[Spindle Screen] [Next]

[83	59 pm															PhpLabin	are version
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-		-	129	~	S	_	-			-		C-Cear	gtub area	P-13-	14	15	16
			/	· †	1					-		-Weak	short spindles		-		210
	s syntal 0	A 66	v a plate v		V & col V	A RINA U	A repeats 7	∆ cells/mage V	A minute or	4 ME 7	A positive	manual hits	computer hits	A remarks V	A gatheries 7	- GFP	Action
-	CG31347	31347	129	A	1	probe info		95.45	5.81%	No	No	· · · · ·			12		011
	CG14391	14391	129	A	2	probe info		94.43	8.50%	No	No				123		027
	CG14394	14394	129	A	3	probe info		97.69	10.57%	No	No				1234		22
	beat-vc	14390	129	2	-	probe into		91.29	5.27%	No	No				12		
	beat-Vb	31298	129	Ä	6	probe info	6	108.02	7.14%	No	No				123		62
							0					Long spindle -		I see seinde			
Spc25? - GG	CG7242	7242	129	۸	7	probe info	Repeat	112.86	9.14%	Yes	No	Clear Long spindle Misalign	long spindles high-circ2num	-Clear Misalign - Clear	123		22
	CG14384	14384	129			probe info		96.90	5.95%	No	No	Msalgn - Clear			12		21
cilyA-binding	G G I Hages	1.0004	-4.5														
protein interacting protein 2	Paip2	12358	129	*	9	probe info		119.71	9.43%	No	No				1234		• 2
	CG31342	31342	129	A	10	probe info		96.02	9.79%	No	No				1234		21
	CG14383	14383	129	A	11	probe info		140.21	8.47%	No	No				1234		P 2
			129	A	12			144.57	8.23%	No	No				1234		22
yellow-?	yelow?	18550	129		1	probe info		73.62	7,21%	No	No				12		
	yellow-12 C02518	2518	129		2	probe into		72.67	4.88%	NO	No		shoet spindles		12		
	C011656	11654	129	8	4	probe into		98.67	7.55%	No	No		short spinores		123		
ethal (3) 87Df	k3W2Dr	7620	129	8	5	probe info		91.90	8.89%	No	No				123		01
	CG31157	31157	129	8	6	probe info		97.05	8.59%	No	No				123		21
	CG17319	17319	129		7	probe info		101.95	9.90%	No	No				1234		21
	CG8508	8508	129	в	8	probe info		99.76	8.88%	No	No				123		21
	CG14380	14380	129	в	9	probe info		71.93	7.55%	No	No				12		P 2 -
	CG8141	8141	129	8	10	probe info		87.88	8.51%	No	No				123		P 2
	CGM76	8476	129		11	probe info		74.88	9.70%	NO	NO				123		
	Brook	15889	129		12	probe into		75.07	7.45%	No	No				123		
suppressor of	merus	1.30009	14.7			proper and		11.00	1,40.4	-							
ariegation 3-7	Su(var)3-7	8599	129	c	2	probe into		81.07	7,42%	NO	NO				123		- 2
	CG15888	15888	129	C	3	probe info		82.71	6.30%	No	No				12		P2
	A ALLER .	TERM .	6.83			ALL ALL ALL			0.0.00	100		*******		*******		******	-

Searches in the database can be carried out on any of the columns shown, and search statements in multiple columns are executed using a logical 'AND'. Data can be sorted on any column using the up- and down-arrows in the column titles. Searches in numeric fields can be implemented using a range (i.e. 30-40) or using multiple, comma-separated numbers (31,37,38). Hyperlinks link to the spindle galleries (column 14), information on the RNAi probe used (column 5) and repeats (column 6). The columns contain the following information:

(Link 5) Screenshot of the web page describing the RNAi reagents. Primer sequences for every gene tested are given. The hyperlink in the 'plate' field leads to an image of the gel run with dsRNA from that particular plate. Loading was with alternating rows (i.e., order is A1 B1 A2, etc..).

(Link 6) Selecting 'Repeat' in the main page starts a search for all instances in which this gene was tested in the screen.

(Link 11) Searches can be performed on a specific phenotypic description (in this case: Anastral - Clear), by selecting the phenotype and clicking the 'Search' button or pressing Enter.

(Link 14) Galleries (jpg version of the data used to perform the analysis) can be directly accessed from the web interface. Note that the image quality is reduced from the original images due to conversion to the jpg format.

(Link 15) Figures showing the localization of GFP-fusion proteins (if prepared).

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												Supplemental Figure 2-4							
Se	Search 11 e.g. "Anastral, Clear"																		
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name V	n symbol V	A 60 9	ð plate ⊽	A 104 3	a est s	A RNA U	A repeats V	A collisionage V	A mitotic v	6 NR V	A positive central		Computer hits	* * a remarks V anostral - Clear	s galaries 1	A secalization			
polo	SAK polo	7186	62	в	4	probe info		158.31 63.02	5.09%	Yes	Yes	Anastral - Clear Monastral Dipolar Monastral Anastral Anastral - Clear	monopolar monopolar dm glub in poles	monastitel bipolar - Clear anastitel - Clear I Reit this is very similar to polo phenotype Clear Anastitel spindle but polo is very well focused.	123				
ntrosomin	onn	4832	107	н	11	probe info		160.52	5.01%	Yes		Anastral Anastral - Clear		phenotype is very similar to centrosomin itsett - Chear Anastral - Clear Misalign -	12				
ipd2-66	CG17286	17286	122	•	•	probe info		80.92	7.59%	Yes	No	Dim pub Misalipi Misalipi - Weak Misalipi - Weak Misalipi - Weak Anastal bipolar - Clear Dim pituh - Clear Monastal bipolar		Vieak Dimmer g-tub signals - Clear clear monusital bipolar - Clear	12				
known -00	C06631	6631	134	8	11	probe info	Repeat	99.33	9.64%	Yes	No	Monastral bipolar - Clear Anastral Anastral - Clear Monastral bipolar	monopolar	bipolar - Clear Anastral - Clear	1234				

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