**Table S2** Amino acid identity of proteins involved in translocation, processing and surface localisation of FHbp in L91543 compared to MC58 (da Silva et al., 2017)

|  |  |
| --- | --- |
| MC58 (Accession Number: NC\_003112) | L91543 (Accession Number: CP016684) |
| Protein | **ID** | **Gene** | **ID** |  | **AA Identity (%)** |  |
| FHbp | NC\_003112.2/NMB1870 | *fhbp* | ANW71006.1 |  | 93 |  |
| PROCESSING Machinery |
| Lnt | NP\_273755.1/ NMB0713 | *lnt* | ANW71313.1 |  | 99 |  |
| LspA | NP\_274829.1/ NMB1832 | *lspA* | ANW71045.1 |  | 100 |  |
| Lgt | NP\_274105.1/ NMB1072 | *lgt* | ANW71667.1 |  | 98 |  |
| SORTING MACHINERY |
| LolA | NP\_273666.1/ NMB0622 | *lolA* | ANW71222.1 |  | 99 |  |
| LolB | NP\_273914.1/ NMB0873 | *lolB* | ANW71457.1 |  | 99 |  |
| LolF | NP\_274259.1/ NMB1235 | *lolF* | ANW71760.1 |  | 99 |  |
| LolD  | NP\_274258.1/ NMB1234 | *lolD* | ANW71759.1 |  | 97 |  |
| Slam | NP\_273362.1/ NMB0313 | *Slam* | ANW70408.1 |  | 99 |  |
| SEC TRANSLOCON |
| SecA | NP\_274543.1/ NMB1536 | *secA* | ANW70027.1 |  | 99 |  |
| SecB | NP\_274788.1/ NMB1789 | *secB* | ANW71093.1 |  | 100 |  |
| SecD | NP\_273651.1/ NMB0607 | *secD* | ANW71209.1 |  | 99 |  |
| SecE | NP\_273183.1/ NMB0125 | *secE* | ANW70781.1 |  | 100 |  |
| SecG | NP\_274884.1/ NMB1888 | *secG* | ANW70989.1 |  | 99 |  |
| SecF | NP\_273652.1/ NMB0608 | *secF* | ANW71210.1 |  | 99 |  |
| SecY | NP\_273220.1/ NMB0162 | *secY* | ANW70814.1 |  | 100 |  |