

**Table S1. List of hit genes and the NMJ phenotype observed during RNAi knock down.**

VDR line ID	Flybase ID	Gene name	Human gene name <sup>1</sup>	Synaptic apposition	Synaptic overgrowth	Synaptic undergrowth	Synaptic retractions	Axonal transport	Other
103632	FBgn0027084	Aats-lys	KARS	x					x
108631	FBgn0033246	ACC	ACACA				x		
103703	FBgn0010379	Akt1	AKT3				x	x	x
104489	FBgn0260972	alc	PRKAB1		x				
110417	FBgn0250789	alpha-Spec	SPTAN1				x	x	
25387	FBgn0250789	alpha-Spec	SPTAN1				x	x	
110725	FBgn0043012	AP-2sigma	AP2S1	x					x
103390	FBgn0024832	AP-50	AP2M1						x
16133	FBgn0260945	Atg1	ULK2			x			
108409	FBgn0013751	Awh	LHX8	x					
104879	FBgn0039654	Brd8	BRD8				x		
107748	FBgn0259246	brp							x
107748	FBgn0259246	brp							x
104422	FBgn0259246	brp							x
21135	FBgn0259246	brp							x
110277	FBgn0005592	btl	FGFR2			x			x
101755	FBgn0011241	cbx	AKTIP				x		
100575	FBgn0041342	Cct1	PCYT1A	x			x		
110727	FBgn0011573	Cdc37	CDC37					x	
108635	FBgn0034611	CG10069	SLC37A2						x
101460	FBgn0039116	CG10375	DNAJC8	x					
109610	FBgn0037543	CG10903	WBSCR22	x		x		x	
106921	FBgn0033259	CG11210	TMEM63A		x				
103941	FBgn0035400	CG11537	HIAT1				x		
100452	FBgn0039271	CG11839	ZNF830			x	x	x	
108565	FBgn0027903	CG12018	POLD2			x			
110737	FBgn0030037	CG12125	FAM73B	x			x	x	
103372	FBgn0037377	CG1218	C4orf27		x				
107421	FBgn0036514	CG12301	UTP14A	x		x	x		
105625	FBgn0033661	CG13185	MDN1			x	x		x
104096	FBgn0031062	CG14230	NOL8				x	x	
108616	FBgn0039640	CG14516	ANPEP			x		x	
107076	FBgn0031186	CG14614	DCAF7	x			x		
110560	FBgn0030336	CG1578	ATPBD4			x			
103729	FBgn0029820	CG16721	TCP11L1	x					
105763	FBgn0035423	CG17737	EIF1	x			x		
101464	FBgn0029995	CG2256	EFCAB1	x					x
108996	FBgn0030000	CG2260	WDR46			x	x		
102543	FBgn0037534	CG2781	ELOVL7			x			
110091	FBgn0031266	CG2807	SF3B1			x	x		
103911	FBgn0029672	CG2875	NOC4L			x			
110612	FBgn0261383	CG3125	INTS6	x			x		
108921	FBgn0052262	CG32262	MPV17L2		x				
101350	FBgn0038271	CG3731	PMPCB				x	x	x
110227	FBgn0032216	CG5384	USP14			x	x		
110620	FBgn0034368	CG5482	FKBP8			x			
106099	FBgn0032444	CG5525	CCT4	x					
109894	FBgn0036030	CG6767	PRPS2		x		x		
108615	FBgn0030086	CG7033	CCT2	x		x			

103905	FBgn0033342	CG8258	CCT8	x		x		
108620	FBgn0021760	chb	CLASPI				x	
103383	FBgn0000319	Chc	CLTC				x	x
23666	FBgn0000319	Chc	CLTC					x
24789	FBgn0000319	Chc	CLTC					x
101458	FBgn0000318	cl	TXNDC17		x			
101516	FBgn0027055	CSN3	COPS3			x		
107010	FBgn0032378	CycY	CCNY		x			x
104183	FBgn0010220	Dbp45A	DDX49				x	
101340	FBgn0030276	Dlic	DYNC1LI2			x	x	x
106308	FBgn0068023	Dyak\Tal	TALDO1				x	
100260	FBgn0000535	eag	KCNH5		x			
104562	FBgn0261609	eIF-2alpha	EIF2S1			x		
108094	FBgn0034915	eIF6	EIF6				x	x
107824	FBgn0030241	feo	PRC1			x		
103611	FBgn0086698	fritz	C2orf86		x			x
107622	FBgn0262743	Fs(2)Ket	KPNB1	x		x	x	x
106929	FBgn0262126	gho	SEC24C	x			x	
109300	FBgn0025595	GRHR	GNRHR	x			x	
101555	FBgn0004838	Hrb27C	DAZAP1	x		x		
100697	FBgn0015245	Hsp60	HSPD1					x
108568	FBgn0001233	Hsp83	HSP90AB1	x		x		
101238	FBgn0037501	Ir84a					x	
109514	FBgn0040309	Jafrac1	PRDX2			x	x	x
100788	FBgn0027654	jdp	DNAJC12	x		x	x	
22125	FBgn0010235	Klc	KLC1			x	x	x
39583	FBgn0010235	Klc	KLC1			x		x
105955	FBgn0051232	koko	FAM58A		x			
5098	FBgn0261574	kug	FAT1				x	
106588	FBgn0046704	Liprin-alpha	PPFIA1	x				
101758	FBgn0027497	Madm	NRBP1			x		x
105486	FBgn0261642	mbl	MBNL1			x	x	x
19688	FBgn0011655	Med	SMAD4			x		
106767	FBgn0011655	Med	SMAD4			x		x
100812	FBgn0029155	Men-b	ME1				x	x
109502	FBgn0035473	mge	TOMM22	x		x		
110193	FBgn0262872	milt	TRAK1					x
108573	FBgn0002787	Mov34	PSMD7	x			x	
102982	FBgn0050361	mtt	GRM4				x	
103755	FBgn0002891	mus205	REV3L	x				x
110689	FBgn0031020	Nat1	NAA15	x				
107717	FBgn0086707	ncm	CWC22	x				
108840	FBgn0028274	ns3	LSG1	x			x	x
100713	FBgn0036059	nudE	NDEL1				x	x
104688	FBgn0004839	otk	PTK7		x		x	x
109812	FBgn0020386	Pk61C	PDPK1				x	
100628	FBgn0032884	Pomp						x
101409	FBgn0086134	Pros25	PSMA2	x				
105673	FBgn0002284	Pros26	PSMB1	x				
104373	FBgn0261394	Pros29	PSMA4	x				x
100703	FBgn0250843	Pros35	PSMA1	x				
100620	FBgn0020369	Pros45	PSMC5	x				

110659	FBgn0015283	Pros54	PSMD4	x			x		
108380	FBgn0016697	Prosalph5	PSMA5	x					
102016	FBgn0023175	Prosalph7	PSMA3	x			x		x
103575	FBgn0023174	Prosbeta2	PSMB7	x					
100561	FBgn0026380	Prosbeta3	PSMB3	x			x		
107628	FBgn0029134	Prosbeta5	PSMB5	x					
110443	FBgn0004370	Ptp10D	PTPRB		x				
109796	FBgn0028577	pUf68	PUF60				x		x
103945	FBgn0014010	Rab5	RAB5A				x	x	
110574	FBgn0003206	Ras64B	RRAS2	x					
110364	FBgn0030067	Rbm13	MAK16				x		
105622	FBgn0035150	Rev1	REV1				x		
107056	FBgn0086911	rg	NBEA	x	x				
105760	FBgn0024196	robl	DYNLRB2	x			x	x	x
101369	FBgn0037351	RpL13A	RPL13A				x		
108309	FBgn0002607	RpL19	RPL19	x			x		
104021	FBgn0035422	RpL28	RPL28	x			x		
101391	FBgn0086710	RpL30	RPL30	x			x	x	
100797	FBgn0037328	RpL35A	RPL35A				x		
107295	FBgn0261608	RpL37A	RPL37A	x			x	x	
103939	FBgn0028695	Rpn1	PSMD2	x					
106457	FBgn0028692	Rpn2	PSMD1	x			x		
103942	FBgn0028689	Rpn6	PSMD11	x			x		x
101467	FBgn0028688	Rpn7	PSMD6	x			x		
109062	FBgn0033555	RpS15Ab	RPS15A	x			x		
105298	FBgn0019936	RpS20	RPS20				x		
104676	FBgn0261596	RpS24					x		
107108	FBgn0039300	RpS27	RPS27	x			x	x	
105279	FBgn0261592	RpS6	RPS6				x		
108834	FBgn0028687	Rpt1	PSMC2	x			x		
103143	FBgn0005278	Sam-S	MAT2A	x			x	x	
105989	FBgn0260936	scny	USP36	x			x		
107164	FBgn0004888	Scsalph	SUCLG1	x			x	x	
108085	FBgn0086475	sec3	EXOC1		x				
105836	FBgn0034367	sec6	EXOC3		x			x	
45032	FBgn0262603	sec8	EXOC4			x	x		
105653	FBgn0262603	sec8	EXOC4						x
108941	FBgn0028402	Sin	POLR3E					x	
101449	FBgn0003423	slgA	PRODH	x			x	x	
103587	FBgn0039626	Slu7	SLU7				x		
103406	FBgn0027783	SMC2	SMC2				x		
100690	FBgn0261789	SmD2	SNRPD2				x		
106701	FBgn0024308	Smr					x		x
101404	FBgn0005410	sno	SBNO1	x					
108933	FBgn0261792	snRNP-U1-C	SNRPC	x					
104367	FBgn0039172	Spase22-23	SPCS3				x		
100757	FBgn0030306	Spase25	SPCS2				x		
108828	FBgn0016977	spen			x				
100751	FBgn0036340	SRm160	SRRM1	x			x		
102632	FBgn0025702	srpk79D	SRPK3						x
101495	FBgn0003517	sta	RPSA	x					
108569	FBgn0261041	stj	CACNA2D3				x		

101559	FBgn0003654	sw	DYNC1I2		x		x
107264	FBgn0086377	Syx7	STX7		x		
101441	FBgn0030365	Tango4	PLRG1		x		
107645	FBgn0031030	Tao-1	TAOK1				x
109705	FBgn0026760	Tehao				x	x
100094	FBgn0035638	Tektin-C	TEKT1	x		x	
110432	FBgn0004885	tok	TLL1	x		x	x
8894	FBgn0011584	Trp1	SEC62		x		
8895	FBgn0011584	Trp1	SEC62		x		
100570	FBgn0026316	UbcD10	UBE2L3		x		x
100019	FBgn0035965	Use1	USE1		x		
100226	FBgn0028554	xl6	SRSF7	x			

<sup>1</sup> Human gene orthologs are identified using Hologene resources. Several of the genes were not identified to have a mammalian ortholog but subsequent analysis using BLAST revealed the following human orthologs. brp - CAST, Ir84a - GRIK5, Pomp - POMP, RpS24 - RPS24, Smr - NCOR1, spen - Mint, Tehao - TLR4.

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**Table S2. List of genes in each enriched GO term group for synaptic apposition phenotypic class**

**Proteasome Subunits**

FBgn0020369	26S protease regulatory subunit 8
FBgn0028692	26S proteasome non-ATPase regulatory subunit 1
FBgn0028688	26S proteasome non-ATPase regulatory subunit 6
FBgn0002787	26S proteasome non-ATPase regulatory subunit 7
FBgn0029134	Dmel_CG12323
FBgn0028687	Dmel_CG1341
FBgn0028695	Dmel_CG7762
FBgn0086134	Proteasome 25kD subunit
FBgn0002284	Proteasome 26kD subunit
FBgn0261394	Proteasome 29kD subunit
FBgn0250843	Proteasome 35kD subunit
FBgn0015283	Proteasome 54kD subunit
FBgn0016697	Proteasome alpha subunit
FBgn0023175	Proteasome alpha7 subunit
FBgn0023174	Proteasome beta2 subunit
FBgn0028689	Proteasome p44.5 subunit
FBgn0026380	Proteasome subunit beta type-3

**Mitotic Spindle Organization**

FBgn0002787	Mov34
FBgn0029134	Dmel_CG12323
FBgn0030086	Dmel_CG7033
FBgn0028695	Dmel_CG7762
FBgn0033342	Dmel_CG8258
FBgn0001233	Heat shock protein 83
FBgn0086134	Proteasome 25kD subunit
FBgn0261394	Proteasome 29kD subunit
FBgn0002607	Ribosomal protein L19
FBgn0035422	Ribosomal protein L28
FBgn0086710	Ribosomal protein L30
FBgn0033555	Ribosomal protein S15Ab
FBgn0032444	T-complex protein 1, delta subunit
FBgn0003517	stubarista

**Table S3. List of genes in each enriched GO term group for NMJ undergrowth phenotypic class**

**Spindle Organization**

FBgn0027903	DNA polymerase delta small subunit
FBgn0027783	Dmel_CG10212
FBgn0030276	Dmel_CG1938
FBgn0030086	Dmel_CG7033
FBgn0033342	Dmel_CG8258
FBgn0001233	Heat shock protein 83
FBgn0002607	Ribosomal protein L19
FBgn0035422	Ribosomal protein L28
FBgn0086710	Ribosomal protein L30
FBgn0003654	short wing

**Table S4. List of genes in each enriched GO term group for NMJ overgrowth phenotypic class**

**Cell Differentiation**

FBgn0034367	Exocyst complex component 3
FBgn0004370	Protein tyrosine phosphatase 10D
FBgn0000535	ether a go-go
FBgn0086698	fritz
FBgn0051232	kokopelli
FBgn0004839	off-track
FBgn0086911	rugose
FBgn0016977	split ends

**Table S5. List of genes in each enriched GO term group for synaptic retractions phenotypic class**

**Proteasome**

FBgn0028692 26S proteasome non-ATPase regulatory subunit 1  
FBgn0002787 26S proteasome non-ATPase regulatory subunit 7  
FBgn0028687 Dmel\_CG1341  
FBgn0023175 Proteasome alpha7 subunit  
FBgn0028689 Proteasome p44.5 subunit  
FBgn0026380 Proteasome subunit beta type-3

**Mitotic Spindle Organization**

FBgn0002787 Mov34  
FBgn0030276 Dmel\_CG1938  
FBgn0036059 Nuclear distribution protein nudE homolog  
FBgn0039626 Pre-mRNA-splicing factor Slu7  
FBgn0030067 RNA-binding motif protein 13  
FBgn0086710 Ribosomal protein L30  
FBgn0033555 Ribosomal protein S15Ab  
FBgn0021760 chromosome bows



**Table S6. List of genes in each enriched GO term group for axonal transport phenotypic class**

**Cytoskeletal Part**

FBgn0030276	Dmel_CG1938
FBgn0010235	Kinesin light chain
FBgn0036059	Nuclear distribution protein nudE homolog
FBgn0250789	alpha Spectrin
FBgn0024196	roadblock
FBgn0003654	short wing

**Table S7. List of the total lines screened.**

<b>Flybase gene ID</b>	<b>Gene name</b>	<b>VDRC line ID</b>	<b>Flybase gene ID</b>	<b>Gene name</b>	<b>VDRC line ID</b>
FBgn0036212	CG11597	104729	FBgn0015379	dod	17051
FBgn0011737	wee	106329	FBgn0033015	d4	2682
FBgn0030018	slpr	106449	FBgn0037250	CG1074	1074
FBgn0261854	aPKC	105624	FBgn0010531	CCS	17753
FBgn0262103	CG42856	107458	FBgn0039069	CG6763	6763
FBgn0000404	CycA	103595	FBgn0031459	CG2862	2862
FBgn0027508	tankyrase	106238	FBgn0037329	CG12162	12162
FBgn0010348	Arf79F	103572	FBgn0039053	CG6738	6738
FBgn0032180	CG31714	102832	FBgn0010097	gammaTub37C	17566
FBgn0004367	mei-41	103624	FBgn0031378	CG15362	15362
FBgn0036829	Ir75d	106286	FBgn0036300	CG10688	10688
FBgn0011826	Pp2B-14D	103144	FBgn0039218	Rpb10	13628
FBgn0027932	Akap200	102374	FBgn0086450	su(r)	2194
FBgn0004889	tws	104167	FBgn0261270	SelD	8553
FBgn0000442	Pkg21D	103513	FBgn0020370	TppII	3991
FBgn0031934	Ntl	102776	FBgn0262624	Tmhs	12026
FBgn0263199	Galk	103656	FBgn0040020	MED21	17397
FBgn0027497	Madm	101758	FBgn0050438	CG30438	30438
FBgn0261456	hpo	104169	FBgn0038862	Ubpy	5798
FBgn0039861	pasha	107445	FBgn0035715	CG10103	10103
FBgn0000028	acj6	105292	FBgn0030528	CG11095	11095
FBgn0016075	vkg	106812	FBgn0039301	CG11875	11875
FBgn0036428	CG9238	100593	FBgn0033549	mms4	12936
FBgn0031414	eyes	106892	FBgn0004861	ph-p	18412
FBgn0035891	Oseg1	103598	FBgn0039846	CG11337	11337
FBgn0086778	gfA	100756	FBgn0033578	BBS4	13232
FBgn0039015	Tak12	104701	FBgn0032031	CG13390	13390
FBgn0016032	lbm	102739	FBgn0051111	CG31111	31111
FBgn0038258	CG7362	104218	FBgn0030654	CG15643	15643
FBgn0036706	CG6485	107552	FBgn0250746	Prosbeta7	12000
FBgn0045980	niki	100823	FBgn0051126	CG31126	31126
FBgn0039796	CG12069	100886	FBgn0033210	U2A	1406
FBgn0033876	synaptogyrin	100789	FBgn0033235	CG8728	8728
FBgn0260003	Dys	106401	FBgn0030806	CG13001	13001
FBgn0085388	IP3K2	102772	FBgn0015828	TfIIIEalpha	10415
FBgn0039927	CG11155	100883	FBgn0037244	CG14647	14647
FBgn0024291	Sir2	108241	FBgn0004132	boca	30498
FBgn0030853	CG5703	106650	FBgn0000395	cv-2	15671
FBgn0001128	Gpdh	105359	FBgn0031603	CG15432	15432
FBgn0030964	Pvf1	102699	FBgn0039109	CG10365	10365
FBgn0031702	fusl	104112	FBgn0015509	lin19	1877
FBgn0033791	Drl-2	102192	FBgn0033183	CG1620	1620
FBgn0035026	Fcp1	106253	FBgn0026361	Sep5	2916
FBgn0053519	Unc-89	106267	FBgn0031630	CG15629	15629
FBgn0011241	cbx	101755	FBgn0011584	Trp1	4758
FBgn0028431	Glu-RIB	106269	FBgn0023522	CG11596	11596
FBgn0026063	KP78b	105265	FBgn0015218	eIF-4E	4035
FBgn0038603	PKD	106255	FBgn0035109	CG13876	13876

FBgn0032910	CG9265	107467	FBgn0036354	Poc1	10191
FBgn0000319	Chc	103383	FBgn0037741	CG16908	16908
FBgn0262476	CG43066	101768	FBgn0037648	CG11975	11975
FBgn0004839	otk	104688	FBgn0024841	Pcd	1963
FBgn0046332	gskt	107429	FBgn0033215	CG1942	1942
FBgn0026181	rok	104675	FBgn0051004	CG31004	31004
FBgn0085447	sif	106832	FBgn0025633	CG13366	13366
FBgn0031030	Tao-1	107645	FBgn0032720	mRpL13	10603
FBgn0260452	CG13984	101831	FBgn0038976	CG7048	7048
FBgn0024846	p38b	108099	FBgn0039590	CG10011	10011
FBgn0034489	ppk6	101091	FBgn0033948	CG12863	12863
FBgn0038744	CG4733	107621	FBgn0025885	Inos	11143
FBgn0005779	PpD6	104211	FBgn0003319	Sb	4316
FBgn0030844	ppk23	106873	FBgn0020386	Pdk1	1210
FBgn0045035	tefu	108074	FBgn0030141	Gga	3002
FBgn0260005	wtrw	107423	FBgn0033528	trsn	11761
FBgn0033313	Cirl	100749	FBgn0035850	Atg18	7986
FBgn0034723	CG13506	104632	FBgn0003462	Sod	11793
FBgn0029155	Men-b	100812	FBgn0037761	CG8534	8534
FBgn0000229	bsk	104569	FBgn0024252	Ark	6829
FBgn0027569	cert	103563	FBgn0011648	Mad	12399
FBgn0003733	tor	101154	FBgn0041100	park	10523
FBgn0086251	del	100497	FBgn0000139	ash2	6677
FBgn0036877	CG9452	100887	FBgn0035529	CG1319	1319
FBgn0020880	CG7179	100471	FBgn0036643	Syx8	4109
FBgn0051235	CG31235	107974	FBgn0028372	isopeptidase-T-3	11025
FBgn0033708	CG8850	104098	FBgn0015774	NetB	10521
FBgn0029128	tyn	100426	FBgn0031449	CG31689	31689
FBgn0038309	CG6499	100416	FBgn0027617	CG5808	5808
FBgn0263255	hppy	103580	FBgn0036492	Best3	12327
FBgn0026316	UbcD10	100570	FBgn0027558	pgant3	4445
FBgn0003371	sgg	101538	FBgn0036066	CG14160	14160
FBgn0031414	eys	107636	FBgn0260866	dnr1	12489
FBgn0050344	CG30344	106870	FBgn0035523	CG1311	1311
FBgn0261524	lic	106822	FBgn0037084	Syx6	7736
FBgn0086657	ik2	103748	FBgn0000115	Arf72A	6025
FBgn0039140	Miro	106683	FBgn0034488	CG11208	11208
FBgn0023169	SNF1A	106200	FBgn0034897	Sesn	11299
FBgn0003660	Syb	102922	FBgn0000482	dor	3093
FBgn0019990	Gcn2	103976	FBgn0033985	CG10257	10257
FBgn0015277	Pi3K59F	100296	FBgn0034110	Atg9	3615
FBgn0029830	Grip	103551	FBgn0033792	CG13325	13325
FBgn0031213	galectin	107054	FBgn0033460	sec24	1472
FBgn0042710	Hex-t2	100218	FBgn0030011	Gbeta5	10763
FBgn0034644	CG10082	103749	FBgn0035871	CG7188	7188
FBgn0024273	WASp	108220	FBgn0011655	Med	1775
FBgn0004784	inaC	101719	FBgn0000482	dor	3093
FBgn0043791	CG8147	100052	FBgn0034503	MED8	13867
FBgn0034282	Mapmodulin	100283	FBgn0001180	hb	9786
FBgn0037325	CG12147	101875	FBgn0038140	CG8784	8784
FBgn0036941	CG7335	100062	FBgn0011659	Mlh1	11482

FBgn0032593	trpgamma	105280	FBgn0037530	CG2943	2943
FBgn0019643	Dat	105064	FBgn0051119	HdacX	31119
FBgn0003169	put	107071	FBgn0033460	sec24	1472
FBgn0023090	dtr	103600	FBgn0030241	feo	11207
FBgn0032632	CG6380	100121	FBgn0039702	Vps16B	18112
FBgn0262103	CG42856	106268	FBgn0045862	btz	12878
FBgn0034568	CG3216	107985	FBgn0011655	Med	1775
FBgn0035266	CG7995	101869	FBgn0015351	CG14906	14906
FBgn0035236	CG12004	101732	FBgn0032635	CG15141	15141
FBgn0036742	CG7497	106421	FBgn0002932	neur	11988
FBgn0044046	Ilp7	105024	FBgn0037199	CG11137	11137
FBgn0003079	phl	107766	FBgn0033189	Cyt-b5	2140
FBgn0031451	CG9961	101702	FBgn0040087	p115	1422
FBgn0015803	rtGEF	100583	FBgn0020912	Ptx1	1447
FBgn0041205	key	100257	FBgn0086445	l(2)37Cd	10563
FBgn0001186	Hex-A	104680	FBgn0019982	GsII	15441
FBgn0004864	hop	102830	FBgn0030521	CG10992	10992
FBgn0026379	Pten	101475	FBgn0038325	CG6194	6194
FBgn0002673	twe	104147	FBgn0035317	osm-1	13809
FBgn0042693	PP2A-B'	107057	FBgn0031987	CG12375	12375
FBgn0020622	Pi3K21B	104179	FBgn0011741	Actr13E	11678
FBgn0013435	cdc2rk	100299	FBgn0036427	CG4613	4613
FBgn0031802	ppk7	100643	FBgn0002641	mal	1692
FBgn0034711	CG3290	104586	FBgn0029092	ced-6	11804
FBgn0038853	RhoGAP93B	100136	FBgn0014863	Mlp84B	1019
FBgn0037365	CG2104	100216	FBgn0035238	CG12104	12104
FBgn0039858	CycG	106846	FBgn0263235	Phae2	16997
FBgn0036414	nan	100090	FBgn0035470	CG14980	14980
FBgn0013955	PR2	100169	FBgn0260860	Bet5	1359
FBgn0035425	CG17746	100178	FBgn0010638	Sec61beta	10130
FBgn0036544	sff	100717	FBgn0261995	CG42813	31063
FBgn0033443	CG1698	101947	FBgn0037578	CG9601	9601
FBgn0023510	Rbcn-3B	100294	FBgn0031816	CG16947	16947
FBgn0011294	a5	100657	FBgn0022027	Vps25	14750
FBgn0004603	Src42A	100708	FBgn0002607	RpL19	2746
FBgn0000273	Pka-C1	101524	FBgn0051072	Lerp	31072
FBgn0028552	gammaSnap	100738	FBgn0034915	eIF6	17611
FBgn0261873	sdt	100685	FBgn0003189	r	18572
FBgn0031855	CG11221	100163	FBgn0250850	rig	30149
FBgn0003295	ru	101684	FBgn0051002	CG31002	31002
FBgn0035390	scramb2	104647	FBgn0036318	CG11009	11009
FBgn0002937	ninaB	104683	FBgn0004888	Scsalpha	1065
FBgn0030385	Ir11a	100422	FBgn0030004	CG10958	10958
FBgn0004462	Pk17E	101951	FBgn0032265	CG18301	18301
FBgn0032083	CG9541	102912	FBgn0038965	mats	13852
FBgn0024179	wit	103808	FBgn0035162	CG13900	13900
FBgn0025625	SIK2	103739	FBgn0038535	alt	18212
FBgn0034264	CG10933	104282	FBgn0033179	p47	11139
FBgn0004646	ogre	103816	FBgn0029704	CG2982	2982
FBgn0013272	Gp150	100134	FBgn0035630	CG10576	10576
FBgn0261985	Ptpmeg	103740	FBgn0015245	Hsp60	12101

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FBgn0032350	CG6287	100689	FBgn0033460	sec24	1472
FBgn0029663	CG10804	100400	FBgn0033017	CG10465	10465
FBgn0052687	CG32687	100795	FBgn0028683	spt4	12372
FBgn0003140	PpY-55A	102021	FBgn0086657	ik2	2615
FBgn0016984	sktl	101624	FBgn0034067	CG8399	8399
FBgn0038912	CG6656	104175	FBgn0003460	so	11121
FBgn0011205	fbl	101437	FBgn0014018	Rel	11992
FBgn0036376	Liprin-beta	103645	FBgn0034168	CG15614	15614
FBgn0040208	katanin-60	38368	FBgn0037375	kat-60L1	1193
FBgn0037679	CG8866	103725	FBgn0038926	CG13409	13409
FBgn0035957	CG5144	104240	FBgn0026404	Nc	8091
FBgn0261379	rad	101811	FBgn0034537	DMAP1	11132
FBgn0022936	CycH	104312	FBgn0044452	Atg2	1241
FBgn0019949	Cdk9	103561	FBgn0035850	Atg18	7986
FBgn0037501	Ir84a	101238	FBgn0028425	JhI-21	12317
FBgn0000320	eya	108071	FBgn0037375	kat-60L1	1193
FBgn0024227	ial	104051	FBgn0026176	skpB	8881
FBgn0051140	CG31140	101347	FBgn0003041	pbl	8114
FBgn0028978	trbl	106774	FBgn0034863	skpF	12227
FBgn0002917	na	103754	FBgn0250789	alpha-Spec	1977
FBgn0025573	PpN58A	102060	FBgn0030230	Rph	11556
FBgn0032042	CG13398	38669	FBgn0010516	wal	8996
FBgn0032889	CG9331	107680	FBgn0034656	CG17922	17922
FBgn0259246	brp	107748	FBgn0028692	Rpn2	11888
FBgn0033052	SCAP	106926	FBgn0038577	CG12321	12321
FBgn0015622	Cnx99A	100740	FBgn0033807	AQP	12251
FBgn0259246	brp	104630	FBgn0025790	TBPH	10327
FBgn0035945	CG5026	105674	FBgn0036290	CG10638	10638
FBgn0001248	Idh	100554	FBgn0086657	ik2	2615
FBgn0003425	sli	38233	FBgn0011742	Arp14D	9901
FBgn0029157	ssh	107998	FBgn0036992	CG11796	11796
FBgn0013750	Arf51F	100726	FBgn0005632	faf	1945
FBgn0032042	CG13398	38668	FBgn0028691	Rpn9	10230
FBgn0005411	U2af50	107723	FBgn0030755	CG9906	9906
FBgn0040298	Myt1	105157	FBgn0031854	TTLL3A	11323
FBgn0031784	CG9222	104259	FBgn0034641	mahj	10080
FBgn0250823	gish	106826	FBgn0261574	kug	7749
FBgn0020391	Nrk	103804	FBgn0031970	CG7227	7227
FBgn0038655	CG14297	102071	FBgn0038659	endoA	14296
FBgn0035490	CG1136	107455	FBgn0033476	oys	18445
FBgn0259246	brp	104422	FBgn0037408	NPFR1	1147
FBgn0000711	flw	104677	FBgn0022213	Cas	13281
FBgn0022768	Pp2C1	105249	FBgn0038983	CG5326	5326
FBgn0027505	rab3-GAP	106905	FBgn0003380	Sh	12348
FBgn0030613	rab3-GEF	106194	FBgn0019985	mGluRA	11144
FBgn0033159	Dscam	36233	FBgn0031106	Syx16	1467
FBgn0038788	Sirt2	103790	FBgn0014010	Rab5	3664
FBgn0029006	lack	107349	FBgn0034275	CG5002	5002
FBgn0027587	CG7028	107042	FBgn0030504	CG2691	2691

FBgn0015372	chrw	103039	FBgn0030391	Rab40	1900
FBgn0039665	CG2310	104126	FBgn0039543	CG12428	12428
FBgn0039111	Plip	104774	FBgn0015789	Rab10	17060
FBgn0017561	Ork1	104883	FBgn0086134	Pros25	5266
FBgn0035892	exo70	103717	FBgn0033672	rho-7	8972
FBgn0037167	CG11425	103037	FBgn0030228	CG1826	1826
FBgn0015618	Cdk8	107187	FBgn0036039	CG18177	18177
FBgn0065109	ppk11	107741	FBgn0261976	Psf2	18013
FBgn0259246	brp	21135	FBgn0033196	CG1358	1358
FBgn0261283	HLH106	37640	FBgn0011573	Cdc37	12019
FBgn0003425	sli	20210	FBgn0039117	tst	10210
FBgn0010315	CycD	105361	FBgn0031606	CG15439	15439
FBgn0260745	mfas	103621	FBgn0034936	CG2970	2970
FBgn0036150	Ir68a	108047	FBgn0011586	e(r)	1871
FBgn0029006	lack	24680	FBgn0035771	sec63	8583
FBgn0015614	CanB2	104370	FBgn0022288	I(2)09851	12792
FBgn0015544	spag	103353	FBgn0031361	CG17652	17652
FBgn0000536	eas	103784	FBgn0037360	CG2182	2182
FBgn0034179	CG6805	107728	FBgn0039115	CG10214	10214
FBgn0085386	CG34357	105185	FBgn0035622	CG10590	10590
FBgn0011283	Pbprp5	103254	FBgn0037880	CG17726	17726
FBgn0010909	msn	101517	FBgn0030572	mRpS25	14413
FBgn0028978	trbl	22113	FBgn0037146	CG7470	7470
FBgn0032666	CG5758	108061	FBgn0000964	tj	10034
FBgn0003139	PpV	101997	FBgn0035272	mRpL46	13922
FBgn0034950	Pask	107025	FBgn0031069	CG12703	12703
FBgn0032884	Pomp	100628	FBgn0038424	CG17565	17565
FBgn0052843	Dh31-R1	101995	FBgn0005410	sno	1903
FBgn0030384	CG2577	105471	FBgn0031047	CG14213	14213
FBgn0033052	SCAP	7317	FBgn0004636	R	1956
FBgn0086604	CG12484	104814	FBgn0042103	CG18746	18746
FBgn0014007	Ptp69D	104761	FBgn0039068	CG13827	13827
FBgn0024832	AP-50	103390	FBgn0028688	Rpn7	5378
FBgn0027504	CG8878	100985	FBgn0260935	ird1	9746
FBgn0035619	CG10592	104767	FBgn0039751	CG1983	1983
FBgn0039528	dsd	104368	FBgn0033191	CG1598	1598
FBgn0010403	Os-E	102252	FBgn0026056	Rlip	11622
FBgn0261261	plx	106969	FBgn0011710	Sep1	1403
FBgn0035089	Phk-3	106938	FBgn0030121	CG17446	17446
FBgn0031279	CG3544	105459	FBgn0039680	CAP-D2	1911
FBgn0261509	haf	101124	FBgn0032846	CG10721	10721
FBgn0260006	drd	103032	FBgn0035064	CG16912	16912
FBgn0261244	inaE	103713	FBgn0043799	CG31381	31381
FBgn0033159	Dscam	3115	FBgn0039116	CG10375	10375
FBgn0040375	CG13760	106483	FBgn0029791	CG4096	4096
FBgn0038952	CG7069	101116	FBgn0261479	nero	2245
FBgn0015331	abs	107031	FBgn0002783	mor	18740
FBgn0036448	mop	104860	FBgn0038678	mRpL55	14283
FBgn0261279	lqfR	103719	FBgn0037110	ORMDL	14577
FBgn0024290	Slob	100987	FBgn0035553	CG13722	13722
FBgn0036723	CG12229	101097	FBgn0038721	CG16718	16718

FBgn0000464	Lar	107996	FBgn0038964	Nop56	13849
FBgn0028341	l(1)G0232	104427	FBgn0029736	CG4041	4041
FBgn0029688	lva	106476	FBgn0028961	AlstR	2872
FBgn0035539	slow	106464	FBgn0035449	CG14971	14971
FBgn0000449	dib	101117	FBgn0000173	ben	18319
FBgn0010441	pll	103774	FBgn0002121	l(2)gl	2671
FBgn0045497	Gr22e	108056	FBgn0030582	CG14411	14411
FBgn0040056	CG17698	105884	FBgn0036546	elgi	17033
FBgn0026438	Eaat2	104371	FBgn0086680	vv1	10037
FBgn0040376	CG13759	107039	FBgn0024365	CG12773	12773
FBgn0039852	nyo	102187	FBgn0030218	CG1628	1628
FBgn0030795	ppk28	100946	FBgn0010240	Lcch3	17336
FBgn0052484	Sk2	101018	FBgn0004168	5-HT1A	16720
FBgn0083992	Mkp	104374	FBgn0004456	mew	1771
FBgn0031414	ey5	106942	FBgn0035741	BBS1	14825
FBgn0015399	kek1	101166	FBgn0020621	Pkn	2049
FBgn0039851	mey	106568	FBgn0261403	sxc	10392
FBgn0023083	fray	106919	FBgn0030289	CG1597	1597
FBgn0031696	Bub1	101096	FBgn0034401	CG15100	15100
FBgn0011817	nmo	104885	FBgn0019925	Surf4	6202
FBgn0003009	ord	105890	FBgn0011566	Bzd	13761
FBgn0032187	CG4839	100999	FBgn0024804	Dbp80	17023
FBgn0028360	l(1)G0148	104902	FBgn0038738	CG4572	4572
FBgn0035143	Ppm1	101257	FBgn0038427	ema	12753
FBgn0026255	clumsy	105870	FBgn0005592	btl	32134
FBgn0039916	CG9935	102351	FBgn0030122	CG16892	16892
FBgn0010379	Akt1	103703	FBgn0005626	ple	10118
FBgn0022029	l(2)k01209	106934	FBgn0037447	Neurochondrin	2330
FBgn0051097	CG31097	107652	FBgn0010435	emp	2727
FBgn0013763	CG5210	100906	FBgn0031356	CG17660	17660
FBgn0086361	alph	105483	FBgn0004373	fwd	7004
FBgn0031937	CG13795	102250	FBgn0028402	Sin	10582
FBgn0026323	Tak1	101357	FBgn0035205	CG2469	2469
FBgn0261688	Gyc76C	106525	FBgn0029763	CG4165	4165
FBgn0036187	CG11660	105395	FBgn0031457	CG3077	3077
FBgn0052056	scrambl	107024	FBgn0039639	CG14512	14512
FBgn0036862	CG9619	103044	FBgn0086442	mib2	17492
FBgn0035008	CG3494	102315	FBgn0037492	CG10050	10050
FBgn0030208	PPP4R2r	105399	FBgn0027599	CG2790	2790
FBgn0260003	Dys	106578	FBgn0030000	CG2260	2260
FBgn0031518	CG3277	108052	FBgn0037942	CG14721	14721
FBgn0024291	Sir2	105502	FBgn0261792	snRNP-U1-C	5454
FBgn0025682	scf	105422	FBgn0262872	milt	13777
FBgn0028410	Pk34A	101146	FBgn0033038	CG7791	7791
FBgn0026060	Mipp2	108018	FBgn0035528	CG15012	15012
FBgn0031044	MKP-4	104884	FBgn0027619	Adam	12131
FBgn0034136	DAT	106961	FBgn0051249	CG31249	31249
FBgn0013759	CASK	104793	FBgn0036359	CG14105	14105
FBgn0032640	Sgt	104320	FBgn0086446	l(2)37Ce	17347
FBgn0043841	vir-1	102534	FBgn0031149	CG1518	1518
FBgn0260933	rempA	103424	FBgn0002938	ninaC	5125

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FBgn0015380	drl	100039	FBgn0037490	CG10053	10053
FBgn0032006	Pvr	105353	FBgn0039205	CG13623	13623
FBgn0011829	Ret	107648	FBgn0021874	Nle	2863
FBgn0028644	beat-Ic	105066	FBgn0030365	Tango4	1796
FBgn0027515	CG7115	103354	FBgn0033324	CG14744	14744
FBgn0036553	CG17027	103270	FBgn0040066	wds	17437
FBgn0045038	Proct	102488	FBgn0039104	CG10252	10252
FBgn0260972	alc	104489	FBgn0015283	Pros54	7619
FBgn0003008	or	104019	FBgn0029995	CG2256	2256
FBgn0041087	wun2	103452	FBgn0003423	slgA	1417
FBgn0085413	CG34384	102481	FBgn0039282	Bili	11848
FBgn0051469	CG31469	102474	FBgn0039149	CG18428	18428
FBgn0031575	Cep97	103357	FBgn0024947	NTPase	3059
FBgn0051782	CG31782	100145	FBgn0040389	mRpL14	14048
FBgn0031936	CG13794	102583	FBgn0037926	Elp1	10535
FBgn0016930	smi35A	101376	FBgn0029975	CG1444	1444
FBgn0052373	CG32373	101586	FBgn0032381	Mal-B1	14934
FBgn0262603	sec8	105653	FBgn0035624	Eaf6	12756
FBgn0015803	rtGEF	105093	FBgn0029879	Apc7	14444
FBgn0040333	CG13762	101019	FBgn0260446	GABA-B-R1	15274
FBgn0026061	Mipp1	101634	FBgn0039774	CDase	1471
FBgn0086475	sec3	108085	FBgn0038454	CG10324	10324
FBgn0039421	CG6036	105568	FBgn0050291	CG30291	30291
FBgn0037218	aux	103426	FBgn0025684	CG15438	15438
FBgn0016126	CaMKI	101380	FBgn0039381	CG17370	17370
FBgn0038902	CG6800	104255	FBgn0030344	CG2025	2025
FBgn0035049	Mmp1	101505	FBgn0033431	CG1827	1827
FBgn0260750	CG31873	105621	FBgn0039126	CG13601	13601
FBgn0025821	I-t	105565	FBgn0031020	Nat1	12202
FBgn0026136	CklIbeta2	102633	FBgn0030336	CG1578	1578
FBgn0039909	CG1970	108068	FBgn0030573	nmdyn-D6	5310
FBgn0003366	sev	107048	FBgn0016977	spen	18497
FBgn0026196	nop5	105614	FBgn0050496	CG30496	30496
FBgn0013749	Arf102F	101456	FBgn0037543	CG10903	10903
FBgn0036896	wnd	103410	FBgn0032536	Ance-3	17988
FBgn0030245	CG1637	101368	FBgn0039189	CG18528	18528
FBgn0032916	CG9257	103425	FBgn0039867	CstF-50	2261
FBgn0034558	CG9236	101474	FBgn0035169	CG13890	13890
FBgn0027492	wdb	101406	FBgn0035518	CG15011	15011
FBgn0024734	PRL-1	107836	FBgn0017581	Lk6	17342
FBgn0262866	S6kII	101451	FBgn0039732	CG15525	15525
FBgn0038279	CG3837	105549	FBgn0042105	CG18748	18748
FBgn0045478	Gr64b	108278	FBgn0022246	Rpp30	11606
FBgn0038816	Lrrk	105630	FBgn0032955	CG2201	2201
FBgn0040388	boi	108265	FBgn0030484	CG1681	1681
FBgn0028429	I-2	101547	FBgn0028274	ns3	14788
FBgn0035445	CG12014	105970	FBgn0030037	CG12125	12125
FBgn0261401	Ir75c	101682	FBgn0031566	CG2818	2818
FBgn0261089	Sytalpa	100957	FBgn0039650	Mesh1	11900
FBgn0024814	Clc	106632	FBgn0027507	CG1344	1344



FBgn0003132	Pp1-13C	107770	FBgn0038463	CG3534	3534
FBgn0033615	CG7741	107799	FBgn0025117	und	4008
FBgn0263047	CG43342	101299	FBgn0035692	CG13298	13298
FBgn0030864	CG8173	105661	FBgn0037372	CG2091	2091
FBgn0014368	nol	103333	FBgn0037297	CG1116	1116
FBgn0022709	Adk1	104475	FBgn0039244	CG11069	11069
FBgn0032702	CG10376	101335	FBgn0040319	Gclc	2259
FBgn0034789	PIP5K59B	108104	FBgn0031836	CG11050	11050
FBgn0025702	srpk79D	102632	FBgn0086909	CG31751	31751
FBgn0037315	Cerk	101550	FBgn0030411	CG2540	2540
FBgn0028401	Snap24	108209	FBgn0033005	CG3107	3107
FBgn0002719	Men	104016	FBgn0001259	in	16993
FBgn0024319	Nach	106647	FBgn0039790	CG2246	2246
FBgn0035167	Gr61a	106007	FBgn0039259	CG11781	11781
FBgn0051673	CG31673	101618	FBgn0005278	Sam-S	2674
FBgn0086911	rg	107056	FBgn0030177	CG2972	2972
FBgn0037788	CG3940	108233	FBgn0030306	Spase25	1751
FBgn0040505	Alk	107083	FBgn0028480	CG17841	17841
FBgn0052568	CG32568	103317	FBgn0035811	CG12262	12262
FBgn0030761	CG9784	108075	FBgn0037363	CG1347	1347
FBgn0262516	trpml	108088	FBgn0029820	CG16721	16721
FBgn0005564	Shal	103363	FBgn0032873	CG2614	2614
FBgn0037491	CG1227	105610	FBgn0262124	uex	40084
FBgn0261988	Gprk2	101463	FBgn0033454	CG1671	1671
FBgn0025455	CycT	103387	FBgn0026086	Adar	12598
FBgn0033079	Fmo-2	101452	FBgn0053096	CG33096	33096
FBgn0004369	Ptp99A	103457	FBgn0036909	CG15881	15881
FBgn0035371	CG9977	106749	FBgn0032536	Ance-3	17988
FBgn0020496	CtBP	107313	FBgn0087013	Karybeta3	1059
FBgn0250871	pot	105189	FBgn0039050	CG17110	17110
FBgn0041231	Gr68a	105720	FBgn0013811	Dhc62B	15804
FBgn0085414	dpr12	106788	FBgn0034387	Cyp12b2	15077
FBgn0011300	babo	106092	FBgn0033744	CG12370	12370
FBgn0024245	dnt	106056	FBgn0031619	CG3355	3355
FBgn0039928	cals	105111	FBgn0035909	ergic53	6822
FBgn0040285	Scamp	106761	FBgn0033904	CG18327	18327
FBgn0026371	SAK	105102	FBgn0260799	p120ctn	17484
FBgn0004055	uzip	104208	FBgn0037377	CG1218	1218
FBgn0028379	fan	106149	FBgn0037472	CG10098	10098
FBgn0036160	CG12289	105685	FBgn0040235	c12.1	12135
FBgn0016059	Sema-1b	107233	FBgn0032729	CG10639	10639
FBgn0034367	sec6	105836	FBgn0033609	fbl6	13213
FBgn0040377	Vha36-3	104048	FBgn0004657	mys	1560
FBgn0040297	Nhe2	106053	FBgn0039188	Golgin84	17785
FBgn0086899	tlk	105732	FBgn0029712	CG15912	15912
FBgn0004907	14-3-3zeta	104496	FBgn0035150	Rev1	12189
FBgn0052036	CG32036	106434	FBgn0020497	emb	13387
FBgn0034730	ppk12	105131	FBgn0037241	CG14646	14646
FBgn0032915	CG12050	103935	FBgn0050342	Prp38	30342
FBgn0004654	Pgd	100269	FBgn0030611	CG15027	15027
FBgn0262617	CG43143	106088	FBgn0034299	CG5757	5757

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FBgn0039048	CG17111	107290	FBgn0001235	hth	17117
FBgn0000723	Fps85D	107266	FBgn0037084	Syx6	7736
FBgn0260964	Vmat	104072	FBgn0033883	CG16935	16935
FBgn0039132	AP-1sigma	107322	FBgn0262127	kibra	33967
FBgn0004959	phm	108359	FBgn0003651	svp	11502
FBgn0039254	Nmnat	107262	FBgn0066101	LpR1	31094
FBgn0045479	Gr64a	103342	FBgn0031033	CG14219	14219
FBgn0035107	mri	101345	FBgn0020369	Pros45	1489
FBgn0022338	dnk	103385	FBgn0030678	CG11679	11679
FBgn0022708	Adk2	107326	FBgn0036643	Syx8	4109
FBgn0086736	GckIII	107158	FBgn0039188	Golgin84	17785
FBgn0031634	Ir25a	106731	FBgn0034389	Mctp	15078
FBgn0036875	CG9449	102991	FBgn0039654	Brd8	14514
FBgn0025640	CG13369	100747	FBgn0031611	CG17840	17840
FBgn0015765	Mpk2	102484	FBgn0037135	CG7414	7414
FBgn0032673	CG7180	102397	FBgn0035374	mRpS35	2101
FBgn0016696	Pitslre	107303	FBgn0038662	CG14290	14290
FBgn0085390	Dgk	105753	FBgn0028476	CG15817	15817
FBgn0004842	NepYr	103973	FBgn0031858	CG17378	17378
FBgn0030661	CG8105	104510	FBgn0035236	CG12004	12004
FBgn0031643	CG3008	103828	FBgn0035165	CG13887	13887
FBgn0036552	CG17028	100100	FBgn0031170	CG1718	1718
FBgn0038446	CG14903	105752	FBgn0046214	vig2	11844
FBgn0030976	CG7378	106098	FBgn0025701	CG14709	14709
FBgn0017558	Pdk	106641	FBgn0261862	whd	12891
FBgn0005536	Mbs	105762	FBgn0042134	Capr	18811
FBgn0033021	CG10417	106180	FBgn0032054	CG13090	13090
FBgn0003731	Egfr	107130	FBgn0025637	skpA	16983
FBgn0026370	SRPK	103416	FBgn0033775	Cyp9h1	17577
FBgn0028997	nmdyn-D7	105161	FBgn0036210	CG14130	14130
FBgn0035620	CG5150	102646	FBgn0003277	RpII215	1554
FBgn0028689	Rpn6	103942	FBgn0019686	lok	10895
FBgn0010355	Taf1	106119	FBgn0250814	CG4169	4169
FBgn0010269	Dsor1	107276	FBgn0052703	CG32703	32703
FBgn0263237	Cdk7	103413	FBgn0025936	Eph	1511
FBgn0003744	trc	107923	FBgn0045866	bai	11785
FBgn0025642	CG32812	104081	FBgn0001084	fy	13396
FBgn0038903	RpI12	105758	FBgn0261278	grp	17161
FBgn0032910	CG9265	102456	FBgn0010341	Cdc42	12530
FBgn0019948	Phm	104028	FBgn0038167	lkb1	9374
FBgn0086372	lap	105767	FBgn0038814	CG15923	15923
FBgn0062449	CG13197	105122	FBgn0013987	MAPk-Ak2	3086
FBgn0004107	cdc2c	104959	FBgn0032242	CG5355	5355
FBgn0020261	pcm	105739	FBgn0019624	CoVa	14724
FBgn0015295	shark	105706	FBgn0029941	CG1677	1677
FBgn0030697	CG8565	100449	FBgn0039849	CG11334	11334
FBgn0261285	Ppcs	103831	FBgn0032216	CG5384	5384
FBgn0035039	CG3608	106695	FBgn0032701	CG10341	10341
FBgn0038856	sec15	105126	FBgn0032690	CG10333	10333
FBgn0037341	CG12746	104989	FBgn0022344	CG10340	10340

FBgn0032752	CG10702	100842	FBgn0015558	tty	1693
FBgn0039083	CG10177	107848	FBgn0026760	Tehao	7121
FBgn0004106	cdc2	106130	FBgn0002044	swm	10084
FBgn0052666	Drak	107263	FBgn0036317	CG10948	10948
FBgn0031381	Npc2a	106771	FBgn0037215	CG12582	12582
FBgn0011770	Gip	105750	FBgn0033526	Caf1-105	12892
FBgn0037950	HisCl1	104966	FBgn0041342	Cct1	1049
FBgn0039675	ppk21	107892	FBgn0016756	Ubp64E	5486
FBgn0003716	tkv	105834	FBgn0000499	dsh	18361
FBgn0005778	PpD5	104452	FBgn0031260	Spp	11840
FBgn0035445	CG12014	13990	FBgn0062442	CG1458	1458
FBgn0027783	SMC2	10212	FBgn0010357	betaTry	18211
FBgn0028687	Rpt1	1341	FBgn0025391	Scgdelta	14808
FBgn0011708	Syx5	4214	FBgn0023175	Prosalph7	1519
FBgn0026400	Noa36	10009	FBgn0035245	GC	13927
FBgn0000318	cl	11024	FBgn0031043	CG14222	14222
FBgn0004179	Csp	6395	FBgn0030407	CG2543	2543
FBgn0033812	pex13	4663	FBgn0037383	CG2023	2023
FBgn0036813	Aut1	6877	FBgn0039734	Tace	7908
FBgn0032210	CYLD	5603	FBgn0002891	mus205	1925
FBgn0029761	SK	10706	FBgn0051368	CG31368	31368
FBgn0263198	Acn	10473	FBgn0031897	CG13784	13784
FBgn0034500	CG11200	11200	FBgn0033656	S2P	8988
FBgn0036918	CG7770	7770	FBgn0031397	CG15385	15385
FBgn0010583	dock	3727	FBgn0037327	PEK	2087
FBgn0038088	CG10126	10126	FBgn0029594	CG14806	14806
FBgn0034479	CG8654	8654	FBgn0033661	CG13185	13185
FBgn0033452	CG1599	1599	FBgn0030701	CG16952	16952
FBgn0261243	Psa	1009	FBgn0039855	CG1638	1638
FBgn0002638	Bj1	10480	FBgn0033428	Updo	1818
FBgn0034427	CG10474	10474	FBgn0039235	CG10899	10899
FBgn0011715	Snr1	1064	FBgn0024728	Slip1	1783
FBgn0035517	CG1265	1265	FBgn0030889	CG15373	15373
FBgn0050389	CG30389	30389	FBgn0025549	unc-119	1659
FBgn0035290	CG1887	1887	FBgn0027780	U26	13401
FBgn0004868	Gdi	4422	FBgn0002021	l(2)37Bb	10655
FBgn0261274	Ero1L	1333	FBgn0033500	CG12913	12913
FBgn0011692	pav	1258	FBgn0023514	CG14805	14805
FBgn0002022	Catsup	10449	FBgn0032382	Mal-B2	14935
FBgn0027562	CG10345	10345	FBgn0033523	CG12895	12895
FBgn0039094	CG10184	10184	FBgn0053156	CG33156	33156
FBgn0033890	Ctf4	13350	FBgn0038595	CG7142	7142
FBgn0034451	CG11242	11242	FBgn0032295	CG12299	12299
FBgn0035436	CG12016	12016	FBgn0039093	CG10183	10183
FBgn0000535	eag	10952	FBgn0036537	CG18081	18081
FBgn0035603	CG10635	10635	FBgn0000147	aur	3068
FBgn0034382	CG18609	18609	FBgn0033610	CG18335	18335
FBgn0035501	CG1299	1299	FBgn0037660	CG18005	18005
FBgn0027552	CG10863	10863	FBgn0028658	adat	16889
FBgn0027615	CG6404	6404	FBgn0039869	CG1890	1890
FBgn0034307	CG10914	10914	FBgn0033853	CG6145	6145

FBgn0037377	CG1218	1218	FBgn0003321	sbr	1664
FBgn0038720	CG6231	6231	FBgn0032724	CG10428	10428
FBgn0052262	CG32262	32262	FBgn0039135	CG13603	13603
FBgn0034654	CG10306	10306	FBgn0038135	CG8773	8773
FBgn0033886	CG13349	13349	FBgn0026777	Rad23	1836
FBgn0034688	CG11474	11474	FBgn0023535	arg	18104
FBgn0000330	cm	3035	FBgn0030151	CG1354	1354
FBgn0033246	ACC	11198	FBgn0004360	Wnt2	1916
FBgn0032444	CG5525	5525	FBgn0036336	ste14	11268
FBgn0037051	CG10565	10565	FBgn0051619	CG31619	31619
FBgn0052250	CG32250	32250	FBgn0035679	CG10467	10467
FBgn0041194	Prat2	10078	FBgn0027872	rdgBbeta	17818
FBgn0037777	CG11722	11722	FBgn0027083	Aats-met	31322
FBgn0043012	AP-2sigma	6056	FBgn0000316	cin	2945
FBgn0025680	cry	3772	FBgn0036286	CG10616	10616
FBgn0262476	CG43066	5226	FBgn0032052	CG13089	13089
FBgn0036919	Grasp65	7809	FBgn0003204	ras	1799
FBgn0003731	Egfr	10079	FBgn0033540	Elp2	11887
FBgn0011764	Dsp1	12223	FBgn0023181	Orc4	2917
FBgn0038195	CG3061	3061	FBgn0052944	CG32944	32944
FBgn0020766	Aats-phe	13348	FBgn0034858	eIF2B-delta	10315
FBgn0034611	CG10069	10069	FBgn0035141	Cypl	13892
FBgn0035476	CG12766	12766	FBgn0038453	CG10326	10326
FBgn0004587	B52	10851	FBgn0037108	CG11306	11306
FBgn0038923	mRpL35	13410	FBgn0032744	CG15173	15173
FBgn0036702	CG6512	6512	FBgn0030063	CG1789	1789
FBgn0015790	Rab11	5771	FBgn0037312	CG11999	11999
FBgn0034732	CG3701	3701	FBgn0033507	CG12909	12909
FBgn0004057	Zw	12529	FBgn0261882	l(2)35Bc	4103
FBgn0037882	CG17187	17187	FBgn0033451	CG1665	1665
FBgn0086657	ik2	2615	FBgn0039637	CG11880	11880
FBgn0033962	CG10153	10153	FBgn0031107	HERC2	11734
FBgn0010709	Atg6	5429	FBgn0010265	RpS13	13389
FBgn0036341	Syx13	11278	FBgn0031263	CG2789	2789
FBgn0024980	Syx4	2715	FBgn0039172	Spase22-23	5677
FBgn0261574	kug	7749	FBgn0050062	CG30062	30062
FBgn0037765	CG9458	9458	FBgn0004390	Gap1	6721
FBgn0003716	tkv	14026	FBgn0026876	CG11403	11403
FBgn0036505	CG7945	7945	FBgn0031116	CG1695	1695
FBgn0003654	sw	18000	FBgn0031659	CG14043	14043
FBgn0038617	CG12333	12333	FBgn0004573	5-HT7	12073
FBgn0053208	Mical	33208	FBgn0024289	Sodh-1	1982
FBgn0034649	CG9865	9865	FBgn0030362	regucalcin	1803
FBgn0262907	rdx	12537	FBgn0001085	fz	17697
FBgn0003896	tup	10619	FBgn0040228	dyn-p25	10846
FBgn0087005	rtp	10233	FBgn0029067	l(1)G0269	1696
FBgn0038542	CG7431	7431	FBgn0030687	CG17209	17209
FBgn0035462	CG1120	1120	FBgn0003429	slo	10693
FBgn0020503	CLIP-190	5020	FBgn0040347	mus81	3026
FBgn0027558	pgant3	4445	FBgn0033259	CG11210	11210
FBgn0043458	CG12084	12084	FBgn0015032	Cyp4c3	1438

FBgn0034392	CG15094	15094	FBgn0035122	mRpL17	13880
FBgn0003731	Egfr	10079	FBgn0036277	CG10418	10418
FBgn0038641	CG7708	7708	FBgn0000578	ena	15112
FBgn0030366	Usp7	1490	FBgn0037713	CG16790	16790
FBgn0033996	CG11807	11807	FBgn0033905	CG18324	18324
FBgn0035526	CG1316	1316	FBgn0027580	CG1516	1516
FBgn0004379	Klp67A	10923	FBgn0261642	mbl	33197
FBgn0011742	Arp14D	9901	FBgn0035321	CG1275	1275
FBgn0034697	GM130	11061	FBgn0030479	Rbp1-like	1987
FBgn0050035	Tret1-1	30035	FBgn0040259	Ugt86Da	18578
FBgn0001624	dlg1	1725	FBgn0031868	Rat1	10354
FBgn0036043	CG8177	8177	FBgn0039620	CG1443	1443
FBgn0028341	l(1)G0232	32697	FBgn0030457	CG12096	12096
FBgn0262907	rdx	12537	FBgn0262126	gho	10882
FBgn0028434	Ercc1	10215	FBgn0030403	CG1824	1824
FBgn0023388	Dap160	1099	FBgn0005648	Pabp2	2163
FBgn0004167	kst	12008	FBgn0034410	Topors	15104
FBgn0037391	CG2017	2017	FBgn0039110	RanBP3	10225
FBgn0035060	Eps-15	16932	FBgn0011725	twin	31137
FBgn0011286	Rya-r44F	10844	FBgn0035411	Girdin	12734
FBgn0046296	CG11534	11534	FBgn0034176	ste24a	9000
FBgn0011224	heph	31000	FBgn0030327	FucT6	2448
FBgn0032782	Rab9	9994	FBgn0039844	CG1607	1607
FBgn0031853	TLL3B	11201	FBgn0038531	CG14325	14325
FBgn0261574	kug	7749	FBgn0033665	CG13189	13189
FBgn0020496	CtBP	7583	FBgn0039300	RpS27	10423
FBgn0035969	CG4476	4476	FBgn0031544	CG17593	17593
FBgn0010709	Atg6	5429	FBgn0263113	CG43370	18631
FBgn0000044	Act57B	10067	FBgn0030778	CG4678	4678
FBgn0001319	kn	10197	FBgn0010329	Tbh	1543
FBgn0028411	Nxt1	12752	FBgn0262127	kibra	33967
FBgn0034356	CG10924	10924	FBgn0037369	CG2100	2100
FBgn0034882	CG5398	5398	FBgn0035416	gry	17569
FBgn0013770	Cp1	6692	FBgn0023179	amon	6438
FBgn0000405	CycB	3510	FBgn0025825	Hdac3	2128
FBgn0036257	RhoGAP68F	6811	FBgn0020764	Alas	3017
FBgn0032782	Rab9	9994	FBgn0050077	blos1	30077
FBgn0000346	comt	1618	FBgn0030529	Clic	10997
FBgn0039296	CG10420	10420	FBgn0052473	CG32473	32473
FBgn0052054	CG32054	32054	FBgn0050011	gem	30011
FBgn0036813	Aut1	6877	FBgn0037653	CG11982	11982
FBgn0019938	RpI1	10122	FBgn0260780	wisp	15737
FBgn0032782	Rab9	9994	FBgn0024973	CG2701	2701
FBgn0040334	Tsp3A	10742	FBgn0030739	CG13957	13957
FBgn0000319	Chc	9012	FBgn0031186	CG14614	14614
FBgn0033958	CG12858	12858	FBgn0030506	Lig4	12176
FBgn0052263	CG32263	32263	FBgn0026879	CG13364	13364
FBgn0027505	rab3-GAP	7061	FBgn0036462	mRpL39	17166
FBgn0260945	Atg1	10967	FBgn0010548	Aldh-III	11140
FBgn0010709	Atg6	5429	FBgn0038428	CG14894	14894
FBgn0003716	tkv	14026	FBgn0024294	Spn43Aa	12172

FBgn0011739	wts	12072	FBgn0039831	CG12054	12054
FBgn0000319	Chc	9012	FBgn0028436	ECSIT	10610
FBgn0034045	CG8249	8249	FBgn0262169	magu	2264
FBgn0037707	RnpS1	16788	FBgn0045759	bin	18647
FBgn0038716	CG7342	7342	FBgn0033474	CG1407	1407
FBgn0034231	Apc10	11419	FBgn0000409	Cyt-c-p	17903
FBgn0014010	Rab5	3664	FBgn0004374	neb	10718
FBgn0263110	CG43367	1332	FBgn0037432	CG10298	10298
FBgn0033538	CG11883	11883	FBgn0052451	SPoCk	32451
FBgn0015790	Rab11	5771	FBgn0013972	Gycalpa99B	1912
FBgn0039227	polybromo	11375	FBgn0036789	AICR2	13702
FBgn0032782	Rab9	9994	FBgn0035489	Rcd5	1135
FBgn0029664	CG10802	10802	FBgn0004380	Klp64D	10642
FBgn0038715	CG7333	7333	FBgn0261394	Pros29	9327
FBgn0026259	eIF5B	10840	FBgn0016919	nompB	12548
FBgn0034539	CG11159	11159	FBgn0034567	CG15651	15651
FBgn0029943	Atg5	1643	FBgn0050349	CG30349	30349
FBgn0036671	CG9951	9951	FBgn0036338	CG11253	11253
FBgn0034368	CG5482	5482	FBgn0040629	CG18673	18673
FBgn0003256	rl	12559	FBgn0050104	CG30104	30104
FBgn0004885	tok	6863	FBgn0039936	CG11148	11148
FBgn0034383	CG17821	17821	FBgn0033316	CG14749	14749
FBgn0263251	vnc	11989	FBgn0035577	CG13708	13708
FBgn0041147	ida	10850	FBgn0031500	CG17221	17221
FBgn0032393	CG12264	12264	FBgn0052808	CG32808	32808
FBgn0039702	Vps16B	18112	FBgn0029858	CG15896	15896
FBgn0027594	drpr	2086	FBgn0033556	CG12343	12343
FBgn0034883	CG17664	17664	FBgn0025800	Smox	2262
FBgn0035483	CG1134	1134	FBgn0039091	CG10182	10182
FBgn0034535	CG11110	11110	FBgn0052155	CG32155	32155
FBgn0034109	CG7747	7747	FBgn0029976	snz	1514
FBgn0030086	CG7033	7033	FBgn0035704	CG10144	10144
FBgn0035944	CG5021	5021	FBgn0038437	CG14898	14898
FBgn0019960	CG6455	6455	FBgn0037659	Kdm2	11033
FBgn0003475	spir	10076	FBgn0260858	Ykt6	1515
FBgn0002023	Lim3	10699	FBgn0046704	Liprin-alpha	11199
FBgn0034381	List	15088	FBgn0031716	CG14015	14015
FBgn0037764	CG9459	9459	FBgn0051040	Cog7	31040
FBgn0004370	Ptp10D	1817	FBgn0026741	mRpL18	12373
FBgn0034481	CG11041	11041	FBgn0031231	mRpL10	11488
FBgn0003256	rl	12559	FBgn0030329	prtp	1837
FBgn0038690	CG11703	11703	FBgn0030321	CG1703	1703
FBgn0086356	tum	13345	FBgn0035640	mad2	17498
FBgn0021760	chb	32435	FBgn0050372	CG30372	30372
FBgn0036415	CG7768	7768	FBgn0024998	CG2685	2685
FBgn0031256	CG4164	4164	FBgn0037045	CG10584	10584
FBgn0033882	CG13343	13343	FBgn0037465	CG1105	1105
FBgn0003206	Ras64B	1167	FBgn0040337	CG3021	3021
FBgn0015797	Rab6	6601	FBgn0015282	Pros26.4	5289
FBgn0033089	CG17266	17266	FBgn0032644	CG5131	5131
FBgn0038590	CG12320	12320	FBgn0051232	koko	31232

FBgn0035392	CG1271	1271	FBgn0260936	scny	5505
FBgn0038539	Atg8b	12334	FBgn0031537	sec5	8843
FBgn0036671	CG9951	9951	FBgn0025109	Bem46	18642
FBgn0033933	CG10104	10104	FBgn0033169	CG11123	11123
FBgn0031720	CG14013	14013	FBgn0012051	CalpA	7563
FBgn0036207	CG10907	10907	FBgn0010222	Nmdmc	18466
FBgn0030230	Rph	11556	FBgn0034661	CG4386	4386
FBgn0000166	bcd	1034	FBgn0030349	CG10353	10353
FBgn0035520	CG11586	11586	FBgn0039212	Syx18	13626
FBgn0035090	CG2736	2736	FBgn0032595	CG17996	17996
FBgn0034885	CG4019	4019	FBgn0050390	Sgf29	30390
FBgn0261041	stj	12295	FBgn0050499	CG30499	30499
FBgn0013751	Awh	1072	FBgn0040964	CG18661	18661
FBgn0052053	CG32053	32053	FBgn0003517	sta	14792
FBgn0032618	CG31743	31743	FBgn0039084	CG10175	10175
FBgn0033342	CG8258	8258	FBgn0026749	Yippee	1989
FBgn0250789	alpha-Spec	1977	FBgn0030522	CG11103	11103
FBgn0020440	Fak56D	10023	FBgn0034367	sec6	5341
FBgn0029688	lva	6450	FBgn0023023	CRMP	1411
FBgn0034722	Rtf1	10955	FBgn0030276	Dlic	1938
FBgn0039212	Syx18	13626	FBgn0260944	Rbp1	17136
FBgn0003256	rl	12559	FBgn0031473	CG3104	3104
FBgn0086377	Syx7	5081	FBgn0261953	AP-2	7807
FBgn0038718	CG17752	17752	FBgn0010638	Sec61beta	10130
FBgn0033830	CG10814	10814	FBgn0015520	nonA-1	10328
FBgn0019650	toy	11186	FBgn0040309	Jafrac1	1633
FBgn0033527	CG11777	11777	FBgn0027548	nito	2910
FBgn0037930	CG14715	14715	FBgn0030183	CG15309	15309
FBgn0001233	Hsp83	1242	FBgn0003141	pr	16784
FBgn0034487	CG11048	11048	FBgn0031099	CG17065	17065
FBgn0014010	Rab5	3664	FBgn0035348	CG16758	16758
FBgn0030377	CG1924	1924	FBgn0033714	garz	8487
FBgn0259979	CG17337	17337	FBgn0033473	CG12128	12128
FBgn0034612	CG10505	10505	FBgn0033170	sPLA2	11124
FBgn0016070	smg	5263	FBgn0036999	CG5976	5976
FBgn0035815	Snmp2	7422	FBgn0042138	CG18815	18815
FBgn0030990	CG7556	7556	FBgn0032821	CdGAPr	10538
FBgn0038740	CG4562	4562	FBgn0039634	CG11874	11874
FBgn0035027	CG3511	3511	FBgn0050268	CG30268	30268
FBgn0038719	CG16727	16727	FBgn0000320	eya	9554
FBgn0004242	Syt1	3139	FBgn0035581	CG17150	17150
FBgn0053696	CG33696	33696	FBgn0039272	CG11836	11836
FBgn0001258	ImpL3	10160	FBgn0033557	CG12325	12325
FBgn0029819	CG3016	3016	FBgn0037262	MED31	1057
FBgn0010235	Klc	5433	FBgn0024891	ferrochelatase	2098
FBgn0040805	CG12355	12355	FBgn0039691	CG1972	1972
FBgn0010235	Klc	5433	FBgn0031048	CG12237	12237
FBgn0038796	CG10881	10881	FBgn0001247	Ide	5517
FBgn0026318	Traf6	10961	FBgn0034402	CG15084	15084
FBgn0052226	CG32226	32226	FBgn0033162	CG1707	1707
FBgn0034156	CG5348	5348	FBgn0019925	Surf4	6202

FBgn0263106	DnaJ-1	10578	FBgn0026565	CG1315	1315
FBgn0020269	mspo	10145	FBgn0262166	calypso	8445
FBgn0036571	CG12272	12272	FBgn0030311	CG11699	11699
FBgn0004638	drk	6033	FBgn0037061	CG12975	12975
FBgn0033899	CG13016	13016	FBgn0029118	Suchb	10622
FBgn0013948	Eip93F	18389	FBgn0034877	levy	17280
FBgn0038938	CG7084	7084	FBgn0028292	ric8a	15797
FBgn0000028	acj6	9151	FBgn0037356	CG12170	12170
FBgn0024371	E2f2	1071	FBgn0033524	Cyp49a1	18377
FBgn0033326	CG14743	14743	FBgn0035909	ergic53	6822
FBgn0031074	skpE	11942	FBgn0037037	CG10588	10588
FBgn0011760	ctp	6998	FBgn0032168	CG13126	13126
FBgn0038414	CG6901	6901	FBgn0033216	CG1946	1946
FBgn0036671	CG9951	9951	FBgn0024836	stan	11895
FBgn0034577	cpa	10540	FBgn0010382	CycE	3938
FBgn0034956	CG4324	4324	FBgn0030178	CG2974	2974
FBgn0038828	CG17270	17270	FBgn0033916	CG8494	8494
FBgn0039588	CG12413	12413	FBgn0023537	CG17896	17896
FBgn0014455	Ahcy13	11654	FBgn0036309	Hip1	10971
FBgn0036536	CG12713	12713	FBgn0003742	tra2	10128
FBgn0011230	poe	14472	FBgn0036889	CG14100	14100
FBgn0036461	CG10006	10006	FBgn0041775	tral	10686
FBgn0034636	CG10440	10440	FBgn0039407	CG14544	14544
FBgn0036255	Atg12	10861	FBgn0037236	CG9772	9772
FBgn0036580	PDCD-5	13072	FBgn0261881	l(2)35Be	4140
FBgn0034626	CG10795	10795	FBgn0035232	CG12099	12099
FBgn0032451	spict	12292	FBgn0010282	TfIIIFalpha	10281
FBgn0035397	CG11486	11486	FBgn0032731	CG10641	10641
FBgn0003301	rut	9533	FBgn0032378	CycY	14939
FBgn0034168	CG15614	15614	FBgn0039966	Rab21	17515
FBgn0002787	Mov34	3416	FBgn0042125	CG18787	18787
FBgn0034665	CG4372	4372	FBgn0039669	CG2014	2014
FBgn0261574	kug	7749	FBgn0027936	vih	10682
FBgn0011648	Mad	12399	FBgn0035473	mge	14981
FBgn0035519	CG1309	1309	FBgn0262115	CG17683	17683
FBgn0034494	CG10444	10444	FBgn0033187	CG2144	2144
FBgn0033495	CG12214	12214	FBgn0037473	CG10068	10068
FBgn0034959	CG11388	11388	FBgn0033784	CG13322	13322
FBgn0003256	rl	12559	FBgn0051184	LSm3	31184
FBgn0004167	kst	12008	FBgn0043362	bchs	14001
FBgn0000482	dor	3093	FBgn0010352	Nc73EF	11661
FBgn0026175	skpC	11941	FBgn0033836	CG18278	18278
FBgn0026174	skpD	12700	FBgn0039727	CG15523	15523
FBgn0025595	GRHR	11325	FBgn0031021	CG12203	12203
FBgn0038201	CG9918	9918	FBgn0039170	CG13609	13609
FBgn0034247	CG6484	6484	FBgn0000150	awd	2210
FBgn0036671	CG9951	9951	FBgn0086475	sec3	3885
FBgn0031697	CG14024	14024	FBgn0030683	CG8239	8239
FBgn0027594	drpr	2086	FBgn0010303	hep	4353
FBgn0002284	Pros26	4097	FBgn0031865	Nha1	10806
FBgn0036099	CG11811	11811	FBgn0000320	eya	9554



FBgn0035091	CG3829	3829	FBgn0050122	CG30122	30122
FBgn0000479	dnc	32498	FBgn0020412	JIL-1	6297
FBgn0039702	Vps16B	18112	FBgn0038960	CG13855	13855
FBgn0030141	Gga	3002	FBgn0038438	Der-2	14899
FBgn0050051	CG30051	30051	FBgn0029665	CG14270	14270
FBgn0039830	CG1746	1746	FBgn0039304	CG10425	10425
FBgn0023477	Tal	2827	FBgn0086707	ncm	12750
FBgn0042098	CG18735	18735	FBgn0032144	CG17633	17633
FBgn0031377	CG15356	15356	FBgn0027279	l(1)G0196	14616
FBgn0000394	cv	12410	FBgn0036962	CG17122	17122
FBgn0003638	su(w[a])	3019	FBgn0036271	Pbgs	10335
FBgn0032822	CG10466	10466	FBgn0039159	mRpS24	13608
FBgn0051352	Unc-115a	31352	FBgn0033744	CG12370	12370
FBgn0031161	CG15445	15445	FBgn0015527	pen	1685
FBgn0259482	Mob3	4946	FBgn0031851	CG11188	11188
FBgn0015737	Hmu	3373	FBgn0036511	CG6498	6498
FBgn0038818	Nep4	4058	FBgn0026787	Nhe1	12178
FBgn0036615	CG4933	4933	FBgn0032790	CG10194	10194
FBgn0039280	Mocs2	10238	FBgn0038397	CG10185	10185
FBgn0035335	mRpL23	1320	FBgn0031682	CG5828	5828
FBgn0033571	Rpb5	11979	FBgn0260990	yata	1973
FBgn0000109	Aprt	18315	FBgn0010504	kermit	11546
FBgn0014366	noi	2925	FBgn0033209	CG12107	12107
FBgn0027493	CG17273	17273	FBgn0034372	Gint3	5469
FBgn0261593	RpS10b	14206	FBgn0260441	RpS12	11271
FBgn0011327	Uch-L3	3431	FBgn0002791	mr	3060
FBgn0019936	RpS20	15693	FBgn0038321	CG6218	6218
FBgn0030364	CG15735	15735	FBgn0004838	Hrb27C	10377
FBgn0029105	alpha-catenin-rel	2987	FBgn0022786	Hira	12153
FBgn0040628	CG18672	18672	FBgn0003137	Ppn	33103
FBgn0010399	Nmdar1	2902	FBgn0015770	MstProx	1149
FBgn0035164	CG13901	13901	FBgn0030482	CG1673	1673
FBgn0030669	CG9240	9240	FBgn0051251	CG31251	31251
FBgn0029801	CG15771	15771	FBgn0029134	Prosbeta5	12323
FBgn0031061	CG14232	14232	FBgn0035146	CG13893	13893
FBgn0037153	olf413	12673	FBgn0033203	CG2070	2070
FBgn0260743	CG18347	18347	FBgn0030480	Tim9a	1660
FBgn0032816	Nf-YB	10447	FBgn0037359	MED27	1245
FBgn0036219	CG14127	14127	FBgn0031636	CG12194	12194
FBgn0031753	CG13999	13999	FBgn0033710	CG17739	17739
FBgn0035638	Tektin-C	10541	FBgn0035588	CG10672	10672
FBgn0035228	CG12091	12091	FBgn0036028	CG16717	16717
FBgn0039092	CG16723	16723	FBgn0016697	Prosalph5	10938
FBgn0050423	CG30423	30423	FBgn0037683	CG18473	18473
FBgn0034389	Mctp	15078	FBgn0037466	CG1965	1965
FBgn0030109	CG12121	12121	FBgn0040696	CG18675	18675
FBgn0014869	Pglym78	1721	FBgn0031601	Dim1	3058
FBgn0039920	CG11360	11360	FBgn0033054	CG14591	14591
FBgn0263076	Klp54D	15844	FBgn0032465	CG12404	12404
FBgn0039052	CG6733	6733	FBgn0031604	Elp3	15433
FBgn0034052	CG8299	8299	FBgn0011774	Irbp	5247

FBgn0036514	CG12301	12301	FBgn0037478	CG2656	2656
FBgn0000043	Act42A	12051	FBgn0031068	Alr	12534
FBgn0031119	CG1812	1812	FBgn0033457	CG1675	1675
FBgn0263234	Phae1	16996	FBgn0034876	wmd	3957
FBgn0027788	Hey	11194	FBgn0038541	TyrRII	16766
FBgn0053094	Synd	33094	FBgn0039854	CG1635	1635
FBgn0039770	CG15537	15537	FBgn0010774	Aly	1101
FBgn0050410	CG30410	30410	FBgn0035432	ZnT63C	17723
FBgn0039668	Trc8	2304	FBgn0034792	CG3499	3499
FBgn0086785	Vps36	10711	FBgn0037050	CG10566	10566
FBgn0040705	CG15434	15434	FBgn0036847	CG11577	11577
FBgn0025608	Faf	10372	FBgn0020378	Sp1	1343
FBgn0037517	CG10086	10086	FBgn0037299	CG1115	1115
FBgn0039274	CG11920	11920	FBgn0024196	robl	10751
FBgn0031359	CG18317	18317	FBgn0023527	CG3071	3071
FBgn0004435	Galpha49B	17759	FBgn0023528	CG2924	2924
FBgn0037898	CG18643	18643	FBgn0034372	Gint3	5469
FBgn0037643	skap	11963	FBgn0035149	MED30	17183
FBgn0035500	ens	14998	FBgn0050290	Ppcdc	30290
FBgn0050441	CG30441	30441	FBgn0037293	CG12007	12007
FBgn0035265	CG18173	18173	FBgn0025111	Ant2	1683
FBgn0030576	CG15890	15890	FBgn0033401	CG1968	1968
FBgn0051005	qlless	31005	FBgn0035398	Cht7	1869
FBgn0261535	l(2)34Fd	7516	FBgn0015829	TfIIbeta	1276
FBgn0033468	CG1418	1418	FBgn0034141	CG8311	8311
FBgn0052483	CG32483	32483	FBgn0030053	CG12081	12081
FBgn0032643	CG6453	6453	FBgn0050194	CG30194	30194
FBgn0043575	PGRP-SC2	14745	FBgn0036771	CG14353	14353
FBgn0261592	RpS6	10944	FBgn0036353	CG10171	10171
FBgn0027334	l(1)G0004	11738	FBgn0038136	CG8774	8774
FBgn0040268	Top3alpha	10123	FBgn0035404	CG12079	12079
FBgn0023506	Es2	1474	FBgn0019928	Ser8	4812
FBgn0034763	RYBP	12190	FBgn0261986	RASSF8	5053
FBgn0037121	Rpb8	11246	FBgn0014395	tilB	14620
FBgn0028919	CG16865	16865	FBgn0024308	Smr	4013
FBgn0032961	CG1416	1416	FBgn0038660	CG14291	14291
FBgn0001612	l(1)dd4	10988	FBgn0038892	CG15498	15498
FBgn0001105	Gbeta13F	10545	FBgn0261938	mtRNApol	4644
FBgn0013813	Dhc98D	1842	FBgn0032750	CG10495	10495
FBgn0042102	CG18745	18745	FBgn0037655	CG11984	11984
FBgn0027090	Aats-gln	10506	FBgn0031250	Ent1	11907
FBgn0000557	Ef1alpha100E	1873	FBgn0032700	CG10338	10338
FBgn0050345	CG30345	30345	FBgn0037529	mRpS9	2957
FBgn0028421	Kap3	11759	FBgn0259784	Det	12265
FBgn0028554	xl6	10203	FBgn0034884	CG17662	17662
FBgn0032329	Art8	16840	FBgn0261608	RpL37A	5827
FBgn0261609	eIF-2alpha	9946	FBgn0003863	alphaTry	18444
FBgn0037469	Dpck	1939	FBgn0031298	Atg4	4428
FBgn0034784	CG9826	9826	FBgn0035145	MED14	12031
FBgn0051159	EF-G2	31159	FBgn0032172	CG5850	5850
FBgn0010220	Dbp45A	12759	FBgn0031032	CG14204	14204

FBgn0031114	cactin	1676	FBgn0032597	CG17904	17904
FBgn0038499	Brf	31256	FBgn0033233	Kdm4A	15835
FBgn0261596	RpS24	3751	FBgn0037439	CG10286	10286
FBgn0051155	Rpb7	31155	FBgn0086443	Aats-asn	10687
FBgn0031252	CG13690	13690	FBgn0038426	mRpS33	10406
FBgn0022153	l(2)k05819	3054	FBgn0035724	CG10064	10064
FBgn0050491	CG30491	30491	FBgn0086691	UK114	15261
FBgn0023174	Prosbeta2	3329	FBgn0035154	CG33344	3344
FBgn0010501	Dcp-1	5370	FBgn0038037	Cyp9f2	11466
FBgn0032447	PICK1	6167	FBgn0035586	CG10671	10671
FBgn0032800	CG10137	10137	FBgn0051064	CG31064	31064
FBgn0029715	CG11444	11444	FBgn0035437	CG11526	11526
FBgn0038919	CG17843	17843	FBgn0037255	Fip1	1078
FBgn0030507	CG11164	11164	FBgn0019830	colt	3057
FBgn0030252	Myo10A	2174	FBgn0031607	CG15440	15440
FBgn0035540	Syx17	7452	FBgn0025286	RpL31	1821
FBgn0035124	ttn2	12313	FBgn0034709	CG3074	3074
FBgn0035965	Use1	14181	FBgn0037580	DppIII	7415
FBgn0037657	hyx	11990	FBgn0031064	CG12531	12531
FBgn0053198	pen-2	33198	FBgn0035256	CG13930	13930
FBgn0039258	beta4GalT7	11780	FBgn0032522	CG16848	16848
FBgn0262473	Tl	5490	FBgn0039859	CG11539	11539
FBgn0027084	Aats-lys	12141	FBgn0026411	Lim1	11354
FBgn0033058	CCHa2r	14593	FBgn0032754	CG10700	10700
FBgn0035538	DopEcR	18314	FBgn0025743	mbt	18582
FBgn0029818	CG3033	3033	FBgn0028577	pUf68	12085
FBgn0033362	CG8172	8172	FBgn0037440	CG1041	1041
FBgn0027535	botv	15110	FBgn0030406	CG1463	1463
FBgn0039690	CG1969	1969	FBgn0035610	Lkr	10626
FBgn0020653	Trxr-1	2151	FBgn0035799	CG14838	14838
FBgn0032143	CG4017	4017	FBgn0027291	l(1)G0156	12233
FBgn0037712	CG16789	16789	FBgn0035674	CG13295	13295
FBgn0024362	CG11412	11412	FBgn0036030	CG6767	6767
FBgn0039626	Slu7	1420	FBgn0027499	wde	12340
FBgn0037022	CG11396	11396	FBgn0035677	CG13293	13293
FBgn0035534	mRpS6	15016	FBgn0035375	pgant6	2103
FBgn0030460	CG2453	2453	FBgn0024329	Mekk1	7717
FBgn0035308	CG15822	15822	FBgn0032819	CG10463	10463
FBgn0025777	homer	11324	FBgn0035231	Cct2	18330
FBgn0034605	CG15661	15661	FBgn0032247	CG5188	5188
FBgn0030545	CG11590	11590	FBgn0039150	CG13605	13605
FBgn0261575	tobi	11909	FBgn0000337	cn	1555
FBgn0031062	CG14230	14230	FBgn0033225	CG1550	1550
FBgn0086698	frtz	17657	FBgn0032956	Cul-2	1512
FBgn0050392	CG30392	30392	FBgn0039049	CG6726	6726
FBgn0035540	Syx17	7452	FBgn0039674	CG1907	1907
FBgn0039112	CG10219	10219	FBgn0020238	14-3-3epsilon	31196
FBgn0035540	Syx17	7452	FBgn0028331	l(1)G0289	2221
FBgn0263026	CG43321	13776	FBgn0039576	CG17856	17856
FBgn0011832	Ser12	17240	FBgn0033214	CG1941	1941
FBgn0001122	G-alpha47A	2204	FBgn0035592	CG10674	10674

FBgn0036194	CG11652	11652	FBgn0051320	CG31320	31320
FBgn0034521	Mgat1	13431	FBgn0050429	CG30429	30429
FBgn0034703	CG3045	3045	FBgn0031217	CG11377	11377
FBgn0029980	CG10778	10778	FBgn0030067	Rbm13	10648
FBgn0023180	Orc6	1584	FBgn0035423	CG17737	17737
FBgn0015519	nAcRalpha-7E	2302	FBgn0034242	CG14480	14480
FBgn0031494	CG17219	17219	FBgn0014427	CG11899	11899
FBgn0036128	Elo68beta	11801	FBgn0039210	CG13625	13625
FBgn0261872	scaf6	33522	FBgn0086613	Ino80	31212
FBgn0038013	CG10038	10038	FBgn0032863	cdc23	2508
FBgn0035110	thoc7	17143	FBgn0032036	CG13384	13384
FBgn0051120	CG31120	31120	FBgn0051229	CG31229	31229
FBgn0039632	Cul-5	1401	FBgn0036538	CG15715	15715
FBgn0032051	CG13097	13097	FBgn0034454	CG15120	15120
FBgn0032811	CG10268	10268	FBgn0026873	MED18	14802
FBgn0030873	CG15814	15814	FBgn0030694	CG15602	15602
FBgn0031700	CG14022	14022	FBgn0052451	SPoCk	32451
FBgn0030087	CG7766	7766	FBgn0038342	CG14870	14870
FBgn0030468	CG1622	1622	FBgn0025712	CG13920	13920
FBgn0040038	klhl10	12423	FBgn0037301	Mms19	12005
FBgn0042175	CG18858	18858	FBgn0031036	CG14220	14220
FBgn0030099	CG12056	12056	FBgn0261934	dikar	32393
FBgn0039664	CG2006	2006	FBgn0039829	CG15561	15561
FBgn0030584	CG14407	14407	FBgn0051156	CG31156	31156
FBgn0250843	Pros35	4904	FBgn0035147	Gale	12030
FBgn0031850	Tsp	11326	FBgn0030330	Tango10	1841
FBgn0033842	cbc	5970	FBgn0036264	CG11529	11529
FBgn0026319	Traf4	3048	FBgn0031633	CG2976	2976
FBgn0031145	Ntf-2	1740	FBgn0029942	CG2059	2059
FBgn0024509	sec13	6773	FBgn0000046	Act87E	18290
FBgn0033653	CG13192	13192	FBgn0034793	asrij	13533
FBgn0035243	CG13926	13926	FBgn0042186	CG17239	17239
FBgn0033521	CG12896	12896	FBgn0039932	CG11093	11093
FBgn0036059	nudE	8104	FBgn0031040	CG14210	14210
FBgn0029176	Ef1gamma	11901	FBgn0028398	Taf10	2859
FBgn0030556	mRNA-cap	1810	FBgn0001147	gsb-n	2692
FBgn0261789	SmD2	1249	FBgn0033020	CG10396	10396
FBgn0037339	Pi4KIIalpha	2929	FBgn0030558	CG1461	1461
FBgn0032793	CG10189	10189	FBgn0036341	Syx13	11278
FBgn0085484	CG34455	34455	FBgn0022361	Pur-alpha	1507
FBgn0000078	Amy-d	17876	FBgn0000117	arm	11579
FBgn0050361	mtt	30361	FBgn0031050	Arp11	12235
FBgn0036564	Taspase1	5241	FBgn0031596	CG15429	15429
FBgn0024364	CG11417	11417	FBgn0039889	CG2219	2219
FBgn0027654	jdp	2239	FBgn0035422	RpL28	12740
FBgn0025635	CG17829	17829	FBgn0034816	CG3085	3085
FBgn0035438	PHGPx	12013	FBgn0035356	CG16986	16986
FBgn0039636	CG11877	11877	FBgn0250753	exba	2922
FBgn0033555	RpS15Ab	12324	FBgn0037351	RpL13A	1475
FBgn0013973	Gycbeta100B	1470	FBgn0027055	CSN3	18332
FBgn0004244	Rdl	10537	FBgn0037644	CG11964	11964

FBgn0036204	Tim13	11611	FBgn0028695	Rpn1	7762
FBgn0261383	CG3125	3125	FBgn0050493	CG30493	30493
FBgn0024558	Dph5	31289	FBgn0262603	sec8	2095
FBgn0004428	LysE	1180	FBgn0039635	CG11876	11876
FBgn0035709	eIF4E-4	10124	FBgn0019947	Psn	18803
FBgn0025381	CG14782	14782	FBgn0038271	CG3731	3731
FBgn0051092	LpR2	31092	FBgn0039802	dj-1beta	1349
FBgn0260462	CG12163	12163	FBgn0033686	Hen1	12367
FBgn0052627	NnaD	32627	FBgn0036984	CG13248	13248
FBgn0033518	Prx2540-2	11765	FBgn0037512	CG2616	2616
FBgn0011584	Trp1	4758	FBgn0037534	CG2781	2781
FBgn0011584	Trp1	4758	FBgn0033205	CG2064	2064
FBgn0029819	CG3016	3016	FBgn0004390	Gap1	6721
FBgn0016672	Ipp	3028	FBgn0033155	Br140	1845
FBgn0037647	RagA	11968	FBgn0039836	CG1750	1750
FBgn0030555	Fbx14	1839	FBgn0086710	RpL30	10652
FBgn0011754	PhKgamma	1830	FBgn0039863	CG1815	1815
FBgn0031995	CG8475	8475	FBgn0010053	Jheh1	15101
FBgn0029133	REG	1591	FBgn0011202	dia	1768
FBgn0020389	Papss	8363	FBgn0083919	Zasp52	30084
FBgn0027791	O-fut2	14789	FBgn0243513	cnir	17262
FBgn0011290	Taf12	17358	FBgn0029672	CG2875	2875
FBgn0031877	CG10399	10399	FBgn0038856	sec15	7034
FBgn0020762	Atet	2969	FBgn0037276	CG17387	17387
FBgn0030239	CG17333	17333	FBgn0031929	CG18585	18585
FBgn0031189	CG14618	14618	FBgn0262350	bru-3	12478
FBgn0033274	CG14757	14757	FBgn0024509	sec13	6773
FBgn0061198	HSPC300	30173	FBgn0037467	CG1104	1104
FBgn0017566	ND75	2286	FBgn0030305	CG1749	1749
FBgn0036292	CG10646	10646	FBgn0016038	mod(r)	17828
FBgn0030343	ATP7	1886	FBgn0039877	CG2118	2118
FBgn0003559	su(f)	17170	FBgn0004425	LysB	1179
FBgn0011277	HLH4C	3052	FBgn0025615	torp4a	3024
FBgn0001269	inv	17835	FBgn0011661	Moe	10701
FBgn0026380	Prosbeta3	11981	FBgn0010215	alpha-Cat	17947
FBgn0033716	Den1	8493	FBgn0037377	CG1218	1218
FBgn0035515	CG14997	14997	FBgn0037377	CG1218	1218
FBgn0037313	CG1161	1161	FBgn0004390	Gap1	6721
FBgn0035533	Cip4	15015	FBgn0034963	CG13567	13567
FBgn0039271	CG11839	11839	FBgn0030038	CG1440	1440
FBgn0034417	CG15117	15117	FBgn0032850	Kua	10723
FBgn0028686	Rpt3	16916	FBgn0033339	sec31	8266
FBgn0011555	thetaTry	12385	FBgn0045064	bwa	13969
FBgn0005631	robo	13521	FBgn0020272	mst	1424
FBgn0032387	CG16965	16965	FBgn0033520	Prx2540-1	12405
FBgn0035415	CG14966	14966	FBgn0040534	CG11985	11985
FBgn0024994	Csat	2675	FBgn0010551	l(2)03709	15081
FBgn0037358	elm	2185	FBgn0038827	Fancd2	17269
FBgn0036196	CG11658	11658	FBgn0035173	CG13907	13907
FBgn0033479	CG2292	2292	FBgn0259998	CG17571	17571
FBgn0033264	Nup50	2158	FBgn0261439	SdhA	17246

FBgn0031266	CG2807	2807	FBgn0004430	LysS	1165
FBgn0051314	Neu3	7649	FBgn0030947	CG6696	6696
FBgn0042135	CG18812	18812	FBgn0032680	Ntf-2r	10174
FBgn0037046	CG10581	10581	FBgn0024980	Syx4	2715
FBgn0262743	Fs(2)Ket	2637	FBgn0030142	CG3004	3004
FBgn0035722	CG10075	10075	FBgn0001276	ix	13201
FBgn0039773	CG2224	2224	FBgn0260985	RfC4	14999
FBgn0000422	Ddc	10697	FBgn0037989	CG14741	14741
FBgn0039557	CG12259	12259	FBgn0005561	sv	11049
FBgn0038170	CG14367	14367	FBgn0032095	Toll-4	18241
FBgn0261675	Npc1b	11233	FBgn0036643	Syx8	4109
FBgn0261955	kdn	3861	FBgn0085449	CG34420	34420
FBgn0039640	CG14516	14516	FBgn0051116	CIC-a	31116
FBgn0036340	SRm160	11274	FBgn0259481	Mob2	11711
FBgn0038432	CG14883	14883	FBgn0086357	Sec61alpha	9539
FBgn0027903	CG12018	12018	FBgn0035400	CG11537	11537
FBgn0024188	san	12352	FBgn0034367	sec6	5341
FBgn0003742	tra2	10128	FBgn0033365	CG8170	8170
FBgn0030400	CG11138	11138	FBgn0038053	CG18549	18549
FBgn0027951	MTA1-like	2244	FBgn0040308	Jafrac2	1274
FBgn0024698	Cpsf160	10110	FBgn0028467	CG11070	11070
FBgn0039623	CG1951	1951	FBgn0035435	CG12077	12077
			FBgn0030061	CG1785	1785