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| **Supplementary table 2.** Primers used to amplify *CmVPS41* exons |  |  |
|  |  |  |  |  |
|   | **Primer** | **Sequence** | **Tm** |  |
| Exon 1-3 |  YJQ 1F | CCCCATAATTGATGTCACCAC  | 55ºC |  |
| YJQ 1R | CAGCTAGTTGCAGTAGCATCC |  |
| Exon 4-6 |  pAG 046 F | CTTTTTAGTTTTGATAGGGCATGT  | 55ºC |  |
|  pAG 046 R | CCACAAAAGCGACATTCTA |  |
| Exon7 |  YJQ 5F | GGCAGGTCTTACAAGTCCCAA  | 55ºC |  |
| YJQ 5R | TGAGATGTCCAAGCGTGTCT |  |
| Exons 8-12 | pAG 044 F | GTCACTTTTGTATGAGGTTAGTAT | 55ºC |  |
| pAG 044 R | CCACAAAAGCGACATTCTA |  |
| Exon 13 | pAG 048 F | CGGTTATGATTCTGTTTAGCTTGA | 55ºC |  |
| pAG 048 R | AGACTACATGGGGCGGCTAC |  |
| Exons 14-17 | YJQ 3F | CGCAGAATTAACATGCCAAG | 55ºC |  |
| YJQ 3R | GTGAAAGGGAACCACAGTCA |  |
| Exons 18,19 | YJQ 4F | GTTGCGACGAGTCATGAAAA  | 55ºC |  |
|  LP16 REV | CTTGCCACCTTTTTCAGTGTT  |  |
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