**Supplementary Table 1.** Thermocycling conditions for Fluidigm PCR amplification of exons from known CDG genes.

|  |  |  |
| --- | --- | --- |
| Temperature | Time | Number |
|  |  | of Cycles |
| 50oC | 2 minutes | 1x |
| 70oC | 20 minutes | 1x |
| 95oC | 10 minutes | 1x |
| 95oC | 15 seconds |  |
| 60oC | 30 seconds | 10x |
| 72oC | 1 minute |  |
| 95oC | 15 seconds |  |
| 80oC | 30 seconds | 2x |
| 60oC | 30 seconds |  |
| 72oC | 1 minute |  |
| 95oC | 15 seconds |  |
| 60oC | 30 seconds | 8x |
| 72oC | 1 minute |  |
| 95oC | 15 seconds |  |
| 80oC | 15 seconds | 2x |
| 60oC | 30 seconds |  |
| 72oC | 1 minute |  |
| 95oC | 15 seconds |  |
| 60oC | 30 seconds | 8x |
| 72oC | 1 minute |  |
| 95oC | 15 seconds |  |
| 80oC | 30 seconds | 5x |
| 60oC | 30 seconds |  |
| 72oC | 1 minute |  |
| 72oC | 3 minutes | 1x |