



**Supplemental Figure.S1** Cholesterol efflux activity. (A) Co-transfection of a PDZ-RhoGEF with wild-type ABCA1 but not with the ABCA1- $\Delta$ 4 mutant which disrupts the ABCA1 PDZ binding motif stimulates efflux to apoA-I. (B) The ability of PDZ-RhoGEF to enhance cholesterol efflux was attenuated in cells expressing PDZ-RhoGEF  $\Delta$ DH/PH mutant. Error bars denote standard deviations of triplicate samples. Results are representatives of two or more experiments; \*, p<0.05