## Supplementary Table 3. Differentially regulated chromosomal genes in ΔpaaB v. WT in TMP/SMX

| Gene          | Annotated function of encoded protein                                      | Fold Change |
|---------------|---------------------------------------------------------------------------|-------------|
| ACX60_RS00260 | DUF1328 domain-containing protein                                         | -2.21       |
| ACX60_RS00325 | HppD - 4-hydroxyphenylpyruvate dioxygenase                                  | -3.13       |
| ACX60_RS00335 | homogentisate 1,2 dioxygenase                                              | -5.69       |
| ACX60_RS00340 | MaiA - maleylacetoacetate isomerase                                         | -4.52       |
| ACX60_RS00345 | FahA - fumarylacetoacetase                                                 | -6.79       |
| ACX60_RS00350 | amino acid permease                                                        | -3.05       |
| ACX60_RS00430 | hypothetical protein                                                        | -2.19       |
| ACX60_RS00695 | hypothetical protein                                                        | -2.08       |
| ACX60_RS01850 | hypothetical protein                                                        | -2.48       |
| ACX60_RS05490 | hypothetical protein                                                        | -2.06       |
| ACX60_RS06110 | HemP - hemin uptake protein                                                 | -2.07       |
| ACX60_RS06425 | Ydel family stress tolerance protein                                        | -2.01       |
| ACX60_RS06605 | hypothetical protein                                                        | -2.72       |
| ACX60_RS07415 | hypothetical protein                                                        | -2.03       |
| ACX60_RS07420 | hypothetical protein                                                        | -2.12       |
| ACX60_RS09235 | CoA transferase subunit A                                                  | -2.14       |
| ACX60_RS10070 | HNH endonuclease                                                           | -2.01       |
| ACX60_RS10740 | hypothetical protein                                                        | -2.01       |
| ACX60_RS11185 | stress-induced protein                                                      | -2.20       |
| ACX60_RS11500 | AbaF - fosfomycin efflux transporter                                       | -3.17       |
| ACX60_RS12065 | hypothetical protein                                                        | -2.76       |
| ACX60_RS12910 | gamma-aminobutyraldehyde dehydrogenase                                     | -2.19       |
| ACX60_RS14780 | acyl-CoA dehydrogenase                                                     | -2.48       |
| ACX60_RS15630 | glycosyltransferase family 1 protein                                        | -2.63       |
| ACX60_RS15900 | HdeD family acid-resistance protein                                        | -2.12       |
| ACX60_RS16165 | CrcB - fluoride efflux transporter                                          | -2.21       |
| ACX60_RS16640 | hypothetical protein                                                        | -2.35       |
| ACX60_RS16810 | EamA family transporter                                                    | -2.31       |
| ACX60_RS17680 | DUF4126 domain-containing protein                                           | -2.11       |
| ACX60_RS17775 | EpsG family protein                                                        | -2.46       |
| ACX60_RS17930 | sulfonate ABC transporter substrate-binding protein                         | -2.27       |
| ACX60_RS03825 | AdeK                                                                      | 2.96        |
| ACX60_RS03830 | AdeJ                                                                      | 3.51        |
| ACX60_RS03835 | AdeI                                                                      | 3.11        |
| ACX60_RS03840 | phosphatase PAP2 family protein                                             | 2.85        |
| ACX60_RS05510 | metal dependent hydrolase                                                  | 2.04        |
| ACX60_RS05950 | septal ring lytic transglycosylase                                         | 2.19        |
| ACX60_RS06470 | hypothetical protein                                                        | 2.04        |
| ACX60_RS06475 | TetR family transcriptional regulator                                       | 3.52        |
| ACX60_RS06480 | CsuA/B                                                                     | 4.11        |
| ACX60_RS06485 | CsuA                                                                       | 4.83        |
| ACX60_RS06490 | CsuB                                                                       | 6.45        |
| ACX60_RS06495 | CsuC                                                                       | 4.21        |
| Gene ID          | Description                                           | Value  |
|-----------------|-------------------------------------------------------|--------|
| ACX60_RS06500   | CsuD                                                 | 3.90   |
| ACX60_RS06505   | CsuE                                                 | 2.74   |
| ACX60_RS06640   | Fis - DNA binding transcriptional regulator           | 2.03   |
| ACX60_RS07860   | hypothetical protein                                  | 2.09   |
| ACX60_RS08350   | phosphopyruvate hydratase                            | 2.00   |
| ACX60_RS09275   | AspA - aspartate ammonina lyase                      | 2.28   |
| ACX60_RS10395   | cupin domain-containing protein                      | 2.06   |
| ACX60_RS11425   | PaaX                                                 | 2.22   |
| ACX60_RS11430   | PaaK                                                 | 2.08   |
| ACX60_RS11435   | PaaJ                                                 | 2.05   |
| ACX60_RS11440   | PaaH                                                 | 2.43   |
| ACX60_RS11445   | PaaG                                                 | 2.38   |
| ACX60_RS11450   | PaaF                                                 | 2.73   |
| ACX60_RS11455   | PaaE                                                 | 2.94   |
| ACX60_RS11460   | PaaD                                                 | 3.26   |
| ACX60_RS11465   | PaaC                                                 | 3.06   |
| ACX60_RS11475   | PaaA                                                 | 3.10   |
| ACX60_RS11480   | PaaZ                                                 | 3.55   |
| ACX60_RS12905   | AsnC family transcriptional regulator                | 2.26   |