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**AnimalDB**  
Animal Research Information System

# Handleiding AnimalDB

## 1 – Toevoegen van dieren anders dan via de kweek

Open het Animals-menu en kies “Bring in animals”. Het invoerscherm verschijnt.

The screenshot shows the AnimalDB interface. At the top, there are logos for the University of Groningen and the Faculty of Mathematics and Natural Sciences, along with the AnimalDB logo. Below the logos is a navigation bar with the following items: Welcome, **Animals**, DEC and VWA, Settings, Admin, and Logout/account settings. The 'Animals' menu is circled in red. On the left side, there is a sidebar with the following options: Data viewer, Timeline viewer, **Bring in animals**, Breeding, Remove animals, Animals in locations, and Make (cage) labels. The 'Bring in animals' option is circled in red. The main content area is titled 'Bring in animals' and contains a form with the following fields:

- Species: Select an Option \*
- Background: Select an Option \*
- Sex: Select an Option \*
- Source: Select an Option \*
- Animal type: Select an Option \*
- Date of birth (if known):
- Date of entry: 21-02-2012 \*
- Responsible researcher:
- Location (optional): Select an Option
- Name:
- Name prefix (may be empty): mm\_
- Start numbering at: 7843
- Number of animals to add: 1 \*

At the bottom of the form is a button labeled 'Add animal(s)'.

Kies de soort (species). Op dit moment zijn de volgende soorten beschikbaar:

Engelse naam	nVWA-categorie	Latijnse naam	Nederlandse naam
House mouse	Muizen	Mus musculus	Huismuis
Brown rat	Ratten	Rattus norvegicus	Bruine rat
Common vole	And. Knaagdieren	Microtus arvalis	Veldmuis
Tundra vole	And. Knaagdieren	Microtus oeconomus	Noordse woelmuis
Syrian hamster	Hamsters	Mesocricetus auratus	Goudhamster
European ground squirrel	And. Knaagdieren	Spermophilus citellus	Europese grondeekhoorn
Siberian hamster	Hamsters	Phodopus sungorus	Siberische hamster
Domestic guinea pig	Cavia's	Cavia porcellus	Cavia
Fat-tailed dunnart	And. Zoogdieren	Sminthopsis granulipes	Dikstaartsmalvoetbuidelmuis



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Bring in animals

Species:
Background:
Sex:
Source:
Animal type:
Date of birth (if known):
Date of entry:
Responsible researcher:
Location (optional):
Name:
Name prefix (may be empty):
Start numbering at:
Number of animals to add:
Add animal(s)

Select an Option
Give the species.
Brown rat
Common vole
Domestic guinea pig
European ground squirrel
Fat-tailed dunnart
House mouse
Siberian hamster

Kies de achtergrond (background).

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Species: House mouse \*

Background: Select an Option \*

Sex: \*

Source: BDFxC57/BL6 \*

Animal type: C57/BL6 \*

Date of birth (if known): C57/BL6 x 129SV

Date of entry: C57/BL6 x CBA/j

Responsible researcher: C57/BL6 x NMRI

Location (optional): C57/BL6 x NMRI x DBA/2

Name: C57/BL6x129SVxNMRI

Name prefix (may be empty):

Start numbering at: 1

Number of animals to add: 1 \*

Add animal(s)

Give the genetic background of the animal, for instance C57black6/j.

Kies het geslacht (sex).

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Species: House mouse \*

Background: C57/BL6 \*

Sex: Select an Option \*

Source: \*

Animal type: Female \*

Date of birth (if known): Male

Date of entry: UnknownSex

Responsible researcher:

Location (optional): Select an Option

Name:

Name prefix (may be empty):

Start numbering at: 1

Number of animals to add: 1 \*

Add animal(s)

Give the sex of the new animal(s).

Geef de herkomst (source) op.

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Species: House mouse \*  
Background: C57/BL6 \*  
Sex: Male \*  
Source: Select an Option \*  
Animal type:  Give the source from which the new animal(s) originate(s).  
Date of birth (if known):  
Date of entry:  
Responsible researcher:  
Location (optional):  
Name:  
Name prefix (may be empty):  
Start numbering at: 1  
Number of animals to add: 1 \*  
Add animal(s)

Kies het soort dier (animal type).

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Species: House mouse \*  
Background: C57/BL6 \*  
Sex: Male \*  
Source: Harlan \*  
Animal type: Select an Option \*  
Date of birth (if known):  
Date of entry:  
Responsible researcher:  
Location (optional):  
Name:  
Name prefix (may be empty):  
Start numbering at: 1  
Number of animals to add: 1 \*  
Add animal(s)


A. Gewoon dier  
B. Transgeen dier  
C. Wildvang  
D. Biotoop

Als u als soort dier “A. Gewoon dier” kiest, verandert er niets en kunt u verder naar ‘Date of birth’.  
Als u echter “B. Transgeen dier” kiest, verschijnt er een box in beeld waarin u gen-modificaties kunt selecteren.



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Bring in animals

Species:House mouse\*

Background:C57/BL6\*

Sex:Male\*

Source:Harlan\*

Animal type:B. Transgeen dier\*

Genotype:

Gene(s):

0 items selected

Remove all

Add all

Cry1 KO

Cry2 KO

Per1 KO

Per2 KO

Per2::Luc KI

APPSL

AppSL ind

APPSL/PS1-6,2

ASM

Save gene(s)

Date of birth (if known):

Date of entry:23-02-2012\*

Responsible researcher:

Location (optional):Select an Option

Name:

Name prefix (may be empty):


Start numbering at:1

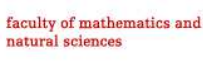
Number of animals to add:1\*


Add animal(s)

Klik op de plusjes om gen-modificaties toe te voegen. Bij een vergissing drukt u op het minnetje naast de gekozen gen-modificatie; deze verdwijnt dan weer uit de kolom met “selected” items. Klik op ‘Save gene(s)’ als u klaar bent met het selecteren van gen-modificaties voor de beesten die u toe wilt voegen.

Een gen-modificatie is een gen-construct, vaak in combinatie met de status (KI, KO etc.)

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Species:House mouse\*

Background:C57/BL6\*

Sex:Male\*

Source:Harlan\*

Animal type:B. Transgeen dier\*

Genotype:

Gene(s):

2 items selected	Remove all		Add all
‡ Cry1 KO	–	‡ Cry2 KO	+
‡ Per1 KO	–	Per2 KO	+
		Per2::Luc KI	+
		APPSL	+
		AppSL ind	+
		APPSL/PS1-6.2	+
		ASM	+
		CB-R1-KO	+
		CB-R2-KO	+

Save gene(s)

Date of birth (if known):

Date of entry:23-02-2012\*

Responsible researcher:

Location (optional):Select an Option

Name:

Name prefix (may be empty):

Start numbering at:1


Number of animals to add:1\*

Add animal(s)


Bring in animals




Per geselecteerde gen-modificatie verschijnt er nu een regel waar u de “state” kunt opgeven voor die modificatie(homozygoot +/+ of -/-, heterozygoot +/-, wildtype etc.)



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Species:House mouse \*  
Background:C57/BL6 \*  
Sex:Male \*  
Source:Harlan \*  
Animal type:B. Transgeen dier \*  
Genotype:  
Gene(s):  
2 items selectedRemove allAdd all  
\$ Cry1 KO-+  
\$ Per1 KO-+  
Cry2 KO+  
Per2 KO+  
Per2::Luc KI+  
APPSL+  
AppSL ind+  
APPSL/PS1-6,2+  
ASM+  
Save gene(s)  
State for gene modification Cry1-/-  
KO:-/-  
State for gene modification Per1+/-  
KO:+/+  
Date of birth (if known):ntg  
Date of entry:wt  
Responsible researcher:unknown  
Location (optional):Select an Option  
Name:  
Name prefix (may be empty):  
Start numbering at:1  
Number of animals to add:1 \*  
Add animal(s)

Indien bekend, kunt u de geboortedatum van de nieuwe dieren opgeven. Klik in het veld achter 'Date of birth'; er verschijnt een datum-selectiebox. Gebruik de pijltjes of de dropdown-balkjes om naar de juiste maand en/of het juiste jaar te gaan. Klik op een datum om deze te selecteren. De binnenkomstdatum van de dieren ("Date of entry") is verplicht om op te geven en werkt ook op bovenstaande manier.

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Species: House mouse \*
Background: C57/BL6 \*
Sex: Male \*
Source: Harlan \*
Animal type: B. Transgeen dier \*
Genotype:
Gene(s):

2 items selected
Remove all
Add all

Cry1 KO
Per1 KO
Cry2 KO
Per2 KO
Per2::Luc KI
APPSL
AppSL ind
APPSL/PS1-6,2
ASM

Save gene(s)

State for gene modification Cry1 KO: -/-
State for gene modification Per1 KO: -/-
Date of birth (if known): 01-01-2012
Date of entry: Jan 2012
Responsible researcher:
Location (optional):
Name:
Name prefix (may be empty):
Start numbering at:
Number of animals to add:
Add animal(s)

Today
Clear
Done



Als u wilt, kunt u een naam intypen van de verantwoordelijke onderzoeker ("Responsible researcher").

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Bring in animals

Species: House mouse \*

Background: C57/BL6 \*

Sex: Male \*

Source: Harlan \*

Animal type: B. Transgeen dier \*

Genotype:

Gene(s):

2 items selected	Remove all		Add all
‡ Cry1 KO	-		+
‡ Per1 KO	-	Cry2 KO	+
		Per2 KO	+
		Per2::Luc KI	+
		APPSL	+
		AppSL ind	+
		APPSL/PS1-6.2	+
		ASM	+

\* Save gene(s)

State for gene modification Cry1 KO: -/-

State for gene modification Per1 KO: -/-

Date of birth (if known): 17-01-2012

Date of entry: 23-02-2012 \*

Responsible researcher: Uli Eisel Give the responsible researcher.

Location (optional): Select an Option

Name:

Name prefix (may be empty):

Start numbering at: 1

Number of animals to add: 1 \*

Add animal(s)

Optioneel kunt u de locatie opgeven waar de binnengekomen beesten gehuisvest zullen worden. Klik op de dropdown-balk achter 'Location'. Er verschijnt een lijst met locaties. U kunt hierin scrollen tot u de gewenste locatie ziet en deze aanklikken. Ook kunt u bovenaan in de balk (een deel van) de locatiernaam typen. De selectie van locaties wordt dan beperkt aan de hand van wat u hebt ingetypd. U typt bijvoorbeeld "0" en houdt dan nog alle locaties over die met "0" beginnen.

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Bring in animals

Species: House mouse  
 Background: C57/BL6  
 Sex: Male  
 Source: Harlan  
 Animal type: B. Transgeen dier  
 Genotype:

2 items selected		Remove all	Add all
↓ Cry1 KO	—		+
↓ Per1 KO	—		+
		Cry2 KO	+
		Per2 KO	+
		Per2::Luc KI	+
		APPSL	+
		AppSL ind	+
		APPSL/PS1-6.2	+
		ASM	+

Save gene(s)

State for gene modification Cry1: -/-  
 KO:  
 State for gene modification Per1: -/-  
 KO:  
 Date of birth (if known): 17-01-2012  
 Date of entry: 23-02-2012  
 Responsible researcher: Uli Eisel

Location (optional): Select an Option

Name: 0.  
 Name prefix (may be empty):  
 Start numbering at:  
 Number of animals to add:

Add animal(s)

Give the location of the new animal(s).

generated using the open source [MOLGENIS database generator](#)  
 Please cite [Swertz et al \(2010\)](#) or [Swertz & Jansen \(2007\)](#) on use.

Kies een voorvoegsel voor de namen van de dieren. Een diernaam in AnimalDB bestaat uit een voorvoegsel en een volgnummer van 6 cijfers. Het voorvoegsel kunt u zelf kiezen; de database past automatisch het eerste volgnummer daarop aan. De afspraak is om voor muizen altijd te kiezen voor “mm\_” (van *Mus musculus*). Als het laatst toegevoegde dier met voorvoegsel “mm\_” volgnummer 007842 had, dan zal AnimalDB bij het inbrengen het nummeren beginnen bij “mm\_007843”. Bij ‘Number of animals to add’ geeft u het aantal beesten op dat u met de opgegeven eigenschappen binnen wilt brengen. Denk erom dat de opgegeven eigenschappen, dus ook geslacht, voor al deze dieren gaan gelden! Als u dus 10 mannetjes en 10 vrouwtjes van Harlan wilt invoeren (met verder alle eigenschappen dezelfde), dan dient u dit in twee sessies te doen. Druk tot slot op ‘Add animal(s)’.


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Bring in animals


Species: House mouse \*
Background: C57/BL6 \*
Sex: Male \*
Source: Harlan \*
Animal type: B. Transgeen dier \*
Genotype:
Gene(s):
2 items selected Remove all Add all
Cry1 KO
Per1 KO
Cry2 KO
Per2 KO
Per2::Luc KI
APPSL
AppSL ind
APPSL/PS1-6.2
ASM
Save gene(s)
State for gene modification Cry1 KO: -/-
State for gene modification Per1 KO: -/-
Date of birth (if known): 17-01-2012
Date of entry: 23-02-2012 \*
Responsible researcher: Uli Eisel
Location (optional): 8.114
Name:
Name prefix (may be empty): mm\_
Start numbering at: 7843
Number of animals to add: 1
Add animal(s)

Bovenin ziet u een melding of het toevoegen goed (in groen) of fout (in rood) gegaan is. Het invoerscherm is weer teruggezet naar de beginwaarden.



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Species:

Select an Option

\*

Background:

Select an Option

\*

Sex:

Select an Option

\*

Source:

Select an Option

\*

Animal type:

Select an Option

\*

Date of birth (if known):

Date of entry:

23-02-2012

\*

Responsible researcher:

Location (optional):

Select an Option

Name:

Name prefix (may be empty):

Start numbering at:

1

Number of animals to add:

1

\*

Add animal(s)

Bring in animals

1 animal(s) successfully added