

Table S10. DEGs down-regulated by both ϕ SA169 and MRSA genetic backgrounds

locus	gene	group	product	301-188:: ϕ SA169 vs. 301-188			300-169 vs. 301-188			300-169 vs. 301-188:: ϕ SA169		
				log ₂ (fold change)	p value	p adj	log ₂ (fold change)	p value	p adj	log ₂ (fold change)	p value	p adj
AS94_03800			cysteine protease	-0.816	0.001	0.014	-2.378	0.000	0.000	-1.563	0.000	0.000
AS94_05575			PTS lactose transporter subunit IIBC	-0.742	0.000	0.000	-2.334	0.000	0.000	-1.592	0.000	0.000
AS94_05580	<i>lacF</i>		PTS lactose transporter subunit IIA	-1.109	0.002	0.029	-3.043	0.000	0.000	-1.933	0.000	0.000
AS94_05585	<i>lacD</i>		tagatose-bisphosphate aldolase	-0.807	0.000	0.000	-2.569	0.000	0.000	-1.762	0.000	0.000
AS94_05590	<i>lacC</i>		tagatose-6-phosphate kinase	-0.855	0.000	0.000	-2.374	0.000	0.000	-1.519	0.000	0.000
AS94_05595	<i>lacB</i>	host genes	galactose-6-phosphate isomerase	-1.089	0.000	0.000	-2.300	0.000	0.000	-1.210	0.000	0.000
AS94_05600	<i>lacA</i>		galactose-6-phosphate isomerase	-0.759	0.001	0.011	-2.599	0.000	0.000	-1.840	0.000	0.000
AS94_07070	<i>gntK</i>		gluconokinase	-0.387	0.001	0.011	-0.704	0.000	0.000	-0.317	0.005	0.012
AS94_09210			general stress protein	-0.585	0.000	0.002	-1.882	0.000	0.000	-1.297	0.000	0.000
AS94_10365			sialic acid transporter	-0.784	0.000	0.000	-1.527	0.000	0.000	-0.743	0.000	0.000
AS94_10370			N-acetylneuraminate lyase	-0.838	0.000	0.000	-1.747	0.000	0.000	-0.910	0.000	0.000
AS94_10375			N-acetylmannosamine kinase	-0.368	0.003	0.047	-0.868	0.000	0.000	-0.500	0.000	0.000
AS94_12875	<i>hld</i>		delta-hemolysin	-0.429	0.000	0.001	-0.725	0.000	0.000	-0.296	0.004	0.010
AS94_13070	<i>nanA</i>		autolysin	-1.467	0.000	0.000	-2.341	0.000	0.000	-0.873	0.000	0.000
AS94_13075			holin	-1.693	0.000	0.000	-3.249	0.000	0.000	-1.556	0.000	0.000
AS94_13095			hypothetical protein	-1.697	0.000	0.000	-2.348	0.000	0.000	-0.651	0.002	0.006
AS94_13100			minor structural protein	-1.525	0.000	0.000	-2.067	0.000	0.000	-0.542	0.001	0.003
AS94_13110		mutual prophage	peptidase	-1.716	0.000	0.000	-2.176	0.000	0.000	-0.459	0.021	0.044
AS94_13120			tail protein	-1.623	0.000	0.000	-2.112	0.000	0.000	-0.489	0.000	0.000
AS94_13135			tail protein	-1.424	0.000	0.000	-2.071	0.000	0.000	-0.647	0.000	0.001
AS94_13195			transcriptional regulator	-0.735	0.000	0.000	-1.929	0.000	0.000	-1.194	0.000	0.000
AS94_13200			helicase	-0.895	0.000	0.000	-1.557	0.000	0.000	-0.662	0.002	0.006
AS94_13205			hypothetical protein	-0.750	0.000	0.002	-1.435	0.000	0.000	-0.686	0.001	0.002

