

Table S4: Fold changes in gene expression in MAC-T cells treated with heat inactivated *E. coli* stain P4 or *S. aureus* strain Smith CP at various time points as compared to untreated samples (zero time point). Values below the fold changes are standard error ranges. *P<0.5, **P<0.01

Gene symbol	<i>Escherichia coli</i>					<i>Staphylococcus aureus</i>				
	2 hr	6 hr	12 hr	24 hr	48 hr	2 hr	6 hr	12 hr	24 hr	48 hr
Immune process/response										
A1BG	1.75** 1.17-2.51	2.86** 2.01-4.35	3.20** 1.97-5.03	2.37** 1.48-3.77	2.61** 1.79-3.83	2.09** 1.53-3.02	6.10** 3.86-9.59	4.43** 2.82-7.00	4.98** 2.61-9.58	3.74** 2.45-5.59
AHSG	0.69 0.32-1.77	1.65 1.23-6.16	1.67 0.75-3.43	1.45 0.64-3.28	3.75** 1.83-7.60	0.68 0.19-1.08	1.35 1.07-2.15	2.95** 2.31-3.16	1.80** 1.09-2.72	1.76** 1.46-2.83
APOA1	1.45 1.06-2.14	1.57* 0.84-2.9	2.13** 1.20-3.99	4.87** 2.45-10.04	40.87** 22.70-76.66	1.16 0.81-1.57	↓0.26** 0.14-0.54	↓0.22** 0.126-0.33	1.17 0.64-1.99	3.08** 1.78-4.53
CATHL1	↓0.26** 0.19-0.37	4.21** 2.89-5.79	2.34** 1.40-3.30	2.56** 1.77-3.04	4.83** 3.77-5.88	↓0.44* 0.15-1.18	3.48** 1.50-8.87	3.73** 1.81-8.23	3.49** 1.79-9.10	14.53** 7.49-35.42
CATHL4	0.801 0.17-2.28	3.05** 2.93-7.23	4.89** 3.17-7.67	5.24** 3.89-7.30	5.10** 2.88-9.53	↓0.9 0.06-.019	3.08** 1.43-7.39	2.66** 1.65-4.11	1.23 0.77-1.98	1.95 1.01-6.06
CFB	11.71** 9.33-15.25	17.29** 13.45-22.45	21.61** 17.37-28.47	58.56** 47.02-74.51	263.77** 25.66-343.67	1.65** 1.05-2.60	3.611** 2.23-6.18	14.92** 8.40-24.45	168.16** 121.59-256.91	36.72** 251.94-560.30
CFH	3.01** 1.79-6.34	3.04** 1.77-6.24	5.51** 2.87-9.78	5.31** 3.19-10.55	2.41** 1.12-4.32	1.60** 1.06-2.45	2.55** 1.83-3.49	3.45** 2.34-4.73	4.600** 2.43-7.76	0.91 0.62-1.41
FGB	1.34 1.08-1.70	1.37 1.08-1.76	1.30 0.99-1.74	1.61** 1.26-2.09	1.04 0.83-1.29	2.199** 1.67-2.90	2.29** 1.82-2.91	2.17** 1.61-2.89	1.64** 1.24-2.20	1.06 0.87-1.36
HP	5.08** 3.17-7.81	7.40** 4.36-10.57	9.62** 5.98-15.13	12.65** 7.33-19.54	28.73** 17.19-41.33	1.34 0.82-2.17	2.00** 1.17-3.33	2.37** 1.58-3.84	3.90** 2.40-6.43	15.02** 9.48-24.55
ITIH4	1.44 0.72-2.31	1.56* 0.93-2.59	1.69* 0.91-2.73	1.10 0.66-1.74	0.89 0.46-1.59	1.87** 1.39-2.47	2.15** 1.59-3.05	1.34 0.86-2.00	0.89 0.67-1.19	↓0.69** 0.49-0.95
Binding activities										
ACTN4	1.80** 1.45-2.29	2.48** 1.93-3.15	2.24** 1.80-2.89	1.90** 1.45-2.52	1.38 1.06-1.88	2.55** 2.17-2.92	2.59** 2.02-3.04	2.08** 1.84-2.37	1.53** 1.26-2.06	1.36 1.12-1.58
CP	0.85 0.61-1.29	1.66** 1.19-2.29	2.27** 1.56-3.50	0.90 0.39-1.76	1.24 0.71-2.17	1.30 0.83-2.18	2.69** 1.51-3.78	2.63** 1.45-3.48	2.41** 1.23-3.55	2.62** 1.18-3.96
CHI3L1	1.27 0.99-1.59	1.71** 1.46-2.01	2.03** 1.66-2.51	4.00** 3.22-4.87	10.02** 8.45-12.15	0.97 0.77-1.20	1.31 1.09-1.59	1.50** 1.26-1.76	3.49** 2.80-4.41	7.35** 5.87-9.34
CFL1	1.39 1.19-1.63	1.65** 1.38-1.96	1.71** 1.47-2.03	1.48 1.26-1.79	0.98 0.82-1.14	2.00** 1.79-2.21	2.24** 1.94-2.57	2.29** 1.94-2.82	1.89** 1.74-2.08	1.33 1.19-1.51
ENO1	1.211.05- 1.48	1.42** 1.22-1.74	1.49** 1.22-1.83	1.44** 1.20-1.77	1.42** 1.17-1.72	1.22 1.09-1.39	1.27 1.09-1.51	1.24 0.99-1.56	1.31* 1.18-1.50	1.34* 1.21-1.51
ALDOA	1.02 0.86-1.23	1.09 0.95-1.21	1.15 0.92-1.46	1.39 1.21-1.54	1.36 1.17-1.57	1.08 0.98-1.19	0.96 0.87-1.06	0.92 0.800-1.100	1.16 0.97-1.52	1.21 1.05-1.39
GSN	2.97** 2.26-3.82	3.97** 2.93-5.04	3.17** 2.28-4.13	3.00** 2.21-3.82	3.30** 2.42-4.28	3.49** 2.62-4.78	3.41** 2.305.28	2.34** 1.57-3.64	1.95** 1.49-2.63	2.38** 1.83-2.95

HPX	1.33	1.28	1.60**	1.20	1.40	0.92	0.81	0.77	0.79	↓0.66**
	0.86-1.99	0.86-2.43	1.07-2.41	0.81-1.94	0.94-2.19	0.75-1.13	0.68-0.93	0.62-0.91	0.66-0.94	0.49-0.83
LCP1	2.38**	5.03**	5.18**	3.369**	1.45**	1.90**	3.93**	4.02**	2.71**	1.42**
	1.91-3.05	4.08-6.44	4.18-6.60	2.67-4.21	1.13-1.87	1.70-2.13	3.43-4.46	3.57-4.47	2.25-3.18	1.30-1.56
NUCB1	↓0.65**	0.86	0.80	↓0.78**	↓0.78*	↓0.77**	↓0.66**	↓0.632**	↓0.60**	↓0.63**
	0.53-0.77	0.69-1.08	0.67-0.99	0.65-0.89	0.53-1.03	0.61-0.90	0.53-0.85	0.50-0.81	0.47-0.77	0.51-0.76
S100A9	1.51**	3.77**	4.78**	2.96**	5.33**	1.50**	3.43**	3.94**	2.74**	4.19**
	1.19-1.90	3.19-4.61	3.89-5.92	2.43-3.70	4.21-6.66	1.32-1.76	2.93-4.13	3.36-4.65	2.19-3.66	3.48-5.29
Enzyme activities										
SERPINB4	0.87	2.23**	2.61**	2.82**	12.87**	1.04	3.67**	4.65**	3.18**	16.01**
	0.58-1.22	1.64-3.08	2.10-3.12	2.32-3.48	9.88-16.47	0.67-1.67	2.17-5.46	2.95-7.41	1.65-6.48	10.04-25.45
SERPINB1	1.70**	2.14**	1.80**	1.75**	2.44**	1.22	1.31	1.22	2.58**	2.52**
	1.11-2.77	1.43-3.32	1.06-3.04	1.19-2.71	1.57-3.76	0.70-2.40	0.65-2.31	0.58-2.51	1.56-5.32	1.47-4.98
Biological adhesion										
PFN1	1.47	1.81**	1.89**	1.66**	1.25	1.73**	2.08**	2.08**	1.83**	1.41
	1.25-1.76	1.51-2.16	1.61-2.20	1.40-2.01	1.05-1.33	1.50-1.98	1.74-2.46	1.63-2.57	1.61-2.06	1.25-1.60