

September 23, 2025

# Project 02

## Download HLA Genotype Data



19<sup>th</sup> IHIWS database system development team

# Download HLA Genotype Data

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IHW19 **Dashboard** Lab View Project View Tsuyoshi Hachiya ▾

## Dashboard

Welcome to IHW19 Management System, Tsuyoshi Hachiya

### Metadata Completion Status

#### 🕒 HLA Metadata

Sample Metadata (Stage 1)  
Sample: 1 of 1 completed (100%)

Subject Metadata (Stage 2)  
Subject: 0 of 1 completed (0%)

No HLA metadata found

#### 🔧 Antibody Metadata

Sample Metadata (Stage 1)  
Sample: 1 of 1 completed (100%)

Subject Metadata (Stage 2)  
Subject: 0 of 1 completed (0%)

No Antibody metadata found

#### 🧪 Lab View

Manage lab members, upload files, and configure sharing settings with projects.

[Go to Lab View](#)

#### 📁 Project View

Manage projects, view shared files, and import/export data.

[Go to Project View](#)

Click "Go to Project View"

If you are registered as the Project Leader, a link to the Project View will be displayed.  
If you are the Project Leader and the link to the Project View does not appear, please contact [ihws19@genome-analytics.co.jp](mailto:ihws19@genome-analytics.co.jp).

# Download HLA Genotype Data

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DashboardLab ViewProject View

Tsuyoshi Hachiya

## Project View

Project Management and Shared Data Viewing

Select Project

Choose a project: DATABASE\_TEST

Project Navigation

Project Leaders

Participating Labs

Genotype Data

Antibody Data

Sample Metadata

Subject Metadata

Project Content

Project Leaders7 Leaders

| Name              | Email                             | Lab Code | Lab Name          | Status |
|-------------------|-----------------------------------|----------|-------------------|--------|
| Benedict Matern   | ben.matern@pirche.com             |          | Benedict Matern   | Leader |
| Kazutoyo Osoegawa | kazutoyo@stanford.edu             |          | Kazutoyo Osoegawa | Leader |
| Steven Mack       | Steven.Mack@ucsf.edu              |          | Steven Mack       | Leader |
| Toshiaki Katayama | ktym@dbcls.jp                     |          | Toshiaki Katayama | Leader |
| Tsuyoshi Hachiya  | hachiya@genome-analytics.co.jp    |          | Tsuyoshi Hachiya  | You    |
| William Lemieux   | william.lemieux@hema-quebec.qc.ca |          | William Lemieux   | Leader |
| Yosuke Kawai      | kawai.y@jihs.go.jp                |          | Yosuke Kawai      | Leader |

# Download HLA Genotype Data

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Dashboard

Lab View

Project View

 Tsuyoshi Hachiya ▾

## Project View

Project Management and Shared Data Viewing

If you are registered as the Project Leader for multiple projects, you can select those projects.

Select Project

Select Project

Choose a project:

Choose a project...

✓ DATABASE\_TEST

Genome Analytics Japan

Genome Analytics Japan\_1

Project Name 002

Project Navigation

 Project Leaders

 Participating Labs

 Genotype Data

 Antibody Data

 Sample Metadata

 Subject Metadata

Project Content

 Project Leaders

7 Leaders

| Name              | Email                                                                                    | Lab Code | Lab Name          | Status |
|-------------------|------------------------------------------------------------------------------------------|----------|-------------------|--------|
| Benedict Matern   | <a href="mailto:ben.matern@pirche.com">ben.matern@pirche.com</a>                         |          | Benedict Matern   | Leader |
| Kazutoyo Osoegawa | <a href="mailto:kazutoyo@stanford.edu">kazutoyo@stanford.edu</a>                         |          | Kazutoyo Osoegawa | Leader |
| Steven Mack       | <a href="mailto:Steven.Mack@ucsf.edu">Steven.Mack@ucsf.edu</a>                           |          | Steven Mack       | Leader |
| Toshiaki Katayama | <a href="mailto:ktym@dbcls.jp">ktym@dbcls.jp</a>                                         |          | Toshiaki Katayama | Leader |
| Tsuyoshi Hachiya  | <a href="mailto:hachiya@genome-analytics.co.jp">hachiya@genome-analytics.co.jp</a>       |          | Tsuyoshi Hachiya  | You    |
| William Lemieux   | <a href="mailto:william.lemieux@hema-quebec.qc.ca">william.lemieux@hema-quebec.qc.ca</a> |          | William Lemieux   | Leader |
| Yosuke Kawai      | <a href="mailto:kawai.y@jihs.go.jp">kawai.y@jihs.go.jp</a>                               |          | Yosuke Kawai      | Leader |

# Download HLA Genotype Data

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DashboardLab ViewProject View

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## Project View

Project Management and Shared Data Viewing

Select Project

Choose a project: DATABASE\_TEST

Project Navigation

Project Leaders

Participating Labs

Genotype Data

Antibody Data

Sample Metadata

Subject Metadata

Project Content

Project Leaders7 Leaders

| Name              | Email                             | Lab Code | Lab Name          | Status |
|-------------------|-----------------------------------|----------|-------------------|--------|
| Benedict Matern   | ben.matern@pirche.com             |          | Benedict Matern   | Leader |
| Kazutoyo Osoegawa | kazutoyo@stanford.edu             |          | Kazutoyo Osoegawa | Leader |
| Steven Mack       | Steven.Mack@ucsf.edu              |          | Steven Mack       | Leader |
| Toshiaki Katayama | ktym@dbcls.jp                     |          | Toshiaki Katayama | Leader |
| Tsuyoshi Hachiya  | hachiya@genome-analytics.co.jp    |          | Tsuyoshi Hachiya  | You    |
| William Lemieux   | william.lemieux@hema-quebec.qc.ca |          | William Lemieux   | Leader |
| Yosuke Kawai      | kawai.y@jihs.go.jp                |          | Yosuke Kawai      | Leader |

Click  
"Genotype  
Data"

# Download HLA Genotype Data

## Project View

Project Management and Shared Data Viewing

Select Project

Choose a project: DATABASE\_TEST [▼](#)

- Project Navigation
- [👤 Project Leaders](#)
  - [🏢 Participating Labs](#)
  - [🔍 Genotype Data](#)
  - [🔧 Antibody Data](#)
  - [🧴 Sample Metadata](#)
  - [👤 Subject Metadata](#)

Project Content

🔍 Genotype Data

[📄 Download HML](#) [235 Records](#) [2 Labs](#)

📘 Read-only view: Showing HLA data from projects available in LabView. Your lab is not participating in this project.

List of HLA genotype data is shown

| Sample ID          | Locus | Lab Code   | GL String                                                        | Import Date | Actions           |
|--------------------|-------|------------|------------------------------------------------------------------|-------------|-------------------|
| IHW19SAM0000000208 | HLA-A | USAMACTEST | HLA-A*02:01:01:01<br><a href="#">Show more</a> <a href="#">▼</a> | 2025-09-21  | <a href="#">👁</a> |
| IHW19SAM0000000208 | HLA-B | USAMACTEST | HLA-B*08:01:01:01<br><a href="#">Show more</a> <a href="#">▼</a> | 2025-09-21  | <a href="#">👁</a> |
| IHW19SAM0000000208 | HLA-C | USAMACTEST | HLA-C*03:03:01:01<br><a href="#">Show more</a> <a href="#">▼</a> | 2025-09-21  | <a href="#">👁</a> |

# Download HLA Genotype Data

## Project View

Project Management and Shared Data Viewing

Select Project

Choose a project: DATABASE\_TEST ▾

- Project Navigation
- [👤 Project Leaders](#)
  - [🏢 Participating Labs](#)
  - [🧬 Genotype Data](#)
  - [🔍 Antibody Data](#)
  - [🧴 Sample Metadata](#)
  - [👤 Subject Metadata](#)

Project Content

🧬 Genotype Data

[Download HML](#) [235 Records](#) [2 Labs](#)

Read-only view: Showing HLA data from project participating labs. Data management is available in LabView. Your lab is not participating in this project.

| Sample ID          | Locus | Lab Code   | GL String                                        | Imp Date   | Icons             |
|--------------------|-------|------------|--------------------------------------------------|------------|-------------------|
| IHW19SAM0000000208 | HLA-A | USAMACTEST | HLA-A*02:01:01:01<br><a href="#">Show more ▾</a> | 2025-09-21 | <a href="#">👁</a> |
| IHW19SAM0000000208 | HLA-B | USAMACTEST | HLA-B*08:01:01:01<br><a href="#">Show more ▾</a> | 2025-09-21 | <a href="#">👁</a> |
| IHW19SAM0000000208 | HLA-C | USAMACTEST | HLA-C*03:03:01:01<br><a href="#">Show more ▾</a> | 2025-09-21 | <a href="#">👁</a> |

Click here to show data detail

# Download HLA Genotype Data

←

→

↺

https://data.ihw19.org/project/#hla\_genotype\_data

🔍

📄

📥

👤 ゲスト

⋮

IHW19

Dashboard

Lab View

Project View

Tsuyoshi Hachiya

Project Manager

Select Project

Choose a project:

Project Navigation

👤 Project Leaders

🏢 Participating Labs

🧬 Genotype Data

🔍 Antibody Data

📄 Sample Metadata

👤 Subject Metadata

HLA Genotype Details: IHW19SAM0000000208

Sample ID: IHW19SAM0000000208

Database ID: 5630

Locus: HLA-A

Data Type: Genotype Data

📘 This is a basic details view for HLA genotype data. Additional details can be added in future enhancements.

Close

Pro

Genotype Data

📄 Download HML

235 Records

2 Labs

📘 Read-only view: Showing HLA data from project participating labs. Data management is available in LabView. Your lab is not participating in this project.

| Sample ID          | Locus | Lab Code   | GL String                             | Import Date | Actions |
|--------------------|-------|------------|---------------------------------------|-------------|---------|
| IHW19SAM0000000208 | HLA-A | USAMACTEST | HLA-A*02:01:01:01<br><a>Show more</a> | 2025-09-21  | 👁       |
| IHW19SAM0000000208 | HLA-B | USAMACTEST | HLA-B*08:01:01:01<br><a>Show more</a> | 2025-09-21  | 👁       |
| IHW19SAM0000000208 | HLA-C | USAMACTEST | HLA-C*03:03:01:01<br><a>Show more</a> | 2025-09-21  | 👁       |

Data detail is shown



# Download HLA Genotype Data

## Project View

Project Management and Shared Data Viewing

Select Project

Choose a project: DATABASE\_TEST ▾

- Project Navigation
- Project Leaders
  - Participating Labs
  - Genotype Data
  - Antibody Data
  - Sample Metadata
  - Subject Metadata

Project Content

Genotype Data

[Download HML](#) [235 Records](#) [2 Labs](#)

**Read-only view:** Showing HLA data from project participating labs. Data management is available in LabView. Your lab is not participating in this project.

| Sample ID          | Locus | Lab Code   | GL String                                        | Import Date | Actions |
|--------------------|-------|------------|--------------------------------------------------|-------------|---------|
| IHW19SAM0000000208 | HLA-A | USAMACTEST | HLA-A*02:01:01:01<br><a href="#">Show more ▾</a> | 2025-09-21  |         |
| IHW19SAM0000000208 | HLA-B | USAMACTEST | HLA-B*08:01:01:01<br><a href="#">Show more ▾</a> | 2025-09-21  |         |
| IHW19SAM0000000208 | HLA-C | USAMACTEST | HLA-C*03:03:01:01<br><a href="#">Show more ▾</a> | 2025-09-21  |         |

Click here to download all HLA genotype data

# Download HLA Genotype Data

← → ↻ [https://data.ihw19.org/project/#hla\\_genotype\\_data](https://data.ihw19.org/project/#hla_genotype_data) ゲスト

IHW19 Dashboard Lab View **Project View** Tsuyoshi Hachiya ▾

## Project View

Project Management and Shared Data Viewing

Select Project Choose a project:

Project Navigation

- よく使う項目
  - アプリケ...
  - デスクト...
  - 書類
  - ダウンロード...
  - Dropbox...
  - Dropbox...
- iCloud
  - iCloud Dri...
  - 共有
- 場所
  - Dropbox...
  - Dropbox...
- タグ
  - Online-o...

Genotype Data

Antibody Data

Sample Metadata

Subject Metadata

名前: DATABASE\_TEST\_HLA\_Data\_20250921

タグ:

ダウンロード

検索

新規フォルダ

キャンセル 保存

Click "Save"

|                    |       |            |                   |            |  |
|--------------------|-------|------------|-------------------|------------|--|
| IHW19SAM0000000208 | HLA-A | USAMACTEST | HLA-A*02:01:01:01 | 2025-09-21 |  |
| IHW19SAM0000000208 | HLA-B | USAMACTEST | HLA-B*08:01:01:01 | 2025-09-21 |  |
| IHW19SAM0000000208 | HLA-C | USAMACTEST | HLA-C*03:03:01:01 | 2025-09-21 |  |

# Download HLA Genotype Data

HLA genotype data is downloaded in the HML format

```
<hml xmlns="http://schemas.nmdp.org/spec/hml/1.0.1" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" version="1.0.1" project-name="IHIW19 Management System" xsi:schemaLocation="http://schemas.nmdp.org/spec/hml/1.0.1 hml-1.0.1.xsd">
  <hmlid root="2.16.840.1.113883.3.1470" extension="IHIW19-20250923195033"/>
  <reporting-center reporting-center-id="ucasai" reporting-center-context="NMDP"/>
  <sample id="IHIW19SAM0000000215">
    <collection-method>BUCCAL SWAB</collection-method>
    <typing gene-family="HLA" date="2021-08-13">
      <allele-assignment date="2021-08-13" allele-db="IMGT/HLA" allele-version="3.44.0">
        <haploid locus="HLA-A" method="DNA" type="33:03:01:01"/>
        <haploid locus="HLA-A" method="DNA" type="74:01:01:01"/>
        <glstring>HLA-A*33:03:01:01+HLA-A*74:01:01:01</glstring>
      </allele-assignment>
      <allele-assignment date="2021-08-13" allele-db="IMGT/HLA" allele-version="3.44.0">
        <haploid locus="HLA-B" method="DNA" type="14:01:01:01"/>
        <haploid locus="HLA-B" method="DNA" type="56:01:01:03"/>
        <glstring>HLA-B*14:01:01:01+HLA-B*56:01:01:03</glstring>
      </allele-assignment>
      <allele-assignment date="2021-08-13" allele-db="IMGT/HLA" allele-version="3.44.0">
        <haploid locus="HLA-C" method="DNA" type="01:02:01:01"/>
        <haploid locus="HLA-C" method="DNA" type="07:05"/>
        <glstring>HLA-C*01:02:01:01+HLA-C*07:05</glstring>
      </allele-assignment>
      <allele-assignment date="2021-08-13" allele-db="IMGT/HLA" allele-version="3.44.0">
        <haploid locus="HLA-DPA1" method="DNA" type="01:03:01:20"/>
        <haploid locus="HLA-DPA1" method="DNA" type="03:01:01:01"/>
        <glstring>HLA-DPA1*01:03:01:20+HLA-DPA1*03:01:01:01</glstring>
      </allele-assignment>
      <allele-assignment date="2021-08-13" allele-db="IMGT/HLA" allele-version="3.44.0">
        <haploid locus="HLA-DPB1" method="DNA" type="18:01:01:01"/>
        <haploid locus="HLA-DPB1" method="DNA" type="105:01:01:01"/>
        <haploid locus="HLA-DPB1" method="DNA" type="105:01:01:11"/>
        <glstring>HLA-DPB1*18:01:01:01+HLA-DPB1*105:01:01:01+HLA-DPB1*105:01:01:11</glstring>
      </allele-assignment>
      <allele-assignment date="2021-08-13" allele-db="IMGT/HLA" allele-version="3.44.0">
        <haploid locus="HLA-DQA1" method="DNA" type="01:02:01:05"/>
        <haploid locus="HLA-DQA1" method="DNA" type="03:03:01:01"/>
        <haploid locus="HLA-DQA1" method="DNA" type="03:03:01:12"/>
        <haploid locus="HLA-DQA1" method="DNA" type="03:03:01:15"/>
        <glstring>HLA-DQA1*01:02:01:05+HLA-DQA1*03:03:01:01+HLA-DQA1*03:03:01:12+HLA-DQA1*03:03:01:15</glstring>
      </allele-assignment>
      <allele-assignment date="2021-08-13" allele-db="IMGT/HLA" allele-version="3.44.0">
        <haploid locus="HLA-DQB1" method="DNA" type="02:02:01:02"/>
        <haploid locus="HLA-DQB1" method="DNA" type="06:02:01:04"/>
        <glstring>HLA-DQB1*02:02:01:02+HLA-DQB1*06:02:01:04</glstring>
      </allele-assignment>
      <allele-assignment date="2021-08-13" allele-db="IMGT/HLA" allele-version="3.44.0">
        <haploid locus="HLA-DRB1" method="DNA" type="09:01:02:07"/>
        <haploid locus="HLA-DRB1" method="DNA" type="11:01:02:01"/>
        <glstring>HLA-DRB1*09:01:02:07+HLA-DRB1*11:01:02:01</glstring>
      </allele-assignment>
      <allele-assignment date="2021-08-13" allele-db="IMGT/HLA" allele-version="3.44.0">
        <glstring>HLA-DRB3*02:02:01:05</glstring>
      </allele-assignment>
    </typing>
  </sample>
</hml>
```