

**Table S3. Summary statistics for hybrid and pooled-data assembly of *D. v. virgifera* transcriptome.**

<b>Hybrid (454 + Illumina) assembly of third larval midgut</b>	
Assembly program used	Trinity (2013-02-25)
Total number of contigs	81,858
Average contig length (range)	862 bp (201 – 17,831 bp)
N50 length	1,396 bp
Assembly program used	Velvet/Oasis (ver. 1.2.03)
Total number of contigs	133,276
Average contig length (range)	425 bp (100 - 16,733 bp)
N50 length	675 bp
<b>Hybrid (454 + Illumina) assembly of egg and third larval midgut</b>	
Assembly program used	Trinity (2012-03-17)
Total number of contigs	101,915
Average contig length (range)	662 bp (201 – 13,611 bp)
N50 length	1,006 bp
<b>The pooled read dataset (egg + neonates + third larval midgut)</b>	
Assembly program used	Trinity (2013-02-25)
Total number of contigs	163,871
Average contig length (range)	914 bp (201 – 31,064 bp)
N50 length	1,396 bp