

# ALTERNATIVE - Gross Morphology Embryo E14.5-E15.5 ALTIMPC\_GEO\_001

## 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 - Absent heartbeat** ALTIMPC\_GEO\_007\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - absent\_heartbeat

**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 - Hemorrhage** ALTIMPC\_GEO\_009\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - hemorrhage

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

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## **ALTERNATIVE - Skin Hemorrhage** ALTIMPC\_GEO\_010\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - skin\_hemorrhage

**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 - Facial Cleft** ALTIMPC\_GEO\_017\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - facial\_cleft

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

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## **ALTERNATIVE - Cleft Palate** ALTIMPC\_GEO\_018\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - cleft\_palate

**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\_001 | 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 - Hydrops fetalis (fetal adema) ALTIMPC\_GEO\_025\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - hydrops\_fetalis\_fetal\_adema

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Gastroschisis (herniated abdominal wall)

ALTIMPC\_GEO\_026\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - gastroschisis\_herniated\_abdominal\_wall

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 - Polydactyly** ALTIMPC\_GEO\_034\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - polydactyly

**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 - Pale Liver** ALTIMPC\_GEO\_038\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - pale\_liver

**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,

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## **ALTERNATIVE - Exencephaly** ALTIMPC\_GEO\_041\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - exencephaly

Options: normal, abnormal, unobservable,

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## **ALTERNATIVE - Holoprosencephaly** ALTIMPC\_GEO\_042\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - holoprosencephaly

Options: normal, abnormal, unobservable,

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## **ALTERNATIVE - spina bifida** ALTIMPC\_GEO\_043\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - spina\_bifida

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

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## **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 - Microphthalmia** ALTIMPC\_GEO\_047\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - microphthalmia

Options: normal, abnormal, unobservable,

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## **ALTERNATIVE - Anophthalmia** ALTIMPC\_GEO\_048\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - anophthalmia

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

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## **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

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

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - fixative

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## **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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