

# ALTERNATIVE - Gross Morphology Embryo E14.5-E15.5 ALTIMPC\_GEO\_002

## Parameters and Metadata

### ALTERNATIVE - Alive ALTIMPC\_GEO\_001\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - alive

Options: yes, no,

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### ALTERNATIVE - Scored ALTIMPC\_GEO\_002\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - scored

Options: yes, no,

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### ALTERNATIVE - Cardiovascular System ALTIMPC\_GEO\_003\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - cardiovascular\_system

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Cardiovascular Development** ALTIMPC\_GEO\_004\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - cardiovascular\_development

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Heart Development** ALTIMPC\_GEO\_005\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - heart\_development

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Outflow tract development** ALTIMPC\_GEO\_006

\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - outflow\_tract\_development

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Heart Morphology** ALTIMPC\_GEO\_008\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - heart\_morphology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Blood Vessel Morphology** ALTIMPC\_GEO\_011\_

001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - blood\_vessel\_morphology

**Options:** normal, abnormal, unobservable,

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## ALTERNATIVE - Developmental Vascular Remodelling ALTI

MPC\_GEO\_012\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - developmental\_vascular\_remodelling

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Craniofacial ALTIMPC\_GEO\_013\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - craniofacial

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Craniofacial Development ALTIMPC\_GEO\_014\_

001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - craniofacial\_development

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Head shape** ALTIMPC\_GEO\_015\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - head\_shape

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Head size** ALTIMPC\_GEO\_016\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - head\_size

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Embryo Size** ALTIMPC\_GEO\_019\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - embryo\_size

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Body wall morphology** ALTIMPC\_GEO\_020\_001 |

v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - body\_wall\_morphology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Hearing/Vestibular/Ear** ALTIMPC\_GEO\_021\_001 |

v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - hearing\_vestibular\_ear

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Ear Morphology** ALTIMPC\_GEO\_022\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - abnormal\_ear\_morphology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Ear Development** ALTIMPC\_GEO\_023\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - ear\_development

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Homeostasis/metabolism** ALTIMPC\_GEO\_024\_0

01 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - homeostasis\_metabolism

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Integument** ALTIMPC\_GEO\_027\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - integument

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Vibrissa Morphology** ALTIMPC\_GEO\_028\_001 | v1

.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - vibrissa\_morphology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Skin Appearance** ALTIMPC\_GEO\_029\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - skin\_appearance

**Options:** normal, abnormal, unobservable,

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## ALTERNATIVE - Skin Coloration ALTIMPC\_GEO\_030\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - skin\_coloration

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Limb Bud Morphology ALTIMPC\_GEO\_031\_001 |

v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - limb\_bud\_morphology

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Limb Plate Morphology ALTIMPC\_GEO\_032\_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - limb\_plate\_morphology

Options: normal, abnormal, unobservable,

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## **ALTERNATIVE - Tail Morphology** ALTIMPC\_GEO\_033\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - tail\_morphology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Liver/Biliary** ALTIMPC\_GEO\_035\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - liver\_biliary

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Liver Morphology** ALTIMPC\_GEO\_036\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - liver\_morphology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Liver Size** ALTIMPC\_GEO\_037\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - liver\_size

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Nervous System** ALTIMPC\_GEO\_039\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - nervous\_system

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Brain Development** ALTIMPC\_GEO\_040\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - brain\_development

**Options:** normal, abnormal, unobservable,

---

## **ALTERNATIVE - Vision/Eye** ALTIMPC\_GEO\_044\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - vision\_eye

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Eye Morphology** ALTIMPC\_GEO\_045\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - eye\_morphology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Eye Size** ALTIMPC\_GEO\_046\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - eye\_size

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Comment on image** ALTIMPC\_GEO\_049\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - comment\_on\_image

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## **ALTERNATIVE - Images** ALTIMPC\_GEO\_050\_001 | v1.0

seriesMediaParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - images

**Increments:** Minimum 1

---

## **ALTERNATIVE - Experimenter ID** ALTIMPC\_GEO\_051\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - experimenter\_id

---

## **ALTERNATIVE - Equipment ID** ALTIMPC\_GEO\_052\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - equipment\_id

---

## **ALTERNATIVE - Equipment Manufacturer** ALTIMPC\_GEO\_053\_001

| v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - equipment\_manufacturer

---

## **ALTERNATIVE - Equipment Model** ALTIMPC\_GEO\_054\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - equipment\_model

---

## **ALTERNATIVE - Fixative** ALTIMPC\_GEO\_055\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - fixative

---

## **ALTERNATIVE - Time of Dissection** ALTIMPC\_GEO\_056\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - time\_of\_dissection

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## **ALTERNATIVE - Somite Stage** ALTIMPC\_GEO\_057\_001 | v1.1

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - somite\_stage

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## **ALTERNATIVE - Time of dark cycle start** ALTIMPC\_GEO\_058\_001

| v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - time\_of\_dark\_cycle\_start

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## **ALTERNATIVE - Time of dark cycle end** ALTIMPC\_GEO\_059\_001 |

v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - time\_of\_dark\_cycle\_end

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## **ALTERNATIVE - Date equipment last calibrated** ALTIMPC\_GEO

\_060\_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - date\_equipment\_last\_calibrated

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## **ALTERNATIVE - Absent heartbeat** ALTIMPC\_GEO\_007\_002 | v2.0



simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - absent\_heartbeat

**Options:** yes, unobservable, no,

---

## **ALTERNATIVE - Hemorrhage** ALTIMPC\_GEO\_009\_002 | v2.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - hemorrhage

**Options:** yes, unobservable, no,

---

## **ALTERNATIVE - Skin Hemorrhage** ALTIMPC\_GEO\_010\_002 | v2.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - skin\_hemorrhage

**Options:** yes, unobservable, no,

---

## **ALTERNATIVE - Facial Cleft** ALTIMPC\_GEO\_017\_002 | v2.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - facial\_cleft

**Options:** yes, unobservable, no,

---

## **ALTERNATIVE - Cleft Palate** ALTIMPC\_GEO\_018\_002 | v2.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - cleft\_palate

**Options:** yes, unobservable, no,

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## **ALTERNATIVE - Hydrops fetalis (fetal adema)** ALTIMPC\_GEO\_0

25\_002 | v2.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - hydrops\_fetalis\_fetal\_adema

**Options:** yes, unobservable, no,

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## ALTERNATIVE - Gastroschisis (herniated abdominal wall)

ALTIMPC\_GEO\_026\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - gastroschisis\_herniated\_abdominal\_wall

Options: yes, unobservable, no,

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## ALTERNATIVE - Polydactyly

ALTIMPC\_GEO\_034\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - polydactyly

Options: yes, unobservable, no,

---

## ALTERNATIVE - Pale Liver

ALTIMPC\_GEO\_038\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - pale\_liver

Options: yes, unobservable, no,

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## **ALTERNATIVE - Exencephaly** ALTIMPC\_GEO\_041\_002 | v2.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - exencephaly

**Options:** yes, unobservable, no,

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## **ALTERNATIVE - Holoprosencephaly** ALTIMPC\_GEO\_042\_002 | v2.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - holoprosencephaly

**Options:** yes, unobservable, no,

---

## **ALTERNATIVE - spina bifida** ALTIMPC\_GEO\_043\_002 | v2.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - spina\_bifida

**Options:** yes, unobservable, no,

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## **ALTERNATIVE - Microphthalmia** ALTIMPC\_GEO\_047\_002 | v2.3

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - microphthalmia

**Options:** yes, unobservable, no,

---

## **ALTERNATIVE - Anophthalmia** ALTIMPC\_GEO\_048\_002 | v2.2

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - anophthalmia

**Options:** yes, unobservable, no,

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## **ALTERNATIVE - Severely Dysmorphic** ALTIMPC\_GEO\_061\_001 | v1

.2

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - null

**Options:** no, yes, unobservable,

