

Supplementary Table 5. Copy numbers of rhesus, human, and chimpanzee MSY genes

Origin	Stratum	Gene	Copy number of gene in indicated species			
			Rhesus	Human <sup>1</sup>	Chimpanzee <sup>2</sup>	
Ancestral	1	<i>SRY</i>	1	1	1	
		<i>RBMV</i>	1	6	6	
		<i>RPS4Y1</i>	1	1	1	
		<i>RPS4Y2</i>	1	1	1	
		<i>HSFY</i>	3	2	0	
	2	<i>KDM5D</i>	1	1	1	
		<i>TSPY</i>	5	35	6	
	3	<i>ZFY</i>	1	1	1	
		<i>DDX3Y</i>	1	1	1	
		<i>UTY</i>	1	1	1	
		<i>EIF1AY</i>	1	1	1	
		<i>CYorf15A</i>	1	1	1	
		<i>CYorf15B</i>	1	1	0	
		<i>USP9Y</i>	1	1	0	
		<i>TMSB4Y</i>	1	1	0	
	4	<i>AMELY</i>	1	1	1	
		<i>NLGN4Y</i>	1	1	1	
		<i>TBL1Y</i>	1	1	0	
	5	<i>PRKY</i>	1	1	1	
		<i>MXRA5Y</i>	1	0	0	
<b>Total:</b>			<b>26</b>	<b>59</b>	<b>24</b>	
Added		<i>DAZ</i>	2	4	4	
		<i>CDY</i>	2	4	5	
		<i>XKRY</i>	1	2	0	
		<i>VCY</i>	0	2	2	
		<i>BPY2</i>	0	3	2	
		<i>PRY</i>	0	2	0	
		<i>PCDH11Y</i>	0	1	0	
		<i>TGIF2LY</i>	0	1	0	
	<b>Total:</b>			<b>5</b>	<b>19</b>	<b>13</b>
	<b>Grand Total:</b>			<b>31</b>	<b>78</b>	<b>37</b>

<sup>1</sup>Gene numbers for human from Skaletsky *et al.*, 2003, Nature 423:825-37

<sup>2</sup>Gene numbers for chimpanzee from Hughes, *et al.* 2010, Nature 463:536-9