**S1 Table: Strains produced and primers used for cloning.**

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| **Strain name** | **Strain Description** | **Primers used for DNA amplification (Forward, Reverse)** |
| SEG1-34-7 | BL21 pET100: *Wb-bhp-1* | CACCATGTTAGAAAATACTAATGTACTACAGGAAGAATTTGAC TCAATGGCATTCATTTTTCAATGATAGCAGTTC |
| SEG1-34-1 | BL21 pET100: *Ov-bhp-1* | CACCATGATAAAAATCAATGGGAATTATGCTAAAGCATTG TTAAGAAACTGCATTAAATAAAATGATTTGATCTTCATTTTCTTC |
| SEG1-78-4 | BL21 pET100: *Ll-bhp-1* | CACCATGGAAGTGCCAGTAATGAAGAATAATTTGACC TTAATTTACGATCAATATCTTATCGTTGTC |