ATGCTGAAAGTCTCAAAAAGCCCGAGCCTGGTCGCTGGCTGAAAACCCGTGGTGA
AAGCGTCTGCCCATCTCAAAAACCGTGATTCGTTTGAAGTGAGCGTTGAATA
TATTTCCGCTGGCAGTGTCTGCTATCGAAGAAATTTAAGAAATGGTCGATTCT
TACCGTGGTCGCAATTCTGCATGAACTGACCTGGCGGTGACCTGCTGGAAAAA
GTCAAAGCGGCCGTGAACCCGGCCGTATGCAAAGTGACCGTTA
AAAGTTACTAC
ATTGGTGTTGAAGTGGAAGTCTGGTGCCGAATCAGGTGGTGGTGTCGCTTGCTAC
ATCTAA

Figure S1. Sequence (5’→3’) of synthetic gene used for the production of *P. calidifontis* queF-L.