

Additional file 7: χ^2 test on the number of PS repressed genes and PS repressed genes that are not reactivated in RS for X and Y chromosomes

p value of χ^2 test for X chromosomes vs autosomes	Y	3	6	14
For the proportion of pachytene repressed genes	7.62E-02	1.22E-50	2.25E-46	2.15E-33
For the proportion PS repressed genes that are not reactivated in RS	4.20E-01	5.64E-01	5.83E-02	6.55E-09

p value of χ^2 test for Y chromosomes vs autosomes...	16	18
For the proportion of pachytene repressed genes	2.24E-07	1.20E-06
For the proportion PS repressed genes that are not reactivated in RS	7.46E-02	2.58E-01