

Submit your disease-related variant data to MGeND

In order to promote basic research and medicine based on genomic information, the database which widely collects and stores the disease-related variants is necessary. We have developed and operated the database "MGeND" under the AMED Integrated Database Project for Clinical Genome Information since April 2021. We encourage you to actively register your data!

Submission data items

- Disease or diagnosis name (standardized)
 - (Age (range))
 - (Sex (incl. "unclear", "mixed"))
- Gene name
- Genotype (1 ~ several polymorphisms such as SNPs and mutation)

Submit data to:

Medical Genomics Japan Variant Database(MGeND)
<https://mgend.jihs.go.jp>

Contact information:

MGeND Office:
mgend-info@jihs.go.jp

[1] Variant data obtained from genomic medical research and analysis conducted on a variety of diseases, and for which the following information is included in the patient (research participant) informed consent document

- (a) "the results of analysis will be released to public databases", OR
- (b) "the results of the analysis will be published as academic papers"

(* Based on the interpretation of the guidelines, it is judged that consent for release to the domestic database has been obtained. It is not necessary to report to the ethics review committee of the institution.)

→ **Your data can be submitted after confirmation of the statements**

[2] The disease-related variant data which was already published in academic papers. (In addition to your own research papers and public reports by research groups, including the data obtained from papers and reports published by other researchers*) (*It is out of scope of "Ethical Guidelines for Human Genome/Gene Analysis Research in Japan", as "sample, whose scientific value is fixed and whose research achievements are fully recognized, and which is widely used for research and is commonly available, be excluded")

→ **Your data can be submitted immediately**

[3] If NOT for [1],[2], contact us for if your disease-related variant data is capable for submission. (e.g.) Unpublished AND does not correspond to the above [1] and [2], etc.)

Many data can be submitted immediately. Please contact us if you need any help. Thank you for your cooperation!

(MGeND submission flowchart)

What kind of disease-related variant data are you submitting to MGeND?

Already published in academic papers? ([2] on the cover)

Yes

No

[1] Variant data obtained from genomic medical research and analysis conducted on a variety of diseases, and for which the following information is included in the patient (research participant) informed consent document
(a) “the results of analysis will be released to public databases”, OR
(b) “the results of the analysis will be publish as academic papers”
([1] on the cover)

Yes

No

Your disease-related variant data can be submitted immediately. Please contact MGeND Office by email. (Please fill out and send a simple data submission form. Your data will be accepted after confirmation by the committee**.)

** Please note that it takes some time for the information to be released to the public.

Contact us for if your disease-related variant data is capable for submission. Even if does not fit in [1] or [2] ([3] on the cover), data may be submitted with ethical review board approval and opt-out.

If not certain, contact MGeND Office.
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