Additional file 3: Table S3. Analysis of differentially expressed entities identified using GeneSpring

| Genbank Accession | Gene Symbol | Gene Name                                             | Fold Change | P-value     |
|-------------------|-------------|-------------------------------------------------------|-------------|-------------|
| NM_008491         | Lcn2        | Lipocalin 2                                           | 16.58       | 8.27E-06    |
| NM_011315         | Saa3        | Serum amyloid A3                                       | 8.69        | 1.91E-04    |
| BC150711          | Al607873    | Interferon activated gene 204 homologue               | 3.93        | 7.84E-05    |
| NM_011854         | Oasl2       | 2'-5' Oligoadenylate synthetase-like 2                | 3.91        | 1.25E-04    |
| NM_025378         | Ifitm3      | Interferon induced transmembrane protein              | 3.69        | 3.91E-05    |
| NM_009252         | Serpina3n   | Serine (or cysteine) peptidase inhibitor, clade A     | 3.32        | 1.65E-04    |
| NM_009099         | Trim30      | Tripartite motif-containing 30                        | 3.28        | 9.56E-05    |
| NM_008331         | Ifit1       | Interferon-induced protein with tetratricopeptide repeats | 3.12        | 1.05E-04    |
| NM_008329         | Ifi204      | Interferon activated gene 204                         | 3.05        | 6.68E-05    |
| NM_133871         | Ifi44       | Interferon activated gene 44                          | 2.94        | 1.44E-04    |
| NM_023386         | Rtp4        | Receptor transporter protein 4                        | 2.93        | 4.51E-05    |
| NM_021274         | Cxcl10      | Chemokine (C-X-C motif) ligand 10                      | 2.91        | 8.88E-05    |
| NM_144559         | Fcgr4       | Fc receptor, IgG, low affinity IV                     | 2.90        | 2.18E-05    |
| NM_011150         | Lgals3bp    | Lectin, galactoside-binding, soluble, 3 binding protein | 2.89        | 5.40E-05    |
| Accession   | Symbol | Description                                                     | Log2 Fold Change | p-Value       |
|------------|--------|-----------------------------------------------------------------|------------------|---------------|
| NM_194336  | Gbp6   | Guanylate binding protein 6                                     | 2.70             | 4.41E-06      |
| NM_013563  | Il2rg  | Interleukin 2 receptor, gamma chain                             | 2.64             | 4.41E-06      |
| ---        | N/A*   |                                                                 | 2.60             | 4.42E-05      |
| NM_0010001892 | H2-K1 | Histocompatibility 2, K1, K region                             | 2.49             | 4.42E-05      |
| NM_010260  | Gbp2   | Guanylate binding protein 2                                     | 2.42             | 1.13E-04      |
| NM_028595  | Ms4a6c | Membrane-spanning 4-domains, subfamily A, member 6C             | 2.40             | 1.91E-04      |
| AK173199   | Rnf213L| Ring finger protein 213                                         | 2.34             | 5.92E-07      |
| OC67251    |        |                                                                 | 2.60             | 4.42E-05      |
| NM_009402  | Pglyrp1| Peptidoglycan recognition protein 1                             | 2.36             | 8.03E-05      |
| ---        | Rnf213**| Ring finger protein 213                                         | 2.33             | 1.36E-05      |
| NM_009982  | Ctsc   | Cathepsin C                                                     | 2.31             | 5.42E-05      |
| NM_010738  | Ly6a   | Lymphocyte antigen 6 complex, locus A                           | 2.29             | 1.60E-05      |
| NM_018734  | Gbp3   | Guanylate binding protein 3                                     | 2.28             | 1.60E-04      |
| NM_172689  | Ddx58  | DEAD box polypeptide 58                                         | 2.27             | 1.26E-04      |
| NM_145545  | Gbp7   | Guanylate binding protein 7                                     | 2.27             | 3.80E-06      |
| NM_009780  | C4b | C4a complement component 4B (Childo blood group) | 2.24             | 1.40E-04      |
|           | C4a | complement 4A (Rodgers blood group)                            |                  |               |
| Accession | Gene Symbol | Gene Name | Log2 Fold Change | p-Value |
|-----------|-------------|-----------|-----------------|---------|
| NM_013673 | Sp100       | Nuclear antigen Sp100 | 2.22 | 4.61E-05 |
| NM_026835 | Ms4a6d      | Membrane-spanning 4-domains, subfamily A, member 6D | 2.21 | 4.36E-05 |
| NM_008326 | Irgm        | Immunity-related GTPase family | 2.21 | 2.56E-05 |
| NM_013805 | Cldn5       | Claudin 5 | 2.10 | 1.42E-04 |
| ---       | Rnf213**    | Ring finger protein 213 | 2.08 | 2.78E-05 |
| NM_199146 | AI451617    | Expressed sequence AI451617 | 2.06 | 8.85E-05 |
| NM_009283 | Stat1       | Signal transducer and activator of transcription 1 | 2.04 | 5.75E-06 |
| ---       | Rnf213**    | Ring finger protein 213 | 2.02 | 2.69E-06 |
| NM_153564 | GBP5        | Guanylate binding protein 5 | 2.02 | 5.17E-05 |
| NM_001160415 | Apobec3 | Apolipoprotein B mRNA editing enzyme | 2.02 | 2.07E-05 |

Significance was calculated using an unpaired t-test and a Benjamini-Hochberg multiple testing correction.

*Probe sets don’t map to annotated genes

**Annotations manually determined using Affymetrix online database, NetAffx