

SUPPLEMENTARY TABLE 1

Comparison of Indian and Nepalese household sand fly densities and anti-saliva antibody levels. During the KALANET study sand flies were sampled monthly by CDC light trap for 15 months in households from control clusters (i.e. no bed nets and no insecticide house spraying) from VL endemic areas. Peak season sand fly densities taken from October and November 2006 are shown. Sera from the household residents were taken at the end of the survey and analyzed for *P. argentipes* and *P. papatasi* anti-saliva responses by ELISA. For comparison, the average non-endemic control anti-*P. argentipes* salivary antibody O.D. during this time was 0.7 ± 0.2 .

Cluster	Country	Houses	People/ house	Household sand fly density (Geometric mean \pm SD)		Household anti-saliva antibody titre (Av. O.D. \pm SD)	
				<i>P. argentipes</i>	<i>P. papatasi</i>	<i>P. argentipes</i>	<i>P. papatasi</i>
C05	India	8	13	0.87 ± 0.46	0	1.87 ± 0.39	1.42 ± 0.50
C06	India	10	19	0.84 ± 0.47	0.008 ± 0.03	1.58 ± 0.83	1.63 ± 0.56
C09	India	10	26	1.08 ± 0.69	0	1.09 ± 0.81	1.32 ± 0.55
C55	Nepal	9	14	0.58 ± 1.03	0.02 ± 0.04	1.32 ± 1.03	1.67 ± 0.61
C56	Nepal	6	15	2.06 ± 2.48	1.27 ± 1.55	1.16 ± 0.71	2.97 ± 0.89