SUPPLEMENTARY NOTE

To test for anatomic specificity among the five primary gyri of the insula and the adjacent operculum areas for the expectancy effects on primary taste cortex, anatomically based ROIs were created using high resolution anatomical images\(^1\)-\(^2\). A Region (Anterior Short Gyrus, Middle Short Gyrus, Posterior Short Gyrus, Anterior Long Gyrus, Posterior Long Gyrus) X Hemisphere (Left, Right) X Condition (Misleading, Aversive) repeated-measures MANOVA was conducted for the insula. The analogous MANOVA for the operculum was conducted with Region (Anterior Frontal Operculum, Posterior Frontal Operculum, Parietal Operculum, Anterior Temporal Operculum, Posterior Temporal Operculum) as a within-subjects factor. Support for regional specificity would be provided by a Condition X Region interaction. The dependent measure for this analysis was area under the curve across all time points of a trial, because visual inspection of the time courses (Figs. 3, 5, 6, and S1) indicated differential levels of percent signal change for the misleading and aversive conditions prior to the hemodynamic response elicited by the highly aversive tastant. As for the main analyses in this report, these MANOVAs were conducted on adjusted activation values after partialing out baseline activity averaged across the first 3 s of each trial. The same pattern of results was obtained for a truncated 10-s range of time points corresponding to the taste period.

SUPPLEMENTARY NOTE REFERENCES
