Table S1  PCR primers used in this study

| PCR            | Primer                 | Sequence                  | Location | Product size (bp)                  | PCR cycles | Annealing temp. (°C) |
|----------------|------------------------|---------------------------|----------|------------------------------------|------------|----------------------|
| RT-PCR         | OPCML-v1F              | cccgccttggacagttttg       | Exon 1   | 863 (v1F0/R4)-v1 278 (v1F0/R4)-v3 | 36-37      | 58                   |
|                | OPCML-v1F              | ggtctgtgggtacctgttc       | Exon 1   | 280 (v1F/R4)                      |            |                      |
|                | OPCML-v2F              | atgtaccatcctgcctactg      | Exon 1b  | 263 (v2F/R4)                      |            |                      |
|                | OPCML-F3               | ctgctgatcatctgtgt         | Exon 2   | 229 (F3/R2)                       |            |                      |
|                | OPCML-R2               | ctgcaataagcaagacacag      | Exon 3   |                                    |            |                      |
|                | OPCML-R4               | ggtatagacaggtgtagt        | Exon 2   |                                    |            |                      |
|                | GAPDH55                | atcttgccccctctgtgta       |          | 302 (55/33)                       | 25         | 60                   |
|                | GAPDH33                | gatagcttgccacacagcct      |          |                                    |            |                      |
| MSP            | OPCML-m1               | cgttagtttttacctgttc       | v1 Promoter | 129 (m1/m2)                  | 40         | 65                   |
|                | OPCML-m2               | cgaaaagccagcaagacgag      | v1 Promoter | 136 (u1/u2)                  | 40         | 60                   |
|                | OPCML-u1               | ttgattttttcgctgtgtagt     | v1 Promoter | 129 (m1/m2)                  | 40         | 60                   |
|                | OPCML-u2               | ccaaaacaaaaacacacaccaacacaca | v1 Promoter | 136 (u1/u2)                  | 40         | 60                   |
|                | OPCML-BGS1             | gttttttgaggggaagtt         | v1 Promoter | 609 (BGS1/BGS2)            | 40         | 58                   |
|                | OPCML-BGS2             | tattataacacacacataaaacacat | v1 Promoter | 609 (BGS1/BGS2)            | 40         | 58                   |
| BGS            | OPCML-F3               | ctgctgatcatctgtgt         | v1 Promoter | 129 (m1/m2)                  | 40         | 60                   |
|                | OPCML-int2R            | agtcaaactctgtgatctcgtag   | v1 Promoter | 136 (u1/u2)                  | 40         | 60                   |
|                | GAPDH-int7F            | gctcactcttttgccagacagt    | v1 Promoter | 155 (int7F/33)              | 32         | 58                   |
|                | GAPDH33                | atgacctttgccacagcct       | v1 Promoter | 155 (int7F/33)              | 32         | 58                   |
| DNA-PCR        | DxR                    | tccaggtactctctcact        | Exon 2   | 272 (F3/int2R)                  | 32         | 58                   |
| for deletion   |                        |                           | Intron 2 |                                    |            |                      |
| (Multiplex    |                        |                           |          |                                    |            |                      |
| PCR            |                        |                           |          |                                    |            |                      |
| 5' RACE        |                        |                           |          |                                    |            |                      |
| cDNA synthesis |                        |                           |          |                                    |            |                      |
| PCR1           | R2 (paired with AAP)   | ctgcaataagcaagacacag      |          |                                    |            |                      |
| PCR2           | R (paired with AUAP)   | tgaagctttgccacagcct       |          |                                    |            |                      |