Table 2
Estimates of microsatellite mutation rate

Estimated average rate	umber of microsatellite loci on which estimate was based	Method of estimation	Citation
3 X 10^{-4} to 4 X 10^{-3}	3 di	Linkage disequilibrium with presumed founder mutation	Hastabacka, 1992
1.2 X 10^{-4} and 4.7 X 10^{-4}	2 di	Nine series of recombinant inbred mouse strains and parental inbred strains analysed for non-parental length variants	Dallas, 1993
2.3 X 10^{-5} to 15.9 X 10^{-5}	5 tri and tetra	Indirectly using maximum likelihood method	Edwards et al. , 1992
5.6 X 10^{-4}	15 di	Mutation events counted as seen in large-scale genotyping of CEPH families	Weber and Wong, 1993
2 X 10^{-3}	3 tetra and penta	mutations observed in 3 generation porcine pedigree	Ellegren, 1995
6 X 10^{-5}	42 di	mutations observed in 3 generation porcine pedigree	Ellegren, 1995
2.1 X 10^{-3}	9	4 mutations in 1917 germ line transmission of Y-STRs in multi generation human pedigree	Heyer et al. 1997
5.7 X 10^{-4}	7	0 mutations of 1743 human meiosis in father-son paris for Y-STRs	Bianchi et al. 1998
3.19 X 10^{-3}	1	2 mutations in 626 human meiosis in father-son pairs for Y-STRs	Kayser et al. 1997
2.80 X 10^{-3}	15	14 mutations in 4999 meiosis in father-son paris using Y-STRs	Kayser et al. 2000
2.1 X 10^{-3}			Brinkmannet al. 1998
2.7 X 10^{-3}			Henke and Henke, 1999
0.6 X 10^{-3}			Sajantila et al. 1999