

mPKCeta\_ORF -> Genes

DNA sequence 2052 b.p. ATGTCGTCCGGC ... TTGCAACTGTAG linear

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

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1876 CAG TTA GAG CCG CCT TTC CGA CCT AGA ATC AAA TCC CGA GAA GAT GTC AGC AAT TTT GAC CCA GAC TTT ATA AAA 1950
626 Q L E P P F R P R I K S R E D V S N F D P D F I K 650

1951 GAA GAG CCC GTC TTA ACT CCG ATT GAT GAG GGA CAT CTT CCT ATG ATT AAC CAG GAT GAG TTT AGA AAC TTT TCC 2025
651 E E P V L T P I D E G H L P M I N Q D E F R N F S 675

2026 TAT GTG TCA CCG GAA TTG CAA CTG TAG 2052
676 Y V S P E L Q L * 684
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