

SEQUENCE LISTING

<110> National Agriculture and Food Research Organization, Suntory Holdings Limited

<120> Método para la producción de una planta de crisantemo con un color de flor azulado

<130> P160350WO

<150> JP2015-133069

<151> 2015-07-01

<160> 38

<170> Patente en versión 3.5

<210> 1

<211> 1594

<212> ADN

<213> Clitoria ternatea

<220>

<221> CDS

<222> (7) .. (1347)

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<212> PRT

<213> Clitoria tematea

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Pro Asn Thr Ser Phe Ser Phe Ile Gly Thr His Thr Ser Asn Ala Phe
35 40 45

Leu Phe Thr Lys Arg His Val Pro Asp Asn Ile Arg Val Phe **Thr** Ile
50 55 60

Ser Asp Gly Ile Pro Glu Gly Tyr Val Pro Gly Asn Asn Pro Ile Val
65 70 75 80

Lys Asp Met Arg Ser Lys Leu Gln Ser Leu Leu Phe Val Asp Pro Leu
225 230 235 240

Pro Cys Pro Gln Leu Leu Leu Pro Glu Thr Asp Ser Asn Gly Cys Met
245 250 255

Ser Trp Leu Asp Ser Lys Ser Ser Arg Ser Val Ala Tyr Val Cys Phe
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Gly Thr Ala Val Ser Leu Pro Pro Gln Glu Val Val Glu Val Ala Glu
275 280 285

Ala Leu Glu Glu Ser Gly Phe Pro Phe Leu Leu Ala Leu Ser Glu Ser
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Leu Ile Gly Val Leu Pro Lys Gly Leu Val Glu Arg Thr Met Thr Arg
305 310 315 320

Gly Lys Val Val Ser Trp Ala Pro Gln Ser Leu Val Leu Ser His Gly
325 330 335

Ser Val Gly Val Phe Val Thr His Cys Gly Ala Asn Ser Val Thr Glu
340 345 350

Ser Ile Ser Asn Gly Val Pro Met Ile Cys Arg Pro Phe Phe Gly Asp
355 360 365

Gln Gly Ile Ala Ala Arg Val Ile Gln Asp Ile Trp Glu Ile Gly Val
 370 375 380

Ile Leu Glu Gly Arg Ile Phe Thr Lys Asn Gly Phe Val Lys Asn Leu
 385 390 395 400

Asn Leu Ile Leu Val Gln Glu Glu Gly Lys Lys Ile Arg Asp Asn Ala
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<213> Campanula medium

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<222> (12) .. (1577)

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20	25	30
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Ser His His His His His Leu Pro Pro Gly Pro Thr Gly Trp Pro Ile

35	40	45
----	----	----

Ile Gly Ser Leu Pro Leu Leu Gly Thr Met Pro His Val Ser Leu Ala

50	55	60
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Asp Met Ala Val Lys Tyr Gly Pro Ile Met Tyr Leu Lys Leu Gly Ser
65 70 75 80

Lys Gly Thr Val Val Ala Ser Asn Pro Lys Ala Ala Arg Ala Phe Leu
85 90 95

Lys Ser His Asp Ala Asn Phe Ser Asn Arg Pro Ile Asp Gly Gly Pro
100 105 110

Thr Tyr Leu Ala Tyr Asn Ala Gln Asp Met Val Phe Ala Glu Tyr Gly
115 120 125

Pro Lys Trp Lys Leu Leu Arg Lys Leu Cys Ser Leu His Met Leu Gly
130 135 140

Pro Lys Ala Leu Glu Asp Trp Ala His Val Arg Val Ser Glu Val Gly
145 150 155 160

His Met Leu Lys Glu Met Tyr Glu Gln Ser Ser Lys Ser Val Pro Val
165 170 175

Val Val Pro Glu Met Leu Thr Tyr Ala Met Ala Asn Met Ile Gly Arg
180 185 190

Ile Ile Leu Ser Arg Arg Pro Phe Val Ile Thr Ser Lys Leu Asp Ser
195 200 205

Ser Ala Ser Ala Ala Ser Val Ser Glu Phe Gln Tyr Met Val Met Glu

210

215

220

Leu Met Arg Met Ala Gly Leu Phe Asn Ile Gly Asp Phe Ile Pro Tyr

225

230

235

240

Ile Ala Trp Met Asp Leu Gln Gly Ile Gln Arg Asp Met Lys Val Ile

245

250

255

Gln Gln Lys Phe Asp Val Leu Leu Asn Lys Met Ile Lys Glu His Thr

260

265

270

Glu Ser Ala His Asp Arg Lys Asp Asn Pro Asp Phe Leu Asp Ile Leu

275

280

285

Met Ala Ala Thr Gln Glu Asn Thr Glu Gly Ile Gln Leu Asn Leu Val

290

295

300

Asn Val Lys Ala Leu Leu Leu Asp Leu Phe Thr Ala Gly Thr Asp Thr

305

310

315

320

Ser Ser Ser Val Ile Glu Trp Ala Leu Ala Glu Met Leu Asn Asn Arg

325

330

335

Gln Ile Leu Asn Arg Ala His Glu Glu Met Asp Gln Val Ile Gly Arg

340

345

350

Asn Arg Arg Leu Glu Gln Ser Asp Ile Pro Asn Leu Pro Tyr Phe Gln
355 360 365

Ala Ile Cys Lys Glu Thr Phe Arg Lys His Pro Ser Thr Pro Leu Asn
370 375 380

Leu Pro Arg Ile Ser Thr Glu Glu Cys Glu Val Glu Gly Phe Arg Ile
385 390 395 400

Pro Lys Asn Thr Arg Leu Ile Val Asn Ile Trp Ala Ile Gly Arg Asp
405 410 415

Pro Lys Val Trp Glu Asn Pro Leu Asp Phe Thr Pro Glu Arg Phe Leu
420 425 430

Ser Glu Lys His Ala Lys Ile Asp Pro Arg Gly Asn His Phe Glu Leu
435 440 445

Ile Pro Phe Gly Ala Gly Arg Arg Ile Cys Ala Gly Ala Arg Met Gly
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Ala Ala Ser Val Glu Tyr Ile Leu Gly Thr Leu Val His Ser Phe Asp
465 470 475 480

Trp Lys Leu Pro Asp Gly Val Val Glu Val Asn Met Glu Glu Ser Phe
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Arg Leu Pro Pro Ser Ala Tyr Thr Val
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44

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61

<210> 10

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<211> 61

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<211> 30

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<210> 14
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<210> 16
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NcoI

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full

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