

Table S1 Primers used in this study

ure2-d-W	5'-TTGCTGCGTGTAACACAAC-3'
ure2-d -X	5'-GGGGATCCGTCGACCTGCAGCGTACGAGTTGGAACAACGCTAGAGTG-3'
ure2-d -Y	5'-GTTTAAACGAGCTCGAATTCATCGATGTTTGAGGCCGAGAAATTCC-3'
ure2-d -Z	5'-CTTCAGCAGGCTTGAATGAC-3'
ure2-d -chk1	5'-TGGAATGTGAGCCTGTAGAC-3'
ure2-d -chk2	5'-ACAGTGCAAATGTAGACGGC-3'
nb2	5'-GTTAACGAGCTCGAATTC