

TABLE S2

## Primers used in this study

| Primer | Sequence  |
|--------|---|
| #1517  | 5'-GCTCTAGATCGTTATCAGCCAAGCCATG-3'  |
| #1518  | 5'-CGTTAATTAACAACCTTGACAATCGTCATG-3'                                      |
| #1790  | 5'-GGAATTCGGCGGAGGCGGCGGAGGCGGAGGCGGAGGCTTAATTTAAAGCTTGGG-3'              |
| #1791  | 5'-CCCAAGCTTTTAATTAAGCCTCCGCCTCCGCCTCCGCCCTCCGCCGAATTC-3'                 |
| #1938  | 5'-CCTTAATTAAGGGCGGAGGCGGCGGAGGCG-3'                                      |
| #1939  | 5'-CCTTAATTAAGAAGGATCATCTCATCCACA-3'                                      |
| #1940  | 5'-GGCGCGCCTACTTGTGTCATCGTCTTTGTAGTCGCCTCCGCCTCCGCCCTTGT-3'               |
| #1946  | 5'-GACTAGTTAATTAATGGCGCGCCGCCTCCGCCGCCCTTGTGTGGGCATG-3'                   |
| #1953  | 5'-CGGGATCCTTTGGTTGATGTGAGGGGTTG-3'                                       |
| #1954  | 5'-GGAATTCGTTCAAAGCCACATCAC-3'  |
| #1967  | 5'-CGGGATCCATGGACTACAAAGACGATGACGACAAGGGCGGAGGCTTAATCGGCTT-3'             |
| #1970  | 5'-ATAAGAATGCGGCCGAGTCCGCAACAGGAAG-3'                                     |
| #1976  | 5'-CGGGATCCATAACTTCGTATAGCATACATTATACGAAGTTATCCCGGTCCGCATCTACTCTA-3'      |
| #1977  | 5'-GACTAGTCGACAGAAGATGATATTG-3'   |
| #1978  | 5'-GCTCTAGAATAACTTCGTATAGCATACATTATACGAAGTTATCGATAAGCTTGATATCGAAT-3'      |
| #1979  | 5'-CCGCTCGAGGCGGAGGCGGCGGAGGCGG-3'  |
| #1988  | 5'-GAGGTGCACGGTATCGATAAGCTTGATATATCAAGGCCCTGGAACAACGG-3'                  |
| #1989  | 5'-TGCTATACGAAGTTATGGATCCGAGCTCGTGCGACGAGGTAACGCCATG-3'                   |
| #1990  | 5'-ACCGCGGTGGCGGCCGCTCTAGAAGTACTAGTACAAGACCGGCAACCATCTG-3'                |
| #1992  | 5'-GAGGTGCACGGTATCGATAAGCTTGATATCATCCAAACAAAAGTCGAGG-3'                   |
| #1993  | 5'-CCTCCGCCTCCGCCTCCGCCCTCCGCCCTCCGCCCCACAGATAGCCTCTGCACTTG-3'            |
| #1994  | 5'-TGCTATACGAAGTTATGGATCCGAGCTCGTGGGGGAAGATGTTAACTCAC-3'                  |
| #1995  | 5'-ACCGCGGTGGCGGCCGCTCTAGAAGTACTAGTATCATGGCAACCTAGCCAGG-3'                |
| #1996  | 5'-GAGGTGCACGGTATCGATAAGCTTGATATTACAGCGCAACACTTCGTGCG-3'                  |
| #1997  | 5'-CCTCCGCCTCCGCCTCCGCCCTCCGCCCTTCGAGACGCTGCCCTCGC-3'                     |
| #1998  | 5'-TGCTATACGAAGTTATGGATCCGAGCTCGAAGACCGAGGTAGCACTTCTC-3'                  |
| #1999  | 5'-ACCGCGGTGGCGGCCGCTCTAGAAGTACTAGTGTGATGTGCCGAATTCGCTC-3'                |
| #2013  | 5'-CCTCCGCCTCCGCCTCCGCCCTCCGCCCAACTTGACAATCGTCATGC-3'                     |
| #2014  | 5'-TCCCCGGGTTAATTAAGACTACAAAGACCATGACGG-3'                                |
| #2015  | 5'-GGAATTCAGGTTGTCTTCCCAACTTGC-3'   |
| #2036  | 5'-ATCGATCGGCTTGAAGGATCATCTCATC-3'  |
| #2037  | 5'-CCGCTCGAGTTAATTAAGCCTCCGCCTCCGCCCTTGTGTGGGCATGAGCGT-3'                 |
| #2040  | 5'-CGGGATCCACACCTCGCTGGGTCTCAG-3'   |
| #2041  | 5'-CCGCAATTGTTGCGAGACGCTGCCCTCGC-3'                                       |
| #2066  | 5'-ATAAGAATGCGGCCGCACACCTCGCTGGGTCTCAGC-3'                                |
| #2067  | 5'-CGGGATCCACTTGTACAGCTCGTCCATGC-3'                                       |
| #2084  | 5'-CCTTAATTAAGGGCGGAGGCGGCGGAGGCGGAGGCGGAGGCGGAGGCGACTACAAAGACCATGACGG-3' |

#2085 5'-CCTTAATTAAGGGCGGAGGCGGCGGAGGCGGAGGCGGAGGCATGGTGAGCAAGGGCGAGG-3'  
#2086 5'-ATAAGCTTGATATCGAATTC-3'  
#2087 5'-GCTCTAGATTGGCTGATAACGAACTAGC-3'  
#2341 5'-CGGGATCCATGGACTACAAAGACCATGA-3'  
#2342 5'-AGGCGCGCCGCCTCCGCCGCCTCCGCCGCCCTTGTCATCGTCATCCTTGT-3'  
#2343 5'-CGGGATCCATGGTGAGCAAGGGCGAGGA-3'  
#2344 5'-AGGCGCGCCGCCTCCGCCGCCTCCGCCGCCCTTGTTACAGCTCGTCCATGC-3'  
#2345 5'-CGGGATCCATGGAACAAAAGTTGATTTTC-3'  
#2346 5'-AGGCGCGCCGCCTCCGCCGCCTCCGCCGCCATTGATTAATTTTTGTTTCAC-3'  
#2347 5'-AAGATCTATGATCTTTTACCCATACGATGT-3'  
#2348 5'-AGGCGCGCCGCCTCCGCCGCCTCCGCCGCCAGCGTAATCTGGAACGTCAT-3'  
#2459 5'-GCTCTAGAATGGGCCCAAAGAAGAAGAG-3'  
#2460 5'-AGAATTCGATATCAAGCTGG-3'5

---