Table S1: Primers used in this study

Name	5'- 3' sequence	Purpose
pHbl_ up1 pHbl_up1	tgtttggttcaattttatggatca ttggcattgcgagtgtattg	PCR of *hbl*-2 upstream region
pHbl_down1 pHbl_down2	ttggaaaacattaagagcagatg tcgcaatcatagatcgtttcc	PCR of *hbl*-2 downstream region
Hbl-LF1 Hbl-LF2	*ccccgaattc*ggaagctttgcagcttttt *ccccactagt*ccgctctctttgtaaactgga	Hbl genetic deletion, upstream region
Hbl-RF1 Hbl-RF2	*ccccgaattc*cgaagtaattggagctggaga *ccccactagt*acaggaggttcccagtaccc	Hbl genetic deletion, downstream region
rHblBfw rHblBrv	*aacat*atgttggaggaaaatgaaatgat *AAGGATCC*ttattagtgatggtgatgatgatgttttgtggagtaacagtttcca	Cloning of HblB
rHblL1fw rHblL1rv	*ggatta*atgaaaaaatttccattcaaagtactaac *aaggatcc*ttattagtgatggtgatgatgatgctcctgtttaaaagcaatatcttttg	Cloning of Hbl-L_1
rHblL2fw rHblL2rv	*aacat*atgaaaactaaaataatgacaggattt *aaggatcc*ttattagtgatggtgatgatgatgaaatttatatacttgttcttcaaggtaactta	Cloning of Hbl-L_2
rNheAfw rNheArv	*aacatatg*aaaaagactttaattacagggttattg *aaggatcc*ttattagtgatggtgatgatgatgatgtacttcaacgtttgtaacgtaatc	Cloning of NheA
rNheBfw rNheBrv	*aacat*atgacaaaaaaaccatataaagtaatgg *aaggatcc*ttattagtgatggtgatgatgatgtgctttttcgtgtctactactttaatatc	Cloning of NheB
rNheCfw rNheCrv	*aacat*atgcagaaacgattttataaaaaatg *aaggatcc*ttattagtgatggtgatgatgatgctttgccacaccttcatgtaatt	Cloning of NheC

Italicized letters indicate restriction recognition sites for *Bam*HI, *Ase*I, *Nde*I, *Eco*RI, or *Spe*I. Underlined letters indicate histidine tags and stop codons.