**Glossary**

**Blockchain:** Blockchain is a distributed database which aims to manage the blocks inside it. **Block:** Blocks are continuously-growing list of records which are safe from revision and tempering.

**Raw data:** Raw data is the actual data that clients will use to conduct their research.

**Akamai:** Akamai is a company providing content delivery network and cloud services to its customers.

**NetStorage:** NetStorage is a cloud based storage which aims to enhance the quality and the performance of the delivery.

**Genomics data:** Genomics data contains information about the human genome such as DNA sequence, mutations and genetic disorders.

**Phenotype data:** Phenotype data contains information about the observable characteristics of human such as eye color, hair color and height.

**Centralized database:** Centralized database is a database where all the data are stored and maintained in one physical location.

**dbGaP:** dbGaP is a database containing genotypes and phenotypes data in a centralized database. It enables users to conduct advanced research by analyzing the data.