

# Brain Histopathology MGP\_BHP\_001

## Purpose

To perform a histopathological examination of the brain (striatal, hippocampal and/or cerebellar sections) and to record abnormal findings.

To perform a histopathology examination and annotation on a standard list of parameters of the brain (striatal, hippocampal and/or cerebellar sections).

## Experimental Design

Number of mutant animals: 2-3 mutant males

Typical age at experiment 6-16 weeks. Mutants are compared to wildtype mice of the same age

## Procedure

1. Collect and weigh the brains.
2. Drop fix in PFA or 10% Neutral Buffered Formalin and ship weekly.
3. Trim the brain producing 3 chunks per brain for the 3 brain areas.
4. Place each brain area on its corresponding cassette and incubate at room temperature in 70% alcohol.
5. Place cassettes onto tissue processor for 18hr 30min for dehydration with alcohol, replacement with solvent and incubation with paraffin.
6. Properly embed the brain chunks in paraffin onto the sectioning cassettes.
7. Section each brain area to obtain the 4 critical 5um sections per area to be placed on slides.
8. Store the slides in a slide box without a lid to dry overnight at 37°C in an incubator.
9. Double stain the slides with nissl-luxol and coverslip.
10. Select the best critical section for each area and scan on a Hamamatsu.
11. Analyse and record the standard list of parameters for each brain area.
12. QC data.
13. Deblind, group by genotype and perform statistical analysis.
14. Upload and annotate images in Centre-specific database using the standardized IMPC Gross Pathology ontology:
  - i. MA ontology terms for location/topography
  - ii. MP ontology terms for large/small/abnormal
15. Record all abnormal findings in a Center-specific database using the standardized IMPC Gross Pathology ontology:
  - i. MA ontology terms for location/topography
  - ii. MP ontology terms for large/small/abnormal

## Parameters and Metadata

**Striatal Section** MGP\_BHP\_001\_001 | v1.0

seriesMediaParameter

Req. Analysis: false                      Req. Upload: false                      Is Annotated: false

Description: striatal\_section

Increments: Minimum 1

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**Total Striatum Brain Area** MGP\_BHP\_002\_001 | v1.0

simpleParameter

Req. Analysis: false                      Req. Upload: false                      Is Annotated: true

Unit Measured: cm2

Description: total\_striatum\_brain\_area

---

**Lateral Ventricles, Striatum, Left** MGP\_BHP\_003\_001 | v1.0

simpleParameter

Req. Analysis: false                      Req. Upload: false                      Is Annotated: true

Unit Measured: cm2

Description: lateral\_ventricles\_striatum\_left

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**Lateral Ventricles, Striatum, Right** MGP\_BHP\_004\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: lateral\_ventricles\_striatum\_right

---

**Cingulate Cortex, Left** MGP\_BHP\_005\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: cingulate\_cortex\_left

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**Cingulate Cortex, Right** MGP\_BHP\_006\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: cingulate\_cortex\_right

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# Cingulate Cortex, Width, Left MGP\_BHP\_007\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm

Description: cingulate\_cortex\_width\_left

---

# Cingulate Cortex, Width, Right MGP\_BHP\_008\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm

Description: cingulate\_cortex\_width\_right

---

# Cingulate Cortex, Height MGP\_BHP\_009\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm

Description: cingulate\_cortex\_height

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## Genu of the Corpus Callosum MGP\_BHP\_010\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: genu\_of\_the\_corpus\_callosum

---

## Genu of the Corpus Callosum, Width, Top MGP\_BHP\_011\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm

Description: genu\_of\_the\_corpus\_callosum\_width\_top

---

## Genu of the Corpus Callosum, Width, Bottom MGP\_BHP\_012\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm

**Description:** genu\_of\_the\_corpus\_callosum\_width\_bottom

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## **Genu of the Corpus Callosum, Height** MGP\_BHP\_013\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** genu\_of\_the\_corpus\_callosum\_height

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## **Caudate Putamen, Left** MGP\_BHP\_014\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** caudate\_putamen\_left

---

## **Caudate Putamen, Right** MGP\_BHP\_015\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** caudate\_putamen\_right

---

**Anterior Commissure, Anterior Part, Left** MGP\_BHP\_016\_001 | v1.0

simpleParameter

**Req. Analysis:** false      **Req. Upload:** false      **Is Annotated:** true

**Unit Measured:** cm2

**Description:** anterior\_commissure\_anterior\_part\_left

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**Anterior Commissure, Anterior Part, Right** MGP\_BHP\_017\_001 | v1.0

simpleParameter

**Req. Analysis:** false      **Req. Upload:** false      **Is Annotated:** true

**Unit Measured:** cm2

**Description:** anterior\_commissure\_anterior\_part\_right

---

**Piriform Cortex, Striatum, Left** MGP\_BHP\_018\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** piriform\_cortex\_striatum\_left

---

## **Piriform Cortex, Striatum, Right** MGP\_BHP\_019\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** piriform\_cortex\_striatum\_right

---

## **Primary Motor Cortex, Striatum, Left** MGP\_BHP\_020\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** primary\_motor\_cortex\_striatum\_left

---

## **Primary Motor Cortex, Striatum, Right** MGP\_BHP\_021\_001 | v1.0

simpleParameter



**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** primary\_motor\_cortex\_striatum\_right

---

**Secondary Somatosensory Cortex, Striatum, Left** MGP\_BHP\_022\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** secondary\_somatosensory\_cortex\_striatum\_left

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**Secondary Somatosensory Cortex, Striatum, Right** MGP\_BP\_023\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** secondary\_somatosensory\_cortex\_striatum\_right

---

# Hippocampal section MGP\_BHP\_024\_001 | v1.0

seriesMediaParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: hippocampal\_section

Increments: Minimum 1

---

# Total Hippocampus Brain Area MGP\_BHP\_025\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: total\_hippocampus\_brain\_area

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# Lateral Ventricles, Hippocampus, Left MGP\_BHP\_026\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: lateral\_ventricles\_hippocampus\_left

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# Lateral Ventricles, Hippocampus, Right MGP\_BHP\_027\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: lateral\_ventricles\_hippocampus\_right

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# Dorsal Third Ventricle MGP\_BHP\_028\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: dorsal\_third\_ventricle

---

# Retrosplenial Granular Cortex, C Region, Left MGP\_BHP\_029\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: retrosplenial\_granular\_cortex\_c\_region\_left

---

**Retrosplenial Granular Cortex, C Region, Right** MGP\_BHP\_030\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: retrosplenial\_granular\_cortex\_c\_region\_right

---

**Retrosplenial Granular Cortex, C Region, Width, Left** MGP\_HP\_031\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm

Description: retrosplenial\_granular\_cortex\_c\_region\_width\_left

---

**Retrosplenial Granular Cortex, C Region, Width, Right** MGP\_BHP\_032\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm

**Description:** retrosplenial\_granular\_cortex\_c\_region\_width\_right

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**Retrosplenial Granular Cortex, C Region, Height** MGP\_BHP\_033\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** retrosplenial\_granular\_cortex\_c\_region\_height

---

**Corpus Callosum** MGP\_BHP\_034\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** corpus\_callosum

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**Corpus Callosum, Width** MGP\_BHP\_035\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** corpus\_callosum\_width

---

**Corpus Callosum, Height** MGP\_BHP\_036\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** corpus\_callosum\_height

---

**Dorsal Hippocampal Commissure** MGP\_BHP\_037\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** dorsal\_hippocampal\_commissure

---

**Hippocampus** MGP\_BHP\_038\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** hippocampus

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**Total Internal Length of Pyramidal Cells** MGP\_BHP\_039\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** total\_internal\_length\_of\_pyramidal\_cells

---

**Dentate Gyrus, Left** MGP\_BHP\_040\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** dentate\_gyrus\_left

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**Dentate Gyrus, Right** MGP\_BHP\_041\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** dentate\_gyrus\_right

---

**Molecular Layer of the Hippocampus, Left** MGP\_BHP\_042\_001 |  
v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** molecular\_layer\_of\_the\_hippocampus\_left

---

**Molecular Layer of the Hippocampus, Right** MGP\_BHP\_043\_001  
| v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** molecular\_layer\_of\_the\_hippocampus\_right

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# Radiatum Layer of the Hippocampus, Left

MGP\_BHP\_044\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm

Description: radiatum\_layer\_of\_the\_hippocampus\_left

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# Radiatum Layer of the Hippocampus, Right

MGP\_BHP\_045\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm

Description: radiatum\_layer\_of\_the\_hippocampus\_right

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# Oriens Layer of the Hippocampus, Left

MGP\_BHP\_046\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm

Description: oriens\_layer\_of\_the\_hippocampus\_left

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## Oriens Layer of the Hippocampus, Right MGP\_BHP\_047\_001 | v1.

0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm

Description: oriens\_layer\_of\_the\_hippocampus\_right

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## Amygdaloid Nucleus, Left MGP\_BHP\_048\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: amygdaloid\_nucleus\_left

---

## Amygdaloid Nucleus, Right MGP\_BHP\_049\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: amygdaloid\_nucleus\_right

---

## Piriform Cortex, Hippocampus, Left MGP\_BHP\_050\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: piriform\_cortex\_hippocampus\_left

---

## Piriform Cortex, Hippocampus, Right MGP\_BHP\_051\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: piriform\_cortex\_hippocampus\_right

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## Primary Motor Cortex, Hippocampus, Left MGP\_BHP\_052\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm

**Description:** primary\_motor\_cortex\_hippocampus\_left

---

**Primary Motor Cortex, Hippocampus, Right** MGP\_BHP\_053\_001  
| v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** primary\_motor\_cortex\_hippocampus\_right

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**Secondary Somatosensory Cortex, Hippocampus, Left** MG  
P\_BHP\_054\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** secondary\_somatosensory\_cortex\_hippocampus\_left

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**Secondary Somatosensory Cortex, Hippocampus, Right** M  
GP\_BHP\_055\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm

**Description:** secondary\_somatosensory\_cortex\_hippocampus\_right

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## **Mammillothalamic Tract, Left** MGP\_BHP\_056\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** mammillothalamic\_tract\_left

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## **Mammillothalamic Tract, Right** MGP\_BHP\_057\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** mammillothalamic\_tract\_right

---

## **Internal Capsule, Left** MGP\_BHP\_058\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** internal\_capsule\_left

---

## Internal Capsule, Right MGP\_BHP\_059\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** internal\_capsule\_right

---

## Optic Tract, Left MGP\_BHP\_060\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** optic\_tract\_left

---

## Optic Tract, Right MGP\_BHP\_061\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** optic\_tract\_right

---

## Fimbria of the Hippocampus, Left MGP\_BHP\_062\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** fimbria\_of\_the\_hippocampus\_left

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## Fimbria of the Hippocampus, Right MGP\_BHP\_063\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** fimbria\_of\_the\_hippocampus\_right

---

# Habenular Nucleus, Left MGP\_BHP\_064\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: habenular\_nucleus\_left

---

# Habenular Nucleus, Right MGP\_BHP\_065\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: habenular\_nucleus\_right

---

# Cerebellar Section MGP\_BHP\_066\_001 | v1.0

seriesMediaParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: cerebellar\_section

Increments: Minimum 1

---



# Number of Cerebellar Folia MGP\_BHP\_067\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Description: number\_of\_cerebellar\_folia

---

# Total Cerebellum Brain Area MGP\_BHP\_068\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: total\_cerebellum\_brain\_area

---

# Fourth Ventricle MGP\_BHP\_069\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: fourth\_ventricle

---

**Pons** MGP\_BHP\_070\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** pons

---

**Pyramidal Tract, Left** MGP\_BHP\_071\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** pyramidal\_tract\_left

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**Pyramidal Tract, Right** MGP\_BHP\_072\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Unit Measured:** cm2

**Description:** pyramidal\_tract\_right

---

# Genu of the Facial Nerve, Left MGP\_BHP\_073\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: genu\_of\_the\_facial\_nerve\_left

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# Genu of the Facial Nerve, Right MGP\_BHP\_074\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: genu\_of\_the\_facial\_nerve\_right

---

# Cochlear Nucleus, Left MGP\_BHP\_075\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: cochlear\_nucleus\_left

---

# Cochlear Nucleus, Right MGP\_BHP\_076\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: cochlear\_nucleus\_right

---

# Lateral Cerebellar Nucleus, Left MGP\_BHP\_077\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: lateral\_cerebellar\_nucleus\_left

---

# Lateral Cerebellar Nucleus, Right MGP\_BHP\_078\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: true

Unit Measured: cm2

Description: lateral\_cerebellar\_nucleus\_right

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# Interposed Cerebellar Nucleus, Anterior Part, Left MGP\_BHP\_

079\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: interposed\_cerebellar\_nucleus\_anterior\_part\_left

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# Interposed Cerebellar Nucleus, Anterior Part, Right MGP\_BH

P\_080\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: interposed\_cerebellar\_nucleus\_anterior\_part\_right

---

# Internal Granular Layer MGP\_BHP\_081\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Unit Measured: cm2

Description: internal\_granular\_layer

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## Project\_ID MGP\_BHP\_082\_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: project\_id

### Options:

Sanger\_HistologiX Sanger\_ICS Sanger\_WTCHG\_14-16w Sanger\_WTCHG\_6w

Sanger\_WTCHG\_ICS,

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## Fixative MGP\_BHP\_083\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: fixative

Options: 10% Buffered Formalin 4% paraformaldehyde,

---

## Staining Striatum MGP\_BHP\_084\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

**Description:** staining\_striatum

**Options:** Luxol-Nissl Nissl Dcx,

---

## Staining Hippocampus MGP\_BHP\_085\_001 | v1.0

[procedure](#)[Metadata](#)

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** staining\_hippocampus

**Options:** Luxol-Nissl Nissl Dcx,

---

## Staining Cerebellum MGP\_BHP\_086\_001 | v1.0

[procedure](#)[Metadata](#)

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** staining\_cerebellum

**Options:** Luxol-Nissl Nissl Dcx,

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## Experimentor ID (Analysis) Striatum MGP\_BHP\_087\_001 | v1.0

[procedure](#)[Metadata](#)

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** experimenter\_id\_analysis\_striatum

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**Experimenter ID (Analysis) Hippocampus** MGP\_BHP\_088\_001 | v1.0

procedureMetadata

**Req. Analysis:** false      **Req. Upload:** true      **Is Annotated:** false

**Description:** experimenter\_id\_analysis\_hippocampus

---

**Experimenter ID (Analysis) Cerebellum** MGP\_BHP\_089\_001 | v1.0

procedureMetadata

**Req. Analysis:** false      **Req. Upload:** true      **Is Annotated:** false

**Description:** experimenter\_id\_analysis\_cerebellum

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