**Supplementary Table 2. Primers for identified mutations**

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| --- | --- | --- | --- |
| **family ID** | **Gene** | **Genetic mutations** | **Primer sequence** \* |
| F1 | *FBN1* | c.5027\_5028insTGTCCTCC, p.D1677Vfs\*8 | F | CAGGCCATTCCAAAATGTGA |
| R | TTGTGAGCTCTCTTCCTCTTTG |
| F2 | *FBN1* | c.5856delG, p.S1953Lfs\*27 | F | GCTGGGATTATGACATCTTTGG |
| R | TGCATGATTCCTTGAGTGGT |
| F3 | *FBN1* | c.8034C>A,p.Y2678\* | F | TCAGTGGAGGATGCCAAGA |
| R | AAAGCATGGTTCTCCTCTGC |

\* F: forward strand; R: reverse strand