Simons Searchlight Registry Update
PACS1 (Schuurs-Hoeijmakers)

March 2021

About this Report

The report shows data collected in Simons Searchlight from PACS1 (Schuurs-Hoeijmakers) participants. Data from other published research are not included.

Data presented in this report come primarily from the medical history phone call. The data are current and may reflect information not yet available in an official researcher data release.

Graphs show counts of individuals in each category. Individual participants may appear in more than one category if they report multiple conditions.

This report may look different from previous reports because we have streamlined our process and updated the variants.

Variants

Graphs include individuals with variants classified as pathogenic or likely pathogenic unless otherwise noted. Variants of uncertain significance (VUS) and less typical variants are not included.

We reassess variants classified as VUS annually.

Ages in Years
Individul participants: 20

Participation & Registration
Learn more at SimonsSearchlight.org

STEP 1
Sign up online.

STEP 2
Provide your clinical lab report.

STEP 3
Schedule medical history phone call with a genetic counselor.

STEP 4
Fill out surveys.

STEP 5
Provide a blood sample if you are interested.

STEP 6
We follow up with you over time.

PACS1 (Schuurs-Hoeijmakers) Progress
Includes families registered with all variant types

* Most recent data release - February 2021
Developmental & Behavioral Diagnoses
Individual participants: 20

- Intellectual Disability/Developmental Delay: 19
- Autism: 10
- Language Impairment: 6
- ADHD: 1

Gastrointestinal Problems
Individual participants: 20

- Constipation: 11
- GERD: 9
- Diarrhea: 1
- Irritable Bowel Syndrome: 1

Neurological Problems
Individual participants: 20

- Clumsy: 8
- Low Muscle Tone: 19
- High Muscle Tone: 4
- Large Head Size: 2
- Small Head Size: 1
- Movement Disorder: 5
- Tic Disorder: 1

Seizures
Individual participants: 10

- Myoclonic: 1
- Simple Partial: 3
- Petit Mal: 2
- Grand Mal: 5