

PhoenixTemp23568.tmp.txt  
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-25

-20

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-15

-10

-5

-1

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cag att ttg acg gat cgc ttc tat gac gga gat ccc gcg aac aac att 192

Gln Ile Leu Thr Asp Arg Phe Tyr Asp Gly Asp Pro Ala Asn Asn Ile

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30

ccc cca ggc aca ccc ccg gag ctg ttc aac gat gac aac ggg gat gga 240

Pro Pro Gly Thr Pro Pro Glu Leu Phe Asn Asp Asp Asn Gly Asp Gly

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cgc ggc gac gga acc gat ctg aac aaa tat caa ggc ggc gat tgg aaa 288

Arg Gly Asp Gly Thr Asp Leu Asn Lys Tyr Gln Gly Gly Asp Trp Lys

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ggc atc cag gag aaa atc ccg tac ctg aaa aat atg ggc att acg gcg 336

Gly Ile Gln Glu Lys Ile Pro Tyr Leu Lys Asn Met Gly Ile Thr Ala

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70

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80

gta tgg atc tcc gct ccg tac gag aac cgg gag aac ctg atc gcc ggc 384

Val Trp Ile Ser Ala Pro Tyr Glu Asn Arg Glu Asn Leu Ile Ala Gly

85

90

95

atg tac gca tcc tat cat ggc tat cat gcg cgg aat tac ttc gca acc 432

Met Tyr Ala Ser Tyr His Gly Tyr His Ala Arg Asn Tyr Phe Ala Thr

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105

110

aac cct cat ttc ggg aaa atg cag gac ttc acg gcg ctg gtc gat gcg 480

Asn Pro His Phe Gly Lys Met Gln Asp Phe Thr Ala Leu Val Asp Ala

## PhoenixTemp23568.tmp.txt

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ctc Leu	cat His 130	gac Asp	528
tcc Ser 145	ggt Gly	ccg Pro	576
gac Asp	agc Ser	tcc Ser	624
tac Tyr	aac Asn	ggc Gly	672
gat Asp	acg Thr	aac Asn	720
aca Thr 210	tcc Ser	aaa Lys	768
tat Tyr 225	tcc Ser	cag Gln	816
aag Lys	ttc Phe	tgg Trp	864
ctg Leu	cac His	atg Met	912
tct Ser	gcc Ala	cca Pro	960
cgg Arg 290	cct Pro	gat Asp	1008
ggc Gly 305	gtc Val	aac Asn	1056
ttt Phe	ggt Gly	gac Asp	1104
cag Gln	acg Thr	agc Ser	1152
gac Asp	aat Asn	cat His	1200
ccc Pro	tat Tyr	cat His	1248
aac Asn 385	ctt Leu	tat Tyr	1296

## PhoenixTemp23568.tmp.txt

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cat	gtc	acc	tgg	gag	ggc	ggg	gcg	aac	cgc	atg	ttt	acc	gcc	aca	tca	2208
His	Val	Thr	Trp	Glu	Gly	Gly	Ala	Asn	Arg	Met	Phe	Thr	Ala	Thr	Ser	
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Gln Ile Leu Thr Asp Arg Phe Tyr Asp Gly Asp Pro Ala Asn Asn Ile  
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Pro Pro Gly Thr Pro Pro Glu Leu Phe Asn Asp Asp Asn Gly Asp Gly  
 35 40 45

Arg Gly Asp Gly Thr Asp Leu Asn Lys Tyr Gln Gly Gly Asp Trp Lys  
 50 55 60

Gly Ile Gln Glu Lys Ile Pro Tyr Leu Lys Asn Met Gly Ile Thr Ala  
 65 70 75 80

Val Trp Ile Ser Ala Pro Tyr Glu Asn Arg Glu Asn Leu Ile Ala Gly  
 85 90 95

Met Tyr Ala Ser Tyr His Gly Tyr His Ala Arg Asn Tyr Phe Ala Thr  
 100 105 110

Asn Pro His Phe Gly Lys Met Gln Asp Phe Thr Ala Leu Val Asp Ala  
 115 120 125

Leu His Asp Asn Gly Ile Lys Val Val Ile Asp Phe Val Thr Asn His  
 130 135 140

Ser Gly Pro Arg Pro Asp Gly Asp Gly Val Leu Tyr Glu Pro Asp Arg  
 145 150 155 160

Asp Ser Ser Gly Gln Tyr Val Phe Asp Pro Asp Gly Asn Pro Ile Asp  
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Tyr Asn Gly Asp Gly Lys Val Glu Asn Arg Ile Ala Asp Ile Leu Asn  
 180 185 190

Asp Thr Asn Gly Phe Phe His His Glu Gly Asn Arg Pro Asp Ser Asp  
 195 200 205

Thr Ser Lys Phe Gly Tyr Arg His Lys Glu Leu Ala Ser Leu Ala Asp  
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Tyr Ser Gln Glu Asn Gly Val Val Ile Glu His Leu Glu Lys Ala Gly  
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Lys Phe Trp Lys Ala Lys Gly Ile Asp Gly Phe Arg His Asp Ala Thr  
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Leu His Met Asn Pro Ala Phe Val Lys Gly Phe Lys Asp Ala Ile Asp  
 260 265 270

Ser Ala Pro Gly Arg Pro Val Thr His Phe Gly Glu Phe Phe Ile Gly  
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Arg Pro Asp Pro Lys Tyr Asp Glu Tyr Arg Thr Phe Pro Asp Arg Thr  
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Gly Val Asn Asn Leu Asp Phe Glu Tyr Tyr Asn Ala Asn Arg Gln Ala  
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Phe Gly Asp Phe Ser Arg Ser Met Ser Asp Phe Gly Gln Met Leu Val  
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Gln Thr Ser Ala Asp Tyr Thr Val Glu Asn Gln Ala Val Thr Phe Ile  
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Asp Asn His Asp Val Ser Arg Phe Arg Tyr Ile Gln Pro Asn Asp Lys  
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Pro Tyr His Ala Ser Leu Ala Val Leu Leu Thr Ser Arg Gly Ile Pro  
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Asn Leu Tyr Tyr Gly Thr Glu Gln Tyr Leu Asn Pro Gly His Gly Gly  
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Ser Asp Ala Gly Arg Leu Phe Leu Gln Ala Ala Ala Pro Ala Phe Ser  
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Glu Gln Thr Val Ala Tyr Arg Leu Ile Gly Lys Leu Ser Ala Leu Arg  
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Gln Ser Asn Asp Ala Leu Ala Tyr Gly Thr Thr Asp Ile Leu Phe Ser  
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 485 490 495  
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 580 585 590  
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 595 600 605  
 Pro Phe Arg Tyr Gln Val Leu Gly Gly Asp Gln Val Gln Val Ile Phe  
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 His Val Asn Lys Thr Thr Gln Pro Gly Gln Asn Val Tyr Val Val Gly  
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 675 680 685  
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