

# Dysmorphology HAROLD\_001\_001

## Parameters and Metadata

### adult mouse weight HAROLD\_001\_001\_001 | v1.0

simpleParameter

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

Unit Measured: g

Description: adult\_mouse\_weight

---

### adult mouse HAROLD\_001\_001\_002 | v1.0

simpleParameter

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

Description: adult\_mouse

Options: as described for wt, abnormal,

---

### adult mouse abnormality description HAROLD\_001\_001\_003 | v1.0

simpleParameter

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

**Description:** adult\_mouse\_abnormality\_description

---

**adult mouse length** HAROLD\_001\_001\_004 | v1.0

simpleParameter

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

**Description:** adult\_mouse\_length

**Options:** wt distribution, decreased length, increased length,

---

**adult mouse thickness** HAROLD\_001\_001\_005 | v1.0

simpleParameter

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

**Description:** adult\_mouse\_thickness

**Options:** wt distribution, decreased thickness, increased thickness,

---

**fat distribution** HAROLD\_001\_001\_006 | v1.0

simpleParameter

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

**Description:** fat\_distribution

**Options:** wt distribution, abnormal distribution,

---

**coat hair** HAROLD\_001\_001\_007 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** coat\_hair

**Options:** as described for wt, abnormal,

---

**coat hair abnormality description** HAROLD\_001\_001\_008 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** coat\_hair\_abnormality\_description

---

**coat hair color** HAROLD\_001\_001\_009 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** coat\_hair\_color

**Options:** as described for wt, abnormal color,

---

## coat hair color pattern HAROLD\_001\_001\_010 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** coat\_hair\_color\_pattern

**Options:** as described for wt, multi-colored, spotted,

---

## coat hair presence HAROLD\_001\_001\_011 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** coat\_hair\_presence

**Options:** present, absent,

---

## coat hair placement HAROLD\_001\_001\_012 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** coat\_hair\_placement

**Options:** as described for wt, erect,

---

**coat hair spatial pattern** HAROLD\_001\_001\_013 | v1.0

simpleParameter

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

**Description:** coat\_hair\_spatial\_pattern

**Options:** as described for wt, patchy,

---

**coat hair distribution** HAROLD\_001\_001\_014 | v1.0

simpleParameter

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

**Description:** coat\_hair\_distribution

**Options:** as described for wt, sparse,

---

**coat hair texture** HAROLD\_001\_001\_015 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** coat\_hair\_texture

**Options:** as described for wt, flaky, greasy,

---

## **coat hair structure** HAROLD\_001\_001\_016 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** coat\_hair\_structure

**Options:** as described for wt, matted,

---

## **head + coat hair color** HAROLD\_001\_001\_017 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_\_coat\_hair\_color

**Options:** as described for wt, abnormal color,

---

## **head + coat hair color pattern** HAROLD\_001\_001\_018 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_\_coat\_hair\_color\_pattern

**Options:** as described for wt, mono-colored, multi-colored, spotted,

---

## head + coat hair presence HAROLD\_001\_001\_019 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_\_coat\_hair\_presence

**Options:** present, absent,

---

## head + coat hair placement HAROLD\_001\_001\_020 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_\_coat\_hair\_placement

**Options:** as described for wt, erect,

---

## head + coat hair spatial pattern HAROLD\_001\_001\_021 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_\_coat\_hair\_spatial\_pattern

**Options:** as described for wt, patchy,

---

## head + coat hair distribution HAROLD\_001\_001\_022 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_\_coat\_hair\_distribution

**Options:** as described for wt, sparse,

---

## head + coat hair texture HAROLD\_001\_001\_023 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_\_coat\_hair\_texture

**Options:** as described for wt, flaky, greasy,

---

## head + coat hair structure HAROLD\_001\_001\_024 | v1.0



simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_\_coat\_hair\_structure

**Options:** as described for wt, matted,

---

## back + coat hair color HAROLD\_001\_001\_025 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** back\_\_coat\_hair\_color

**Options:** as described for wt, abnormal color,

---

## back + coat hair color pattern HAROLD\_001\_001\_026 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** back\_\_coat\_hair\_color\_pattern

**Options:** as described for wt, mono-colored, multi-colored, spotted,

---

## back + coat hair presence HAROLD\_001\_001\_027 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: back\_\_coat\_hair\_presence

Options: present, absent,

---

## back + coat hair placement HAROLD\_001\_001\_028 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: back\_\_coat\_hair\_placement

Options: as described for wt, erect,

---

## back + coat hair spatial pattern HAROLD\_001\_001\_029 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: back\_\_coat\_hair\_spatial\_pattern

Options: as described for wt, patchy,

---

**back + coat hair distribution** HAROLD\_001\_001\_030 | v1.0

simpleParameter

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

**Description:** back\_\_coat\_hair\_distribution

**Options:** as described for wt, sparse,

---

**back + coat hair texture** HAROLD\_001\_001\_031 | v1.0

simpleParameter

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

**Description:** back\_\_coat\_hair\_texture

**Options:** as described for wt, flaky, greasy,

---

**back + coat hair structure** HAROLD\_001\_001\_032 | v1.0

simpleParameter

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

**Description:** back\_\_coat\_hair\_structure

**Options:** as described for wt, matted,

---

## stomach + coat hair color HAROLD\_001\_001\_033 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: stomach\_\_coat\_hair\_color

Options: as described for wt, abnormal color,

---

## stomach + coat hair color pattern HAROLD\_001\_001\_034 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: stomach\_\_coat\_hair\_color\_pattern

Options: as described for wt, mono-colored, multi-colored, spotted,

---

## stomach + coat hair presence HAROLD\_001\_001\_035 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: stomach\_\_coat\_hair\_presence

Options: present, absent,

---

## stomach + coat hair placement HAROLD\_001\_001\_036 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: stomach\_\_coat\_hair\_placement

Options: as described for wt, erect,

---

## stomach + coat hair spatial pattern HAROLD\_001\_001\_037 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: stomach\_\_coat\_hair\_spatial\_pattern

Options: as described for wt, patchy,

---

## stomach + coat hair distribution HAROLD\_001\_001\_038 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: stomach\_\_coat\_hair\_distribution

Options: as described for wt, sparse,

---

## stomach + coat hair texture HAROLD\_001\_001\_039 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: stomach\_\_coat\_hair\_texture

Options: as described for wt, flaky, greasy,

---

## stomach + coat hair structure HAROLD\_001\_001\_040 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: stomach\_\_coat\_hair\_structure

Options: as described for wt, matted,

---

## skin HAROLD\_001\_001\_041 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: skin

Options: as described for wt, abnormal,

---

**skin abnormality description** HAROLD\_001\_001\_042 | v1.0

simpleParameter

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

Description: skin\_abnormality\_description

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**skin spatial pattern** HAROLD\_001\_001\_043 | v1.0

simpleParameter

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

Description: skin\_spatial\_pattern

Options: as described for wt, patchy,

-----

**skin texture** HAROLD\_001\_001\_044 | v1.0

simpleParameter

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

Description: skin\_texture

Options: as described for wt, scaly,

-----

## skin wetness HAROLD\_001\_001\_045 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: skin\_wetness

Options: as described for wt, dry, wet,

---

## skin color brightness HAROLD\_001\_001\_046 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: skin\_color\_brightness

Options: as described for wt, dark, light,

---

## skin relative color HAROLD\_001\_001\_047 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: skin\_relative\_color

Options: as described for wt, colorless, variable color,

---



## skin shape HAROLD\_001\_001\_048 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: skin\_shape

Options: as described for wt, loose,

---

## skin color HAROLD\_001\_001\_049 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: skin\_color

Options: as described for wt, abnormal color,

---

## nose skin spatial pattern HAROLD\_001\_001\_050 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: nose\_skin\_spatial\_pattern

Options: as described for wt, patchy,

---

## nose skin texture HAROLD\_001\_001\_051 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: nose\_skin\_texture

Options: as described for wt, scaly,

---

## nose skin wetness HAROLD\_001\_001\_052 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: nose\_skin\_wetness

Options: as described for wt, dry, wet,

---

## nose skin color brightness HAROLD\_001\_001\_053 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: nose\_skin\_color\_brightness

Options: as described for wt, dark, light,

---

## nose skin relative color HAROLD\_001\_001\_054 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** nose\_skin\_relative\_color

**Options:** as described for wt, colorless, variable color,

---

## nose skin shape HAROLD\_001\_001\_055 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** nose\_skin\_shape

**Options:** as described for wt, loose,

---

## nose skin color HAROLD\_001\_001\_056 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** nose\_skin\_color

**Options:** as described for wt, abnormal color,

---

## ear skin spatial pattern HAROLD\_001\_001\_057 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** ear\_skin\_spatial\_pattern

**Options:** as described for wt, left ear skin patchy, right ear skin patchy, bilaterally patchy,

---

## ear skin texture HAROLD\_001\_001\_058 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** ear\_skin\_texture

**Options:** as described for wt, left ear skin scaly, right ear skin scaly, bilaterally scaly,

---

## ear skin wetness HAROLD\_001\_001\_059 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** ear\_skin\_wetness

**Options:** as described for wt, left ear skin dry, right ear skin dry, bilaterally dry,  
left ear skin wet, right ear skin wet, bilaterally wet,

---

## ear skin color brightness HAROLD\_001\_001\_060 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

**Description:** ear\_skin\_color\_brightness

**Options:** as described for wt, left ear skin dark, right ear skin dark, bilaterally dark, left ear skin light, right ear skin light, bilaterally light,

---

## ear skin relative color HAROLD\_001\_001\_061 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

**Description:** ear\_skin\_relative\_color

**Options:** as described for wt, left ear skin colorless, right ear skin colorless, bilaterally colorless, left ear skin variable color, right ear skin variable color, bilaterally variable color,

---

## ear skin shape HAROLD\_001\_001\_062 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

**Description:** ear\_skin\_shape

**Options:** as described for wt, left ear skin loose, right ear skin loose, bilaterally loose,

---

## ear skin color HAROLD\_001\_001\_063 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** ear\_skin\_color

**Options:** as described for wt, left ear skin abnormal color, right ear skin abnormal color, bilaterally abnormal color,

---

## hand skin spatial pattern HAROLD\_001\_001\_064 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_skin\_spatial\_pattern

**Options:** as described for wt, left hand skin patchy, right hand skin patchy, bilaterally patchy,

---

## hand skin texture HAROLD\_001\_001\_065 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_skin\_texture

**Options:** as described for wt, left hand skin scaly, right hand skin scaly, bilaterally scaly,

---

## hand skin wetness HAROLD\_001\_001\_066 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_skin\_wetness

**Options:** as described for wt, left hand skin dry, right hand skin dry, bilaterally dry,  
left hand skin wet, right hand skin wet, bilaterally wet,

---

## hand skin color brightness HAROLD\_001\_001\_067 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_skin\_color\_brightness

**Options:** as described for wt, left hand skin dark, right hand skin dark, bilaterally dark,  
left hand skin light, right hand skin light, bilaterally light,

---

## hand skin relative color HAROLD\_001\_001\_068 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_skin\_relative\_color

**Options:** as described for wt, left hand skin colorless, right hand skin colorless, bilaterally colorless, left hand skin variable color, right hand skin variable color, bilaterally variable color,

---

## hand skin shape HAROLD\_001\_001\_069 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_skin\_shape

**Options:** as described for wt, left hand skin loose, right hand skin loose, bilaterally loose,

---

## hand skin color HAROLD\_001\_001\_070 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_skin\_color

**Options:** as described for wt, left hand skin abnormal color, right hand skin abnormal color, bilaterally abnormal color,

---



## foot skin spatial pattern HAROLD\_001\_001\_071 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: foot\_skin\_spatial\_pattern

Options: as described for wt, left foot skin patchy, right foot skin patchy, bilaterally patchy,

---

## foot skin texture HAROLD\_001\_001\_072 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: foot\_skin\_texture

Options: as described for wt, left foot skin scaly, right foot skin scaly, bilaterally scaly,

---

## foot skin wetness HAROLD\_001\_001\_073 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: foot\_skin\_wetness

Options: as described for wt, left foot skin dry, right foot skin dry, bilaterally dry,  
left foot skin wet, right foot skin wet, bilaterally wet,

---

## foot skin color brightness HAROLD\_001\_001\_074 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

**Description:** foot\_skin\_color\_brightness

**Options:** as described for wt, left foot skin dark, right foot skin dark, bilaterally dark, left foot skin light, right foot skin light, bilaterally light,

---

## foot skin relative color HAROLD\_001\_001\_075 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

**Description:** foot\_skin\_relative\_color

**Options:** as described for wt, left foot skin colorless, right foot skin colorless, bilaterally colorless, left foot skin variable color, right foot skin variable color, bilaterally variable color,

---

## foot skin shape HAROLD\_001\_001\_076 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

**Description:** foot\_skin\_shape

**Options:** as described for wt, left foot skin loose, right foot skin loose, bilaterally loose,

---

## foot skin color HAROLD\_001\_001\_077 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** foot\_skin\_color

**Options:** as described for wt, left foot skin abnormal color, right foot skin abnormal color, bilaterally abnormal color,

---

## tail skin spatial pattern HAROLD\_001\_001\_078 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_skin\_spatial\_pattern

**Options:** as described for wt, patchy,

---

## tail skin texture HAROLD\_001\_001\_079 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_skin\_texture

**Options:** as described for wt, scaly,

---

## **tail skin wetness** HAROLD\_001\_001\_080 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_skin\_wetness

**Options:** as described for wt, dry, wet,

---

## **tail skin color brightness** HAROLD\_001\_001\_081 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_skin\_color\_brightness

**Options:** as described for wt, dark, light,

---

## **tail skin relative color** HAROLD\_001\_001\_082 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_skin\_relative\_color

**Options:** as described for wt, colorless, variable color,

---

## tail skin shape HAROLD\_001\_001\_083 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_skin\_shape

**Options:** as described for wt, loose,

---

## tail skin color HAROLD\_001\_001\_084 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_skin\_color

**Options:** as described for wt, abnormal color,

---

## head HAROLD\_001\_001\_085 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head

**Options:** as described for wt, abnormal,

---

## head abnormality description HAROLD\_001\_001\_086 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** head\_abnormality\_description

---

## head length HAROLD\_001\_001\_087 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_length

**Options:** wt distribution, decreased length, increased length,

---

## head width HAROLD\_001\_001\_088 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_width

**Options:** wt distribution, decreased width, increased width,

---

## head bone curvature HAROLD\_001\_001\_089 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_bone\_curvature

**Options:** wt distribution, domed,

---

## head bone symmetry HAROLD\_001\_001\_090 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** head\_bone\_symmetry

**Options:** as described for wt, asymmetrical,

---

## muzzle/snout HAROLD\_001\_001\_091 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** muzzlesnout

**Options:** normal, abnormal,

---

## **muzzle/snout length** HAROLD\_001\_001\_092 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** muzzlesnout\_length

**Options:** wt distribution, decreased length, increased length,

---

## **muzzle/snout width** HAROLD\_001\_001\_093 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** muzzlesnout\_width

**Options:** wt distribution, decreased width, increased width,

---

## **vibrissa hair** HAROLD\_001\_001\_094 | v1.0



simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** vibrissa\_hair

**Options:** normal, abnormal,

---

## **vibrissa hair presence** HAROLD\_001\_001\_095 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** vibrissa\_hair\_presence

**Options:** present, absent,

---

## **vibrissa hair curvature** HAROLD\_001\_001\_096 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** vibrissa\_hair\_curvature

**Options:** wt distribution, increased curvature, decreased curvature,

---

## **vibrissa hair length** HAROLD\_001\_001\_097 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** vibrissa\_hair\_length

**Options:** wt distribution, decreased length, increased length,

---

## **vibrissa hair orientation** HAROLD\_001\_001\_098 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** vibrissa\_hair\_orientation

**Options:** as described for wt, disoriented/random,

---

## **upper lip shape** HAROLD\_001\_001\_099 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** upper\_lip\_shape

**Options:** as described for wt, cleft,

---

**lower lip shape** HAROLD\_001\_001\_100 | v1.0

simpleParameter

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

Description: lower\_lip\_shape

Options: as described for wt, cleft,

---

**mouth** HAROLD\_001\_001\_101 | v1.0

simpleParameter

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

Description: mouth

Options: as described for wt, abnormal,

---

**tooth** HAROLD\_001\_001\_102 | v1.0

simpleParameter

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

Description: tooth

Options: as described for wt, abnormal,

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## tooth morphology HAROLD\_001\_001\_103 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tooth\_morphology

**Options:** as described for wt, deformed,

---

## tooth presence HAROLD\_001\_001\_104 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tooth\_presence

**Options:** present, absent,

---

## tooth relative color HAROLD\_001\_001\_105 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tooth\_relative\_color

**Options:** as described for wt, discolored,

---

## **tooth size** HAROLD\_001\_001\_106 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: tooth\_size

Options: wt distribution, decreased size, increased size,

---

## **upper jaw tooth + misaligned with + lower jaw tooth presence** HAROLD\_001\_001\_107 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: upper\_jaw\_tooth\_\_misaligned\_with\_\_lower\_jaw\_tooth\_presence

Options: absent, present,

---

## **ear** HAROLD\_001\_001\_108 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: ear

Options: as described for wt, left ear abnormal, right ear abnormal, bilaterally abnormal,

---

## ear position HAROLD\_001\_001\_109 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** ear\_position

**Options:** as described for wt, right ear decreased position, left ear decreased position, bilaterally decreased position,

---

## ear presence HAROLD\_001\_001\_110 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** ear\_presence

**Options:** present, left ear absent, right ear absent, bilaterally absent,

---

## ear shape HAROLD\_001\_001\_111 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** ear\_shape

**Options:** as described for wt, left ear folded, right ear folded, bilaterally folded, left ear pointed, right ear pointed, bilaterally pointed,

---

## ear size HAROLD\_001\_001\_112 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** ear\_size

**Options:** wt distribution, left ear decreased size, right ear decreased size, bilaterally decreased size, left ear increased size, right ear increased size, bilaterally increased size,

---

## ear rotation HAROLD\_001\_001\_113 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** ear\_rotation

**Options:** as described for wt, left ear anteriorly rotated, right ear anteriorly rotated, bilaterally anteriorly rotated, left ear posteriorly rotated, right ear posteriorly rotated, bilaterally posteriorly rotated,

---

## eye HAROLD\_001\_001\_114 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: eye

Options: as described for wt, left eye abnormal, right eye abnormal, bilaterally abnormal,

---

## eye opacity HAROLD\_001\_001\_115 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: eye\_opacity

Options: as described for wt, left eye opaque, right eye opaque, bilaterally opaque, left eye transparent, right eye transparent, bilaterally transparent,

---

## eye presence HAROLD\_001\_001\_116 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: eye\_presence

Options: present, left eye absent, right eye absent, bilaterally absent,

---



## eye size HAROLD\_001\_001\_117 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: eye\_size

Options: wt distribution, left eye decreased size, right eye decreased size, bilaterally decreased size, left eye increased size, right eye increased size, bilaterally increased size,

---

## eye wetness HAROLD\_001\_001\_118 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: eye\_wetness

Options: as described for wt, left eye wet, right eye wet, bilaterally wet,

---

## eye color HAROLD\_001\_001\_119 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: eye\_color

**Options:** as described for wt, left eye abnormal color, right eye abnormal color, bilaterally abnormal color,

---

## eyelid closure HAROLD\_001\_001\_120 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** eyelid\_closure

**Options:** as described for wt, left eyelid closed, right eyelid closed, bilaterally closed, left eyelid closure incomplete, right eyelid closure incomplete, bilateral closure incomplete,

---

## eyelid presence HAROLD\_001\_001\_121 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** eyelid\_presence

**Options:** bilaterally present, left eyelid absent, right eyelid absent, bilaterally absent,

---

## vagina HAROLD\_001\_001\_122 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** vagina

**Options:** as described for wt, abnormal,

---

## **vagina abnormality description** HAROLD\_001\_001\_123 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** vagina\_abnormality\_description

---

## **vagina size** HAROLD\_001\_001\_124 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** vagina\_size

**Options:** wt distribution, increased size, decreased size,

---

## **vagina presence** HAROLD\_001\_001\_125 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** vagina\_presence

**Options:** present, absent,

---

**vagina structure** HAROLD\_001\_001\_126 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** vagina\_structure

**Options:** as described for wt, swollen,

---

**testis** HAROLD\_001\_001\_127 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** testis

**Options:** as described for wt, abnormal,

---

**testis abnormality description** HAROLD\_001\_001\_128 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: testis\_abnormality\_description

---

**testis size** HAROLD\_001\_001\_129 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: testis\_size

Options: wt distribution, increased size, decreased size,

---

**testis presence** HAROLD\_001\_001\_130 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: testis\_presence

Options: present, absent,

---

**testis structure** HAROLD\_001\_001\_131 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

**Description:** testis\_structure

**Options:** as described for wt, underdeveloped,

---

**forelimb** HAROLD\_001\_001\_132 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** forelimb

**Options:** as described for wt, left forelimb abnormal, right forelimb abnormal, bilaterally abnormal,

---

**forelimb abnormality description** HAROLD\_001\_001\_133 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** forelimb\_abnormality\_description

---

**forelimb size** HAROLD\_001\_001\_134 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** forelimb\_size

**Options:** wt distribution, left forelimb increased size, right forelimb increased size, bilaterally increased size, left forelimb decreased size, right forelimb decreased size, bilaterally decreased size,

---

## forelimb angle HAROLD\_001\_001\_135 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** forelimb\_angle

**Options:** as described for wt, left forelimb abnormal, right forelimb abnormal, bilaterally abnormal,

---

## forelimb flexibility HAROLD\_001\_001\_136 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** forelimb\_flexibility

**Options:** as described for wt, left forelimb inflexible, right forelimb inflexible, bilaterally inflexible,

---

## forelimb length HAROLD\_001\_001\_137 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: forelimb\_length

Options: wt distribution, left forelimb increased length, right forelimb increased length, bilaterally increased length, left forelimb decreased length, right forelimb decreased length, bilaterally decreased length,

---

## forelimb thickness HAROLD\_001\_001\_138 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: forelimb\_thickness

Options: as described for wt, left forelimb increased thickness, right forelimb increased thickness, bilaterally increased thickness, left forelimb decreased thickness, right forelimb decreased thickness, bilaterally decreased thickness,

---

## forelimb shape HAROLD\_001\_001\_139 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: forelimb\_shape



**Options:** as described for wt, left forelimb abnormal, right forelimb abnormal,  
bilaterally abnormal,

---

## forelimb joint structure HAROLD\_001\_001\_140 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** forelimb\_joint\_structure

**Options:** as described for wt, left forelimb joint swollen, right forelimb joint swollen,  
bilaterally swollen,

---

## hand shape HAROLD\_001\_001\_141 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_shape

**Options:** as described for wt, left hand abnormal, right hand abnormal, bilaterally abnormal,

---

## hand size HAROLD\_001\_001\_142 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_size

**Options:** wt distribution, left hand decreased size, right hand decreased size, bilaterally decreased size, left hand increased size, right hand increased size, bilaterally increased size,

---

## hand length HAROLD\_001\_001\_143 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_length

**Options:** wt distribution, left hand decreased length, right hand decreased length, bilaterally decreased length, left hand increased length, right hand increased length, bilaterally increased length,

---

## hand structure HAROLD\_001\_001\_144 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_structure

**Options:** as described for wt, left hand swollen, right hand swollen, bilaterally swollen,

---

## hand footpad structure HAROLD\_001\_001\_145 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

**Description:** hand\_footpad\_structure

**Options:** as described for wt, left hand footpad swollen, right hand footpad swollen, bilaterally swollen,

---

## hand digit count HAROLD\_001\_001\_146 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

**Description:** hand\_digit\_count

**Options:** as described for wt, left hand digit decreased number, right hand digit decreased number, bilaterally decreased number, left hand digit increased number, right hand digit increased number, bilaterally increased number,

---

## hand digit thickness HAROLD\_001\_001\_147 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

**Description:** hand\_digit\_thickness

**Options:** as described for wt, left hand digit decreased thickness,  
right hand digit decreased thickness, bilaterally decreased thickness,  
left hand digit increased thickness, right hand digit increased thickness,  
bilaterally increased thickness,

---

## hand digit presence HAROLD\_001\_001\_148 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_digit\_presence

**Options:** present, left hand digit absent, right hand digit absent, bilaterally absent,

---

## hand digit structure HAROLD\_001\_001\_149 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hand\_digit\_structure

**Options:** as described for wt, left hand digit swollen, right hand digit swollen,  
bilaterally swollen,

---

## hand digit length HAROLD\_001\_001\_150 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: hand\_digit\_length

Options: wt distribution, left hand digit length increased, right hand digit length increased, bilaterally length increased, left hand digit length decreased, right hand digit length decreased, bilaterally length decreased,

---

**hindlimb** HAROLD\_001\_001\_151 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: hindlimb

Options: as described for wt, left hindlimb abnormal, right hindlimb abnormal, bilaterally abnormal,

---

**hindlimb abnormality description** HAROLD\_001\_001\_152 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: hindlimb\_abnormality\_description

---

## hindlimb size HAROLD\_001\_001\_153 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: hindlimb\_size

Options: wt distribution, left hindlimb increased size, right hindlimb increased size, bilaterally increased size, left hindlimb decreased size, right hindlimb decreased size, bilaterally decreased size,

---

## hindlimb angle HAROLD\_001\_001\_154 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: hindlimb\_angle

Options: as described for wt, left hindlimb abnormal, right hindlimb abnormal, bilaterally abnormal,

---

## hindlimb flexibility HAROLD\_001\_001\_155 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: hindlimb\_flexibility

**Options:** as described for wt, left hindlimb inflexible, right hindlimb inflexible, bilaterally inflexible,

---

## hindlimb length HAROLD\_001\_001\_156 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hindlimb\_length

**Options:** wt distribution, left hindlimb increased length, right hindlimb increased length, bilaterally increased length, left hindlimb decreased length, right hindlimb decreased length, bilaterally decreased length,

---

## hindlimb thickness HAROLD\_001\_001\_157 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hindlimb\_thickness

**Options:** as described for wt, left hindlimb increased thickness, right hindlimb increased thickness, bilaterally increased thickness, left hindlimb decreased thickness, right hindlimb decreased thickness, bilaterally decreased thickness,

---

## hindlimb shape HAROLD\_001\_001\_158 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: hindlimb\_shape

Options: as described for wt, left hindlimb abnormal, right hindlimb abnormal, bilaterally abnormal,

---

## hindlimb joint structure HAROLD\_001\_001\_159 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: hindlimb\_joint\_structure

Options: as described for wt, left hindlimb joint swollen, right hindlimb joint swollen, bilaterally swollen,

---

## foot shape HAROLD\_001\_001\_160 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: foot\_shape

Options: as described for wt, left foot abnormal, right foot abnormal, bilaterally abnormal,

---



## foot size HAROLD\_001\_001\_161 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: foot\_size

**Options:** wt distribution, left foot decreased size, right foot decreased size, bilaterally decreased size, left foot increased size, right foot increased size, bilaterally increased size,

---

## foot length HAROLD\_001\_001\_162 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: foot\_length

**Options:** wt distribution, left foot decreased length, right foot decreased length, bilaterally decreased length, left foot increased length, right foot increased length, bilaterally increased length,

---

## foot structure HAROLD\_001\_001\_163 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

**Description:** foot\_structure

**Options:** as described for wt, left foot swollen, right foot swollen, bilaterally swollen,

---

## foot footpad structure HAROLD\_001\_001\_164 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** foot\_footpad\_structure

**Options:** as described for wt, left foot footpad swollen, right foot footpad swollen, bilaterally swollen,

---

## foot digit count HAROLD\_001\_001\_165 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** foot\_digit\_count

**Options:** as described for wt, left foot digit decreased number, right foot digit decreased number, bilaterally decreased number, left foot digit increased number, right foot digit increased number, bilaterally increased number,

---

## foot digit thickness HAROLD\_001\_001\_166 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** foot\_digit\_thickness

**Options:** as described for wt, left foot digit decreased thickness, right foot digit decreased thickness, bilaterally decreased thickness, left foot digit increased thickness, right foot digit increased thickness, bilaterally increased thickness,

---

## foot digit presence HAROLD\_001\_001\_167 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** foot\_digit\_presence

**Options:** present, left foot digit absent, right foot digit absent, bilaterally absent,

---

## foot digit structure HAROLD\_001\_001\_168 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** foot\_digit\_structure

**Options:** as described for wt, left foot digit swollen, right foot digit swollen, bilaterally swollen,

---

## foot digit length HAROLD\_001\_001\_169 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** foot\_digit\_length

**Options:** wt distribution, left hand digit length increased, right hand digit length increased, bilaterally length increased, left hand digit length decreased, right hand digit length decreased, bilaterally length decreased,

---

## nail presence HAROLD\_001\_001\_170 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** nail\_presence

**Options:** present, left nail absent, right nail absent, bilaterally absent,

---

## nail length HAROLD\_001\_001\_171 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** nail\_length

**Options:** wt distribution, left nail increased length, right nail increased length, bilaterally increased length,

---

## **nail angle** HAROLD\_001\_001\_172 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** nail\_angle

**Options:** as described for wt, left nail straight angle, right nail straight angle, bilaterally straight angle,

---

## **nail curvature** HAROLD\_001\_001\_173 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** nail\_curvature

**Options:** as described for wt, left nail curved, right nail curved, bilaterally curved,

---

## **nail color brightness** HAROLD\_001\_001\_174 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** nail\_color\_brightness

**Options:** as described for wt, left nail dark, right nail dark, bilaterally dark, left nail light, right nail light, bilaterally light,

---

**tail** HAROLD\_001\_001\_175 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail

**Options:** as described for wt, abnormal,

---

**tail abnormality description** HAROLD\_001\_001\_176 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** tail\_abnormality\_description

---

**tail presence** HAROLD\_001\_001\_177 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_presence

**Options:** present, absent,

---

**tail length** HAROLD\_001\_001\_178 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_length

**Options:** wt distribution, decreased length, increased length,

---

**tail width** HAROLD\_001\_001\_179 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_width

**Options:** wt distribution, decreased width, increased width,

---

**tail shape** HAROLD\_001\_001\_180 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_shape

**Options:** as described for wt, kinked,

---

## tail curvature HAROLD\_001\_001\_181 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** tail\_curvature

**Options:** as described for wt, curved,

---

## Date of procedure HAROLD\_001\_001\_182 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** date\_of\_procedure

---