

Table 4: Identification of *Y. pseudotuberculosis*-specific genes across a panel of strains of the two species

| Oligonucleotides used for PCR | |
|-------------------------------|------------------------|
| Primer 1 | Primer 2 |
| TGCAGTGGAGTAACCTGTCAA | TGTTGAGCAGCACAAAATCA |
| GCGCTTTGGAAAGGTAGTG | TCTATCTGGCTTCTGGAGIT |
| ACCGAAGAACGAAATTATGGATT | CTTTTCAAGTATCTCTGGTG |
| CUGGGAGCTGAGTAGATTCGA | CTGGCTTGTAGTGAGCAA |
| ATGTCGGCTGGTCAAAAT | ACGCTACTGTCACAAACG |
| CTAACAAAATGGCAGAACG | TGTTGATGCCAAATCTG |
| TATTCTCCCGAGGTTACAA | GTCGCTTCAAGCTTAAAT |
| AAGGGCTGGGAAACAGGAT | TCAGTGTGAGTACTGGCTG |
| GGCAACAGATTCGGTCTAA | GCACAAATTACTTCCCAG |
| GGACGGGTGCAACTGTATT | CGACCGTCAGCAACATTAGG |
| GGCCGGTTGGTCTTATTTA | ACCGTCAGGATGTTCTTC |
| TGCCCCATTGAAGATGAAA | TCACTTCATCCAGGAGACA |
| CAGGGCTGAGTACCTATGT | ATAAGGGCTCAGCTCTG |
| TGACCACTTCTACGGTGG | CGACAGGATAGCATCCTACT |
| GTACTGTGCAAGCTGGT | GATCTTCGGTGTATGGCAT |
| CGGGGTGATTTGAAACAGG | GGGCTCTTCTGCACTTTG |
| ACAGCAAGGGTGTCTTCTT | CTATCCAGTCGTTGAGGCC |
| ACCGCTGGCTACACTTATT | GCACATAAAGGGCCACCAA |
| CTATTCGTCGGGTTGTTGAT | AGTAAATAGGCCCACATGAA |
| GGCGCTTATACGAAATGTT | CCACAGGCAATTTCATCATC |
| CTCAATTAATCGCTGCTG | CCAAGTGTCTCCATGGTGT |
| TGGGTGTTGGCAACTAACTTC | TTATGGCCATGTTGATIGG |
| CCCGATGGAAAACACTAGG | TCAGGGAGGATTATCACC |
| GGATGTTATGGAAAACGATT | CAACAGGCTACTTCAGTGA |
| GAAGGCGATGATGGTTCAT | TCAGCCATTCTCCCAAAAG |
| GGCAAAAGCTATTCGTCAG | TTCTCTGGTAAAGAACCC |
| GGCGCTTATGGCTGTTGAT | TTGGCTGTCGATGAG |
| CCCGAATATTGTCGATGCC | CGGTACAAACATCGCTCTGA |
| ACATTTCCCTTAAACACCC | CTTGTGCTTATCAGCGT |
| TGGCGTGTATATGCCCTTC | CAAGTCCTGTCGTCATGATA |
| AGTGGGGTTGAGTGTACCG | GTGGCGAAAATGCTCAAC |
| GCTCTGGCTGTATGTTGAA | CTTCAGGATCTCTTCAGCAA |
| CAGGGCTTAATGGTTGAA | TCAGCGGTTCTTAAAGACC |
| CCCTCCGGTATGGAGCTATT | TTCTCTGGTAAAGAACCC |
| ACCTTCTGATTAGCAGACAG | CAACGGCTGATCACAAATTG |
| CTCTGTTGCTTCTTGTACACT | TCGTCCTGCTTACATCCATC |
| TTATGGGGCTGTCTGTTAC | TGAGTGTGGTAAAGAACCG |
| AAAAGCAGGAAAGGCAAAT | GCTTGGCGTATGTCATTC |
| CCCTCCTGGCAGAACCT | ATTTCGTCGGAAIAAGCATC |
| GAATAATCAGATTCGAGGG | CCACAGGATCTTTATGCAAT |
| CATCCATTCAGAACGCGAA | TGTTGAGTCGGTCAGCTAAG |
| GTGCCCCGTAATTCGTTAAG | TCGACTCTGGTGTGCTACT |
| TGGAATAGCTGGAAAAATGG | GCGCCCTGATAGATATTT |
| CAATGGCGAAATTATTTGCA | TACGGCCAACTTCATTTC |
| CAGGACAGACTTCTGATGCC | GTGGCCAGGGTAAGGITAGA |
| CGATTTCTTGGCAAAGTA | CGGGAAATTTGTTCTTGGATA |
| CTCTGGCTTCTGGCAAATT | CGATAGTCGAACTTACGGCC |
| ACCAACCATCTCAAGCTAA | GACTCTGCAACTTACGGCC |
| ATTCGTTAGTTGTCGTCG | TCCTCTGGCTGATCAATGTC |
| TGGCATCTTGGGAAAGTGT | ATCGCTGATGGGGATTTAAA |
| CTCTGCTGATTTGCAATTAG | CGACAGGACTGTGATTATA |
| ACGGTTTATGGCTGATGTC | GGCAACTTGTGCTT |
| ACGCTTATTCGGCATGTA | GCACAGTCCTGGCTTAATGTTG |
| FTGATTGGCAGGGATTCTA | AGCTCTCCAAACTTCAGGCC |
| TCAGTGGACCTTCCTGCTG | CATGGGATACAGAACGCTCAAT |
| GCTTCTGGCTTATTAACCTG | TACGGCAAGTCACTAAATG |
| AGCAATGTTGCTGAACTTCTCA | CATATTCGGCTCAGGACACACC |
| CTTGAAGTAGGAAAGGGGAA | ATGTTGTCGATGGATGAA |
| GGCTGTTAAGTCGGTGGAGT | TCACTTCGACCATGGAAACC |
| CCGGGGTTGATTTTATCTG | AGGCTCTTCAAGCTTCCAT |
| GCATCCATTAACTGGCGAT | CAACTCTGGCTGAGTCATT |
| GAGGCTTCTTCGTTCTACGG | EGGCTGGATCACTTACAAA |
| ACAGGACACCAAGCACACAG | ATAGTCGGCAAGCAGCATAC |
| ATTCCTACCTCTCAGGAC | GGATGGCGTTTGTAAACTA |
| CGGAATGGCTTGTAAACTA | GTCAAGCCGAACTAACCATC |
| CACTAGATGTCAGCGGAGAA | TCTCTGGCTTATTCCT |
| GTCAACAGCTGGCTTCTTG | TCATAGACATCAACGAAATTG |
| TCTGTAAGGCGAAATTCTCG | GGCTGGATCACTTAC |
| TTAGGGCTTCTGGGAA | CCGGCTTGGCTTCAATTATA |
| GGGGATGATTGATTTTGGC | TGGCTTCAACTTACCAATT |
| C CGGGCGAACACATTATTT | AACTTCGAGGATTTGGAG |
| ATAACGGGAAACTGATTCA | |

Identified in this study as *Y. pestis*-specific genes

+ : amplification of expected size

+w : weak amplification of expected size

- : no amplification

* Regions possibly horizontally-acquired (phage or other origin) are indicated