

Supplementary Table 1. Populations studied

a. Patients and controls in three cohorts

	Ramathibodi hospital (RA)			Siriraj hospital (SI)			Khon Kaen hospital			Total
	Number (%)	Female (%)	Mean age (SD)	Number (%)	Female (%)	Mean age (SD)	Number (%)	Female (%)	Mean age (SD)	Number (%)
Controls	296			216			184			696
Patients	235	113 (48.1%)	10.46 (2.83)	241	127 (52.7%)	9.09 (2.28)	130	65 (50%)	9.61 (2.70)	606
DF	52 (22.1%)	27 (51.9%)	10.01 (2.87)	73 (30.3%)	42 (57.5%)	9.07 (2.12)	27 (20.8%)	15 (55.6%)	9.91 (2.82)	152 (25.1%)
DHF grade I	59 (25.1%)	22 (37.3%)	10.42 (2.89)	41 (17.0%)	20 (48.8%)	9.56 (2.51)	30 (23.1%)	11 (36.7%)	9.20 (2.72)	130 (21.5%)
DHF grade II	86 (36.6%)	41 (47.7%)	10.99 (2.76)	85 (35.3%)	44 (51.8%)	9.19 (2.26)	50 (38.5%)	26 (52%)	9.79 (2.84)	221 (36.5%)
DHF grade III	27 (11.5%)	18 (66.7%)	10.38 (2.89)	33 (13.7%)	16 (48.5%)	8.47 (2.40)	23 (17.7%)	13 (56.5%)	9.41 (2.27)	83 (13.7%)
DHF grade IV	11 (4.7%)	5 (45.5%)	8.88 (2.12)	9 (3.7%)	5 (55.6%)	8.56 (2.13)	0 (0.0%)	0		20 (3.3%)
DHF (all)	183 (77.9%)	86 (47.0%)	10.59 (2.82)	168 (69.7%)	85 (50.6%)	9.10 (2.35)	103 (79.2%)	50 (48.5%)	9.53 (2.68)	454 (74.9%)

b. Disease severity and primary/secondary infections

	Primary infection	Secondary infection	Total
DF	33 (22.0%)	117 (78.0%)	150
DHF	35 (7.9%)	410 (92.1%)	445

Note:

DF, dengue fever; DHF, dengue hemorrhagic fever.