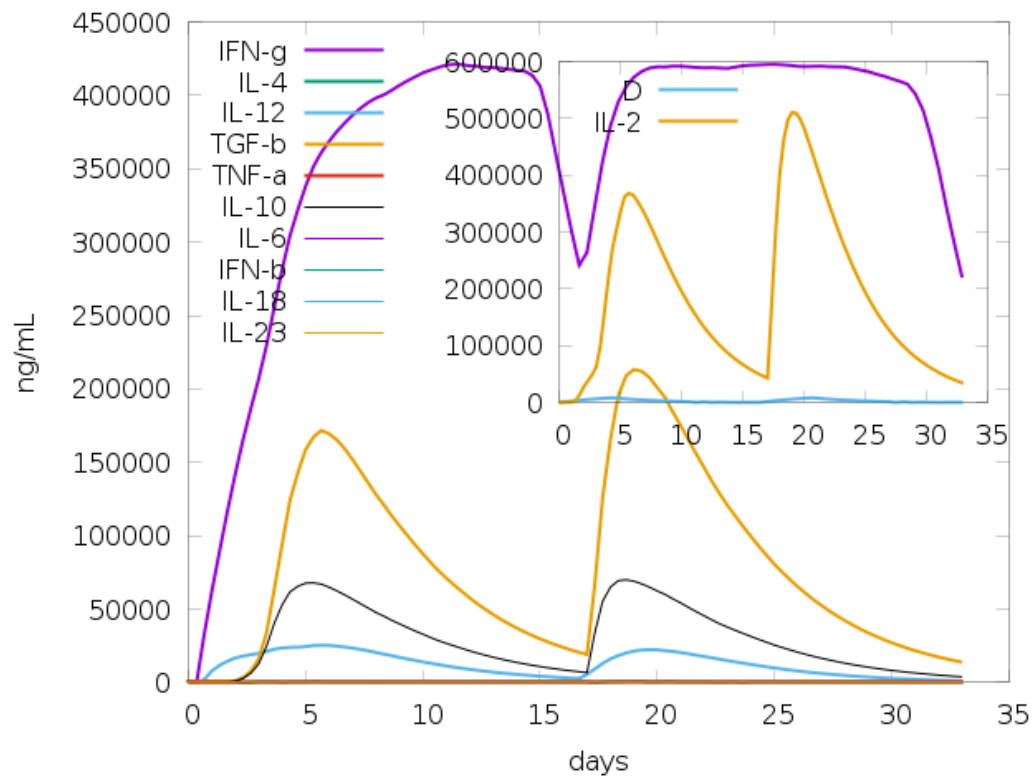


Designing multiepitope-based vaccine against *Eimeria* from Immune mapped protein 1 (IMP-1) antigen using immunoinformatic approach

Table S1: *Eimeria* IMP1 protein sequences and their species

Sequence ID Name	Name of Species
>AGG13402.1	immune mapped protein 1 [<i>Eimeria tenella</i>]
>XP_013228705.1	Immune mapped protein 1 [<i>Eimeria tenella</i>]
>CDJ37867.1	Immune mapped protein 1 [<i>Eimeria tenella</i>]
>CBL80638.2	immune mapped protein 1 [<i>Eimeria tenella</i>]
>CBL80642.1	immune mapped protein 1 [<i>Eimeria maxima</i>]
>CBL80637.1	immune mapped protein 1 [<i>Eimeria maxima</i>]
>CBL80636.1	immune mapped protein 1 [<i>Eimeria maxima</i>]
>AKJ88134.1	immune-mapped protein 1 [<i>Eimeria maxima</i>]
>XP_013350261.1	Immune mapped protein-1, related [<i>Eimeria mitis</i>]
>XP_013334350.1	Immune mapped protein-1, related [<i>Eimeria maxima</i>]
>XP_013250345.1	Immune mapped protein-1, related [<i>Eimeria acervulina</i>]
>CDJ48735.1	Immune mapped protein-1, related [<i>Eimeria brunetti</i>]
>CDJ57702.1	Immune mapped protein-1, related [<i>Eimeria maxima</i>]
>CDI79570.1	Immune mapped protein-1, related [<i>Eimeria acervulina</i>]
>CDJ27683.1	Immune mapped protein-1, related [<i>Eimeria mitis</i>]
>XP_013435884.1	Immune mapped protein 1, related [<i>Eimeria necatrix</i>]
>CDJ67417.1	Immune mapped protein 1, related [<i>Eimeria necatrix</i>]
>CDI75999.1	Immune mapped protein 1, related [<i>Eimeria praecox</i>]

(a)



(b)

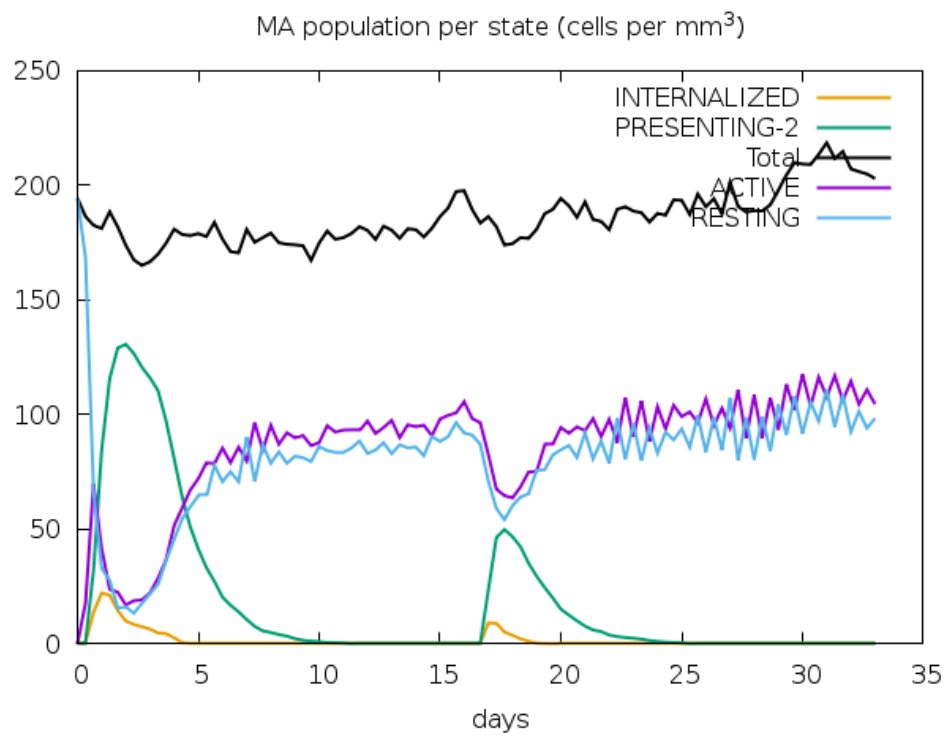


Fig. S1 (a) Cytokine plot showing Concentration of cytokines and interleukins. D in the inset plot is danger signal. **(b)** Macrophage plot showing total count, internalized, presenting on MHC class-II, active and resting macrophages.