

**Supplemental Table S3: Targeted panel 3.**

| Chromosome | Gene          | Number of amplicons |
|------------|---------------|---------------------|
| Chr16      | <i>COQ7</i>   | 19                  |
| Chr10      | <i>PDSS1</i>  | 11                  |
| Chr9       | <i>APTX</i>   | 22                  |
| Chr19      | <i>APOE</i>   | 9                   |
| Chr19      | <i>ETFB</i>   | 14                  |
| CHR12      | <i>COQ10A</i> | 13                  |
| CHR16      | <i>COQ9</i>   | 12                  |
| CHR14      | <i>COQ6</i>   | 15                  |
| CHR15      | <i>ETFA</i>   | 16                  |
| CHR4       | <i>COQ2</i>   | 15                  |
| CHR6       | <i>COQ3</i>   | 11                  |
| CHR6       | <i>PDSS2</i>  | 24                  |
| CHR12      | <i>COQ5</i>   | 10                  |
| CHR9       | <i>COQ4</i>   | 13                  |
| CHR7       | <i>BRAF</i>   | 28                  |
| CHR4       | <i>ETFDH</i>  | 22                  |
| CHR2       | <i>COQ10B</i> | 11                  |
| CHR1       | <i>ADCK3</i>  | 30                  |