

Alpha chain

	81	91	101	111	121	
Bovine	DQDFT	SRINK	<u>LR</u> DSL FNYQK NSKDS NTLTK NIVEL M <u>RG</u> DF AKANN NDNTF			
Human		NQDFT	NRINK	LKNSL FEYQK NNKDS HSLTT NIMEI	<u>LR</u> GF SSANN RDNTY	
	78	88	98	108	118	
	131	141	151	161	171	
Bovine	KQISE	<u>DLRSR</u>	<u>IEILR</u>	RKVIE QVQRI KVLQK NVRDQ	LVDMK RLEVD IDIKI	
Human		NRVSE	<u>DLRSR</u>	<u>IEVLK</u>	RKVIE KVQHI QLLQK NVRAQ	LVDMK RLEVD IDIKI
	128	138	148	158	168	
	181	191	201	211	221	
Bovine	<u>RSCKG</u>	SCSRA LEHKV DLEDY KNQQK	QLEQV IAINL	<u>LPSRD</u>	IQYLP LIKMS	
Human		<u>RSCRG</u>	SCSRA LAREV DLKDY EDQQK	QLEQV IAKDL	<u>LPSRD</u>	RQHLP LIKMK
	178	188	198	208	218	
	231	241				
Bovine	TITGP	<u>VPREF</u>	KSQLQ EAPLE			
Human		PVPDL	<u>VPGNF</u>	KSQLQ KVPPE		
	228	238				

Beta chain

	1	11	21	31	41		
Bovine	QFPTD	YDEGQ	DDRPK VGLGA	<u>RGHRP</u>	YDKKK EEAPS	<u>LRPVP</u> PPISG GGYRA	
Human		CVFLV	KSQGV NDNEE	GFFSA	<u>RGHRP</u>	LDKKR EEAPS	<u>LRPAP</u> PPISG GGYRA
	24	34	44	54	64		

Gamma chain



Figure S1. Sequence comparison between bovine and human fibrinogen according to α , β , and γ chains. **R** = citrulline (site citrullinated by PAD2 or PAD4), grey box = homologous sequence.