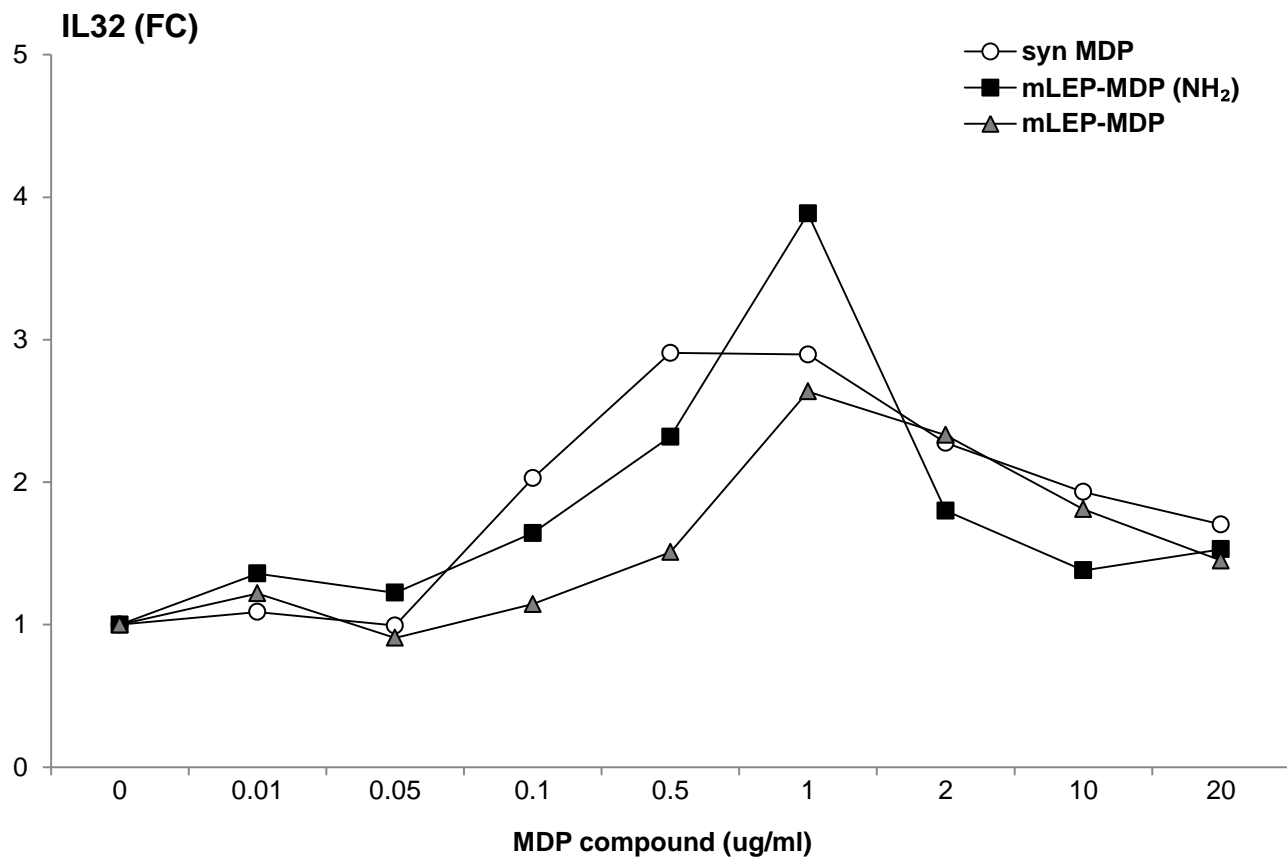


**FIG S1** Preparation of natural and synthetic NOD2 ligands of *M. leprae*. A flowchart showing the steps to prepare the muropeptide fractions from *M. leprae* and the synthetic MDP variants (A). Amino acid composition analysis of syn-MDP, mLEP-MDP and mLEP-MDP(NH<sub>2</sub>) by GC-MS (B).



**FIG S2** Titration of structural different MDP for IL32 induction. Purified human monocytes were activated using syn-MDP, mLEP-MDP( $\text{NH}_2$ ) and mLEP-MDP and IL32 gene induction was quantified by PCR. A representative histogram is shown.