Supplemental Information

Figure S1: sequence of hupA-HiBiT^{opt}

>*hupA-hiBiT*^{opt}

GAGCTCCTGCAGTAAAGGAGAAAATTTTGTGAATAAAGCTGAATTAGTATCAAAGATGGCAGAAAAAAGTGG
ATTAACAAAGAAGGAAGCAGAAGCTGCGTTAAACGCATTTATGAGTTCTGTTCAAGATGCACTAGTAAATAAT
GAAAAAGTTCAATTAGTTGGATTTGGAACATTTGAGACAAGAGAAAGAGCTGCTAGACAAGGAAGAAATCCA
AGAGATCCAGAGCAAGTTATAGATATACCAGCTTCTAAAGCACCAGTTTTCAAAGCTGGAAAAGGATTAAAG
GATATAATAAATGGATCTCGAGGGGGTTCTAGTGGTGGTGGTGGTTCTGGTGGTGGTGGTTCTAGTGGTGTT
AGTGGTTGGAGACTTTTTAAGAAAATTTCTTAGGGATCC
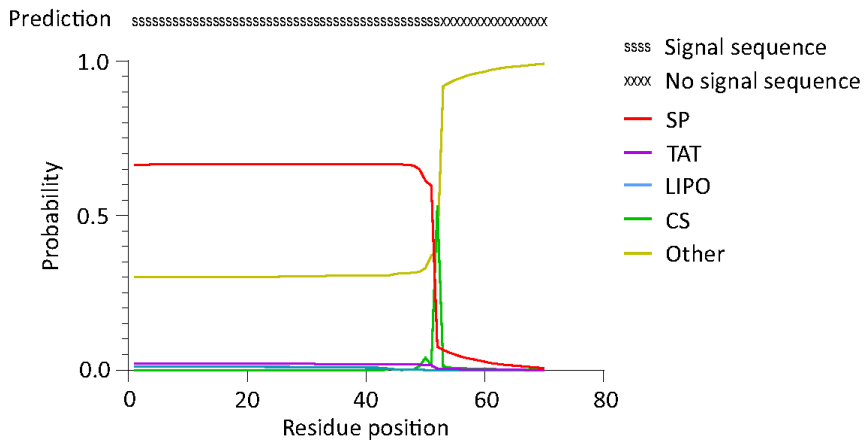
Figure S2: SignalP5.0 prediction for TcdC-C51S.