

Lab | Book

Manual

"Editing a document template"

LabBook Version 3.4

Manual version 2 – Octobre 2024



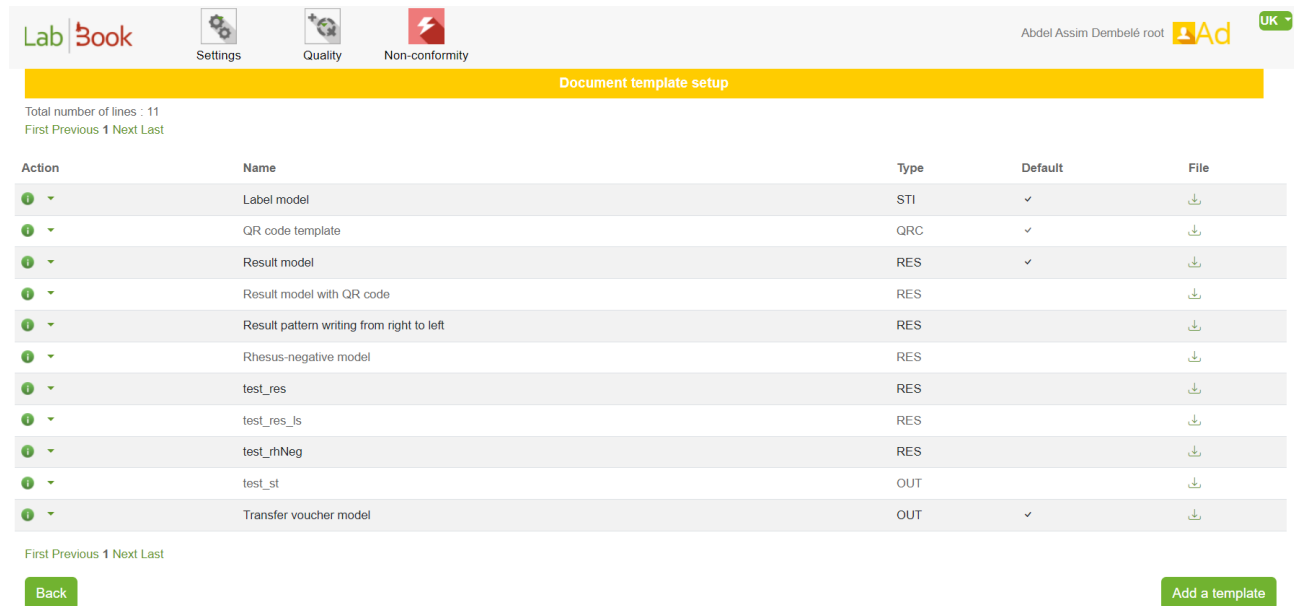
Table of contents

Editing a document template	3
Define a variable	4
Define a logical test	5
IF test.....	5
Test CHOOSE	6
FOR loop	7
Open the FOR with a hyperlink	8
Close the FOR with a hyperlink.....	8
Define a frame for an image.....	9
Define a QR code template	10
Available data	12
For the analysis report template	12
For the model transfer voucher.....	16
For the administrative file label model	19



Editing a document template

The existing templates are available in the administrator area.



LabBook Settings Quality Non-conformity Abdel Assim Dembelé root Ad UK

Document template setup

Total number of lines : 11
First Previous 1 Next Last

Action	Name	Type	Default	File
1	Label model	STI	✓	↓
1	QR code template	QRC	✓	↓
1	Result model	RES	✓	↓
1	Result model with QR code	RES		↓
1	Result pattern writing from right to left	RES		↓
1	Rhesus-negative model	RES		↓
1	test_res	RES		↓
1	test_res_ls	RES		↓
1	test_rhNeg	RES		↓
1	test_st	OUT		↓
1	Transfer voucher model	OUT	✓	↓

First Previous 1 Next Last

Back Add a template

They are in ODT format, editable with LibreOffice or OpenOffice (except for the QR code templates).

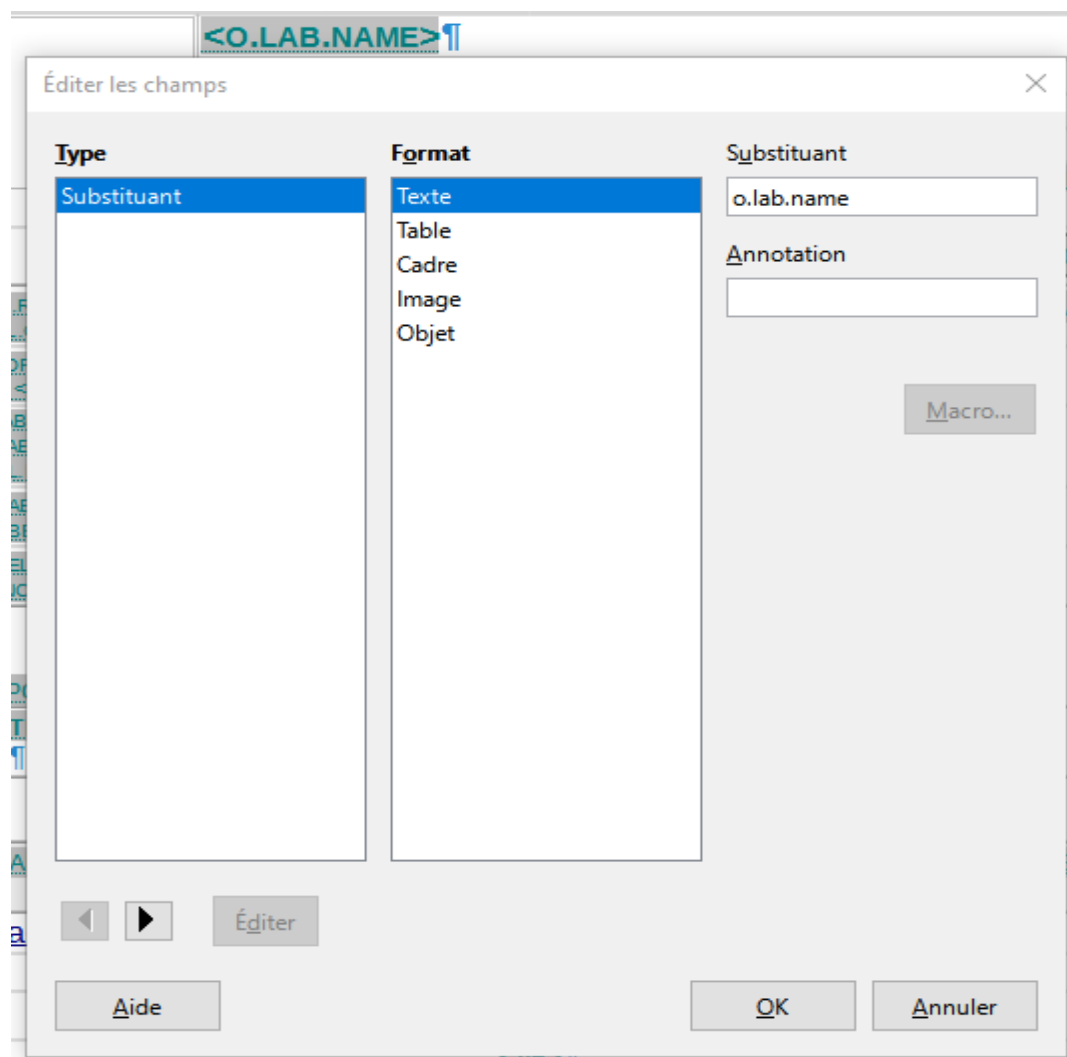
This document does not explain how to paginate a document, but how to make certain parts of a document variable so that LabBook can complete them.



Define a variable

A placeholder must be inserted.

Insert => Fields => Other fields



The syntax in the "Substitute" field is of the form :
o.category_name.data_name.

(see list of data available at the end of the document).

You can then change the font style to your liking.



Define a logical test

IF test

Via a substitute: Insert => Fields => Other fields.

In the example the full substituent is: if test="o.report.full_comm == 'Y' and o.rec.comm".

<IF-TEST="O.REPORT.FULL_COMM == 'Y' AND O.REC.COMM">|

Éditer les champs ×

Type	Format	Substituant
Substituant	Texte	if test="o.report.full_comm =
	Table	<u>A</u> nnotation
	Cadre	<input style="width: 100%;" type="text"/>
	Image	
	Objet	

Macro...

Any test must be closed by its equivalent with the following syntax.

</IF>|

Éditer les champs ×

Type	Format	Substituant
Substituant	Texte	/if
	Table	<u>A</u> nnotation
	Cadre	<input style="width: 100%;" type="text"/>
	Image	
	Objet	

Test CHOOSE

Via a hyperlink: Insert => Hyperlink.

```

for each="res in data.l_res"
<RES_LABEL>
choose
when bold_value == 'Y'
  <RES.VALUE></IF
  TEST="RES.UNT"><RES.UNI
  T></IF>
/when
otherwise
  <RES.VALUE></IF
  TEST="RES.UNT"><RES.UNI
  T></IF>
/otherwise
/choose
<RES.REFERENCES>
<RES.PREV_DATE>
<RES.PREV_VAL></IF
TEST="RES.UNT">
<RES.PREV_UNT></IF>

```

The principle is to choose between 2 or more cases.

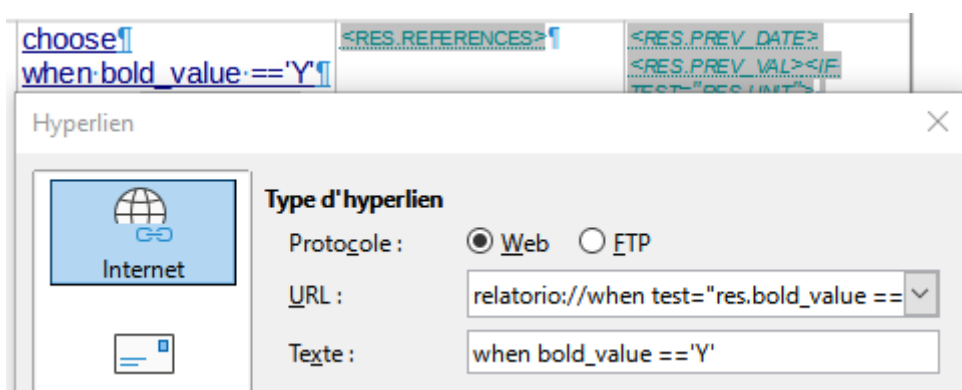
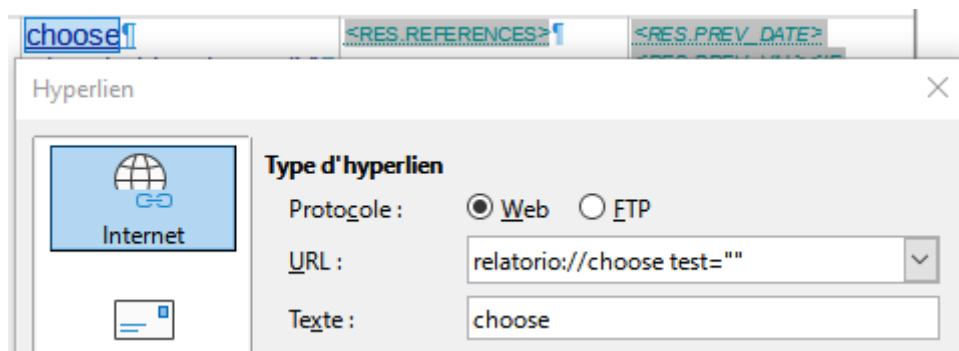
Here we want to put in bold when bold value equals Y and in normal font when it is not equal to Y.

Define a hyperlink opening CHOOSE followed by one (or more) hyperlink WHEN then /WHEN and then OTHERWISE and /OTHERWISE and finally conclude with /CHOOSE.

Hyperlinks must follow the following syntax in the URL field: relatorio://...



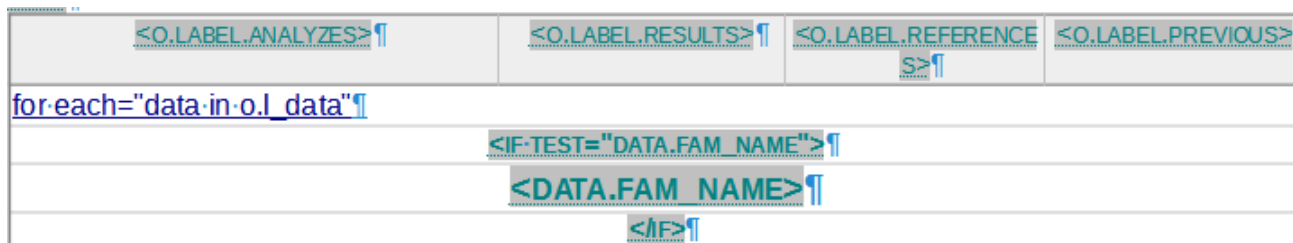
Note: the *Text* part can be filled in as you wish, only the *URL* part must follow the requested syntax.



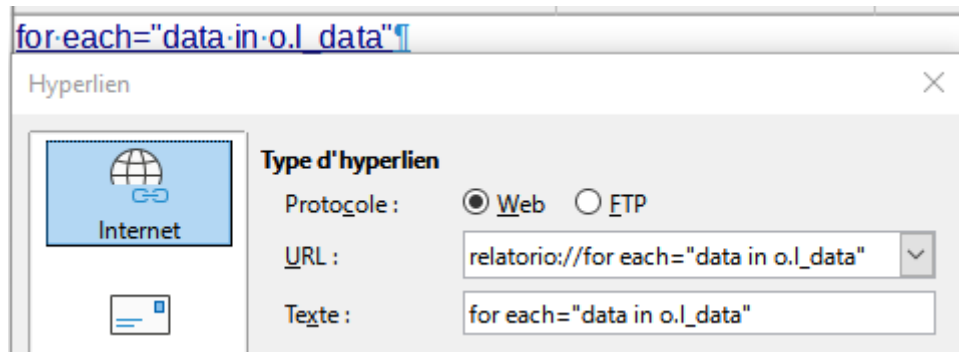
FOR loop

Via a hyperlink: Insert => Hyperlink.

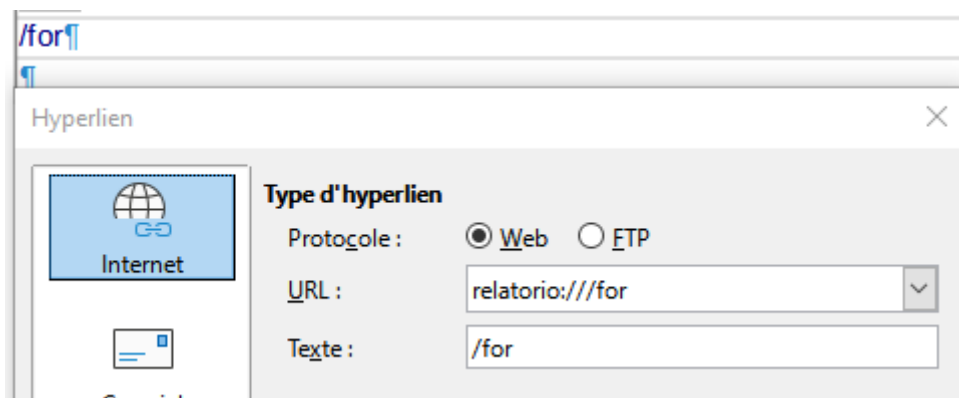
In order to repeat a paragraph or line with a data set (like o.l_data and o.l_data.l_res).



Open the FOR with a hyperlink



Close the FOR with a hyperlink



Define a frame for an image

Insert => Frame

The syntax to follow in the Options tab and then Name fields is as follows:

image : *o.category.data_name*

Cadre

Type Options Adapter Hyperlien Bordures Zone Transparence Colonnes Macro

Noms

Nom : image: o.logo

Description : logo set in LabBook

Lien précédent : <aucun>

Lien suivant : <aucun>

Protéger

Contenu

Position

Taille

Alignement du contenu

Alignement vertical Haut

Propriétés

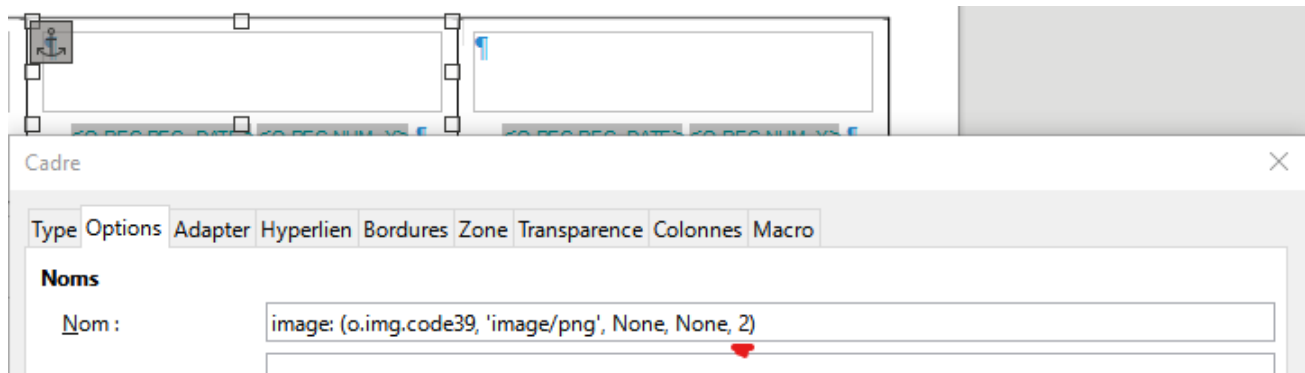
Éditable dans le document en lecture seule

Imprimer

Direction du texte : Utiliser les paramètres de l'objet supérieur

Aide Réinitialiser OK Annuler

To replicate an image multiple times on the same template, you need to adapt the simple syntax mentioned above by making the end number unique in your template for each image.



Define a QR code template

QRC templates are used to generate an image as a QR code.

The latter can be inserted in a result template (see: Defining a frame for an image).

Only one QR code can be inserted in a result template.

This generation is triggered by the setting of an analysis variable in the repository (Example analysis B4274).

Générer un code QR Oui Non

The QR code template is in TOML format



Example provided by default:

```
# -*- coding:utf-8 -*-
version = 1

[QRcode]
# Integer from 1 to 40 that controls the size of the QR Code (the smallest,
version 1, is a 21x21 matrix)
# Set to 0 and use the fit parameter when making the code to determine this
automatically.

version = 0

# Options : L, M, Q ,H (respectively 7%, 15%, 25%, 30% or less errors can be
corrected)

error_correction = "H"

# Dynamic value options :
# {{ o.rec.rec_date }}, {{ o.rec.num_y }}, {{ o.rec.num_m }}, {{ o.rec.num_d }}
# {{ o.pat.lastname }}, {{ o.pat.firstname }}, {{ pat.maidenname }}, {{
o.pat.middlename }},
# {{ o.pat.code_lab }}, {{ o.pat.code }}, {{ o.pat.sex }}, {{ o.pat.age }}, {{
o.pat.age_unit }}
# {{ o.res.value }}, {{ o.res.unit }}, {{ o.res.valid_date }}

text = "{{ o.pat.lastname }} {{ o.pat.firstname }} {{ o.pat.code_lab }} , {{
o.pat.sex }} , {{ o.pat.age }} {{ o.pat.age_unit }} , {{ o.res.valid_date }} ,
{{ o.res.value }}"
```



Available data

For the analysis report template

Logo section

o.logo this is an image

Translated words or expressions section

o.label.phone	Tel
o.label.fax	Fax
o.label.email	Email
o.label.record	File
o.label.code	Code
o.label.born	Born on
o.label.admit	Admitted on
o.label.at	at
o.label.bed	Bed
o.label.by	by
o.label.exam_presc	Prescribed exam on
o.label.save	Registered on
o.label.edit	edited on
o.label.analyzes	ANALYSIS
o.label.results	RESULT
o.label.references	References
o.label.previous	Priorities
o.label.comm	Comment
o.label.validate	validated by

Laboratory information section

o.lab.name
o.lab.head2
o.lab.head3
o.lab.addr
o.lab.phone
o.lab.phone
o.lab.fax
o.lab.email



Report information section

o.report.title
o.report.status
o.report.full_comm Y or N
o.report.full_head Y or N
o.report.date_now
o.report.time_now
o.report.replace
o.report.replace_date

Section information file

o.rec.rec_date
o.rec.num_y
o.rec.num_m
o.rec.num_d
o.rec.num_int
o.rec.hosp Y or N
o.rec.hosp_date
o.rec.hosp_service
o.rec.hosp_bed
o.rec.presc_date
o.rec.presc_name
o.rec.custody
o.rec.comm_title
o.rec.comm
o.rec.date_vld



Patient information section

o.pat.anonymous
o.pat.code
o.pat.code_lab
o.pat.lastname
o.pat.firstname
o.pat.maidenname
o.pat.middlename
o.pat.birth
o.pat.age
o.pat.age_unit
o.pat.age_days
o.pat.sex
o.pat.addr
o.pat.zipcode
o.pat.city
o.pat.district
o.pat.pbox
o.pat.phone
o.pat.phone2
o.pat.profession
o.pat.nationality
o.pat.resident Y or N
o.pat.blood_group
o.pat.blood_rhesus

Section of information on the analysis of this file

o.l_data.fam_name
o.l_data.ana_name
o.l_data.validate
o.l_data.l_res.label
o.l_data.l_res.value
o.l_data.l_res.unit
o.l_data.l_res.references
o.l_data.l_res.prev_date
o.l_data.l_res.prev_val
o.l_data.l_res.prev_unit
o.l_data.l_res.bold_value Y or N
o.l_data.l_res.highlight Y or N
o.l_data.l_res.comm
o.l_data.l_res.var_comm



Section of information about the samples in this file

o.samples.date
o.samples.type
o.samples.qty
o.samples.stat
o.samples.sampler
o.samples.date_receipt
o.samples.time_receipt
o.samples.comm
o.samples.location
o.samples.location_det
o.samples.storage
o.samples.code

QR code information section

o.res.value
o.res.unit
o.res.valid_date
o.res.qrcode is an image



For the model transfer voucher

Logo section

o.logo this is an image

Translated words or expressions section

o.label.phone
o.label.fax
o.label.email
o.label.record
o.label.code
o.label.born
o.label.admit
o.label.at
o.label.bed
o.label.by
o.label.exam_presc
o.label.save
o.label.edit
o.label.analyzes
o.label.results
o.label.references
o.label.previous
o.label.comm
o.label.validate

Laboratory information section

o.lab.name
o.lab.head2
o.lab.head3
o.lab.addr
o.lab.phone
o.lab.phone
o.lab.fax
o.lab.email

Report information section

o.report.title Transfer voucher
o.report.full_comm Y or N
o.report.full_head Y or N
o.report.date_now
o.report.time_now



File information section

o.rec.rec_date
o.rec.num_y
o.rec.num_m
o.rec.num_d
o.rec.num_int
o.rec.hosp Y or N
o.rec.hosp_date
o.rec.hosp_service
o.rec.hosp_bed
o.rec.presc_date
o.rec.presc_name
o.rec.custody
o.rec.comm_title
o.rec.comm
o.rec.date_vld

Patient information section

o.pat.anonymous
o.pat.code
o.pat.code_lab
o.pat.lastname
o.pat.firstname
o.pat.maidenname
o.pat.middlename
o.pat.birth
o.pat.age
o.pat.age_unit
o.pat.age_days
o.pat.sex
o.pat.addr
o.pat.zipcode
o.pat.city
o.pat.district
o.pat.pbox
o.pat.phone
o.pat.phone2
o.pat.profession
o.pat.nationality
o.pat.resident Y or N
o.pat.blood_group
o.pat.blood_rhesus



Section of information on the analysis of this file

o.l_data.fam_name

o.l_data.ana_name

o.l_data.ana_outsourced Y or N

Section of information about the samples in this file

o.samples.date

o.samples.type

o.samples.qty

o.samples.stat

o.samples.sampler

o.samples.date_receipt

o.samples.time_receipt

o.samples.comm

o.samples.location

o.samples.location_det

o.samples.storage

o.samples.code



For the administrative file label model

Available labels section

o.img.code39 this is an image
o.img.qrcode is an image

File information section

o.rec.num
o.rec.num_y
o.rec.num_m
o.rec.num_d
o.rec.rec_date

Patient information section

o.pat.anonymous
o.pat.code
o.pat.code_lab
o.pat.lastname
o.pat.firstname
o.pat.maidenname
o.pat.middlename
o.pat.birth
o.pat.age
o.pat.age_unit
o.pat.age_days
o.pat.sex
o.pat.addr
o.pat.zipcode
o.pat.city
o.pat.district
o.pat.pbox
o.pat.phone
o.pat.phone2
o.pat.profession
o.pat.nationality
o.pat.resident Y or N
o.pat.blood_group
o.pat.blood_rhesus

