### S1 Table. List of potential *dsb* genes in *C. jejuni* 81116and orthologues in other strains

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Gene in  *C. jejuni* 81116 | Corresponding gene in  *C. jejuni*  81-176 | Corresponding gene in  *C. jejuni* 11168 | CXXC motif | Designation | Protein localization and other comments | References |
| ***c8j\_0814*** | *cjj81176\_0883* | *cj0872* | CIHC | DsbA1 | Periplasm | [2, 39] |
| ***c8j\_0811*** | *cjj81176\_0880* | pseudogene | CTHC | DsbA2 | Periplasm | [2, 39] |
| ***c8j\_0812*** | *cjj81176\_0881* | *cj0865* | CEQC | DsbB | Inner membrane | [39, 59] |
| ***c8j\_0016*** | *cjj81176\_0044* | *cj0017c* | CTLC | DsbI | atypical DsbB | [39, 59] |
| ***c8j\_1298*** | *cjj81176\_1382* | *cj1380* | CPYC | DsbC | Periplasm  Bifunctional thiol oxidoreductase | This work |
| ***c8j\_0565*** | *cjj81176\_0631* | *cj0603c* | CENC | DsbD | Inner membrane  Cytochrome c biogenesis  C8J\_1298 redox partner | [40]  This work |
| ***c8j\_1047*** | *cjj81176\_1124* | *cj1106* | CTPC | CcmG | Anchored in inner membrane  Cytochrome c biogenesis  Lipoprotein | [40] |
| ***c8j\_1150*** | *cjj81176\_1222* | *cj1207c* | CTPC | CcmG | Anchored in inner membrane  Cytochrome c biogenesis  Lipoprotein | [40] |
| ***c8j\_1566*** | *cjj81176\_1655* | *cj1664* | CPSC | ------------ | Unknown function  Lipoprotein  Iron regulated | [40, 42]  This work |
| ***c8j\_1567*** | *cjj81176\_1656* (shorter form) | *cj1665* | CGVC | ------------ | Lipoprotein  Unknown function  Iron regulated | [40, 42] |
| ***c8j\_1568*** | *cjj81176\_1657* | *cj1666c* | CGCC | ------------ | Periplasm  Unknown function  Iron regulated | [42]  This work |
| ***c8j\_0031*** | *cjj81176\_0065* | Not present | CVYC | ------------ | Biogenesis of  sulphate reductase  Small thioredoxin  Lipoprotein | [40]  This work |

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