

Decreased expression: 173

Increased expression: 97

Total: 270

Table S2
Transgenerational Male Amygdala Regulated Genes

Apoptosis

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio		
Apg12	91	52	0.57	BF563278	Autophagy-related 12 (yeast)
Acin1	64	97	1.50	BE116857	Apoptotic chromatin condensation inducer 1

Cell Cycle

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio		
Cdc2l5	60	92	1.53	BF405622	Cell division cycle 2-like 5 (cholinesterase-relate
Sugt1	417	691	1.66	BI299197	SGT1, suppressor of G2 allele of SKP1 (S. cere
Kif5b	124	76	0.61	AA924572	kinesin family member 5B

Cytoskeleton-ECM

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio		
Boc_predicted	100	50	0.51	BE110539	Biregional cell adhesion molecule-related/down-
Cdh22	77	25	0.32	BF388223	Cadherin 22
Cotl1_predicted	120	246	2.04	AI411057	coactosin-like 1 (Dictyostelium) (predicted)
Eml1	180	273	1.52	BI289642	Echinoderm microtubule associated protein like
Flnb_predicted	111	37	0.34	BI275447	Filamin, beta (predicted)
Kif5a	141	87	0.62	BF408765	Kinesin family member 5A
Mical2_predicted	78	47	0.61	BI274243	Microtubule associated monooxygenase, calponi
Map1b	150	85	0.57	BE096402	Microtubule-associated protein 1b
Map4	646	1046	1.62	AI230787	Microtubule-associated protein 4
Mapre1	232	131	0.56	U75920	microtubule-associated protein, RP/EB family, r
Opcml	534	822	1.54	M88709	Opioid binding protein/cell adhesion molecule-li
RGD:619969	263	149	0.56	NM_020074	proteoglycan peptide core protein
Pcdh7	138	79	0.57	BE121006	protocadherin 7///Transcribe locus
RGD:621676	90	58	0.65	BI282702	smooth muscle alpha-actin
LOC685664	142	76	0.53	BF406304	similar to axonemal dynein light chain 1
Vezt	59	98	1.67	AI235367	Vezeatin, adherens junctions transmembrane pro

Development

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio		
Hnt	730	363	0.50	AA955579	neurotrimin
Apc	200	115	0.57	NM_012499	adenomatosis polyposis coli
Ash1l_predicted	157	100	0.64	BE119506	Ash1 (absent, small, or homeotic)-like (Drosoph
Auts2_predicter	79	37	0.46	AI070144	Autism susceptibility candidate 2 (predicted)
Cpne8_predictec	119	199	1.68	AI059204	Copine VIII (predicted)
Hrpt2_predicted	541	273	0.50	BI290578	hyperparathyroidism 2 (with jaw tumor) (predicte
Inexa	203	317	1.56	X52017	Internexin, alpha
Kirrel3_predicted	127	82	0.65	BF399121	kin of IRRE like 3 (Drosophila) (predicted)
Lmo3	556	214	0.39	AF353304	LIM domain only 3
LOC680445	92	53	0.58	AA875457	similar to muscleblind-like 2 isoform 1
Lrrtm3_predicted	79	40	0.50	BE107602	Leucine rich repeat transmembrane neuronal 3
Ndph_predicted	164	101	0.62	BF394149	Norrie disease homolog (human) (predicted)
Negr1	80	37	0.46	AW527711	Neuronal growth regulator 1
Nelf	906	1389	1.53	AJ293698	Nasal embryonic LHRH factor

Pmch	54	108	1.99	NM_012625	Pro-melanin-concentrating hormone
RGD1565646_pr	113	44	0.39	AI111954	Similar to SOX2 protein (predicted)
Sacs_predicted	109	61	0.56	BF567998	Sacsin (predicted)
Sncg	368	837	2.28		Synuclein, gamma
Sox9	812	352	0.43	AI454332	SRY-box containing gene 9
Tex264	134	204	1.52	AW252660	Testis expressed gene 264 homolog (mouse)

Golgi Apparatus

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio		
Chst8_predicted	51	100	1.97	AI501232	Carbohydrate (N-acetylgalactosamine 4-0) sulfo
Gga3_predicted	166	104	0.63	BE112983	Golgi associated, gamma adaptin ear containing
Hs2st1_predicte	79	48	0.62	AW530083	heparan sulfate 2-O-sulfotransferase 1 (predicte
Man1a2_predicte	121	73	0.60	BF401339	mannosidase, alpha, class 1A, member 2 (predi

Growth Factors and Cytokines

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio		
Csf1	315	176	0.56	AW535553	colony stimulating factor 1(macrophage)
Fgfr1	197	318	1.61	BI275155	Fibroblast growth factor receptor 1
Fstl1	78	48	0.62	NM_024369	follistatin-like 1
Grem1	87	45	0.52	NM_019282	Gremlin 1 homolog, cysteine knot superfamily ()
Wnt4	68	136	1.99	NM_053402	wingless-type MMTV integration site family, mer

Immune Response

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio		
Cdw92	91	58	0.63	AI105205	CDW92 antigen
Igsf4a	244	155	0.64	AA900645	immunoglobulin superfamily, member 4A
Irf5_predicted	77	126	1.64	BF284236	Interferon regulatory factor 5 (predicted)
RGD1306344	83	53	0.63	AI073208	Similar to Ab1-133
LOC690085	125	199	1.60	AW534002	Similar to B-cell CLL/lymphoma 7A
LOC680404	769	1215	1.58	BG374818	Similar to Complement C1q-like protein 3 precu
Sart2_predicted	112	66	0.58	BM386930	Squamous cell carcinoma antigen recognize
Tollip_predicted	87	51	0.59	BF408962	Toll interacting protein (predicted)

Metabolism

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio		
Abcc1	107	71	0.66	AI059506	ATP-binding cassette, sub-family C (CFTR/MRF
Abhd8_predicted	246	164	0.66	AI137533	Abhydrolase domain containing 8 (predicted)
Adpgk	107	191	1.79	BE102146	ADP-dependent glucokinase
Agpat1	99	175	1.76	BI284306	1-acylglycerol-3-phosphate O-acyltransferase 1
Art3_predicted	113	70	0.62	AI104393	ADP-ribosyltransferase 3 (predicted)
Asph_predicted	127	71	0.56	AI113308	aspartate-beta-hydroxylase (predicted)
Atp1b2	239	99	0.42	U45946	ATPase, Na+/K+ transporting, beta 2 polypeptid
Atp2b1	184	300	1.63	AW534277	ATPase, Ca++ transporting, plasma membrane
Clstn2	54	119	2.19	BE109141	Calsyntenin 2
Comt	293	182	0.62	NM_012531	<i>catechol-O-methyltransferase</i>
Cyp2d22	162	107	0.66	U48220	Cytochrome P450, family 2, subfamily d, polype
Dpysl2	426	171	0.40	BE118404	dihydropyrimidinase-like 2
Entpd3	82	52	0.63	AI070096	Ectonucleoside triphosphate diphosphohydrolas
Folh1	77	48	0.63	AF040256	Folate hydrolase

Glul	793	462	0.58	BI296610	glutamine synthetase 1
Kcnj3	91	41	0.46	U09243	Potassium inwardly-rectifying channel, subfamily
Kcnk1	113	64	0.57	NM_021688	putative potassium channel TWIK
Kcnq3	141	88	0.62	BF400850	Potassium voltage-gated channel, subfamily Q,
Magi2	98	65	0.66	BF412454	Membrane associated guanylate kinase, WW ar
Nmt2	112	65	0.58	AA900781	N-myristoyltransferase 2
RGD1559938_pr	117	204	1.74	AI101062	Similar to spermine synthase (predicted)
Scn4b	202	128	0.63	AI137995	Sodium channel, voltage-gated, type IV, beta
Slc15a2	330	500	1.52	NM_031672	Solute carrier family 15 (H+/peptide transporter)
Slc27a4	177	101	0.57	BI286134	Solute carrier family 27 (fatty acid transporter), r
Slc4a11_predicte	107	64	0.60	BI293444	Solute carrier family 4, sodium bicarbonate trans
Sqle	187	286	1.53	NM_017136	Squalene epoxidase
Tmed5	57	99	1.74	AI137113	Transmembrane emp24 protein transport domai
Xylt2	84	49	0.58	AA892497	Xylosyltransferase II

Proteolysis

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio	Genbank	Gene Title
Psmc3ip	81	50	0.61	NM_134458	proteasome (prosome, macropain) 26S subunit,
Rnf6_predicted	31	77	2.46	BI296352	Ring finger protein (C3H2C3 type) 6 (predicte
RGD1560364_pr	99	43	0.44	BE108174	Similar to vacuolar protein sorting 13C protein
Senp5_predictec	57	186	3.23	BE105606	SUMO/sentrin specific protease 5 (predicted) ///
Ube2n	350	636	1.82	BI294702	ubiquitin-conjugating enzyme E2N (homologous
Xpnpep1	223	338	1.52	AI178742	X-prolyl aminopeptidase (aminopeptidase P) 1, :

Receptors & Binding proteins

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio	Genbank	Gene Title
Dlgap2	87	45	0.51	BF409093	Discs, large (Drosophila) homolog-associated pr
Fnbp1	80	185	2.32	BI274481	Formin binding protein 1
Gabbr1	459	296	0.65	Y10369	Gamma-aminobutyric acid (GABA) B receptor 1
Gria1	138	208	1.51	BG376217	glutamate receptor, ionotropic, AMPA1 (alpha 1)
Lphn3	101	38	0.38	AF081159	Latrophilin 3
Plxna3	81	48	0.59	AW141867	Plexin A3 (mapped)
LOC685491	100	66	0.65	BF284235	Similar to retinoblastoma binding protein 4
Sort1	107	67	0.62	BF394904	Sortilin 1
Trpm3_predicted	116	71	0.61	BF413661	Transient receptor potential cation channel, sub

Signaling

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio	Genbank	Gene Title
Abca1	96	157	1.65	AI502114	ATP-binding cassette, sub-family A (ABC1), r
Akap5	182	60	0.33	NM_133515	A kinase (PRKA) anchor protein 5
Anxa4	68	105	1.55	BM385237	ZAP 36/annexin IV
Arf6	110	73	0.66	NM_024152	ADP-ribosylation factor 6
Arhgap20	85	52	0.61	BF404613	Rho GTPase activating protein 20
Axin2	40	77	1.92	NM_024355	axin2
Bcar1	58	87	1.50	NM_012931	breast cancer anti-estrogen resistance 1
Camk2a	331	934	2.82	BM384558	calcium/calmodulin-dependent protein kinase II
Camk2a	176	116	0.66	BE107291	Calcium/calmodulin-dependent protein kinase II
Camk2d	155	69	0.45	X77194	calcium/calmodulin-dependent protein kinase II,
Dcamk13_predict	91	46	0.51	AW529479	Doublecortin and CaM kinase-like 3 (predicted)
Dusp1	392	231	0.59	U02553	dual specificity phosphatase 1

Dyrk1a	85	48	0.57	BI303285	Dual-specificity tyrosine-(Y)-phosphorylation reg
Eps8_predicted /	108	72	0.66	BF393611	Epidermal growth factor receptor pathway subst
Faf1	165	254	1.54	NM_130406	Fas-associated factor 1
Gabrg3	119	75	0.63	BF403919	Gamma-aminobutyric acid (GABA) A receptor, s
Gng12	92	59	0.65	AI576549	Guanine nucleotide binding protein (G protein), i
Gnl2	43	87	2.03	AI060050	Guanine nucleotide binding protein-like 2 (nucle
Gpr153	91	53	0.58	AI599549	G protein-coupled receptor 153
Gpr88	273	140	0.51	NM_031696	G-protein coupled receptor 88
Homer1	144	69	0.48	BF397258	Homer homolog 1 (Drosophila)
Hspa1a	96	56	0.58	BI278231	heat shock 70kD protein 1A
LOC686610	82	17	0.21	BF396263	similar to transducin (beta)-like 2
Plekhc1_predicte	93	50	0.54	BE128738	pleckstrin homology domain containing, family C
Ppp1r3c	189	115	0.61	AW530361	Protein phosphatase 1, regulatory (inhibitor) sub
Prkag2	202	345	1.71	AI409841	Protein kinase, AMP-activated, gamma 2 non-ca
Prkag2	200	120	0.60	AW527165	Protein kinase, AMP-activated, gamma 2 non-ca
Prkar1a	124	75	0.60	AW524136	protein kinase, cAMP dependent regulatory, type
Prkcc	321	533	1.66	NM_012628	Protein kinase C, gamma
Prkg2	132	80	0.61	NM_013012	Protein kinase, cGMP-dependent, type II
Ptprd	77	49	0.64	BM392254	Protein tyrosine phosphatase, receptor type, D
Rab15	397	610	1.54	BM384841	RAB15, member RAS oncogene family
Rab3gap2	275	166	0.60	AI011183	RAB3 GTPase activating protein subunit 2
RGD1306588_pr	112	75	0.67	BF418962	Similar to TBC1 domain family member 22A
RGD1311455_pr	180	112	0.62	BE108260	Similar to MAPK-interacting and spindle-stabilizi
RGD1565261_pr	161	293	1.82	AI412533	similar to kinase non-catalytic C-lobe domain (K
Ripk2_predicted	88	50	0.57	BF412519	Receptor (TNFRSF)-interacting serine-threonine
Rspo1_predicted	92	56	0.61	AI044916	R-spondin homolog (Xenopus laevis) (predicted
Stk32c_predictec	495	291	0.59	BE097305	Serine/threonine kinase 32C (predicted)
Trio	360	204	0.57	AI577848	triple functional domain (PTPRF interacting)
---	132	87	0.66	AI070638	Transcribed locus, strongly similar to NP_73375

Transcription

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio		
Ankrd12_predic	98	49	0.50	AI577496	ankyrin repeat domain 12 (predicted)
Atf2	100	60	0.60	BF288181	Activating transcription factor 2
Baz2b_predicted	87	41	0.47	BF404567	Bromodomain adjacent to zinc finger domain, 2f
Bhlhb8	100	174	1.75	BE110870	basic helix-loop-helix domain containing, class E
Clasp1_predictec	81	53	0.65	AI044920	Chromodomain helicase DNA binding protein 4
Cugbp2	131	68	0.52	AW523660	CUG triplet repeat, RNA binding protein 2
Ddef1_predicted	137	83	0.60	AA894199	Development and differentiation enhancing (pre
Ddx3x	109	40	0.37	BG667163	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-I
Edg2	643	1002	1.56	NM_053936	endothelial differentiation, lysophosphatidic acid
Egr2	144	82	0.57	NM_053633	early growth response 2
Epc2_predicted	51	88	1.74	AI535147	Enhancer of polycomb homolog 2 (Drosophila) (
Fbxo33_predicte	114	174	1.53	AW918372	F-box only protein 33 (predicted)
Hdac1	79	44	0.56	AW530195	Histone deacetylase 1
Hint3	187	120	0.64	AA925490	Histidine triad nucleotide binding protein 3
Ing4	195	86	0.44	BM391761	Inhibitor of growth family, member 4
LOC500030	78	155	1.99	BE107536	similar to PHD finger protein 14 isoform 1
LOC685610	75	117	1.56	BF551093	similar to zinc finger protein 59
LOC69142	78	46	0.60	BF396725	similar to zinc finger protein 101
Mxi1	146	77	0.53	NM_013160	Max interacting protein 1
Ncor1	176	94	0.53	BF390024	nuclear receptor co-repressor 1

Nfib	389	631	1.62	AW253720	Nuclear factor I/B
Nfix	1335	454	0.34	AI555855	Nuclear factor I/X
Pbx1_predicted	76	32	0.42	BI281745	pre-B-cell leukemia transcription factor 1 (predic
Poldip3_predicte	418	272	0.65	BF420785	polymerase (DNA-directed), delta interacting pro
RGD1307526	83	157	1.89	BF397936	Similar to modulator of estrogen induced transcr
RGD1310602_pr	138	87	0.63	BE105705	Similar to ankyrin repeat domain 40
Satb1	181	277	1.53	AI227638	Special AT-rich sequence binding protein 1
Stx1a	215	124	0.58	NM_053788	Syntaxin 1A (brain)
Tcf20_mapped	108	170	1.57	BF394639	Transcription factor 20 (mapped)
Tnks2_predicted	133	62	0.47	H32233	Tankyrase, TRF1-interacting ankyrin-related AD
Tsn	317	130	0.41	BM391661	translin
Wasl	358	553	1.54	AI706673	Wiskott-Aldrich syndrome-like (human)
Xab2	72	121	1.68	AF277899	XPA binding protein 2
Zbed3_predicted	89	55	0.62	BE110658	Zinc finger, BED domain containing 3
Zc3hdc7_predict	143	88	0.62	BE116569	Zinc finger CCCH type containing 7 A (predicted
Zcrb1	144	233	1.62	BF386158	Zinc finger CCHC-type and RNA binding motif 1
Zfhx1b_predictec	120	246	2.05	BG377397	Zinc finger homeobox 1b
Zfp533_predictec	71	120	1.70	AA818377	zinc finger protein 533 (predicted)
Zfpm2_predicted	39	80	2.07	AI175842	Zinc finger protein, multitype 2 (predicted)

Translation and Protein Modification

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio	Genbank	Gene Title
LOC678972	83	50	0.61	AA875047	Chaperonin subunit 6a (zeta) (predicted)
Eif5b	89	135	1.52	BF395978	Eukaryotic translation initiation factor 5B
Exosc5_predicte	73	113	1.55	AA943578	Exosome component 5 (predicted)
Qtrtd1_predicted	145	94	0.65	AA819409	queuine tRNA-ribosyltransferase domain contain
Rpl3	875	1356	1.55	AW142765	ribosomal protein L3
Trmt5_predicted	75	118	1.57	BF407592	TRM5 tRNA methyltransferase 5 homolog (S. ce

Miscel & Unknown

Gene Symbol	Raw	Raw	Vin/Con	Genbank	Gene Title
Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio	Genbank	Gene Title
Gramd3	366	224	0.61	C06752	GRAM domain containing 3
LOC302898	218	340	1.56	BG377487	Ac1158
LOC315843	116	201	1.72	BE107185	similar to WD repeat domain 11 protein
LOC498014	106	61	0.58	BG379949	similar to hypothetical protein LOC284018 isofo
LOC500720 /// L	313	201	0.64	BG670822	Non-coding RNA expressed in the brain, repeat
LOC680229	253	424	1.67	AI413058	Similar to Beta-sarcoglycan (Beta-SG) (43 kDa)
LOC685448	81	47	0.58	AI101017	Hypothetical protein LOC685448
LOC689176	183	120	0.65	AI103213	similar to transmembrane protein 64
Lsm14a_predicte	79	46	0.59	BF417956	LSM14 homolog A (SCD6, S. cerevisiae) (predic
Mdn1	83	32	0.38	AA956668	Midasin homolog (yeast)
Mterfd2	90	153	1.71	BI293662	MTERF domain containing 2
RGD1304810_pr	81	54	0.66	AI044301	similar to 6430573F11Rik protein (predicted)
RGD1305631_pr	77	47	0.61	BF420447	Similar to 2810437L13Rik protein (predicted)
RGD1305958_pr	114	75	0.66	BF408519	Similar to BB128963 protein
RGD1306798_pr	106	170	1.61	AI136405	similar to CG15929-PA (predicted)
RGD1307479_pr	84	126	1.51	BG372657	similar to KIAA1521 protein (predicted)
RGD1309995_pr	79	124	1.56	BF398054	Similar to CG13957-PA (predicted)
RGD1310117_pr	196	121	0.61	BG381331	Hypothetical LOC298591 (predicted)
RGD1310433_pr	152	89	0.58	AW254450	Similar to mKIAA1757 protein (predicted)

RGD1310651_pr	132	85	0.64	BF407551	similar to hypothetical protein MGC20460 (predi
RGD1311016_pr	118	65	0.55	BI281497	similar to RIKEN cDNA 9130427A09 (predicted)
RGD1312005_pr	224	137	0.61	BF392349	Similar to DD1 (predicted)
RGD1559605_pr	107	260	2.43	BE101933	similar to hypothetical protein FLJ25477 iso
RGD1561931_pr	44	104	2.38	BF416137	Similar to KIAA2022 protein (predicted)
RGD1562278_pr	87	58	0.66	BF409055	Similar to KTSR5831 (predicted)
RGD1563912_pr	82	44	0.54	BG672771	RGD1563912 (predicted)
RGD1564084_pr	42	95	2.24	BM387858	Similar to timeless-interacting protein (predicted)
RGD1564451_pr	75	47	0.63	BE114077	Similar to Tribbles homolog 2 (predicted)
RGD1565350_pr	101	59	0.58	BF283302	Similar to Shb protein
RGD1565498_pr	83	52	0.62	BF414751	Similar to Hypothetical protein LOC270802 (pre
RGD1565556_pr	78	17	0.22	BF404888	similar to cajalin 2 isoform a (predicted)
RGD1565596_pr	66	113	1.70	AI072448	Similar to Gene model 461 (predicted)
RGD1565884_pr	153	79	0.52	AI043817	similar to Pellino protein homolog 2 (Pellino 2) (
RGD1566117_pr	526	1101	2.09	AI555865	Similar to hypothetical protein FLJ23033 (predic
Ston2_predicted	100	220	2.20	AW534519	stonin 2 (predicted)
Trim33_predictec	130	48	0.37	AI103408	tripartite motif protein 33 (predicted)
Wdr66_predictec	48	78	1.62	BF283420	WD repeat domain 66 (predicted)

EST's

Sample	F3-Cont	F3-Vinc	Vin/Con	Genbank	Gene Title
Gene Symbol	Raw	Raw	Ratio		
---	101	47	0.47	AA800192	Transcribed locus, strongly similar to XP_57
---	154	243	1.58	AA996970	Transcribed locus, strongly similar to NP_95466
---	110	68	0.62	AI411809	Transcribed locus
---	80	37	0.46	BF290937	Transcribed locus
---	90	57	0.63	AI102735	Transcribed locus
---	74	153	2.07	BI282726	Transcribed locus
---	127	211	1.66	BM384026	Transcribed locus
---	79	44	0.56	BI300887	Transcribed locus
---	71	115	1.63	BE107482	Transcribed locus
---	140	59	0.43	AW531363	Transcribed locus
---	141	218	1.55	BE105498	Transcribed locus
---	153	97	0.64	AW527767	Transcribed locus
---	138	72	0.52	BI278180	Transcribed locus
---	104	68	0.66	BI293639	Transcribed locus
---	83	43	0.52	BG663446	Transcribed locus
---	91	52	0.57	AA964975	Transcribed locus
---	242	366	1.51	BG380796	Transcribed locus
---	79	126	1.60	AA926072	<i>Transcribed locus</i>
---	88	146	1.66	BF412064	Transcribed locus
---	449	712	1.58	BG668719	Transcribed locus
---	169	63	0.37	AI102173	Transcribed locus
---	65	133	2.04	AW530415	Transcribed locus
---	97	63	0.64	BE102746	Transcribed locus
---	190	287	1.51	AW526127	Transcribed locus
---	171	95	0.55	AW914907	Transcribed locus
---	203	61	0.30	BF404508	Transcribed locus
---	77	48	0.63	AW522969	Transcribed locus
---	86	42	0.48	BF403875	Transcribed locus
---	293	187	0.64	BF391580	Transcribed locus
---	144	93	0.65	BF555100	Transcribed locus
---	163	251	1.54	BF289504	Transcribed locus

RGD621098	87	50	0.57	U92010	Similar to RIKEN cDNA D230025D16Rik
RGD1307396_pr	76	117	1.54	AW916327	Similar to RIKEN cDNA 6330406I15 (predicted)
<i>RGD1310022</i>	8	93	12.39	<i>AI172311</i>	<i>similar to RIKEN cDNA 2610204K14</i>
RGD1311358	80	46	0.58	AI012753	similar to RIKEN cDNA 2410017P07
RGD1565557_pr	217	134	0.62	AF023090	Similar to RIKEN cDNA 2010301N04 (predicted)
RGD1564454_pr	132	85	0.64	BM390539	Similar to RIKEN cDNA 2010200O16 (predicted)
RGD1308134_pr	77	116	1.51	BM390489	Similar to RIKEN cDNA 1110020A23 (predicted)
RGD1306284_pr	143	224	1.56	AA866227	Similar to RIKEN cDNA 1110005A03
RGD:735106	60	147	2.45	AI712625	Similar to RIKEN cDNA 0610011N22 gene
---	160	84	0.52	AW921250	---
---	76	37	0.49	BF390648	---
---	84	50	0.59	BI278779	---
---	120	207	1.73	AI030314	---
---	122	77	0.63	AA998001	---
---	246	159	0.65	BE110241	---

Note - The bolded genes are similar between male and female gene sets.

The italic genes are similar within the same sex between amygdala and hippocampus.