**Supplemental Table 5. Neurotransmitter Receptor genes increased**

**Affymetrix ID Gene Name**

1625101\_at Cardioacceleratory peptide receptor

1638649\_at Dmel\_CG11340

1629280\_at Dmel\_CG12344

1628222\_at Dmel\_CG30106

1626472\_at Dmel\_CG30340

1635672\_at Dmel\_CG34411

1639301\_at Dmel\_CG4395

1628250\_at Dmel\_CG5911

1637003\_at Dmel\_CG6927

1629962\_at Dmel\_CG8916

1630762\_at Dmel\_CG9918

1623309\_at Neuropeptide Y receptor-like

1637028\_at SIFamide receptor

1626723\_at Tachykinin-like receptor at 86C

1634889\_at, 1624643\_a\_at allatostatin C receptor 2