

# Ear epidermis immunophenotyping MGP\_EEI\_001

## Purpose

Ear epidermis immunophenotyping

## Parameters and Metadata

### Tissue volume MGP\_EEI\_001\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um3

Description: tissue\_volume

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### DETC coverage MGP\_EEI\_002\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: detc\_coverage

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## Vg5+ dendritic epidermal T cell (DETC) count MGP\_EEI\_003\_001

| v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: vg5\_dendritic\_epidermal\_t\_cell\_detc\_count

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## CD45+ vg5- MHC II- cell count MGP\_EEI\_004\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: cd45\_vg5\_mhc\_ii\_cell\_count

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## Count of vg5+ DETC contacting LC MGP\_EEI\_005\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: count\_of\_vg5\_detc\_contacting\_lc

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## Count of vg5+ DETC not contacting LC MGP\_EEI\_006\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: count\_of\_vg5\_detc\_not\_contacting\_lc

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## Langerhans cell (LC) count MGP\_EEI\_007\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: langerhans\_cell\_lc\_count

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## Ratio of vg5+ DETC/LC MGP\_EEI\_008\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: ratio\_of\_vg5\_detc\_lc

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## Ratio of contacting/not contacting vg5+ DETC MGP\_EEI\_009\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

**Description:** ratio\_of\_contacting\_not\_contacting\_vg5\_detc

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## **Ratio of CD45+ vg5- MHC II- cells/vg5+ DETC** MGP\_EEI\_010\_001

| v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** true

**Description:** ratio\_of\_cd45\_vg5\_mhc\_ii\_cells\_vg5\_detc

---

## **Average volume of vg5+ DETC** MGP\_EEI\_011\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** true

**Unit Measured:** um3

**Description:** average\_volume\_of\_vg5\_detc

---

## **Average volume of CD45+ vg5- MHC II- cells** MGP\_EEI\_012\_001

| v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** true

**Unit Measured:** um3

**Description:** average\_volume\_of\_cd45\_vg5\_mhc\_ii\_cells

---

## Average volume of vg5+ DETC contacting LC MGP\_EEI\_013\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** true

**Unit Measured:** um3

**Description:** average\_volume\_of\_vg5\_detc\_contacting\_lc

---

## Average volume of vg5+ DETC not contacting LC MGP\_EEI\_014\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** true

**Unit Measured:** um3

**Description:** average\_volume\_of\_vg5\_detc\_not\_contacting\_lc

---

## Average volume of LC MGP\_EEI\_015\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Unit Measured: um3

Description: average\_volume\_of\_lc

---

## Average roundness of vg5+ DETC MGP\_EEI\_016\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: average\_roundness\_of\_vg5\_detc

---

## Average roundness of CD45+ vg5- MHC II- cells MGP\_EEI\_017\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: average\_roundness\_of\_cd45\_vg5\_mhc\_ii\_cells

---

## Average roundness of vg5+ DETC contacting LC MGP\_EEI\_018\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: average\_roundness\_of\_vg5\_detc\_contacting\_lc

---

## Average roundness of vg5+ DETC not contacting LC MGP\_E

EI\_019\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: average\_roundness\_of\_vg5\_detc\_not\_contacting\_lc

---

## Average roundness of LC MGP\_EEI\_020\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: average\_roundness\_of\_lc

---

## Average no of branches on vg5+ DETC MGP\_EEI\_021\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

**Description:** average\_no\_of\_branches\_on\_vg5\_detc

---

## Average no of branches on vg5+ DETC contacting LC MGP\_EEI\_022\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** true

**Description:** average\_no\_of\_branches\_on\_vg5\_detc\_contacting\_lc

---

## Average no of branches on vg5+ DETC not contacting LC MGP\_EEI\_023\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** true

**Description:** average\_no\_of\_branches\_on\_vg5\_detc\_not\_contacting\_lc

---

## Average no of branches on LC MGP\_EEI\_024\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** true

**Description:** average\_no\_of\_branches\_on\_lc



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## Average branch length of vg5+ DETC MGP\_EEI\_025\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Unit Measured: um

Description: average\_branch\_length\_of\_vg5\_detc

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## Average branch length of vg5+ DETC contacting LC MGP\_E

EI\_026\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Unit Measured: um

Description: average\_branch\_length\_of\_vg5\_detc\_contacting\_lc

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## Average branch length of vg5+ DETC not contacting LC M

GP\_EEI\_027\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

**Unit Measured:** um

**Description:** average\_branch\_length\_of\_vg5\_detc\_not\_contacting\_lc

---

## **Average branch length of LC** MGP\_EEI\_028\_001 | v1.1

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** true

**Unit Measured:** um

**Description:** average\_branch\_length\_of\_lc

---

## **F1 tissue volume** MGP\_EEI\_029\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um<sup>3</sup>

**Description:** f1\_tissue\_volume

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## **F2 tissue volume** MGP\_EEI\_030\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um3

**Description:** f2\_tissue\_volume

---

## **F3 tissue volume** MGP\_EEI\_031\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um3

**Description:** f3\_tissue\_volume

---

## **F1 vg5+ DETC count** MGP\_EEI\_032\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** f1\_vg5\_detc\_count

---

## **F2 vg5+ DETC count** MGP\_EEI\_033\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

Description: f2\_vg5\_detc\_count

---

## **F3 vg5+ DETC count** MGP\_EEI\_034\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_vg5\_detc\_count

---

## **F1 CD45+ vg5- MHC II- cell count** MGP\_EEI\_035\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_cd45\_vg5\_mhc\_ii\_cell\_count

---

## **F2 CD45+ vg5- MHC II- cell count** MGP\_EEI\_036\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_cd45\_vg5\_mhc\_ii\_cell\_count

---

## F3 CD45+ vg5- MHC II- cell count MGP\_EEI\_037\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_cd45\_vg5\_mhc\_ii\_cell\_count

---

## F1 count of vg5+ DETC contacting LC MGP\_EEI\_038\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_count\_of\_vg5\_detc\_contacting\_lc

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## F2 count of vg5+ DETC contacting LC MGP\_EEI\_039\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_count\_of\_vg5\_detc\_contacting\_lc

---

## F3 count of vg5+ DETC contacting LC MGP\_EEI\_040\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_count\_of\_vg5\_detc\_contacting\_lc

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## **F1 count of vg5+ DETC not contacting LC** MGP\_EEI\_041\_001 | v1

.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_count\_of\_vg5\_detc\_not\_contacting\_lc

---

## **F2 count of vg5+ DETC not contacting LC** MGP\_EEI\_042\_001 | v1

.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_count\_of\_vg5\_detc\_not\_contacting\_lc

---

## **F3 count of vg5+ DETC not contacting LC** MGP\_EEI\_043\_001 | v1

.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_count\_of\_vg5\_detc\_not\_contacting\_lc

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## **F1 LC count** MGP\_EEI\_044\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_lc\_count

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## **F2 LC count** MGP\_EEI\_045\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_lc\_count

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## **F3 LC count** MGP\_EEI\_046\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_lc\_count

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## F1 ratio of vg5+ DETC/LC MGP\_EEI\_047\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_ratio\_of\_vg5\_detc\_lc

---

## F2 ratio of vg5+ DETC/LC MGP\_EEI\_048\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_ratio\_of\_vg5\_detc\_lc

---

## F3 ratio of vg5+ DETC/LC MGP\_EEI\_049\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_ratio\_of\_vg5\_detc\_lc

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## F1 ratio of contacting/not contacting vg5+ DETC MGP\_EEI\_05

0\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_ratio\_of\_contacting\_not\_contacting\_vg5\_detc

---

## F2 ratio of contacting/not contacting vg5+ DETC MGP\_EEI\_05

1\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_ratio\_of\_contacting\_not\_contacting\_vg5\_detc

---

## F3 ratio of contacting/not contacting vg5+ DETC MGP\_EEI\_05

2\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_ratio\_of\_contacting\_not\_contacting\_vg5\_detc

---

## F1 ratio of CD45+ vg5- MHC II- cells/vg5+ DETC MGP\_EEI\_053

\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_ratio\_of\_cd45\_vg5\_mhc\_ii\_cells\_vg5\_detc

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## F2 ratio of CD45+ vg5- MHC II- cells/vg5+ DETC MGP\_EEI\_054

\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_ratio\_of\_cd45\_vg5\_mhc\_ii\_cells\_vg5\_detc

---

## F3 ratio of CD45+ vg5- MHC II- cells/vg5+ DETC MGP\_EEI\_055

\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_ratio\_of\_cd45\_vg5\_mhc\_ii\_cells\_vg5\_detc

---

## F1 average volume of vg5+ DETC MGP\_EEI\_056\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um3

**Description:** f1\_average\_volume\_of\_vg5\_detc

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## **F2 average volume of vg5+ DETC** MGP\_EEI\_057\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um3

**Description:** f2\_average\_volume\_of\_vg5\_detc

---

## **F3 average volume of vg5+ DETC** MGP\_EEI\_058\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um3

**Description:** f3\_average\_volume\_of\_vg5\_detc

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## F1 average volume of CD45+ vg5- MHC II- cells MGP\_EEI\_059\_

001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um3

Description: f1\_average\_volume\_of\_cd45\_vg5\_mhc\_ii\_cells

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## F2 average volume of CD45+ vg5- MHC II- cells MGP\_EEI\_060\_

001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um3

Description: f2\_average\_volume\_of\_cd45\_vg5\_mhc\_ii\_cells

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## F3 average volume of CD45+ vg5- MHC II- cells MGP\_EEI\_061\_

001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um3

Description: f3\_average\_volume\_of\_cd45\_vg5\_mhc\_ii\_cells

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## F1 average volume of vg5+ DETC contacting LC MGP\_EEI\_06

2\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um3

Description: f1\_average\_volume\_of\_vg5\_detc\_contacting\_lc

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## F2 average volume of vg5+ DETC contacting LC MGP\_EEI\_06

3\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um3

Description: f2\_average\_volume\_of\_vg5\_detc\_contacting\_lc

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## F3 average volume of vg5+ DETC contacting LC MGP\_EEI\_06

4\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

**Unit Measured:** um3

**Description:** f3\_average\_volume\_of\_vg5\_detc\_contacting\_lc

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## **F1 average volume of vg5+ DETC not contacting LC** MGP\_E

EI\_065\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um3

**Description:** f1\_average\_volume\_of\_vg5\_detc\_not\_contacting\_lc

---

## **F2 average volume of vg5+ DETC not contacting LC** MGP\_E

EI\_066\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um3

**Description:** f2\_average\_volume\_of\_vg5\_detc\_not\_contacting\_lc

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## **F3 average volume of vg5+ DETC not contacting LC** MGP\_E

EI\_067\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um3

**Description:** f3\_average\_volume\_of\_vg5\_detc\_not\_contacting\_lc

---

## **F1 average volume of LC** MGP\_EEI\_068\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um3

**Description:** f1\_average\_volume\_of\_lc

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## **F2 average volume of LC** MGP\_EEI\_069\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um3

**Description:** f2\_average\_volume\_of\_lc

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## F3 average volume of LC MGP\_EEI\_070\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um3

Description: f3\_average\_volume\_of\_lc

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## F1 average roundness of vg5+ DETC MGP\_EEI\_071\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_average\_roundness\_of\_vg5\_detc

---

## F2 average roundness of vg5+ DETC MGP\_EEI\_072\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_average\_roundness\_of\_vg5\_detc

---

## F3 average roundness of vg5+ DETC MGP\_EEI\_073\_001 | v1.0

simpleParameter



Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_average\_roundness\_of\_vg5\_detc

---

## F1 average roundness of CD45+ vg5- MHC II- cells MGP\_EEI\_

074\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_average\_roundness\_of\_cd45\_vg5\_mhc\_ii\_cells

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## F2 average roundness of CD45+ vg5- MHC II- cells MGP\_EEI\_

075\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_average\_roundness\_of\_cd45\_vg5\_mhc\_ii\_cells

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## F3 average roundness of CD45+ vg5- MHC II- cells MGP\_EEI\_

076\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_average\_roundness\_of\_cd45\_vg5\_mhc\_ii\_cells

---

## F1 average roundness of vg5+ DETC contacting LC MGP\_EE

I\_077\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_average\_roundness\_of\_vg5\_detc\_contacting\_lc

---

## F2 average roundness of vg5+ DETC contacting LC MGP\_EE

I\_078\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_average\_roundness\_of\_vg5\_detc\_contacting\_lc

---

## F3 average roundness of vg5+ DETC contacting LC MGP\_EE

I\_079\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_average\_roundness\_of\_vg5\_detc\_contacting\_lc

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## F1 average roundness of vg5+ DETC not contacting LC MG

P\_EEI\_080\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_average\_roundness\_of\_vg5\_detc\_not\_contacting\_lc

---

## F2 average roundness of vg5+ DETC not contacting LC MG

P\_EEI\_081\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_average\_roundness\_of\_vg5\_detc\_not\_contacting\_lc

---

## F3 average roundness of vg5+ DETC not contacting LC MG

P\_EEI\_082\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_average\_roundness\_of\_vg5\_detc\_not\_contacting\_lc

---

## F1 average roundness of LC MGP\_EEI\_083\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_average\_roundness\_of\_lc

---

## F2 average roundness of LC MGP\_EEI\_084\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_average\_roundness\_of\_lc

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## F3 average roundness of LC MGP\_EEI\_085\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_average\_roundness\_of\_lc

---

## F1 average no of branches on vg5+ DETC MGP\_EEI\_086\_001 | v1

.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_average\_no\_of\_branches\_on\_vg5\_detc

---

## F2 average no of branches on vg5+ DETC MGP\_EEI\_087\_001 | v1

.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_average\_no\_of\_branches\_on\_vg5\_detc

---

## F3 average no of branches on vg5+ DETC MGP\_EEI\_088\_001 | v1

.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_average\_no\_of\_branches\_on\_vg5\_detc

---

## F1 average no of branches on vg5+ DETC contacting LC M

GP\_EEI\_089\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_average\_no\_of\_branches\_on\_vg5\_detc\_contacting\_lc

---

## F2 average no of branches on vg5+ DETC contacting LC M

GP\_EEI\_090\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_average\_no\_of\_branches\_on\_vg5\_detc\_contacting\_lc

---

## F3 average no of branches on vg5+ DETC contacting LC M

GP\_EEI\_091\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_average\_no\_of\_branches\_on\_vg5\_detc\_contacting\_lc

---

## F1 average no of branches on vg5+ DETC not contacting

**LC** MGP\_EEI\_092\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f1\_average\_no\_of\_branches\_on\_vg5\_detc\_not\_contacting\_lc

---

## F2 average no of branches on vg5+ DETC not contacting

**LC** MGP\_EEI\_093\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f2\_average\_no\_of\_branches\_on\_vg5\_detc\_not\_contacting\_lc

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## F3 average no of branches on vg5+ DETC not contacting

**LC** MGP\_EEI\_094\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: f3\_average\_no\_of\_branches\_on\_vg5\_detc\_not\_contacting\_lc

---

## F1 average no of branches on LC MGP\_EEI\_095\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** f1\_average\_no\_of\_branches\_on\_lc

---

## **F2 average no of branches on LC** MGP\_EEI\_096\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** f2\_average\_no\_of\_branches\_on\_lc

---

## **F3 average no of branches on LC** MGP\_EEI\_097\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** f3\_average\_no\_of\_branches\_on\_lc

---

## **F1 average branch length of vg5+ DETC** MGP\_EEI\_098\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false



**Unit Measured:** um

**Description:** f1\_average\_branch\_length\_of\_vg5\_detc

---

## **F2 average branch length of vg5+ DETC** MGP\_EEI\_099\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um

**Description:** f2\_average\_branch\_length\_of\_vg5\_detc

---

## **F3 average branch length of vg5+ DETC** MGP\_EEI\_100\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** um

**Description:** f3\_average\_branch\_length\_of\_vg5\_detc

---

## **F1 average branch length of vg5+ DETC contacting LC** MG

P\_EEI\_101\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um

Description: f1\_average\_branch\_length\_of\_vg5\_detc\_contacting\_lc

---

## F2 average branch length of vg5+ DETC contacting LC MG

P\_EEI\_102\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um

Description: f2\_average\_branch\_length\_of\_vg5\_detc\_contacting\_lc

---

## F3 average branch length of vg5+ DETC contacting LC MG

P\_EEI\_103\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um

Description: f3\_average\_branch\_length\_of\_vg5\_detc\_contacting\_lc

---

## F1 average branch length of vg5+ DETC not contacting

**LC** MGP\_EEI\_104\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um

Description: f1\_average\_branch\_length\_of\_vg5\_detc\_not\_contacting\_lc

---

## F2 average branch length of vg5+ DETC not contacting

**LC** MGP\_EEI\_105\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um

Description: f2\_average\_branch\_length\_of\_vg5\_detc\_not\_contacting\_lc

---

## F3 average branch length of vg5+ DETC not contacting

**LC** MGP\_EEI\_106\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um

Description: f3\_average\_branch\_length\_of\_vg5\_detc\_not\_contacting\_lc

---

## F1 average branch length of LC MGP\_EEI\_107\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um

Description: f1\_average\_branch\_length\_of\_lc

---

## F2 average branch length of LC MGP\_EEI\_108\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um

Description: f2\_average\_branch\_length\_of\_lc

---

## F3 average branch length of LC MGP\_EEI\_109\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: um

Description: f3\_average\_branch\_length\_of\_lc

---

## Type of gd T cell MGP\_EEI\_110\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: type\_of\_gd\_t\_cell

Options: All epidermal gd T cells, Vg5+ epidermal gd T cells only,

---

## Stain MGP\_EEI\_111\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: stain

**Options:**

(C) tcrd vg5 (536) FITC - MHC II (M5/114.15.2) alexafluor647- CD45 (30-F11) efluor450,

(B) tcrd vg5 (536) FITC - MHC II (M5/114.15.2) alexafluor647,

(A) tcrd (GL3) FITC - MHC II (M5/114.15.2) alexafluor647, Wright giemsa,

---

## Microscope MGP\_EEI\_112\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

**Description:** microscope

**Options:** Leica SP2, Leica SP5, Zeiss axioplan, Nikon wide-field inverted TE2000U, Leica DFC300FX (12730046),

---

## **Comment** MGP\_EEI\_113\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** comment

---

## **Images** MGP\_EEI\_114\_001 | v1.0

seriesMediaParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Increments:** Minimum 1

---