**Supplementary Table 4.** Primer sequences for MSP

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| --- | --- |
| Primer | Sequence |
| GPX4 Segment1 F | AAAGGGGTTTTTTAAGGGGATGATTTTG |
| GPX4 Segment1 R | CCTACAACCAATAAAAAACC |
| GPX4 Segment2 F | GGTTTTTTATTGGTTGTAGG |
| GPX4 Segment2 R | CCACCATAATACCTACCAAACC |
| GPX4 Segment3 F | GGTTTGGTAGGTATTATGGTGG |
| GPX4 Segment3 R | CTCACCACCCAAAAACCTCC |
| GPX4 Segment4 F | GGAGGTTTTTGGGTGGTGAG |
| GPX4 Segment4 R | CCACACACCAAACCCAAAAACTC |