Homology modeling and optimized expression of truncated IK protein, tIK, as an anti-inflammatory peptide

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Supplementary

Supplementary 1. MSA and homology modeling using three selected template proteins and tIK.

A

The structure of IL-10 dimer

B

The structure of modeled tIK protein

Supplementary 2. Comparison of IL-10 dimer and tIK dimer structures with high homology.

Supplementary 3. Anti-inflammatory test of tIK-YK1,2,3,4 and tIK-9 mer. Each is represented by P1,2,3,4,4S in order.