

Table s1: Analysis of differentially expressed genes of ATCC 25923 treated with 1MIC DP7 or PBS

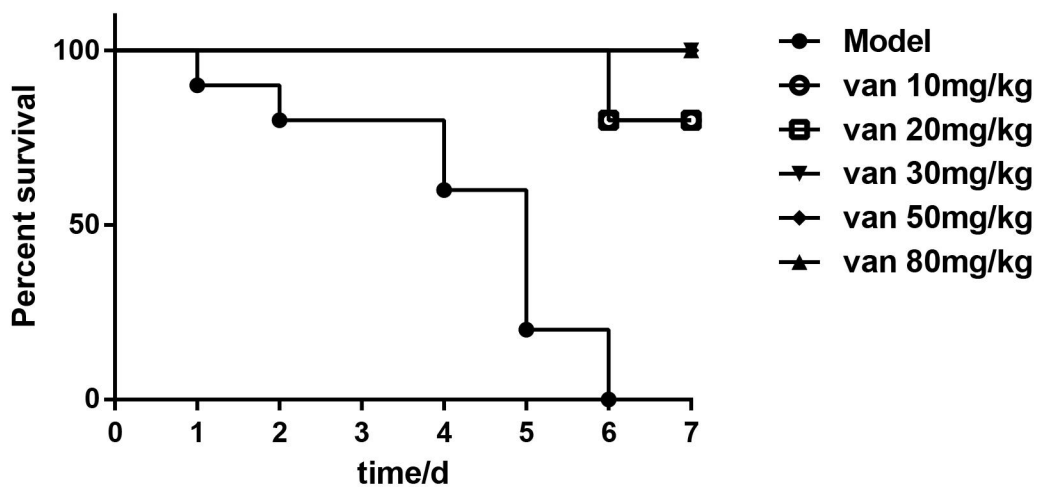
Table s2: Analysis of differentially expressed genes of ATCC 33591 treated with 1MIC DP7 or PBS

Table s3: Gene ontology enrichment analysis of differentially expressed genes in ATCC 25923 treated with 1MIC DP7 or PBS

Table s4: Gene ontology enrichment analysis of differentially expressed genes in ATCC 33591 treated with 1MIC DP7 or PBS

Table s5: qRT-PCR primers used in this study

Name	Sequence(5'→3')a	Name	Sequence(5'→3')a
<i>sigB</i> -RT-F	AATGGTCATCTTGTTGTCCT	<i>sigB</i> -RT-R	ACCGCTGAATTAGAGCGTTCA
<i>rsbU</i> -RT-F	AGCCATCACTCGGTAATTGTGA	<i>rsbU</i> -RT-R	TTCAGTGCGGCACAAAAAG
<i>rsbV</i> -RT-F	CCTACGAATAAACCTAACCTGTCG	<i>rsbV</i> -RT-R	ACGAAGTTAAAGTCGGTGGAGA
<i>rsbW</i> -RT-F	TGTTTAACTGCATTTGTCACAGC	<i>rsbW</i> -RT-R	TTTATCGAAATGCGCGTGCC
<i>gyrB</i> -RT-F	ATTGCACAGCCACCGTTGTA	<i>gyrB</i> -RT-R	CGGTGCTCAGGGTTCATTGT



**Figure S1.** Experimental murine model of blood stream infection. C57 female mice were infected with  $1 \times 10^8$  CFU of MRSA ATCC 33591 by intravenous injection, and different concentrations of vancomycin were administered 1 h after injection. Then the survival of mice was counted every 24 hours.