

## Supplementary material

### "Screening of inmates transferred to Spain reveals a Peruvian prison as a reservoir of persistent *Mycobacterium tuberculosis* MDR strains and mixed infections."

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**Supplementary Table S1. Details of the differential SNPs found in the variants of Callao-1 strain**

| Position | Ref. allele | Variant allele | PrC1 | PrC2 | PrC7 | PrC8 | Lim1 | Lim2 | Lim3 | MAU1 | Lim4 | Gene name                | Essential gene? | Synonymous change? | Function                                         |
|----------|-------------|----------------|------|------|------|------|------|------|------|------|------|--------------------------|-----------------|--------------------|--------------------------------------------------|
| 1175720  | C           | T              | T    | C    | C    | C    | C    | C    | C    | C    | C    | IG1068 (Rv1051c-Rv1052)  |                 |                    |                                                  |
| 1183195  | C           | T              | T    | C    | C    | C    | C    | C    | C    | C    | C    | Rv1059                   | No              | Yes (Leu>Leu)      | hypothetical protein                             |
| 924872   | C           | T              | C    | T    | T    | T    | C    | C    | C    | C    | C    | IG847 (Rv0831c-Rv0832)   |                 |                    |                                                  |
| 1259011  | C           | T              | C    | T    | C    | T    | C    | C    | C    | C    | C    | Rv1132                   | No              | No (Gln>Stop)      | hypothetical protein                             |
| 2579208  | G           | T              | G    | T    | G    | T    | G    | G    | G    | G    | G    | IG2341 (Rv2307c-Rv2307A) |                 |                    |                                                  |
| 3491767  | C           | T              | C    | T    | C    | C    | C    | C    | C    | C    | C    | IG3176 (Rv3125c-Rv3126c) |                 |                    |                                                  |
| 2365238  | A           | G              | G    | G    | G    | G    | A    | A    | A    | A    | A    | IG2135 (Rv2104c-Rv2105)  |                 |                    |                                                  |
| 3075520  | C           | T              | T    | T    | T    | T    | C    | C    | C    | C    | C    | IG2810 (Rv2765-Rv2766c)  |                 |                    |                                                  |
| 562874   | T           | C              | T    | T    | T    | T    | C    | C    | T    | T    | T    | Rv0472c                  | No              | No (Asp>Gly)       | HTH-type transcriptional regulator               |
| 1220204  | G           | C              | G    | G    | G    | G    | C    | C    | C    | G    | G    | IG1111 (Rv1092c-Rv1093)  |                 |                    |                                                  |
| 1292912  | G           | C              | G    | G    | G    | G    | G    | G    | C    | G    | G    | Rv1163 (narJ)            | No              | No (Gly>Arg)       | respiratory nitrate reductase subunit delta NarJ |
| 1761528  | C           | T              | C    | C    | C    | C    | C    | C    | T    | C    | C    | Rv1556                   | No              | No (Arg>Trp)       | HTH-type transcriptional regulator               |
| 4215419  | G           | C              | G    | G    | G    | G    | G    | G    | C    | G    | G    | Rv3770c                  | No              | Yes (Gly>Gly)      | hypothetical protein                             |
| 63897    | G           | T              | G    | G    | G    | G    | G    | G    | G    | T    | G    | IG59 (Rv0059-Rv0060)     |                 |                    |                                                  |
| 310013   | G           | C              | G    | G    | G    | G    | G    | G    | G    | C    | G    | Rv0257                   | No              | No (Trp>Cys)       | hypothetical protein                             |
| 1088782  | C           | G              | C    | C    | C    | C    | C    | C    | C    | G    | C    | Rv0976c                  | No              | No (Ser>Ala)       | hypothetical protein                             |
| 1088783  | T           | C              | T    | T    | T    | T    | T    | T    | T    | C    | T    |                          |                 |                    |                                                  |

| Position | Ref. allele | Variant allele | Prc1 | Prc2 | Prc7 | Prc8 | Lim1 | Lim2 | Lim3 | MAu1 | Lim4 | Gene name                | Essential gene? | Synonymous change? | Function                                                           |
|----------|-------------|----------------|------|------|------|------|------|------|------|------|------|--------------------------|-----------------|--------------------|--------------------------------------------------------------------|
| 1102878  | T           | C              | T    | T    | T    | T    | T    | T    | T    | C    | T    | Rv0987                   | No              | No (Phe>Leu)       | adhesion component transport transmembrane protein ABC transporter |
| 1552588  | C           | G              | C    | C    | C    | C    | C    | C    | C    | G    | C    | Rv1378c                  | No              | No (Ser>Thr)       | hypothetical protein                                               |
| 1663350  | G           | A              | G    | G    | G    | G    | G    | G    | G    | A    | G    | Rv1475c (acn)            | Yes             | Yes (Val>Val)      | aconitate hydratase                                                |
| 1931025  | A           | C              | A    | A    | A    | A    | A    | A    | A    | C    | A    | Rv1704c (cycA)           | No              | No (Ile>Met)       | D-serine/alanine/ glycine transporter protein CycA                 |
| 3232239  | T           | C              | T    | T    | T    | T    | T    | T    | T    | C    | T    | Rv2920c (amt)            | No              | No (Lys>Glu)       | ammonium transporter                                               |
| 3641119  | T           | C              | T    | T    | T    | T    | T    | T    | T    | C    | T    | Rv3261 (fbiA)            | No              | No (Ser>Pro)       | LPPG:FO 2-phospho-L-lactate transferase                            |
| 4300429  | A           | G              | A    | A    | A    | A    | A    | A    | A    | G    | A    | Rv3826 (fadD23)          | No              | Yes (Val>Val)      | acyl-CoA synthetase                                                |
| 6579     | C           | A              | C    | C    | C    | C    | C    | C    | C    | C    | A    | Rv0005 (gyrB)            | Yes             | No (Ser>Tyr)       | DNA gyrase subunit B (FQ resistance)                               |
| 507612   | G           | A              | G    | G    | G    | G    | G    | G    | G    | G    | A    | Rv0421c                  | No              | Yes (Ala>Ala)      | hypothetical protein                                               |
| 577617   | T           | G              | T    | T    | T    | T    | T    | T    | T    | T    | G    | IG492 (Rv0487-Rv0488)    |                 |                    |                                                                    |
| 1347599  | G           | A              | G    | G    | G    | G    | G    | G    | G    | G    | A    | Rv1204c                  | Yes             | Yes (Ala>Ala)      | hypothetical protein                                               |
| 1604091  | C           | T              | C    | C    | C    | C    | C    | C    | C    | C    | T    | Rv1428c                  | No              | Yes (Leu>Leu)      | hypothetical protein                                               |
| 2123145  | C           | T              | C    | C    | C    | C    | C    | C    | C    | C    | T    | Rv1872c (lldD2)          | No              | No (Val>Ile)       | L-lactate dehydrogenase (cytochrome) lldD2                         |
| 4356770  | G           | A              | G    | G    | G    | G    | G    | G    | G    | G    | A    | Rv3878                   | No              | Yes (Gln>Gln)      | hypothetical protein                                               |
| 2288859  | A           | C              | D*   | D*   | D*   | D*   | A    | A    | A    | A    | C    | Rv2043c (pncA)           | No              | No (Val>Gly)       | pyrazinamidase/ nicotinamidas PNCA (PZase) (PZA resistance)        |
| 2278495  | T           | G              | G    | G    | G    | G    | G    | G    | G    | T    | T    | IG2062 (Rv2030c-Rv2031c) |                 |                    |                                                                    |
| 365607   | A           | C              | C    | C    | C    | C    | C    | C    | C    | C    | A    | Rv0303                   | No              | No (Asp>Ala)       | dehydrogenase/ reductase                                           |
| 815835   | T           | G              | G    | G    | G    | G    | G    | G    | G    | G    | T    | Rv0724 (sppA)            | No              | No (Leu>Arg)       | protease IV SppA                                                   |

\* D: deletion of 15pb (position: 2288853..2288867)