Table S4. Expected *Yersinia pestis* genomic signatures and near-neighbor organism signatures

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Organism** | **Strain** | **Phenotype** | **GenBank ID** | **VALS\_(BCT358)** | **YP\_INV (BCT2326)** | **YP\_PLA (BCT2337)** | **YP\_CAF (BCT2339)** |
| *Y. pestis* | Antiqua | PLA+/CAF+ | gi|108793532 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | A29 G20 C32 T31 |
| *Y. pestis* | CO-92 Biovar Orientalis | PLA+/CAF+ | gi|16082781 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | A29 G20 C32 T31 |
| *Y. pestis* | D106004 | PLA+/CAF+ | gi|262363886 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | A29 G20 C32 T31 |
| *Y. pestis* | D182038 | PLA+/CAF+ | gi|262364042 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | A29 G20 C32 T31 |
| *Y. pestis* | KIM | PLA+/CAF+ | gi|2996286 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | A29 G20 C32 T31 |
| *Y. pestis* | KIM5 P12 (Biovar Mediaevalis) | PLA+/CAF+ | gi|31795183 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | A29 G20 C32 T31 |
| *Y. pestis* | Nepal516 | PLA+/CAF+ | gi|108793732 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | A29 G20 C32 T31 |
| *Y. pestis* | Z176003 | PLA+/CAF+ | gi|294501992 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | A29 G20 C32 T31 |
| *Y. pestis* | 91001 | PLA+/CAF+ | gi|45439865 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | A29 G20 C32 T31 |
| *Y. pestis* | CA88-4125 | PLA+/CAF+ | gi|149192721 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | A29 G20 C32 T31 |
| *Y. pestis* | CO92 | PLA+/CAF+ | gi|15979723 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | A29 G20 C32 T31 |
| *Y. pestis* | Angola | PLA+/CAF- | gi|162417821 | A26 G34 C35 T21 | A29 G21 C20 T23 | A21 G16 C18 T24 | Target Absent |
| *Y. pestis* | Pestoides F | PLA-/CAF+ | gi|145597192 | A26 G34 C35 T21 | A29 G21 C20 T23 | Target Absent | A29 G20 C32 T31 |