

Table S1. Sample description.

Sample Name	Sampling Location (GPS)	Sampling Date	Sample composition	Sequencing Platform	# of Reads	Average Read Length (bp)	# of Bases
Mosquito SD-BVL	Buena Vista Lagoon, SD, USA (33.17N,-117.35W)	01/25/06	80 female mixed species mosquitoes	GS20	340,098	102.61	35 Mb
Mosquito SD-RB	River Bank, SD, USA (32.78N, -117.13W)	06/06/06	200 female mixed species mosquitoes	GS20	615,576	104.16	64 Mb
Mosquito SD-WAP	Wild Animal Park, SD, USA (33.10N, -117.00W)	09/10/09	200 female <i>Culex erythrothorax</i> mosquitoes	GSFLX Titanium	259,591	398.78	104 Mb