**Supplementary Table 1.** Description of the isolates origins

| Isolate/Sample ID | Source       | Identity   | Country of Origin | Settings      |
|-------------------|--------------|------------|-------------------|---------------|
| T20               | WWTP         | *S. lentus*| South Africa      | Environmental |
| T27               | WWTP         | *S. cohnii*| South Africa      | Environmental |
| T28               | WWTP         | *S. cohnii*| South Africa      | Environmental |
| T6                | WWTP         | *S. haemolyticus* | South Africa | Environmental |
| T28b              | WWTP         | *S. cohnii*| Nigeria           | Environmental |
| C33               | Wound Swab   | *S. cohnii*| Nigeria           | Clinical      |
| L4                | Wound Swab   | *S. haemolyticus* | Nigeria | Clinical      |
| D13b              | Urine        | *S. cohnii*| Nigeria           | Clinical      |

WWTP: Waste Water Treatment Plant
### Supplementary Table 2. CheckM quality assessment of the assembled genomes

| Isolate | Completeness (%) | Contamination (%) |
|---------|------------------|-------------------|
| T28     | 99.45            | 0                 |
| T28b    | 99.45            | 0                 |
| T27     | 99.45            | 0                 |
| T6      | 98.34            | 0.55              |
| D13b    | 96.45            | 0.55              |
| L4      | 91.91            | 0.55              |
| C33     | 99.45            | 1.1               |
| T20     | 98.34            | 1.1               |
Supplementary Fig. 1
