**Table 3. Dominant antimicrobial resistance genes identified in ISS-MAGs**

| Sample | Species identified | Presence/absence of antimicrobial resistance genes that are: | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Copper-translocating P-type ATPase | DNA gyrase subunit A | DNA gyrase subunit B | DNA-directed RNA polymerase beta subun | Topoisomerase IV subunit A | Topoisomerase IV subunit B | LSU ribosomal protein L20p | LSU ribosomal protein L35p | SSU ribosomal protein S12p (S23e) | SSU ribosomal protein S7p (S5e) | Translation elongation factor G | Translation elongation factor Tu | Translation initiation factor 3 |
| F1-2P | *Enterobacter bugandensis* | + | + | + | + | + | + | + | + | | | | | + |
| F1-4P | *Staphylococcus aureus* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F1-5P | *Pantoea conspicua* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F1-8P | *Microbacterium hominis* | + | + | + | + | + | + | | | + | + | + | + | |
| | | | | | | | | | | | | | | |
| F2-1P | *Acinetobacter pittii* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F2-1P | *Kocuria palustris* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F2-2P | *Staphylococcus saprophyticus* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F2-5P | *Paenibacillus polymyxa* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F2-5P | *Pantoea conspicua* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F2-7P | *Methylobacterium ajmalii* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F2-7P | *Sphingomonas sanguinis* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F2-8P | *Paenibacillus polymyxa* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F2-8P | *Staphylococcus aureus* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | |
| F3-1P | *Kalamiella piersonii* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F3-2P | *Staphylococcus saprophyticus* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F3-3P | *Klebsiella pneumoniae* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F3-4P | *Pantoea dispersa* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F3-5P | *Kalamiella piersonii* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F3-7P | *Kalamiella piersonii* | + | + | + | + | + | + | + | + | + | + | + | + | + |
| F3-8P | *Kalamiella piersonii* | + | + | + | + | + | + | + | + | + | + | + | + | + |