

hPKCtheta\_ORF -> Genes

DNA	sequence	2121	b.p.	ATGTCGCCATTT ... CTGATATCCTGA	linear		
1	ATG TCG CCA TTT CTT CGG ATT GGC TTG TCC AAC TTT GAC TGC GGG TCC TGC CAG TCT TGT CAG GGC GAG GCT GTT					75	
1	M S P F L R I G L S N F D C G S C Q S C Q G E A V					25	
76	AAC CCT TAC TGT GCT GTG CTC GTC AAA GAG TAT GTC GAA TCA GAG AAC GGG CAG ATG TAT ATC CAG AAA AAG CCT					150	
26	N P Y C A V L V K E Y V E S E N G Q M Y I Q K K P					50	
151	ACC ATG TAC CCA CCC TGG GAC AGC ACT TTT GAT GCC CAT ATC AAC AAG GGA AGA GTC ATG CAG ATC ATT GTG AAA					225	
51	T M Y P P W D S T F D A H I N K G R V M Q I I V K					75	
226	GGC AAA AAC GTG GAC CTC ATC TCT GAA ACC ACC GTG GAG CTC TAC TCG CTG GCT GAG AGG TGC AGG AAG AAC AAC					300	
76	G K N V D L I S E T T V E L Y S L A E R C R K N N					100	
301	GGG AAG ACA GAA ATA TGG TTA GAG CTG AAA CCT CAA GGC CGA ATG CTA ATG AAT GCA AGA TAC TTT CTG GAA ATG					375	
101	G K T E I W L E L K P Q G R M L M N A R Y F L E M					125	
376	AGT GAC ACA AAG GAC ATG AAT GAA TTT GAG ACG GAA GGC TTC TTT GCT TTG CAT CAG CGC CGG GGT GCC ATC AAG					450	
126	S D T K D M N E F E T E G F F A L H Q R R G A I K					150	
451	CAG GCA AAG GTC CAC CAC GTC AAG TGC CAC GAG TTC ACT GCC ACC TTC TTC CCA CAG CCC ACA TTT TGC TCT GTC					525	
151	Q A K V H H V K C H E F T A T F F P Q P T F C S V					175	
526	TGC CAC GAG TTT GTC TGG GGC CTG AAC AAA CAG GGC TAC CAG TGC CGA CAA TGC AAT GCA GCA ATT CAC AAG AAG					600	
176	C H E F V W G L N K Q G Y Q C R Q C N A A I H K K					200	
601	TGT ATT GAT AAA GTT ATA GCA AAG TGC ACA GGA TCA GCT ATC AAT AGC CGA GAA ACC ATG TTC CAC AAG GAG AGA					675	
201	C I D K V I A K C T G S A I N S R E T M F H K E R					225	
676	TTC AAA ATT GAC ATG CCA CAC AGA TTT AAA GTC TAC AAT TAC AAG AGC CCG ACC TTC TGT GAA CAC TGT GGG ACC					750	
226	F K I D M P H R F K V Y N Y K S P T F C E H C G T					250	
751	CTG CTG TGG GGA CTG GCA CGG CAA GGA CTC AAG TGT GAT GCA TGT GGC ATG AAT GTG CAT CAT AGA TGC CAG ACA					825	
251	L L W G L A R Q G L K C D A C G M N V H H R C Q T					275	
826	AAG GTG GCC AAC CTT TGT GGC ATA AAC CAG AAG CTA ATG GCT GAA GCG CTG GCC ATG ATT GAG AGC ACT CAA CAG					900	
276	K V A N L C G I N Q K L M A E A L A M I E S T Q Q					300	
901	GCT CGC TGC TTA AGA GAT ACT GAA CAG ATC TTC AGA GAA GGT CCG GTT GAA ATT GGT CTC CCA TGC TCC ATC AAA					975	
301	A R C L R D T E Q I F R E G P V E I G L P C S I K					325	
976	AAT GAA GCA AGG CCG CCA TGT TTA CCG ACA CCG GGA AAA AGA GAG CCT CAG GGC ATT TCC TGG GAG TCT CCG TTG					1050	
326	N E A R P P C L P T P G K R E P Q G I S W E S P L					350	
1051	GAT GAG GTG GAT AAA ATG TGC CAT CTT CCA GAA CCT GAA CTG AAC AAA GAA AGA CCA TCT CTG CAG ATT AAA CTA					1125	
351	D E V D K M C H L P E P E L N K E R P S L Q I K L					375	
1126	AAA ATT GAG GAT TTT ATC TTG CAC AAA ATG TTG GGG AAA GGA AGT TTT GGC AAG GTC TTC CTG GCA GAA TTC AAG					1200	
376	K I E D F I L H K M L G K G S F G K V F L A E F K					400	
1201	AAA ACC AAT CAA TTT TTC GCA ATA AAG GCC TTA AAG AAA GAT GTG GTC TTG ATG GAC GAT GAT GTT GAG TGC ACG					1275	
401	K T N Q F F A I K A L K K D V V L M D D D V E C T					425	
1276	ATG GTA GAG AAG AGA GTT CTT TCC TTG GCC TGG GAG CAT CCG TTT CTG ACG CAC ATG TTT TGT ACA TTC CAG ACC					1350	
426	M V E K R V L S L A W E H P F L T H M F C T F Q T					450	
1351	AAG GAA AAC CTC TTT TTT GTG ATG GAG TAC CTC AAC GGA GGG GAC TTA ATG TAC CAC ATC CAA AGC TGC CAC AAG					1425	
451	K E N L F F V M E Y L N G G D L M Y H I Q S C H K					475	
1426	TTC GAC CTT TCC AGA GCG ACG TTT TAT GCT GCT GAA ATC ATT CTT GGT CTG CAG TTC CTT CAT TCC AAA GGA ATA					1500	
476	F D L S R A T F Y A A E I I L G L Q F L H S K G I					500	
1501	GTC TAC AGG GAC CTG AAG CTA GAT AAC ATC CTG TTA GAC AAA GAT GGA CAT ATC AAG ATC GCG GAT TTT GGA ATG					1575	
501	V Y R D L K L D N I L L D K D G H I K I A D F G M					525	
1576	TGC AAG GAG AAC ATG TTA GGA GAT GCC AAG ACG AAT ACC TTC TGT GGG ACA CCT GAC TAC ATC GCC CCA GAG ATC					1650	
526	C K E N M L G D A K T N T F C G T P D Y I A P E I					550	
1651	TTG CTG GGT CAG AAA TAC AAC CAC TCT GTG GAC TGG TGG TCC TTC GGG GTT CTC CTT TAT GAA ATG CTG ATT GGT					1725	
551	L L G Q K Y N H S V D W W S F G V L L Y E M L I G					575	
1726	CAG TCG CCT TTC CAC GGG CAG GAT GAG GAG GAG CTC TTC CAC TCC ATC CGC ATG GAC AAT CCC TTT TAC CCA CGG					1800	
576	Q S P F H G Q D E E E L F H S I R M D N P F Y P R					600	
1801	TGG CTG GAG AAG GAA GCA AAG GAC CTT CTG GTG AAG CTC TTC GTG CGA GAA CCT GAG AAG AGG CTG GGC GTG AGG					1875	
601	W L E K E A K D L L V K L F V R E P E K R L G V R					625	

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1876 GGA GAC ATC CGC CAG CAC CCT TTG TTT CGG GAG ATC AAC TGG GAG GAA CTT GAA CGG AAG GAG ATT GAC CCA CCG 1950
626 G D I R Q H P L F R E I N W E E L E R K E I D P P 650

1951 TTC CGG CCG AAA GTG AAA TCA CCA TTT GAC TGC AGC AAT TTC GAC AAA GAA TTC TTA AAC GAG AAG CCC CGG CTG 2025
651 F R P K V K S P F D C S N F D K E F L N E K P R L 675

2026 TCA TTT GCC GAC AGA GCA CTG ATC AAC AGC ATG GAC CAG AAT ATG TTC AGG AAC TTT TCC TTC ATG AAC CCC GGG 2100
676 S F A D R A L I N S M D Q N M F R N F S F M N P G 700

2101 ATG GAG CGG CTG ATA TCC TGA 2121
701 M E R L I S * 707
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