

Supplementary Material

Milk peptides found in human jejunum after whey or casein intake induce CCK and GLP-1 secretion and inhibit DPP-IV

Santiago María Vivanco-Maroto^{a,1}, Cristina Gómez-Marín^{a,b,1}, Isidra Recio^a, Beatriz Miralles^a

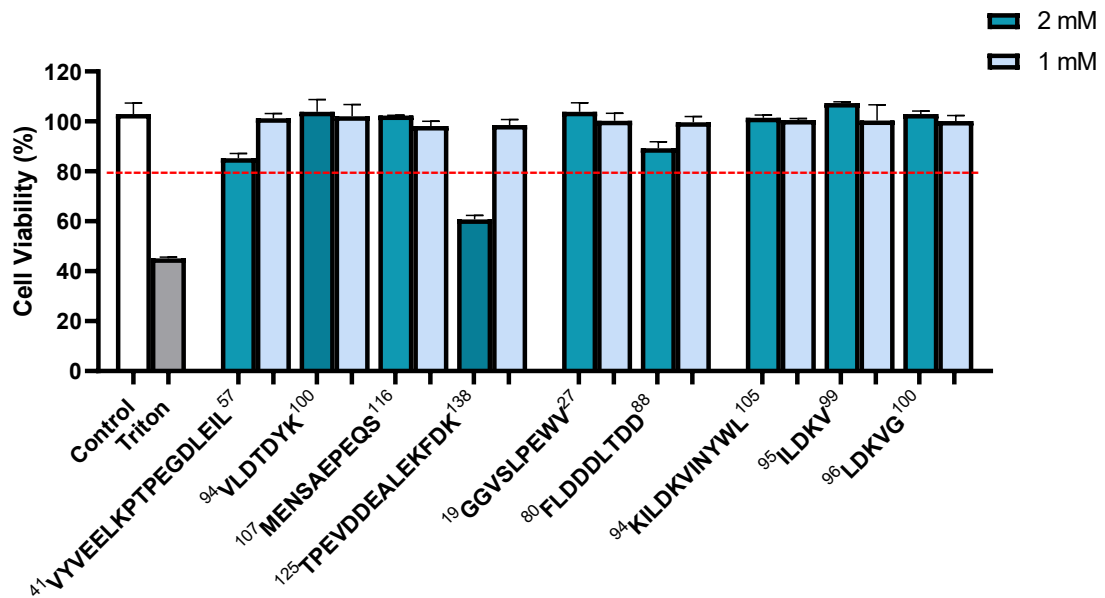
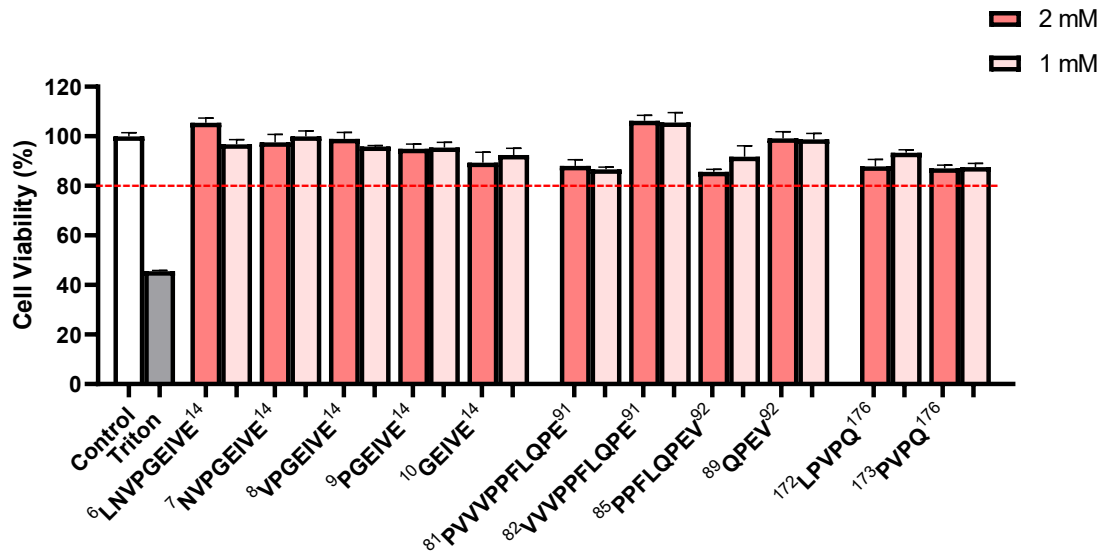
^aInstituto de Investigación en Ciencias de la Alimentación, CIAL (CSIC-UAM, CEI UAM + CSIC), Nicolás Cabrera, 9, 28049 Madrid, Spain

^bEscuela de Doctorado, Universidad Autónoma de Madrid, C. Francisco Tomás y Valiente, 2, 28049 Madrid, Spain

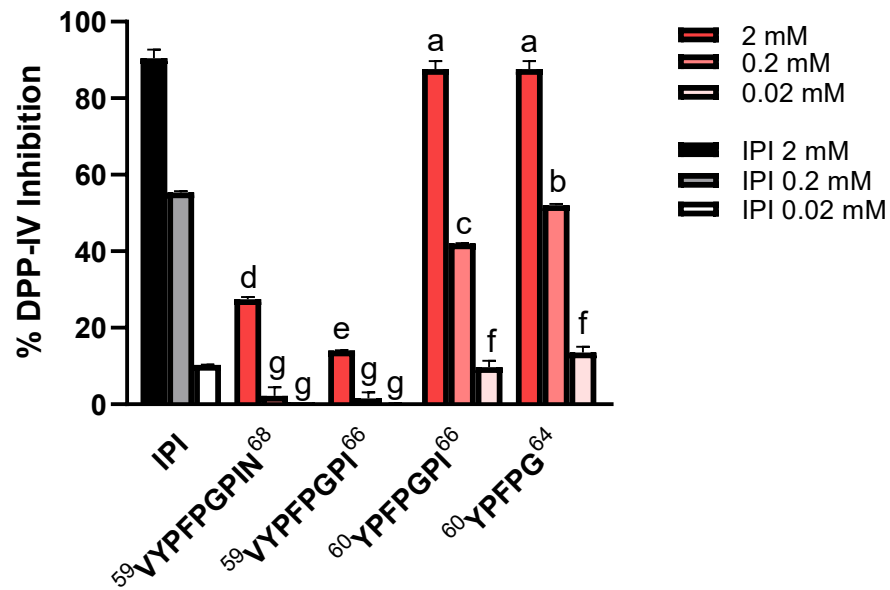
¹ Both authors have contributed equally to this paper

Corresponding author: Beatriz Miralles

E-mail address: beatriz.miralles@csic.es



Supplementary 1. Cell viability in STC-1 cells following 2 h of incubation with synthetic peptides derived from casein, β -lactoglobulin, and α -lactalbumin. Cell experiments were performed in triplicate, followed by technical triplicates.



Supplementary 2. DPP-IV enzyme inhibition in the presence of β -casein peptides at different protein concentrations (2.00, 0.20, and 0.02 mM) using Caco-2 cells. Error bars indicate SEM (n=3). Statistical significance compared between different samples is indicated by different letters (one-way ANOVA with Tukey's post hoc test). IPI is the positive control