Supp Figure 1

Kisspeptin nucleotide species comparison

canine human mouse	10 CACTGCCAGCACCTGC CACTTCTAGGACCTGC -GACTGTAG-ACCTGC	ATCATCTCAC	CAGGATGAACI CAAGATGAACI	CCCTGGTTTC:	TTGGCAGCTA TTGGCAGCTA	ATGCTTCTCCT CTGCTT <mark>T</mark> TCCT	CTGTGCCACT	TCCTTCAGGG CACTTTGGGG	AGACATTAGA	AAAGGTGGCA AAAGGTGGCC	CCCATGGAG TCTGTGGGG	120 ACT AAT AAG
canine human mouse	130 CCTGGACCTGCAGGCC TCTAGACCCACAGGCC CCTGGATCCACAGGCC	AGCGGCTGGG AGCAGCTAGA	AGCCCAGGCCC ATCCCTGGGCC	TCCCGGCCCC	CTGGGAGCGG CGGGGAGCAG	AGCCCGCCGCG AGCCTGCCGTG	CGCCCCCCAG	CGCCACCTGA	TGCCCGCCCGC C-TGCTACTGC	CGGGGGCGCG	GACCTGCCC	GCC GAC
canine human mouse	250 TACAACTGGAACGTCT CTCGCTGTCCCCCCCC GTCGCCATGCCCGCCC	TCGGCCTGCG CCCGAGAG	CTACGGCAGGC CTCCGGGAGCC	GGCGGGGCCGC	GACCCCGGGG GGGCCTGTCC	CTGCGCGGGGG GCCCCCCACAG	BAACCCCAAGC	CCCAGGCTCA	GGGTCCCGGT	GGCTGGGGC GCTGGTGC	CTGGGGCTG AGCGGGAGA	
canine human mouse	370 TCCTGAAGAGACATAA ACCTGCCGAACTACAA ACCTGCCGAACTACAA	AGGAATGCTG CTGGA-ACTC	CTTCG-GCCTG	GAGTGCGACC CGCTTCGGCA	TGGGGGCTGAC AGCGGGGAGGC	ITTTGCAAGCA GGC-ACCAGGG	GCACAGACGA	GACCGCTCTC	ATTCTACCCT	TTTTGGCTC	GTGC-GGGGG	CTT C
canine human mouse	490 TAAAATGGCTTTTAGI AGTGAACTTCAGAC AGGGAGCTTCTAGA	GTTACCAA CCCAAAGGAG	TCAGAGCATGO	AGTGCTTTTC	CAACTAGCGA CGGGGGGGGCGG		550 - GCCTG TAAGG					

Start and stop codons

^B Kisspeptin amino acid species comparison

canine human	10 MNSLVSWQLMLLLCAT MNSLVSWOLLLFLCAT	SFRETLEKVA	PMETPGPAG	QRLGAQALP.	APWER		SPP		-RAPQRHLMP	ARRGA	DLP
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mouse	MISMASWQLLLLLCVA	TYGEPLAKVK	PGSTG	QQSGFQELV	NAWEKESRYAE	SKPGSAGLRAI	RR-SSPCPPVI	EGPAGRQRP-	LCASESELIE	APRGAVLVQRI	EKDLS
		130 .									
canine	AYNWNVFGLRYGRRRA										
human	NYNWNSFGLRFGKREA	APGNHGR	SAG	RG							
mouse	TYNWNSFGLRYGRRQA	AR	AA	RG							

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