

Quality controls of productions with APS-One/Mastercalve system

To validate Petri dishes prepared, the Mediaprep service has implemented a series of quality controls. The quality controls consist of:

- 1) Validating the appropriate selection conditions by taking randomly two plates per run and place them for overnight at 37°C (in the incubator located at the CEBGS), one closed and one opened.
- 2) Confirming the presence of the appropriate antibiotic by transforming BL21(DE3) cells with 4 plasmids, each one harboring a specific resistance gene and encoding a specific colored protein, and spread cells, as well as non-transformed cells, on a plate. The plasmids used are:
 - (A) pHGWA-avEYFP for ampicillin resistance and encoding yellow protein
 - (K) pHGWK-DsRed for kanamycin resistance and encoding red protein
 - (C) pCoGWC-avECFP for chloramphenicol resistance and encoding cyan protein
 - (S) pCoGWS-avGFP for spectinomycin resistance and encoding green protein
 - (∅) Non-transformed cells
- 3) Confirming appropriate selection by replicating the grown cells on plate added with IPTG (1mM) to induce protein expression to validate that the appropriate cells grew.

Control of expression for each transformed plasmid in BL21(DE3) after spreading on a plate containing the appropriate antibiotic.

pHGWA-EYFP



Ampicillin plate

pHGWK-DsRed



Kanamycin plate

pCoGWC-avECFP



Chloramphenicol plate

pCoGWS-avGFP



Spectinomycin plate



Med2012/109C

Date: 12 September 2012

LB-Agar (Lot LB-Agar/00021)

Demineralized water: 2 L

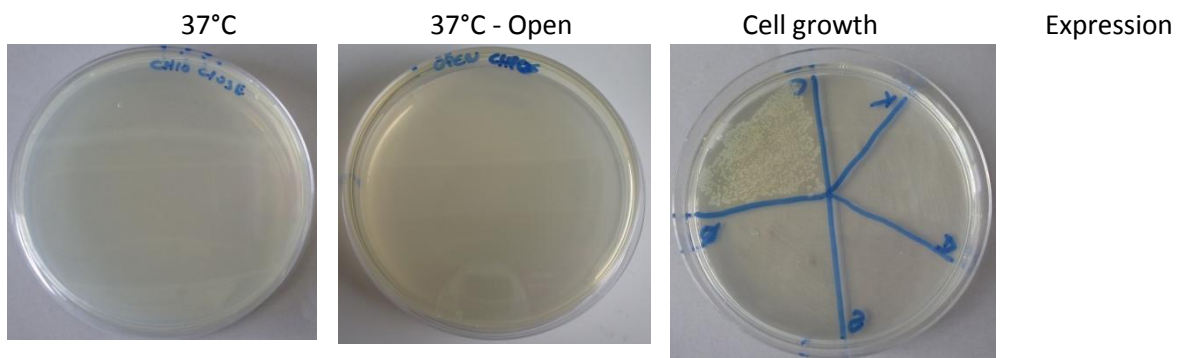
Antibiotic: Chloramphenicol (Chlor34/00004)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 102



Conclusion:

Production OK



Med2012/108A

Date: 11 September 2012

LB-Agar (Lot LB-Agar/00020)

Demineralized water: 2 L

Antibiotic: Ampicilin (Lot Amp100/00007)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 106

37°C

37°C - Open

Cell growth

Expression

Conclusion:

Order for Seraphin team, production OK



Med2012/107A

Date: 10 September 2012

LB-Agar (Lot LB-Agar/00020)

Demineralized water: 8 L

Antibiotic: Ampicilin (Lot Amp100/00007)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 427

37°C

37°C - Open

Cell growth

Expression

Conclusion:

Production OK



Med2012/106C

Date: 10 September 2012

LB-Agar (Lot LB-Agar/00020)

Demineralized water: 1 L

Antibiotic: Chloramphenicol (Chlor34/00004)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 40

37°C

37°C - Open

Cell growth

Expression

Conclusion:

Production OK



Med2012/103K

Date: 03 September 2012

LB-Agar (Lot LB-Agar/00020)

Demineralized water: 4 L

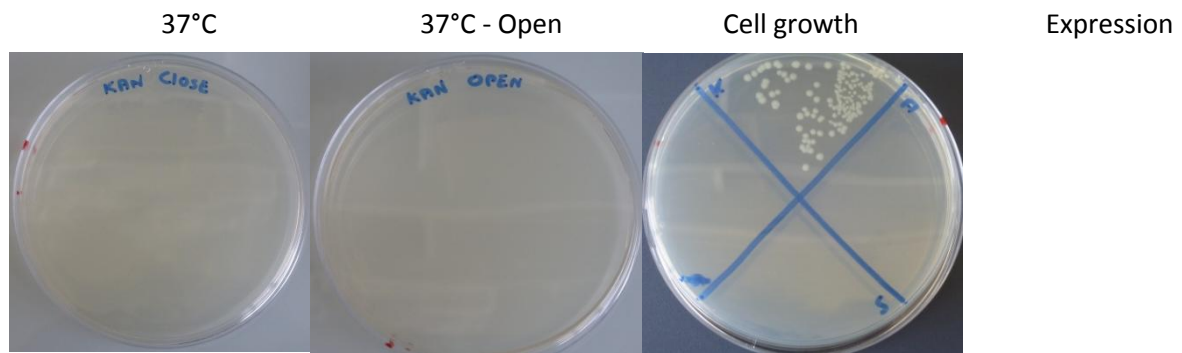
Antibiotic: Kanamycin (Lot Kana50/00002)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 217



Conclusion:

Production OK



Med2012/100A

Date: 28 August 2012

LB-Agar (Lot LB-Agar/00019)

Demineralized water: 8 L

Antibiotic: Ampicilin (Lot Amp100/00006 + Amp100/00007)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 434

37°C

37°C - Open

Cell growth

Expression

Conclusion:

Production OK



Med2012/095G

Date: 13 August 2012

LB-Agar (Lot LB-Agar/00019)

Demineralized water: 1 L

Antibiotic: Gentamycin (Genta30/00002) – Concentration: 15µg/mL

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 46

37°C

37°C - Open

Cell growth

Expression

N.A.

Conclusion:

Production OK



Med2012/095S

Date: 10 August 2012

LB-Agar (Lot LB-Agar/00019)

Demineralized water: 1 L

Antibiotic: Spectinomycin (Spec30/00001) – appropriate volume to have a final concentration of 50µg/ml

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 48

37°C

37°C - Open

Cell growth

Expression

Conclusion:

Production OK



Med2012/094K

Date: 08 August 2012

LB-Agar (Lot LB-Agar/00018 + LB-Agar/00019)

Demineralized water: 2 L

Antibiotic: Kanamycin (Lot Kana50/00002)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 100

37°C

37°C - Open

Cell growth

Expression

Conclusion:

Order for Seraphin team, production OK



Med2012/093A

Date: 8 August 2012

LB-Agar (Lot LB-Agar/00018)

Demineralized water: 8 L

Antibiotic: Ampicilin (Lot Amp100/00005 + Amp100/00006)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 423

37°C

37°C - Open

Cell growth

Expression

Conclusion:

Production OK



Med2012/091A

Date: 26 July 2012

LB-Agar (Lot LB-Agar/00017 + LB-Agar/00018)

Demineralized water: 8 L

Antibiotic: Ampicilin (Lot Amp100/00005)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 424

37°C

37°C - Open

Cell growth

Expression

Conclusion:

Problems during transformation but production OK

Date: 18 July 2012

LB-Agar (Lot LB-Agar/00016 + LB-Agar/00017)

Demineralized water: 8 L

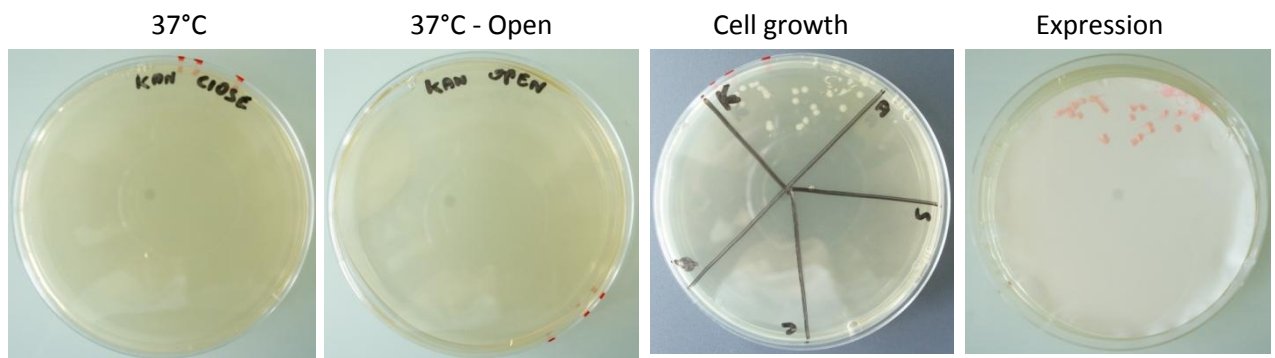
Antibiotic: Kanamycin (Lot Kana50/00002)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 425



Conclusion:

Production OK

Date: 17 July 2012

LB-Agar (Lot LB-Agar/00016)

Demineralized water: 8 L

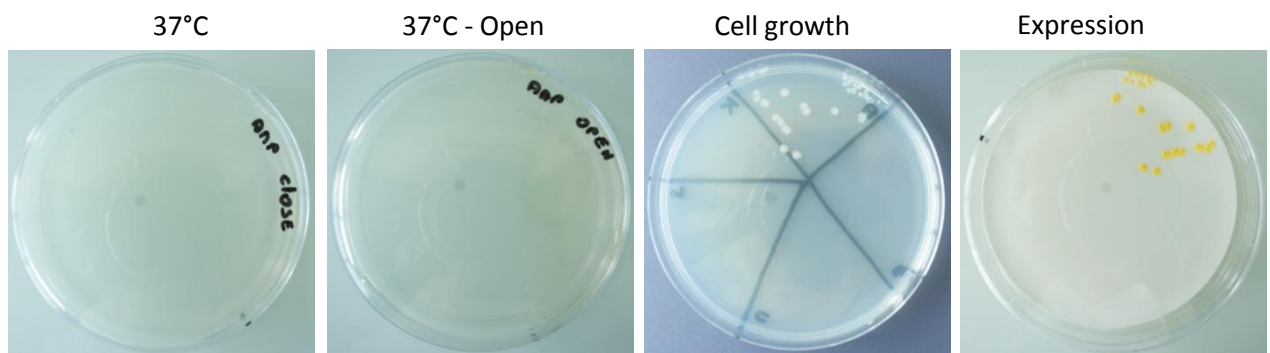
Antibiotic: Ampicilin (Lot Amp100/00004 + Amp100/00005)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 439



Conclusion:

Production OK

Date: 13 July 2012

LB-Agar (Lot LB-Agar/00016)

Demineralized water: 2 L

Antibiotic: Ampicilin (Ampi100/00004)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

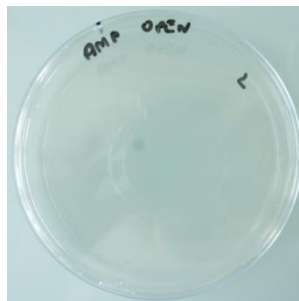
APS-One program: 18 ml of medium per plate

Number of plates: 100

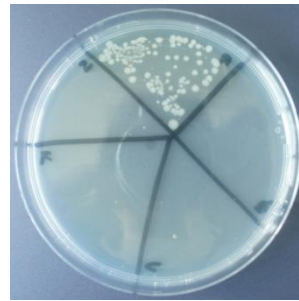
37°C



37°C - Open



Cell growth



Expression

Conclusion:

Production OK totally provided to Séraphin team



Med2012/085G

Date: 11 July 2012

LB-Agar (Lot LB-Agar/00016)

Demineralized water: 1 L

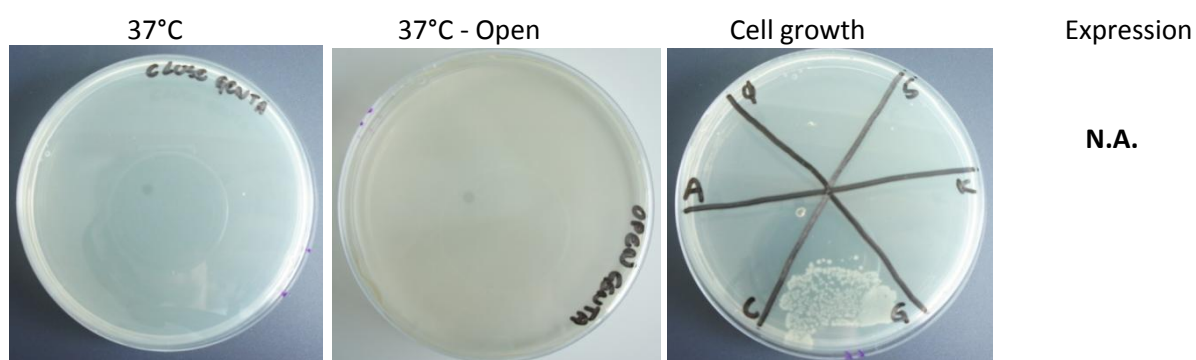
Antibiotic: Gentamycin (Genta30/00002)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 41



Conclusion:

Production OK



Med2012/083K

Date: 10 July 2012

LB-Agar (LB-Agar/00015 + LB-Agar/00016)

Demineralized water: 4 L

Antibiotic: Kanamycin (Kana50/00002)

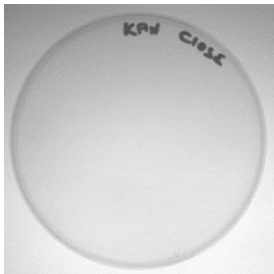
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

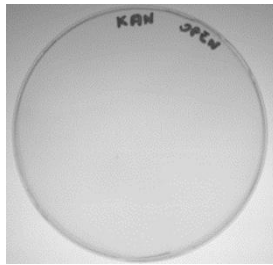
APS-One program: 18 ml of medium per plate

Number of plates: 217

37°C



37°C - Open



Cell growth

Expression



Conclusion:

Production OK



Med2012/081A

Date: 09 July 2012

LB-Agar (Lot LB-Agar/00015)

Demineralized water: 8 L

Antibiotic: Ampicilin (Ampi100/00004)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

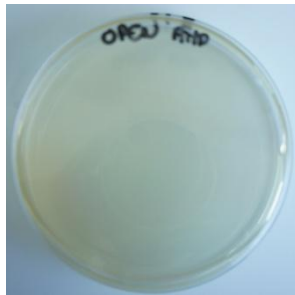
APS-One program: 18 ml of medium per plate

Number of plates: 439

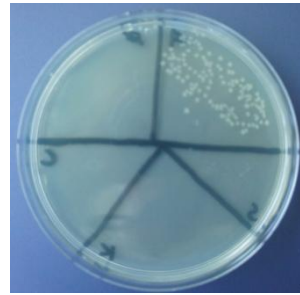
37°C



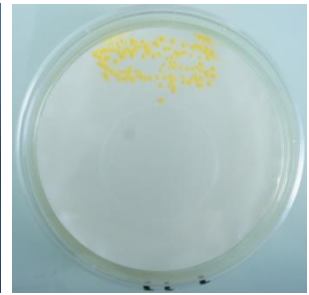
37°C - Open



Cell growth



Expression



Conclusion:

Production OK



Med2012/080C

Date: 02 July 2012

LB-Agar (Lot LB-Agar/00014+ LB-Agar/00015)

Demineralized water: 1 L

Antibiotic: Chloramphenicol (Chlor34/00002)

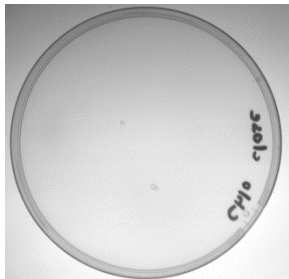
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 46

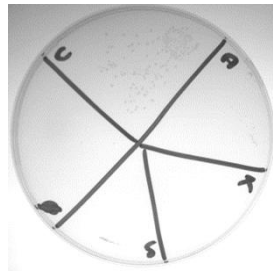
37°C



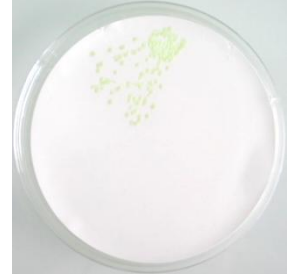
37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 28 June 2012

LB-Agar (LB-Agar/00014)

Demineralized water: 2 L

Antibiotic: Kanamycin (Kana50/00002)

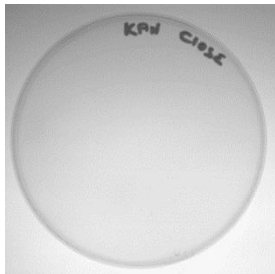
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

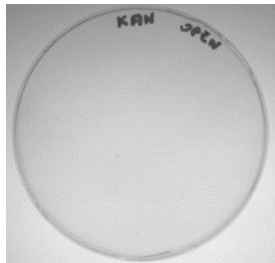
APS-One program: 18 ml of medium per plate

Number of plates: 102

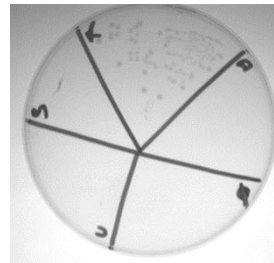
37°C



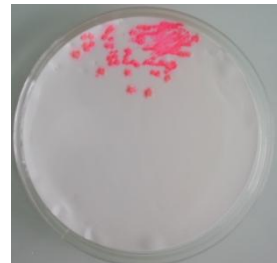
37°C - Open



Cell growth



Expression



Conclusion:

Production OK totally provided to Séraphin team

Date: 26 June 2012

LB-Agar (Lot LB-Agar/00014)

Demineralized water: 8 L

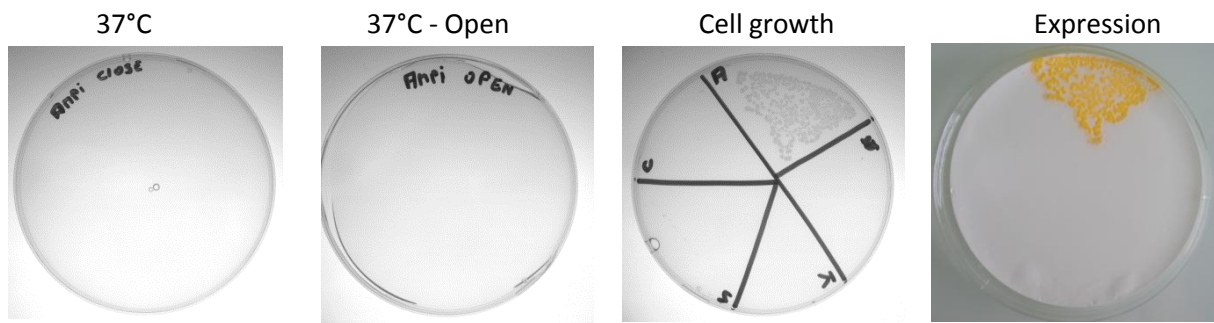
Antibiotic: Ampicillin (Ampi100/00004)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 435



Conclusion:

Production OK

Date: 18 June 2012

LB-Agar (LB-Agar/00013)

Demineralized water: 4 L

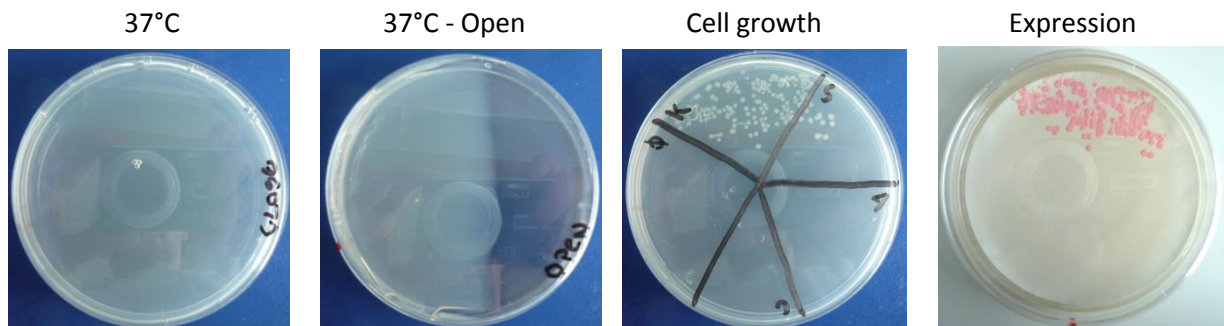
Antibiotic: Kanamycin (Kana50/00002)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 208



Conclusion:

Production OK. Colonies observed on the « S » sector come from a flow of the near sector during plate handling after spreading. This is confirmed by the red color that is characteristic of cells bearing a plasmid conferring resistance to kanamycin.



Med2012/072A

Date: 14 June 2012

LB-Agar (Lot LB-Agar/00013)

Demineralized water: 2 L

Antibiotic: Ampicillin (Ampi100/00004)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 103

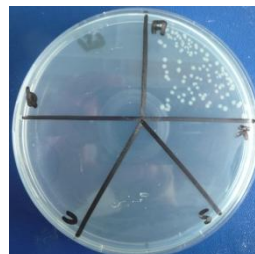
37°C



37°C - Open



Cell growth



Expression

Not performed

Conclusion:

Production OK totally provided to Séraphin team

Date: 13 June 2012

LB-Agar (Lot LB-Agar/00013)

Demineralized water: 8 L

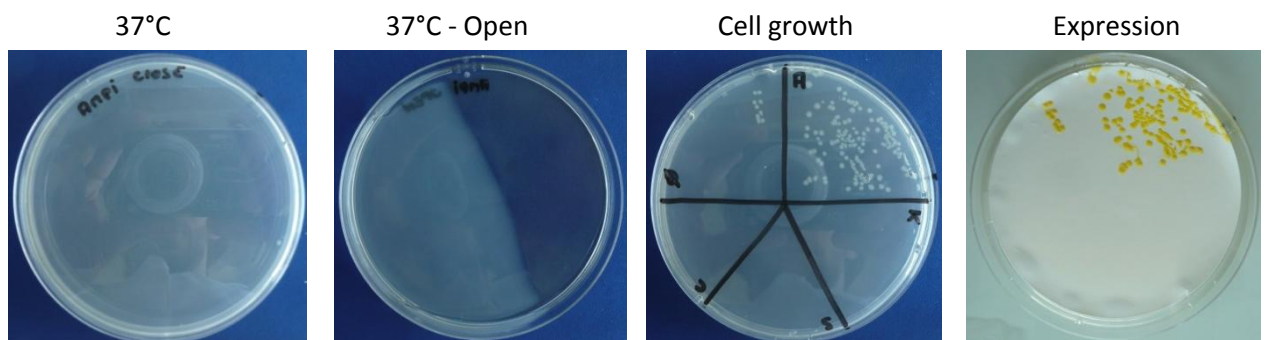
Antibiotic: Ampicillin (Ampi100/00004)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 439

**Conclusion:**

Production OK. Colonies observed on the « \emptyset » sector come from a flow of the near sector during plate handling after spreading. This is confirmed by the yellow color that is characteristic of cells bearing a plasmid conferring resistance to ampicillin.

Date: 04 June 2012

LB-Agar (Lot LB-Agar/00012)

Demineralized water: 8 L

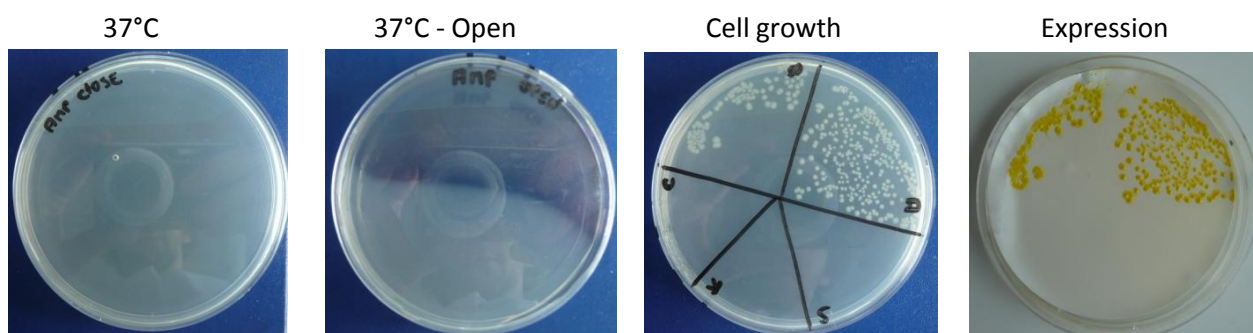
Antibiotic: Ampicillin (Ampi100/00003 + Ampi100/00004)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 430



Conclusion:

Production OK. Colonies observed on the « Ø » sector come from a flow of the near sector during plate handling after spreading. This is confirmed by the yellow color that is characteristic of cells bearing a plasmid conferring resistance to ampicillin.



Med2012/065K

Date: 30 May 2012

LB-Agar (LB-Agar/00012)

Demineralized water: 4 L

Antibiotic: Kanamycin (Kana50/00002)

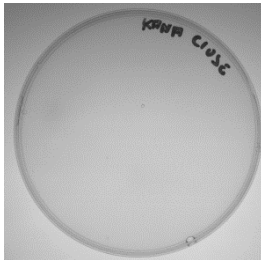
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 207

37°C



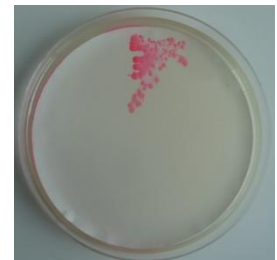
37°C - Open



Cell growth

Not performed

Expression



Conclusion:

Production OK



Med2012/063C

Date: 25 May 2012

LB-Agar (LB-Agar/00012)

Demineralized water: 1 L

Antibiotic: Chloramphenicol (Chlor34/00003)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 45

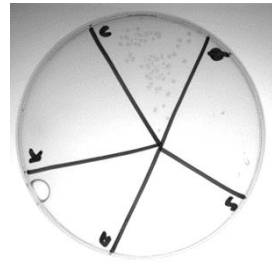
37°C



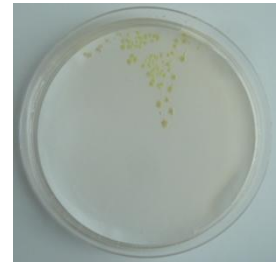
37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 23 May 2012

LB-Agar (Lot LB-Agar/00011)

Demineralized water: 2 L

Antibiotic: Ampicillin (Ampi100/00003)

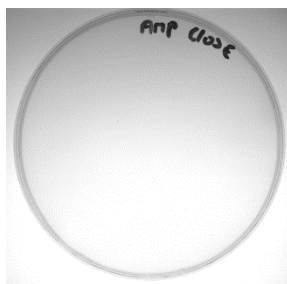
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

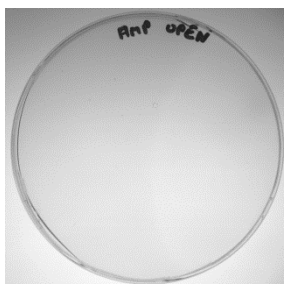
APS-One program: 18 ml of medium per plate

Number of plates: 99

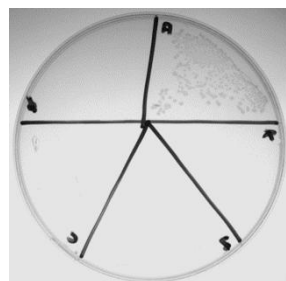
37°C



37°C - Open



Cell growth



Expression

Not performed

Conclusion:

Production OK totally provided to Séraphin team

Date: 22 May 2012

LB-Agar (Lot LB-Agar/00011)

Demineralized water: 8 L

Antibiotic: Ampicillin (Ampi100/00003)

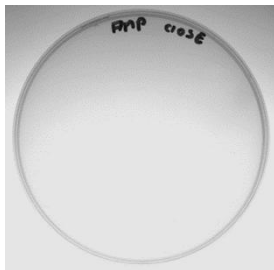
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

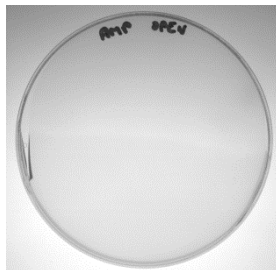
APS-One program: 18 ml of medium per plate

Number of plates: 430

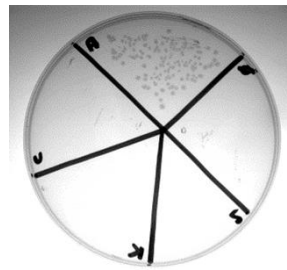
37°C



37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 14 May 2012

LB-Agar (Lot LB-Agar/00010)

Demineralized water: 8 L

Antibiotic: Ampicillin (Ampi100/00003)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 439

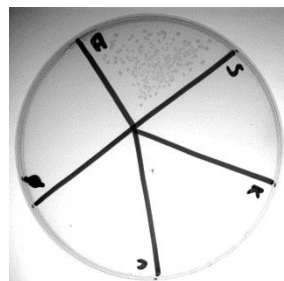
37°C



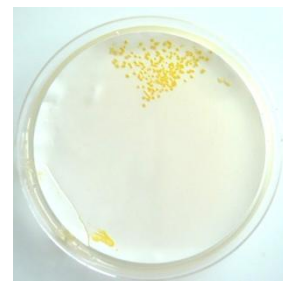
37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 04 May 2012

LB-Agar (Lot LB-Agar/00010)

Demineralized water: 2 L

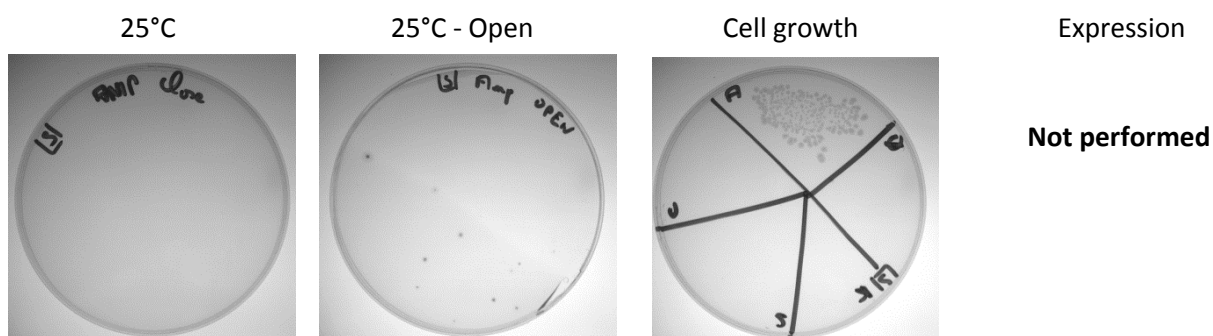
Antibiotic: Ampicillin (Ampi100/00003)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 106



Conclusion:

Growth on opened plate at room temperature only (maybe due to contaminated environment).

Production OK totally provided to Séraphin team

Date: 03 May 2012

LB-Agar (Lot LB-Agar/00010)

Demineralized water: 1 L

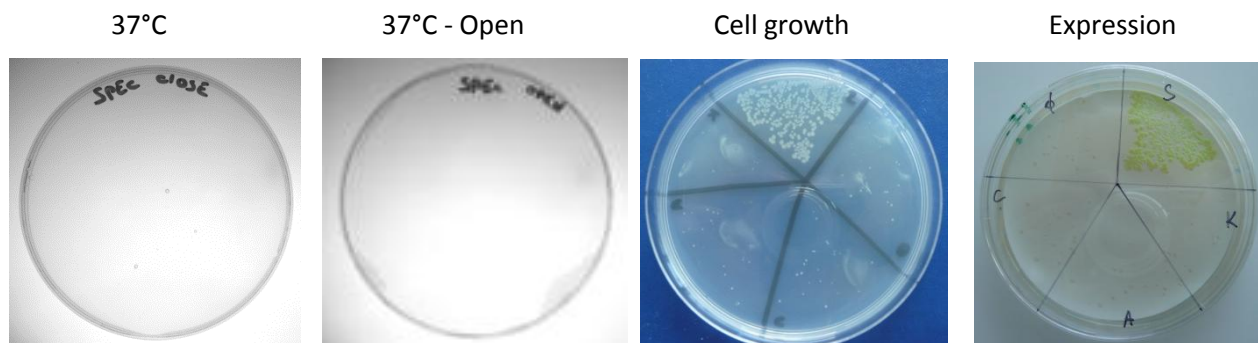
Antibiotic: Spectinomycin (Spec30/00001) – appropriate volume to have a final concentration of 50µg/ml

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 50



Conclusion:

Few colonies are visible on other sectors of the plate but do not allow colored protein expression. The selection is specifically marked for plasmid bearing the spectinomycin resistance gene.

Production OK

Date: 30 April 2012

LB-Agar (Lot LB-Agar/00009)

Demineralized water: 8 L

Antibiotic: Ampicillin (Ampi100/00003)

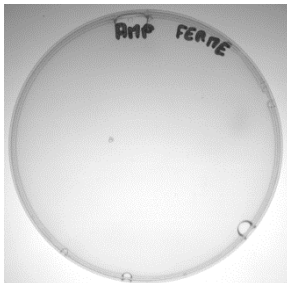
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

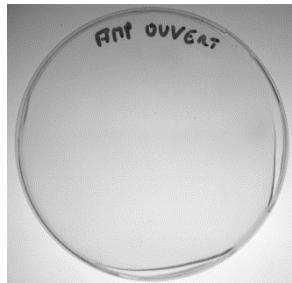
APS-One program: 18 ml of medium per plate

Number of plates: 429

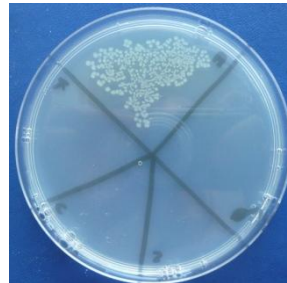
37°C



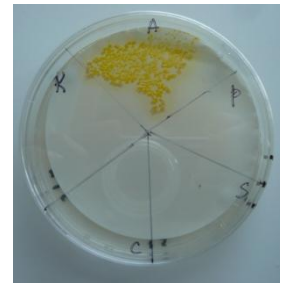
37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 26 April 2012

LB-Agar (Lot LB-Agar/00009)

Demineralized water: 4 L

Antibiotic: Kanamycin (Kana50/00002)

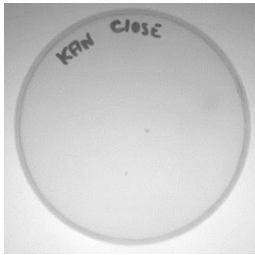
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 212

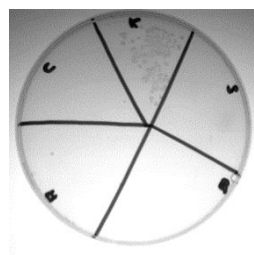
37°C



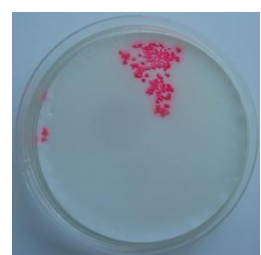
37°C - Open



Cell growth



Expression



Conclusion:

Production OK



Med2012/048K

Date: 26 April 2012

LB-Agar (Lot LB-Agar/00008 + LB-Agar/00009)

Demineralized water: 2 L

Antibiotic: Kanamycin (Kana50/00001)

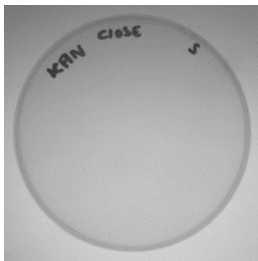
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

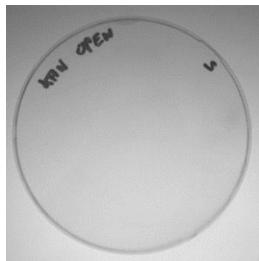
APS-One program: 18 ml of medium per plate

Number of plates: 106

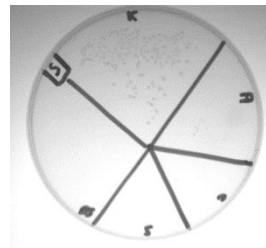
37°C



37°C - Open



Cell growth



Expression

Not performed

Conclusion:

Production OK totally provided to Séraphin team

Date: 18 April 2012

LB-Agar (Lot LB-Agar/00008)

Demineralized water: 8 L

Antibiotic: Ampicillin (Ampi100/00003)

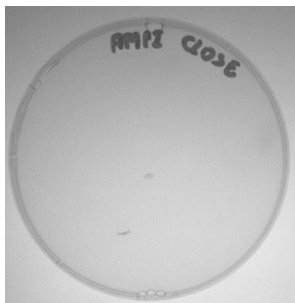
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 436

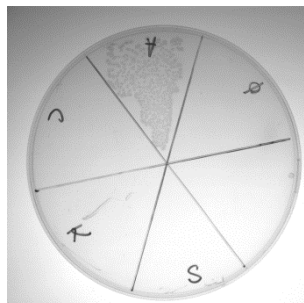
37°C



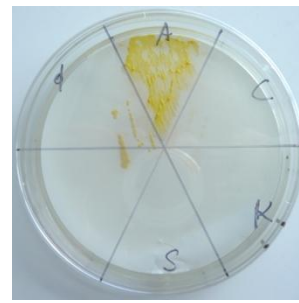
37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 11 April 2012

LB-Agar (Lot LB-Agar/00007 + LB-Agar/00008)

Demineralized water: 8 L

Antibiotic: Ampicillin (Ampi100/00002)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

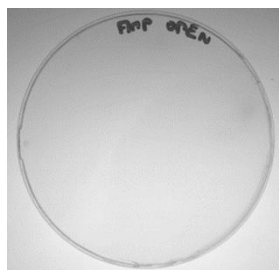
APS-One program: 18 ml of medium per plate

Number of plates: 438

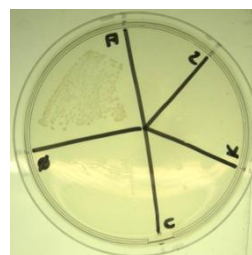
37°C



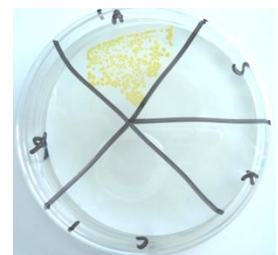
37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 10 April 2012

LB-Agar (LB-Agar/00007)

Demineralized water: 4 L

Antibiotic: Kanamycin (Kana50/00001)

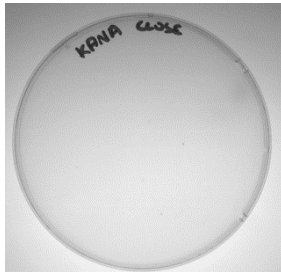
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

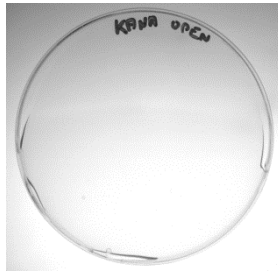
APS-One program: 18 ml of medium per plate

Number of plates: 217

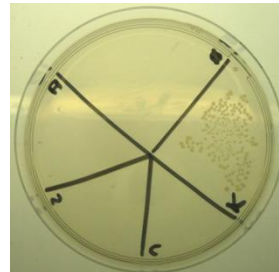
37°C



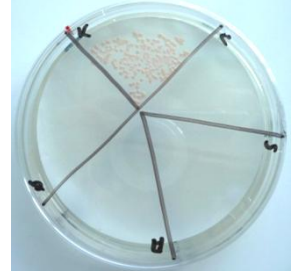
37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 10 April 2012

LB-Agar (Lot LB-Agar/00007)

Demineralized water: 2 L

Antibiotic: Ampicillin (Ampi100/00002)

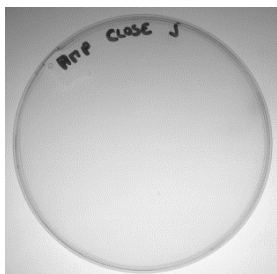
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 103

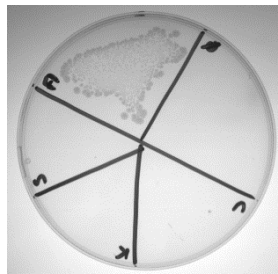
37°C



37°C - Open



Cell growth



Expression

Not performed

Conclusion:

Production OK totally provided to Séraphin team



Med2012/041G

Date: 04 April 2012

LB-Agar (Lot LB-Agar/00007)

Demineralized water: 1 L

Antibiotic: Gentamycin (Genta30/00002)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

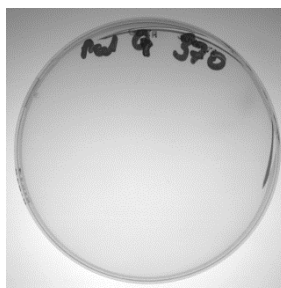
APS-One program: 18 ml of medium per plate

Number of plates: 50

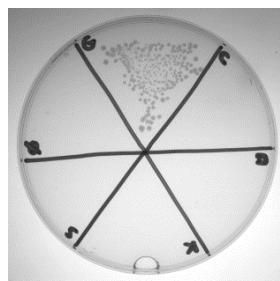
37°C



37°C - Open



Cell growth



Expression

N.A.

Conclusion:

Production OK



Med2012/040G

Date: 04 April 2012

LB-Agar (Lot LB-Agar/00007)

Demineralized water: 1 L

Antibiotic: Gentamycin (Genta30/00002)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 50

37°C

37°C - Open

Cell growth

Expression

Conclusion:

Production aborted due to technical problem with the automate

Date: 03 April 2012

LB-Agar (LB-Agar/00007)

Demineralized water: 2 L

Antibiotic: Kanamycin (Kana50/00001)

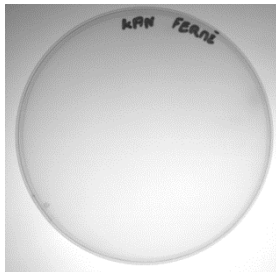
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

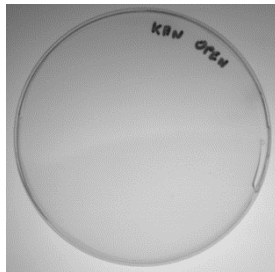
APS-One program: 18 ml of medium per plate

Number of plates: 106

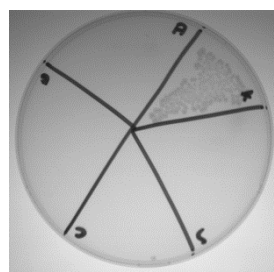
37°C



37°C - Open



Cell growth



Expression

Not performed

Conclusion:

Production OK totally provided to Séraphin team

Date: 29 March 2012

LB-Agar (Lot LB-Agar/00006+ LB-Agar/00007)

Demineralized water: 8 L

Antibiotic: Ampicillin (Ampi100/00002)

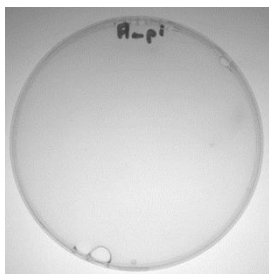
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

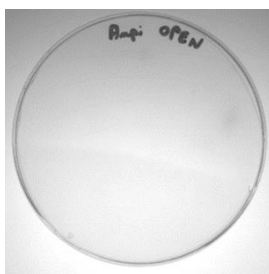
APS-One program: 18 ml of medium per plate

Number of plates: 433

37°C



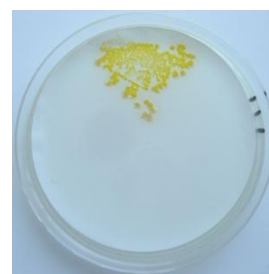
37°C - Open



Cell growth

OK – Picture not taken

Expression



Conclusion:

Production OK

Date: 22 March 2012

LB-Agar (LB-Agar/00006)

Demineralized water: 1 L

Antibiotic: Chloramphenicol (Chlor34/00002)

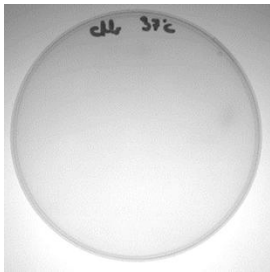
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 50

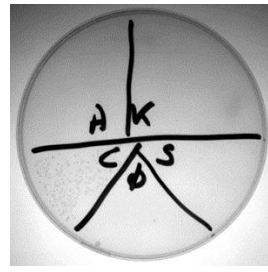
37°C



37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 22 March 2012

LB-Agar (LB-Agar/00006)

Demineralized water: 4 L

Antibiotic: Kanamycin (Kana50/00001)

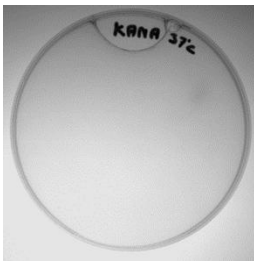
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

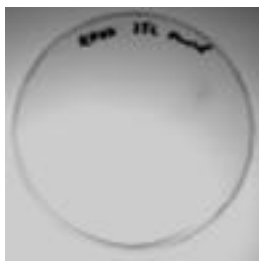
APS-One program: 18 ml of medium per plate

Number of plates: 217

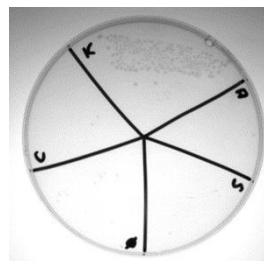
37°C



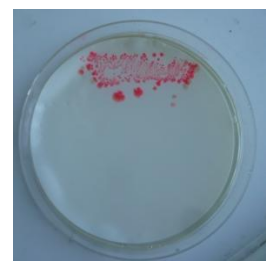
37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 20 March 2012

LB-Agar (Lot LB-Agar/00005)

Demineralized water: 8 L

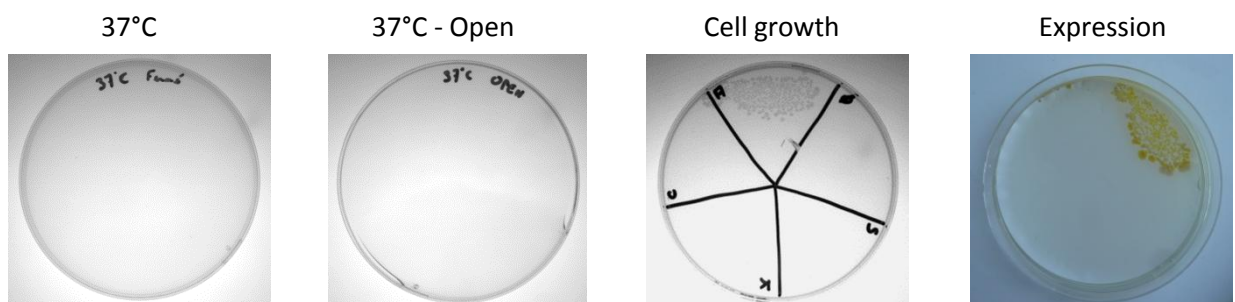
Antibiotic: Ampicillin (Ampi100/00001 + Ampi100/00002)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 439



Conclusion:

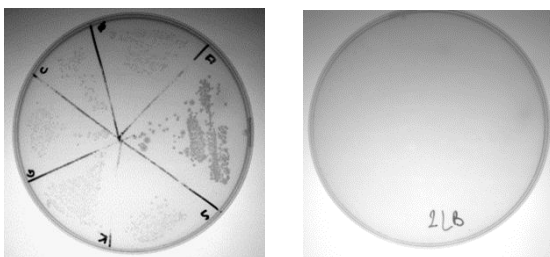
Production OK

On the first test, cells grew whatever the plasmid and even non-transformed cells grew.

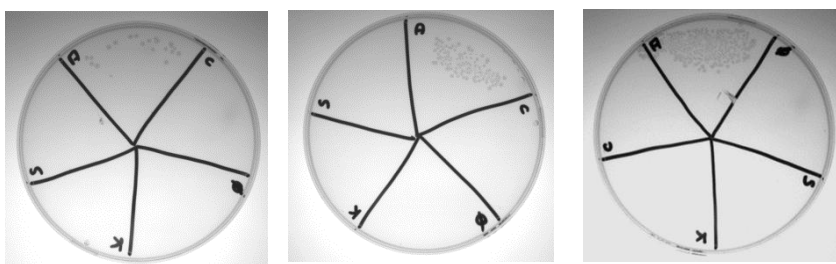
A test will be made on the Molecular Biology service to check if the problem came from the antibiotic => No.

The lot has been placed in stand-by.

Finally, the problem came from the 2xLB used that was contaminated => layer on LB+Amp plate.



Spreading tests have been made from à 450µl transformation with a hoese, 10µl and 40µl => 40µl is ok.





Med2012/028C

Date: 15 March 2012

LB-Agar (LB-Agar/00005)

Demineralized water: 1 L

Antibiotic: Chloramphenicol (Chlor34/00002)

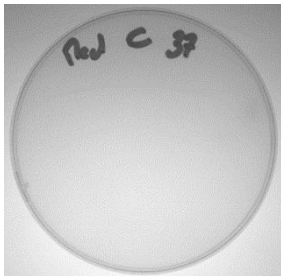
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

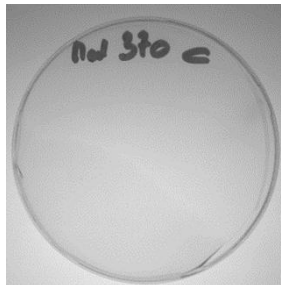
APS-One program: 18 ml of medium per plate

Number of plates: 47

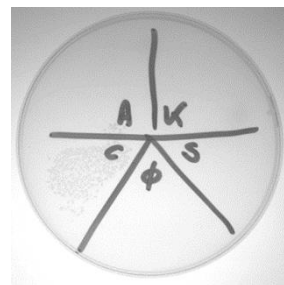
37°C



37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 12 March 2012

LB-Agar (Lot LB-Agar/00004)

Demineralized water: 8 L

Antibiotic: Ampicillin (Ampi100/00001)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 436

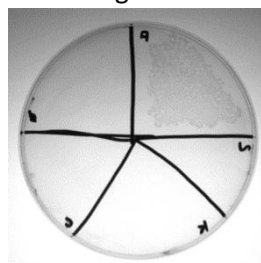
37°C



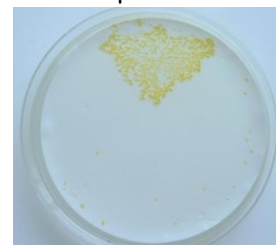
37°C - Open



Cell growth



Expression



Conclusion:

Production OK



Med2012/024G

Date: 08 March 2012

LB-Agar (Lot LB-Agar/00004)

Demineralized water: 1 L

Antibiotic: Gentamycin (Genta30/00002)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

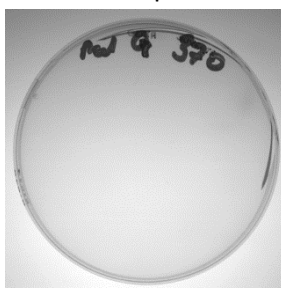
APS-One program: 18 ml of medium per plate

Number of plates: 47

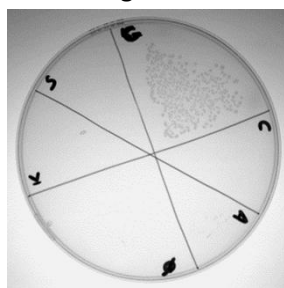
37°C



37°C - Open



Cell growth



Expression

N. A.

Conclusion:

Production OK

Date: 05 March 2012

LB-Agar (Lot LB-Agar/00004)

Demineralized water: 1 L

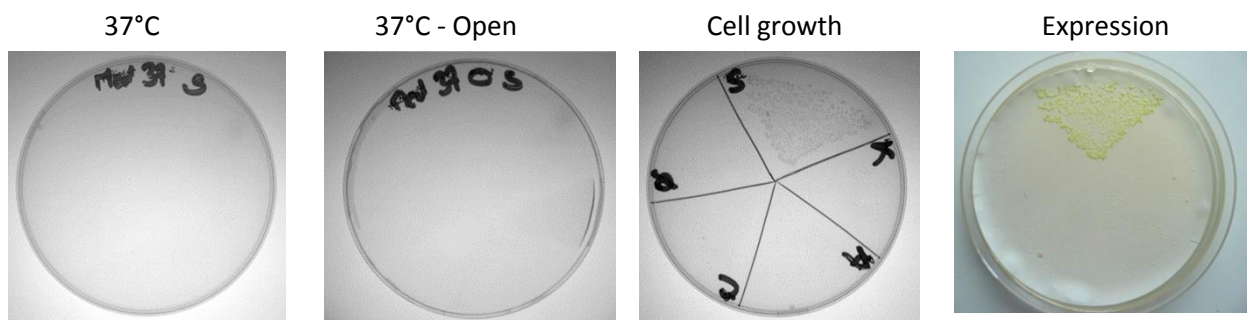
Antibiotic: Spectinomycin (Spec30/00001) – appropriate volume to have a final concentration of 50µg/ml

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 47

**Conclusion:**

Few very small colonies are visible on other sectors of the plate but do not allow colored protein expression. The selection is specifically marked for plasmid bearing the spectinomycin resistance gene.

Production OK

Date: 01 March 2012

LB-Agar (Lot LB-Agar/00004)

Demineralized water: 1 L

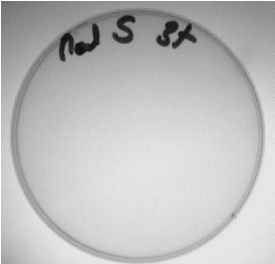
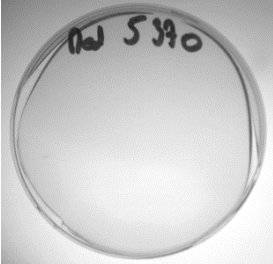
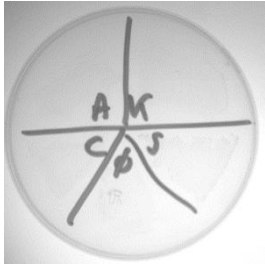
Antibiotic: Spectinomycin (Spec30/00001)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 46

37°C	37°C - Open	Cell growth	Expression
			N.A.

Conclusion:

Production discarded. Non-transformed as well as transformed cells, whatever the plasmid used, were able to grow. The 1 ml of antibiotic did not reach the medium.
To be redone.

Date: 28 Feb. 2012

LB-Agar (Lot LB-Agar/00003 + LB-Agar/00004)

Demineralized water: 8 L

Antibiotic: Ampicillin (Ampi100/00001)

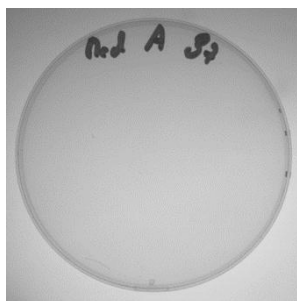
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

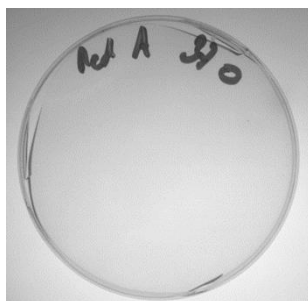
APS-One program: 18 ml of medium per plate

Number of plates: 436

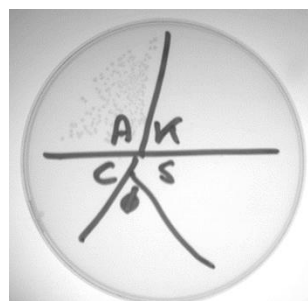
37°C



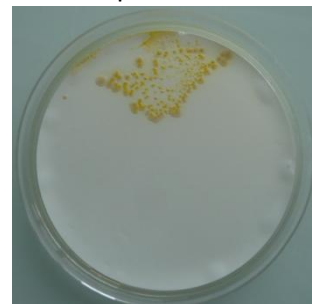
37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 27 Feb. 2012

LB-Agar (LB-Agar/00003)

Demineralized water: 4 L

Antibiotic: Kanamycin (Kana50/00001)

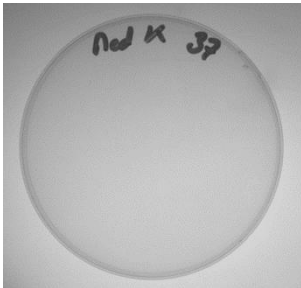
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

APS-One program: 18 ml of medium per plate

Number of plates: 214

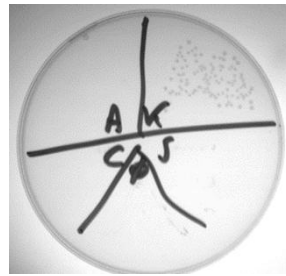
37°C



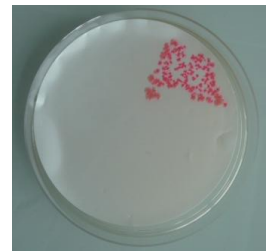
37°C - Open



Cell growth



Expression



Conclusion:

Production OK

Date: 15 Feb. 2012

LB-Agar (Lot LB-Agar/00002)

Demineralized water: 8 L

Antibiotic: Ampicillin (Ampi100/00001)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

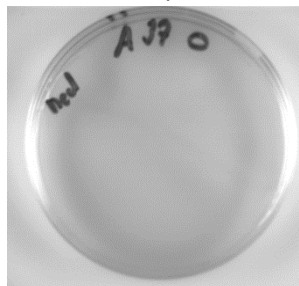
APS-One program: 18 ml of medium per plate

Number of plates: 436

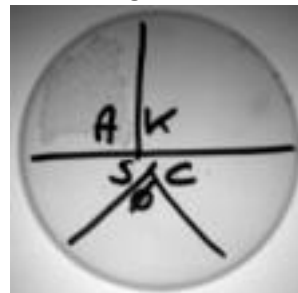
37°C



37°C - Open



Cell growth



Expression



Conclusion:

Production ok.

Date: 02 Feb. 2012

LB-Agar (LB-Agar/00002)

Demineralized water: 2 L

Antibiotic: Chloramphenicol (Chlor34/00002)

Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

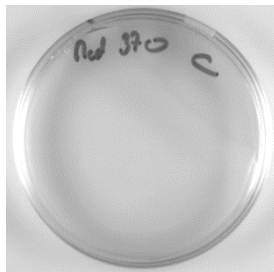
APS-One program: 18 ml of medium per plate

Number of plates: 100

37°C



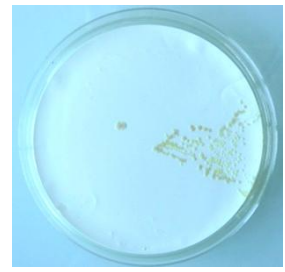
37°C - Open



Cell growth



Expression



Conclusion:

Production ok.

Date: 01 Feb. 2012

LB-Agar (LB-Agar/00002)

Demineralized water: 4 L

Antibiotic: Kanamycin (Kana50/00001)

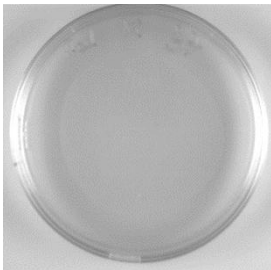
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

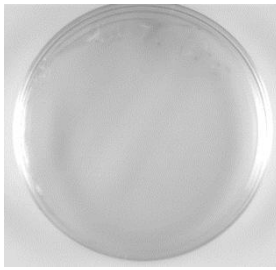
APS-One program: 18 ml of medium per plate

Number of plates: 206

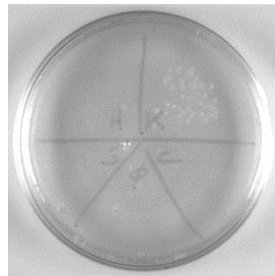
37°C



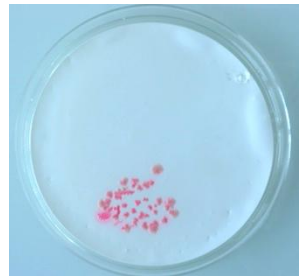
37°C - Open



Cell growth



Expression



Conclusion:

Production ok.

Date: 31 Jan. 2012

LB-Agar (Lot LB-Agar/00001 + LB-Agar/00002)

Demineralized water: 8 L

Antibiotic: Ampicillin (Ampi100/00001)

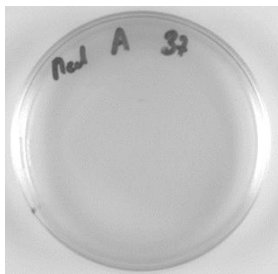
Sterilization: 15 minutes at 121°C

Pouring temperature: 47°C

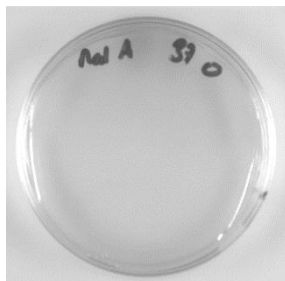
APS-One program: 18 ml of medium per plate

Number of plates: 428

37°C



37°C - Open



Cell growth



Expression



Conclusion:

Production ok.