How to Participate

The information in this report is made possible by the active participation of the PPP2R5D community! Progress for individuals in your community with a PPP2R5D variant is shown below – log in to your simonssearchlight.org dashboard today to check for new surveys and tasks. Your data could hold the clues geneticists need to find answers.

**STEP 1** Sign up online.

**STEP 2** Provide your genetic lab report.

**STEP 3** Share your important medical history.

**STEP 4** Fill out surveys.

**STEP 5** Provide a blood sample if you are interested.

**STEP 6** Update us every year.

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**Participant Age at Most Recent Interview**

**Developmental & Behavioral Diagnoses**

**Neurological Problems**

**Gastrointestinal Problems**

Notes:
- Graphs show counts of individuals in each category. Individual participants may appear in more than one category if they report multiple conditions.
- Graphs show data as of the last medical history interview completed on participants who have a pathogenic or likely pathogenic variant.

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Data in these four graphs are from the medical history phone interviews collected in Simons Searchlight on 71 participants with PPP2R5D.
Information Spotlight: Deeper Dive into Sleep

The Simons Searchlight Sleep Supplement is a custom survey. We worked with members of the Simons Searchlight community and sleep researchers to design these questions. It asks caregivers about children’s sleep habits and the impact of health issues on sleep behaviors. The survey looks at children between ages 2 and 18 years of age. 29 children with PPP2R5D are represented.

Medical issues related to sleep problems in children with PPP2R5D*

- Breathing problems: 9
- Restless legs: 4
- Runny nose: 4
- Anxiety: 4
- Medication side effects: 2
- Autonomic dysfunction: 2
- GI symptoms: 2
- Sleep apnea/snoring: 2
- Pain: 4
- Seizures: 4

Best Ways to Help Sleep: Community Recommendations*

- Bathroom break before bed: 2
- Discipline: 3
- Sound or white noise machine: 3
- Medication: 5
- Parent lying in their bed until they fall asleep: 5
- Bedtime routine or ritual: 8

* Caregivers were able to select more than one answer

Thank you for contributing knowledge to Simons Searchlight!