

Supplementary Table 3. Number of genes with significant differences in expression between stages of spermatogenesis (FDR = 0.005)

<i>FDR = 0.005</i>		Early changes (premeiosis:meiosis)		Late changes (meiosis:postmeiosis)		Net change (premeiosis:postmeiosis)	
chromosomal arm	# expressed	down	up	down	up	down	up
2L	2204	358 (16.2%)	332 (15.1%)	404 (18.3%)	229 (10.4%)	598 (27.1%)	420 (19.1%)
2R	2356	422 (17.9%)	325 (13.8%)	380 (16.1%)	278 (11.8%)	610 (15.9%)	448 (19.0%)
3L	2335	392 (16.8%)	328 (14.0%)	351 (15.0%)	233 (10.0%)	589 (25.2%)	421 (18.0%)
3R	3009	532 (17.7%)	360 (12.0%)	480 (16.0%)	301 (10.0%)	757 (25.2%)	512 (17.0%)
4	58	22 (37.9%)	5 (8.6%)	7 (12.1%)	8 (13.8%)	21 (36.2%)	5 (8.6%)
X	1943	324 (16.7%)	195 (10.0%)	239 (12.3%)	215 (11.1%)	433 (22.3%)	319 (16.4%)
A*	9904	1704 (17.2%)	1345 (13.6%)	1615 (16.3%)	1041 (10.5%)	2554 (25.8%)	1801 (18.2%)
X vs A (<i>FET P</i> -value)		0.598	1.54E-05	6.37E-06	0.468	0.001	0.065

*autosomal totals exclude genes on the 4th chromosome