

mRNA CODONS

		Second base						
		U	C	A	G			
First base (5' end)	U	UUU	UCU	UAU	UGU	U	Third base (3' end)	
		UUC	UCC	UAC	UGC			C
		UUA	UCA	UAA Stop	UGA Stop			A
		UUG	UCG	UAG Stop	UGG Trp			G
	C	CUU	CCU	CAU	CGU	U		
		CUC	CCC	CAC	CGC	C		
		CUA	CCA	CAA	CGA	A		
		CUG	CCG	CAG	CGG	G		
	A	AUU	ACU	AAU	AGU	U		
		AUC	ACC	AAC	AGC	C		
		AUA	ACA	AAA	AGA	A		
		AUG Met or start	ACG	AAG	AGG	G		
	G	GUU	GCU	GAU	GGU	U		
		GUC	GCC	GAC	GGC	C		
		GUA	GCA	GAA	GGA	A		
		GUG	GCG	GAG	GGG	G		

Name _____

Period _____

AP Biology

Date _____

AMINO ACID CODES

A	Alanine	ALA
C	Cysteine	CYS
D	AsparticAcid	ASP
E	GlutamicAcid	GLU
F	Phenylalanine	PHE
G	Glycine	GLY
H	Histidine	HIS
I	Isoleucine	ILE
K	Lysine	LYS
L	Leucine	LEU
M	Methionine	MET
N	Asparagine	ASN
P	Proline	PRO
Q	Glutamine	GLN
R	Arginine	ARG
S	Serine	SER
T	Threonine	THR
V	Valine	VAL
W	Tryptophan	TRP
Y	Tyrosine	TYR