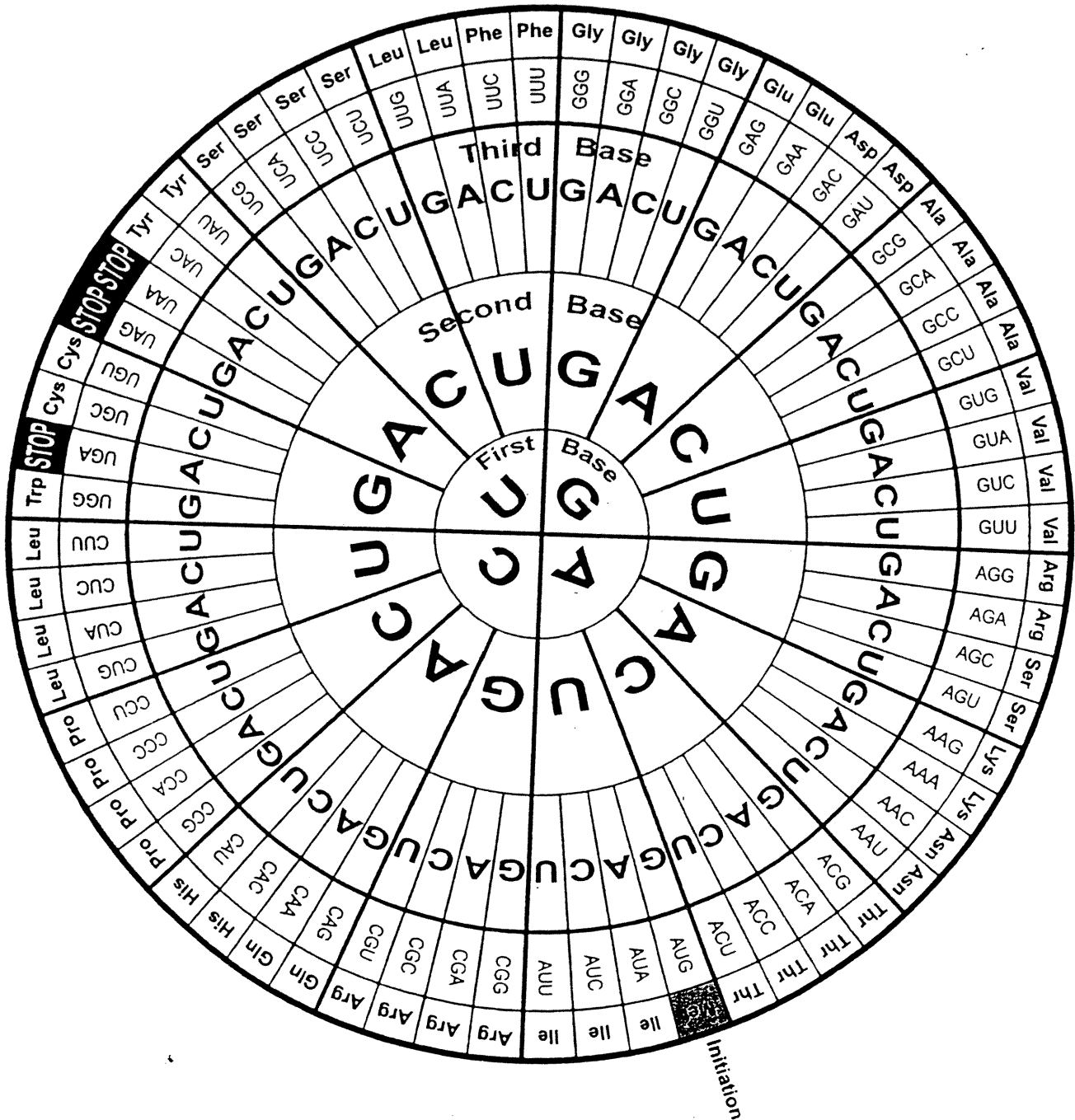


# The Codon Wheel



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### Abbreviations key:

phe = phenylalanine  
cys = cysteine  
his = histidine  
thr = threonine  
met = methionine  
val = valine  
gly = glycine

ser = serine  
leu = leucine  
arg = arginine  
asn = asparagine  
lys = lysine  
ala = alanine  
glu = glutamic acid

tyr = tyrosine  
pro = proline  
ile = isoleucine  
ser = serine  
gln = glutamine  
asp = aspartic acid