S1 Methods. Genotyping of the 16p11.2 by PCR assay.

Genotyping was done by Mouse Genotype (958 Sea Wind Court Carlsbad, CA 92011), based on protocols provided by the Jackson Lab (Figure_S1, Table_S1).

*Sep1 PCR assay:*

| 12634: CAAGCACTGGCTATGCATGT |
| 12635: AAGACAGAATGCTATGCAACCTT |
| 12636: GCTATGAAGATGCCCACCAT |
| 12637: GTGGTAACTCATGCGGTCTT |