



What is BINGO?

BINGO stands for **B**rain and **B**ehaviour **I**n **N**eurodevelopmental disorders of **G**enetic **O**origin. BINGO is a research project involving researchers from the MRC Cognition and Brain Sciences Unit (MRC CBU), University of Cambridge and University of Oxford. Our aim is to find out the different ways that genes can affect the brain, and understand the different problems that this can cause for individuals with intellectual disabilities (ID).

We need your help!

We are currently looking to hear from families of adults and children with mutations in the following genes:

AP1S2, ARID1B, CASK, CTNNB1, CUL4B, DDX3X, DLG3, DYRK1A, EHMT1, GABAR1A, GABRA1, GABAR3, GABRB3, GRIN2A, GRIN2B, HUWE1, KAT6B, KMT2D, OPHN1, PAK3, PTCHD1, SETBP1, SETD5, SHANK1, SHANK3, SLC9A6, SMARCA2, STXPB1, SYP, SYT1, TRIO, UBE2A, ZDHHC9.

Taking part:

If you do decide to take part, one of our research assistants will visit you at a location, date and time that suits you and your family. There are three main parts to the home visit:

- Parent Questionnaires and Medical History give us a chance to find out more about your family member's health, learning and behaviour;
- Cognitive Assessments are completed with your family member, which we try to make as fun as possible;
- We also ask the family member to keep an iPad for two weeks to play our Farm App. This app enables us to collect information about their attention, memory and learning over time.

Interested?

If you and your family would like more information about the project please check out our website or contact our research assistants using the following details:

Ms Sinéad O'Brien
Email: bingo@mrc-cbu.cam.ac.uk
TEL: 01223 273726

Ms Elise Ng-Cordell
Email: elise.ng-cordell@psy.ox.ac.uk
TEL: 01865 271382

BINGO website: <http://www.mrc-cbu.cam.ac.uk/bingo/>

BINGO is grateful for support from the following funders:

