Table S2B. 5’-tagged-primer pairs for target sequences PCR

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pooled Samples** | **Amplicon** | **Population Codon (Year)** | **Forward-primers** | **Reverse-primers** |
| *POOL-1* | Amplicon-1 | HAY (2013) | **ACTGT**CAATCGTCTGTTACCTTCGGTCT | **ACTGT**TTCCCTAAAGCTCCCACCGT |
| HLY (2013) | **TTGTA**CAATCGTCTGTTACCTTCGGTCT | **TTGTA**TTCCCTAAAGCTCCCACCGT |
| HXX (2013) | **CATGC**CAATCGTCTGTTACCTTCGGTCT | **CATGC**TTCCCTAAAGCTCCCACCGT |
| HYY (2013) | **TTGAA**CAATCGTCTGTTACCTTCGGTCT | **TTGAA**TTCCCTAAAGCTCCCACCGT |
| HHG (2013) | **AGTAC**CAATCGTCTGTTACCTTCGGTCT | **AGTAC**TTCCCTAAAGCTCCCACCGT |
| HQJ (2013) | **ATGCA**CAATCGTCTGTTACCTTCGGTCT | **ATGCA**TTCCCTAAAGCTCCCACCGT |
| HAX (2013) | **TATGC**CAATCGTCTGTTACCTTCGGTCT | **TATGC**TTCCCTAAAGCTCCCACCGT |
| JXZ (2013) | **TAGAC**CAATCGTCTGTTACCTTCGGTCT | **TAGAC**TTCCCTAAAGCTCCCACCGT |
| SCD (2013) | **AGTTA**CAATCGTCTGTTACCTTCGGTCT | **AGTTA**TTCCCTAAAGCTCCCACCGT |
| SQH (2013) | **AGCCA**CAATCGTCTGTTACCTTCGGTCT | **AGCCA**TTCCCTAAAGCTCCCACCGT |
| SSG (2013) | **CAGAC**CAATCGTCTGTTACCTTCGGTCT | **CAGAC**TTCCCTAAAGCTCCCACCGT |
| ZHM (2013) | **GAATC**CAATCGTCTGTTACCTTCGGTCT | **GAATC**TTCCCTAAAGCTCCCACCGT |
| Amplicon-2 | HAY (2013) | **GACTT**CACAGATTACGTAGACCGATTCC | **GACTT**TTCACCCAATCAATAAACCTTG |
| HLY (2013) | **ACTCA**CACAGATTACGTAGACCGATTCC | **ACTCA**TTCACCCAATCAATAAACCTTG |
| HXX (2013) | **AACCG**CACAGATTACGTAGACCGATTCC | **AACCG**TTCACCCAATCAATAAACCTTG |
| HYY (2013) | **GACAA**CACAGATTACGTAGACCGATTCC | **GACAA**TTCACCCAATCAATAAACCTTG |
| HHG (2013) | **ACGAT**CACAGATTACGTAGACCGATTCC | **ACGAT**TTCACCCAATCAATAAACCTTG |
| HQJ (2013) | **AGAGC**CACAGATTACGTAGACCGATTCC | **AGAGC**TTCACCCAATCAATAAACCTTG |
| HAX (2013) | **ACGTA**CACAGATTACGTAGACCGATTCC | **ACGTA**TTCACCCAATCAATAAACCTTG |
| JXZ (2013) | **CAGAT**CACAGATTACGTAGACCGATTCC | **CAGAT**TTCACCCAATCAATAAACCTTG |
| SCD (2013) | **AAACG**CACAGATTACGTAGACCGATTCC | **AAACG**TTCACCCAATCAATAAACCTTG |
| SQH (2013) | **TACCC**CACAGATTACGTAGACCGATTCC | **TACCC**TTCACCCAATCAATAAACCTTG |
| SSG (2013) | **TCCGT**CACAGATTACGTAGACCGATTCC | **TCCGT**TTCACCCAATCAATAAACCTTG |
| ZHM (2013) | **CCTCA**CACAGATTACGTAGACCGATTCC | **CCTCA**TTCACCCAATCAATAAACCTTG |
| Amplicon-3 | HAY (2013) | **ATTGA**CGGCAAGGCGTACCTCTG | **ATTGA**CAATCGTCTGTTACCTTCGGTCT |
| HLY (2013) | **CCTGA**CGGCAAGGCGTACCTCTG | **CCTGA**CAATCGTCTGTTACCTTCGGTCT |
| HXX (2013) | **GTCGA**CGGCAAGGCGTACCTCTG | **GTCGA**CAATCGTCTGTTACCTTCGGTCT |
| HYY (2013) | **ACTCA**CGGCAAGGCGTACCTCTG | **ACTCA**CAATCGTCTGTTACCTTCGGTCT |
| HHG (2013) | **GAGGT**CGGCAAGGCGTACCTCTG | **GAGGT**CAATCGTCTGTTACCTTCGGTCT |
| HQJ (2013) | **CTGCT**CGGCAAGGCGTACCTCTG | **CTGCT**CAATCGTCTGTTACCTTCGGTCT |
| HAX (2013) | **TACTG**CGGCAAGGCGTACCTCTG | **TACTG**CAATCGTCTGTTACCTTCGGTCT |
| JXZ (2013) | **CCTTA**CGGCAAGGCGTACCTCTG | **CCTTA**CAATCGTCTGTTACCTTCGGTCT |
| SCD (2013) | **ATATC**CGGCAAGGCGTACCTCTG | **ATATC**CAATCGTCTGTTACCTTCGGTCT |
| SQH (2013) | **TGTAC**CGGCAAGGCGTACCTCTG | **TGTAC**CAATCGTCTGTTACCTTCGGTCT |
| SSG (2013) | **GGTAT**CGGCAAGGCGTACCTCTG | **GGTAT**CAATCGTCTGTTACCTTCGGTCT |
| ZHM (2013) | **GTATT**CGGCAAGGCGTACCTCTG | **GTATT**CAATCGTCTGTTACCTTCGGTCT |
| *POOL-2* | Amplicon-1 | HBD (2019) | **ACTGT**CAATCGTCTGTTACCTTCGGTCT | **ACTGT**TTCCCTAAAGCTCCCACCGT |
| HCZ (2019) | **TTGTA**CAATCGTCTGTTACCTTCGGTCT | **TTGTA**TTCCCTAAAGCTCCCACCGT |
| HAY (2019) | **CATGC**CAATCGTCTGTTACCTTCGGTCT | **CATGC**TTCCCTAAAGCTCCCACCGT |
| HKF (2019) | **TTGAA**CAATCGTCTGTTACCTTCGGTCT | **TTGAA**TTCCCTAAAGCTCCCACCGT |
| HSQ (2019) | **AGTAC**CAATCGTCTGTTACCTTCGGTCT | **AGTAC**TTCCCTAAAGCTCCCACCGT |
| HXX (2019) | **ATGCA**CAATCGTCTGTTACCTTCGGTCT | **ATGCA**TTCCCTAAAGCTCCCACCGT |
| HQJ (2019) | **TATGC**CAATCGTCTGTTACCTTCGGTCT | **TATGC**TTCCCTAAAGCTCCCACCGT |
| HCD (2019) | **TAGAC**CAATCGTCTGTTACCTTCGGTCT | **TAGAC**TTCCCTAAAGCTCCCACCGT |
| JXZ (2019) | **AGTTA**CAATCGTCTGTTACCTTCGGTCT | **AGTTA**TTCCCTAAAGCTCCCACCGT |
| SHZ (2019) | **AGCCA**CAATCGTCTGTTACCTTCGGTCT | **AGCCA**TTCCCTAAAGCTCCCACCGT |
| SXJ (2019) | **CAGAC**CAATCGTCTGTTACCTTCGGTCT | **CAGAC**TTCCCTAAAGCTCCCACCGT |
| HXX (2020) | **GAATC**CAATCGTCTGTTACCTTCGGTCT | **GAATC**TTCCCTAAAGCTCCCACCGT |
| JXZ (2020) | **TTGCA**CAATCGTCTGTTACCTTCGGTCT | **TTGCA**TTCCCTAAAGCTCCCACCGT |
| SXJ (2020) | **TACAC**CAATCGTCTGTTACCTTCGGTCT | **TACAC**TTCCCTAAAGCTCCCACCGT |
| Amplicon-2 | HBD (2019) | **GACTT**CACAGATTACGTAGACCGATTCC | **GACTT**TTCACCCAATCAATAAACCTTG |
| HCZ (2019) | **ACTCA**CACAGATTACGTAGACCGATTCC | **ACTCA**TTCACCCAATCAATAAACCTTG |
| HAY (2019) | **AACCG**CACAGATTACGTAGACCGATTCC | **AACCG**TTCACCCAATCAATAAACCTTG |
| HKF (2019) | **GACAA**CACAGATTACGTAGACCGATTCC | **GACAA**TTCACCCAATCAATAAACCTTG |
| HSQ (2019) | **ACGAT**CACAGATTACGTAGACCGATTCC | **ACGAT**TTCACCCAATCAATAAACCTTG |
| HXX (2019) | **AGAGC**CACAGATTACGTAGACCGATTCC | **AGAGC**TTCACCCAATCAATAAACCTTG |
| HQJ (2019) | **ACGTA**CACAGATTACGTAGACCGATTCC | **ACGTA**TTCACCCAATCAATAAACCTTG |
| HCD (2019) | **CAGAT**CACAGATTACGTAGACCGATTCC | **CAGAT**TTCACCCAATCAATAAACCTTG |
| JXZ (2019) | **AAACG**CACAGATTACGTAGACCGATTCC | **AAACG**TTCACCCAATCAATAAACCTTG |
| SHZ (2019) | **TACCC**CACAGATTACGTAGACCGATTCC | **TACCC**TTCACCCAATCAATAAACCTTG |
| SXJ (2019) | **TCCGT**CACAGATTACGTAGACCGATTCC | **TCCGT**TTCACCCAATCAATAAACCTTG |
| HXX (2020) | **CCTCA**CACAGATTACGTAGACCGATTCC | **CCTCA**TTCACCCAATCAATAAACCTTG |
| JXZ (2020) | **TTCCT**CACAGATTACGTAGACCGATTCC | **TTCCT**TTCACCCAATCAATAAACCTTG |
| SXJ (2020) | **CACCA**CACAGATTACGTAGACCGATTCC | **CACCA**TTCACCCAATCAATAAACCTTG |
| Amplicon-3 | HBD (2019) | **ATTGA**CGGCAAGGCGTACCTCTG | **ATTGA**CAATCGTCTGTTACCTTCGGTCT |
| HCZ (2019) | **CCTGA**CGGCAAGGCGTACCTCTG | **CCTGA**CAATCGTCTGTTACCTTCGGTCT |
| HAY (2019) | **GTCGA**CGGCAAGGCGTACCTCTG | **GTCGA**CAATCGTCTGTTACCTTCGGTCT |
| HKF (2019) | **ACTCA**CGGCAAGGCGTACCTCTG | **ACTCA**CAATCGTCTGTTACCTTCGGTCT |
| HSQ (2019) | **GAGGT**CGGCAAGGCGTACCTCTG | **GAGGT**CAATCGTCTGTTACCTTCGGTCT |
| HXX (2019) | **CTGCT**CGGCAAGGCGTACCTCTG | **CTGCT**CAATCGTCTGTTACCTTCGGTCT |
| HQJ (2019) | **TACTG**CGGCAAGGCGTACCTCTG | **TACTG**CAATCGTCTGTTACCTTCGGTCT |
| HCD (2019) | **CCTTA**CGGCAAGGCGTACCTCTG | **CCTTA**CAATCGTCTGTTACCTTCGGTCT |
| JXZ (2019) | **ATATC**CGGCAAGGCGTACCTCTG | **ATATC**CAATCGTCTGTTACCTTCGGTCT |
| SHZ (2019) | **TGTAC**CGGCAAGGCGTACCTCTG | **TGTAC**CAATCGTCTGTTACCTTCGGTCT |
| SXJ (2019) | **GGTAT**CGGCAAGGCGTACCTCTG | **GGTAT**CAATCGTCTGTTACCTTCGGTCT |
| HXX (2020) | **GTATT**CGGCAAGGCGTACCTCTG | **GTATT**CAATCGTCTGTTACCTTCGGTCT |
| JXZ (2020) | **CCTAT**CGGCAAGGCGTACCTCTG | **CCTAT**CAATCGTCTGTTACCTTCGGTCT |
| SXJ (2020) | **TACGA**CGGCAAGGCGTACCTCTG | **TACGA**CAATCGTCTGTTACCTTCGGTCT |
| *POOL-3* | Amplicon-1 | AFY (2021) | **ACTGT**CAATCGTCTGTTACCTTCGGTCT | **ACTGT**TTCCCTAAAGCTCCCACCGT |
| HLF (2021) | **TTGTA**CAATCGTCTGTTACCTTCGGTCT | **TTGTA**TTCCCTAAAGCTCCCACCGT |
| HBD (2021) | **CATGC**CAATCGTCTGTTACCTTCGGTCT | **CATGC**TTCCCTAAAGCTCCCACCGT |
| HZMD (2021) | **TTGAA**CAATCGTCTGTTACCTTCGGTCT | **TTGAA**TTCCCTAAAGCTCCCACCGT |
| HLH (2021) | **AGTAC**CAATCGTCTGTTACCTTCGGTCT | **AGTAC**TTCCCTAAAGCTCCCACCGT |
| JNC (2021) | **ATGCA**CAATCGTCTGTTACCTTCGGTCT | **ATGCA**TTCCCTAAAGCTCCCACCGT |
| JXZ (2021) | **TATGC**CAATCGTCTGTTACCTTCGGTCT | **TATGC**TTCCCTAAAGCTCCCACCGT |
| SLF (2021) | **TAGAC**CAATCGTCTGTTACCTTCGGTCT | **TAGAC**TTCCCTAAAGCTCCCACCGT |
| SXP (2021) | **AGTTA**CAATCGTCTGTTACCTTCGGTCT | **AGTTA**TTCCCTAAAGCTCCCACCGT |
| SXJ (2021) | **AGCCA**CAATCGTCTGTTACCTTCGGTCT | **AGCCA**TTCCCTAAAGCTCCCACCGT |
| STA (2021) | **CAGAC**CAATCGTCTGTTACCTTCGGTCT | **CAGAC**TTCCCTAAAGCTCCCACCGT |
| XUM (2021) | **GAATC**CAATCGTCTGTTACCTTCGGTCT | **GAATC**TTCCCTAAAGCTCCCACCGT |
| XHYH (2021) | **TTGCA**CAATCGTCTGTTACCTTCGGTCT | **TTGCA**TTCCCTAAAGCTCCCACCGT |
| Amplicon-2 | AFY (2021) | **GACTT**CACAGATTACGTAGACCGATTCC | **GACTT**TTCACCCAATCAATAAACCTTG |
| HLF (2021) | **ACTCA**CACAGATTACGTAGACCGATTCC | **ACTCA**TTCACCCAATCAATAAACCTTG |
| HBD (2021) | **AACCG**CACAGATTACGTAGACCGATTCC | **AACCG**TTCACCCAATCAATAAACCTTG |
| HZMD (2021) | **GACAA**CACAGATTACGTAGACCGATTCC | **GACAA**TTCACCCAATCAATAAACCTTG |
| HLH (2021) | **ACGAT**CACAGATTACGTAGACCGATTCC | **ACGAT**TTCACCCAATCAATAAACCTTG |
| JNC (2021) | **AGAGC**CACAGATTACGTAGACCGATTCC | **AGAGC**TTCACCCAATCAATAAACCTTG |
| JXZ (2021) | **ACGTA**CACAGATTACGTAGACCGATTCC | **ACGTA**TTCACCCAATCAATAAACCTTG |
| SLF (2021) | **CAGAT**CACAGATTACGTAGACCGATTCC | **CAGAT**TTCACCCAATCAATAAACCTTG |
| SXP (2021) | **AAACG**CACAGATTACGTAGACCGATTCC | **AAACG**TTCACCCAATCAATAAACCTTG |
| SXJ (2021) | **TACCC**CACAGATTACGTAGACCGATTCC | **TACCC**TTCACCCAATCAATAAACCTTG |
| STA (2021) | **TCCGT**CACAGATTACGTAGACCGATTCC | **TCCGT**TTCACCCAATCAATAAACCTTG |
| XUM (2021) | **CCTCA**CACAGATTACGTAGACCGATTCC | **CCTCA**TTCACCCAATCAATAAACCTTG |
| XHYH (2021) | **TTCCT**CACAGATTACGTAGACCGATTCC | **TTCCT**TTCACCCAATCAATAAACCTTG |
| Amplicon-3 | AFY (2021) | **ATTGA**CGGCAAGGCGTACCTCTG | **ATTGA**CAATCGTCTGTTACCTTCGGTCT |
| HLF (2021) | **CCTGA**CGGCAAGGCGTACCTCTG | **CCTGA**CAATCGTCTGTTACCTTCGGTCT |
| HBD (2021) | **GTCGA**CGGCAAGGCGTACCTCTG | **GTCGA**CAATCGTCTGTTACCTTCGGTCT |
| HZMD (2021) | **ACTCA**CGGCAAGGCGTACCTCTG | **ACTCA**CAATCGTCTGTTACCTTCGGTCT |
| HLH (2021) | **GAGGT**CGGCAAGGCGTACCTCTG | **GAGGT**CAATCGTCTGTTACCTTCGGTCT |
| JNC (2021) | **CTGCT**CGGCAAGGCGTACCTCTG | **CTGCT**CAATCGTCTGTTACCTTCGGTCT |
| JXZ (2021) | **TACTG**CGGCAAGGCGTACCTCTG | **TACTG**CAATCGTCTGTTACCTTCGGTCT |
| SLF (2021) | **CCTTA**CGGCAAGGCGTACCTCTG | **CCTTA**CAATCGTCTGTTACCTTCGGTCT |
| SXP (2021) | **ATATC**CGGCAAGGCGTACCTCTG | **ATATC**CAATCGTCTGTTACCTTCGGTCT |
| SXJ (2021) | **TGTAC**CGGCAAGGCGTACCTCTG | **TGTAC**CAATCGTCTGTTACCTTCGGTCT |
| STA (2021) | **GGTAT**CGGCAAGGCGTACCTCTG | **GGTAT**CAATCGTCTGTTACCTTCGGTCT |
| XUM (2021) | **GTATT**CGGCAAGGCGTACCTCTG | **GTATT**CAATCGTCTGTTACCTTCGGTCT |
| XHYH (2021) | **CCTAT**CGGCAAGGCGTACCTCTG | **CCTAT**CAATCGTCTGTTACCTTCGGTCT |

***Note:*** *The underscore and bold font indicate the tag sequence.*