

Table S1: RNAi Cell Growth and Viability Hits (3 ≤ z-score)

Gene name (BDGP R2)	dsRNA ID	dsRNA length	z-score [Kc ₁₆₇]	z-score [S2R ⁺]	Functional group assignment (based on IPR evidence)	InterPro 7.0 Evidence
CG14023	HFA02353	499	6.5	2.2		
smt3	HFA03611	269	3.3	1.6	Proteasome and Ubiquitin	IPR000626; Ubiquitin
CG8222	HFA03080	568	5.3	0.8	Signaling	IPR000719; Protein kinase; IPR007110; Immunoglobulin-like
RpS13	HFA03419	275	3.4	1.0	Ribosome and protein synthesis	IPR000589; Ribosomal protein S15
CG13097	HFA02199	516	3.4	3.5	RNA-binding	IPR007151; Mpp10 protein
CG13098	HFA02200	498	2.1	3.0		
CycE	HFA03295	512	2.0	3.3	Cell cycle and Replication	IPR004367; Cyclin, C-terminal
Fs(2)Ket	HFA03328	517	4.0	3.3	Other	IPR001494; Importin-beta, N-terminal
cad	HFA03502	494	3.3	4.4	DNA-binding	IPR001356; Homeobox
CG9324	HFA03201	249	3.5	5.1	Proteasome and Ubiquitin	IPR008012; Proteasome maturation factor UMP1
HmgD	HFA04619	155	2.0	3.2	DNA-binding	IPR000910; HMG1/2 (high mobility group) box
ken	HFA04696	510	3.7	3.8	DNA-binding	IPR007087; Zn-finger, C2H2 type; IPR000210; BTB/POZ domain
RpL19	HFA04649	550	3.9	3.9	Ribosome and protein synthesis	IPR000196; Ribosomal protein L19e
Rpt1	HFA07542	509	4.5	2.9	Proteasome and Ubiquitin	IPR003959; AAA ATPase, central region
CG1383	HFA06425	518	3.8	3.8		
CG8055	HFA07061	248	4.2	3.2	Other	IPR005024; Eukaryotic protein of unknown function DUF279
psq	HFA07668	503	5.6	4.2	DNA-binding	IPR007889; Helix-turn-helix, Psq
CG7745	HFA07037	510	1.8	3.8	DNA-binding	IPR006578; MADF
CG10228	HFA05983	506	4.1	3.8	RNA-binding	IPR006569; Regulation of nuclear pre-mRNA protein
igl	HFA07631	278	2.6	3.0	Signaling	IPR000048; IQ calmodulin-binding region
CG8092	HFA07076	495	1.7	3.8		
CG8392	HFA07159	469	3.1	3.2	Proteasome and Ubiquitin	IPR001353; Multispecific proteasome protease
CG6984	HFA07013	567	1.6	3.3	Energy and Metabolism	IPR001753; Enoyl-CoA hydratase/isomerase
ProsMA5	HFA07514	493	5.2	4.6	Proteasome and Ubiquitin	IPR001353; Multispecific proteasome protease
pAbp	HFA07659	490	3.6	3.0	Ribosome and protein synthesis	IPR002004; Polyadenylate-binding protein/HECT-associated; IPR00050
RpL11	HFA07537	287	3.2	3.0	Ribosome and protein synthesis	IPR003236; Mitochondrial ribosomal protein L5
CG12031	HFA08235	516	3.2	2.4		
CG2162	HFA08557	380	3.4	3.1		
Cdc27	HFA11112	519	0.6	3.0	Cell cycle and Replication	IPR001440; TPR repeat
CG18656	HFA10335	515	1.3	4.0		
CG18632	HFA10330	505	4.1	4.0		
RpS9	HFA11273	212	3.0	1.6	Ribosome and protein synthesis	IPR001912; Ribosomal protein S4
CG9007	HFA11051	487	3.1	2.4	Zn-finger	IPR001965; Zn-finger-like, PHD finger; IPR001214; Nuclear protein SET
Trl	HFA11308	517	5.9	4.6	DNA-binding	IPR007087; Zn-finger, C2H2 type; IPR000210; BTB/POZ domain
Prosbeta2	HFA11257	512	2.1	3.6	Proteasome and Ubiquitin	IPR001353; Multispecific proteasome protease
th	HFA11404	502	7.0	6.1	Zn-finger	IPR001841; Zn-finger, RING; IPR001370; Baculovirus inhibitor of apopto
Pros26	HFA11256	516	2.7	3.1	Proteasome and Ubiquitin	IPR001353; Multispecific proteasome protease
CycT	HFA11124	478	3.7	3.1	Cell cycle and Replication	IPR006671; Cyclin, N-terminal domain

CG6273	HFA10613	507	6.1	4.7	DNA-binding	IPR000418; Ets-domain
Rpn1	HFA11274	506	3.3	2.8	Proteasome and Ubiquitin	IPR002015; Proteasome/cyclosome, regulatory subunit
cno	HFA12374	496	3.0	4.5	Signaling	IPR001478; PDZ/DHR/GLGF domain; IPR000253; Forkhead-associated
CG12000	HFA12186	481	3.4	3.4	Proteasome and Ubiquitin	IPR001353; Multispecific proteasome protease
noi	HFA12383	520	2.1	3.5	Zn-finger	IPR000690; Zn-finger, C2H2 matrin type
CG1475	HFA12265	348	2.6	3.2	Ribosome and protein synthesis	IPR005822; Ribosomal protein L13
Prosbeta3	HFA16801	514	2.7	3.9	Proteasome and Ubiquitin	IPR001353; Multispecific proteasome protease
CG14712	HFA14935	510	1.1	3.4		
CG12207	HFA14477	516	0.4	3.3	Other	IPR002482; Peptidoglycan-binding LysM
CG5166	HFA15727	434	7.0	4.8		
CG16941	HFA15166	507	1.6	3.8	Proteasome and Ubiquitin	IPR000626; Ubiquitin; IPR000061; SWAP/Surp
CG14281	HFA14762	415	-0.5	3.1	Signaling	IPR002048; Calcium-binding EF-hand
bnl	HFA16913	489	0.8	3.6	Signaling	IPR002348; Interleukin 1/heparin-binding growth factor
CG12254	HFA14483	510	4.4	5.5		
cdc2c	HFA16921	185	0.6	3.7	Cell cycle and Replication	IPR000719; Protein kinase
CG13847	HFA14697	496	1.6	3.4		
Rpn7	HFA16841	502	3.9	3.2	Proteasome and Ubiquitin	IPR000717; Proteasome component region PCI
orb	HFA17021	512	5.6	5.1	RNA-binding	IPR000504; RNA-binding region RNP-1 (RNA recognition motif)
Rpt5	HFA16842	571	4.2	2.6	Proteasome and Ubiquitin	IPR003593; AAA ATPase
Pros26.4	HFA16799	499	4.8	2.8	Proteasome and Ubiquitin	IPR003959; AAA ATPase, central region
Rpn2	HFA16839	519	3.2	2.5	Proteasome and Ubiquitin	IPR002015; Proteasome/cyclosome, regulatory subunit
stg	HFA17071	517	2.3	4.0	Cell cycle and Replication	IPR001763; Rhodanese-like
CG12054	HFA14467	480	4.5	3.4	Zn-finger	IPR007087; Zn-finger, C2H2 type
CG11484	HFA17135	496	1.9	3.4	Proteasome and Ubiquitin	IPR000449; Ubiquitin-associated domain; IPR000504; RNA-binding regi
EG:8D8.6	HFA18583	495	3.1	2.5	Other	IPR000182; GCN5-related N-acetyltransferase
CG14800	HFA17958	230	3.3	1.6	DNA-binding	IPR006055; Exonuclease
z	HFA18855	514	3.3	2.6		
CG12236	HFA17830	520	4.3	5.0	DNA-binding	IPR007087; Zn-finger, C2H2 type; IPR000210; BTB/POZ domain
CG3918	HFA18331	500	3.4	3.0		
Bx42	HFA17743	506	2.6	3.7	DNA-binding	IPR004015; SKIP/SNW domain
BcDNA:GH10646	HFA17735	479	4.7	5.0	Zn-finger	IPR000315; Zn-finger, B-box; IPR001258; NHL repeat
nej	HFA18801	506	3.2	2.6	DNA-binding	IPR000433; Zn-finger, ZZ type; IPR001487; Bromodomain; IPR003101;
CG17779	HFA18138	439	3.2	2.7	Energy and Metabolism	IPR001395; Aldo/keto reductase; IPR005983; KCNAB voltage-gated K+
CG1905	HFA19821	495	3.3	3.1		
CG12719	HFA19495	439	4.2	3.2	DNA-binding	IPR001005; Myb DNA-binding domain
CG4453	HFA19904	499	1.4	3.9	Zn-finger	IPR001876; Zn-finger, Ran-binding
RpP2	HFA00783	254	-0.2	3.8	Ribosome and protein synthesis	IPR001813; Ribosomal protein 60S
CG2807	HFA00535	480	4.3	6.1		
aop	HFA00801	508	3.3	6.1	DNA-binding	IPR000418; Ets-domain
CG15410	HFA00425	518	3.5	4.3	Energy and Metabolism	IPR003439; ABC transporter; IPR003593; AAA ATPase
CG15415	HFA00430	506	0.6	3.1		
odd	HFA00832	489	2.7	4.9	Zn-finger	IPR007087; Zn-finger, C2H2 type
RpL40	HFA00782	129	2.9	3.2	Ribosome and protein synthesis	IPR000626; Ubiquitin; IPR001975; Ribosomal protein L40e
RpL27A	HFA00781	308	3.5	3.9	Ribosome and protein synthesis	IPR001196; Ribosomal protein L15
Cf2	HFA00744	517	2.8	4.1	Zn-finger	IPR007087; Zn-finger, C2H2 type
His3.3A	HFA03343	492	2.4	3.9	DNA-binding	IPR000164; Histone H3

Rpn11	HFA03422	510	3.8	3.6	Proteasome and Ubiquitin	IPR000555; Mov34
Lam	HFA03359	512	1.7	3.3	Other	IPR001664; Intermediate filament protein
eIF-4a	HFA03526	510	3.6	4.2	Ribosome and protein synthesis	IPR001650; Helicase, C-terminal
CG7105	HFA03009	220	7.5	4.8		
CG7424	HFA03055	160	2.1	3.3	Ribosome and protein synthesis	IPR000552; Ribosomal protein L44E
raw	HFA03599	513	1.3	3.6		
CG13109	HFA02207	497	2.7	3.9	DNA-binding	IPR001092; Basic helix-loop-helix dimerization domain bHLH
hoip	HFA03546	368	4.0	5.3	Ribosome and protein synthesis	IPR000231; Ribosomal protein L30e
RpL7	HFA03417	577	4.0	3.8	Ribosome and protein synthesis	IPR005998; Ribosomal protein L7, eukaryotic form
Pros35	HFA03401	502	3.1	3.6	Proteasome and Ubiquitin	IPR001353; Multispecific proteasome protease
RpL9	HFA03418	315	2.6	3.9	Ribosome and protein synthesis	IPR000702; Ribosomal protein L6
CG14917	HFA02401	501	0.9	3.3	Signaling	IPR001660; Sterile alpha motif SAM
CG17008	HFA02557	489	3.6	3.4	RNA-binding	IPR000504; RNA-binding region RNP-1 (RNA recognition motif)
CG6043	HFA02922	513	4.5	5.6		
CG9282	HFA03185	435	3.2	3.3	Ribosome and protein synthesis	IPR000988; Ribosomal protein L24E
BG:DS07721.3	HFA01970	280	3.7	3.0		
CycE-x2	HFA03296	329	1.8	5.3	Cell cycle and Replication	IPR004367; Cyclin, C-terminal
fzy	HFA03534	499	2.1	5.3	Cell cycle and Replication	IPR000002; Cdc20/Fizzy
CG5953	HFA02914	513	2.4	3.0	DNA-binding	IPR006578; MADF
CG17331	HFA02603	280	3.9	3.8	Proteasome and Ubiquitin	IPR001353; Multispecific proteasome protease
RpS26	HFA03420	341	3.9	2.9	Ribosome and protein synthesis	IPR000892; Ribosomal protein S26E
CG15166	HFA02467	354	2.9	3.2		
Dox-A2	HFA03318	495	4.0	2.6	Proteasome and Ubiquitin	IPR000717; Proteasome component region PCI
CG12775	HFA03704	477	3.8	2.7	Ribosome and protein synthesis	IPR001147; Ribosomal protein L21e
CG17949	HFA03757	193	5.8	3.4	DNA-binding	IPR000558; Histone H2B
CG10614	HFA04082	284	4.5	2.9	DNA-binding	IPR001356; Homeobox
CG15665	HFA04256	261	3.1	1.0	Other	IPR002110; Ankyrin
CG4046	HFA04442	136	3.1	2.7	Ribosome and protein synthesis	IPR000754; Ribosomal protein S9
CG3751	HFA04414	386	3.3	3.4	Ribosome and protein synthesis	IPR001976; Ribosomal protein S24e
blw	HFA04675	493	5.4	3.0	Energy and Metabolism	IPR005294; ATP synthase F1, alpha subunit
RpL17A	HFA04648	194	3.3	4.5	Ribosome and protein synthesis	IPR000218; Ribosomal protein L14b/L23e
CG3124	HFA04339	499	1.9	3.4		
CG13550	HFA04191	506	2.0	3.6		
CG3195	HFA04344	202	3.9	4.8	Ribosome and protein synthesis	IPR000911; Ribosomal protein L11
RpL46	HFA04651	343	3.8	3.9	Ribosome and protein synthesis	IPR000077; Ribosomal protein L39e
Mov34	HFA04624	505	4.7	5.3	Proteasome and Ubiquitin	IPR003639; Mov34, subtype 1
CG3183	HFA04984	508	3.6	1.5		
CG9469	HFA05013	513	2.7	4.0		
CG11198	HFA06059	504	3.3	2.8	Energy and Metabolism	IPR005482; Biotin carboxylase, C-terminal
Hey	HFA07440	506	2.7	4.1	DNA-binding	IPR001092; Basic helix-loop-helix dimerization domain bHLH
Pabp2	HFA07501	385	3.4	3.9	RNA-binding	IPR000504; RNA-binding region RNP-1 (RNA recognition motif)
CG13755	HFA06423	154	6.1	3.3	Other	IPR007110; Immunoglobulin-like; IPR003961; Fibronectin, type III
CG13739	HFA06410	492	0.9	3.6		
CG12208	HFA06118	500	1.3	3.3	DNA-binding	IPR001628; Zn-finger, C4-type steroid receptor
CG12912	HFA06227	304	7.0	5.4		
CG12904-x2	HFA06219	513	3.8	4.5	Energy and Metabolism	IPR005821; Ion transport protein

CG12897	HFA06212	452	4.4	4.5		
CG18381-x2	HFA06742	504	2.3	3.1	DNA-binding	IPR007087; Zn-finger, C2H2 type; IPR000210; BTB/POZ domain
Prosbeta5	HFA07517	505	2.3	3.2	Proteasome and Ubiquitin	IPR001353; Multispecific proteasome protease
CG17326	HFA06663	568	3.7	3.9	Zn-finger	IPR007087; Zn-finger, C2H2 type
CG13235	HFA06355	154	5.3	3.6		
CG13222	HFA06343	485	4.6	4.4	Other	IPR000618; Insect cuticle protein
CG13165	HFA06292	388	4.5	5.0		
Su(z)2	HFA07558	510	4.2	4.1	Zn-finger	IPR001841; Zn-finger, RING
mam	HFA07648	505	2.9	4.5		
mig	HFA07650	500	6.0	5.1	Zn-finger	IPR007087; Zn-finger, C2H2 type
CG8171	HFA07088	509	5.9	4.8		
CG12305-x2	HFA06127	508	5.3	4.5		
CG8332	HFA07151	207	4.2	2.5	Ribosome and protein synthesis	IPR002222; Ribosomal protein S19/S15
RpP1	HFA07539	320	2.5	3.5	Ribosome and protein synthesis	IPR001813; Ribosomal protein 60S
CG15607	HFA06560	483	3.3	5.1	Zn-finger	IPR007087; Zn-finger, C2H2 type
RpL18A	HFA07538	299	3.5	3.6	Ribosome and protein synthesis	IPR002670; Ribosomal L18ae protein
CG14494	HFA06465	210	1.4	3.1		
CG14504	HFA06475	291	2.9	4.5		
CG9811-x2	HFA07344	286	4.5	4.8	Signaling	IPR003579; Ras small GTPase, Rab type
RpS18	HFA07540	266	3.6	2.7	Ribosome and protein synthesis	IPR001892; Ribosomal protein S13
CG18001	HFA07818	207	1.5	3.4	Ribosome and protein synthesis	IPR002675; Ribosomal L38e protein
CG13798	HFA08333	479	2.9	4.3		
RpL8	HFA08695	505	3.2	3.4	Ribosome and protein synthesis	IPR002171; Ribosomal protein L2
CG18334	HFA08532	503	3.0	3.4	Ribosome and protein synthesis	IPR002171; Ribosomal protein L2
CG12188	HFA08263	448	0.3	3.4	DNA-binding	IPR003034; DNA-binding SAP; IPR004018; RPEL repeat
CG14952	HFA08412	367	0.9	4.6		
CG12740	HFA08293	379	1.7	3.1	Ribosome and protein synthesis	IPR002672; Ribosomal L28e protein
CG14978	HFA08437	499	-1.1	3.6	Other	IPR004018; RPEL repeat
CG14975	HFA08434	144	2.9	3.3		
Ubi-p63E	HFA08703	426	7.7	5.9	Proteasome and Ubiquitin	IPR000626; Ubiquitin
CG14982	HFA08440	499	1.1	4.3		
scrt	HFA08736	509	0.8	4.4	Zn-finger	IPR007087; Zn-finger, C2H2 type
CG7468	HFA08593	313	1.6	3.9	Other	IPR001107; Band 7 protein
CG14821	HFA10192	514	2.6	4.3		
CG17742	HFA10285	279	1.5	4.1		
CG14833	HFA10203	430	4.5	5.0	Other	IPR000008; C2 domain
CG8294	HFA10977	431	1.3	3.9		
CG13683	HFA10041	165	6.8	4.8		
CG13675	HFA10034	517	2.3	3.8	Other	IPR002557; Chitin binding Peritrophin-A
CG13673	HFA10032	287	0.9	3.5		
CG6694	HFA10696	500	2.6	4.6	Zn-finger	IPR000571; Zn-finger, C-x8-C-x5-C-x3-H type
RpL14	HFA11269	191	2.9	4.0	Ribosome and protein synthesis	IPR005824; KOW
CG3982	HFA10394	493	1.0	3.3		
CG7283	HFA10798	479	2.3	3.7	Ribosome and protein synthesis	IPR002143; Ribosomal protein L1
CG4328	HFA10410	489	1.7	3.4	DNA-binding	IPR001356; Homeobox
CG17615	HFA10275	481	1.0	3.4	DNA-binding	IPR001781; Zn-binding protein, LIM

eyg	HFA11344	497	3.4	4.6	DNA-binding	IPR001356; Homeobox
CG10682	HFA09778	570	0.8	3.5	Proteasome and Ubiquitin	IPR000608; Ubiquitin-conjugating enzymes
ara	HFA11322	516	0.4	3.1	DNA-binding	IPR001356; Homeobox
RpS4	HFA11272	245	3.1	3.2	Ribosome and protein synthesis	IPR000876; Ribosomal protein S4E
CG17689	HFA10280	479	1.1	3.3		
CG6419	HFA10634	505	0.2	3.1	DNA-binding	IPR000910; HMG1/2 (high mobility group) box
ind	HFA11355	502	1.7	5.0	DNA-binding	IPR000008; C2 domain
CG5151	HFA10487	500	-0.1	4.0		
Rpn12	HFA11275	502	3.1	4.2	Proteasome and Ubiquitin	IPR006746; 26S proteasome non-ATPase regulatory subunit Nin1/mts3
CG6064	HFA10578	493	0.4	3.8		
CG6884	HFA10739	493	5.1	5.6		
CG6846	HFA10726	425	2.7	4.0	Ribosome and protein synthesis	IPR005824; KOW
HLH106	HFA11182	493	4.3	2.3	DNA-binding	IPR001092; Basic helix-loop-helix dimerization domain bHLH
CG15869	HFA11739	412	3.5	3.8		
CG11451	HFA11663	519	1.0	3.6		
CG13256	HFA11703	252	3.4	4.6	Other	IPR002172; Low density lipoprotein-receptor, class A; IPR000859; CUB
CG13257	HFA11704	440	0.2	3.4		
CG12977	HFA11687	330	2.0	3.6		
Eip78C	HFA11864	508	1.0	4.3	DNA-binding	IPR000536; Ligand-binding domain of nuclear hormone receptor
Pros54	HFA11876	487	1.4	3.1	Proteasome and Ubiquitin	IPR003903; Ubiquitin interacting motif
CG7177	HFA11813	507	0.5	3.3	Signaling	IPR000719; Protein kinase
msopa	HFA11895	228	1.7	3.5		
CG14459	HFA11719	431	3.9	5.6		
Qm	HFA11947	256	3.2	3.6	Ribosome and protein synthesis	IPR001197; Ribosomal protein L10E
CG9805	HFA12339	518	0.8	3.1	Ribosome and protein synthesis	IPR000717; Proteasome component region PCI
CG1161	HFA12180	205	4.3	4.3	Other	IPR008853; TMEM9
CG2099	HFA12302	195	3.0	4.2	Ribosome and protein synthesis	IPR001780; Ribosomal protein L35Ae
Scr	HFA12604	494	3.8	4.4	DNA-binding	IPR001356; Homeobox
alphaTub84B	HFA12622	507	0.6	3.4	Cell cycle and Replication	IPR003008; Tubulin/FtsZ, GTPase
CG10040	HFA12500	506	1.2	5.0	Zn-finger	IPR007087; Zn-finger, C2H2 type
alphaTub84D	HFA12623	507	0.4	3.2	Cell cycle and Replication	IPR003008; Tubulin/FtsZ, GTPase
CG11603	HFA14333	290	5.5	5.0		
CG11745-x2	HFA14371	514	1.2	3.3	DNA-binding	IPR000637; HMG-I and HMG-Y DNA-binding domain (A+T-hook)
CG9836	HFA16572	375	1.9	4.7	Energy and Metabolism	IPR002871; Nitrogen-fixing NifU-like, N-terminal
CG16777	HFA15152	504	1.6	3.4		
CG9381-x2	HFA16484	386	6.2	6.0	Zn-finger	IPR001841; Zn-finger, RING
karyopherin-alpha	HFA16976	502	1.0	3.3	Other	IPR002652; Importin alpha-like protein, beta-binding region;
alphaTub85E	HFA16899	511	0.3	3.4	Cell cycle and Replication	IPR003008; Tubulin/FtsZ, GTPase
Rpl3	HFA16834	262	2.7	4.1	Ribosome and protein synthesis	IPR000597; Ribosomal protein L3
CG18158	HFA15311	477	5.8	5.5	DNA-binding	IPR001628; Zn-finger, C4-type steroid receptor; IPR000536; Ligand-binc
Pros25	HFA16798	231	2.6	4.2	Proteasome and Ubiquitin	IPR001353; Multispecific proteasome protease
CG5844	HFA15890	514	4.4	5.3	Energy and Metabolism	IPR001753; Enoyl-CoA hydratase/isomerase
Fad	HFA16668	133	4.6	1.1	Energy and Metabolism	IPR001522; Fatty acid desaturase, type 1
BcDNA:LD41548	HFA14165	172	0.2	3.0	Energy and Metabolism	IPR000819; Peptidase M17, cytosol aminopeptidase, C-terminal
CG9930	HFA16585	501	5.2	3.6	DNA-binding	IPR001356; Homeobox
His4r	HFA16703	365	3.1	5.0	DNA-binding	IPR001951; Histone H4

CG7552	HFA16257	264	6.6	4.1	Other	IPR001202; WW/Rsp5/WWP domain
CG5143	HFA15724	486	2.5	4.4	Signaling	IPR001452; SH3 domain; IPR003961; Fibronectin, type III
CG6118	HFA15968	498	5.4	2.7	Other	IPR000210; BTB/POZ domain
srp	HFA17068	482	4.8	3.1	DNA-binding	IPR000679; Zn-finger, GATA type
abd-A	HFA16897	363	6.3	5.3	DNA-binding	IPR001356; Homeobox
CG7305	HFA16225	499	1.2	3.2		
cpo	HFA16926	502	0.2	3.6	RNA-binding	IPR000504; RNA-binding region RNP-1 (RNA recognition motif)
CG18435	HFA15327	470	2.9	3.7	RNA-binding	IPR000504; RNA-binding region RNP-1 (RNA recognition motif)
CG12349	HFA14503	298	1.8	3.2	RNA-binding	IPR000504; RNA-binding region RNP-1 (RNA recognition motif)
CG7901	HFA16337	373	4.0	3.7	Signaling	IPR002554; Protein phosphatase 2A, regulatory B subunit (B56 family)
CG14307	HFA14786	518	4.2	3.9		
CG17836	HFA15282	509	5.7	4.5	DNA-binding	IPR000637; HMG-I and HMG-Y DNA-binding domain (A+T-hook)
CG5035	HFA15701	475	3.3	3.2		
CG5466	HFA15808	493	6.5	4.6		
E2f	HFA16655	492	0.6	3.7	DNA-binding	IPR003316; Transcription factor E2F/dimerisation partner (TDP)
CG13844	HFA14694	274	1.5	4.0	Energy and Metabolism	IPR002076; GNS1/SUR4 membrane protein
CG17622	HFA15247	405	4.0	5.3		
CG7031	HFA16178	508	3.1	5.3		
RpS3	HFA16838	508	3.6	2.3	Ribosome and protein synthesis	IPR001351; Ribosomal protein S3, C-terminal
CG13824	HFA14674	216	5.8	5.0		
CG13820	HFA14670	157	2.4	3.8		
msi	HFA17003	508	3.7	0.1	RNA-binding	IPR000504; RNA-binding region RNP-1 (RNA recognition motif)
CG5079	HFA15713	421	1.2	3.3		
CG4759	HFA15638	389	2.7	3.9	Ribosome and protein synthesis	IPR001141; Ribosomal protein L27e
CG14554	HFA14897	321	0.2	3.4		
CG14236	HFA14730	145	4.7	2.5		
CG5606	HFA15840	501	-0.2	3.0		
CG12425	HFA14515	398	2.3	4.5		
CG12852	HFA14558	330	4.1	4.4		
CG16918-x2	HFA15165	253	3.6	3.3	Other	IPR001254; Peptidase S1, chymotrypsin family
CG15504	HFA15045	506	1.7	4.4	DNA-binding	IPR001275; DM DNA-binding; IPR005173; DMRTA motif
ATPsyn-gamma	HFA14094	507	2.8	3.2	Energy and Metabolism	IPR000131; H+-transporting two-sector ATPase, gamma subunit
CG15507	HFA15048	475	-1.0	3.0		
CG7808	HFA16318	376	4.3	2.4	Ribosome and protein synthesis	IPR001047; Ribosomal protein S8E
RpL32	HFA16835	456	3.8	3.6	Ribosome and protein synthesis	IPR001515; Ribosomal protein L32e
CG1883	HFA15394	319	4.2	2.5	Ribosome and protein synthesis	IPR000554; Ribosomal protein S7E
wts	HFA17096	504	4.3	5.3	Signaling	IPR000719; Protein kinase
CG12071	HFA14471	507	3.1	4.9	Zn-finger	IPR007087; Zn-finger, C2H2 type
CG11522	HFA14323	547	3.2	3.1	Ribosome and protein synthesis	IPR000915; Ribosomal protein L6E
Med	HFA16737	495	0.5	3.5	DNA-binding	IPR001132; Dwarfing protein
RpS3A	HFA17168	450	4.4	3.1	Ribosome and protein synthesis	IPR001593; Ribosomal protein S3Ae
CG9905	HFA17160	518	0.8	3.9	Proteasome and Ubiquitin	IPR000449; Ubiquitin-associated domain; IPR000504; RNA-binding region
ATPsyn-beta	HFA17194	508	5.0	2.0	Energy and Metabolism	IPR004100; H+-transporting two-sector ATPase, alpha/beta subunit, N-terminus
RpL36	HFA18708	400	3.4	3.9	Ribosome and protein synthesis	IPR000509; Ribosomal protein L36E
A3-3	HFA17225	495	0.7	3.1	DNA-binding	IPR004827; Basic-leucine zipper (bZIP) transcription factor
EG:22E5.12	HFA18516	340	3.7	3.4	Zn-finger	IPR001841; Zn-finger, RING

CG18843	HFA18184	505	3.7	1.7	RNA-binding	IPR003107; RNA-processing protein, HAT helix; IPR001440; TPR repeat
dm	HFA18762	505	4.6	5.0	DNA-binding	IPR001092; Basic helix-loop-helix dimerization domain bHLH
CG13020	HFA17892	509	1.8	4.1	Other	IPR007110; Immunoglobulin-like
CG12632	HFA17843	581	0.9	3.2	DNA-binding	IPR001766; Fork head transcription factor
CG16828	HFA18119	516	3.3	4.2	Signaling	IPR001806; Ras GTPase superfamily
CG4985	HFA18383	495	1.6	3.2	Zn-finger	IPR002515; Zn-finger, C2HC type
CG12683	HFA17874	779	3.2	3.8		
CG15470	HFA18053	469	5.5	4.0		
CG14447	HFA17940	157	3.8	2.3	Signaling	IPR001478; PDZ/DHR/GLGF domain
CG11700	HFA17794	456	7.2	5.7	Proteasome and Ubiquitin	IPR000626; Ubiquitin
Rpt4	HFA18713	307	3.2	2.5	Proteasome and Ubiquitin	IPR005937; 26S proteasome subunit P45
RpL7A	HFA18709	355	2.5	3.3	Ribosome and protein synthesis	IPR004038; Ribosomal protein L7Ae/L30e/S12e/Gadd45
CG3075	HFA18272	497	5.6	4.4	DNA-binding	IPR003958; Transcription factor CBF/NF- γ /archaeal histone; IPR007124
RpS14a	HFA18710	475	3.2	2.0	Ribosome and protein synthesis	IPR001971; Ribosomal protein S11
RpS14b	HFA18711	475	3.3	2.3	Ribosome and protein synthesis	IPR001971; Ribosomal protein S11
CG15341	HFA18026	519	2.4	4.2	Ribosome and protein synthesis	IPR004172; L27 domain
CG15365	HFA18038	504	3.7	4.1		
CG9725	HFA18442	338	4.4	3.3	Proteasome and Ubiquitin	IPR000626; Ubiquitin
sbr	HFA20368	515	1.9	3.0	Other	IPR002075; Nuclear transport factor 2 (NTF2); IPR001611; Leucine-rich
Rpt3	HFA20283	513	3.5	3.0	Proteasome and Ubiquitin	IPR005937; 26S proteasome subunit P45
CG15223	HFA19661	149	3.5	2.5		
CG15740	HFA19706	490	3.7	5.1	Other	IPR004019; YLP motif
CG12720	HFA19496	515	4.1	4.4		
Smr	HFA20288	494	4.7	4.6	DNA-binding	IPR001005; Myb DNA-binding domain
CG18646	HFA19816	513	3.9	4.0	Signaling	IPR000331; Rap/ran-GAP; IPR000210; BTB/POZ domain
CG2033	HFA19831	386	3.5	2.4	Ribosome and protein synthesis	IPR000630; Ribosomal protein S8
CG15753	HFA19718	509	4.0	4.1		
CG15759	HFA19724	436	4.1	1.9	Energy and Metabolism	IPR000863; Sulfotransferase
CG12454	HFA19458	177	5.3	3.8		
rut	HFA20367	516	3.3	4.0	Signaling	IPR001054; Guanylate cyclase
CG8198	HFA20092	197	0.0	3.0	Other	IPR000361; Protein of unknown function, HesB/YadR/YfhF
CycD	HFA20233	509	0.6	3.7	Cell cycle and Replication	IPR006670; Cyclin
bss	HFA20315	300	7.2	6.3	DNA-binding	IPR000910; HMG1/2 (high mobility group) box
CG4416	HFA19902	498	1.0	3.3	Zn-finger	IPR007087; Zn-finger, C2H2 type
RpS19	HFA20281	377	3.5	2.6	Ribosome and protein synthesis	IPR001266; Ribosomal protein S19e
CG8926	HFA20123	376	2.1	3.2	Signaling	IPR001849; Pleckstrin-like
B-H2	HFA19335	487	4.6	4.5	DNA-binding	IPR001356; Homeobox
CG5960	HFA19967	514	4.2	5.2	Signaling	IPR001936; Ras GTPase-activating protein
CG15063	HFA19637	187	5.2	3.4		
CG14200	HFA19555	514	2.7	4.2	Zn-finger	IPR007087; Zn-finger, C2H2 type
CG15455	HFA20526	382	7.4	5.3	DNA-binding	IPR000040; Acute myeloid leukemia 1 protein (AML 1)/Runt
RpL15	HFA20963	305	3.1	3.2	Ribosome and protein synthesis	IPR000439; Ribosomal protein L15e
X14215_zmbh_38	HFA21265	367	5.4	5.0	DNA-binding	IPR000558; Histone H2B
X14215_zmbh_40	HFA21267	403	4.8	5.9	DNA-binding	IPR000164; Histone H3; IPR007124; Histone-fold/TFIID-TAF/NF- γ ; IPR0
	HFA00038	191	3.8	3.6		
	HFA00256	276	3.1	4.3		

HFA00976	509	1.3	3.8		
HFA01162	517	1.4	4.3	Zn-finger	IPR007087; Zn-finger, C2H2 type
HFA01163	496	0.4	3.2		
HFA01234	319	5.2	5.9	RNA-binding	IPR000504; RNA-binding region RNP-1 (RNA recognition motif)
HFA01296	379	1.4	3.8		
HFA01375	498	5.3	6.9		
HFA01452	291	2.3	6.1	Energy and Metabolism	IPR002524; Cation efflux protein
HFA01564	498	1.0	4.0		
HFA01595	190	3.8	4.7		
HFA03760	131	5.1	6.1	DNA-binding	IPR002119; Histone H2A
HFA03850	508	3.2	2.5		
HFA03998	176	1.1	4.5		
HFA04017	509	1.0	4.3		
HFA05108	169	0.7	3.1		
HFA05209	177	5.2	5.3		
HFA05234	142	5.8	4.3		
HFA05259	181	5.6	4.8		
HFA05360	441	2.5	5.5		
HFA05468	251	5.9	6.3		
HFA05553	512	0.4	4.5		
HFA05623	227	5.0	4.4		
HFA05689	148	3.8	2.2		
HFA05695	135	4.2	3.9		
HFA05715	301	4.8	5.5		
HFA05769	191	5.1	5.7		
HFA05792	138	3.1	3.0		
HFA05818	264	3.6	3.2		
HFA05853	284	4.7	5.1		
HFA05871	305	3.8	3.9		
HFA07932	299	5.1	4.4		
HFA07938	310	4.5	4.3		
HFA07992	504	3.3	2.0	Signaling	IPR001849; Pleckstrin-like
HFA08061	489	1.7	3.2	Other	IPR004018; RPEL repeat
HFA08063	217	5.3	5.2		
HFA08080	441	3.6	3.6		
HFA08748	514	1.2	4.0		
HFA08770	350	1.3	3.2		
HFA08772	323	2.2	3.3		
HFA08800	214	4.0	5.7		
HFA08841	489	2.8	3.2	Proteasome and Ubiquitin	IPR003653; SUMO/Sentrin/Ubl1 specific protease
HFA08896	500	2.8	4.1		
HFA08897	512	3.6	3.7	DNA-binding	IPR004827; Basic-leucine zipper (bZIP) transcription factor
HFA08919	329	6.2	5.7		
HFA08991	485	3.2	3.9		
HFA09005	333	2.6	3.2		
HFA09009	327	3.9	3.8		

HFA09047	216	2.6	3.3		
HFA09067	561	2.1	3.3		
HFA09069	281	2.0	4.0		
HFA09076	321	3.3	3.7		
HFA09077	172	5.8	4.6		
HFA09206	163	2.3	3.1		
HFA09230	262	6.8	6.8		
HFA09263	492	4.4	6.5	Zn-finger	IPR007087; Zn-finger, C2H2 type
HFA09271	359	0.8	3.3		
HFA09354	278	3.2	3.7		
HFA09394	305	1.8	3.6		
HFA09406	246	1.7	3.1		
HFA09408	379	2.4	3.9		
HFA11462	264	1.6	5.2		
HFA11593	278	-1.7	3.2	DNA-binding	IPR006578; MADF
HFA12011	239	-1.4	3.2		
HFA12050	271	1.1	3.1		
HFA12065	323	2.3	4.2		
HFA12447	506	2.9	3.7		
HFA12666	494	5.4	6.4		
HFA12723	511	2.3	4.5		
HFA12788	285	5.6	5.7		
HFA12796	235	4.6	5.6		
HFA13017	390	5.5	5.3	DNA-binding	IPR001766; Fork head transcription factor
HFA13053	351	1.9	4.2		
HFA13139	145	4.6	4.8		
HFA13145	276	2.6	3.2		
HFA13174	237	5.3	3.0		
HFA13190	198	1.0	3.2		
HFA13271	271	4.2	6.2		
HFA13286	168	1.1	3.4		
HFA13298	418	6.8	7.3		
HFA13530	299	0.7	4.2		
HFA13640	809	-0.6	4.7		
HFA13643	486	0.9	4.7	Other	IPR000313; PWWP domain
HFA13670	350	0.7	4.2		
HFA13740	265	2.6	4.3		
HFA13791	161	1.0	4.4		
HFA17708	449	2.8	5.9		
HFA17248	199	4.6	6.6		
HFA17379	366	1.9	4.7		
HFA17394	247	5.7	5.9		
HFA17506	290	5.2	5.4		
HFA17532	246	3.3	4.7		
HFA17609	242	3.2	2.6		
HFA17612	319	5.6	5.9		

	HFA18953	181	5.4	5.1		
	HFA18963	276	3.5	4.8		
	HFA18999	248	5.6	5.4		
	HFA19001	370	6.3	6.3		
	HFA19029	348	5.1	6.3		
	HFA19214	415	3.0	5.8	Energy and Metabolism	IPR005821; Ion transport protein
	HFA19236	178	1.8	3.5		
	HFA19267	339	1.2	3.5		
	HFA20451	414	0.4	4.8		
so	HFA07693	402	1.9	3.9	DNA-binding	IPR001356; Homeobox
CG8179	HFA07091	309	4.6	5.0		
CG13483	HFA10025	517	0.7	3.5	DNA-binding	IPR000910; HMG1/2 (high mobility group) box
BG:DS07721.3	HFA01970	280	3.1	4.5		
CG13260	HFA02245	508	0.4	3.5		
CG15157	HFA02458	503	5.1	5.7		
bs	HFA04676	511	3.8	5.0	DNA-binding	IPR002100; Transcription factor, MADS-box
CG14975	HFA08434	144	5.0	3.9		
Ubi-p63E	HFA08703	426	5.9	6.9	Proteasome and Ubiquitin	IPR000626; Ubiquitin
CG8615	HFA11016	579	3.2	4.1	Ribosome and protein synthesis	IPR000039; Ribosomal protein L18e
CG14155	HFA10157	481	3.4	5.4	RNA-binding	IPR000504; RNA-binding region RNP-1 (RNA recognition motif)
CG16918-x2	HFA15165	253	2.4	3.7	Other	IPR001254; Peptidase S1, chymotrypsin family
RpL32	HFA16835	456	3.5	3.7	Ribosome and protein synthesis	IPR001515; Ribosomal protein L32e
RpL22	HFA18707	481	3.8	4.3	Ribosome and protein synthesis	IPR002671; Ribosomal L22e protein
CG15469	HFA18052	392	4.0	4.4	DNA-binding	IPR007087; Zn-finger, C2H2 type; IPR000637; HMG-I and HMG-Y DNA-
CG15783	HFA18089	514	0.9	4.5	DNA-binding	IPR003654; Paired-like homeodomain protein, OAR
CG4136	HFA18349	515	3.2	5.8	DNA-binding	IPR001356; Homeobox
CG9817	HFA18446	472	3.1	4.9	Zn-finger	IPR007087; Zn-finger, C2H2 type
fru-x2	HFA16952	515	2.8	3.4	Other	IPR000210; BTB/POZ domain
EG:133E12.2	HFA18495	495	2.0	4.7	DNA-binding	IPR001628; Zn-finger, C4-type steroid receptor; IPR000536; Ligand-binc
CG4453	HFA19904	499	2.1	3.4	Zn-finger	IPR001876; Zn-finger, Ran-binding
CG11769	HFA14378	516	3.4	3.2		
CG15567	HFA15105	260	3.6	4.3		