

tryptophan	alanine	free space	phenylalanine	isoleucine
cysteine	threonine	lysine	arginine	stop
tyrosine	asparagine	FREE	glutamine	glycine
serine	histidine	methionine	free space	leucine
aspartic acid	proline	free space	valine	free space

tyrosine	valine	arganine	histidine	cysteine
phenylalanine	glycine	free space	leucine	asparagine
glutamine	alanine	FREE	free space	methionine
free space	tryptophan	free space	serine	aspartic acid
isoleucine	glutamic acid	stop	lysine	threonine

serine	free space	tyrosine	free space	phenylalanine
proline	stop	valine	histidine	asparagine
methionine	arganine	FREE	glutamine	free space
glutamic acid	isoleucine	aspartic acid	alanine	tryptophan
threonine	lysine	glycine	leucine	free space