



Supplementary Figure 1. Pedigree chart. This pedigree shows the phenotype between the patient and family members. *A case of sequencing of the *SPAST* and *NOTCH3* genes; †A case of heterozygous pathogenic missense mutation in exon 3 of the *NOTCH3* gene [c.224G>C (p.Arg75Pro)] and heterozygous pathogenic five-base deletion in exon 9 of the *SPAST* gene [c.1215_1219del, p.N405fs].