

Additional file 1.

Table S1. Oligonucleotides used in this study.

PAScore LO: 5'-ATAAGCTTCTAGGTGATGTCGATCCAGCC-3'

PAScore UP: 5'-AAGGATCCCCTAACCCCATCTATGTGCG-3'

PAS His UP: 5'-ATAGATCTCGACAGATCCGCCAGCGCAAGC-3'

PAS His LO: 5'-ATAAGCTTTGCCAGGAACGTGGTCTTGG-3'

PAS GB1 UP: 5'-ATGGATCCCGACAGATCCGCCAGCGCAAGC-3'

PAS GB1 LO: 5'-ATCTCGAGTGCCAGGAACGTGGTCTTGG-3'

PAS N1UP: 5'-ATGGTAGGTCTCAGCGCCAGATCCGACAACGCAAGCG-3'

PAS N2UP: 5'-ATGGTAGGTCTCAGCGCCGCCAACGGGCACTGAACG-3'

PAS N3UP: 5'-ATGGTAGGTCTCAGCGCCCTGGAATTCATGCGAGTGCTCA-3'

PAS C1LO: 5'-ATGGTAGGTCTCATATCACTCGGCGCGTTCGGTGATGTC-3'

PAS C2LO: 5'-ATGGTAGGTCTCATATCAGTCGGCACTTTCCTTGGCGTC-3'

PAS C3LO: 5'-ATGGTAGGTCTCATATCACTTGGCTCGGTTGGCGGCG-3'

Bvg-BglII UP: 5'-ACCGCAACGAGATCTACGTG-3'

Bvg-XbaI LO: 5'-TATCTAGAATGTGCGCTATCAGC-3'

BvgY_{596A} UP: 5'-GGCACGCCTAACCCCATAGCTGTGCGCGATAAGGAAGGCCG-3'

BvgY_{596A} LO: 5'-AGCTATGGGGTTAGGCGTGCC-3'

BvgC_{607A}-UP 5'-GAAGGCCGCATGCTGTTGGCTAATGACGCCTACCTCGACAC-3'

BvgC_{607A}-LO 5'-AGCCAACAGCATGCGGCCTTC-3'

BvgN_{608A}-UP 5'-AGGCCGCATGCTGTTGTGTGCTGACGCCTACCTCGACACCT-3'

BvgN_{608A}-LO 5'-AGCACACAACAGCATGCGGCCT-3'

BvgN_{608S}-UP 5'-AGGCCGCATGCTGTTGTGCTCTGACGCCTACCTCGACACCT-3'

BvgN_{608S}-LO 5'-AGAGCACAACAGCATGCGGCCT-3'

BvgN_{631A} UP: 5'-AAACCATTCCGGAAGCTGCAGTGGTGGGCGACCCGGCGCTG-3'

BvgN_{631A} LO: 5'-TGCAGCTTCCGGAATGGTCTTGC-3'

BvgH_{643A} UP: 5'-GCGCTGGCTCGAGAAATGGCTGAGTTCCTGCTCACGCGCGTG-3'

BvgH_{643A} LO: 5'-AGCCATTTCTCGAGCCAGCGCCGGGTCG-3'

BvgR_{670A}-UP 5'-CACGCTGCACGGCCGCACGGCTCATGTCTACCAGTGGACGAT-3'

BvgR₆₇₀A-LO 5'-AGCCGTGCGGCCGTGCAGCGTG-3'

BvgD₆₉₅A-UP 5'-ATCATCGGAGGCTGGATTGCTATCACCGAACGCGCCGAGCTG-3'

BvgD₆₉₅A-LO 5'-AGCAATCCAGCCTCCGATGATGCCCTTGAGT-3'

BvgA-UP1 5'-ATTCTAGATGAAATCCAGTGCCATAGTCT-3'

BvgA-LO1 5'-TACAGGGTGATCGTCAATGATG-3'

BvgA-UP2 5'-CATCATTGACGATCACCTGTAAAACGCAACAATCTCGCCTAGC-3'

BvgA-LO2 5'-ATAAGCTTGCCATTGACGGTGCCGATGAG-3'