

NU CAGI Data Use Agreement

This Data Use Agreement (“**DUA**”) outlines the rules for your access and use of sensitive data in the Critical Assessment of Genome Interpretation (CAGI) challenge for the Rare Genomes Project (“**RGP Challenge**”).

Northeastern University (“**Northeastern**”) is providing you (“**Participant**”) with sensitive data specifically for your participation and work in the RGP Challenge. This sensitive data is CONFIDENTIAL and must be handled with care (“**Data**”).

By signing this DUA, you agree to follow all the rules outlined below. These rules are essential to protect the privacy of the Data, and your signature and acceptance of this DUA is required to access and use the Data and participate in the RGP Challenge.

1. Data

The Data includes all de-identified genotype and phenotype data and all related information that is provided by Northeastern for your participation in the RGP Challenge.

2. Permitted Use

You are **ONLY** allowed to access and use the Data for analysis and research directly related to the RGP Challenge. Any other use of the Data is **PROHIBITED**.

Participant agrees that Northeastern will provide a copy of the Participant’s predilections and/or other results to The Broad Institute, Inc. (“**Broad**”).

Prohibited Actions

You are strictly prohibited from using the Data for the following:

- Attempting Re-identification: Do **not** use the Data to establish the individual identities of the subjects from whom the Data were obtained.
- Unauthorized Sharing: Do **not** disclose, transfer, share, or make the Data available to any other individual, institution or entity.
- Commercial Purpose: Do **not** use the Data for any commercial purpose or profit.
- Personal Gain or Research: Do **not** use the Data for any personal gain or outside your participation in the RGP Challenge, including for any other research purposes.
- Data Merging: Do **not** combine the Data with any other datasets, including data received from the other CAGI challenges.
- Illegal or Unethical Use: Do **not** use the Data in violation of applicable laws, regulations, or established ethical standards.

3. Safeguarding the Data

You are responsible for maintaining the confidentiality and security for the Data. You **MUST**:

- Treat the Data as Confidential: Regard the Data as private and belonging exclusively to third parties.
- Limit Access: Ensure that only you have access to the Data.
- Security Measures: Use appropriate security measures to protect the Data from unauthorized access or use. Examples include:
 - Utilizing complex, unique passwords for all access points.
 - Storing the Data only on secure, password-protected devices or servers.
 - Regularly backing up the Data in a secure manner.
- Work in Secure Environments: All processing, storage, and analysis of the Data must occur within a secure computing environment. Do **not** submit the Data for predictions on third-party web servers.
- Publication: Do **not** include the Data in any publication, presentation or other public disclosure.

4. Data Deletion

Your right to access and use the Data is limited to the duration of your active participation in the RGP Challenge.

You MUST immediately, completely, and securely delete all the Data by **December 31, 2027**. This includes all copies and versions, regardless of their format, from all your devices, servers, and backup systems.

You will be required to confirm this deletion in writing upon request.

5. Reporting Security Incidents

If you discover or suspect any unauthorized access, use, disclosure or other security incident of the Data, you MUST:

- Notify: Immediately inform Northeastern after discovering or suspecting a security incident.
- Cooperate: Help with Northeastern's investigation of the incident as directed.

6. Participant's Responsibility

You agree to take full responsibility for your failure to comply with this DUA, including any unauthorized access, use or disclosure of the Data.

7. Institution's Responsibility

The Participant's Institution (as defined below) represents and warrants that:

- (a) It is an entity duly organized, validly existing, and in good standing under the laws of its jurisdiction of incorporation or formation;
- (b) It has full corporate power and authority to enter into this DUA and to perform its obligations hereunder; and
- (c) The individual signing this DUA on its behalf is duly authorized to do so and to bind the party to the terms of this DUA as the Institution's authorized signatory.

Acknowledgments and Signatures:

By signing below, you acknowledge and agree that you have read, understood, and commit to fully comply with all the rules in this DUA. You further acknowledge and agree that any failure to follow these rules may lead to your disqualification from the RGP Challenge and potential further action by Northeastern and/or Broad.

{signature}

Participant's Name:

Date:

*By signing below, the authorized representative, on behalf of the Participant's institution, organization, and/or entity (collectively, the "**Institution**"), hereby acknowledges and agrees that the Institution assumes full responsibility and liability for the Participant's compliance with all terms and conditions of this DUA. The Institution further acknowledges and agrees that any act or omission by the Participant that constitutes a breach of this DUA shall be deemed a breach by the Institution, enforceable against the Institution to the same extent as if committed directly by the Institution.*

{signature}

Participant's Institution:

Authorized Signatory's Name:

Date: