

Supplemental Table

Genes identified by microarray analysis as up- or down-regulated in bGH kidneys in comparison to NT kidneys

Up-regulated genes	Fold Increase		
M92849:Acidic epididymal glycoprotein 1	26.91*	X02468:Mouse germline immunoglobulin V(H)II gene H18	6.87
X67210:M.musculus rearranged immunoglobulin gamma 2b heavy chain	23.59	V00817:Mouse germ line gene fragment for mu-immunoglobulin C-terminus (secreted form)	6.77
X88902:M.musculus mRNA for variable heavy chain	20.68	U30629: anti-DNA antibody Ig kappa chain mRNA, V-J region, hybridoma 84.20	6.77
J00579:Mouse Ig active lambda-1-chain V-region (V-J) gene, 3 end	16.91	L43568: antigen, B-cell receptor gene	6.68
AF036736: clone BPS3.19 immunoglobulin heavy chain variable region precursor, gene	16.45	L28059: Ig B cell antigen receptor gene	6.68
Z22111:M.domesticus IgG variable region	14.32	X02466:Mouse germline immunoglobulin V(H)II gene H17	6.63
AF036738: clone BPS5.16 immunoglobulin heavy chain variable region precursor, gene	14.03	U62386: immunoglobulin heavy and light chain variable region mRNA	6.59
M13284:Mouse Ig active kappa-chain V-region (V139-J1) mRNA from anti-DNP specific hybridoma TF5-139	13.83	AI850558:UI-M-BG1-aij-e-07-0-UI.s1 cDNA, 3	6.32
U10410: recombinant antineuraminidase single chain Ig VH and VL domains mRNA	13.55	X81627:M.musculus 24p3 gene	6.23
AF042798: immunoglobulin heavy chain gene, CDR3 region	13.45	AJ235940: IgVk aj4 gene	6.06
L33954: clone BPS3.23 germline Ig variable region heavy chain precursor gene	13.00	X00652:Mouse DNA for Ig-kappa light chain V-J kappa 5 joining region (cell line CH2)	5.98
AF059706: clone N1.1.b immunoglobulin heavy chain VDJ region gene	12.73	X16740:Mouse immunoglobulin heavy chain variable gene from a transferrin activated hybridoma cell line	5.94
L33937: clone CPS4.3 germline Ig variable region heavy chain precursor gene	12.47	U19315: immunoglobulin kappa light chain variable region mRNA, clone MRL1-46	5.94
X67210:M.musculus rearranged immunoglobulin gamma 2b heavy chain	11.08	U55641: anti-DNA immunoglobulin light chain IgG, antibody 423p.176	5.82
D14625:Immunoglobulin heavy chain 8 (heavy chain of IgG3)	10.85	AB017349: mRNA for immunoglobulin light chain V region	5.78
L33943: clone CPS1.13 germline Ig variable region heavy chain precursor pseudogene	10.78	X97227:M.musculus mRNA for cell surface glycoprotein CD53	5.74*
AF065324: clone X1AC1701 immunoglobulin heavy chain variable region (Vh186.2/Jh2) mRNA	10.78	AF045026: hybridoma WLA-2C4 immunoglobulin kappa light chain variable region (V kappa) gene	5.66
L33952: clone BPS3.24 germline Ig variable region heavy chain precursor gene	10.20	AI787317:uj66c05.x1 cDNA, 3	5.62
AV370035:AV370035 cDNA, 3	9.78	AB006361: mRNA for prostaglandin D synthetase	5.54*
X94419:M.musculus mRNA (3C10) for IgA V-D-J-heavy chain	9.58	M19681:Small inducible cytokine A2	5.43
X02463:Mouse germline immunoglobulin V(H)II gene H8	9.32	X00651:Mouse DNA for Ig-kappa light chain V-J kappa 5 joining region	5.39
AF025445: clone BHS2.19 immunoglobulin heavy chain variable region precursor gene	8.94	D14625:Immunoglobulin heavy chain 8 (heavy chain of IgG3)	5.28
AF042086: immunoglobulin heavy chain V-DSP2.7-JH2 region (Igh) gene	8.28	L02918:Mouse procollagen type V alpha 2 (Col5a-2) mRNA	5.24
U55576: anti-DNA immunoglobulin light chain IgM mRNA, antibody 363p.168	8.22	AF045024: hybridoma BDI-1 immunoglobulin kappa light chain variable region (V kappa) gene	5.10
AB007986: mRNA for single chain antibody ScFv	8.11	X94418:M.musculus mRNA (2F7) for IgA V-D-J-heavy chain	4.99
M15520:Mouse Ig V-kappa10-Ars-A kappa chain gene	8.00	AF044077: immunoglobulin kappa light chain variable region gene	4.92
K02782:Mouse complement component C3 mRNA, alpha and beta subunits	7.84	M55561:CD80 antigen	4.79*
X51547:Mouse Lzp-s mRNA for lysozyme P (EC 3.2.1.17)	7.52*	U60442: Ig kappa light chain mRNA	4.66
L28060: Ig B cell antigen receptor gene	7.52	U30241: anti-DNA antibody Ig kappa chain mRNA, V-J region, hybridoma 84.15	4.63
J00592:Mouse germline Ig lambda-2-chain V-region (V-J) gene, 5 end	7.31	X16678:Immunoglobulin kappa chain variable 20 (V20 family)	4.53
M15593:Mouse Ig kappa chain 7B6 mRNA, V-region (VJ5) of monoclonal phOx-specific antibody from a hybridoma	7.06	L14553: Ig light chain V-region CC49 rearranged gene, exons 1 and 2	4.41
		AI840339:UI-M-AJ0-abd-g-01-0-UI.s2 cDNA, 3	4.32
		M80423:Mus castaneus IgK chain gene, C-region, 3 end	4.26
		D00073:Transthyretin	4.20^
		AB007599: mRNA for MD-1	4.20

L00919:Erythrocyte protein band 4.1	-2.55 [^]	M31680:Growth hormone receptor	-2.30 [^]
M81591:Membrane metallo endopeptidase	-2.53 [^]	U09504:Thyroid hormone receptor alpha	-2.28
M32352:Mouse renin (Ren-1-d) gene	-2.46	AW046627:UI-M-BH1-ald-c-09-0-UI.s1 cDNA, 3	-2.28
AW122615:UI-M-BH2.2-aol-b-06-0-UI.s1 cDNA, 3	-2.45	AW124582:UI-M-BH2.1-apt-e-11-0-UI.s1 cDNA, 3	-2.20
AF052453:3 -phosphoadenosine 5 - phosphosulfate synthase 2	-2.43	AW125222:UI-M-BH2.1-aps-c-12-0-UI.s1 cDNA, 3	-2.17
L42996: nuclear-encoded mitochondrial acyltransferase mRNA	-2.41 [*]	U35374: purine nucleoside phosphorylase (Np-b) mRNA	-2.14

*Significant difference shown by real-time RT/PCR (n=5-6; Table 2)

[^]Non-significant difference shown by real-time RT/PCR (n=5-6)