

## ACCESSORY PUBLICATION

**Supplementary Table 1. Genes up regulated in the skin of both HR and LR animals  
 after tick larval challenge<sup>e</sup>**

GenBank Accession <sup>a</sup>	No. of elemen ts <sup>b</sup>	Signal intensity <sup>c</sup>				Description <sup>d</sup>
		t=0 (HR)	t=24 (HR)	t=0 (LR)	t=24 (LR)	
CF762806	11	12.05	12.55	11.91	12.86	<i>Bos taurus</i> major allergen BDA20
CF766739	1	13.45	14.28	13.04	13.90	<i>Bos taurus</i> hypothetical protein LOC614848
CF768318	1	7.60	9.28	7.71	8.17	hypothetical protein LOC616768
DW521217	1	7.79	8.96	8.30	8.57	no hit
DW521255	1	9.49	10.76	9.67	10.07	no hit
DW521231	1	9.05	9.88	9.02	9.81	no hit
DW521278	1	14.67	15.23	13.97	15.41	no hit
CF118614	1	11.35	12.45	10.51	12.23	no hit
CF118821	1	7.89	8.61	7.79	8.39	no hit
CF764343	1	9.90	10.27	9.70	10.34	no hit
CF762711	6	10.88	11.97	10.98	11.70	TIGR TC262428
CF765160	1	11.41	12.19	10.84	11.72	TIGR TC265994
CF117621	1	12.55	13.90	12.17	13.30	TIGR TC288696
CF769314	4	11.27	11.37	10.02	10.57	alpha-2u globulin PGCL4, transcript variant 1
CF763260	1	14.12	14.45	13.17	14.13	ATP synthase F0 subunit 6
CF763884	2	9.20	9.51	8.69	9.38	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1
CF764558	1	11.56	11.97	10.60	11.90	ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C, isoform 1
CF766396	1	12.58	13.12	12.01	12.65	B-cell CLL/lymphoma 7C
CF763972	1	7.58	7.66	7.43	7.91	CD44 antigen
CF117686	1	8.19	9.49	8.28	8.61	Cold shock domain protein E1 (UNR protein) (N-ras upstream gene protein)

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<sup>c</sup> Signal intensity (in Log2 format). Where multiple array elements are listed, the mean signal intensity is presented.

<sup>d</sup> Gene or gene product to which microarray clones showed a match at the nucleotide level. The BLASTn results accepted for annotation purposes had sequence homologies with scores > 115 and E values < 1.00E-18.

<sup>e</sup> The nucleotide sequence data reported in this paper have been submitted to GenBank and have been assigned the accession number shown in Table 4 and the Supplementary Tables.

CF765580	1	14.17	15.07	13.53	14.55	cytochrome oxidase subunit II
CF763509	1	11.67	12.14	10.72	12.07	D component of complement (adipsin)
CCL027674	1	10.34	10.89	10.13	10.70	DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57
CF768115	1	9.49	10.34	8.81	10.01	Dedicator of cytokinesis protein 10 (Protein zizimin 3)
CF117057	1	8.11	9.02	8.01	8.74	dendritic cell protein HFL-B5
CF763215	1	12.37	13.04	12.44	13.09	embryonic ectoderm development
CF763863	1	10.08	10.08	9.08	9.78	emopamil binding related protein, delta8-delta7 sterol
CF766635	1	8.61	9.58	8.68	9.28	eukaryotic translation initiation factor 3, subunit 3
CF767659	3	8.73	9.66	8.31	9.00	eukaryotic translation initiation factor 3, subunit 6
CF763117	2	14.12	14.67	13.38	14.09	F NADH ATPase 7
CF766679	1	12.98	13.79	12.76	13.39	F NADH dehydrogenase subunit 5
CF763472	5	9.90	11.11	9.69	10.23	fatty acid binding protein 5
CF764211	1	11.83	13.22	11.27	12.35	ferritin heavy chain FK506-binding protein 5 (Peptidyl-prolyl cis-trans isomerase) (PPIase)
CF764993	1	8.01	10.01	8.19	8.33	
CF117126	1	7.28	8.54	7.36	7.57	formin binding protein 4 (LOC617639)
CF763014	3	10.09	11.66	10.04	10.66	heat shock 70 kDa protein 8
CF117030	1	8.97	10.24	8.95	9.53	high-mobility group (nonhistone chromosomal) protein 1
CF763529	1	8.85	10.12	9.10	9.49	high-mobility group nucleosome binding domain 1
CF765274	1	7.72	8.18	7.66	8.87	interferon regulatory factor 6
CF765565	1	9.67	10.79	9.74	10.00	IQ motif containing GTPase activating protein 2
CF766138	1	14.25	14.69	13.57	15.05	jumonji domain containing 4, transcript variant 6
CF766108	1	8.23	9.38	8.02	8.32	Kallikrein 7 precursor
CF768368	1	11.41	12.85	11.65	12.37	karyopherin (importin) beta 3
CF764234	1	9.45	10.94	9.44	9.82	keratin 1
CF765461	1	10.39	12.16	10.49	11.01	keratin 6A
CF764540	1	9.00	11.50	9.46	10.22	keratin 6L
CF116280	2	10.90	12.39	11.14	11.58	Keratin, type II cytoskeletal 6C (Cytokeratin 6C)
CF763468	2	9.82	10.99	9.12	9.72	lactate dehydrogenase A
C62.H12	1	10.62	12.03	11.01	11.32	laminin receptor 1
CF763983	1	11.81	12.87	11.43	12.18	lens epithelium-derived growth factor
CF767439	1	10.07	11.35	9.87	10.84	lipidosin (BG1)
CF764450	1	14.03	14.58	13.32	13.99	mitochondrial genes cytochrome oxidase subunit III
CF118242	1	11.89	12.68	11.52	11.92	mitochondrial genome, cytochrome c oxidase subunit I
CF765631	2	9.95	11.68	10.05	10.21	mitochondrion 12S ribosomal RNA
CF762504	2	10.80	12.89	10.90	12.17	mitochondrion 16S ribosomal RNA
CF762338	2	8.14	9.77	8.37	8.87	muscleblind-like (Drosophila)
CF764867	1	10.77	12.08	10.33	11.45	NADH dehydrogenase (ubiquinone) 42 kDa subunit
CF768604	1	9.11	10.64	8.17	8.53	NDP52, complete cds
CF118746	4	8.99	10.34	9.29	9.80	nucleophosmin 1
CF762701	18	13.65	14.08	12.86	14.22	odorant binding protein (OBP)
CF768655	1	7.33	9.35	7.14	7.20	osf-2 mRNA for osteoblast specific factor 2 (OSF-2p1) pleckstrin homology-like domain, family B, member 2, transcript variant 5
CF769099	1	12.39	13.47	11.99	12.73	
CF763918	1	8.62	7.24	8.60	9.06	Polyposis locus protein 1 (TB2 protein)
CF117784	1	8.10	9.39	7.90	8.99	Potassium channel tetramerisation domain containing protein 9
CF768752	1	10.34	10.55	9.95	10.70	PQ loop repeat containing 3 (LOC506958)
CF763816	1	14.29	14.77	13.45	14.88	Probasin precursor (PB)
CF763975	1	12.38	12.97	11.73	12.63	procollagen-proline, 2-oxoglutarate 4-dioxygenase
CF768749	1	10.36	11.22	9.89	10.38	Proteasome subunit alpha type 1 (Proteasome component C2)
CF762496	1	9.81	11.46	9.29	10.03	proteoglycan 1, secretory granule; Proteoglycan 1,

CF767962	1	11.74	12.27	11.60	12.19	quinoid dihydropteridine reductase
DW521264	2	8.09	9.34	7.74	8.27	retinal short chain dehydrogenase reductase
CF767602	2	12.71	13.29	12.16	13.05	ribosomal protein L17
CF117074	6	12.10	13.08	11.20	12.76	ribosomal protein L26
CF767877	1	8.68	9.57	8.31	8.98	ribosomal protein L26-like 1
CF763008	10	11.02	12.21	10.66	11.78	ribosomal protein L5
CF118397	8	11.35	12.61	10.79	11.73	ribosomal protein L6
CF766367	3	11.62	13.12	11.14	12.43	ribosomal protein L7
CF118728	1	11.13	11.76	10.85	11.05	ribosomal protein L9
CF765077	1	13.77	14.65	13.20	14.32	ribosomal protein S15a
CF762700	14	11.62	12.44	11.03	12.01	ribosomal protein S3a
CF763356	3	13.22	13.79	12.43	13.18	ribosomal protein S6
CF764093	1	14.00	14.72	14.05	15.21	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1
DW521281	1	9.49	10.18	9.04	9.96	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2
CF766365	1	8.63	10.02	9.16	9.36	xanthene dehydrogenase

**Supplementary Table 2. Genes down regulated in the skin of both HR and LR animals after tick larval challenge<sup>e</sup>**

GenBank Accession <sup>a</sup>	No. of elements <sup>b</sup>	Signal intensity <sup>c</sup>				DESCRIPTION <sup>d</sup>
		t=0 (HR)	t=24 (HR)	t=0 (LR)	t=24 (LR)	
CF764266	1	9.10	7.86	9.88	8.98	CG12600-PA (LOC523454) Homo sapiens chromosome 15, clone RP11-2O19, complete sequence
DW521258	1	7.92	6.47	7.57	7.25	
CF763611	1	8.96	7.93	9.16	9.03	hypothetical LOC519376
DW521262	1	10.36	9.77	10.19	9.49	no hit
DW521266	1	13.44	11.77	13.57	13.51	no hit
DW521235	1	9.09	8.30	9.59	8.87	no hit
DW521271	1	11.59	11.25	12.89	11.62	no hit
DW521247	1	7.51	6.78	7.57	6.45	no hit
DW521257	1	8.01	6.69	8.55	7.60	no hit
CF767171	1	9.56	8.69	9.47	9.24	Pan troglodytes chromosome 7 clone RP43-12F2
CF766241	1	10.63	7.85	10.81	10.52	TIGR TC262851
CF764888	1	7.80	6.89	8.11	7.67	TIGR TC273587
CF763323	1	14.45	13.83	15.62	14.60	TIGR TC295696
CF116835	1	7.33	6.96	7.69	6.53	15S-lipoxygenase type 2 26S proteasome non-ATPase regulatory subunit 8 (26S proteasome regulatory subunit S14) (p31)
CF766673	1	6.39	5.13	6.82	5.99	
CF116900	1	8.29	7.89	9.73	7.80	basigin isoform 2, transcript variant 1
CF116569	1	6.51	6.17	7.51	6.10	blood-brain barrier large neutral amino acid transporter
CF762784	1	9.29	8.82	9.18	8.93	calpain, small subunit 1
CF117989	1	8.45	8.00	9.70	8.22	calpastatin mRNA
CF769062	1	11.45	11.04	11.65	10.34	CD63 protein
CF768932	2	8.58	7.78	8.37	6.89	chemokine (C-C motif) ligand 26 precursor (LOC508387)
CF768885	1	8.27	7.72	8.45	7.64	chemokine (C-C motif) receptor 1

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<sup>c</sup> Signal intensity (in Log<sub>2</sub> format). Where multiple array elements are listed, the mean signal intensity is presented.

<sup>d</sup> Gene or gene product to which microarray clones showed a match at the nucleotide level. The BLASTn results accepted for annotation purposes had sequence homologies with scores > 115 and E values < 1.00E-18.

<sup>e</sup> The nucleotide sequence data reported in this paper have been submitted to GenBank and have been assigned the accession number shown in Table 4 and the Supplementary Tables.

CF765272	1	8.28	8.21	9.04	7.19	cold inducible RNA binding protein
CF762932	1	8.31	6.95	7.98	7.47	cornifelin (LOC511870)
CF767042	1	9.43	7.66	8.93	8.84	cytosolic acyl coenzyme A thioester hydrolase
CF768858	1	8.18	6.40	7.65	7.45	dermokine (LOC618159)
CF116912	2	8.26	7.73	8.84	7.74	elongation factor 1 alpha
CF762323	1	6.88	5.87	6.83	6.12	epithelial membrane protein 3 (EMP3)
CF765249	1	9.46	8.58	9.35	8.37	epoxide hydrolase 2, cytoplasmic, transcript variant 1 (LOC511716),
CF767604	2	9.15	7.76	8.69	8.55	eukaryotic translation initiation factor 3, subunit 5
CF763610	1	8.71	7.23	8.91	8.62	exosome component Rrp40
CF762315	1	6.93	6.26	7.18	6.67	G protein-coupled receptor 21
CF118430	1	8.10	7.63	8.67	7.49	gelsolin (amyloidosis, Finnish type)
CF764071	1	9.23	8.67	9.48	8.46	GLI-Kruppel family member GLI3
CF767939	1	7.05	6.75	7.25	6.01	hemoglobin, beta [beta globin]
CF766991	1	9.82	9.19	10.16	8.15	high-glycine tyrosine keratin type II.2 mRNA
CF765432	1	8.49	8.11	8.21	7.66	integrin, beta 1 (fibronectin receptor, beta 1)
CF765533	1	9.78	8.10	9.60	9.00	interleukin 8
CF763212	1	11.13	11.00	10.48	11.46	Interleukin-1 receptor-like 1 precursor (ST2 protein)
CF767901	1	8.66	8.46	9.86	8.14	keratin, type I hair keratin KA27
CF763295	2	9.28	8.81	10.39	9.05	keratin, type I hair keratin KA28
CF762670	1	10.65	10.42	11.88	10.34	keratin 1, hair acidic
CF764020	1	7.34	6.89	7.98	6.75	keratin 25A, transcript variant 5 (LOC511540)
CF767554	2	11.23	10.07	11.39	11.01	keratin 2A (epidermal ichthyosis bullosa of Siemens)
CF762296	1	9.03	8.45	10.05	9.11	keratin 6 irs (KRT6IRS)
CF763915	1	9.86	9.86	11.17	9.48	keratin associated protein 1.3
CF763307	1	11.52	11.24	12.94	11.17	keratin associated protein 11.1
CF763317	2	11.13	10.97	12.58	10.87	keratin associated protein 11-1
CF767568	1	7.51	6.63	8.16	6.67	keratin associated protein 13.1
CF763465	2	9.38	8.99	9.38	8.00	keratin associated protein 6.2
CF768674	11	9.54	9.35	11.27	9.50	keratin associated protein 9.2
CF764414	1	9.71	9.02	10.31	9.07	keratin complex 2, basic, gene 17
CF763410	4	10.45	10.22	11.66	10.19	keratin, hair, acidic, 1
CF116595	1	6.74	6.33	7.84	6.01	keratin, hair, basic, 6 (monilethrix)
CF765550	1	11.11	10.67	12.20	10.32	keratin, Sheep BIIIB2 high-sulfur
CF764568	2	8.67	8.29	9.72	8.04	keratin, Sheep BIIIB3 high-sulfur keratin gene
CF116525	1	9.98	9.47	11.06	9.16	keratin, Sheep BIIIB4 high-sulfur keratin
CF763803	4	10.57	10.07	11.55	10.31	keratin, type I wool intermediate filament 8c1
CF763454	1	10.14	8.90	9.16	9.10	Kruppel-like factor 6
DW521282	1	7.34	6.91	7.95	6.89	L-3-hydroxyacyl-CoA dehydrogenase precursor
CF765909	1	8.70	6.82	7.88	7.27	MHC class I antigen (BoLa)
CF767593	1	7.05	6.59	7.44	6.47	microsomal glutathione S-transferase 3
CF762876	1	8.70	7.02	8.40	8.15	mitogen-activated protein kinase kinase kinase 4 isoform a
CF768109	1	10.66	10.12	11.48	10.20	palmitoyl-protein thioesterase 2 isoform b
CF763490	1	6.98	6.72	8.19	6.87	PAX interacting (with transcription-activation domain) protein 1
CF764395	1	8.80	8.43	9.58	8.23	platelet-derived growth factor receptor-like
CF766610	1	9.21	7.27	8.92	8.46	pro-oncosis receptor inducing membrane injury gene (LOC505044),
CF115878	1	6.96	5.05	7.01	6.14	protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65)
CF762349	1	12.14	9.56	12.00	11.42	putative translation initiation factor
CF763872	1	8.38	6.99	7.93	7.74	receptor-interacting serine-threonine kinase 2
CF762852	1	7.82	7.20	7.95	7.92	recombining binding protein suppressor of hairless isoform 4
CF765697	1	6.44	5.37	6.76	5.92	ribosomal protein L13

CF762365	1	13.58	13.01	13.56	12.82	ribosomal protein S16
CF768350	1	8.75	8.03	8.06	7.89	scavenger receptor class B type I
CF117522	1	6.28	5.54	6.45	6.16	serine palmitoyl transferase, subunit II gene
CF768952	1	7.86	7.67	8.17	6.98	serine protease inhibitor, Kunitz type, 2
CF117453	1	6.97	6.55	7.45	6.20	SH3 and PX domain-containing protein
CF764224	1	8.06	7.95	9.60	7.74	signal peptidase complex (18kD)
CF768956	1	9.47	7.33	8.66	8.46	solute carrier family 25
CF768979	1	13.59	13.39	13.70	12.37	solute carrier family 25 member 5
CF767130	1	10.58	9.42	10.95	10.65	S-phase kinase-associated protein 1A (p19A), transcript variant 3
CF765834	1	8.01	7.04	7.86	7.57	tnni3 gene for cardiac troponin I, exons 1-8
CF768545	1	13.54	13.13	13.41	12.21	transgelin (TAGLN)
CF763745	1	11.02	10.44	11.75	10.73	type I hair keratin KA27
CF116491	1	7.97	7.33	8.63	7.43	ubiquitin-conjugating enzyme E2L 6
CF763830	1	10.62	9.95	10.33	10.20	uncoupling protein 2
CF768638	1	8.69	8.24	9.70	7.37	valosin-containing protein
CF768006	1	6.29	5.25	6.46	6.30	v-myc myelocytomatosis viral related oncogene
CF116768	1	8.19	8.16	9.37	8.27	wool microfibril component 8C1 type I mRNA

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**Supplementary Table 3. Genes up regulated in the skin of HR animals and down regulated in LR animals after tick larval challenge<sup>e</sup>**

GenBank Accession <sup>a</sup>	No. of elements <sup>b</sup>	Signal intensity <sup>c</sup>				DESCRIPTION <sup>d</sup>
		t=0 (HR)	t=24 (HR)	t=0 (LR)	t=24 (LR)	
CF764248	1	11.15	12.42	11.54	11.53	Bos taurus BAC CH240-493H15
CF764611	1	7.08	8.08	8.25	6.80	TIGR TC262479
CF116085	1	9.82	10.13	10.46	9.15	adaptor-related protein complex 2, mu 1 subunit
CF767232	1	9.15	9.73	9.81	8.57	cathepsin B
CF117427	3	10.45	10.98	11.29	9.51	collagen, type I alpha2
CF116918	1	11.48	12.34	11.92	10.27	collagen, type III pro
CF766406	1	6.82	8.03	7.69	6.02	collagen, type VI, alpha 3
CF766259	1	10.61	10.90	10.80	9.42	complement component 1, q subcomponent, alpha
CF116754	1	10.11	10.27	10.48	9.12	cysteine-rich protein 1 (intestinal)
CF765618	1	7.71	8.00	8.20	6.82	cytochrome c oxidase subunit Vb
CF768159	1	11.19	12.71	11.29	11.25	F NADH dehydrogenase subunit 4L
CF116723	1	10.10	10.38	10.72	9.34	ferritin light polypeptide (FTL)
CF117177	1	6.47	7.30	8.06	6.10	high-sulphur wool matrix protein B2A gamma allele gene
CF767660	1	9.32	9.46	9.47	8.75	interferon-induced membrane protein Leu-13/9-28
DW521280	1	10.34	11.40	11.49	9.64	laminin receptor 1 (ribosomal protein SA, 67kDa)
CF766410	1	9.21	9.28	10.90	8.77	ribosomal protein L18
CF766730	10	11.62	12.22	10.98	11.91	ribosomal protein L4
CF116175	1	7.71	8.37	9.56	7.22	ribosomal protein S7
CF762589	2	8.71	8.80	9.44	8.03	secreted frizzled-related protein 4
CF118431	1	11.35	11.82	12.01	10.35	secreted protein, acidic, cysteine-rich [osteonectin]

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<sup>b</sup> Number of array elements representing each DE gene or EST.

<sup>c</sup> Signal intensity (in Log2 format). Where multiple array elements are listed, the mean signal intensity is presented.

<sup>d</sup> Gene or gene product to which microarray clones showed a match at the nucleotide level. The BLASTn results accepted for annotation purposes had sequence homologies with scores > 115 and E values < 1.00E-18.

<sup>e</sup> The nucleotide sequence data reported in this paper have been submitted to GenBank and have been assigned the accession number shown in Table 4 and the Supplementary Tables.

**Supplementary Table 4. Genes down regulated in the skin of HR animals and up regulated in LR animals after tick larval challenge<sup>e</sup>**

GenBank Accession <sup>a</sup>	No. of elements <sup>b</sup>	Signal intensity <sup>c</sup>				DESCRIPTION <sup>d</sup>
		t=0 (HR)	t=24 (HR)	t=0 (LR)	t=24 (LR)	
CF768201	1	8.48	7.61	7.45	8.36	CG15403-PA (LOC516545),
CF118261	1	9.45	8.91	9.22	9.78	Homo sapiens chromosome 8, clone RP11-119K7 Human DNA sequence from clone RP5-985L19 on chromosome 1q42.2-43
DW521223	1	8.03	7.88	8.31	8.61	
CF117910	1	11.16	10.94	10.95	11.67	TIGR CK832283
CF117666	1	10.25	8.95	9.34	10.68	TIGR TC261576
CF768325	2	9.80	8.76	9.21	9.46	TIGR TC263346
CF763608	1	11.06	9.66	9.39	10.54	TIGR TC264235
CF117944	1	8.11	7.21	7.55	8.57	TIGR TC265203
CF118822	1	9.33	8.98	8.94	9.69	TIGR TC267408
C56.G09	1	8.43	6.89	7.72	7.91	TIGR TC285646
CF766811	1	10.30	9.82	9.90	10.75	TIGR TC286462
CF117199	1	10.81	10.00	10.08	11.18	TIGR TC286620
CF766190	2	10.96	9.80	10.12	11.13	TIGR TC290253
CF766336	1	12.41	11.62	11.73	12.60	TIGR TC296426
CF766980	1	13.36	11.34	13.30	14.45	acyl CoA:monoacylglycerol acyltransferase 2
CF117819	1	10.10	9.94	9.93	10.51	Ankyrin repeat domain protein 10 via. TIGR TC262972
CF768454	1	9.93	8.80	9.74	9.97	apolipoprotein A-I binding protein
CF766771	1	8.90	6.87	7.93	8.42	AT-binding transcription factor 1
CF764898	1	9.33	7.23	8.29	8.69	B-cell CLL/lymphoma 10
CF767059	1	12.02	9.55	10.91	11.41	collagen, pro alpha 1(I)
CF116916	1	9.88	9.58	9.68	10.34	Ephrin receptor Ephb3
CF767842	3	11.18	9.49	10.11	11.00	epidermal keratin 1b
CF765481	1	9.28	8.54	8.88	10.17	eukaryotic translation initiation factor 2, subunit 3

<sup>a</sup> In cases where multiple array elements were identified for the same gene, one GenBank Accession ID is selected as representative.

<sup>b</sup> Number of array elements representing each DE gene or EST.

<sup>c</sup> Signal intensity (in Log<sub>2</sub> format). Where multiple array elements are listed, the mean signal intensity is presented.

<sup>d</sup> Gene or gene product to which microarray clones showed a match at the nucleotide level. The BLASTn results accepted for annotation purposes had sequence homologies with scores > 115 and E values < 1.00E-18.

<sup>e</sup> The nucleotide sequence data reported in this paper have been submitted to GenBank and have been assigned the accession number shown in Table 4 and the Supplementary Tables.

CF766236	1	8.50	7.73	8.37	8.95	eukaryotic translation initiation factor 3, subunit 1
CF765871	1	9.74	9.36	8.75	9.76	eukaryotic translation initiation factor 4A, isoform 3
CF766383	1	9.22	8.14	8.18	9.42	fibronectin 1 (FN1), transcript variant 1
DW521261	1	12.07	11.17	11.12	12.17	genomic protocadherin alpha cluster
DW521277	1	11.40	11.14	11.15	11.86	headcase homolog (Drosophila)
CF763126	1	9.43	8.10	9.09	9.39	heat shock protein 90 beta
CF767745	3	10.06	9.68	8.96	9.65	immunoglobulin G1 heavy chain
CF769117	1	8.19	8.00	7.87	8.18	immunoglobulin J chain
CF763228	2	9.86	9.66	9.39	10.09	immunoglobulin kappa light chain C region
CF767712	1	10.43	8.45	8.57	10.06	immunoglobulin lambda chain V-I region BL2 precursor
CF764102	1	13.46	13.37	12.39	13.01	interleukin 13 receptor alpha 1 precursor
CF766029	1	10.77	8.71	9.40	10.97	intracellular membrane-associated calcium-independent phospholipase A2 gamma
CF763223	2	12.45	11.94	12.04	12.63	keratin 1 (epidermolytic hyperkeratosis)
CF763764	3	11.37	10.04	11.29	11.50	keratin 10 (epidermolytic hyperkeratosis)
CF764843	1	11.31	11.08	11.03	11.79	Lipopolysaccharide (LPS)-induced TN factor (LOC520564) malate dehydrogenase mRNA, nuclear gene for mitochondrial product
CF763097	1	9.51	8.08	9.08	9.09	mitochondrial isoleucine tRNA synthetase
CF764265	1	10.35	9.23	9.62	10.02	mitochondrial ribosomal protein L3
CF763279	1	7.07	5.71	6.52	6.75	Myosin light chain kinase, smooth muscle and non-muscle isozymes
CF767029	1	11.19	10.98	11.10	11.65	pituitary tumor-transforming protein 1-interacting
CF767254	1	11.84	9.41	10.16	10.40	protein phosphatase 1, regulatory (inhibitor) subunit 14C
CF764841	1	10.20	9.69	9.99	10.51	protein-L-isoaspartate (D-aspartate) O-methyltransferase
CF767557	1	7.46	6.48	7.03	7.44	rab GDP-dissociation inhibitor-2
CF763817	1	10.78	8.76	9.78	10.93	Ras-related small GTPase
CF766718	1	9.81	8.04	8.53	8.74	reticulocalbin 1, EF-hand calcium binding domain
CF766113	1	9.65	8.64	8.57	9.83	retinoblastoma binding protein 4
CF768088	1	12.17	8.87	10.79	11.53	ribosomal protein L21
CF767910	1	12.72	12.58	11.84	12.42	ribosomal protein L35a
CF767131	1	10.37	8.57	9.01	10.76	ribosomal protein S14
CF768250	1	13.12	10.62	10.85	13.15	ribosomal protein S24
CF118682	2	12.53	13.37	12.04	13.28	ribosomal protein S27a
CF763629	1	13.24	13.06	12.57	13.27	ribosomal protein S8
CF763045	2	11.50	10.17	10.91	10.96	RING-box protein 2 (Rbx2) (RING finger protein 7)
CF118643	1	9.29	6.38	8.26	9.70	spermidine/spermine N1-acetyltransferase
CF765024	1	11.87	11.29	11.52	12.32	TAF7 RNA polymerase II, TATA box binding protein
CF765650	1	9.56	7.73	9.41	9.46	T-cell receptor alpha-chain V-region (V-J-C) precursor via.TIGR TC266131
CF764889	1	9.17	8.69	9.38	9.59	trichohyalin
CF763111	1	11.41	9.95	10.39	12.47	type II small proline-rich protein mRNA, tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein
CF766480	1	10.21	9.56	9.65	9.82	
CF767452	1	11.83	11.27	11.32	12.31	