Table S1: List of Primers used to amplify *CACNA2D4* and *C21orf2* genes;

A. List of Primers used in q-PCR:

|  |  |  |  |
| --- | --- | --- | --- |
| Gene | Forward primer (5’→3’) | Reverse primer (5’→3’) | Amplicon length (bp) |
| *CACNA2D4* Exon 26 | CCCATGACTGGGTTGTCTCT | ATGGCTGTCCTCTTGTCCAC | 103 |
| *CACNA2D4* Exon 21 | CCCTGAATGTGGACTCTGGT | CCTGTCTCCCTCCCATTTTT | 105 |
| *CACNA2D4* Exon 19 | AAGCGAGTTCTTTTCCTGACC | CTCACCCCGTGCAAATAAAG | 96 |
| *ZNF80* | CTGTGACCTGCAGCTCATCCT | TAAGTTCTCTGACGTTGACTGATGTG | 120 |
| *GPR15* | GGTCCCTGGTGGCCTTAATT | TTGCTGGTAATGGGCACACA | 101 |

B. List of Primers used to amplify the allele with *C21orf2* deletion:

|  |  |  |  |
| --- | --- | --- | --- |
| Gene | Forward primer (5’→3’) | Reverse primer (5’→3’) | Amplicon length (bp) |
| *C21orf2* | TACACAGGGATCGCATACCA | TGGAGGTTTCCAGGTTATGTC | 1480 |