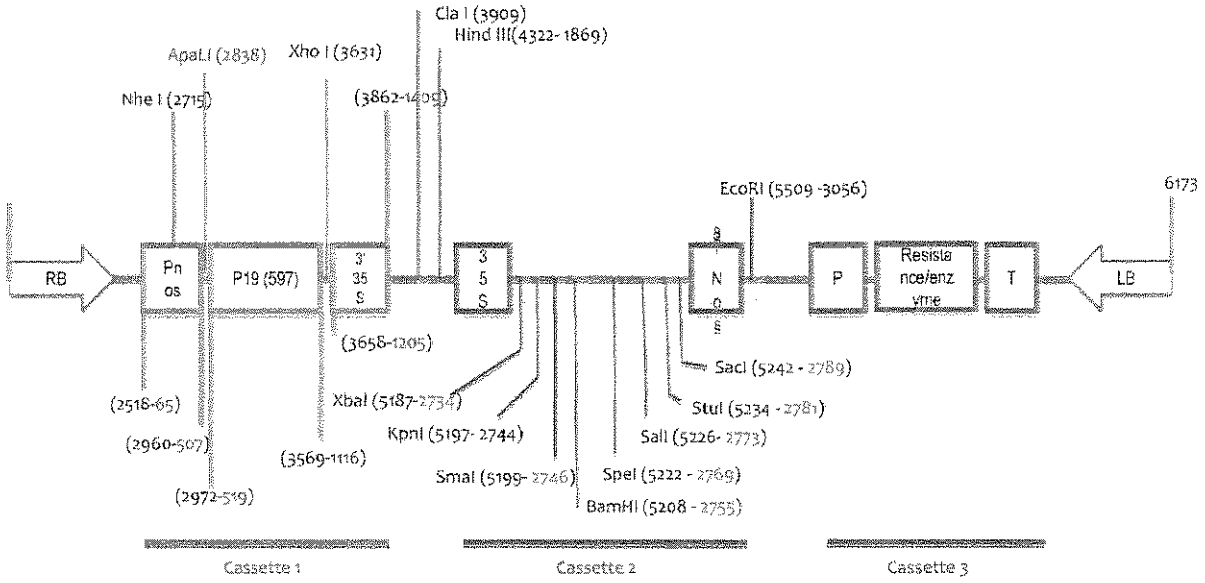
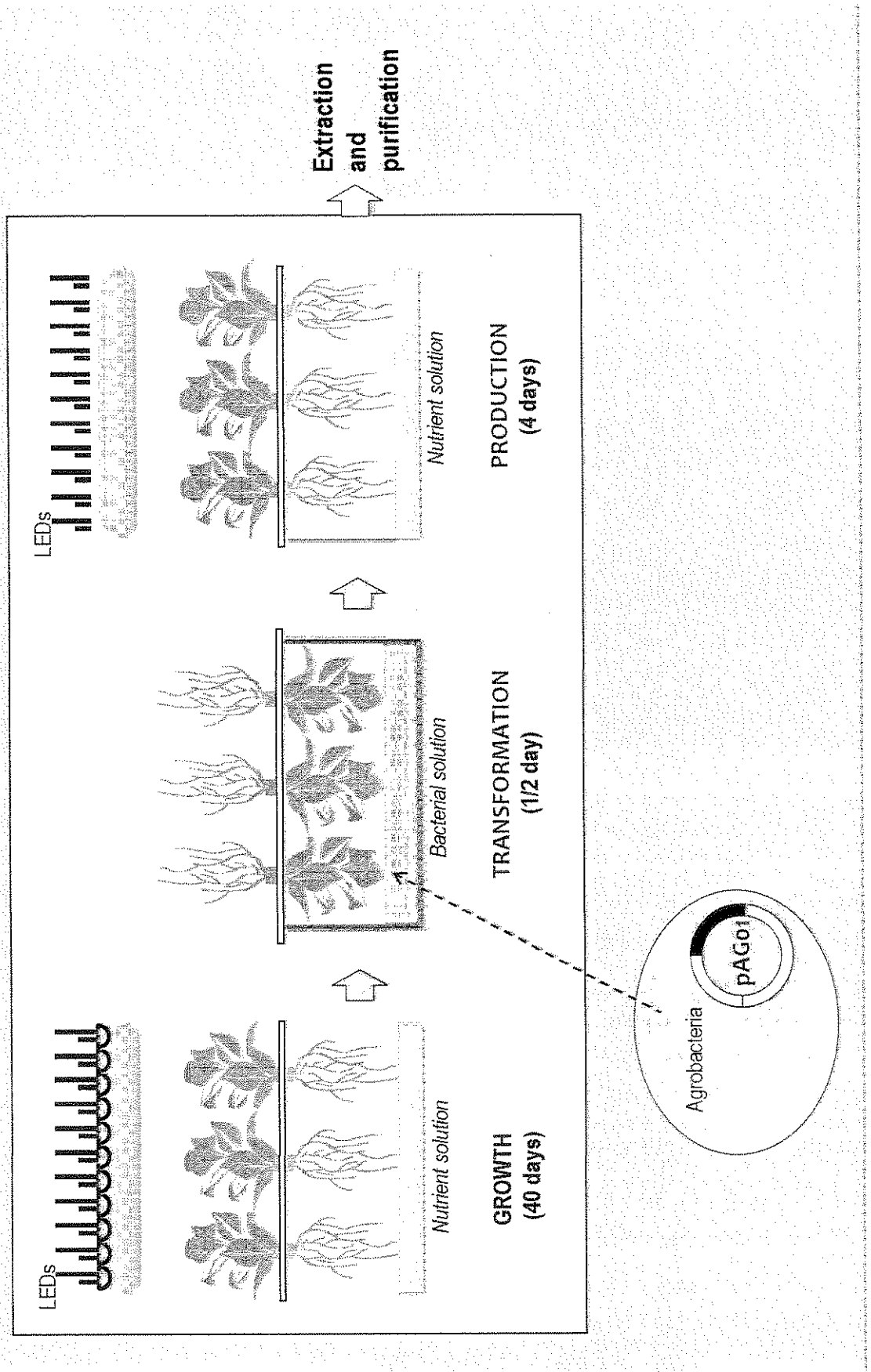

Cla I (3909)
Hind III(4322- 1869)
ApaLI (2838)
Xho I (3631)
Nhe I (2715)
(3862-1409)
EcoRI (5509 -3056)
6173
RB
Pn os
P19 (597)
3' 35 S
3 5 S
N o S
P
Resista nce/enz yme
T
LB
(3658-1205)
SacI (5242 - 2789)
(2518-65)
XbaI (5187-2734)
StuI (5234 - 2781)
KpnI (5197- 2744)
(2960-507)
SalI (5226- 2773)
(3569-1116)
SmaI (5199- 2746)
SpeI (5222 - 2769)
(2972-519)
BamHI (5208 - 2755)
Cassette 1
Cassette 2
Cassette 3

Figure 1

Figure 2


LEDs
Nutrient solution
GROWTH
(40 days)
Bacterial solution
TRANSFORMATION
(1/2 day)
Nutrient solution
PRODUCTION
(4 days)
Extraction
and
purification
Agrobacteria
pAGo1

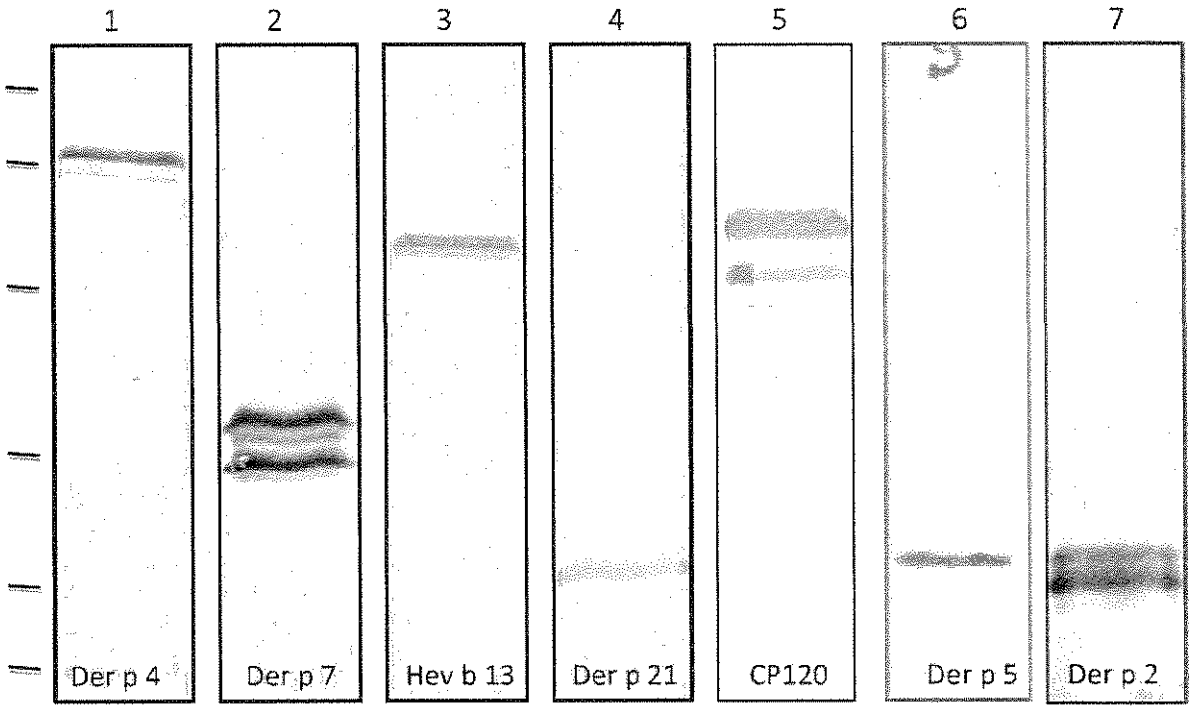



Figure 3

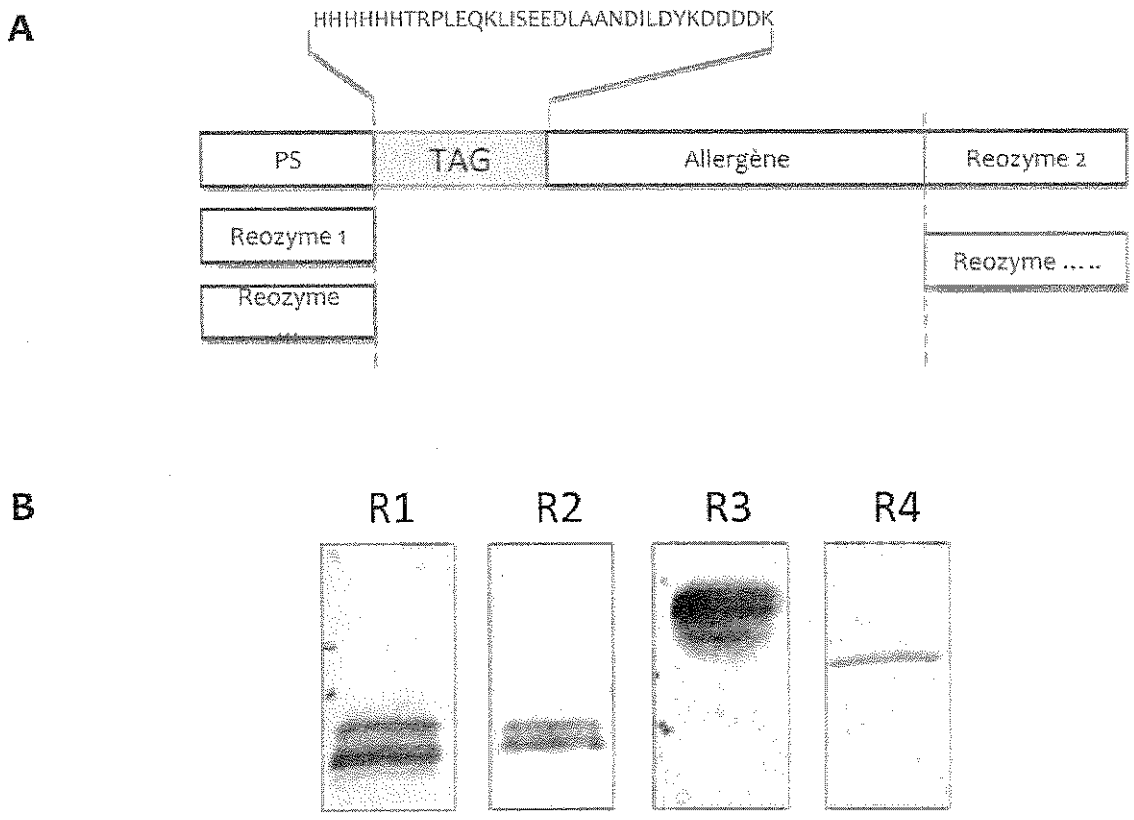

A
HHHHHHTRPLEQKLISEEDLAANDILDYKDDDDK
PS
TAG
Allergène
Reozyme 2
Reozyme 1
Reozyme
Reozyme .....
B
R1
R2
R3
R4

Figure 4

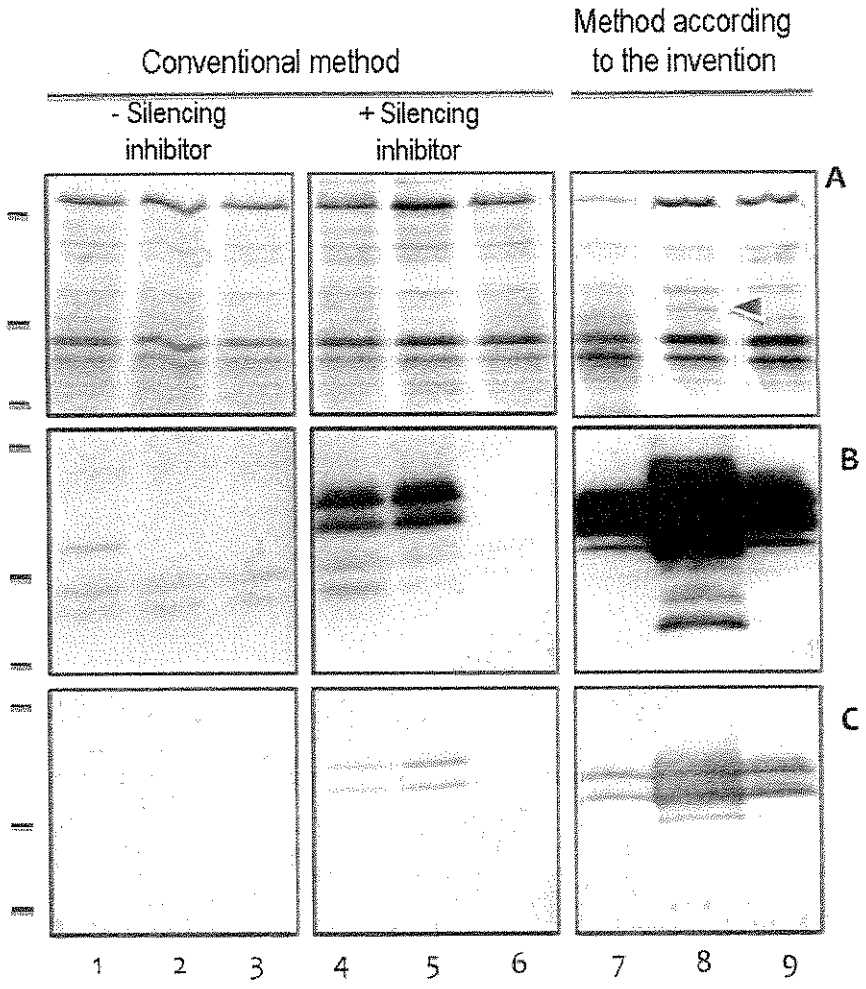

Conventional method
Method according to the invention
- Silencing inhibitor
+ Silencing inhibitor
A
B
C
1
2
3
4
5
6
7
8
9

Figure 5

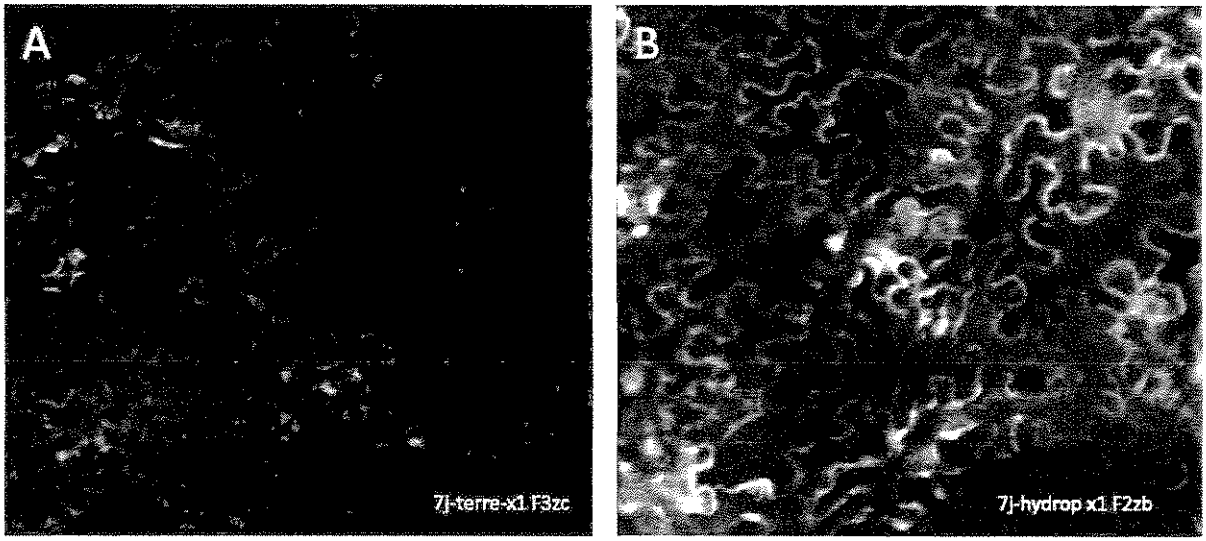



Figure 6

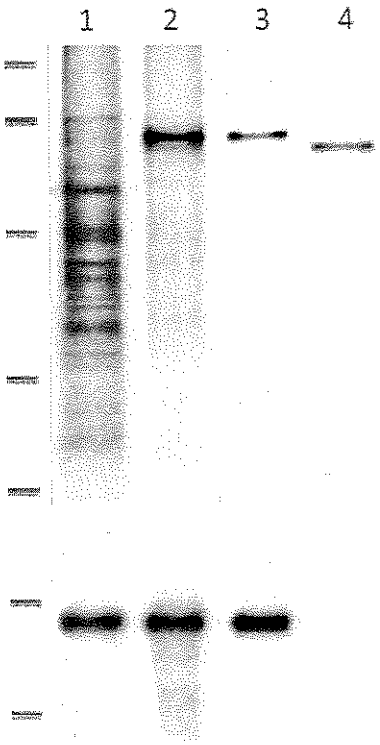



Figure 7

Figure 8

| Reozyme (SEQ ID NO:) | Sequence | LOCATION |
|---|---|---|
| 1 | MTGASRRSARGRI | ER |
| 2 | MARGERRRRA | ER |
| 3 | MNDRRPQRKRPA | ER |
| 4 | MTGASRRSAR GRIKSSSLSP GSDEGSAYPP SIRRGKGKEL VSIGAFKTNL KILVGLIILG IIVIYFVINR 5LVRHGLLFDE SQKPRVITPF PAPKVMDLSM FQGEHKESLY WGTYRPHVYF GVRARTPLSL V6AGLMWLGVK DEMYVMRHFC | ER |
| 5 | MARGSRSVGS SSSKWRYCNP SYYLKRPKRL ALLFIVFVCV SFVFWDRQT | ER+GA |
| 6 | MARGSRSVGS SSSKWRYCNP SYYLKRPKRL ALLFIVFVCV SFVFWDRQTL VREHQVEISE LQKEVTDLKN LVDDLNNKQG GTSGKTDLGR KATKSSKDV | ER+GA |
| 7 | MAAALALLFIVFVCVSFVFWDR | ER+GA |
| 8 | MGVFSNLRGP RAGATHDEFP ATNGSPSSSS SPSSSIKRKL SNLLPLCVAL VVIAEIGFLG RLDKVATS | ER+GA |
| 9 | MRGYKFCCDF RYLLILAAVA FIYIQMRLFA TQSEYADR | ER+GA |
| 10 | MGVFSNLRGP KIGLTHEELP VVANGSTSSS SSPSSFKRKV STFLPICVAL VVIIEIGFLC RLDNASTS | Medial Golgi |
| 11 | MLVMPQPPKP FNTITITIMI AFTFFLLFLT GFLQFPSISP S | *Trans Golgi* |
| 12 | MARGSRSVGS SSSKWRYCNP SYYLKRPKRL ALLFIVFVCV SFVFWCVSFV FWDRQTLVRE HQVEISELQK EVTDLKNLVD DLNNKQGGTS GKTDLGRKAT KSSKDV | *Trans* Golgi |
| 13 | XXXLALLFIVFVCVSFVFWDR | Cis Golgi |
| 14 | XXRYLLILAAVAFIYIQMRLFATQS | Cis Golgi |
| 15 | XXXLGILFAVTLSIVLMLVSVXXX | Cis-median Golgi |
| 16 | XXKIFLYMLLLNSLFLIIYFVFH | Median Golgi |
| 17 | XXXRKLSNLLPLCVALVVIAEIGFLG | Cis Golgi |
| 18 | XXXRKVSTFLPICVALVVIIEIGFLC | Median Golgi |
| 19 | XXFNTITITIMIAFTFFLLFLTGFLQFXX | Trans Golgi |
| 20 | XXKRLALLFIVFVCVSFVFWCVSFVFWDR | Trans Golgi |