The distribution of the genes according to locations

| Complete MRSA genes detected | China | Italy: Bari | Netherlands | Serbia | USA:Baltimore, MD |
| --- | --- | --- | --- | --- | --- |
| blaI | 2 (16.7%) | 1 (9.1%) | 1 (6.7%) | 9 (7.4%) | 68 (7.6%) |
| blaR1 | 2 (16.7%) | 1 (9.1%) | 1 (6.7%) | 9 (7.4%) | 65 (7.3%) |
| blaZ | 2 (16.7%) | 1 (9.1%) | 0 (0%) | 9 (7.4%) | 64 (7.2%) |
| mecA | 2 (16.7%) | 1 (9.1%) | 1 (6.7%) | 10 (8.3%) | 71 (8%) |
| mepA | 2 (16.7%) | 1 (9.1%) | 0 (0%) | 10 (8.3%) | 73 (8.2%) |
| tet(38) | 2 (16.7%) | 1 (9.1%) | 1 (6.7%) | 10 (8.3%) | 70 (7.8%) |
| ant(6)-Ia | 0 (0%) | 1 (9.1%) | 0 (0%) | 8 (6.6%) | 0 (0%) |
| aph(3')-IIIa | 0 (0%) | 1 (9.1%) | 0 (0%) | 2 (1.7%) | 31 (3.5%) |
| erm(C) | 0 (0%) | 1 (9.1%) | 0 (0%) | 3 (2.5%) | 12 (1.3%) |
| sat4 | 0 (0%) | 1 (9.1%) | 0 (0%) | 2 (1.7%) | 30 (3.4%) |
| tet(K) | 0 (0%) | 1 (9.1%) | 1 (6.7%) | 8 (6.6%) | 3 (0.3%) |
| Other Genes | 0 (0%) | 0 (0%) | 7 (46.7%) | 23 (19%) | 24 (2.7%) |
| ant(9)-Ia | 0 (0%) | 0 (0%) | 1 (6.7%) | 0 (0%) | 35 (3.9%) |
| dfrG | 0 (0%) | 0 (0%) | 1 (6.7%) | 6 (5%) | 5 (0.6%) |
| tet(M) | 0 (0%) | 0 (0%) | 1 (6.7%) | 6 (5%) | 2 (0.2%) |
| aadD1 | 0 (0%) | 0 (0%) | 0 (0%) | 6 (5%) | 34 (3.8%) |
| bleO | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 35 (3.9%) |
| erm(A) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 35 (3.9%) |
| fosB | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 71 (8%) |
| mecI | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 35 (3.9%) |
| mecR1 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 36 (4%) |
| mph(C) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 40 (4.5%) |
| msr(A) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 40 (4.5%) |