

Supplementary Table 5. Number of genes with significant differences in expression between stages of spermatogenesis (2-fold cutoff)

<i>2-fold cutoff</i>		Early changes (premeiosis:meiosis)				Late changes (meiosis:postmeiosis)				Net change (premeiosis:postmeiosis)			
chromosomal arm	# expressed	down		up		down		up		down		up	
2L	2204	318	(14.4%)	353	(16.0%)	545	(24.7%)	305	(13.8%)	707	(32.1%)	471	(21.4%)
2R	2356	380	(16.1%)	351	(14.9%)	553	(23.5%)	361	(15.3%)	712	(30.2%)	507	(21.5%)
3L	2335	329	(14.1%)	337	(14.4%)	535	(22.9%)	302	(12.9%)	723	(31.0%)	434	(18.6%)
3R	3009	441	(14.7%)	371	(12.3%)	714	(23.7%)	406	(13.5%)	943	(31.3%)	590	(19.6%)
4	58	16	(27.6%)	4	(6.9%)	11	(19.0%)	11	(19.0%)	24	(41.4%)	4	(6.9%)
X	1943	318	(16.4%)	173	(8.9%)	350	(18.0%)	312	(16.1%)	540	(27.8%)	328	(16.9%)
A*	9904	1468	(14.8%)	1412	(14.3%)	2347	(23.7%)	1374	(13.9%)	3085	(31.1%)	2002	(20.2%)
X vs A (<i>FET P</i> -value)		0.083		4.63E-11		2.57E-08		0.013		0.003		6.65E-04	

*autosomal totals exclude genes on the 4th chromosome