

Table 3. Genes Containing KH-type RNA Binding Domains in InterPro Database

CG Number	Gene Name	Best <i>S. cerevisiae</i>	Match Score	Best <i>C. elegans</i>	Match Score	Best <i>H. sapiens</i>	Match	Score	Comments
CG10293	<i>how</i>	YLR116W ( <i>MSL5</i> )	1.2e-22	T21G5.5b	1.2e-74	XP_037438.7 ( <i>QKI</i> )		3e-78	quaking homolog, KH domain RNA binding
CG11337	<i>CG11337</i>	YGR195W ( <i>SKI6</i> )	0.0028	BE0003N10.1	1.3e-115	NP_149100.1 ( <i>PNPT1</i> )		0.0	polyribonucleotide nucleotidyltransferase 1
CG11360	<i>CG11360</i>	YDL074C ( <i>BRE1</i> )	4.7e-05	F53G12.5a ( <i>mex-3</i> )	9.1e-17	XP_290645.1		9e-34	hypothetical protein DKFZp434J0617
CG12129	<i>CG12129</i>	YGR291C	0.97	C23H3.3	4.1e-25	NP_057031.1 ( <i>CGI-18</i> )		7e-38	CGI-18 protein
CG13425	<i>bl</i>	YBR233W ( <i>PBP2</i> )	9.5e-06	F26B1.2c	4.2e-32	NP_112553.1 ( <i>HNRPK</i> )		4e-40	Similar to hnRNPk
CG1691	<i>Imp</i>	YBR233W ( <i>PBP2</i> )	1.1e-11	M88.5	5.3e-33	NP_006537.2 ( <i>IMP-1</i> )		4e-88	IGF-II mRNA-binding protein 1
CG2950	<i>CG2950</i>	YOR319W ( <i>HSH49</i> )	2.5e-05	Y18D10A.8	4.4e-26	NP_112553.1 ( <i>HNRPK</i> )		0.073	heterogeneous nuclear ribonucleoprotein K
CG3249	<i>CG3249</i>	YBR233W ( <i>PBP2</i> )	0.026	C56G2.1b	1.4e-32	NP_003479.1 ( <i>AKAP1</i> )		4e-41	A kinase (PRKA) anchor protein 1
CG3584	<i>qkr58E-3</i>	YLR116W ( <i>MSL5</i> )	5.6e-14	T21G5.5a	1.1e-22	NP_006549.1 ( <i>KHDRBS3</i> )		2e-41	Similar to T-STAR
CG4816	<i>qkr54B</i>	YLR116W ( <i>MSL5</i> )	1.6e-11	E02D9.1b	1.1e-22	NP_689901.1 ( <i>KHDRBS2</i> )		7e-52	Similar to Sam68
CG5821	<i>qkr58E-2</i>	YLR116W ( <i>MSL5</i> )	1.8e-12	E02D9.1b	2.2e-19	NP_006549.1 ( <i>KHDRBS3</i> )		2e-44	Similar to T-STAR
CG5836	<i>SF1</i>	YLR116W ( <i>MSL5</i> )	6.6e-67	Y116A8C.32	3.3e-94	NP_004621.2 ( <i>SF1</i> )		e-133	SF1, interacts with pre-mRNA branchpoint
CG6779	<i>RpS3</i>	YNL178W ( <i>RPS3</i> )	5.3e-79	C23G10.3 ( <i>rps-3</i> )	5.9e-88	NP_000996.2 ( <i>RPS3</i> )		e-106	ribosomal protein S3
CG7082	<i>CG7082</i>	YJL080C ( <i>SCP160</i> )	0.001	C56G2.1b	3.1e-09	NP_006853.1 ( <i>TDRKH</i> )		1e-46	tudor and KH domain containing
CG7437	<i>mub</i>	YBR233W ( <i>PBP2</i> )	9.3e-15	Y119D3B.17 ( <i>pes-4</i> )	3.4e-46	NP_065389.1 ( <i>PCBP3</i> )		2e-92	poly(rC) binding protein 3
CG7878	<i>CG7878</i>	YNL112W ( <i>DBP2</i> )	5.1e-97	Y54G11A.3	1.4e-102	NP_061135.1 ( <i>DDX43</i> )		e-159	DEAD (Asp-Glu-Ala-Asp) box polypeptide 43
CG8144	<i>ps</i>	YBR233W ( <i>PBP2</i> )	1.7e-09	Y59A8B.10	7.3e-35	NP_006480.1 ( <i>NOVA1</i> )		3e-90	neuro-oncological ventral antigen 1
CG8912	<i>Psi</i>	YBR233W ( <i>PBP2</i> )	3.1e-05	C12D8.1a ( <i>akt-1</i> )	5.3e-40	NP_003676.1 ( <i>KHSRP</i> )		7e-79	Similar to KSRP