Pro Glu Ile Met Glu Ser Phe Lys Lys Phe Asn Asp Glu
450 455 460

Phe Met Ser Gln Tyr Gly Asp Asn Phe Gly Tyr Ser Arg Met
465 470 475