**Table S3 Primer sequences used in this study**

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| **Fragment** | **Primer ID** | **Nucleotide sequence (5’-3’)** |
| **1** | SPA-2756 |  ACATTTTTTCCTCAACATTT |
|  | SPA-3665 | CCACAAATTTCTGAACACTG |
| **2** | SPA-3399 | TCTATTGGTCATCAATGGTACTG |
|  | SPA-4061 | GAAAATAAATTTGTTATCATTTTCA |
| **3** | SPA-3790 | CATTAAGTGACTGAAAGCAAGTA |
|  | SPA-4552 | ATGACCTGCAATTATATTAGC |
| **4** | SPA-4463 | TTTTATCATCTTATTCCTGTGGG |
|  | SPA-4908 | CGTGTTACATCACGTCATCATTG |
| **5** | SPA-4792 | GTAGATGCAAGCCCTTGACC |
|  | SPA-5731 | ATTGGATCAAATCCACATTC |
| **6** | SPA-5747 | CCATTTGAATGTGGRTTTGATCC |
|  | SPA-6384 | AAAATTAAAAGCATAATATTGAAG |
| **7** | SPA-6172 |  AGAGGCAATTTATTGTTAATAA |
|  | SPA-7211 |  TTAAGGCTTTATTATTTATATGTGC |
| **8** | SPA-7077 |  TTAAATCCTTTGAGTAAAATCC |
|  | SPA-7793 |  TTAGGTTGAGATGGTTTAGG |
| **9** | SPA-7572 | AAACGGAAACTGAGCTCTCTTAGT |
|  | SPA-8727 |  AAATCTTTAATTGCCTATTCTTC |
| **10** | SPA-8641 |  CCAGAAGAACATAGCCCATG |
|  | SPA-9629 |  GTTTGTGAAGGTGTGTTGGG |
| **11** | SPA-9648 |  TCCCAACACACCTTCACAAAC |
|  | SPA-11010 |  TATCAACAGCAAATCCTCCTCA |
| **12** | SPB-11335 |  CATATTCAACCAGAATGATA |
|  | SPB-12067 |  AATCGTTCTCCATTTGATTTTGC |
| **13** | SPB-11876 | CGAGGTAAAGTACCACGTACTCA |
|  | SPB-12595 | GTTGGATTTCTAACTTTATTRGARCG |
| **14** | SPB-12261 | TACCTCATAAGAAATAGTTTGAGC |
|  | SPB-13000 |  TTACCTTAGGGATAACAGCGTAA |
| **15** | SPB-12888 |  CCGGTCTGAACTCAGATCATGTA |
|  | SPB-13889 |  ATTTATTGTACCTTTTGTATCAG |
| **16** | SPB-13342 | CCTTTGCACAGTCAAAATACTGC |
|  | SPB-14220 |  TTATGCACACATCGCCCGTC |
| **17** | SPB-14197 |  GTAAAYCTACTTTGTTACGACTT |
|  | SPB-14745 |  GTGCCAGCAAYCGCGGTTATAC |
| **18** | SPB-14610 |  ATAATAGGGTATCTAATCCTAGT |
|  | SPB-200 |  ACCTTTATAAATGGGGTATGAACC |
| **19** | SPB-586 |  CCATTCCATTTYTGATTTCC |
|  | SPB-1738 |  TTTATTCGTGGAAATGCTATGTC |
| **20** | SPB-1709 |  AATTGGTGGTTTTGGAAATTG |
|  | SPB-2776 |  GGTAATCAGAGTATCGACG |
| **21** | SPB-2756 |  ACATTTTTTCCTCAACATTT |
|  | SPB-3389 | TATTCATATCTTCAATATCATTGATG |
| **22** | SPC-10621 |  CTCATACTGATGAAATTTTGGTTC |
|  | SPC-11526 |  TTCTACTGGTCGTGCTCCAATTCA |