Table S3A. *DnaK* 5’ and 3’ -end sequences from *Mycoplasma fermentans* axenic culture in 243 medium.

| CLONE | GENE | SEQUENCE BEFORE GENE START | SEQUENCE AFTER GENE STOP |
|---|---|---|---|
| D1 | *DnaK* | MISSING | **TAG**TTAATTTAAAAATAAAAAAGTGCCAAATGCTGGTACTTTTTTA |
| D2-D3 | *DnaK* | MISSING | **TAG**TTAATTTAAAAATAAAAAAGTGCCAAATGCTGGTACTTTTTTAT |
| D4, D7 | *DnaK* | MISSING | **TAG**TTAATTTAAAAATAAAAAAGTGCCAAATGCTGGTACTTTTTTATTT |
| D5, D8, D10-D11 | *DnaK* | MISSING | **TAG**TTAATTTAAAAATAAAAAAGTGCCAAATGCTGGTACTT |
| D6 | *DnaK* | ATATACTAAAACGTATTTGAAAGGAAAATT**ATG** | **TAG**TTAATTTAAAAATAAAAAAGT |
| D9 | *DnaK* | MISSING | **TAG**TTAATTTAAAAA |
| D12 | *DnaK* | MISSING | **TAG**TTAATTTAAAAATAAAAAAGTGCCAAATGCTGGTA |

Table S3B. *DnaK* 5’ and 3’ -end sequences from HCT116 cells infected with *Mycoplasma fermentans.*

| CLONE | GENE | SEQUENCE BEFORE GENE START | SEQUENCE AFTER GENE STOP |
|---|---|---|---|
| D1 | *DnaK* | AAATGCTGGTACTTTTTTATATATACTAAAACGTATTTGAAAGGAAAATT**ATG** | **TAG**TTAATTTAAAAATAAAAAAGTGCCAAATGCTGGTACTTTTTTAT |
| D2 | *DnaK* | AAATGCTGGTACTTTTTTATATATACTAAAACGTATTTGAAAGGAAAATT**ATG** | **TAG**TTAATTTAAAAATAAAAAAGTGCCAAATGCTGGCACTTTTTTA |
| D3 | *DnaK* | MISSING | **TAG**TTAATTTAAAAATAAAAAAGTGCCAAATGCTGGCACTTTTTTA |
| D5 | *DnaK* | TTTTTATATATACTAAAACGTATTTGAAAGGAAAATT**ATG** | **TAG**TTAATTTAAAAATAAAAAAGTGCCAAGTGCTGGTACTTTTTTAT |
| D6 | *DnaK* | TATATACTAAAACGTATTTGAAAGGAAAATT**ATG** | **TAG**TTAATTTAAAAATAAAAAAGTGCCAAATGCTGGTACTTTTTTAT |
| D7 | *DnaK* | TATATACTAAAACGTATTTGAAAGGAAAATT**ATG** | **TAG** |
| D8 | *DnaK* | ATATACTAAAACGTATTTGAAAGGAAAATT**ATG** | **TAG**TTAATTTAAAAATAAAAAAGTGCCAAATGCTGGTACTTTTTTA |
| D9-12 | *DnaK* | pGEM EMPTY VECTOR | |

Table S4A. *RnhB1* 5’ -end sequences from *Mycoplasma fermentans* axenic culture in 243 medium.

| CLONE | SEQUENCE |
|---|---|
| R1 | AGCAGATTTGGAAGACTAATT**ATG** |
| R2 | TCTGTAGCTGTTGGTAATGCACCAGATGCAGTTAAAAAATATGCAACAATCAAATTAAAGAAAACAAACCGCCAGGGAGCAGTTGGTGAATACATCAAT<br>AAATTCCTTGATAATCCTGAAAAAGAAATAGAAAAAAGTAATAAAGTTATGGCTAAATTAATTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R3 | TCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R4 | TTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R5 | AAATATGCAACAATCAAATTAAAGAAAACAAACCGCCAGGGAGCAGTTGGTGAATACATCAATAAATTCCTTGATAATCCTGAAAAAGAAATAGAAAAAAGTAATAAAG<br>TTATGGCTAAATTAATTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R6 | GCAGATTTGGAAGACTAATT**ATG** |
| R7 | TATGCAACAATCAAATTAAAGAAAACAAACCGCCAGGGAGCAGTTGGTGAATACATCAATAAATTCCTTGATAATCCTGAAAAAGAAATAGAAAAAAGTAATAAAGTTA<br>TGGCTAAATTAATTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R8 | TGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R10 | AGGGAGCAGTTGGTGAATACATCA<br>ATAAATTCCTTGATAATCCTGAAAAAGAAATAGAAAAAAGTAATAAAGTTATGGCTAAATTAATTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R11 | ATTCCTTGATAATCCTGAAAAAGAAATAGAAAAAAGTAATAAAGTTATGGCTAAATTAAT TAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |

Table S4B. *RnhB1* 5’ -end sequences from HCT116 cells infected with *Mycoplasma fermentans.*

| CLONE | SEQUENCE |
|---|---|
| R1 | ACTTTCATTATTAGCTAGATACTATGGAATTGATTTAGAACACACTGTAGCATTTGGTGATGGTTTCAACGATGTGCCTATGTTTA<br>AAGTTGCTAATATTTCTGTAGCTGTTGGTAATGCACCAGATGCAGTTAAAAAATATGCAACAATCAAATTAAAGAAAACAAACCGCCAGGGAGCAGTTGGTGAATACATCA<br>ATAAATTCCTTGATAATCCTGAAAAAGAAATAGAAAAAGTAATAAAGTTATGGCTAAATTAATTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R2 | AGCAGATTTGGAAGACTAATT**ATG** |
| R3 | AAAATATGCAACAATCAAATTAAAGAAAACAAACCGCCAGGGAGCAGTTGGTGAATACAT<br>CAATAAATTCCTTGATAATCCTGAAAAAGAAATAGAAAAAGTAATAAAGTTATGGCTAAATTAATTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R4 | AGTTAAAAAATATGCAACAATCAAATTAAAGAAAACAAACCGCCAGGGAGCAGTTGGTGAATAC<br>ATCAATAAATTCCTTGATAATCCTGAAAAAGAAATAGAAAAAGTAATAAAGTTATGGCTAAATTAATTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R5 | TTATGGCTAAATTAATTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R7 | TGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R8 | TTATGGCTAAATTAATTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R9 | TCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R10 | MISSING |
| R11 | GAAGCAGATTTGGAAGACTAATT**ATG** |
| R12 | AATTCCTTGATAATCCTGAAAAAGAAATAGAAAAAGTAATAAAGTTATGGCTAAATTAATTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |

Table S4C. *RnhB1* 5’ -end sequences from *Mycoplasma fermentans* axenic culture in McCoy's 5A medium.

| CLONE | SEQUENCE |
|---|---|
| R1, 7, 8, 9 | TTATGGCTAAATTAATTAAACGTCGTGACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |
| R2, 3,4, 5, 6, 10, 11, 12 | GACGAAGAAGCAGATTTGGAAGACTAATT**ATG** |

Table S5A. *RnhB1* 3’ -end sequences from *Mycoplasma fermentans* axenic culture, in 243 medium.

| CLONE | SEQUENCE |
|---|---|
| R1, 5, 10 | **TAA**TTAAATTCAACTTTTCTAAAGCAAAAAATAAAAAAATATTATCATTTTTATGCAAATTAGAGACGTGCGGATCTAATTATTTTTTTA |
| R2, 7 | **TAA**TTAAATTCAACTTTTCTAAAGCAAAAAATAAAAAAATATTATCATTTTTATGCAAATTAGAGACGTGCGGATCTAATTATTTTTTTAT |
| R3 | **TAA**TTAAATTCAACTTTTCTAAAGCAAAAAATAAAAAAATATTATCATTTTTATGCAAATTAGAGACGTGCGGATCTAATTATTTT |
| R4, 11 | **TAA**TTAAATTCAACTTTTCTAAAGCAAAAAATAAAAAAATATTATCATTTTTATGCAAATTAGAGACGTGCGGATCTAATTATTTTTT |
| R6, 8 | **TAA**TTAAATTCAACTTTTCTAAAGCAAAAAATAAAAAAATATTATCATTTTTATGCAAATTAGAGACGTGCGGATCTAATTATTTTTTT |

Table S5B. *RnhB1* 3’ -end sequences from HCT116 cells infected with *Mycoplasma fermentans.*

| CLONE | SEQUENCE |
|---|---|
| R1, 3, 5, 7, 8, 9, 11 | **TAA**TTAAATTCAACTTTTCTAAAGCAAAAAATAAAAAAATATTATCATTTTTATGCAAATTAGAGACGTGCGGATCTAATTATTTTTT |
| R2 | **TAA**TTAAATTCAACTTTTCTAAAGCAAAAAATAAAAAAATATTATCATTTTTATGCAAATTAGAGACGTGCGGATCTAATTATTTTTTTA |
| R4 | **TAA**TTAAATTCAACTTTTCTAAAGCAAAAAATAAAAAAATATTATCATTTTTATGCAAATTAGAGACGTGCGGATCTAATTATTTTT |
| R10 | **TAA**TTAAATTCAACTTTTCTAAAGCAAAAAATAAAAAAATATTATCATTTTTATGCAAATTAGAGACGTGCGGATCTAATTAT |
| R12 | **TAA**TTAAATTCAACTTTTCTAAAGCAAAAAATAAAAAAATATTATCATTTTTATGCAAATTAGAGACGTGCGGATCTAATTATTTTTTTATTC CTT |

Table S5C. *RnhB1* 3’ -end sequences from *Mycoplasma fermentans* axenic culture in McCoy's 5A medium.

| CLONE | SEQUENCE |
|---|---|
| R1, 7, 8, 9 | **TAA**TTAAATTCAACTTTTCTAAAGCAAAAAATAAAAAAATATTATCATTTTTATGCAAATTAGAGACGTGCGGATCTAATTATTTTTTT |
| R2, 3, 4, 5, 6, 10, 11, 12 | MISSING |

Table S6. *Mgs1* 5’ -end sequences from *Mycoplasma fermentans* axenic culture in 243 medium, HCT116 cells infected with *Mycoplasma fermentans* and *Mycoplasma fermentans* axenic culture in McCoy's 5A medium

| *Mycoplasma axenic* culture, 243 medium | | HCT116 cells infected with *Mycoplasma* | | *Mycoplasma axenic* culture, McCoy's 5A medium | |
|---|---|---|---|---|---|
| **CLONE** | **SEQUENCE** | **CLONE** | **SEQUENCE** | **CLONE** | **SEQUENCE** |
| A1 | **ATG** | A1 | **MISSING** | A1 | **ATG** |
| A2 | **ATG** | A2 | **ATG** | A2 | **ATG** |
| A3 | **ATG** | A3 | **ATG** | A3 | **ATG** |
| A4 | **ATG** | | | A4 | **ATG** |
| A5 | **MISSING** | A5 | **ATG** | A5 | **ATG** |
| A6 | **MISSING** | A6 | **ATG** | A6 | **ATG** |
| A7 | **ATG** | A7 | **ATG** | A7 | **ATG** |
| A8 | **ATG** | A8 | **MISSING** | A8 | **ATG** |
| A9 | **MISSING** | A9 | **ATG** | A9 | **MISSING** |
| A10 | **MISSING** | A10 | **ATG** | A10 | **ATG** |
| A11 | **ATG** | A11 | **ATG** | A11 | **ATG** |
| A12 | **ATG** | A12 | **ATG** | A12 | **ATG** |

Table S7A. *Mgs1* 3’ -end sequences from *Mycoplasma fermentans* axenic culture, in 243 medium.

| **CLONE** | **SEQUENCE** |
|---|---|
| A1, 2, 3, 4, 7 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAGGTATATTCAAAGGA |
| A5, 6, 9, 10 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAA |
| A8, 11, 12 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAAGTATATTCAAAGGACTCTGAAATAGTTCAATTACAAACA AAAATTAGAACAGCTTCGCCT |

Table S7B *Mgs1* 3’ -end sequences from HCT116 cells infected with *Mycoplasma fermentans.*

| CLONE | SEQUENCE |
|---|---|
| A1 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAAGTATATTCAAAGGACTCTGAAATAGTTCAATTACAAACA<br>AAAATTAGAACAGCTTCGCCTGAAGAGAAAAAAGAAATAGGTCAAAAAATTGCAACTTTAAGAAACTTTTATGAAGAAAAATTCAAAGAAATTGAATTTAAAATTG<br>AAGCCGATAAAATCAAAAAAATAATTGAAAGCCAATATGTTGATGTAACTAAACCAGTTGACAATCCTGGTTCATTGCACCCAATTACAATAGTAGAAAATAGACTT<br>AGAGATTGATTTATTCAAAACGGATATTTTGAATCAAATGAAAGTGAAATTGTTAGCGATGTTTATAATTTTCAAAAATTAAACATTCCTGAAGATCACCCTGCTCGT<br>GCTATGCACGATTCATTATATTTAAATCCAACAACTCTTTTAAGAACACACAACACTGGAATTAGTGCACTTGAACTTGAAAGAAATGCAAACAAAGAAATGAATAA<br>TTTCGCTATTGGAAAAGTTTATCGTAATGATGAAGATGATGCAACTCACTCACATCAATTTACACAATTAGACTTTGTCAGTGTTGGCAAAAGTGTAAGCTTCAACAA<br>TTTAATTTGAACACTAAAATCACTTCTTTCTTATGTATTTGAAGAAGAAGTTGAACTAAGACTTAGACCAAGTTATTTCCCTTTTACTGAACCAAGTGTTGAAGTCGAC<br>GTTTATTATAAAAATGGTTGAATCGAAGTTTTAGGTGCTGGTATGCTTCATCCAAATGTTATGGAACTTGCAGGTTATGATTCAAAAGAATTTAACGGTTTTGCTGCA<br>GGCATTGGAGTTGAACGTTTGACAATGATTAAATATAACATCAAGGATGTTAGAGAATTTTATAAAAATGACTTGAGAACTTTAAATCAATTTAACTATGAAGAATA<br>GCTTCCAAATATTTTTAAAACAAGAAGAATCTAAAAACTATTATCAAGAATTAATAAAAAAAGTTACTCAAGAAGAACAAAAACACAATGTTTTTCCACCTAAAGAA<br>TTACGTTTTGATGCTTTAAATTATTTTGAAGCAGAAGAGACTAAATTAATAATAATTGGACAAGATCCTTATTATTTAAAAAACCAAGCAGATGGTTTAGCTTTTAGT<br>ACTCAAGGCAATATTTGTCCTAAAAGTTTAAACAATATTTTTAAAGAATTAAAGAAAGATTATTCTGAAACAAACATTGAAACTTATAGCTTAAAAAGTTGAGCAAA<br>ACAAGGAGTTTTATTAATTAATACTTGTTTAAGTGT TAATGAAAATCAACCATTAAGCCATAAGAATTTTGGCTGA |
| A2 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAAGTATATTCAAAGGACTCTGAAATAGTTCAATTACAAACA<br>AAAATTAGAACAGCTTCGCCTGAAGAGAAAAAAGAAATAGG |
| A3 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAAGTATATTCA |
| A5, 6, 7 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGAT TTAAAAT |
| A8 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAAGTATATTCAAAGGACTCTGAAATAGTTCAATTACAAACA<br>AAAATTAGAACAGCTTCGCCTGAAGAGAAAAAAGAAATAGGTCAAAAAATTGCAACTTTAAGAAACTTTTATGAAGAAAAATTCAAAGAAATTGAATTTAAAATTG<br>AAGCCGATAAAATCAAAAAAATAATTGAAAGCCAATATGTTGATGTAACTAAACCAGTTGACAATCCTGGTTCATTGCACCCAATTACAATAGTAGAAAATAGACTT<br>AGAGATTGATTTATTCAAAACGGATATTTTGAATCAAATGAAAGTGAAATTGTTAGCGATGTTTATAATTTTCAAAAATTAAACATT CCTGAAGATCACCCTGCTC |
| A9 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAAGTATATTCAAAGGACTCTGAAATAGTTCAATTACAAACA<br>AAAATTAGAACAGCTTCGCCTGAAGAGAAAAAAGAAATAGGTCAAAAAATTGCAACTTTAAGAAA |
| A10 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAAGTATATTCA |
| A11 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAAGTATATTCAAAGGACTCTGAAATAGT |
| A12 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAAGTATATTCAAAGGACTCTGAAATAGTTCAATTACAAACA<br>AAAATTAGAACAGCTTCGCCTGAAGAGAAAAAA |
| A12 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATT |

Table S7C. *Mgs1* 3’ -end sequences from *Mycoplasma fermentans* axenic culture in McCoy's 5A medium.

| CLONE | SEQUENCE |
|---|---|
| A1, 2, 3, 4, 6, 7, 10, 11, 12 | **MISSING** |
| A5 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAAGTATATTCAAAGGACTCT |
| A9 | **TAA**CATGAATGATATTAAATGAGAAGAAATCAAAACATTTGAAGATTTAAAATTAGCTAAAAGCAAAGTATATTCAAA |