Additional file 1: Table S1. Details of all primer sets used in this study

Purpose	**Primer name**	**Primer sequence (5' – 3')**	**Reference(s)**
Identification of vertebrate blood meal	VF1_t1	TGTAAAACGACGGCCAGTTCTCAACCAACCACAAAGACATTGG	42
	VF1d_t1	TGTAAAACGACGGCCAGTTCTCAACCAACCACAARGAYATYGG	
	VF1i_t1	TGTAAAACGACGGCCAGTTCTCAACCAACCAIAAIGAIATIGG	
	VR1d_t1	CAGGAAACAGCTATGACTAGACTTCTGGGTGGCCRAARAAYCA	
	VR1_t1	CAGGAAACAGCTATGACTAGACTTCTGGGTGGCCAAAGAATCA	
	VR1i_t1	CAGGAAACAGCTATGACTAGACTTCTGGGTGICCIAAIAAICA	
Separation of *Culex pipiens* s.l. and *Culex torrentium*	ACEtorr	TGCCTGTGCTACCAGTGATGTT	44
	ACEpip	GGAAACAACGACGTATGTAG	
Separation of *Culex pipiens* form *pipiens* and *Culex pipiens* form *molestus*	CQ11F	GATCCTAGCAAGCGAGAAC	45, 46
	molCQ11	CCCTCCAGTAAGGTATCAAC	
	pipCQ11R	CATGTTGAGCTTCGGTGAA	
Species delineation of *Anopheles maculipennis* s.l.	5.8S	TGTGAACTGCAGGACACAT	47
	28S	ATGCTTAAATTTAGGGGGTA	