SUPPLEMENTAL TABLE 1

List of key publications used for the hand search of references during the literature search

List of key publications (hand-search)
1) Erlanger TE, Weiss S, Keiser J, Utzinger J, Wiedenmayer K, 2009. Past, present and future of Japanese encephalitis. *Emerg Infect Dis 15:* 1–7.
2) Huang YJS, Higgs S, Horne KM, Vanlandingham DL, 2014. Flavivirus-mosquito interactions. *Viruses 6:* 4704–4730.
3) Le Flohic G, Porphyre V, Barbazan P, Gonzalez JP, 2013. Review of climate, landscape, and viral genetics as drivers of the Japanese encephalitis virus ecology. *PLoS Negl Trop Dis 7:* 1–7.
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8) van den Hurk AF, Ritchie SA, Mackenzie JS, 2009. Ecology and geographical expansion of Japanese encephalitis virus. *Annu Rev Entomol 54:* 17–35.
9) Weaver S, Barrett ADT, 2004. Transmission cycles, host range, evolution and emergence of arboviral disease. *Nat Rev Microbiol 2:* 789–801.

SUPPLEMENTAL TABLE 2

Source of relevant articles included in the systematic review, by outcome (N = 171)

	Number of articles (n)	References
Reporting:		
Vector competence	103	Arunachalam N, Murty USN, Narahari D, Balasubramanian A, Samuel PP, Thenmozhi V, Paramasivan R, Rajendran R, Tyagi BK, 2009. Longitudinal studies of Japanese encephalitis virus infection in vector mosquitoes in Kurnool district, Andhra Pradesh, south India. *J Med Entomol 46:* 633–639. Bhattacharyya DR, Dutta P, Khan SA, Doloi P, Goswami BK, 1995. Biting cycles of some potential vector mosquitos of Japanese encephalitis of Assam, India. *Southeast Asian J Trop Med Public Health 26:* 177–179. Borah J, Dutta P, Khan SA, Mahanta J, 2013. Epidemiological concordance of Japanese encephalitis virus infection among mosquito vectors, amplifying hosts and humans in India. *Epidemiol Infect 141:* 74–80. Bryant JE, Crabtree MB, Nam VS, Yen NT, Duc HM, Miller BR, 2005. Isolation of arboviruses from mosquitoes collected in northern Vietnam. *Am J Trop Med Hyg 73:* 470–473. Buescher EL, Scherer WF, Rosenberg MZ, Gresser I, Hardy JL, Bullock HR, 1959. 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