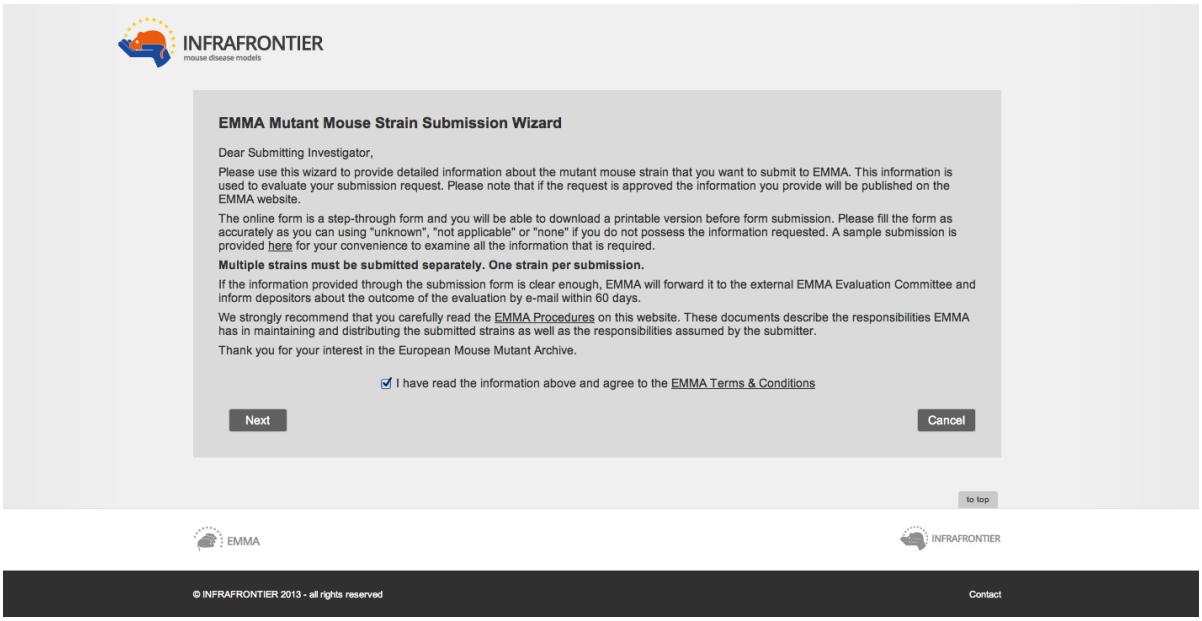
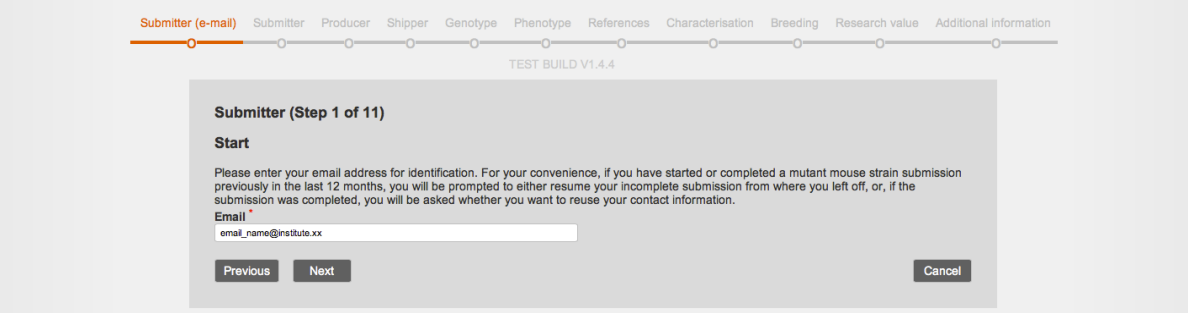
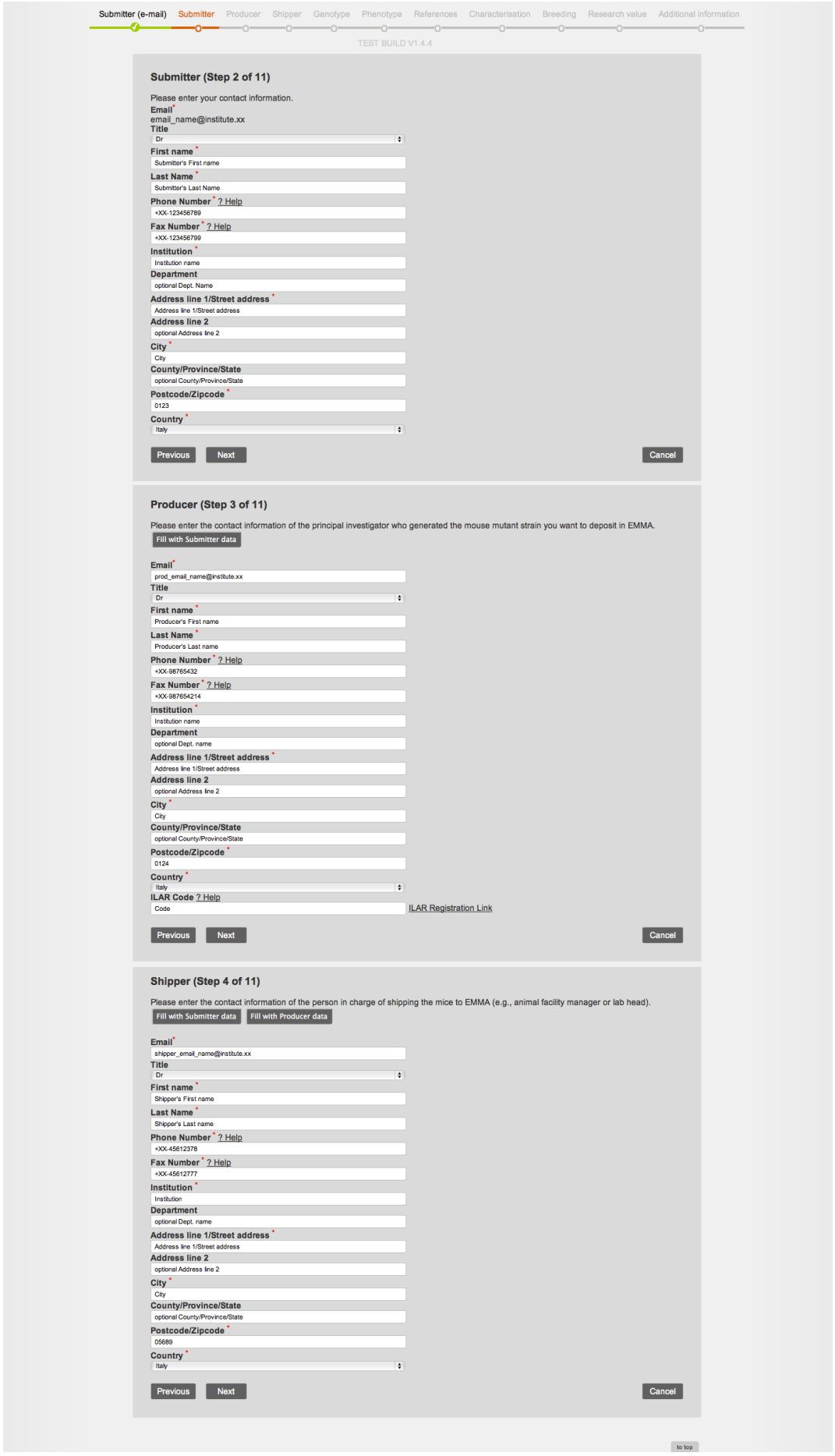
EMMA example submission






Submitter (e-mail) Submitter Producer Shipper Genotype Phenotype References Characterisation Breeding Research value Additional information
TEST BUILD V1.4.4
Submitter (Step 2 of 11)
Please enter your contact information.
Email*
email_name@institute.xx
Title
Dr
First name *
Submitter's First name
Last Name *
Submitter's Last Name
Phone Number * ? Help
+XX-123456789
Fax Number * ? Help
+XX-123456799
Institution *
Institution name
Department
optional Dept. Name
Address line 1/Street address *
Address line 1/Street address
Address line 2
optional Address line 2
City *
City
County/Province/State
optional County/Province/State
Postcode/Zipcode *
0123
Country *
Italy
Previous
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Cancel
Producer (Step 3 of 11)
Please enter the contact information of the principal investigator who generated the mouse mutant strain you want to deposit in EMMA.
Fill with Submitter data
Email*
prod_email_name@institute.xx
Title
Dr
First name *
Producer's First name
Last Name *
Producer's Last name
Phone Number * ? Help
+XX-98765432
Fax Number * ? Help
+XX-987654214
Institution *
Institution name
Department
optional Dept. name
Address line 1/Street address *
Address line 1/Street address
Address line 2
optional Address line 2
City *
City
County/Province/State
optional County/Province/State
Postcode/Zipcode *
0124
Country *
Italy
ILAR Code ? Help
Code
ILAR Registration Link
Previous
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Cancel
Shipper (Step 4 of 11)
Please enter the contact information of the person in charge of shipping the mice to EMMA (e.g., animal facility manager or lab head).
Fill with Submitter data
Fill with Producer data
Email*
shipper_email_name@institute.xx
Title
Dr
First name *
Shipper's First name
Last Name *
Shipper's Last name
Phone Number * ? Help
+XX-45612378
Fax Number * ? Help
+XX-45612777
Institution *
Institution
Department
optional Dept. name
Address line 1/Street address *
Address line 1/Street address
Address line 2
optional Address line 2
City *
City
County/Province/State
optional County/Province/State
Postcode/Zipcode *
05689
Country *
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Genotype (Step 5 of 11)

Please enter the genotype information of the mouse mutant strain you want to deposit in EMMA. A mutant strain is defined by its specific mutation(s) AND genetic background. Therefore, **strains with the same mutation(s) but different genetic backgrounds require distinct names and consequently separate submissions.**

For the definitions of terms see the IMSR glossary. For gene/allele symbols and identifiers please search MGI.

Strain name* ? Help

Your_strain_name

Genetic description* ? Help

In-frame insertion of a LacZ-PGK-neomycin resistance cassette replaced sequences that code for amino acids 2-116 of the Dll1 gene.

Current genetic background* ? Help

C57BL/6;129/Sv

Number of generations backcrossed ? Help

1

Number of generations sib-mated ? Help

20

Breeding history ? Help

The F1 animals were strictly intercrossed for at least 20 generations.

Mutation(s)

Type*

Targeted

Subtype*

Knock-out

Affected gene

Dll1

Affected allele

Dll1<tm1Gos>

Affected chromosome

17

Dominance pattern

Original genetic background ? Help

129/Sv

ES cell line used

R1

Clear mutation fields

Record this mutation You can add 9 more mutations.

Mutations for Submission

Original Background	Mutation Type	Mutation Subtype	Dominance Pattern	Affected Gene	Action
129/Sv	TM	KO		Dll1	Edit Remove

V1.4.5

Phenotype (Step 6 of 11)

Please enter the phenotype information of the mouse mutant strain you want to deposit in EMMA.

Phenotypic description of homozygous mice* ? Help

In Dll1-deficient mouse embryos, a primary metameric pattern is established in mesoderm, and cytodifferentiation is apparently normal, but the segments have no cranio-caudal polarity, and no epithelial somites form. Caudal sclerotome halves do not condense, and the pattern of spinal ganglia and nerves is perturbed, indicating loss of segment polarity. Myoblasts span segment borders, demonstrating that these borders are not maintained.

Phenotypic description of heterozygous/hemizygous mice* ? Help

---

Previous Next Cancel

References (Step 7 of 11)

If the mouse mutant strain you want to deposit in EMMA has been published, please enter the bibliographic information of one or more related publications. For the PubMed ID please search PubMed, a bibliographic database of biomedical articles.

Has this mouse mutant strain been published or accepted for publication?*

- (•) Yes (please enter bibliographic information below)
- ( ) Accepted (please enter bibliographic information below)
- ( ) No
- ( ) Not known

Reference

Short description* ? Help

Description of the mutant phenotype

PubMed ID (if available, if not just complete the fields below.)

9109488

(Fields auto populated from PubMed using PubMed ID digits only. Leave PubMed ID field to initiate)

Title

Maintenance of somite borders in mice requires the Delta homologue Dll1.

Authors

Hrabě de Angelis M, McIntyre J 2nd, Gossler A

Journal/Book*

Nature

Year*

1997

Volume

386

Pages*

717-721

Clear input fields

Record this reference You can add 10 more references.

References (Step 7 of 11)

If the mouse mutant strain you want to deposit in EMMA has been published, please enter the bibliographic information of one or more related publications. For the PubMed ID please search PubMed, a bibliographic database of biomedical articles.

Has this mouse mutant strain been published or accepted for publication?*

- ( ) Yes (please enter bibliographic information below)
- ( ) Accepted (please enter bibliographic information below)
- (•) No
- ( ) Not known

Record this reference You can add 9 more references.

Bibliographic references for Submission

Pubmed ID	Title	Author	Journal/Year/Volume /Pages	Action
9109488	Maintenance of somite bor...	Hrabě de Angelis M, McIntyre J 2nd, Gossler A	Nature / 1997 / 386 / 717-721	Edit Remove

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Characterisation (Step 8 of 11)

Please enter information on how you characterise the mouse strain you want to deposit in EMMA.

By genotyping ? Help

Genotyping protocol details: PCR primers, conditions, etc.

Upload as attachment

By phenotyping ? Help

NA

Upload as attachment

By any other means that are not genotyping or phenotyping

NA

Upload as attachment

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Breeding (Step 9 of 11)

Fertility and reproduction statistics, husbandry requirements and sanitary status of the mutant mouse strain you want to deposit in EMMA.
Please note that only few of the fields on this page are mandatory. However, if detailed information is available, EMMA would appreciate if you enter as much data as possible.

Are homozygous mice viable?*
- ○ Yes
- ◉ No
- ○ Only males
- ○ Only females
- ○ Not known

Are homozygous mice fertile?*
- ○ Yes
- ◉ No
- ○ Only males
- ○ Only females
- ○ Not known

Are heterozygous/hemizygous mice fertile?*
- ◉ Yes
- ○ No
- ○ Only males
- ○ Only females
- ○ Not known

Are homozygous matings required?*
- ○ Yes (please explain below)
- ◉ No
- ○ Not known

Average age of reproductive maturity (weeks)
Please select..

Average age of reproductive decline (months)
Please select..

Average length of gestation (days)
Please select..

Average number of pups at birth
Please select..

Average number of pups surviving to weaning
Please select..

Recommended weaning age (days)

Average number of litters in lifetime
Please select..

Breeding performance
Please select..

Husbandry requirements ? Help
no specific requirements

Are mice immunocompromised?*
- ○ Yes
- ◉ No
- ○ Not Known

Sanitary status
conventional

Upload as attachment

Animal welfare ? Help http://www.mousewelfareterms.org/

Remedial actions ? Help

Previous Next Cancel

Research value (Step 10 of 11)

Does this strain model a human condition or disease?* ? Help

- ○ Yes (please explain below)
- ◉ No
- ○ Not known

Research areas ? Help

To select multiple options:- For windows: Hold down the control (ctrl) button For Mac: Hold down the command button

Dermatology
Dermatology, Immunology, Cancer, Cell Biology
Developmental Biology
Developmental Biologyy
Diabetes/Obesity

Other research areas

Research tools

To select multiple options:- For windows: Hold down the control (ctrl) button For Mac: Hold down the command button

Please select..
Cre recombinase expressing strain (Cre)
Strain with loxP-flanked sequences (loxP)
FLP recombinase expressing strain (FLP)

Previous Next Cancel

Additional information (Step 11 of 11)

How many requests for this strain have you received in the last 6 months?*

1

Is this strain being deposited with any other institution or company intending to make it available for distribution?*

- ○ Yes (please explain below)
- ◉ No
- ○ Not known

Are other laboratories producing similar strains?*

- ○ Yes
- ○ No
- ◉ Not known

Are there any intellectual property rights or patented technologies linked to this strain?*

- ◉ Yes (please explain below)
- ○ No
- ○ Not known

Submitter_Institution's MTA

Is the producer the exclusive owner of this strain*

- ◉ Yes
- ○ No (please list names of additional owners with affiliation and e-mail address below)
- ○ Not known

Do you have permission from all owners to deposit this strain in the EMMA repository?*

- ◉ Yes
- ○ No (please explain below)
- ○ Not known

Do you require delayed release for this strain?*

- ○ Yes (please explain below)
- ◉ No
- ○ Not known

How many mice of breeding age could you provide and when?
Mice of breeding age must be provided. Minimum of 5 females and 5 males for freezing as homozygotes. Minimum of 5 males for freezing as heterozygotes.
Provision of more mice than the specified minimum will considerably accelerate the freezing process

Month: 1 **Year**: 2014

Males: 2 **Females**: 1

Additional materials of interest (you can upload up to five attachments)
Upload attachment

Previous | Submit | Cancel