**Figure 4-source data 1**

|  |  |
| --- | --- |
| Model parameter | Value (unit) |
|  | 0.09 (s-1) |
|  | 0.15 (s-1) |
|  | 7.0 (nC) |
|  | 4.4 (nC) |
|  |  |
| Sucrose function parameter |  |
|  | 0.001-20 (s-1) |
|  | 0.36 (s) |
|  | 0.20 (s) |
| Duration of sucrose pulse | 7 (s) |

**Parameter values Figure 4B**

|  |  |
| --- | --- |
| Model parameter | Value (unit) |
|  | 0.09 (s-1) |
|  | 0.15 (s-1) |
|  | 7.0 (nC) |
|  | 4.4 (nC) |
|  |  |
| Sucrose function parameter |  |
|  | 0.01-10 (s-1) |
|  | 0.36 (s) |
|  | 0.20 (s) |
| Duration of sucrose pulse | 7 or 20 (s) |

**Parameter values Figure 4-figure supplement 1**