**Figure 2**

**A.** Western blot analysis of Nef and Cav-1 expression in cells transfected with mock, Nef, or Cav-1. *27KD* indicates the expression of a 27-kDa protein.

**B.** Bar graph showing chol efflux to apo-A-I in U87.CD4.CXCR4 cells transfected with different constructs: Mock, Nef, Cav-1, or Nef+Cav-1. Statistical significance is indicated by *p<0.05*.

**C.** Bar graph showing chol efflux to apo-A-I in cells transfected with various constructs: Mock, pSHIVwtNef, Ad-Cav1+pSHIVwtNef, pSHIVΔNef, Ad-Cav1+pSHIVΔNef, Ad-GFP+pSHIVwtNef, and Ad-GFP+pSHIVΔNef. Statistical significance is indicated by *p<0.05*.

**D.** Immunofluorescence images of cells expressing Ad-GFP, Ad-Cav-1, Cav-1, and β-actin.

**E.** Bar graph showing chol efflux to apo-A-I in cells transfected with Mock, AD8, or ADnefmut. Statistical significance is indicated by *p<0.05*.

**F.** Images of cells transfected with Mock, pSHIVwtNef, and Ad-Cav-1+pSHIVwtNef, showing the distribution of labeled cells.