Supplemental tables

Table S1: Enzymatic activity assay conditions

Enzyme	Substrate	Km (mM)	Buffer and Temperature	Excitation/ Emission	Reference
Carboxypeptidase D (Creative Enzyme)	furylacryloyl-AK (Sigma)	0,962	50 mM acetate buffer, pH 4.5, 1 mM EDTA, 25 ˚C	340 (chromogenic)	[1]
Kexin (Creative Enzyme)	Boc-QGR-MCA (BioSource)	0,32	50mM Tris-HCl pH 7.0, 1 mM $CaCl_2$ 37 ˚C	328/393	[2]
Pepsin from porcine (Sigma)	MOCAc-APAKFFRLK-(Dnp)-NH (BioSource)	$6{,}17 \times 10^{-3}$	50 mM sodium citrate pH:3 37 ˚C	328/393	[3]
Subtilisin A (Sigma)	Suc-AAPF-pNA (Sigma)	0,2	Activity: 100 mM Tris-HCl pH:8.6, 25 ˚C	405 nm (chromogenic)	[4]
Papain (Sigma)	Z-FR-AMC (MD Systems)	0,06	100 mM sodium phosphate buffer, pH	353/442	[5]

			6.5, 2 mM DTT, 1 mM EDTA, 25 ˚C		
Thermolysin (Promega)	Mca-PLGL-Dpa-AR-NH2 (Boc Science)	2×10^{-3}	50mM Tris-HCl pH 7.5, 1 mM $ZnCl_2$ T: 25 ˚C	328/393	6
20S Proteasome from Rat (Fisher Scientific)	Suc-LLVY-AMC (Fisher Scientific)	0.07	50 mM Tris–HCl and 1 mM EDTA, pH 7.5 T: 37 ˚C	353/442	7

Table S2: Extracts combinations used in quantitative proteomics comparisons

A	*C. nemoralis* crude
A-B	*C. nemoralis* crude-*C. nemoralis* clarified
A-B-C	*C. nemoralis* crude-*C. nemoralis* clarified-*C. chinensis* clarified-*C. chinensis* crude
A-B-C-D	*C. nemoralis* crude-*C. nemoralis* clarified-*C. chinensis* crude-*C. chinensis* clarified
A-B-C-D-E	*C. nemoralis* crude-*C. nemoralis* clarified-*C. chinensis* crude-*C. chinensis* clarified-*P. pilsbryi* crude
A-B-C-D-E-F	*C. nemoralis* crude-*C. nemoralis* clarified-*C. chinensis* crude-*C. chinensis* clarified-*P. pilsbryi* crude-*P. pilsbryi* clarified
A-B-C-D-F	*C. nemoralis* crude-*C. nemoralis* clarified-*C. chinensis* crude-*C. chinensis* clarified-*P. pilsbryi* clarified
A-B-C-E-F	*C. nemoralis* crude-*C. nemoralis* clarified-*C. chinensis* clarified-*C. chinensis* crude-*P. pilsbryi* crude-*P. pilsbryi* clarified
A-B-C-F	*C. nemoralis* crude-*C. nemoralis* clarified-*C. chinensis* clarified-*C. chinensis* crude-*P. pilsbryi* clarified

A-B-D-E-F	*C. nemoralis* crude-*C. nemoralis* clarified-*C. chinensis* clarified-*P. pilsbryi* crude-*P. pilsbryi* clarified
A-B-E	*C. nemoralis* crude-*C. nemoralis* clarified-*P. pilsbryi* crude
A-B-E-F	*C. nemoralis* crude-*C. nemoralis* clarified-*P. pilsbryi* crude-*P. pilsbryi* clarified
A-B-F	*C. nemoralis* crude-*C. nemoralis* clarified-*P. pilsbryi* clarified
A-C-D-F	*C. nemoralis* crude-*C. chinensis* crude-*C. chinensis* clarified-*P. pilsbryi* clarified
A-C-E-F	*C. nemoralis* crude-*C. chinensis* crude-*P. pilsbryi* crude-*P. pilsbryi* clarified
A-E	*C. nemoralis* crude-*P. pilsbryi* crude
A-E-F	*C. nemoralis* crude-*P. pilsbryi* crude-*P. pilsbryi* clarified
A-F	*C. nemoralis* crude-*P. pilsbryi* clarified
B	*C. nemoralis* clarified
B-C	*C. nemoralis* clarified-*C. chinensis* crude
B-C-D-E-F	*C. nemoralis* clarified-*C. chinensis* crude-*C. chinensis* clarified-*P. pilsbryi* crude-*P. pilsbryi* clarified
B-C-D-F	*C. nemoralis* clarified-*C. chinensis* crude-*C. chinensis* clarified-*P. pilsbryi* clarified
B-C-F	*C. nemoralis* clarified-*C. chinensis* crude-*P. pilsbryi* clarified
B-D	*C. nemoralis* clarified-*C. chinensis* clarified
B-E-F	*C. nemoralis* clarified-*P. pilsbryi* crude-*P. pilsbryi* clarified
B-F	*C. nemoralis* clarified-*P. pilsbryi* clarified
C	*C. chinensis* crude
C-D	*C. chinensis* crude-*C. chinensis* clarified
C-D-E-F	*C. chinensis* crude-*C. chinensis* clarified-*P. pilsbryi* crude-*P. pilsbryi* clarified
C-E-F	*C. chinensis* crude-P. pylsbri crude-P. pylsbri clarified
C-F	*C. chinensis* crude-*P. pilsbryi* clarified
D	*C. chinensis* clarified
D-F	*C. chinensis* clarified-*P. pilsbryi* clarified
E	*P. pilsbryi* crude
E-F	*P. pilsbryi* crude-*P. pilsbryi* clarified
F	*P. pilsbryi* clarified

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