Figure S1. *Serratia* spp. *luxS* gene alignment using CLUSTAL W2.1. Rows: 1-, *S. marcescens* ATCC274; 2-, *S. liquefaciens* ATCC27592; 3-, *S. odorifera*; 4-, *S. rubidaea*.

1- ATGCCCTTAGCAGTAGTTACGTGCCGCTATACCGCTGATATCTGAGCCGAGCCGCTGCTGC
2- ATGCCCTAGCTGATATGTTACGTGCCGCTATACCGCTGCCGCTGCTGC
3- ATGCCCTAGCTGATATGTTACGTGCCGCTATACCGCTGCCGCTGCTGC
4- ATGCCCTAGCTGATATGTTACGTGCCGCTATACCGCTGCCGCTGCTGC
5- ****************************

1- GCGGCCTTGGTATGGCCACACCTGAACGGCGAGCGGTGAGATATCGACATCTCCCA
2- GCGGCCTTGGTATGGCCACACCTGAACGGCGAGCGGTGAGATATCGACATCTCCCA
3- GCGGCCTTGGTATGGCCACACCTGAACGGCGAGCGGTGAGATATCGACATCTCCCA
4- GCGGCCTTGGTATGGCCACACCTGAACGGCGAGCGGTGAGATATCGACATCTCCCA
5- ****************************

1- ATGCCCTAGCCCGAGCGGTGTTCTTCACTAGCAGCTGCGCTGCGGAAAGACGCGGCTTT
2- ATGCCCTAGCCCGAGCGGTGTTCTTCACTAGCAGCTGCGCTGCGGAAAGACGCGGCTTT
3- ATGCCCTAGCCCGAGCGGTGTTCTTCACTAGCAGCTGCGCTGCGGAAAGACGCGGCTTT
4- ATGCCCTAGCCCGAGCGGTGTTCTTCACTAGCAGCTGCGCTGCGGAAAGACGCGGCTTT
5- ****************************

1- GCGGCCTTGGTATGGCCACACCTGAACGGCGAGCGGTGAGATATCGACATCTCCCA
2- GCGGCCTTGGTATGGCCACACCTGAACGGCGAGCGGTGAGATATCGACATCTCCCA
3- GCGGCCTTGGTATGGCCACACCTGAACGGCGAGCGGTGAGATATCGACATCTCCCA
4- GCGGCCTTGGTATGGCCACACCTGAACGGCGAGCGGTGAGATATCGACATCTCCCA
5- ****************************

1- CCTGAGCTGAACGAGTACAGTGAGTAGCTACACGACTGCTGGAGAAAGCCGAG
2- CCTGAGCTGAACGAGTACAGTGAGTAGCTACACGACTGCTGGAGAAAGCCGAG
3- CCTGAGCTGAACGAGTACAGTGAGTAGCTACACGACTGCTGGAGAAAGCCGAG
4- CCTGAGCTGAACGAGTACAGTGAGTAGCTACACGACTGCTGGAGAAAGCCGAG
5- ****************************

1- GAATGCCGAAAGGAGAAGCTGAGAGGAGTCTGACATCTGA
2- GAATGCCGAAAGGAGAAGCTGAGAGGAGTCTGACATCTGA
3- GAATGCCGAAAGGAGAAGCTGAGAGGAGTCTGACATCTGA
4- GAATGCCGAAAGGAGAAGCTGAGAGGAGTCTGACATCTGA
5- ****************************