

**Supplementary Table 1**

Worker and royal jellies RNA-seq read counts after trimming and QC.

<b>Sample name</b>	<b>Sample type</b>	<b># of reads</b>
RJ-YAGL-U_S2	Royal jelly	28,552,147
RJ-YAEL-E_S4	Royal jelly	54,236,333
RJ-John-g-J_S2	Royal jelly	45,785,408
WJ-John-3-L_S5	Worker jelly	60,634,302
WJ-John-586-TAP_S1	Worker jelly	63,507,991
WJ-John-H-K_S3	Worker jelly	58,536,298