

CORRIGENDA

In the article by C. Schlötterer, C. Vogl and D. Tautz (*Genetics* **146**: 309–320, May 1997) entitled “Polymorphism and locus-specific effects on polymorphism at microsatellite loci in natural *Drosophila melanogaster* populations” appendix a has the following corrections:

Page 318, column 2, lines 15–25, should be replaced with: “and equal mutation rates among populations, the sum of the squared differences of the row-means from the grand mean weighted by the inverse of the variance,

$$K \sum_{l=1}^L d_l,$$

is approximately chi-square distributed with $(L - 1)$ degrees of freedom under the assumption of equal population sizes of all populations.

The sum of the squared differences of the column-means from the grand mean weighted by the inverse of the variance,

$$L \sum_{k=1}^K d_k,$$

is approximately chi-square distributed with $(K - 1)$ degrees of freedom, under the assumption of equal mutation rates at all loci.”

On page 318, column 2, the formula given in line 27 has $(L - 1)(K - 1)$ degrees of freedom, and page 318, column 2, lines 30–36, should read “For large K and L , deviation might be attributed to a particular locus-population combination by multiplying $v_{kl} - u_{kl}$ with

$$\frac{KL}{(K - 1)(L - 1)\sqrt{\hat{V}[v_{kl}]}}.$$

The level of significance α can be looked up from a table for the normal distribution. To account for multiple testing the specified experimentwise error rate α_E can be corrected by the Bonferroni method, $\alpha_E = \alpha / (K - 1)(L - 1)$ for a one-sided test and $\alpha_E = \alpha / 2(K - 1)(L - 1)$ for a two-sided test.” The conclusions of the article are not affected by the corrigendum.

In the article by Laurie A. Shepel, Hong Lan, Jill D. Haag, Gerlyn M. Brasic, Megan E. Gheen, Jason S. Simon, Peter Hoff, Michael A. Newton and Michael N. Gould (*Genetics* **149**: 289–299, May 1998) entitled “Genetic identification of multiple loci that control breast cancer susceptibility in the rat,” on page 295 in Table 1 continued, for Chromosome 8 the numbers in the second column are correct, but they should appear shifted up one row.