

Supplementary Figure 1: Representation of the gene content of the genomic locus harboring the gene encoding phospholipase C (*MAB_0555*) of *M. abscessus* (top panel) and comparisons shown with other *mycobacteria* (bottom panel).

Supplementary Figure 2: (A) Time-course hydrolysis of p-NPPC by phospholipases C. rMabs-PLC (50 µg) was incubated at 37°C with 5 mM of p-NPPC in 1 mL (final volume) of Tris-HCl (pH 7.2) buffer with 5 mM CaCl₂ and 1.5% sorbitol. The release of p-nitrophenol was monitored at various times at 410 nm. Fifteen microgram of each PLC from *B. cereus* and *C. perfringens* (Sigma) were used as positive control in similar conditions. (B) Temperature effect on rMabs-PLC activity. The optimal temperature was determined by incubating the reaction mixture at different temperatures from 25°C to 55°C in 10 mM Tris-HCl buffer pH 7.2. (C) Effect of pH on rMabs-PLC. The optimal pH was determined by measuring the activity of rPLC at 37°C for 48 h incubation between pH 4 and pH 10 using 10 mM sodium acetate (pH 4-5); 10 mM Mes (pH 6-6.5); 10 mM Tris/HCl (pH 7-8) and 10 mM glycine (pH 9.0) and 10 mM sodium bicarbonate (pH 10) using p-NPPC as substrate.

Supplementary Table 1: List of Primers used in this study.

Primer name	Primer sequence	Restriction site
	Construction of KO PLC mutant	
PLCF1	5'-CGGTCGTAGCCTGAAGCGATG-3'	
PLCR1	5'-ACGGCATGAAATGGAAGCCAT-3'	
KM_uIF1	5'-CG <u>ACGCGT</u> TAAAACGACGGCCAGTGAAT-3'	<i>MluI</i>
KM_lIR1	5'-CG <u>ACGCGT</u> CAGGAAACAGCTATGACCATGA-3'	<i>MluI</i>
PLCF2	5'-ATG <u>CCATGGT</u> CAGCCCGCTGACCGCCGC-3'	<i>NcoI</i>
PLCR2	5'-AACATGAAGCTTGGCGGCGTGGGTACCGC-3'	<i>HindIII</i>
HyPLCF1	5'- <u>CAGCTGACCT</u> CGAACTCCAACAGGTGA-3'	<i>PvuII</i>
HyPLCR1	5'- <u>GTTAACACGG</u> CATGAAATGGAAGCCAT-3'	<i>HpaI</i>
ZeoF1	5'- <u>CCCAAGCTT</u> CAGGCATCAAATAAAACGAAA-3'	<i>HindIII</i>
ZeoR1	5'- <u>CCATCGATT</u> CAGTCCTGCTCCTCGGCCAC-3'	<i>Clal</i>
RHF1	5'-ATCTGATGCACGACGAATCA-3'	
RHR1	5'-CGTAGGTGGTCCAGCCATAG-3'	
0555F	5'-CCCGCGGTGTCCTGGCTCATC-3'	
0555R	5'-TGATACCGCCAGCGCCGCAGA-3'	
	Quantitative PCR	
PLCRTF	5'CATTACTTCGGCACCCCTGTC3'	
PLCRTR	5'ATGAGCAGCCATCCAGTTGT3'	