

Supplementary Table S1. Location and geographic coordinates of mosquito collection

Collection sites	Study environments	Collection method	GPS coordinates (latitude/longitude)
Bupyeong-dong, Incheon	Downtown	Black light traps	37.498796/126.724164
Yeonhui-dong, Incheon	Downtown	Black light traps	37.528529/126.658841
Shinheung-dong, Incheon	Downtown	BG Sentinel traps	37.468351/126.634840
Gyeongseo-dong, Inchoen (1)	Habitat of migratory bird	Black light traps	37.541937/126.608640
Gyeongseo-dong, Inchoen (2)	Habitat of migratory bird	Black light traps	37.544936/126.607335
Gyeongseo-dong, Inchoen (3)	Habitat of migratory bird	BG Sentinel traps	37.540825/126.611070
Hogok-ri, Hwaseong-si	Cowshed	Black light traps	37.065760/126.6463750