

Supplementary Table S1: The sequences of four shRNAs for *luxR* gene

Name	shRNA Sequence (5'-3')
<i>luxR</i> -RNAi-1	F:5'-CACCGCCTACCAAGGTTCTCGTATTTCAAGAGAAATACGAGAACCTTGGTAGGC-3' R:5'-AAAAGCCTACCAAGGTTCTCGTATTTCTCTTGAAAATACGAGAACCTTGGTAGGC-3'
<i>luxR</i> -RNAi-2	F:5'-CACCGCCTGAATGAACTGATCAAGGTTCAAGAGACCTTGATCAGTTCATTCAGGC-3' R:5'-AAAAGCCTGAATGAACTGATCAAGGTCTCTTGAACCTTGATCAGTTCATTCAGGC-3'
<i>luxR</i> -RNAi-3	F:5'-CACCGGCACTGGGTATGAGTAATAATTCAAGAGATTATTACTCATACCCAGTGCC-3' R:5'-AAAAGGCACTGGGTATGAGTAATAATCTCTTGAATTATTACTCATACCCAGTGCC-3'
<i>luxR</i> -RNAi-4	F:5'-CACCGCTGAATCCATGCAAATTAGCTTCAAGAGAGCTAATTTGCATGGATTTCAGC-3' R:5'-AAAAGCTGAATCCATGCAAATTAGCTCTCTTGAAGCTAATTTGCATGGATTTCAGC-3'