Corrigendum for García-Dorado, *GENETICS* 190 (4) 1461-1476.

CORRIGENDUM

In the article by A. García-Dorado entitled "Understanding and Predicting the Fitness Decline of Shrunk Populations: Inbreeding, Purging, Mutation, and Standard Selection" (*GENETICS*: 190, 1461–1476), on page 1463 the expression for the purged coancestry coefficient of individual **A** with itself contained a misprint and has been updated. The correct expression was used in the simulation programme, so that the misprint does not affect the validity of the results reported. The following expression:

γ(AA) = [1 + *f*(A)] [1-2*d* *f*(A)] / 2,

should read:

γ(AA) = [1 + *g*(A)] [1-2*d* *f*(A)] / 2.

Additionally, on page 1463 the equation in the following sentence has been updated. This change does not affect any part of results reported, as the equation is a previous poor approximation, given as part of an explanatory paragraph. The following sentence:

"…see Equation 1 in García-Dorado (2008), or the expression $g_t = g\{1 - [(1 - f_t)(1 - d)^t]$ given a few lines below it. "

should read:

"…see Equation 1 in García-Dorado (2008), or the expression $g_t = \hat{g}\{1 - [(1 - f_t)(1 - d)^t]\}$ given a few lines below it. "