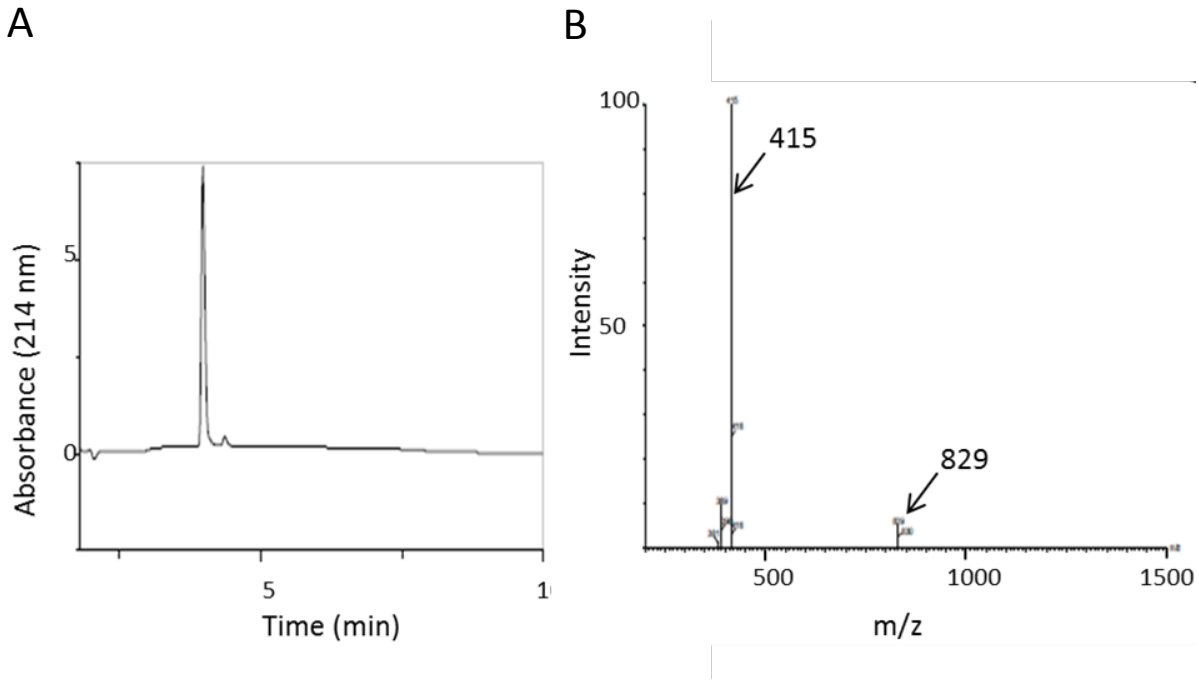

Figure S1. Purification of the synthetic Dendritic Stimulating Peptide DSL-1. A. The synthetic peptide was purified by RP-HPLC on a preparative-scale C18 column. B. The purity of synthetic DSL-1 was confirmed by ESI–MS. DSL-1 calculated molecular weight: 828 g/mol. Major peaks were detected for m/z=415 and m/z=829 corresponding to the expected m/z ratio for $[M+H]^{+}$ and $[M+2H]^{2+}$, respectively.

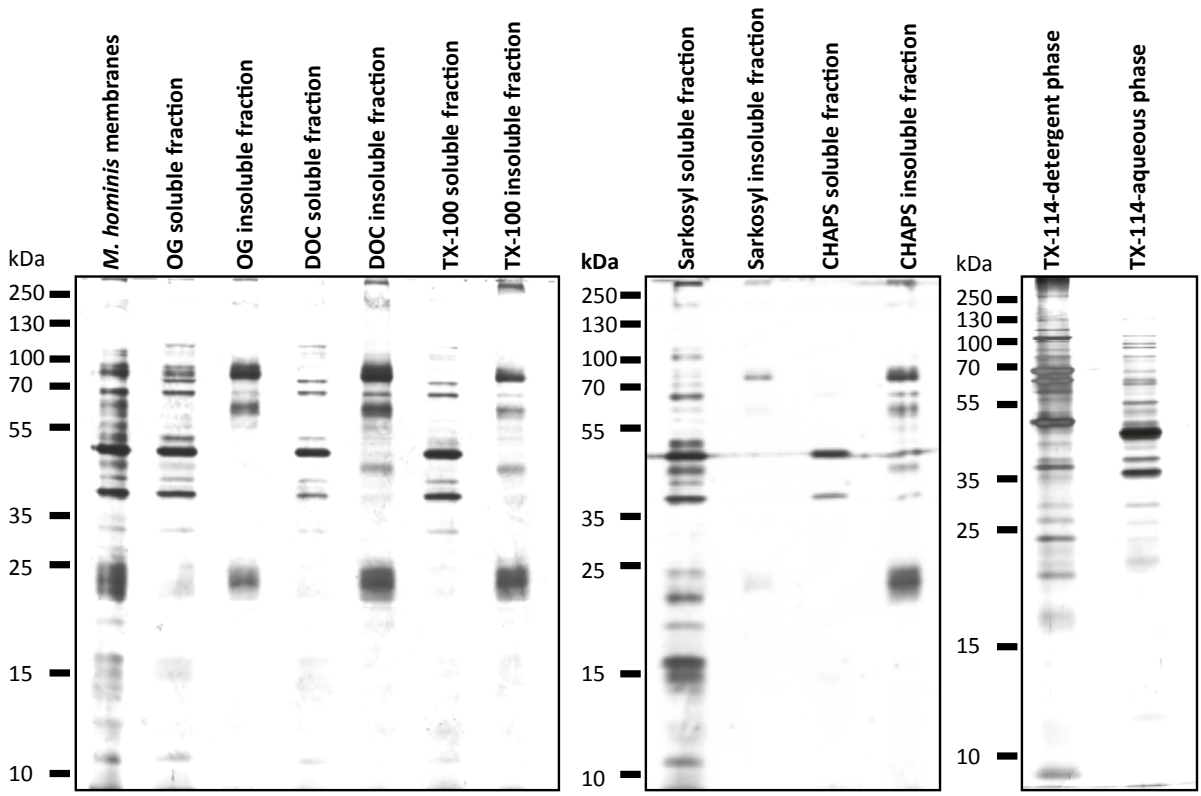

Figure S2. SDS-PAGE of *M. hominis* PG21 proteins extracted using non-denaturing detergents. Gel was colored by ProteoSilver Silver Stain kit. CHAPS, dimethylammonio-1-propanesulfonate ; DOC, Sodium Deoxycholate ; Sarkosyl , N-Lauroylsarcosine sodium salt ; OG, octyl glucopyranoside ; TX-100, Triton X-100 ;TX-114, Triton X-114.

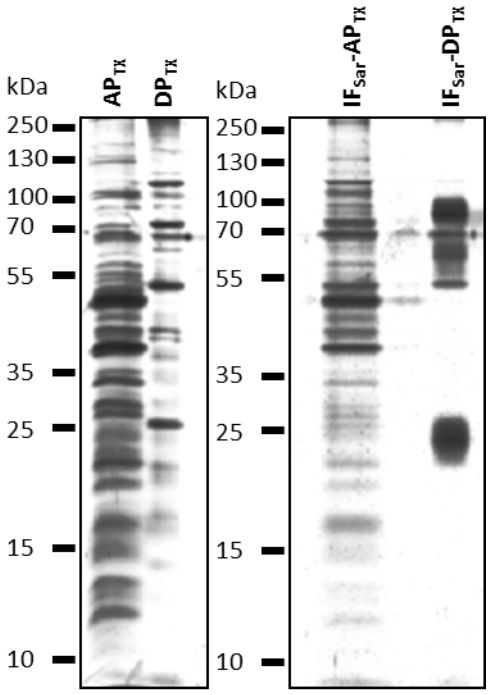

Figure S3. SDS-PAGE of *M. hominis* PG21 proteins fractionated using only TX-114 or using sequential extraction by Sarkosyl followed by TX-114. *Left panel*: Starting from 200 µg of membrane proteins, proteins fractionated into an aqueous phase (AP_{TX}) and a detergent-enriched phase (DP_{TX}) using TX-114 were separated on a 12.5% acrylamide SDS-PAGE. *Right panel*: Starting from 200 µg of membrane proteins, proteins insoluble in Sarkosyl (IF_{Sar}) were further fractionated into an aqueous phase (IF_{Sar}-AP_{TX}) and a detergent-enriched phase (IF_{Sar}-DP_{TX}) using TX-114 before being separated on a 12.5% acrylamide SDS-PAGE. Gels were colored using ProteoSilver Silver Stain kit (Sigma-Aldrich).