**Supplementary Table 1 - Synteny analysis of *whiB5* and Rv0023**

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| **Strain**  | **Pathogenicity**  | **whiB5-Rv0023 locus**  |
| *Mycobacterium bovis*  | Pathogen  | Present  |
| *Mycobacterium africanum*  | Pathogen  | Present  |
| *Mycobacterium canettii*  | Pathogen  | Present  |
| *Mycobacterium tuberculosis*  | Pathogen  | Present  |
| *Mycobacterium avium*  | Pathogen  | Present  |
| *Mycobacterium marinum*  | Pathogen  | Present  |
| *Mycobacterium kansasii*  | Pathogen  | Present  |
| *Mycobacterium smegmatis*  | Non -Pathogen  | Absent  |
| *Mycobacterium rhodesiae*  | Non -Pathogen  | Absent  |
| *Mycobacterium gilvum*  | Non -Pathogen  | Absent  |
| *Mycobacterium vanbaalenii*  | Non -Pathogen  | Absent  |