

## Queensland Brain Institute Research Animal Facility (QBI)

The QBI animal facility comprises of QBI ultrasound and behavioural testing, core services as well as rodent holding and surgical rooms. All animals are supplied by AIBN or facilities of equivalent health status ensuring that the animals are of the highest health specification possible.

Room/Location	207, 208, 227, 228	209	229	230	A424	A419, C205
<b>Species</b>	Mouse					Rats
<b>Cage/tank/housing system (type and dimensions)</b>	OptiMouse standard caging system: 34.3cm L, 29.2cm W, 15.5cm H					IVC - GR1800 46.2cm L, 40.3cm W, 40.4cm H
<b>Cage floor area</b>	484cm <sup>2</sup>					1800cm <sup>2</sup>
<b>Food</b>	Autoclaved Speciality Feeds Rat and Mouse cubes (SF00-100) Autoclaved Specialty Feeds Aged Rat and Mouse cubes					
<b>Water</b>	RO Water					
<b>Additional food enrichment or supplements</b>	Autoclaved black sunflower seeds Milk Powder Autoclaved chalk Wooden chew sticks Soaked wet diet for weaners for 1 week and any non thriving mice.					
<b>Bedding</b>	Pura Chip Aspen Fine Sani Chips- Biological Associates					
<b>Nesting material</b>	Autoclaved facial tissue and Enviro-dri- Biological Associates					
<b>Additional nesting/home cage enrichment</b>	Red or yellow house/tunnel or cardboard house/tunnel					
<b>Temperature and humidity parametres</b>	18°C - 24°C (30%-70% RH)					
<b>Sanitation (frequency of cage/tank water changes, material transferred, water quality)</b>	Mouse Cages - 14 days, Rat Cages 7 days : Water - 7days, unless required sooner (ie: Flooded cage)					
<b>Social environment (group size and composition/stocking density)</b>	< 5 / cage					
<b>Biosecurity (level)</b>	PC2					
<b>Lighting (type, schedule and intensity)</b>	12 L : 12 D 80% intensity					

\* IVC = Tecniplast Greenline Individual Ventilated Cage