

Table S1. Sequencing effort per library.

Libraries Profile		Replicates	Reads	
			<i>A. fraterculus</i>	<i>A. obliqua</i>
Female	Virgin	A	6,500,046	7,497,373
		B	6,822,474	6,891,525
	Post mating	A	7,183,605	8,335,243
		B	9,149,410	6,710,548
	Post oviposition	A	6,531,891	8,208,959
		B	9,420,206	8,649,653
Male	Virgin	A	7,736,532	6,195,410
		B	8,683,757	7,021,347
	Post mating	A	11,364,858	7,840,733
		B	8,388,907	6,808,349
Total by species			81,781,686	74,159,140
Total			155,940,826	