## Data Sharing in the GREGoR Consortium to Support Rare Genetic Disease Research

Background: The GREGoR Consortium (Genomics Research to Elucidate the Genetics of Rare diseases) seeks to develop and apply approaches to discover the cause of currently unexplained Mendelian genetic disorders.

GREGoR Consortium Data is available on NHGRI's AnVIL platform.

Researchers can access GREGoR data via dbGaP study phs003047.

**Consortium Data Summary** 

The GREGoR Consortium data model available at https://github.com/UW-GAC/gregor\_data\_models

## Most Frequent GREGoR Phenotypes (HPO Term Counts)







http://gregorconsortium.org/

Heavner BD, Berger SI, Chong JX, Jhangiani SN, O'Donnell-Luria A, Austin-Tse C, Baxter S, Conomos MP, Coban-Akdemir Z, Délot E, Goddard PC, Gogarten SM, Jolly A, Mahmoud M, Marwaha S, Miller DE, Posey JE, Rehm H, Sanchis-Juan A, Stilp AM, Tong CC, Ungar RA, Wheeler M, Genomics Research to Elucidate the Genetics of Rare Diseases (GREGoR)



HO SHOULD

Rare disease curators/analysts/tool

Clinicians who want to query patients'

Variants in a rare disease cohort

Bioinformaticians interested in data

Anyone interested in acc-

The GREGoR Consortium is funded by the National Human Genome Research Institute of the National Institutes of Health, through the following grants: U01HG011758, U01HG011755, U01HG011745, U01HG011762, U01HG011744, and U24HG011746. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health.