Mandatory Annual Reporting (MAR) Specific Ages and Genotypes

Contents

Glossary

Disposition = Reason for Death (Fate)

Protocol = Ethics

Master Protocol = Approval of Application for Breeding/Research/Teaching using Laboratory Animals that encompasses all Protocol Allocations for a given range of dates.

Protocol Allocation = an allocated approval number for specific strain and or species of animal within the Master Protocol.

Background

This document is to assist researchers in gathering specific information from the Mosaic database to assist with their Mandatory Annual Reports. This workflow should only be used when AGE or GENOTYPE breakdown is required for reporting.

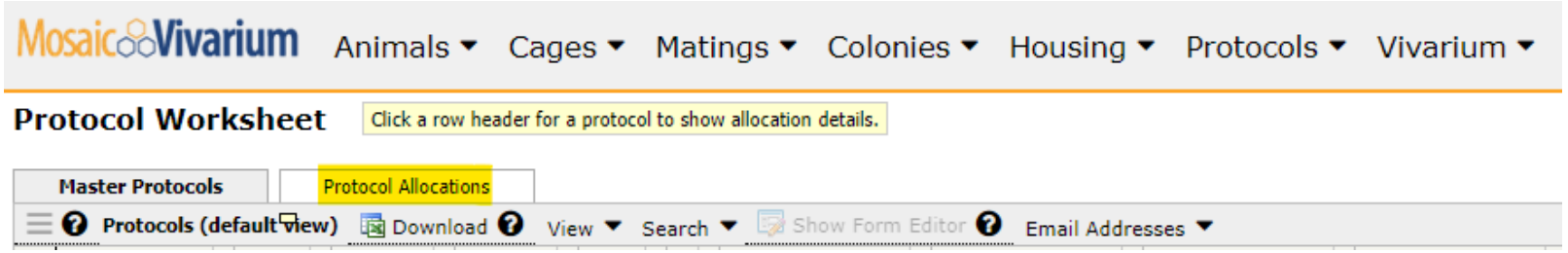
Please use the "MAR Reporting within Mosaic" via the Animal Census Report FIRST to obtain your BREED and CULL numbers, and then refer to this document "MAR Reporting Specific Ages and Genotypes" via the Protocol Worksheet for a workflow to obtain specific age and genotype breakdowns.

If your numbers for a strain do not match (total number obtained via this Animal Census versus Currently Assigned via the Protocol Worksheet) you may have animals that are/were currently housed within UQBR Colonies (Training/Sentinel/TASQ etc). These animals still need to be reported.
Please contact the relevant Animal Facility to discuss this further.

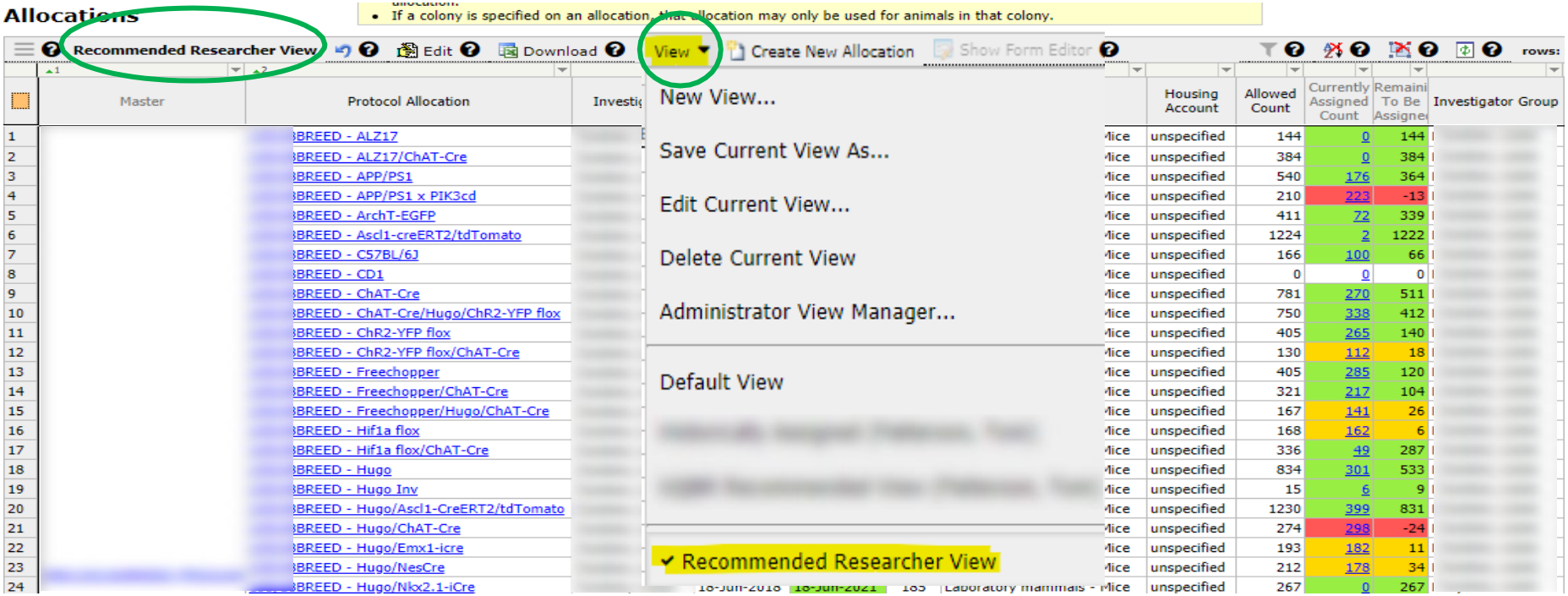
Finding your Protocol Records

Navigate to the Protocol worksheet by using the drop-down menu under the Heading Protocols. You will only be shown Protocols that belong to you or your Group. If any Protocols are missing from your view, please contact the Database Administrator to check your Personnel File is up to date.

Once the Protocol Worksheet loads your default view will be the "Master Protocols" tab. Please select the "Protocol Allocations" Tab.



From the header under the Protocol Allocations tab, click on View and choose the Recommended Researcher View from the menu.



Allocations

- If a colony is specified on an allocation, that allocation may only be used for animals in that colony.

Recommended Researcher View | Edit | Download | View | Create New Allocation | Show Form Editor

	Master	Protocol Allocation	Approval Date	Expiration Date	Days Until Expiratio	Species	Housing Account	Allowed Count	Currently Assigned Count	Remaining To Be Assigned
1		BREED - ALZ17	20-Dec-2019	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	144	0	144
2		BREED - ALZ17/ChAT-Cre	20-Dec-2019	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	384	0	384
3		BREED - APP/PS1	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	540	176	364
4		BREED - APP/PS1 x PIK3cd	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	210	223	-13
5		BREED - ArchT-EGFP	21-Dec-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	411	72	339
6		BREED - Ascl1-creERT2/tdTomato	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	1224	2	1222
7		BREED - C57BL/6J	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	166	100	66
8		BREED - CD1	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	0	0	0
9		BREED - ChAT-Cre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	781	270	511
10		BREED - ChAT-Cre/Hugo/ChR2-YFP flox	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	750	338	412
11		BREED - ChR2-YFP flox	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	405	265	140
12		BREED - ChR2-YFP flox/ChAT-Cre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	130	112	18
13		BREED - Freechopper	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	405	285	120
14		BREED - Freechopper/ChAT-Cre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	321	217	104
15		BREED - Freechopper/Hugo/ChAT-Cre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	167	141	26
16		BREED - Hif1a flox	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	168	162	6
17		BREED - Hif1a flox/ChAT-Cre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	336	49	287
18		BREED - Hugo	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	834	301	533
19		BREED - Hugo Inv	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	15	6	9
20		BREED - Hugo/Ascl1-CreERT2/tdTomato	18-Jun-2018	16-Jun-2021	183	Laboratory mammals - Mice	unspecified	1230	399	831
21		BREED - Hugo/ChAT-Cre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	274	298	-24
22		BREED - Hugo/Emx1-icre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	193	182	11
23		BREED - Hugo/NesCre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	212	178	34
24		BREED - Hugo/Nkx2.1-iCre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	267	0	267
25		BREED - Hugo/Tis21-GFP	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	432	329	103
26		BREED - NestinCre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	20	0	20
27		BREED - Nkx2.1-icre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	263	234	29
28		BREED - P75-GVP	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	420	172	248
29		BREED - P75NGlycos KI/Hugo/ChAT-Cre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	726	59	667
30		BREED - RC3 CR	25-Mar-2020	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	3	0	3
31		BREED - Tis21-GFP	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	408	0	408
32		BREED - TrkB flox	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	150	76	74
33		BREED - p75NGlycos KI CR	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	405	238	167
34		BREED -Hugo/Tis21-GFP	24-Aug-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	0	0	0
35		BREED- APP/PS1 x PIK3cd	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	0	0	0
36		BREED- ChAT-Cre/Hugo/ChR2-YFP flox	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	0	0	0
37		BREED- ChR2-YFP flox	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	0	0	0
38		BREED- ChR2-YFP flox/ChAT-Cre	18-Jun-2018	18-Jun-2021	185	Laboratory mammals - Mice	unspecified	0	0	0

Allowed Count = TOTAL Approval numbers granted/per strain (includes any breakdown of strain)

Currently Assigned = Animals that currently have this Protocol attached to them – dead and alive

Remaining to be assigned = Allowed count minus Currently Assigned Count

Yellow means you are getting close to your allowed numbers

Green is good

Red means you are in overuse

Please ignore these. No animals have been counted. This is historical data from Genotrack that we cannot delete.

If you do see a number other than zero in the Currently Assigned Count column of this section, please notify the Database Administrator ASAP.

To view your animals for each strain, click on the hyperlink of the currently assigned count. Example shown.

Master Protocols | **Protocol Allocations**

Recommended Researcher View | Edit | Download | View | Search | Data | Notifications | Show Form Editor | search: [last search]

	Master	Protocol Allocation	Investigator	Approval Date	Expiration Date	Days Until Expiratic	Species	Housing Account	Allowed Count	Currently Assigned Count	Remaini To Be Assigne
14		BREED - Freechopper/ChAT-Cre		18-Jun-2018	18-Jun-2021	154	Laboratory mammals - Mice	unspecifie	373	215	158
15		BREED - Freechopper/Hugo/ChAT-Cre		18-Jun-2018	18-Jun-2021	154	Laboratory mammals - Mice	unspecifie	167	141	26
16		BREED - Hif1a flox		18-Jun-2018	18-Jun-2021	154	Laboratory mammals - Mice	unspecifie	168	177	-9
17		BREED - Hif1a flox/ChAT-Cre		18-Jun-2018	18-Jun-2021	154	Laboratory mammals - Mice	unspecifie	336	49	
18		BREED - Hugo		18-Jun-2018	18-Jun-2021	154	Laboratory mammals - Mice	unspecifie	834	310	524
19		BREED - Hugo Inv		18-Jun-2018	18-Jun-2021	154	Laboratory mammals - Mice	unspecifie	15	6	9
20		BREED - Hugo/Ascl1-CreERT2/tdTomato		18-Jun-2018	16-Jun-2021	152	Laboratory mammals - Mice	unspecifie	1230	422	808

Click on the blue hyperlink to view all animals currently assigned to "Hif1a flox/ChAT-Cre" strain allocation

—Mosaic will now take you to an Animal Worksheet that show ONLY this strain's animals on this Protocol. Click on "View" and ensure you are in the "Recommended Researcher View-Allocations" view. These include dead animals. This is just a snip of the total results.

Animal Worksheet colony show all -- all colonies -- show genotypes combined genotype filter -- none -- include dead disable assigned to protocols filter

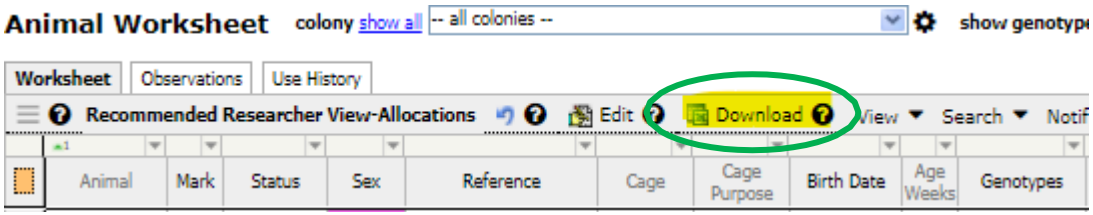
Worksheet | Observations | Use History

Recommended Researcher View-Allocations | Edit | Download | View | Search | Notifications | Euthanize | Sample

	Animal	Mark	Status	Mating Count	Disposition	Disposition Date	Sex	Reference	Cage	Cage Purpose	Birth Date	Age Days	Genotypes	Allocated To	Building	Room	Colony Number	Colony Species	Colony Official Strain Name	Colony Investigator	Protocol
1	ANI1664947	1	Available	0	unspecified		female	QB300.1.1	007596	holding	18-May-2020	242	WT/WT | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
2	ANI1664948	2	Available	0	unspecified		female	QB300.1.2	007596	holding	18-May-2020	242	WT/Flox | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
3	ANI1664949	3	Available	0	unspecified		female	QB300.1.3	007596	holding	18-May-2020	242	WT/WT | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
4	ANI1664950	4	Available	0	unspecified		female	QB300.1.4	007596	holding	18-May-2020	242	WT/Flox | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
5	ANI1664951	5	Available	0	unspecified		female	QB300.1.5	007594	holding	18-May-2020	242	WT/Flox | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
6	ANI1664952	6	Available	0	unspecified		female	QB300.1.6	007594	holding	18-May-2020	242	WT/Flox | unsp		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
7	ANI1664953	7	Available	0	unspecified		male	QB300.1.7	019087	holding	18-May-2020	242	WT/WT | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
8	ANI1664954	8	Available	0	unspecified		male	QB300.1.8	007595	holding	18-May-2020	242	WT/Flox | unsp		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
9	ANI1664955	9	Available	0	unspecified		male	QB300.1.9	007595	holding	18-May-2020	242	WT/Flox | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
10	ANI1664960	14	Available	0	unspecified		female	QB301.1.5	007591	holding	18-May-2020	242	WT/Flox | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
11	ANI1664961	15	Available	0	unspecified		female	QB301.1.6	007593	holding	18-May-2020	242	WT/WT | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
12	ANI1664962	16	Available	0	unspecified		female	QB301.1.7	007593	holding	18-May-2020	242	WT/WT | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
13	ANI1664963	17	Available	0	unspecified		female	QB301.1.8	007593	holding	18-May-2020	242	WT/Flox | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
14	ANI1664964	18	Available	0	unspecified		female	QB301.1.9	007593	holding	18-May-2020	242	WT/Flox | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
15	ANI1664965	19	Available	0	unspecified		female	QB301.1.10	007593	holding	18-May-2020	242	WT/Flox | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
16	ANI1664966	20	Available	0	unspecified		male	QB301.1.11	007592	holding	18-May-2020	242	WT/WT | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
17	ANI1664967	21	Available	0	unspecified		male	QB301.1.12	007592	holding	18-May-2020	242	WT/Flox | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
18	ANI1664968	22	Available	0	unspecified		male	QB301.1.13	007592	holding	18-May-2020	242	WT/WT | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
19	ANI1664969	23	Available	0	unspecified		male	QB301.1.14	007592	holding	18-May-2020	242	WT/Flox | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre
20	ANI1664970	24	Available	0	unspecified		male	QB301.1.15	007592	holding	18-May-2020	242	WT/WT | KI/WT		QBI #79	207	9870	Laborator	B6.129-Hif1atn		BREED - Hif1a flox/ChAT-Cre

Establishing your View for Filtering

It is recommended you do not use any filtering functions on this page as some filters are set by the developers of Mosaic Database. Instead, click the Download button on your header row. This will place all these animals into an excel spreadsheet for you.



From the excel spreadsheet, you can re-organise and filter the various columns to your liking.

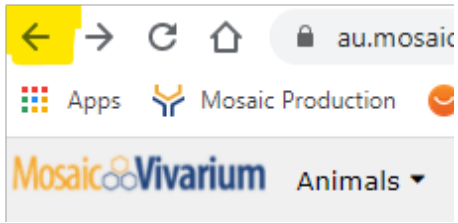
Reporting Specific Ages

If you are required to report on the age of your animals, please filter the Age in Days column to show the age they died. You are able to compare the Age in Days with the "Birth Date" to determine which category they fall in for MAR reporting. You will need to manually add up these numbers. Please refer to the table at the end of this document for Age ranges.

Reporting Specific Genotypes

If you require to report on specific genotypes based on your AEC breakdown, please filter the Genotypes column. The Mutations column will assist you in determining which Genotype expression matches which mutation. You will need to manually add up these numbers.

To return to your Protocol Allocation page, click on the back arrow in the top left-hand corner of your screen. You may need to filter your Protocol number again. You can then repeat these steps for each strain and place them into your excel spreadsheet for viewing and filtering.



Considerations

It is advised you use the Recommended Views created for Researchers as these will become important for when you require e-mail Notifications (future feature under development) to be issued. Altering your views may inadvertently hide information that you may need or add unnecessary information that you do not need.

A Breeding Protocol can go into overuse as extra animals may not have yet been allocated for any experiments. Once allocated they would then be changed to your experimental protocol and not show on this page. This may be a good time to check your approval numbers and usage for experiments.
Mosaic has a sensitive quality control standard that prevents back-dating death dates. To allow records to be updated correctly, some animals may have the correct death date shown in the "Daily Obs" Column. Please check for these on your spreadsheet.

If your numbers for a strain do not match (total number obtained via this Animal Census versus Currently Assigned via the Protocol Worksheet) you may have animals that are/were currently housed within UQBR Colonies (Training/Sentinel/TASQ etc). These animals still need to be reported.
Please contact the relevant Animal Facility to discuss this further.

Rodent Age Classification

Embryo	E0.5 (Plug date) to Pre-birth	
Neonate	P0.5 to P9	Future classification for 'Juvenile' will incorporate the Neonate age range
Juvenile	P10 to P20	
Adult	P21 onwards	

Help

For queries or discrepancies relating to the generated numbers for each Protocol Allocation recorded against an animal, please contact the relevant Animal House and supply them with the specific colony and animal details for further investigation. The Database Administrator cannot assist in these matters.

For queries relating to specific wording or definitions within the MAR reporting forms, please contact the Animal Ethics Committee relevant to your project.

For queries on TOTAL approved allowed counts, please send details of the concern and a recent Approval Certificate to the Database Administrator at:
br.database@uq.edu.au