

mPKCgamma_ORF -> Genes

DNA sequence	2094 b.p.	ATGGCGGGTCTG ... CCTGTCAATGTAA	linear
1 ATG GCG GGT CTG GGC CCT GGC GGA GGC GAC TCA GAA GGG GGA CCC CGA CCC CTG TTT TGC AGA AAG GGG GCG CTG	1 M A G L G P G G G D S E G G P R P L F C R K G A L		75 25
76 AGG CAG AAG GTG GTC CAC GAG GTG AAG AGC CAC AAG TTC ACC GCT CGT TTC TTC AAG CAG CCA ACC TTC TGC AGT	26 R Q K V V H E V K S H K F T A R F F K Q P T F C S		150 50
151 CAC TGT ACC GAC TTC ATC TGG GGC ATT GGA AAG CAG GGC CTG CAA TGT CAA GTC TGT AGC TTT GTG GTT CAC CGC	51 H C T D F I W G I G K Q G L Q C Q V C S F V V H R		225 75
226 CGA TGC CAC GAA TTT GTG ACC TTC GAG TGT CCA GGC GCT GGA AAG GGC CCC CAG ACG GAC GAC CCT CGC AAC AAG	76 R C H E F V T F E C P G A G K G P Q T D D P R N K		300 100
301 CAC AAG TTC CGT CTG CAC AGC TAC AGC AGT CCC ACC TTC TGC GAC CAC TGT GGC TCC CTC CTT TAC GGG CTG GTG	101 H K F R L H S Y S S P T F C D H C G S L L Y G L V		375 125
376 CAC CAG GGC ATG AAA TGT TCC TGT TGC GAG ATG AAT GTG CAC CGG CGC TGT GTG CGC AGC GTG CCC TCC CTT TGC	126 H Q G M K C S C C E M N V H R R C V R S V P S L C		450 150
451 GGT GTG GAC CAC ACA GAG CGC CGT GGA CGT CTG CAA CTG GAA ATC CGG GCT CCT ACG TCG GAT GAG ATC CAT ATT	151 G V D H T E R R G R L Q L E I R A P T S D E I H I		525 175
526 ACT GTT GGC GAG GCC CGG AAC CTC ATT CCT ATG GAC CCC AAT GGC CTG TCT GAT CCC TAC GTG AAA CTG AAG CTG	176 T V G E A R N L I P M D P N G L S D P Y V K L K L		600 200
601 ATC CCG GAC CCT CGG AAC CTG ACA AAA CAG AAG ACA AAG ACC GTG AAA GCC ACA CTG AAT CCC GTG TGG AAC GAG	201 I P D P R N L T K Q K T K T V K A T L N P V W N E		675 225
676 ACC TTC GTG TTC AAC CTG AAG CCA GGG GAT GTA GAG CGC CGG CTC AGT GTG GAG GTG TGG GAT TGG GAT AGG ACA	226 T F V F N L K P G D V E R R L S V E V W D W D R T		750 250
751 TCC CGA AAT GAC TTC ATG GGT GCC ATG TCC TTT GGT GTC TCA GAG CTA CTC AAG GCC CCT GTG GAT GGA TGG TAC	251 S R N D F M G A M S F G V S E L L K A P V D G W Y		825 275
826 AAG TTA CTG AAC CAG GAG GAG GGC GAA TAT TAC AAT GTA CCG GTG GCC GAT GCT GAC AAC TGC AGC CTC CTC CAG	276 K L L N Q E E G E Y Y N V P V A D A D N C S L L Q		900 300
901 AAG TTT GAG GCC TGC AAT TAC CCC TTG GAA TTG TAT GAG AGA GTG CGG ATG GGC CCC TCT TCC TCC CCC ATC CCT	301 K F E A C N Y P L E L Y E R V R M G P S S S P I P		975 325
976 TCT CCA TCC CCC AGT CCT ACG GAC TCC AAG CGA TGC TTC TTT GGT GCC AGC CCA GGA CGC CTG CAT ATC TCT GAC	326 S P S P S P T D S K R C F F G A S P G R L H I S D		1050 350
1051 TTC AGC TTC CTC ATG GTT CTA GGG AAA GGC AGT TTT GGG AAG GTA ATG CTG GCA GAG CGC AGA GGC TCC GAC GAA	351 F S F L M V L G K G S F G K V M L A E R R G S D E		1125 375
1126 CTC TAT GCC ATC AAG ATA CTG AAG AAA GAC GTC ATC GTC CAG GAT GAC GAT GTA GAC TGC ACC CTC GTA GAG AAG	376 L Y A I K I L K K D V I V Q D D D V D C T L V E K		1200 400
1201 CGT GTC CTG GCA TTG GGA GGC CGA GGT CCT GGA GGC CGG CCA CAC TTT CTC ACG CAG CTT CAC TCC ACC TTT CAG	401 R V L A L G G R G P G G R P H F L T Q L H S T F Q		1275 425
1276 ACT CCG GAC CGC CTG TAT TTT GTG ATG GAG TAT GTC ACT GGG GGC GAT TTA ATG TAC CAC ATC CAG CAA CTG GGC	426 T P D R L Y F V M E Y V T G G D L M Y H I Q Q L G		1350 450
1351 AAG TTT AAG GAG CCT CAT GCA GCA TTC TAC GCT GCG GAA ATC GCC ATA GGC CTC TTC TTC CTT CAC AAC CAG GGC	451 K F K E P H A A F Y A A E I A I G L F F L H N Q G		1425 475
1426 ATC ATC TAC AGG GAC CTC AAG TTG GAT AAT GTG ATG CTG GAT GCT GAA GGA CAC ATC AAG ATC ACA GAC TTT GGC	476 I I Y R D L K L D N V M L D A E G H I K I T D F G		1500 500
1501 ATG TGT AAA GAG AAT GTC TTC CCT GGG TCC ACA ACC CGC ACC TTC TGT GGC ACC CCA GAC TAC ATA GCA CCT GAG	501 M C K E N V F P G S T T R T F C G T P D Y I A P E		1575 525
1576 ATC ATT GCC TAT CAG CCC TAC GGG AAG TCT GTC GAC TGG TGG TCT TTT GGG GTC CTG CTG TAT GAG ATG TTG GCA	526 I I A Y Q P Y G K S V D W W S F G V L L Y E M L A		1650 550
1651 GGA CAG CCA CCC TTT GAT GGG GAA GAT GAG GAG GAG TTG TTT CAA GCC ATC ATG GAA CAA ACT GTC ACC TAT CCC	551 G Q P P F D G E D E E E L F Q A I M E Q T V T Y P		1725 575
1726 AAG TCA CTT TCC CGG GAA GCT GTG GCC ATC TGC AAA GGG TTC CTG ACC AAG CAC CCA GGA AAA CGC CTG GGC TCA	576 K S L S R E A V A I C K G F L T K H P G K R L G S		1800 600
1801 GGG CCA GAT GGG GAA CCC ACC ATC CGG GCT CAT GGC TTT TTC CGT TGG ATC GAT TGG GAG AGG TTG GAG AGA CTG	601 G P D G E P T I R A H G F F R W I D W E R L E R L		1875 625

1876	GAA	ATT	GCA	CCT	CCT	TTC	AGA	CCA	CGT	CCG	TGT	GGC	CGC	AGT	GGC	GAA	AAC	TTT	GAC	AAG	TTC	TTC	ACG	CGG	GCA	1950
626	E	I	A	P	P	F	R	P	R	P	C	G	R	S	G	E	N	F	D	K	F	F	T	R	A	650
1951	GCG	CCA	GCA	CTG	ACC	CCG	CCA	GAC	CGC	TTG	GTT	CTA	GCC	AGC	ATC	GAC	CAA	GCT	GAT	TTC	CAG	GGC	TTT	ACT	TAT	2025
651	A	P	A	L	T	P	P	D	R	L	V	L	A	S	I	D	Q	A	D	F	Q	G	F	T	Y	675
2026	GTG	AAC	CCG	GAC	TTC	GTG	CAC	CCA	GAT	GCC	CGC	AGC	CCC	ACA	AGC	CCT	GTG	CCC	GTG	CCT	GTC	ATG	TAA		2094	
676	V	N	P	D	F	V	H	P	D	A	R	S	P	T	S	P	V	P	V	P	V	M	*		698	