

Table 3. Average male chiasma counts per genome per meiosis.

Species	Haploid chromosome number	Number of chromosome arms/haploid genome	Average chiasma count	Chiasma in excess of the number of chromosome arms
Human	23	41	53 ¹	12
Baboon	21	42	41.5 ¹	-0.5
Macaque	22	42	39 ¹	-3
Mouse	20	20	23 ¹	3
Rat	21	33	29.5 ¹	-3.5
Horse	32	41	50.5 ¹	9.5
Cat	19	38	50.5 ¹	12.5
Dog	39	39	80.5 ¹	41.5
Pig	27	32	40 ¹	8
Sheep	19	31	55 ¹	24
Cow	30	31	55 ¹	24
Wallaby	8	14	23 ²	9
Opossum	<u>9</u>	<u>15</u>	<u>21.5^{3,4}</u>	<u>6.5</u>
CFTR	$H_p^2=0.791$ $P=0.0331$	$H_p^2=1.00$ $P=0.0015$	$H_p^2=0.997$ $P=0.0170$	$H_p^2=0.956$ $P=0.0239$
Mitochondria	$H_p^2=0.698$ $P=0.0534$	$H_p^2=1.00$ $P=0.0015$	$H_p^2=0.999$ $P=0.0046$	$H_p^2=0.997$ $P=0.0201$

¹Burt and Bell 1987.²Sharp and Hayman 1988.³Hayman et al. 1988.⁴Carvalho et al. 2002.