**SUPPLEMENTARY TABLE 2** Overview of individual antennal-lobe local interneurons

| Type         | ID | N | PCx | MGC | LPOG | VPGs | OGs | Figure |
|--------------|----|---|-----|-----|------|------|-----|--------|
| MGC-AllGs    |    |   |     |     |      |      |     |        |
| LN1          | 1  | o | o   | ●   | ●    | ●    |     | 9      |
| LN2          | 1  | ● | ●   | ○   | ○    | ●    |     | 9      |
| LN3          | 2  | ● | o   | x   | o    | ●    |     | 9      |
| LN4          | 1  | o | ●   | ●   | ●    | ●    |     | 9      |
| LN5          | 2  | ● | ●   | ○   | ●    | ●    |     | 9      |
| LN6          | 1  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN7          | 2  | ● | ●   | o   | o    | ●    |     | 8c     |
| LN8          | 1  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN9          | 2  | ● | ●   | ●   | +    | ●    |     | 9      |
| LN10         | 1  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN11         | 1  | ○ | ○   | ●   | ●    | ●    |     | 9      |
| LN12         | 1  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN13         | 2  | ○ | ○   | ●   | ●    | ●    |     | 9      |
| LN14         | 2  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN15         | 1  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN16         | 1  | ● | ○   | ●   | ●    | ●    |     | 9      |
| LN17         | 1  | ● | ○   | ●   | ●    | ●    |     | 9      |
| LN18         | 1  | + | ●   | ●   | ●    | ●    |     | 9      |
| LN19         | 1  | ● | ○   | ○   | ●    | ●    |     | 9      |
| LN20         | 1  | ● | ●   | x   | ●    | ●    |     | 9      |
| LN21         | 1  | x | o   | o   | ●    | ●    |     | 8b     |
| LN22         | 1  | ● | o   | x   | ○    | ●    |     | 9      |
| LN23         | 1  | ● | ●   | o   | ●    | ●    |     | 9      |
| LN24         | 1  | ● | ●   | o   | ●    | ●    |     | 9      |
| LN25         | 2  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN26         | 1  | ● | o   | ●   | ●    | ●    |     | 9      |
| LN27         | 1  | ○ | ○   | ●   | ●    | ●    |     | 9      |
| LN28         | 2  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN29         | 1  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN30         | 1  | ● | ●   | —   | —    | ●    |     | 9      |
| LN31         | 1  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN32         | 1  | ● | ●   | —   | —    | ●    |     | 9      |
| LN33         | 1  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN34         | 1  | ○ | ○   | ●   | ●    | ●    |     | 9      |
| LN35         | 1  | ● | ●   | x   | ○    | ●    |     | 9      |
| LN36         | 1  | ● | ●   | —   | —    | ●    |     | 9      |
| LN37         | 1  | ● | o   | ●   | ●    | ●    |     | 9      |
| LN38         | 2  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN39         | 1  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN40         | 1  | ● | —   | ●   | ●    | ●    |     | 9      |
| LN41         | 1  | ● | ●   | ●   | ●    | ●    |     | 9      |
| LN42         | 1  | ● | ●   | o   | ●    | ●    |     | 8a     |
| LN43 | 1 | ● | ● | ● | ● | ● | 9 |
| LN44 | 1 | ● | ● | ○ | ○ | ● | 9 |
| LN45 | 1 | ● | ● | ● | ● | ● | 9 |
| LN46 | 2 | ○ | ○ | ● | ● | ● | 9 |
| LN47 | 2 | ○ | ● | ○ | ● | ● | 9 |
| LN48 | 2 | ● | ● | ● | ● | ● | 9 |

**OligoGs**

| LN49 | 1 | × | × | ● | ● | ● | 9 |
| LN50 | 1 | ○ | × | × | ○ | ● | 9 |
| LN51 | 1 | × | ○ | × | × | ● | 8d |

**MGC-AllGs-IST**

| LN52 | 1 | ● | ● | ● | ● | ● | 8e |
| LN53 | 1 | ● | ● | ● | ● | ● | 9 |
| LN54 | 2 | ● | ● | ○ | ○ | ● | 9 |

*Note:* —, non-discriminable; ×, not innervated; ○, sparse innervation; ●, normal innervation; +, dense innervation; IST, antennal-lobe isthmus; LPOG, labial-palp pit organ glomerulus; MGC, macroglomerular complex; MGC-AllGs, macroglomerular complex and all/most other glomeruli; OGs, ordinary glomeruli; OligoGs, oligoglomerular; PCx, posterior complex; VPGs, ventroposterior glomeruli.