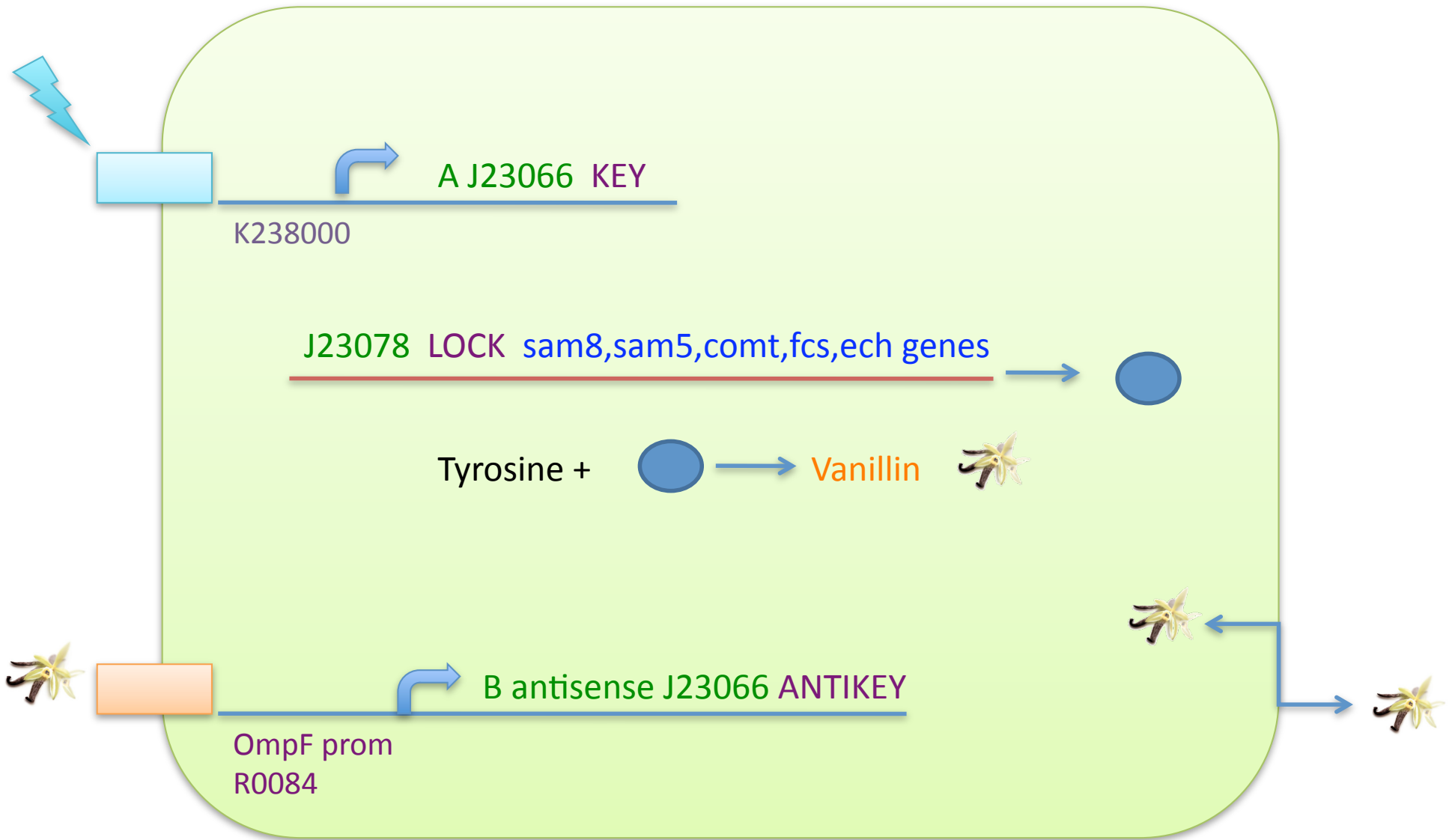
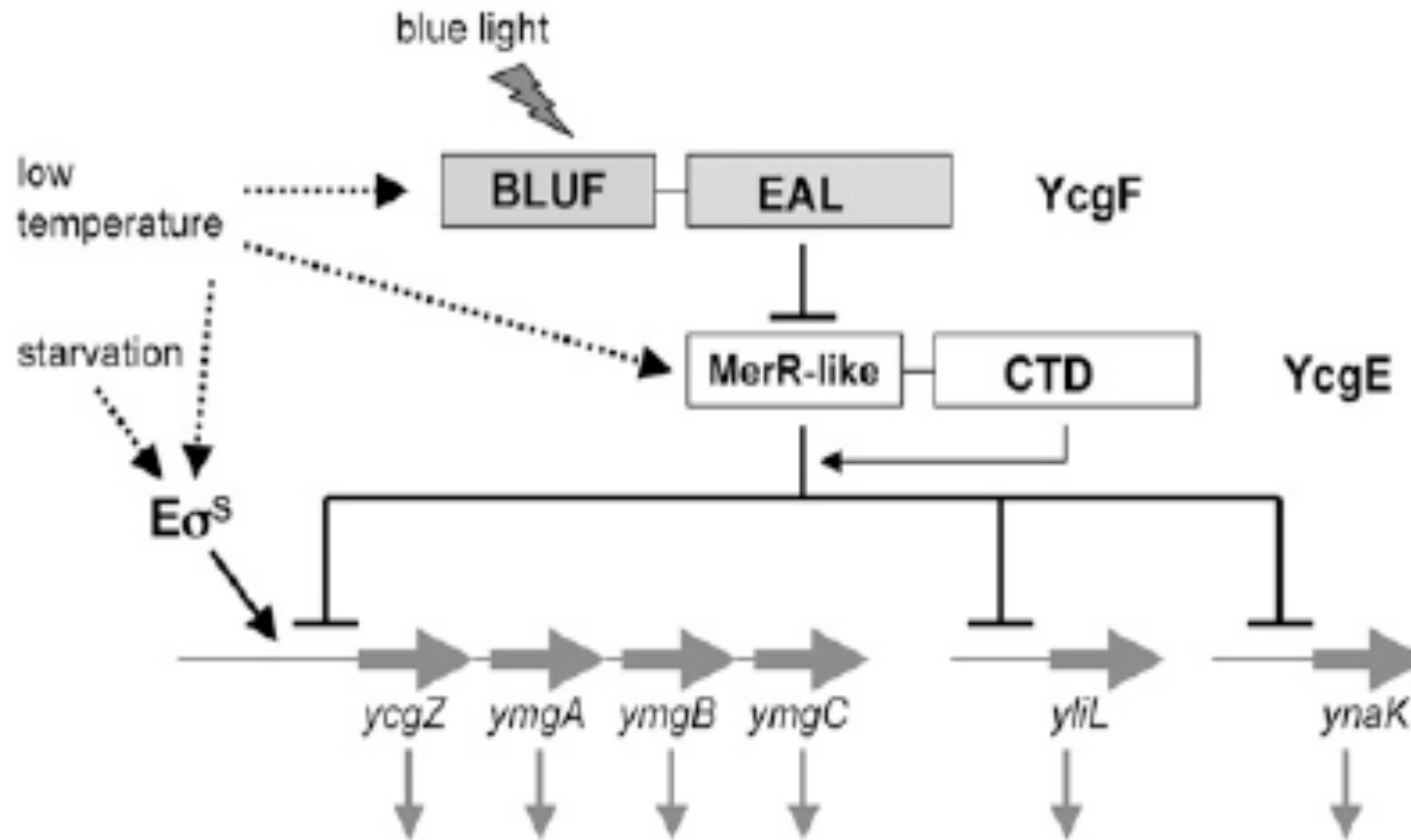
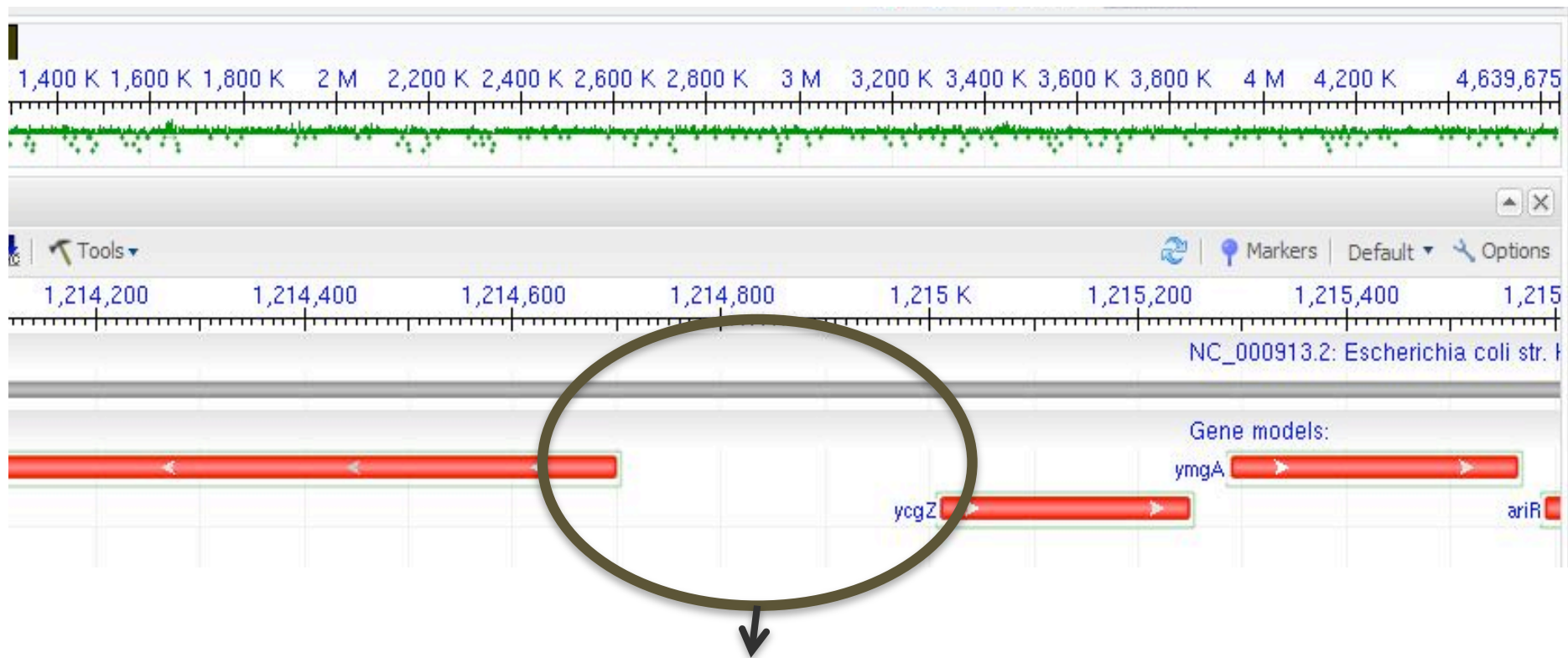


Wekelijkse meeting
16/07



Blue light receptor





CTGCATGTTCTGCGATTTGCTATCGAAACCATTTCTTCGATTTTTTTTGACAGGTCGTCGTCACGTATA
 TGGCTACGATAAATAAGGGTGGTAAGCATTACAATCCAGGGTAATGGGTGAGGCGAGAGTAAGACGGTA
 ACAGACATATCTTCTTGTGTCTTTCTTTTAATACCAAACATAACCGTTTCTTTACATTGATAAAAAATG
 GAAAAAGTTGAACACTAGTTGGCGAAAAATCTTGTATAGATTGTCAGTTAAATGATGCAATATGTTTTAT
 CATAACACATTGTTTTATATGCATTAGCACTAATTGCAAAAATTAATTTATCATTCTGTACACATATTT
 CGTACAAGTTTGCTATTGTTACTTCACTTAACATTGATTAACATTTTTAACAGAGGCGTAGCATGCATCA
 AAATTCAGTGACTTTAGATTCTGCGGGAGCAATCACTCGTTACTTTGCAAAAGCTAACTTGCATACTCAG
 CAGGAAACTCT

Forward primer

5' CATCAT GAATTCGCGGCCGCTTCTAGAG TTT GAC AGG TTC GTC GTC 3'

LENGTH:

6 + 22 + 18

GC CONTENT:

50.0 %

MELT TEMP:

52.4 °C

Reverse primer

5' CTGCAGCGGCCGCTACTAGTA CCT CTG TTA AAA ATG TTA ATC AAT GTT AAG 3'

LENGTH:

21 + 30

GC CONTENT:

26.7 %

MELT TEMP:

52.1 °C

✓ Controleren van promoter regio

- GFP

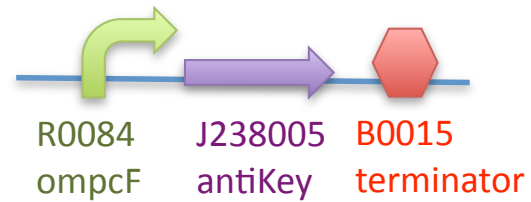
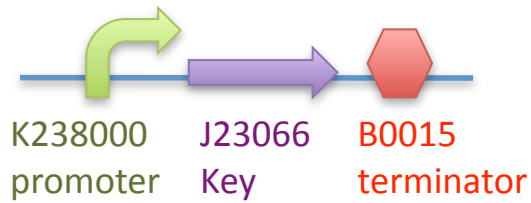
✓ Werken in stam MC4100: aanwezig in lab

✓ Licht: 470nm
LED

A en B

Key /lock systeem

Biobricks van vorig jaar



A

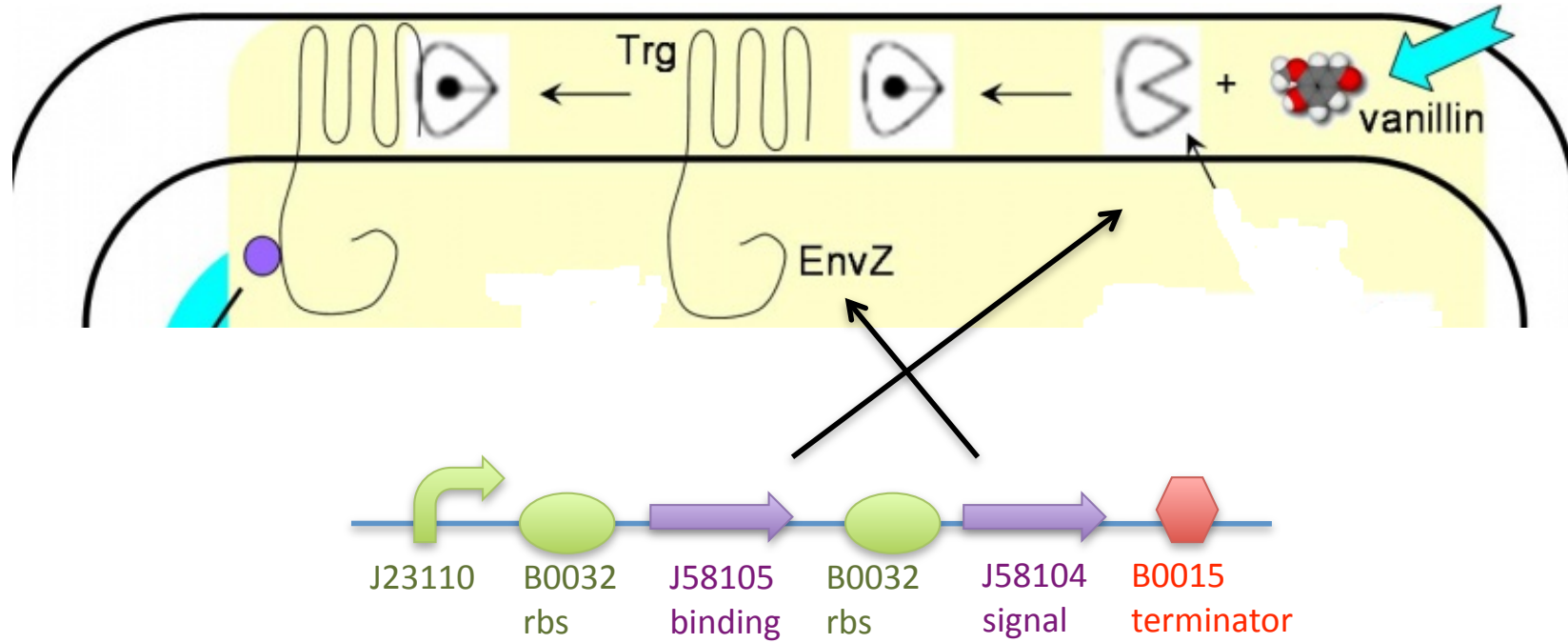
Promoter A: zelf maken

Promoter B en terminators:
in 2009 distributie aanwezig

B

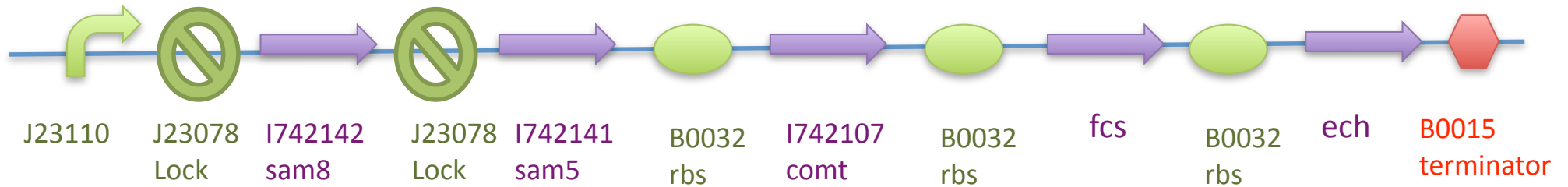
Keys: hier aanwezig

Vanillin Receptor



Parts bestelling in progress

Vanillin synthese

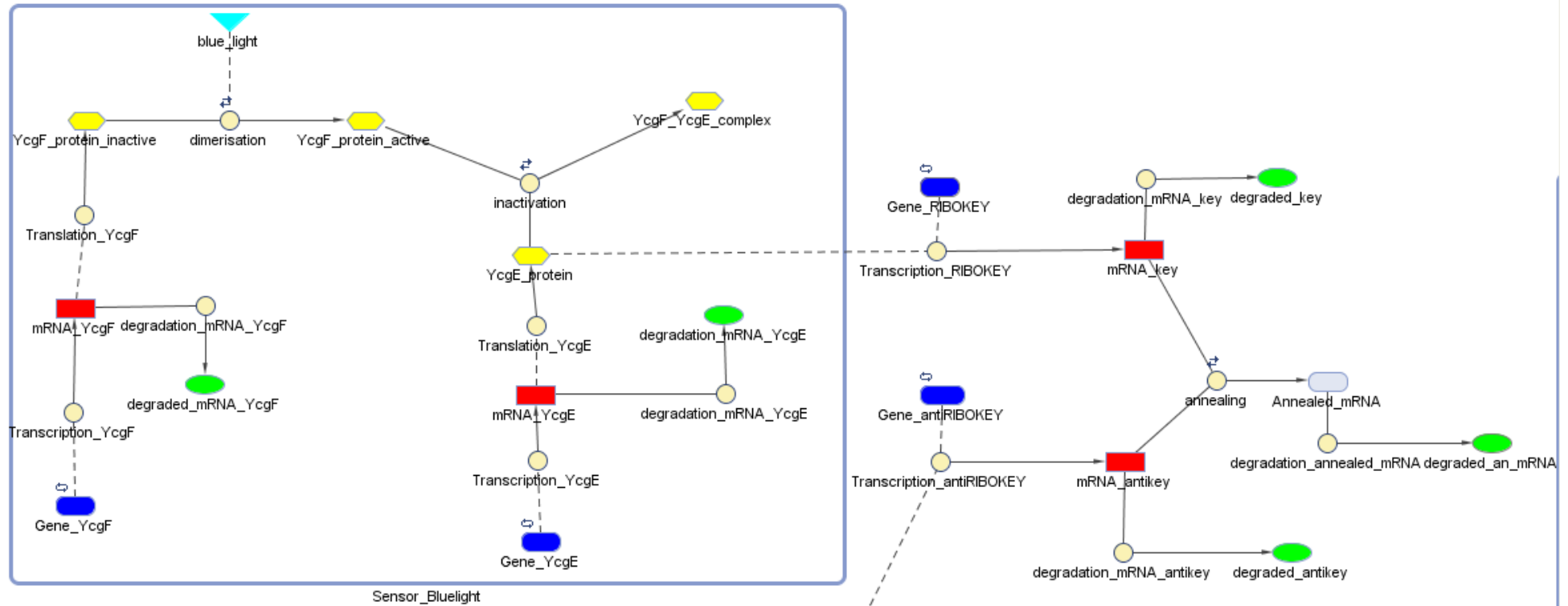


Sam8, sam5: bestelt

COMT: in 2009 distributie

Fcs, ech: in progress

Part of model



Sensor_B_Transc

Reaction Rates

- Defining reactions
- Unknown constants
 - Tests:
 - lightsensor
 - Articals
 - Wiki's last year

Vragen

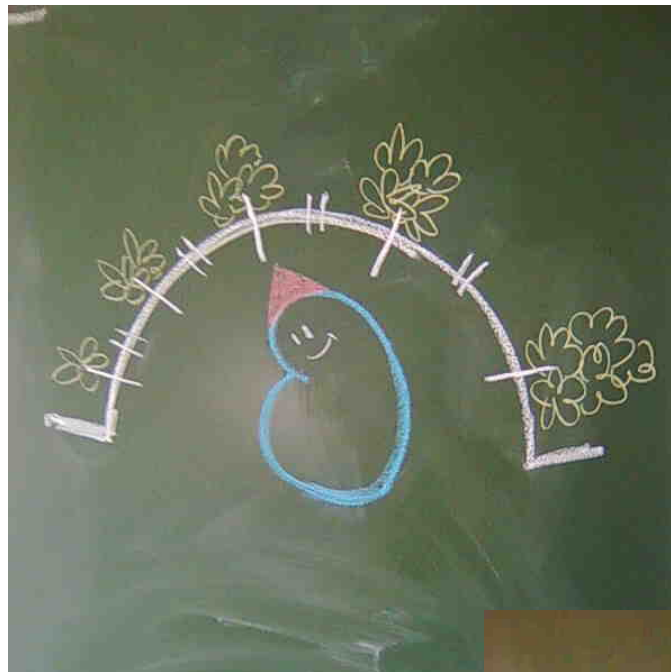
Parameters voor receptoren en vanillin synthese?

Verkrijgen van fcs, ech en vanillin receptor?

Knipplaatsen in vanillin synthese en A?

A : complete Assembly Incompatibility

vanillin synthese: complete Assembly Incompatibility



LOGO's