Table 1. Frequency of the genes isolated from the environment

| Gene | Count | Percentage | N (%) |
| --- | --- | --- | --- |
| mepA | 87 | 8.2 | 87 (8.2%) |
| mecA | 86 | 8.1 | 86 (8.1%) |
| tet(38) | 85 | 8.0 | 85 (8%) |
| blaI | 82 | 7.7 | 82 (7.7%) |
| blaR1 | 79 | 7.5 | 79 (7.5%) |
| blaZ | 76 | 7.2 | 76 (7.2%) |
| fosB | 72 | 6.8 | 72 (6.8%) |
| aadD1 | 40 | 3.8 | 40 (3.8%) |
| mph(C) | 40 | 3.8 | 40 (3.8%) |
| msr(A) | 40 | 3.8 | 40 (3.8%) |
| ant(9)-Ia | 37 | 3.5 | 37 (3.5%) |
| erm(A) | 36 | 3.4 | 36 (3.4%) |
| mecR1 | 36 | 3.4 | 36 (3.4%) |
| aph(3')-IIIa | 35 | 3.3 | 35 (3.3%) |
| bleO | 35 | 3.3 | 35 (3.3%) |
| mecI | 35 | 3.3 | 35 (3.3%) |
| sat4 | 34 | 3.2 | 34 (3.2%) |
| erm(C) | 16 | 1.5 | 16 (1.5%) |
| tet(K) | 13 | 1.2 | 13 (1.2%) |
| dfrG | 12 | 1.1 | 12 (1.1%) |
| ant(6)-Ia | 10 | 0.9 | 10 (0.9%) |
| tet(M) | 9 | 0.8 | 9 (0.8%) |
| Other genes | 55 | 5.2 | 55 (5.2%) |

Other genes include genes less than 9 counts in occurrence: aac(6')-Ie/aph(2'')-Ia, lnu(B), fosY, lsa(E), spw, fexA, blaPC1, dfrS1, gyrA\_S84L, ant(6)-Ia=PARTIAL, cfr, dfrF, dfrK, lsa (E), mapA, mpc(C), mph(C)l, mph©, mupA, sr(A), str, tet(38) MISTRANSLATION, tet(38) point