Protists	E. histolytica AGO1	EMS14207.1				
	L. HISIOIYIIGA AGO I	ENS14207.1 0		250 PAZ	500 Piwi	750
	E. histolytica AGO2	EMS11392.1		250 PAZ	500 Piwi	750 885
	T.vaginalis AGO1	XP_001329688.1	0 ArgoN	250 PAZ	500 Piwi	750 809
	T.vaginalis AGO2		Hrgon	PHZ	P1W1	
		XP_001327061.1	0	250 PAZ	500	, , 734
				PHZ	Piwi	
Ciliates	O. trifallax OTIWI1	AEX87959.1		250	500	
				PAZ	Piwi	
	O. trifallax OTIWI5	AEX87967.1 0		250	500	750 '858
				PAZ	Piwi	
	O. trifallax OTIWI7	AEX87969.1 0		250 PAZ	500 Piwi	750
	<i>P. tetraurelia</i> Ptiwi01	XP_001456124.1		250	500	
			•	PAZ	Piwi	/30
	P. tetraurelia Ptiwi02	CAI44470.1 0		250	500	. <u>1</u> 764 750
				PAZ	Piwi	
	P. tetraurelia Ptiwi06	XP_001452498.1	0	250	500	773
	T. thermophila Twi10	XP_001027583.2		PAZ	Piwi	775
		XP_001027363.2	0	250 PAZ	500 Piwi	750
	T. thermophila Twi11	XP_001011123.3	,	250		
			0	PAZ	500 Piwi	750
	T. thermophila Twi12	XP_001013933.2	, , ,	250	500	750 874
				PAZ		
Insects	D. melanogaster PIWI	NP_001285825.1	· · · ·	250	500	750 843
	-		Ŷ	PAZ	Piwi	750
	D. melanogaster AGO3	NP_001036627.2	0	250	500	750 867
				PAZ ArgoL1	Piwi Mga GAIN	
	D. melanogaster	NP_476734.1		250		750 866
	aubergine	0	Arg		500 Piwi	750
	B. mori SIWI	NP_001098066.2		250	500	750 899
			Ŷ	ArgoN PAZ	Piwi	750
Pfam functional dom	ain Pfam description					
ArgoL1 (PF08699) Linker region between		the N-termina	al and the	PAZ domains found in Ar	gonaute proteins.	
ArgoN (PF16486)	N-terminal domain of Argonaute proteins in Eukaryotes.					
GAIN (PF16489)	G-protein coupled receptor autoproteolysis inducing domain. Functions in cell adhesion and autoproteolysis.					
Mga (PF05043)	M regulator protein trans-acting positive regulator is a DNA-binding protein that activates the expression of several important virulence genes in group A streptococcus in response to changing environmental conditions. This domain is found in the centre of the Mga proteins.					
PAZ (PF02170)	The function of the domain is unknown but has been suggested to mediate complex formation between proteins of the Piwi and Dicer families by hetero-dimerization.					
Piwi (PF02171)	The function of this domain is the dsRNA guided hydrolysis of single stranded RNA.					