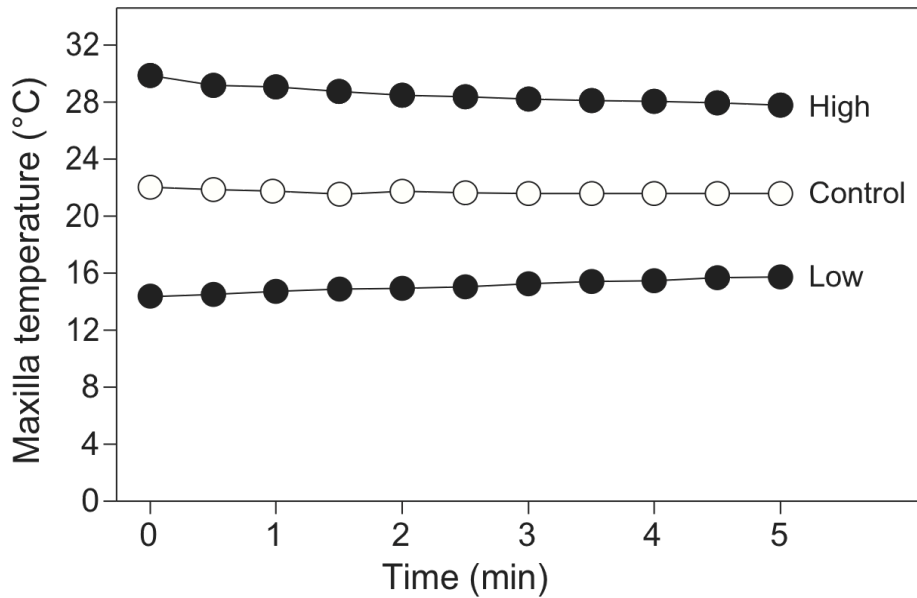


Supplementary Files

Gustatory receptor neurons in *Manduca sexta* contain a TrpA1-dependent signaling pathway that integrates taste and temperature

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Supplemental Figure S1. Stability of maxilla temperature over the 5-min test sessions. Prior to each recording session, we equilibrated the maxilla at the low (14°C), control (22°C) or high (30°C) temperature. To generate each line, we recorded the temperature of each maxilla repeatedly (i.e., every 30 s) over the 5-min session. We present mean \pm S.E. (note that the error bars are too small to be visible); N = 4 maxilla per line.

Supplemental Table S1. Putative *M. sexta* *TrpA* and *TrpN* family members identified by comparison to sequences from other insects.

Accession number, <i>M. sexta</i> predicted protein set	Identity
Msex002525	<i>MsexTrpA1</i>
Msex008334	<i>MsexTrpA5-1</i>
Msex008339	<i>MsexTrpA5-2</i>
Msex008336	<i>MsexTrpA5-3</i>
Msex005326	<i>MsexPain</i>
Msex007637	<i>MsexPyr</i>
Msex003845	<i>MsexWtwr</i>
Msex003842	<i>MsexWtwr2</i>
Msex003507	<i>MsexTrpN</i>

Accession numbers for the predicted protein sequences (*Manduca* OGS proteins database, June 2012 release, agripestbase.org) are shown in the left column. We assigned putative identities based on the cluster analysis in Figure 4.