Table S1. Functional characterization of FGD4 domains and their respective effects on LMP1-mediated Cdc42 activation

	FGD4 constructs				
	Full length	ΔFAB	FAB-DH	PH1-2	ΔDH
Activation of Cdc42 in vivo ^a	Yes	Yes	Impaired	Impaired	Impaired
Enhanced function of LMP1 ^b	Yes	Yes	Impaired	Impaired	Impaired
Association with LMP1 ^c	Yes	Yes	Impaired	Yes	Yes
Association with Cdc42 ^b	Yes	Yes	Yes	Impaired	Impaired
Self-association with FGD4 ^e	Yes	Yes	Yes	ND^f	Yes

^a Activation of Cdc42 in NPC cells determined by GST-CBD-pulldown assays.

^b LMP1-mediated Cdc42 activation was elevated by co-expression with individual FGD4 construct in NPC cells.

^c Demonstrated by co-immunoprecipitation assays in NPC cells or *in vitro* GST-FGD4- pulldown assays.

^d Demonstrated by co-immunoprecipitation assays in NPC cells.

^e Demonstrated by co-immunoprecipitation assays in NPC cells.

f Not determined.