**File S1\_**Unigenesof eight novel OBPs and six novel CSPs identified in the proboscis and labial palp.

**OBPs**

>Unigene5174\_All-*HarmOBP38*

ATGACTTGCTCTCGTGCGCTGGCGCTGCTCGCGCTCGTCGCTCTCACGCAACAGGCAACAACAGTATGCAAGAATTGTATAATGCTGGGTAAGGAGGAGAAGGCGATGTTCCGCGCGCACTCGGCGGCGTGCGCGGAGCAGTCGCGCGTGGCGCCGCGGCAGCTGGACGCGCTGCTGGCGGGCCGCCTGCACGACTCGCCCGCGCTGCGCCGCCACGTCTACTGCGTGCTGCTCAAGTGCAAGCTGGTGGGCAAGGACGGCAAGCTGCACAAGGCCGCCGTGCTCGGCAAGATCGCCGCCAGGCCTGATGCTAAGAACGCTACCAAGGTCCTGGAGAGCTGCGCAGACCAGGCGGGCGACTCGCCCGAGGACCTGGCGTGGAACCTGTTCCGCTGCGGCTACGACAAGAAGGCGCTGCTCTTCGACTACATGCCCACCAACGTGGCGGCCGACGTCGACAACACCTCCTAG

>Unigene6393\_All-*HarmOBP39*

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>Unigene5118\_All-*HarmOBP40*

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>CL2042.Contig1\_All-*HarmOBP41*

ATGTTTAAACTGTGCGTCTTCCTCGTGTTGTCTGTTGCGTCATGTTACGGCGGCGCCTCGGACAACGGCATTTGTGGGCGAATGCCCCAAGATCTAAATAGCTGTCTACTCCTCCCACCGGGTGTTAGTCGCGAGATTCAATCGAAATGTGCGAGATTACCAGAGTGCGAAAGACTGACCTGCATATTCCGTGAATACAACCTGCTGGACGGTGAAGTTATCAACAAGGAGATGACAATAGGATTCTTCGATGATTTTGCGCTGGCGCACCCTGAGTTTGCAACGGCTGTAGAACATGTGAAGGATGATTGCCTCGGCAGCGCTCCTCTCAAACCACAAGGAGTATACCTCAACTGTCCTGCCTATGATATGGTGCATTGTTCTTACAAGAATTTGGTGAAGCACGCGAATCTATCCCAGTGGACTGCTTCGCCGAACTGCATGCGCGCACGCACATTCGCCTCTTTGTGCCCCATCTGTCCTGACGAATGCTTCTCGCCAGAAGTGCCCAAAGGATCCTGTAATTGCTAG

>Unigene18374\_All-*HarmOBP42*

AAGGAATGCTTCCAAATGCGTGGAAACCCAGTTACATGCGAAAACGAAGTATGTATAGCCAAGAAAAAAGGTTTTGCCACTGATGACGATAAATTGGACTACACAAAATTAGAAGAAGTGATGACCAAGGAAATTGATGACAAAGACCTTTTGGCAGACATGATAAAAAATTGTGTCAACGGAGATCTGGAGAAGTATGGGCCTCCTGACTTCTGTGAATTTATGAAGATGAGGCACTGTATCAGCATGCAAATGTTGAACCATTGTCCTGATTGGGATGACGCCGGTGAATGCAGCAAACTTAAAGGAGCAGTAGCAGACTGTGTGAAATTATTTGCGTGA

>Unigene19165\_All-*HarmOBP43*

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>Unigene18580\_All-*HarmOBP44*

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>Unigene17610\_All-*HarmOBP45*

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**CSPs**

>CL2988.Contig1\_All-*HarmCSP28*

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>Unigene11051\_All-*HarmCSP29*

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>Unigene1671\_All-*HarmCSP30*

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>Unigene7342\_All-*HarmCSP31*

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>Unigene893\_All-*HarmCSP32*

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>Unigene931\_All-*HarmCSP33*

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