

Supplementary Table 2: dIKK β -dependent genes in S2 cells

No	Probe Number	Flybase number	Gene name	Synonymous	dsGFP	ds-dIKK β	Ratio (dsdIKK β /dsGFP)	Putative function
1	A_09_P050691	FBgn0034407	DptB	Diptericin B	18 266	604	0.033	Antimicrobial peptide
2	A_09_P014826	FBgn0052185	edin	elevated during infection	19 547	746	0.038	Unknown
3	A_09_P064286	FBgn0041581	AttB	Attacin-B	25 796	1 298	0.050	Antimicrobial peptide
4	A_09_P177575	FBgn0012042	AttA	Attacin-A	7 049	512	0.073	Antimicrobial peptide
5	A_09_P030406	FBgn0014865	Mtk	Metchnikowin	613	51	0.083	Antimicrobial peptide
6	A_09_P217360	FBgn0053926	CG33926		37 130	4 437	0.119	Unknown
7	A_09_P219460	FBgn0000277	CecA2	Cecropin A2	14 357	1 762	0.123	Antimicrobial peptide
8	A_09_P207530	FBgn0034647	pirk	poor Imd response upon knock-in	9 180	1 201	0.131	Negative regulator of the IMD pathway
9	A_09_P076236	FBgn0038530	AttD	Attacin-D	821	121	0.147	Antimicrobial peptide
10	A_09_P027266	FBgn0034950	Pask	PAS kinase	861	128	0.149	Serine/threonine kinase
11	A_09_P060981	FBgn0039678	Obp99a	Odorant-binding protein 99a	10 453	1 689	0.162	odorant binding
12	A_09_P072481	FBgn0037562	CG11671		19 676	3 333	0.169	Unknown
13	A_09_P041621	FBgn0000276	CecA1	Cecropin A1	37 511	6 405	0.171	Antimicrobial peptide
14	A_09_P015351	FBgn0052368	CG32368		148 716	26 449	0.178	Unknown
15	A_09_P015371	FBgn0052373	CG32373		854	154	0.181	Calcium ion binding
16	A_09_P111805	FBgn0043578	PGRP-SB1	Peptidoglycan recognition protein SB1	1 353	248	0.183	Peptidoglycan recognition
17	A_09_P043921	FBgn0259175	ome	omega	5 766	1 180	0.205	Dipeptidyl-peptidase
18	A_09_P064281	FBgn0041579	AttC	Attacin-C	442	95	0.216	Antimicrobial peptide
19	A_09_P005846	FBgn0033453	CG1667		33 485	7 332	0.219	Stimulator of interferon genes protein (STING)
20	A_09_P076706	FBgn0024222	ird5	I-kappaB kinase β	878	200	0.227	Serine/threonine kinase
21	A_09_P053661	FBgn0035806	PGRP-SD	Peptidoglycan recognition protein SD	2 098	485	0.231	Peptidoglycan recognition
22	A_09_P018811	FBgn0031489	CG17224		24 995	6 018	0.241	Uridine phosphorylase
23	A_09_P061131	FBgn0039714	Zip99C	Zinc/iron regulated transporter-related protein 99C	56 742	14 283	0.252	iron ion transmembrane transporter
24	A_09_P018816	FBgn0031490	CG17264		7 368	1 891	0.257	CUB domain
25	A_09_P012361	FBgn0010388	Dro	Drosocin	235	67	0.284	Antimicrobial peptide
26	A_09_P079521	FBgn0027544	CG2217		380	109	0.287	Unknown
27	A_09_P066771	FBgn0029639	CG14419		2 004	580	0.290	Unknown
28	A_09_P101400	FBgn0260933	rempA	reduced mechanorecept or potential A	5 325	1 569	0.295	WD40 repeat
29	A_09_P020691	FBgn0032003	CG8349		731	216	0.295	cytidine deaminase
30	A_09_P014781	FBgn0052170	CG32170		6 387	1 923	0.301	Unknown
31	A_09_P183020	FBgn0003475	spir	spire	3 015	935	0.310	microtubule binding
32	A_09_P059841	FBgn0051436	CG31436		3 510	1 113	0.317	CHK kinase-like
33	A_09_P073846	FBgn0037906	PGRP-LB	Peptidoglycan recognition protein LB	191	63	0.330	Peptidoglycan recognition
34	A_09_P075686	FBgn0038395	CG10407		2 359	806	0.341	Haemolymph juvenile hormone binding
35	A_09_P026926	FBgn0034861	CG9815		12 101	4 139	0.342	Unknown
36	A_09_P010311	FBgn0004240	DptA	Diptericin A	233	82	0.350	Antimicrobial peptide
37	A_09_P018201	FBgn0031317	CG5118		13 080	4 634	0.354	Ankyrin repeat
38	A_09_P051121	FBgn0051092	LpR2	Lipophorin receptor 2	1 822	654	0.359	lipoprotein particle binding
39	A_09_P071736	FBgn0039356	CG5039		1 295	473	0.365	Unknown
40	A_09_P071301	FBgn0039239	CG13641		239	88	0.367	Unknown
41	A_09_P012336	FBgn0283461	Drs	Drosomycin	7 567	2 806	0.371	Antimicrobial

								peptide
42	A_09_P128140	FBgn0030310	PGRP-SA	Peptidoglycan recognition protein SA	43 850	16 511	0.377	Peptidoglycan recognition
43	A_09_P148150	FBgn0038720	CG6231		1 086	410	0.377	Major facilitator, sugar transporter-like
44	A_09_P113990	FBgn0052040	CG32040		1 077	407	0.378	Unknown
45	A_09_P041631	FBgn0000278	CecB	Cecropin B	5 203	1 972	0.379	Antimicrobial peptide
46	A_09_P215595	FBgn0034860	CG9812		1 100	438	0.399	Unknown
47	A_09_P073841	FBgn0037902	CG5281		3 540	1 441	0.407	Unknown, EamA domain
48	A_09_P048152	FBgn0045761	CHKov1		8 923	3 632	0.407	CHK kinase-like
49	A_09_P073666	FBgn0037853	CG14696		17 524	7 141	0.407	Arrestin-like
50	A_09_P090375	FBgn0250869	CG42240		2 412	1 006	0.417	Unknown
51	A_09_P007351	FBgn0261989	CG42807		2 561	1 073	0.419	Unknown
52	A_09_P030086	FBgn0014018	Rel	Relish	28 389	11 972	0.422	NF-kappa-B with Ankyrin repeat
53	A_09_P197075	FBgn0033153	Gadd45	Growth arrest and DNA damage-inducible 45	9 314	3 945	0.424	Regulation of cell cycle
54	A_09_P054616	FBgn0262007	CG42825		149	64	0.427	Major facilitator, sugar transporter-like
55	A_09_P054296	FBgn0035977	PGRP-LF	Peptidoglycan recognition protein LF	16 672	7 197	0.432	Peptidoglycan recognition
56	A_09_P000682	FBgn0053801	His1:CG33801		36 288	15 705	0.433	Chromatin DNA binding, Linker histone H1/H5
57	A_09_P166355	FBgn0039467	CG14253		2 938	1 288	0.438	Unknown
58	A_09_P194520	FBgn0037636	CG9821		2 980	1 306	0.438	Proline-rich nuclear receptor coactivator
59	A_09_P193310	FBgn0016977	spen	split ends	4 775	2 114	0.443	Nucleic acid binding
60	A_09_P017646	FBgn0053468	CG33468		441	195	0.443	Unknown
61	A_09_P054126	FBgn0035936	Tsp66E	Tetraspanin 66E	1 631	738	0.452	Tetraspanin
62	A_09_P012906	FBgn0261822	Bsg	Basigin	7 881	3 618	0.459	Immunoglobulin subtype
63	A_09_P208215	FBgn0021872	Xbp1	X box binding protein-1	4 300	1 986	0.462	Transcription factor activity
64	A_09_P114595	FBgn0010385	Def	Defensin	141	65	0.462	Antimicrobial peptide
65	A_09_P190255	FBgn0000382	csw	corkscrew	1 692	785	0.464	Protein tyrosine phosphatase
66	A_09_P185812	FBgn0038652	CG7720		465	216	0.465	Sodium/solute symporter
67	A_09_P168575	FBgn0265991	Zasp52	Z band alternatively spliced PDZ-motif protein 52	681	319	0.468	Muscle alpha-actinin binding
68	A_09_P064121	FBgn0041205	key	kenny	24 613	11 523	0.468	NF-kappa-B essential modulator NEMO
69	A_09_P154330	FBgn0003162	Pu	Punch	863	405	0.469	GTP cyclohydrolase
70	A_09_P068396	FBgn0265413	CG44325		755	355	0.470	Unknown
71	A_09_P162750	FBgn0262582	cic	capicua	7 135	3 413	0.478	Repressing transcription factor binding
72	A_09_P003781	FBgn0085359	CG34330		36 832	17 622	0.478	Unknown
73	A_09_P047396	FBgn0011592	fra	frazzled	542	262	0.483	Netrin receptor
74	A_09_P072756	FBgn0261015	Pif1A	PFTAIRE-interacting factor 1A	2 354	1 136	0.483	Janus kinase and microtubule-interacting protein
75	A_09_P049791	FBgn0267390	dop	drop out	1 886	925	0.490	Microtubule-associated serine/threonine-protein kinase
76	A_09_P064771	FBgn0011666	Msi	musashi	372	183	0.492	RNA binding
77	A_09_P050136	FBgn0029903	pod1	pod1	2 935	1 449	0.494	Actin filament binding, WD40 repeat
78	A_09_P019061	FBgn0031560	CG16713		262	130	0.495	Proteinase inhibitor Kunitz
79	A_09_P027121	FBgn0034909	CG4797		2 317	1 148	0.495	Major facilitator, sugar transporter-like
80	A_09_P071931	FBgn0039413	CG14556		270	134	0.497	Unknown

81	A_09_P005621	FBgn0033388	CG8046		10 214	5 083	0.498	Glycerol-3-phosphate dehydrogenase
82	A_09_P028136	FBgn0035169	CG13890		3 167	1 580	0.499	Crotonase superfamily