

Table S1. Top 10 parent proteins of endogenous peptides and bioactive peptides in human, bovine, and donkey colostrum

Protein names	Source	The number of endogenous peptides	The number of bioactive peptides
CSN2	HC	1562	238
SPP1	HC	809	0
CSN1S1	HC	532	0
PIGR	HC	347	0
CSN3	HC	207	7
CLU	HC	99	0
BTN1A1	HC	56	0
CEL	HC	42	0
B4GALT1	HC	29	0
MUC1	HC	19	0
CSN2	BC	1859	876
CSN1S1	BC	1321	438
CSN1S2	BC	913	143
PIGR	BC	332	0
CSN3	BC	435	87
BTN1A1	BC	154	0
GLYCAM1	BC	132	0
LGB	BC	126	61
Serum amyloid A protein	BC	365	0
SPP1	BC	116	0
csn2	DC	669	14
PLIN2	DC	471	0
BTN1A1	DC	421	0
PIGR	DC	311	0
SPP1	DC	262	0
CSN1S2	DC	350	1
CSN1S1	DC	296	0
Serum amyloid A protein	DC	172	0
SLC34A2	DC	170	0
EZR	DC	115	0