

Supplemental Table 3. Genes with significantly increased expression in GO terms identified in Table 2

Gene Ontology term	Gene Symbol	Gene name
Antigen processing and presentation		
	<i>H2-gs10</i>	MHC class I like protein GS10
	<i>CD74</i>	CD74 antigen (invariant polypeptide of MHC II antigen-associated)
	<i>H2-Aa</i>	Histocompatibility 2, class II antigen A, α
	<i>H2-Ab1</i>	Histocompatibility 2, class II antigen A, β 1
	<i>H2-DMa</i>	Histocompatibility 2, class II, locus DMa
	<i>H2-Dmb2</i>	Histocompatibility 2, class II, locus DMb2
	<i>H2-Eb1</i>	Histocompatibility 2, class II antigen E β
	<i>H2-M3</i>	Histocompatibility 2, M region locus 3
	<i>H2-Q7</i>	Histocompatibility 2, Q region locus 7
	<i>Psmb9</i>	Proteasome (prosome, macropain) subunit, β type 9
	<i>Relb</i>	Avian reticuloendotheliosis viral (v-rel) oncogene related B
Isoprenoid biosynthetic process		
	<i>Aacs</i>	Acetoacetyl-CoA synthetase
	<i>Fdft1</i>	Farnesyl diphosphate farnesyl transferase 1
	<i>Fdps</i>	Farnesyl diphosphate synthetase
	<i>Idi1</i>	Isopentenyl-diphosphate delta isomerase
	<i>Mvd</i>	Mevalonate (diphospho) decarboxylase
	<i>Mvk</i>	Mevalonate kinase
MHC protein complex		
	<i>H2-gs10</i>	MHC class I like protein GS10
	<i>H2-Aa</i>	Histocompatibility 2, class II antigen A, α
	<i>H2-Ab1</i>	Histocompatibility 2, class II antigen A, β 1
	<i>H2-DMa</i>	Histocompatibility 2, class II, locus DMa
	<i>H2-Dmb2</i>	Histocompatibility 2, class II, locus DMb2
	<i>H2-Eb1</i>	Histocompatibility 2, class II antigen E β
	<i>H2-M3</i>	Histocompatibility 2, M region locus 3
	<i>H2-Q7</i>	Histocompatibility 2, Q region locus 7
Multivesicular Body		
	<i>Cd74</i>	CD74 antigen (invariant polypeptide of MHC II antigen-associated)
	<i>H2-Aa</i>	Histocompatibility 2, class II antigen A, α
	<i>H2-Dma</i>	Histocompatibility 2, class II, locus DMa
	<i>H2-Dmb2</i>	Histocompatibility 2, class II, locus DMb2
Negative regulation of transferase activity		
	<i>Cdkn1b</i>	Cyclin-dependent kinase inhibitor 1B
	<i>Cln8</i>	Ceroid-lipofuscinosis, neuronal 8
	<i>Gadd45b</i>	Growth arrest and DNA-damage-inducible 45 β
	<i>Hmgcr</i>	3-hydroxy-3-methylglutaryl-Coenzyme A reductase
Steroid metabolic process		
	<i>Cln8</i>	Ceroid-lipofuscinosis, neuronal 8
	<i>Cyp51</i>	Cytochrome P450 51
	<i>Fdft1</i>	Farnesyl diphosphate farnesyl transferase 1
	<i>Fdps</i>	farnesyl diphosphate synthetase
	<i>Hmgcr</i>	3-hydroxy-3-methylglutaryl-Coenzyme A reductase
	<i>Hmgcs1</i>	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1
	<i>Hsd17b7</i>	Hydroxysteroid (17-beta) dehydrogenase 7
	<i>Idi1</i>	Isopentenyl-diphosphate delta isomerase
	<i>Ldlr</i>	Low density lipoprotein receptor
	<i>Lss</i>	Lanosterol synthase
	<i>Mvd</i>	Mevalonate (diphospho) decarboxylase
	<i>Mvk</i>	Mevalonate kinase
	<i>Osbpl5</i>	Oxysterol binding protein-like 5
	<i>Pmvk</i>	Phosphomevalonate kinase
	<i>Tm7sf2</i>	Transmembrane 7 superfamily member 2