

LISTADO DE SECUENCIAS

<110> IDEN BIOTECHNOLOGY, S.L.

<120> PROCEDIMIENTO PARA LA PRODUCCIÓN DE PLANTAS TRANSGÉNICAS QUE PRESENTAN ALTO CONTENIDO Y RENDIMIENTO EN ALMIDÓN Y BIOMASA

<130> PCT-03448

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<170> PatentIn version 3.3

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 35 40 45

Arg Gly Phe Asp Ser Ser Lys Arg Gln Glu Val Lys Lys Gly Ser Pro
 50 55 60

Lys Pro Ile Leu Ser Ile Asn Ser Gly Leu Gln Ser Asn Asn Asp Glu
 65 70 75 80

Glu Ser Asp Leu Glu Asn Gly Ser Ala Asp Ser Val Pro Ser Leu Lys
 85 90 95

Ser Asp Ala Glu Lys Gly Ser Ser Ile His Gly Ser Ile Asp Met Asn
 100 105 110

His Ala Asp Glu Asn Leu Glu Lys Lys Asp Asp Ile Gln Thr Thr Glu
 115 120 125

Val Thr Arg Arg Lys Ser Lys Thr Ala Lys Lys Lys Gly Glu Ser Ile
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His Ala Thr Ile Asp Ile Gly His Asp Asp Gly Lys Asn Leu Asp Asn
 145 150 155 160

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

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

Ile Lys Thr Ala Ala Gln Glu Lys Ala His Val Glu Leu Leu Glu Glu
 245 250 255

Gln Leu Glu Lys Leu Arg His Glu Met Ile Ser Pro Ile Glu Ser Asp
 260 265 270

Gly Tyr Val Leu Ala Leu Ser Lys Glu Leu Glu Thr Leu Lys Leu Glu
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Asn Leu Ser Leu Arg Asn Asp Ile Glu Met Leu Lys Ser Glu Leu Asp
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Ser Val Lys Asp Thr Gly Glu Arg Val Val Val Leu Glu Lys Glu Cys
 305 310 315 320

Ser Gly Leu Glu Ser Ser Val Lys Asp Leu Glu Ser Lys Leu Ser Val
325 330 335

Ser Gln Glu Asp Val Ser Gln Leu Ser Thr Leu Lys Ile Glu Cys Thr
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Asp Leu Trp Ala Lys Val Glu Thr Leu Gln Leu Leu Leu Asp Arg Ala
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Thr Lys Gln Ala Glu Gln Ala Val Ile Val Leu Gln Gln Asn Gln Asp
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Leu Arg Asn Lys Val Asp Lys Ile Glu Glu Ser Leu Lys Glu Ala Asn
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Val Tyr Lys Glu Ser Ser Glu Lys Ile Gln Gln Tyr Asn Glu Leu Met
405 410 415

Gln His Lys Val Thr Leu Leu Glu Glu Arg Leu Glu Lys Ser Asp Ala
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Glu Ile Phe Ser Tyr Val Gln Leu Tyr Gln Glu Ser Ile Lys Glu Phe
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Gln Glu Thr Leu Glu Ser Leu Lys Glu Glu Ser Lys Lys Lys Ser Arg
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Asp Glu Pro Val Asp Asp Met Pro Trp Asp Tyr Trp Ser Arg Leu Leu
465 470 475 480

Leu Thr Val Asp Gly Trp Leu Leu Glu Lys Lys Ile Ala Ser Asn Asp
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Ala Asp Leu Leu Arg Asp Met Val Trp Lys Lys Asp Arg Arg Ile His
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Asp Thr Tyr Ile Asp Val Lys Asp Lys Asn Glu Arg Asp Ala Ile Ser
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Ala Phe Leu Lys Leu Val Ser Ser Pro Thr Ser Ser Gly Leu Tyr Val
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Val His Ile Ala Ala Glu Met Ala Pro Val Ala Lys Val Gly Gly Leu
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Gly Asp Val Val Ala Gly Leu Gly Lys Ala Leu Gln Arg Lys Gly His
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Leu Val Glu Ile Ile Leu Pro Lys Tyr Asp Cys Met Gln Tyr Asp Arg
580 585 590

Val Arg Asp Leu Arg Ala Leu Asp Thr Val Val Glu Ser Tyr Phe Asp
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Gly Lys Leu Tyr Lys Asn Lys Ile Trp Ile Gly Thr Val Glu Gly Leu
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Pro Val His Phe Ile Glu Pro Gln His Pro Ser Lys Phe Phe Trp Arg
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Gly Gln Phe Tyr Gly Glu Gln Asp Asp Phe Arg Arg Phe Ser Tyr Phe
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Trp Asp Leu Tyr Ala Pro Lys Gly Leu Asp Ser Ala Arg Ile Cys Phe
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Thr Cys His Asn Phe Glu Tyr Gln Gly Thr Ala Ser Ala Ser Glu Leu
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Gly Ser Cys Gly Leu Asp Val Asn Gln Leu Asn Arg Pro Asp Arg Met
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Gln Asp His Ser Ser Gly Asp Arg Val Asn Pro Val Lys Gly Ala Ile
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Ile Phe Ser Asn Ile Val Thr Thr Val Ser Pro Thr Tyr Ala Gln Glu
755 760 765

Val Arg Thr Ala Glu Gly Gly Lys Gly Leu His Ser Thr Leu Asn Phe
770 775 780

His Ser Lys Lys Phe Ile Gly Ile Leu Asn Gly Ile Asp Thr Asp Ser
785 790 795 800

Trp Asn Pro Ala Thr Asp Pro Phe Leu Lys Ala Gln Phe Asn Ala Lys
805 810 815

Asp Leu Gln Gly Lys Glu Glu Asn Lys His Ala Leu Arg Lys Gln Leu
820 825 830

Gly Leu Ser Ser Ala Glu Ser Arg Arg Pro Leu Val Gly Cys Ile Thr
835 840 845

Arg Leu Val Pro Gln Lys Gly Val His Leu Ile Arg His Ala Ile Tyr
850 855 860

Arg Thr Leu Glu Leu Gly Gly Gln Phe Val Leu Leu Gly Ser Ser Pro
865 870 875 880

Val Pro His Ile Gln Arg Glu Phe Glu Gly Ile Glu Gln Gln Phe Lys
885 890 895

Ser His Asp His Val Arg Leu Leu Leu Lys Tyr Asp Glu Ala Leu Ser
900 905 910

His Thr Ile Tyr Ala Ala Ser Asp Leu Phe Ile Ile Pro Ser Ile Phe
915 920 925

Glu Pro Cys Gly Leu Thr Gln Met Ile Ala Met Arg Tyr Gly Ser Ile
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Pro Ile Ala Arg Lys Thr Gly Gly Leu Asn Asp Ser Val Phe Asp Ile
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Asp Asp Asp Thr Ile Pro Thr Gln Phe Gln Asn Gly Phe Thr Phe Gln
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