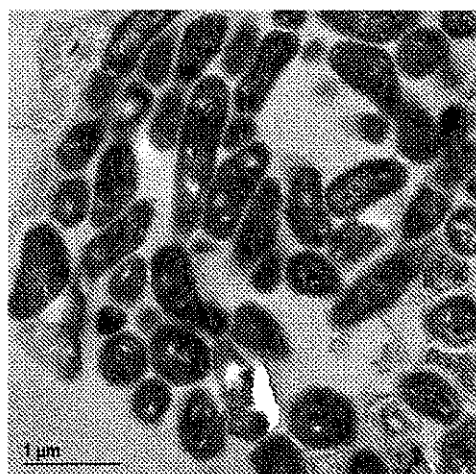
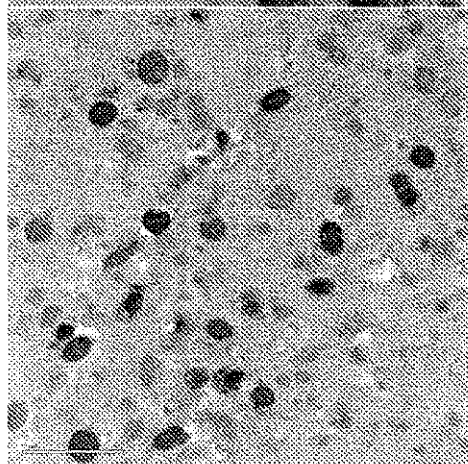


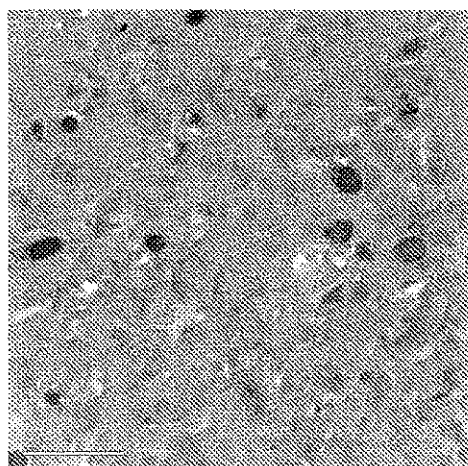
Figure 1. TEM of *Mycobacterium phlei* and Mp cell wall RNC compositions



A: *M. phlei*

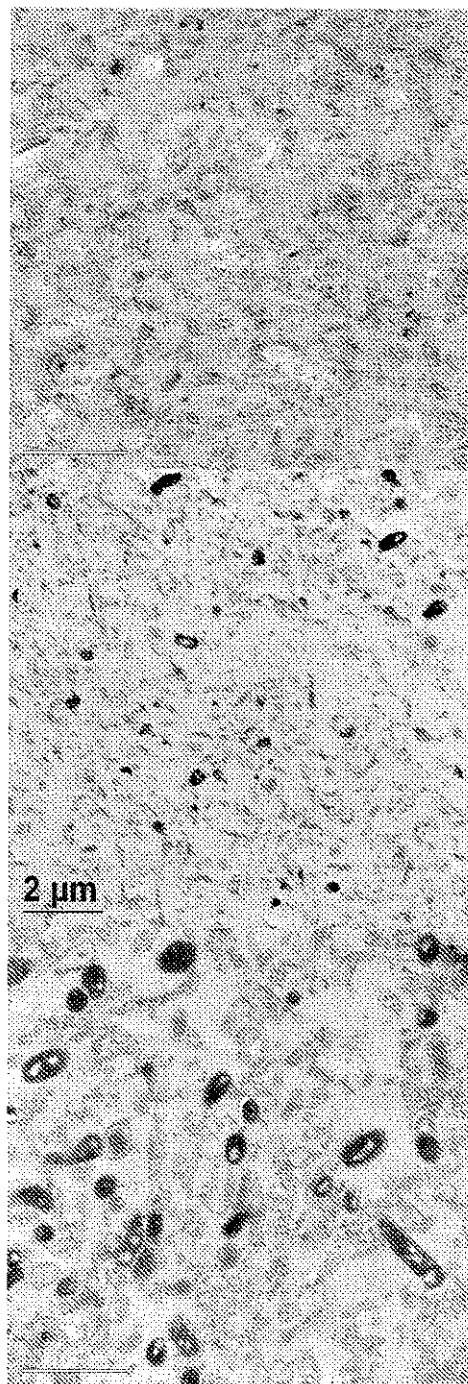


B: MCWE



C: MCC

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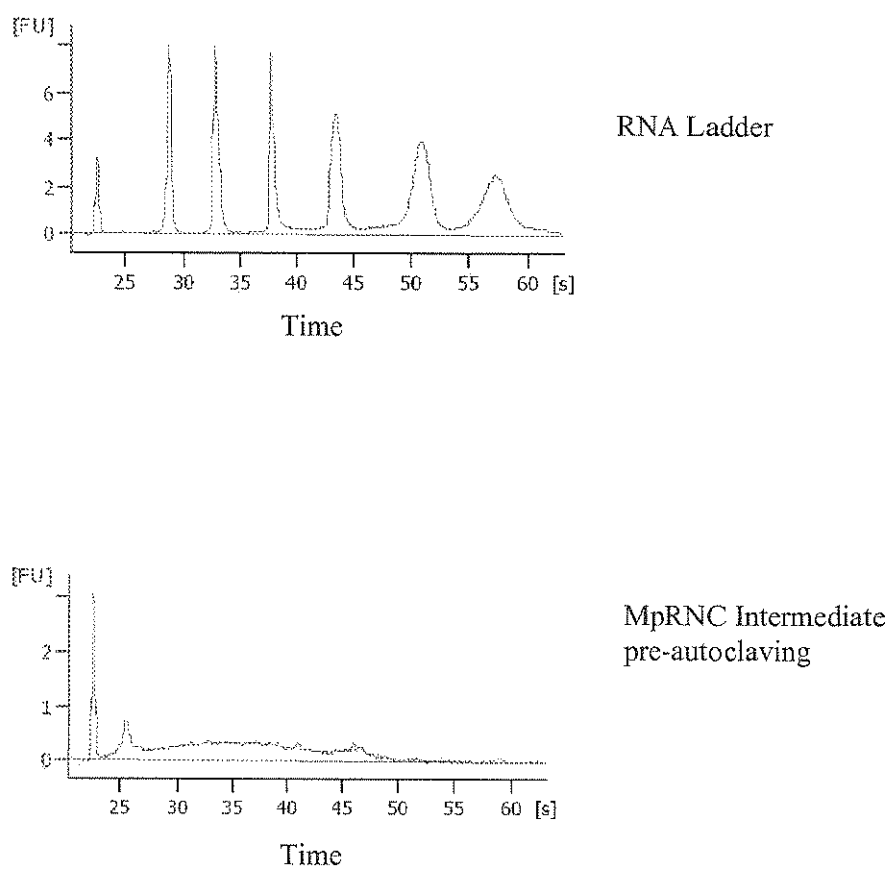


D: MpRNC Low

E: MpRNC Intermediate

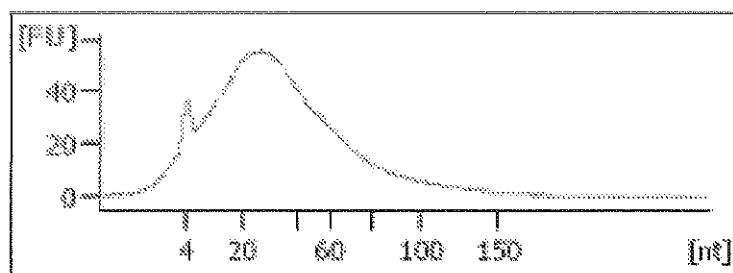
F: MpRNC High

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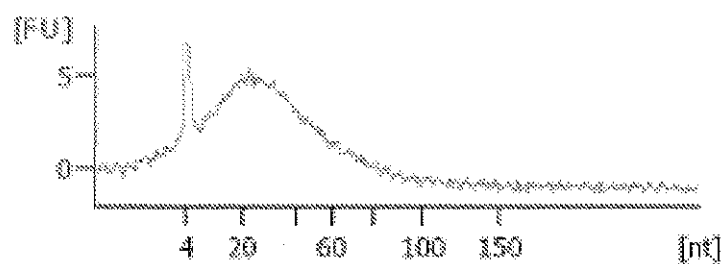
Figure 2a. Electrophoretic analysis of oligonucleotide length in MpRNC

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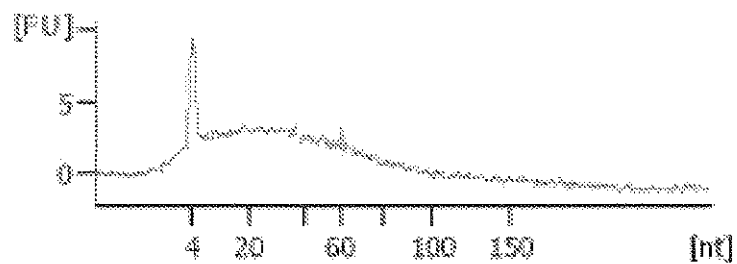
Figure 2b. Electrophoretic analysis of oligonucleotide length in MpRNC



MpRNC High



MpRNC Intermediate

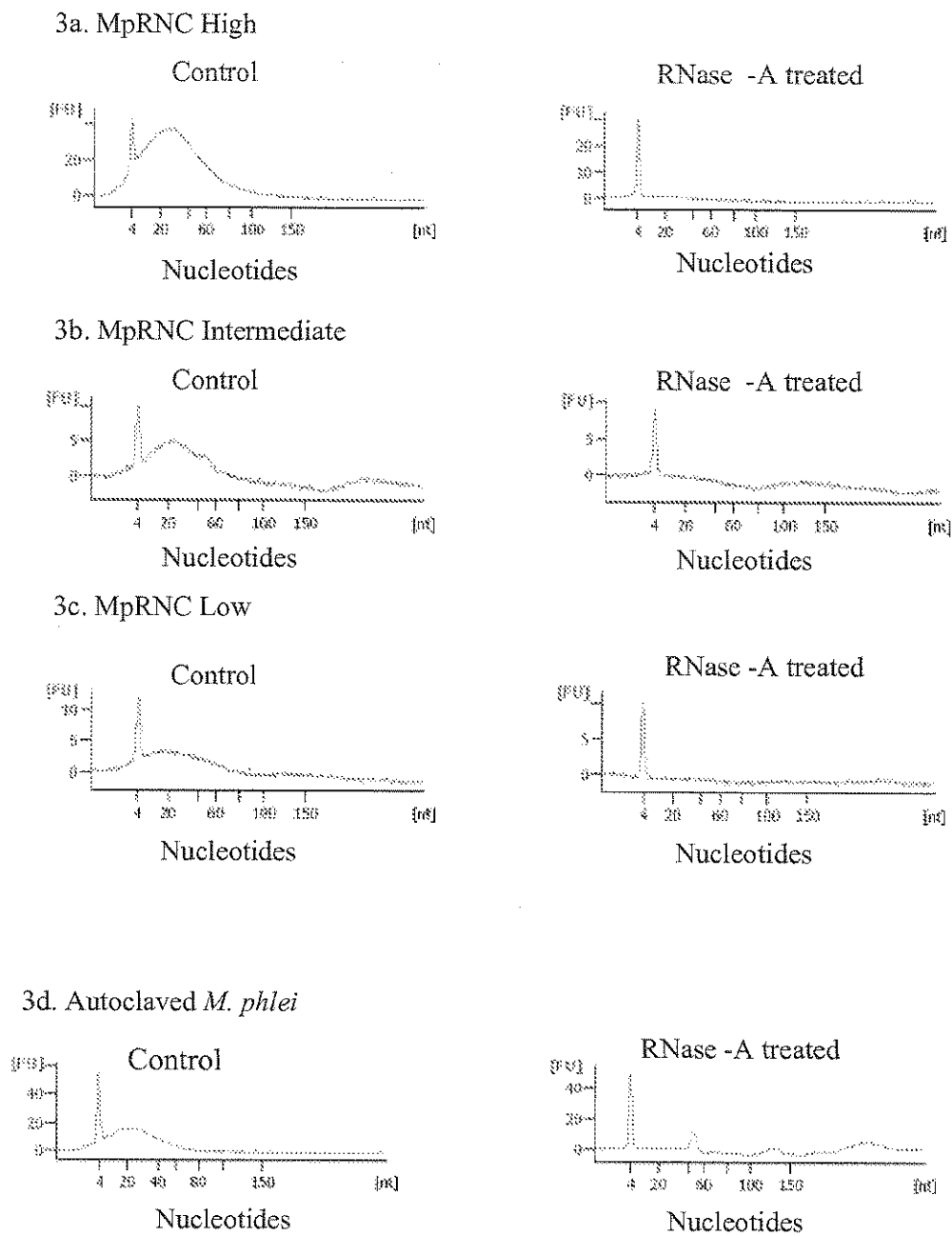


MpRNC Low

Nucleotides

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Figure 3. RNA and DNA content of MpRNC containing varying proportions of intact autoclaved *M. phlei* cells



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Figure 4. RNase-susceptible nucleic acid (NA) in MpRNC, MbRNC, MsRNC and MvRNC.

Figure 4a. Urea-PAGE electrophoresis of untreated and RNase A treated nucleic acids

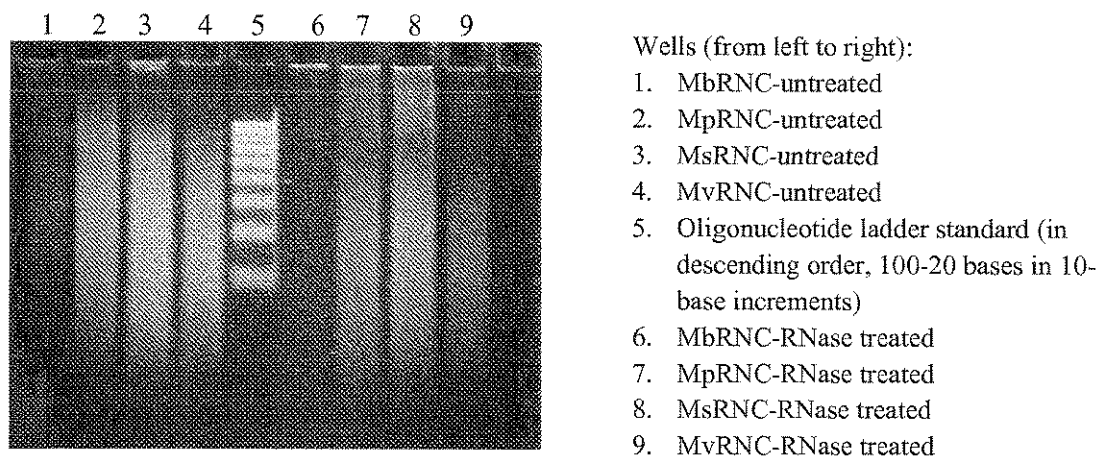
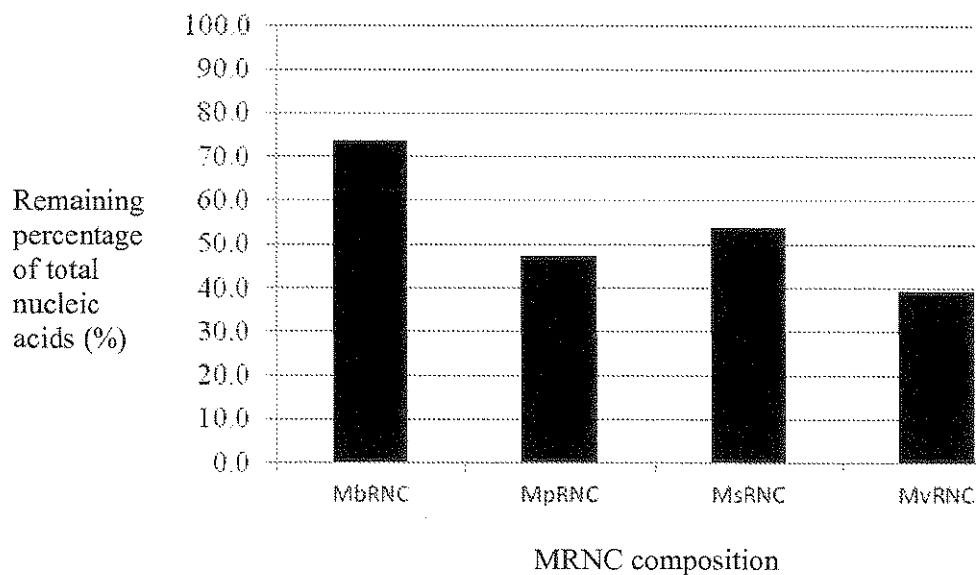


Figure 4b. RNase-susceptible nucleic acids determined by scanning densitometry



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Figure 5. Mycolic acid profile of MpRNC Intermediate.

Figure 5a. Mycolic acid profile of extractable lipids determined by RP-HPLC. Behenic acid (C22:0) was used as the standard for quantification of extractable lipids.

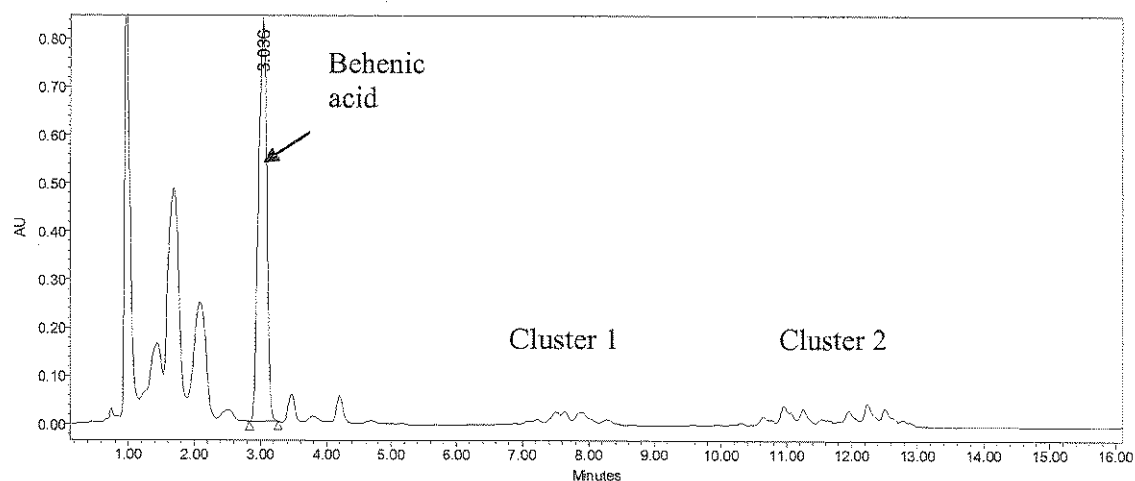
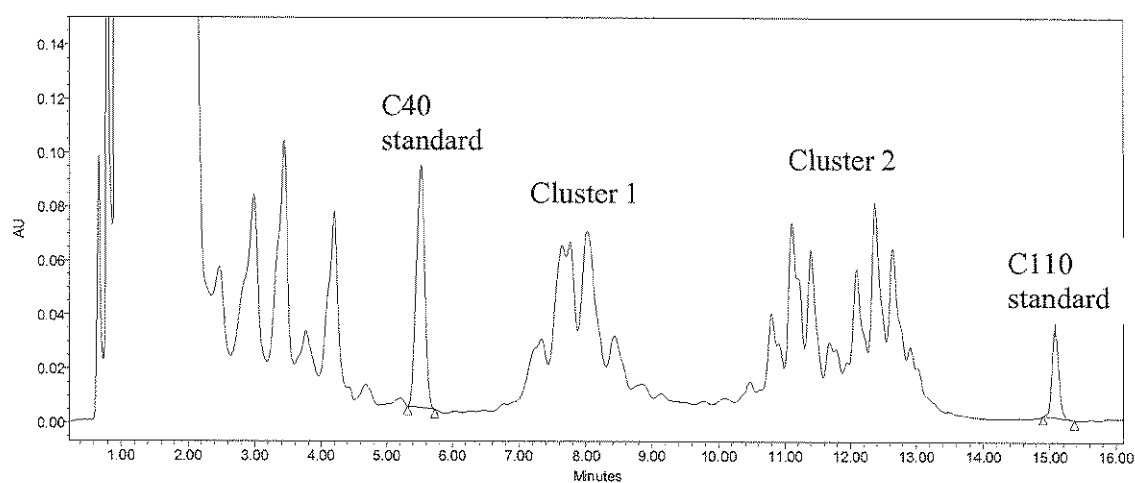
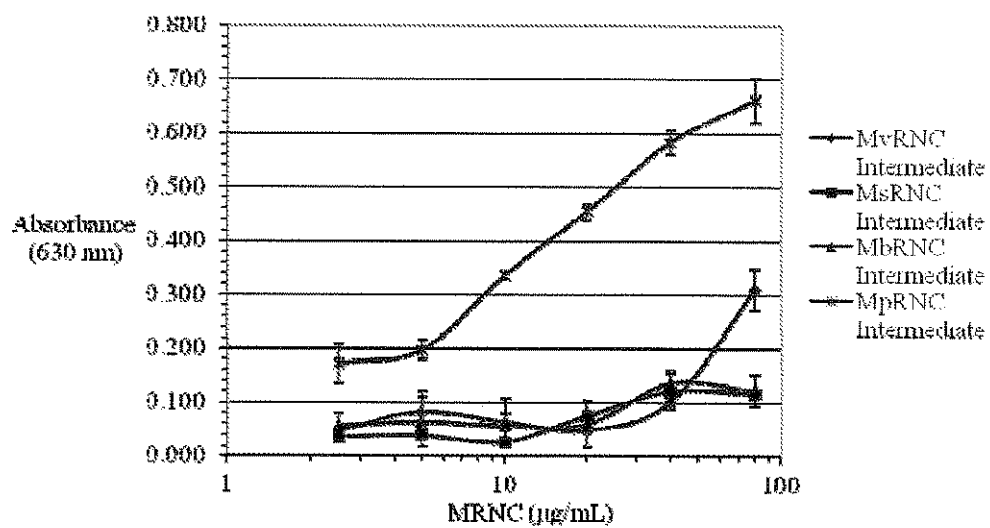


Figure 5b. Mycolic acid profile of saponifiable lipids by RP-HPLC. Low and high mycolic acid carbon number standards (Corixa: estimated to be ~C40 and ~C110) were used as internal standards (IS) for quantification of saponifiable lipids.



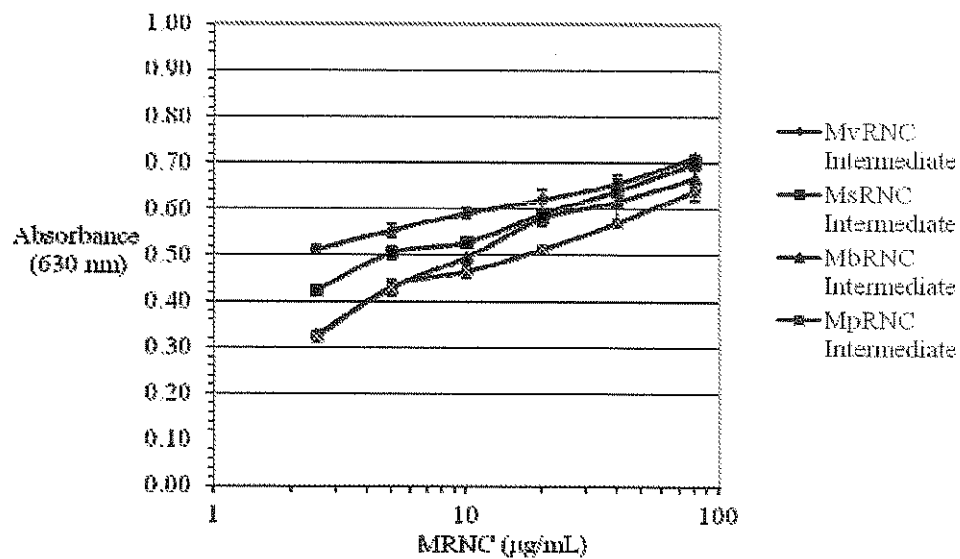
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Figure 6. NOD2 activation by mycobacterial RNC



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Figure 7. TLR2 activation by mycobacterial RNC.



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Figure 8. Stimulation of IL-10 and IL-12p40 production in human peripheral blood mononuclear cells (PBMC) by MpRNC Intermediate containing varying proportions of intact autoclaved *Mycobacterium phlei*.

Figure 8a. PBMC - IL-10 induction

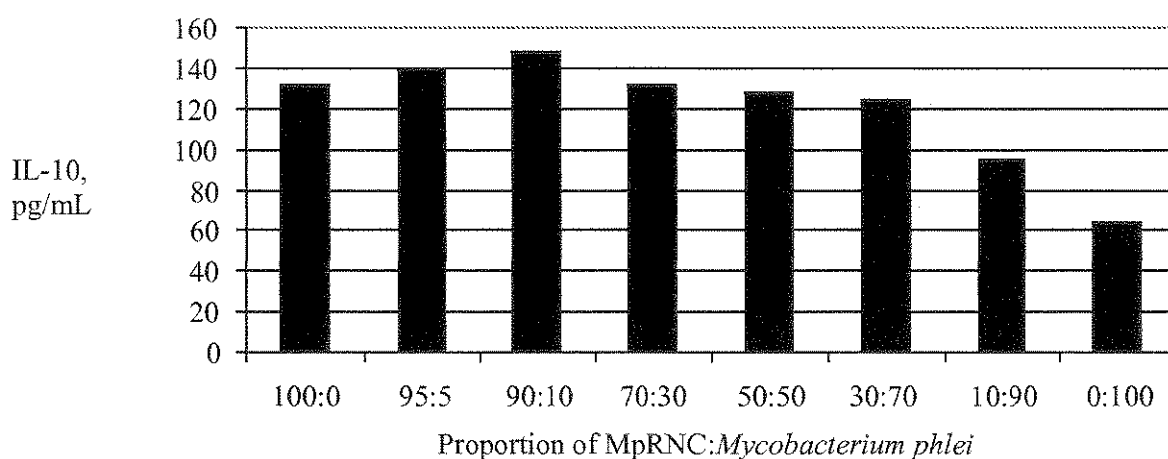


Figure 8b. PBMC - IL-12p40 induction

