

Formule de la caséine α S1:

1	Arg Pro Lys His Pro Ile Lys His Gln Gly Leu Pro Gln Glu Val	15
16	Leu Asn Glu Asn Leu Leu Arg Phe Phe Val Ala Pro Phe Pro Glu	30
31	Val Phe Gly Lys Glu Lys Val Asn Glu Leu Ser Lys Asp Ile Gly	45
46	Ser Glu Ser Thr Glu Asp Gln Ala Met Glu Asp Ile Lys Gln Met	60
61	Glu Ala Glu Ser Ile Ser Ser Ser Glu Glu Ile Val Pro Asn Ser	75
76	Val Glu Gln Lys His Ile Gln Lys Glu Asp Val Pro Ser Glu Arg	90
91	Tyr Leu Gly Tyr Leu Glu Gln Leu Leu Arg Leu Lys Lys Tyr Lys	105
106	Val Pro Gln Leu Glu Ile Val Pro Asn Ser Ala Glu Glu Arg Leu	120
121	His Ser Met Lys Glu Gly Ile His Ala Gln Gln Lys Glu Pro Met	135
136	Ile Gly Val Asn Gln Glu Leu Ala Tyr Phe Tyr Pro Glu Leu Phe	150
151	Arg Gln Phe Tyr Gln Leu Asp Ala Tyr Pro Ser Gly Ala Trp Tyr	165
166	Tyr Val Pro Leu Gly Thr Gln Tyr Thr Asp Ala Pro Ser Phe Ser	180
181	Asp Ile Pro Asn Pro Ile Gly Ser Glu Asn Ser Glu Lys Thr Thr	195
196	Met Pro Leu Trp	

Formule de la caséine α S2:

1	Lys Asn Thr Met Glu His Val Ser Ser Ser Glu Glu Ser Ile Ile	15
16	Ser Gln Glu Thr Tyr Lys Gln Glu Lys Asn Met Ala Ile Asn Pro	30
31	Ser Lys Glu Asn Leu Cys Ser Thr Phe Cys Lys Glu Val Val Arg	45
46	Asn Ala Asn Glu Glu Glu Tyr Ser Ile Gly Ser Ser Ser Glu Glu	60
61	Ser Ala Glu Val Ala Thr Glu Glu Val Lys Ile Thr Val Asp Asp	75
76	Lys His Tyr Gln Lys Ala Leu Asn Glu Ile Asn Gln Phe Tyr Gln	90
91	Lys Phe Pro Gln Tyr Leu Gln Tyr Leu Tyr Gln Gly Pro Ile Val	105
106	Leu Asn Pro Trp Asp Gln Val Lys Arg Asn Ala Val Pro Ile Thr	120
121	Pro Thr Leu Asn Arg Glu Gln Leu Ser Thr Ser Glu Glu Asn Ser	135
136	Lys Lys Thr Val Asp Met Glu Ser Thr Glu Val Phe Thr Lys Lys	150
151	Thr Lys Leu Thr Glu Glu Glu Lys Asn Arg Leu Asn Phe Leu Lys	165
166	Lys Ile Ser Gln Arg Tyr Gln Lys Phe Ala Leu Pro Gln Tyr Leu	180
181	Lys Thr Val Tyr Gln His Gln Lys Ala Met Lys Pro Trp Ile Gln	195
196	Pro Lys Thr Lys Val Ile Pro Tyr Val Arg Tyr Leu	

Caséine béta :

1 Arg Glu Leu Glu Glu Leu Asn Val **Pro** Gly Glu Ile Val Glu **Ser** 15
16 Leu **Ser Ser Ser** Glu Glu Ser Ile Thr Arg Ile Asn Lys Lys Ile 30
31 Glu Lys Phe Gln **Ser** Glu Glu Gln Gln Gln Thr Glu Asp Glu Leu 45
46 Gln Asp Lys Ile His **Pro** Phe Ala Gln Thr Gln Ser Leu Val Tyr 60
61 **Pro** Phe **Pro** Gly **Pro** Ile **Pro** Asn Ser Leu **Pro** Gln Asn Ile **Pro** 75
76 **Pro** Leu Thr Gln Thr **Pro** Val Val Val **Pro Pro** Phe Leu Gln **Pro** 90
91 Glu Val Met Gly Val Ser Lys Val Lys Glu Ala Met Ala **Pro** Lys 105
106 His Lys Glu Met **Pro** Phe **Pro** Lys Tyr **Pro** Val Glu **Pro** Phe Thr 120
121 Glu Ser Gln Ser Leu Thr Leu Thr Asp Val Glu Asn Leu His Leu 135
136 **Pro** Leu **Pro** Leu Leu Gln Ser Trp Met His Gln **Pro** His Gln **Pro** 150
151 Leu **Pro Pro** Thr Val Met Phe **Pro Pro** Gln Ser Val Leu Ser Leu 165
166 Ser Gln Ser Lys Val Leu **Pro** Val **Pro** Gln Lys Ala Val **Pro** Tyr 180
181 **Pro** Gln Arg Asp Met **Pro** Ile Gln Ala Phe Leu Leu Tyr Gln Glu 195
196 **Pro** Val Leu Gly **Pro** Val Arg Gly **Pro** Phe **Pro** Ile Ile Val

Caséine kappa

1	Gln Glu Gln Asn Gln Glu Gln Pro Ile Arg Cys Glu Lys Asp Glu	15
16	Arg Phe Phe Ser Asp Lys Ile Ala Lys Tyr Ile Pro Ile Gln Tyr	30
31	Val Leu Ser Arg Tyr Pro Ser Tyr Gly Leu Asn Tyr Tyr Gln Gln	45
46	Lys Pro Val Ala Leu Ile Asn Asn Gln Phe Leu Pro Tyr Pro Tyr	60
61	Tyr Ala Lys Pro Ala Ala Val Arg Ser Pro Ala Gln Ile Leu Gln	75
76	Trp Gln Val Leu Ser Asn Thr Val Pro Ala Lys Ser Cys Gln Ala	90
91	Gln Pro Thr Thr Met Ala Arg His Pro His Pro His Leu Ser Phe	105
106	Met Ala Ile Pro Pro Lys Lys Asn Gln Asp Lys Thr Glu Ile Pro	120
121	Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser Thr Pro Thr	135
136	Thr Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp Ser Pro	150
151	Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val Thr	165
166	Ser Thr Ala Val	