```
                                                  1968400                                                  1968450
 ........|.........|.........|.........|.........|.........|.........|.........|.........|.........|
 CATGATAAGAAGAATATGCTTTGAGTTTCGTGGCGAGAAAAAAATCCTGCAACGCGTAATGTCATTGATGCGTCAAAGGAATGGCTGCGAAATTTCACA
◄BvgA                                                                                                P1◄

                                                 1968500                                                  1968550
.........|.........|.........|.........|.........|.........|.........|.........|.........|.........|
TTCTCCTATACGTCAGCAAGCAACGATACGGGCATGAGTGCTGCTAAACAGTATCCTATACCAAAATAGGAAAAGTCTGAATTCCTGCGCTGGCACCCGC
                                              P2◄     C -10     T              -35      C T

                                                 1968600                                                  1968650
.........|.........|.........|.........|.........|.........|.........|.........|.........|.........|
GGCGGGCCGGGGAGCGGGTTGTCGGCGCACGCCTATACGTGCCGGACAGGGTTTGATGGTTTGACTAAGAAATTTCCTACAAGTCTTGTATAAATATCCA
                                                                                A        A
                                                                                         T

                                                  1968700
                        -35                          -10        ►PfhaB                                  1968750
.........|.........|.........|.........|.........|.........|.........|.........|.........|.........|
TTGATGGACGGGATCATTACTGACTGACGAAGTGCTGAGGTTTATCCAGACTATGGCACTGGATTTCAAAACCTAAAACGAGCAGGCCGATAACGGATTC
            G     G                   G          A     A


TGCCGATTACTTCACTTCGCTGGTCGGAATATG ►FhaB
```

Supplemental Text S2. Polymorphisms in the *bvgA* and *fhaB* promoter region. The *bvgA* and *fhaB* are faced back-to-back and transcribed to the left and right in this figure, respectively. The *bvgA* and *fhaB* initiations codons are in bold. Start and direction of transcription are indicated by arrowheads marked with P1, P2 and P*fhaB* (Scarlato et al 1990). The locations of the -35 and -10 elements for *bvgA* and *fhaB* are indicated by blue and grey boxes, respectively. Both the *bvgA* and the *fhaB* gene are positively regulated by BvgA, and the BvgA binding sites are denoted by green boxes (Decker et al 2011). The identified SNPs are indicated in red below the promoter region sequence. Numbering is based on the Tohama I sequence (Parkhill et al., 2003).