Correction

EVOLUTION

Correction for "Deep evolutionary conservation of autism-related genes," by Hagai Y. Shpigler, Michael C. Saul, Frida Corona, Lindsey Block, Amy Cash Ahmed, Sihai D. Zhao, and Gene E. Robinson, which was first published July 31, 2017; 10.1073/pnas.1708127114 (*Proc. Natl. Acad. Sci. U.S.A.* **114**, 9653–9658).

The authors note that on page 9654, right column, second full paragraph, lines 4–5, "PC1, PC2, and PC3 accounted for 10.5%, 7.2%, and 5.5% of the variance in MB gene expression, respectively" should instead appear as "PC1, PC2, and PC3 accounted for 27.8%, 13.0%, and 7.5% of the variance in MB gene expression, respectively." As a result, Fig. 1 and Fig. S2 in the *SI Appendix* appeared incorrectly. The corrected Fig. 1 and its legend appear below. The corrected Fig. S2 can be found in the *SI Appendix*, which has been corrected online.

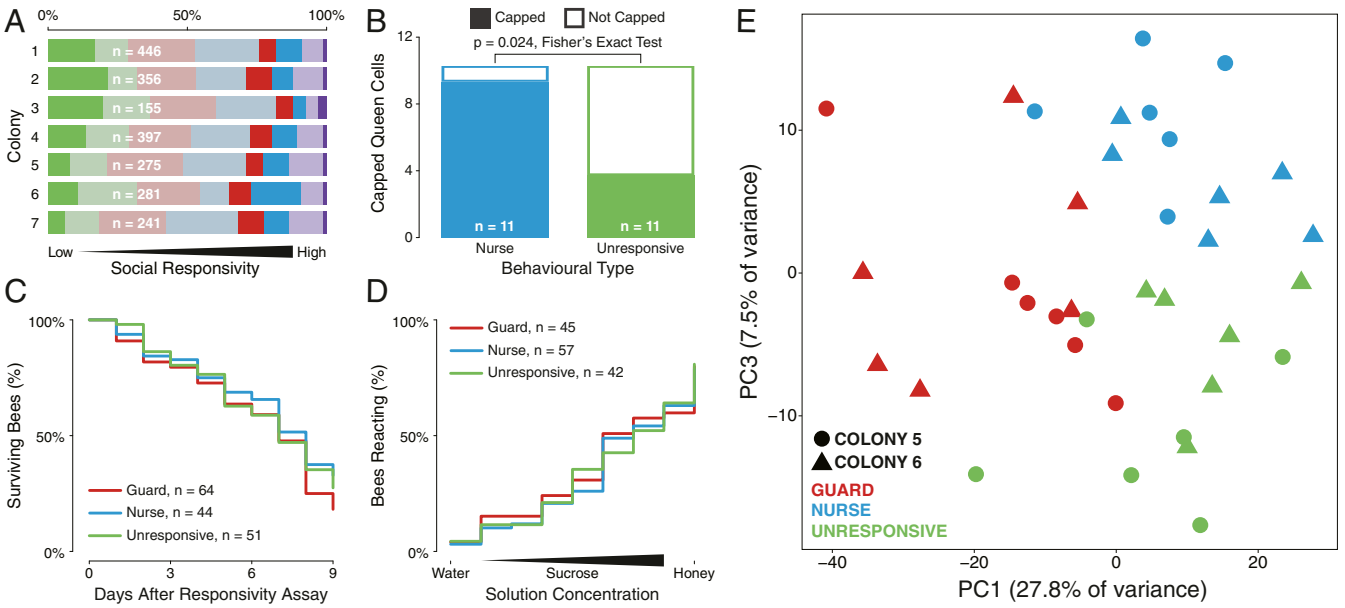

Fig. 1. Behavioral responses to social stimuli vary among individual bees. (*A*) Proportion of individuals of different behavioral types. Unresponsive individual honey bees (deep green) did not display a response to social stimuli. Guards (deep red) responded with aggression to two social challenge trials. Nurses (deep blue) responded with nursing to two social opportunity trials. Highly responsive individuals (deep purple) responded to all four social stimulus trials. Other categories include bees that showed weak responses to social stimuli (light green), single responses to a social challenge (light red) or social opportunity (light blue), or another mixture of behavioral responses (light purple). (*B*) Exposure to a strong social stimulus did not change the behavior of unresponsive individuals. There was (*C*) no difference in survival or (*D*) sucrose perception of individuals with different levels of social responsiveness. Survival: log-rank test, $\chi^2_{(2)} = 1.56$, $P = 0.46$; proboscis extension response: Kruskal–Wallis test, $\chi^2_{(2)} = 0.093$, $P = 0.95$. (*E*) Principal-component analysis (PCA) of genes differentially expressed in the MBs at FDR of <0.10 revealed 2 PCs that together reliably separate guards, nurses, and unresponsive bees ($n = 12$ per group).

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