

MOUSE PASSPORT

PLEASE SEND COPIES OF THIS FORM TO RELEVANT PERSONNEL IN ADVANCE OF SHIPMENT **AND** WITH THE MICE. *See guidance notes for help with completion.*

1.	Exact nomenclature	
2.	Background strain	
3.	Number of backcross generations	
4.	Details of modification Include: type of modification (if microinjection include copy number where known), gene affected, inheritance pattern	
5.	References and websites (where applicable)	
6.	Contact Name (at exporting facility)	
7.	Address	
8.	Email	
9.	Where did the strain originate?	
10.	Genotyping method (please attach protocol) Send control DNA if possible	
11.	Immune status	
Summary of husbandry and welfare issues		
12.	General appearance (include photograph if appropriate)	
	• Coat colour	
	• Any physical abnormalities?	

	<ul style="list-style-type: none"> Is any remedial action necessary? 		
13.	Behavioural traits E.g. aggression, tremor, over-grooming etc.		
	Is any remedial action necessary?		
14.	Other abnormalities: Include post mortem findings		
15.	Was a structured welfare assessment carried out for the period that adults are normally maintained? If 'yes' how long was this?		
16.	Husbandry recommendations:		
	<ul style="list-style-type: none"> What diet are the mice fed on? 		
	<ul style="list-style-type: none"> Housing system e.g. IVCs 		
	<ul style="list-style-type: none"> Environmental enrichments 		
17.	What is the current breeding strategy?		
	Average litter size	Pre/post-weaning mortality	Breeding life-span
18.	Growth rate (attach/include data if available)		
19.	Have specific phenotypic tests been performed? (please attach results)	Yes	No

Passport last updated: _____ (name and date)

Passport Guidance Notes

The mouse passport is intended to provide husbandry and welfare information for establishments receiving genetically altered mice. The passport does not replace any requirements for Home Office permission for Movement, Defra import licences or Health Certification.

The passport is provided for information and guidance and the originating establishment accepts no liability arising from the use of information provided in this document.

1. Details of correct strain nomenclature can be found at www.jax.org/jaxmice
2. Details of the original genetic background should be given.
3. Details of any subsequent breeding should be given.
4. Please give details of the transgene (and, where known, copy number if generated by pronuclear microinjection or random integration) or targeting construct and ES cell details. *If mice are genetic mutants, give details of the nature of the mutation and whether original mice were spontaneous or induced mutants.*
5. Please give details of any publications or websites that deal specifically with the strain. If substantial information is available please give the most comprehensive or recent reference
6. Name of primary contact (e.g. facility manager, Home Office project licence holder)
7. Address of originating establishment
8. Email address of primary contact
9. This should refer to the originator of the GA mice and the contact details in order to obtain permission to use the mice. Details should include where and when the mouse was generated.
10. Please give details of the genotyping procedure. Is screening by Southern Blotting, PCR, ELISA, physical appearance or phenotypic expression? Please attach a protocol for the screening method.
11. Any known microbiological contamination? Include any information on what microorganisms were included in the screen, the length of time between each screen and the method used (e.g. sentinels or littermates).
12. General appearance should include details such as the range of coat colours to be expected, coat condition and texture (e.g. downy or fine), any problems with hair growth, any physical abnormalities (e.g. shortened tails, extra digits, shortened face, obesity, overgrown or under developed teeth). Body weight at different ages and growth rate information should be given, where available.
13. Any abnormal behavioural patterns should be noted (e.g. posture, movement, circling, tremors, aggression, submissive, over-grooming).
14. Any other abnormalities should be included.
15. Welfare assessments should be carried out for the period that adults are normally maintained for that particular line, and the limit to this should be noted.
16. Details should be provided of husbandry advice including any special precautions that should be taken. Points to consider include:
 - What containment category does the animal fall into (1-4)?
 - Are the mice immunosuppressed?
 - What is the most appropriate housing system? For example, conventional housing, I.V.C, isolators, containment or quarantine.
 - Type of consumables required i.e. fibre-free diet, atherogenic diet, powdered diet, irradiated, autoclaved (please state consumable supplier).
 - Are any dietary supplements required i.e.: Lectade rehydration therapy? Please provide a reason as to why this may be necessary.
 - The type of bedding and / or nesting materials required.
 - Any environmental enrichment devices found to be useful or inappropriate.
 - Provide current environmental parameters including temperature, humidity and photoperiod. This is especially important if conditions differ from Home Office guidelines.

- 17.** Breeding recommendations. It is important to state which animals (male, female, all) carry the relevant transgene for breeding and welfare purposes. The transgenic status of the breeding colony should be stated i.e. homozygous or heterozygous. Details of system used to breed mice and any comments relating to breeding management (e.g. age for first mating, pairs or harems, inbred or outbred, etc.). Also include average litter size, average number born live / dead, pre and post-weaning losses.
- 18.** Where available body weight at different ages and growth rate information should be given.
- 19.** Specific phenotypic tests include post mortem data, histology and any other analyses performed on the mice. Please give references if applicable.