

10/1.219	· 2195 . 10×1 . 2195		L4s							
37,189	ED::3X[120]	1011-1011-129: mut:3X1129:	GFP::3xFLAG::ALG-3	<u>20°C</u> + +	<u>25°(</u> +	<u>C</u> + + + -				
n cara an	QIF	QIF	anti-Flag		-					
		and the second	anti-Tubulin							
			Ratio ALG-3 / Tubulin	0.49 0.53	0,00 (					
				 20°C	ls 25℃					
SA			GFP::3xFLAG::ALG-4 <i>mut-16(pk710)</i>	<u>- +</u>	+ -	<u></u> + + + -				
			anti-Flag							
	and a second		anti-Tubulin							
			Ratio ALG-4 / Tubulin	0,00 0,00	0.03 0;	2, <sup>0</sup> 0,				
<u>.</u>				<u>Fut</u>	<u>ure D</u>	)irec				
ility defect in <i>mut-16 mutants.</i>			• Our goal is identify how the ALG-3/4 path							
WT of L4s and young adults., RNA and mRNA libraries. <i>nut-16 (</i> pk710) vs WT. WT L4s and young adults. 6 (pk710) vs WT L4s and			<ul> <li>pathways control sperm development?</li> <li>We wish to employ high throughput bio quencing data on <i>alg-3/4</i> double mutant an Perform co-IP on ALG-3 an ALG-4 in <i>mut-1</i></li> </ul>							
						Identifying and unders	tanding ç	<b>jermli</b> ı	ne sm	
red for spermatogenesis-specific 26G-RNAs and Acad Sci U S A 107, 3588-3593 (2010). ack Loop Maintains Proper Levels of 22G-RNAs in			<ul> <li>veloping effective therapeutic approaches</li> <li>This research would add to our incomplet contributing to infertiliy in both males and</li> </ul>							