**Supplementary File 2**

**BLAST results for non-plant proteins with similarity to “general odorant binding protein 56d” from *Anthurium amnicola*. Only the best ten results are shown.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Accession Number | Annotation | Organism | Identity% | Alignment length | E-Valuea | Scorea |
| XP\_034232292.1 | general odorant-binding protein 56d-like isoform X1 (151 aa) | *Thrips palmi* | 63.87 | 119 | 4e-51 | 169 |
| XP\_026281309.1 | uncharacterized protein LOC113208505 (148 aa) | *Frankliniella occidentalis* | 50.00 | 128 | 5e-28 | 110 |
| KAE8741848.1 | hypothetical protein FOCC\_FOCC012596 (190 aa) | *Frankliniella occidentalis* | 50.39 | 127 | 2e-27 | 110 |
| XP\_034249409.1 | uncharacterized protein LOC117650253 (149 aa) | *Thrips palmi* | 31.09 | 119 | 3e-11 | 68.2 |
| XP\_015835846.1 | PREDICTED: pheromone-binding protein-related protein 6-like (145 aa) | *Tribolium castaneum* | 30.50 | 141 | 3e-10 | 65.1 |
| EFA04593.1 | odorant binding protein 07 (136 aa) | *Tribolium castaneum* | 29.85 | 134 | 7e-10 | 64.3 |
| XP\_019697001.2 | general odorant-binding protein 83a (132 aa) | *Harpegnathos saltator* | 25.37 | 134 | 1e-09 | 63.5 |
| KAF2881145.1 | hypothetical protein ILUMI\_25019 (123aa) | *Ignelater luminosus* | 32.23 | 121 | 2e-08 | 60.1 |
| XP\_011346593.1 | general odorant-binding protein 83a isoform X1 (133 aa) | *Ooceraea biroi* | 28.57 | 126 | 3e-08 | 59.7 |
| XP\_011164418.1 | uncharacterized protein LOC105199157(131 aa) | *Solenopsis invicta* | 29.01 | 131 | 4e-08 | 59.3 |

a E-value and score are BLAST measures of significance of the sequence similarity observed. Low E-values (< 0.001) and high score indicate very significant results.