

Additional file 8: χ^2 test on the number of genes enriched in RS and RS specific genes for X and Y chromosomes and chromosome 14

p value of χ^2 test for X chromosome vs autosomes	Y	3	6	14
For the proportion of genes enriched in RS	6.89E-75	2.15E-03	2.24E-02	2.20E-03
For the proportion of RS specific genes	3.91E-118	6.26E-06	4.12E-08	7.28E-01

p value of χ^2 test for Y chromosome vs autosomes	16	18
For the proportion of genes enriched in RS	7.40E-78	9.09E-75
For the proportion of RS specific genes	1.00E-124	5.76E-119

p value of χ^2 test for chromosome 14	10
For the proportion of genes enriched in RS	1.94E-12
For the proportion of RS specific genes	1.02E-12