

	Previous report <sup>b</sup>				Our result		
	microarray		RT-qPCR		microarray	RT-qPCR	
	$\Delta$ airR/Newman		$\Delta$ airR/Newman		$\Delta$ airSR/8325	$\Delta$ airSR/8325	
	midlog	stationary	midlog	stationary		aerobic <sup>c</sup>	anaerobic
<i>cap5A</i>	4.92	45.71	2.81 ± 0.53	5.76 ± 0.08	-3.61	-1.97 ± 0.07 <sup>d</sup>	1.26 ± 0.13 <sup>d</sup>
<i>RNAIII</i>	3.57	3.39	16.99 ± 0.09	10.99 ± 0.07	-1.06	1.21 ± 0.09	1.47 ± 0.12
<i>agrA</i>	1.96				0.79	1.07 ± 0.04	1.15 ± 0.23
<i>agrD</i>		2.63			0.82		
<i>saeS</i>		3			0.93	0.89 ± 0.11	1.05 ± 0.07
<i>saeR</i>		2.27			0.93		
<i>rsbW</i>		2.77			-1.76		
<i>rsbU</i> <sup>a</sup>		1.87					
<i>spa</i>	-2.2	-3.96	-18 ± 0.12	-9 ± 0.08	-4.75	-2.57 ± 0.17	-3.01 ± 0.26
<i>hlgC</i>	-2.97	-2.08			-4.66	-2.94 ± 0.33	-3.86 ± 0.61
<i>lytM</i>	2.07				-1.69	-1.56 ± 0.21	-1.39 ± 0.15
<i>pbp1</i>		2.32			-2.05	-1.82 ± 0.26	

<sup>a</sup> RsbU is inactive in 8325, so *rsbU* microarray result was not presented.

<sup>b</sup> Data is from “Sun F, Ji Q, Jones MB, Deng X, Liang H, Frank B, Telser J, Peterson SN, Bae T, He C: AirSR, a [2Fe-2S] cluster-containing two-component system, mediates global oxygen sensing and redox signaling in *Staphylococcus aureus*. Journal of the American Chemical Society 2012, 134(1):305-314.”

<sup>c</sup> Data is obtained from total RNA of OD<sub>600</sub> = 2.0

<sup>d</sup> It is RT-qPCR data of *cap5B*