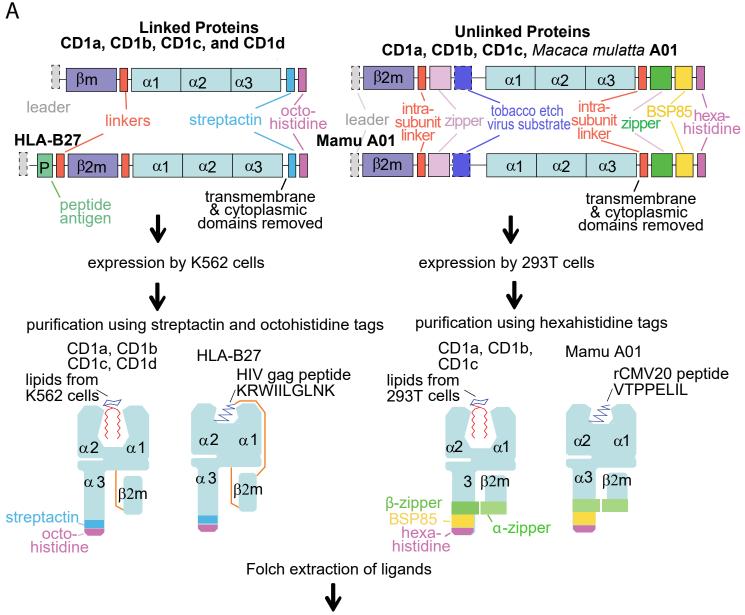
Figure S1 related to Figures 1 and 2

Schematic of CD1 expression and lipid extraction



extracted lipids from 50ug of protein undergo HPLC-MS analysis

CD1d was constructed without the zipper region. T2A is a peptide (P) from *Thosea asigna* virus for enzyme cleavage upon maturation. BSP85 is a substrate peptide 85 for *E.coli* biotin ligase BirA. rCMB20 is a recombinant cytomegalogvirus peptide with the indicated sequence.