|  |  |
| --- | --- |
| **General genome features** | ***S. marcescens* RO1** |
|  |  |
| Genome size (bp) | 5.345.289 |
| % G+C content | 59.41 |
| No. of contigs | 65 |
| No. of indicated protein-encoding genes |  |
| Total | 5294 |
| With functional assignments | 4289 |
| Hypothetical | 1005 |
| No. of indicated RNA genes |  |
| rRNA operons | 4 |
| tRNA molecules | 78 |
| Virulence Factors (VFDB) | 24  Flagellum, Lipopolysaccharide |
| Antibiotic Resistance genes | 5  *ampC, acc(6)-lc, macAB, tetA, fosA* |
| Genes encoding plasmid replication proteins | 0 |
| Genes coding for transposases/integrases/excisionases | 4/11/0 |
| Pathways of secondary metabolites | 8 |
|  |  |

**Table S1.-** General features of the whole genome sequence of *S. marcescens* RO1 isolated from a pink-coloured curd.