

Table S2: Selected mouse proteins identified during infection

Reference	Protein Name	Protein Function(s) where known	Citation
Neutrophil-related proteins			
NP_034954.2	myeloperoxidase precursor	Enzymatic component of neutrophil azurophilic granules	(7)
NP_079705.2	leukocyte elastase inhibitor	Regulator of neutrophil proteases	
NP_032720.2	neutrophilic granule protein (proteinase-3)	Antimicrobial	(12)
NP_035308.2	myeloblastin precursor*	Azurophilic neutrophil granule protein released during activation	(11)
NP_081138.2	CD177 antigen precursor*	Neutrophil-specific cell surface glycoprotein	(10)
NP_032430.2	integrin beta-2 (CD18)	Mediates transendothelial migration of leukocytes during inflammation	(10)
Cell surface proteins			
NP_034508.2	histocompatibility 2, class II antigen A, α precursor	Antigen presentation	(6)
NP_996988.2	histocompatibility 2, class II antigen A, β 1 precursor	Antigen presentation	(6)
NP_034204.1	dipeptidyl peptidase 4 isoform 1 (CD26)*	T-cell activation	
NP_067623.1	cell surface A33 antigen precursor*	Intestinal cell surface antigen of the immunoglobulin family	(5)
NP_666122.1	tetraspanin 8*	Cell surface protein that complexes with integrins	
Inflammatory molecules			
NP_035389.1	regenerating islet-derived protein 3- α precursor*		
NP_035166.1	regenerating islet-derived protein 3- β precursor	Antimicrobial	(13)
NP_035390.1	regenerating islet-derived protein 3- γ precursor	Antimicrobial	(1)
NP_033908.2	complement C3	Initiator of the complement cascade	(9)
NP_033140.1	protein S100-A9	Heterodimer = calprotectin; surface glycoprotein reduces bacterial invasion and epithelial cell binding; abundant PMN cytoplasmic protein	(4)
NP_038678.1	protein S100-A8		
NP_033068.1	lithostathine-1 precursor*	Bacterial aggregation, pancreatic stone formation	(3)
NP_033069.1	lithostathine-2 precursor*		
NP_031795.2	deleted in malignant brain tumors 1 protein*	Secreted scavenger receptor, binds bacterial cells, immune modulation	(8)
NP_035448.2	serum amyloid P-component precursor*	Binds LPS, impacts activation of complement (classical pathway)	(2)

*Not previously characterized as part of the immune response against *S. Typhimurium*.

1. **Cash, H. L., C. V. Whitham, C. L. Behrendt, and L. V. Hooper.** 2006. Symbiotic bacteria direct expression of an intestinal bactericidal lectin. *Science* **313**:1126-1130.
2. **de Haas, C. J., E. M. van Leeuwen, T. van Bommel, J. Verhoef, K. P. van Kessel, and J. A. van Strijp.** 2000. Serum amyloid P component bound to gram-negative bacteria prevents lipopolysaccharide-mediated classical pathway complement activation. *Infect Immun* **68**:1753-1759.
3. **Jin, C. X., T. Hayakawa, S. B. Ko, H. Ishiguro, and M. Kitagawa.** 2011. Pancreatic stone protein/regenerating protein family in pancreatic and gastrointestinal diseases. *Intern Med* **50**:1507-1516.

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4. **Johne, B., M. K. Fagerhol, T. Lyberg, H. Prydz, P. Brandtzaeg, C. F. Naess-Andresen, and I. Dale.** 1997. Functional and clinical aspects of the myelomonocyte protein calprotectin. *Mol Pathol* **50**:113-123.
5. **Joosten, C. E., L. S. Cohen, G. Ritter, C. A. Batt, and M. L. Shuler.** 2004. Glycosylation profiles of the human colorectal cancer A33 antigen naturally expressed in the human colorectal cancer cell line SW1222 and expressed as recombinant protein in different insect cell lines. *Biotechnol Prog* **20**:1273-1279.
6. **Kaufmann, S. H., and U. E. Schaible.** 2005. Antigen presentation and recognition in bacterial infections. *Curr Opin Immunol* **17**:79-87.
7. **Klebanoff, S. J.** 2005. Myeloperoxidase: friend and foe. *J Leukoc Biol* **77**:598-625.
8. **Ligtenberg, A. J., E. C. Veerman, A. V. Nieuw Amerongen, and J. Mollenhauer.** 2007. Salivary agglutinin/glycoprotein-340/DMBT1: a single molecule with variable composition and with different functions in infection, inflammation and cancer. *Biol Chem* **388**:1275-1289.
9. **Makela, P. H., M. Hovi, H. Saxen, M. Valtonen, and V. Valtonen.** 1988. Salmonella, complement and mouse macrophages. *Immunol Lett* **19**:217-222.
10. **Muschter, S., T. Berthold, and A. Greinacher.** 2011. Developments in the definition and clinical impact of human neutrophil antigens. *Curr Opin Hematol* **18**:452-460.
11. **Rao, N. V., N. G. Wehner, B. C. Marshall, W. R. Gray, B. H. Gray, and J. R. Hoidal.** 1991. Characterization of proteinase-3 (PR-3), a neutrophil serine proteinase. Structural and functional properties. *J Biol Chem* **266**:9540-9548.
12. **Scocchi, M., B. Skerlavaj, D. Romeo, and R. Gennaro.** 1992. Proteolytic cleavage by neutrophil elastase converts inactive storage proforms to antibacterial bactenecins. *Eur J Biochem* **209**:589-595.
13. **Stelter, C., R. Kappeli, C. Konig, A. Krah, W. D. Hardt, B. Stecher, and D. Bumann.** 2011. Salmonella-induced mucosal lectin RegIIIbeta kills competing gut microbiota. *PLoS One* **6**:e20749.