

Supplementary Table 2: DNA sample and genome sequencing information

Sample info	Sequencing type	Library name	Library type	Insert size	Approx. coverage of genome
Male wasps. ~20	Illumina HiSeq	120210_SN132_B_L003_GSA-10_R1.fastq	Paired end	300bp	53x
		120210_SN132_B_L003_GSA-10_R2.fastq	Paired end	300bp	
Male wasps ~20		121127_SN1126_M_L001_GSA-31_R1.fastq	Paired end	250bp	
		121127_SN1126_M_L001_GSA-31_R1.fastq	Paired end	250bp	
Male wasps from Cape region, approx. 42 whole-body (except gut)	Illumina HiSeq	141224_SND393_A_L008_GSA-41_R1.RD30.NotEmpty.LinkerTrimmed-50bp-PR.fastq	Mate pairs	2000bp	16x
		141224_SND393_A_L008_GSA-41_R2.RD30.NotEmpty.LinkerTrimmed-50bp-PR.fastq	Mate pairs	2000bp	
3 adult males (USA, Pennsylvania, Indiana County, Route 286; 40.75093 N, 78.88522 W; 08.-12.06.2013), 1 adult female (USA, Pennsylvania, Clarion County, Olean Road; 41.17886 N, 79.22639 W; 08.-12.06.2013), 1 adult female (USA, New York, Wayne County, Chimney Bluffs State Park; 43.280433 N, 76.912250 W; 2012); all five samples provided by State University of New York, College of Environmental Sciences and Forestry, Syracuse	Illumina HiSeq 2000	150309_I595_FCC6MCPACXX_L5_WHINSpfIDAAFDWAAPEI-30_1.fq; 150309_I595_FCC6MCPACXX_L5_WHINSpfIDAAFDWAAPEI-30_2.fq	Mate pairs	3000 bp	31x
3 adult males (USA, Pennsylvania, Indiana County, Route 286; 40.75093 N, 78.88522 W; 08.-12.06.2013), 1 adult female (USA, Pennsylvania, Clarion County, Olean Road; 41.17886 N, 79.22639 W; 08.-12.06.2013), 1 adult female (USA, New York, Wayne County, Chimney Bluffs State Park; 43.280433 N, 76.912250 W; 2012); all five samples provided by State University of New York, College of Environmental Sciences and Forestry, Syracuse	Illumina HiSeq 2000	FCC7T06ACXX-WHINSeDuDCABDTAAPEI-20_L6_1.fq; FCC7T06ACXX-WHINSeDuDCABDTAAPEI-20_L6_2.fq	Mate pairs	8000 bp	41x