TABLES
Table 1. Larval MB defects in hypomorphic *fas II* mutants

<table>
<thead>
<tr>
<th>Mutants</th>
<th>Categories of MB defects (%)</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dorsal lobe malformation</td>
<td>Medial lobe fusion</td>
<td>Calyx expansion</td>
<td>No. of MBs examined</td>
<td></td>
</tr>
<tr>
<td>fas II&lt;sup&gt;76&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>sample 1</td>
<td>19</td>
<td>0</td>
<td>0</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>sample 2</td>
<td>28</td>
<td>20</td>
<td>0</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>sample 3</td>
<td>2</td>
<td>17</td>
<td>0</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>14</td>
<td>13</td>
<td>0</td>
<td>134</td>
<td></td>
</tr>
<tr>
<td>fas II&lt;sup&gt;86&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>sample 1</td>
<td>8</td>
<td>6</td>
<td>0</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>sample 2</td>
<td>22</td>
<td>6</td>
<td>22</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>sample 3</td>
<td>6</td>
<td>44</td>
<td>0</td>
<td>54</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>11</td>
<td>23</td>
<td>6</td>
<td>122</td>
<td></td>
</tr>
</tbody>
</table>
Table 2. Larval MB defects caused by *fas II* overexpression

<table>
<thead>
<tr>
<th>GAL4 driver</th>
<th>Categories of MB defects (%)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Type 1</td>
<td>Type 2</td>
</tr>
<tr>
<td><em>elav-GAL4</em></td>
<td>64</td>
<td>21</td>
</tr>
<tr>
<td>OK107</td>
<td>50</td>
<td>25</td>
</tr>
<tr>
<td>201Y</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>238Y*</td>
<td>13</td>
<td>4</td>
</tr>
</tbody>
</table>

Type 1: single blob medial lobe and almost normal dorsal lobe. Type 2: single blob medial lobe and malformed thin dorsal lobe. Type 3: malformed small medial lobe and expanded dorsal lobe.

*Mild defects. Medial lobes terminate in single-blob but internally harbor three branches.