

**S1 Table. Immunologically relevant proteins among the 366 upregulated gene products with GenBank accession numbers, grouped according to GO Term pathway analysis.**

**GO Term “immune response”:**

<b>GENBANK_ACCESSION</b>	<b>GENE NAME</b>
NM_138913	2'-5' oligoadenylate synthetase 1A
XM_001053627	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide
NM_001100836	Fc fragment of IgG, high affinity Ia, receptor (CD64)
M64368	Fc fragment of IgG, low affinity IIb, receptor (CD32); Fc fragment of IgG, low affinity IIa, receptor (CD32)
NM_001008829	RT1 class I, CE14; RT1 class I, CE16; RT1 class Ia, locus A2; RT1 class Ib, locus Cl; RT1 class Ia, locus A1; RT1 class I, A3
NM_001008840	RT1 class I, CE2
NM_001008841	RT1 class I, CE3
AJ004888	RT1 class Ib, locus Aw2
NM_001048045	RT1 class Ib, locus M5
NM_019262	complement component 1, q subcomponent, beta polypeptide
NM_001077642	complement factor D (adipsin)
NM_133624	guanylate binding protein 2
NM_012968	interleukin 1 receptor accessory protein
NM_012854	interleukin 10
NM_022634	leukocyte specific transcript 1
NM_001108076	myosin IF
NM_001106031	nucleoside phosphorylase
NM_012708	proteasome (prosome, macropain) subunit, beta type 9 (large multifunctional peptidase 2)
NM_053908	protein tyrosine phosphatase, non-receptor type 6
NM_017160	ribosomal protein S6; similar to 40S ribosomal protein S6
NM_199093	serine (or cysteine) peptidase inhibitor, clade G, member 1
AF436847	similar to complement factor H-related protein

<b>GENBANK_ACCESSION</b>	<b>GENE NAME</b>
NM_138533	spondin 2, extracellular matrix protein
NM_172328	tachykinin 4
NM_198769	toll-like receptor 2

**GO Term “antigen processing and presentation”:**

<b>GENBANK_ACCESSION</b>	<b>GENE NAME</b>
XM_001053627	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide
NM_001100836	Fc fragment of IgG, high affinity Ia, receptor (CD64)
M64368	Fc fragment of IgG, low affinity IIb, receptor (CD32); Fc fragment of IgG, low affinity IIa, receptor (CD32)
M64368	Fc gamma receptor II beta
NM_001008829	RT1 class I, CE14; RT1 class I, CE16; RT1 class Ia, locus A2; RT1 class Ib, locus Cl; RT1 class Ia, locus A1; RT1 class I, A3
NM_001008840	RT1 class I, CE2
NM_001008841	RT1 class I, CE3
AJ004888	RT1 class Ib, locus Aw2
NM_001048045	RT1 class Ib, locus M5
NM_001030026	interferon gamma inducible protein 30
NM_012708	proteasome (prosome, macropain) subunit, beta type 9 (large multifunctional peptidase 2)

**GO Term “regulation of immune effector processes”:**

<b>GENBANK_ACCESSION</b>	<b>GENE NAME</b>
XM_001053627	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide
NM_001100836	Fc fragment of IgG, high affinity Ia, receptor (CD64)
M64368	Fc fragment of IgG, low affinity IIb, receptor (CD32); Fc fragment of IgG, low affinity IIa, receptor

**GENBANK\_ACCESSION**

M64368  
NM\_001008829  
NM\_012488  
NM\_012854  
NM\_001106031  
NM\_053908  
NM\_199093  
AF436847

**GENE NAME**

(CD32)

Fc gamma receptor II beta  
RT1 class I, CE14; RT1 class I, CE16; RT1 class Ia, locus A2; RT1 class Ib, locus Cl; RT1 class Ia, locus A1; RT1 class I, A3  
alpha-2-macroglobulin  
interleukin 10  
nucleoside phosphorylase  
protein tyrosine phosphatase, non-receptor type 6  
serine (or cysteine) peptidase inhibitor, clade G, member 1  
similar to complement factor H-related protein

**GO Term "positive regulation of immune responses":****GENBANK\_ACCESSION**

XM\_001053627  
NM\_001100836  
M64368  
M64368  
NM\_001008829  
NM\_019262  
NM\_001077642  
NM\_001106031  
NM\_053908  
NM\_199093  
AF436847  
NM\_198769

**GENE NAME**

Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide  
Fc fragment of IgG, high affinity Ia, receptor (CD64)  
Fc fragment of IgG, low affinity IIb, receptor (CD32); Fc fragment of IgG, low affinity IIa, receptor (CD32)  
Fc gamma receptor II beta  
RT1 class I, CE14; RT1 class I, CE16; RT1 class Ia, locus A2; RT1 class Ib, locus Cl; RT1 class Ia, locus A1; RT1 class I, A3  
complement component 1, q subcomponent, beta polypeptide  
complement factor D (adipsin)  
nucleoside phosphorylase  
protein tyrosine phosphatase, non-receptor type 6  
serine (or cysteine) peptidase inhibitor, clade G, member 1  
similar to complement factor H-related protein  
toll-like receptor 2

**GO Term “defense response”:**

**GENBANK\_ACCESSION**

XM\_001053627

NM\_001100836

M64368

NM\_031634

NM\_012488

NM\_001108452

NM\_019262

NM\_001077642

NM\_013185

NM\_012968

NM\_012854

NM\_001025420

NM\_001108076

NM\_053908

NM\_031531

NM\_199093

AF436847

NM\_198769

**GENE NAME**

Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide

Fc fragment of IgG, high affinity Ia, receptor (CD64)

Fc fragment of IgG, low affinity IIb, receptor (CD32); Fc fragment of IgG, low affinity IIa, receptor (CD32)

Mediterranean fever

alpha-2-macroglobulin

coactosin-like 1 (Dictyostelium)

complement component 1, q subcomponent, beta polypeptide

complement factor D (adipsin)

hemopoietic cell kinase

interleukin 1 receptor accessory protein

interleukin 10

lymphocyte-specific protein 1

myosin IF

protein tyrosine phosphatase, non-receptor type 6

serine (or cysteine) peptidase inhibitor, clade A, member 3N

serine (or cysteine) peptidase inhibitor, clade G, member 1

similar to complement factor H-related protein

toll-like receptor 2