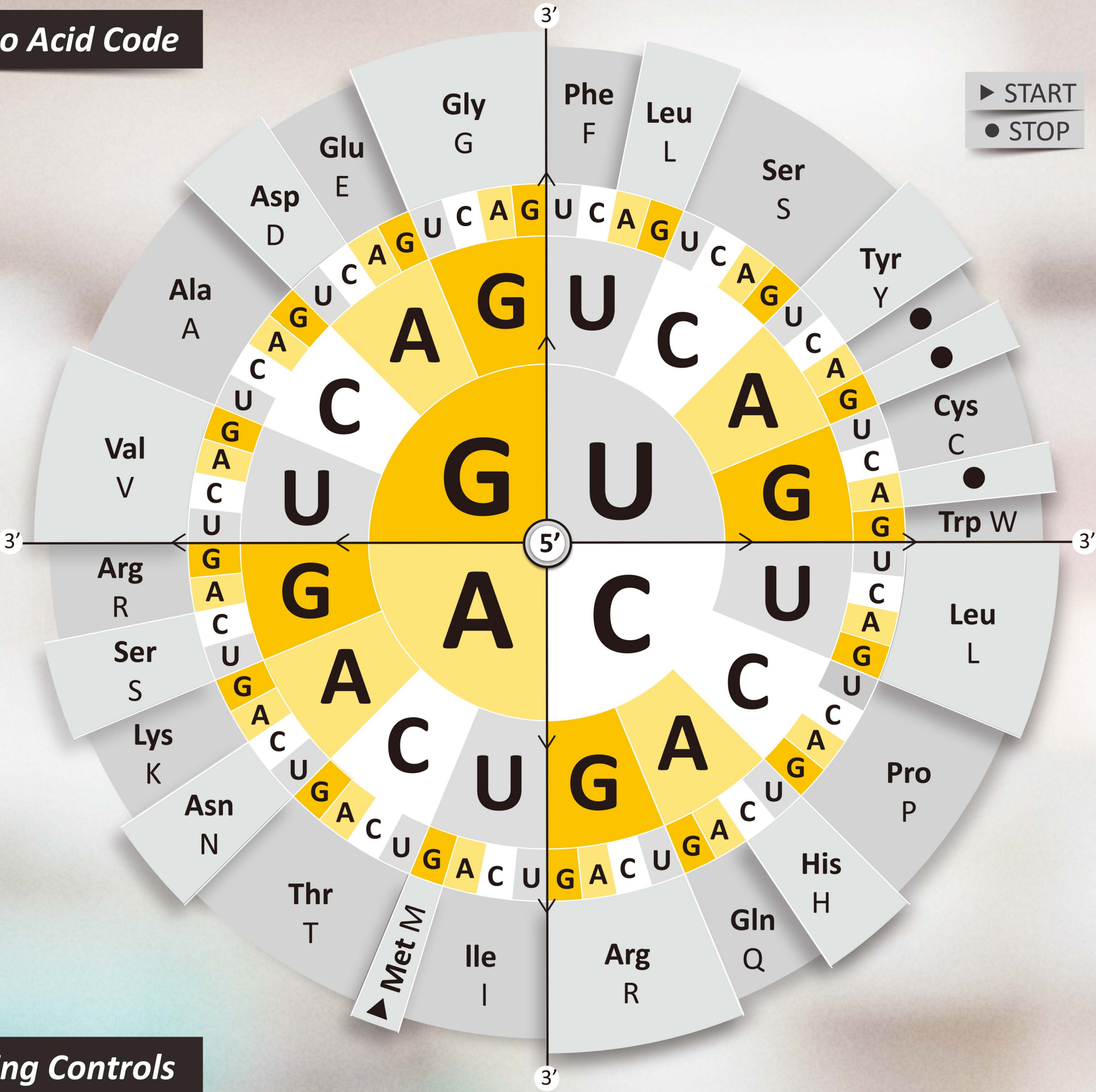


Biological Research

Amino Acid Code



Loading Controls

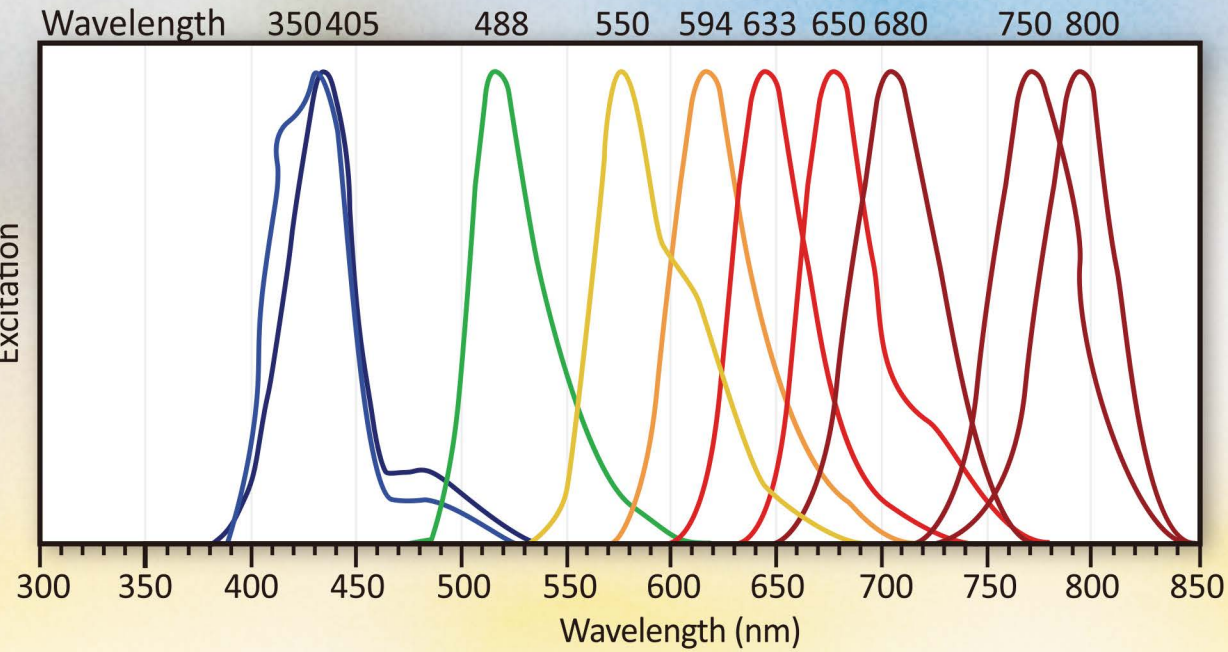
MW	Cytosol	Nucleus	Cytoskeleton	Mitochondria	Serum
>120 kDa			Vinculin (GTx637857)		
70-80 kDa				SDHA (GTx636335)	Transferrin (GTx638745)
60-70 kDa		Lamin B1 (GTx103292)		HSP60 (GTx110089)	Albumin (GTx102419)
50-60 kDa			alpha Tubulin (GTx638140)		
40-50 kDa			beta Tubulin (GTx101279)		
			beta Actin (GTx637675)		
30-40 kDa	GAPDH (GTx637966)	TBP (GTx634166)		VDAC1 (GTx114187)	
20-30 kDa		PCNA (GTx637858)	Cofilin 1 (GTx632582)	COX4 (GTx638316)	
<20 kDa	Cyclophilin A (GTx104698)	Histone H3 (GTx122148)		Cytochrome C (GTx638209)	

Cell Fractionation and Organelle Markers

Nucleolus Markers			
Product Name	Applications	Reactivities	Cat No.
Fibrillarin + FBLL1 antibody [HL2588]	ICC/IF, IHC-P, WB	Hu, Ms, Rat	GTx639039
PAF49 antibody [GT635]	ICC/IF, WB	Hu	GTx629076
EIF6 antibody [HL1758]	IHC-P, WB	Dm, Hu, Ms, Rat, Zfsh, Japanese Medaka	GTx637408
Ribosomal Markers			
Product Name	Applications	Reactivities	Cat No.
RPS3 antibody	ICC/IF, IHC-P, IP, WB	Hu, Ms, Rat	GTx103964
RPL4 antibody [HL3006]	IHC-P, WB	Hu, Ms, Rat, Dog	GTx640419
RPL17 antibody [N1C3-2]	ICC/IF, IHC-P, WB	Hu, Rat	GTx111934
p90 RSK1 antibody	ICC/IF, IHC-P, WB	Hu	GTx111050
Exosome Markers			
Product Name	Applications	Reactivities	Cat No.
TSG101 antibody [4A10-RB]	ICC/IF, WB	Hu, Ms, Rat	GTx635396
CD81 antibody [HL1666]	ICC/IF, WB, IHC-P	Hu, Ms, Rat	GTx637264
Annexin A1 antibody [HL2141]	IHC-P, WB	Hu, Ms, Rat	GTx638119
Hsp70 antibody [HL1580]	ICC/IF, IHC-P, WB	Cat, Dog, Hu, Ms, Rat	GTx637059
Cytoplasm Markers			
Product Name	Applications	Reactivities	Cat No.
GAPDH antibody [HL2062]	ICC/IF, WB	AGMK, Cat, Dog, E. coli, Hm, Hu, Ms, Rat, Rb, Zfsh, Japanese Medaka	GTx637966
Hsp70 antibody [HL1580]	ICC/IF, IHC-P, WB	Hu, Ms, Rat, Cat, Dog	GTx637059
Golgi Apparatus Markers			
Product Name	Applications	Reactivities	Cat No.
GM130 antibody	ICC/IF, IP, WB	Hu	GTx130351
GOLPH2 antibody [C3], C-term	ICC/IF, IHC-P, WB	Hu	GTx107702
GOLGA5 antibody [GT2726]	ICC/IF, WB	Hu	GTx633810
Lysosome Markers			
Product Name	Applications	Reactivities	Cat No.
LAMP1 antibody [GT25212]	ICC/IF, IHC-Fr, WB	Hu	GTx634336
LAMP2 antibody [GT856]	IHC-P, WB	Hu	GTx635790
Centrosome Markers			
Product Name	Applications	Reactivities	Cat No.
gamma Tubulin antibody [HL1175]	ICC/IF, IHC-Fr, WB	AGMK, Cat, Dm, Dog, Hm, Hu, Ms, Rat, Rb, Zfsh	GTx636480
PLK1 antibody [N2C2], Internal	ICC/IF, IHC-P, WB	Hu, Ms	GTx104302
NuMA antibody [GT3611]	ICC/IF, IHC-P, WB	Hu, Rat	GTx629397
CEP152 antibody [HL2884]	ICC/IF, WB	Hu	GTx640163
Aurora A antibody [HL2917]	ICC/IF, WB	Hu	GTx640260

Fluorescence Excitation and Emission Spectra

Emission	Fluor	Ex/Em
Blue	DyLight 350	353 / 432
Blue	DyLight 405	400 / 420
Green	DyLight 488	493 / 518
Yellow	DyLight 550	562 / 576
Red	DyLight 594	593 / 618
Red	DyLight 633	638 / 658
Red	DyLight 650	652 / 672
Near IR	DyLight 680	692 / 712
Near IR	DyLight 755	754 / 776
Infrared	DyLight 800	777 / 794



Nuclear Markers			
Product Name	Applications	Reactivities	Cat No.
PCNA antibody [HL1965]	IHC-Fr, IHC-P, WB	Cat, Dog, Hu, Ms, Rat, Zfsh, Japanese Medaka	GTx637858
IPMK antibody [HL2244]	WB	Hu, Ms, Rat	GTx638293
HDAC1 antibody [HL1691]	ICC/IF, WB	Hu	GTx637290
Endosome Markers			
Product Name	Applications	Reactivities	Cat No.
EEA1 antibody [GT10811]	ICC/IF, IHC-P, WB	Hu, Ms, Rat	GTx634169
RAB7A antibody	IHC-P, WB	Hu, Ms	GTx130847
RAB11B antibody [N1C3]	ICC/IF, IHC-Fr, IHC-P, WB	Hu, Ms, Rat	GTx119095
Endoplasmic Reticulum Markers			
Product Name	Applications	Reactivities	Cat No.
Calnexin antibody [HL1598]	IHC-P, WB	Cat, Dog, Hu, Ms, Rat	GTx637077
Grp78 antibody [HL1815]	ICC/IF, IHC-P, WB	Hu, Ms, Rat	GTx637540
Calreticulin antibody [HL2057]	WB	Hu	GTx637961
Heme Oxygenase 1 antibody [HL1780]	IHC-P, WB	Cat, Hu, Ms, Rat	GTx637432
Mitochondrial Markers			
Product Name	Applications	Reactivities	Cat No.
Cytochrome C antibody [HL2205]	ICC/IF, IHC-P, WB	Cat, Hu, Ms, Rat	GTx638209
SOD1 antibody [HL2033]	IHC-P, WB	Cat, Dog, Hu, Ms, Rat, Zfsh	GTx637934
COX4 antibody [HL2264]	ICC/IF, IHC-P, WB	Hu, Ms, Rat, Zfsh	GTx638316
TOMM20 antibody [HL1493]	ICC/IF, IHC-P, WB	Hu, Ms, Rat	GTx636967
SDHA antibody [HL1117]	ICC/IF, IHC-P, IHC-Wm, WB	Dm, Hu, Ms, Rat, Zfsh	GTx636335
CYP24A1 antibody [HL1783]	ICC/IF, IHC-P, WB	Hu, Ms, Rat	GTx637435
NDUF53 antibody [HL2097]	ICC/IF, IHC-P, WB	Hu, Ms, Rat, Zfsh, Japanese Medaka	GTx638005
SUCLG1 antibody [HL2387]	ICC/IF, IHC-P, WB	Hu, Ms, Rat	GTx638596
Cytoskeleton Markers			
Product Name	Applications	Reactivities	Cat No.
beta Actin antibody [HL1926]	ICC/IF, IHC-P, WB	AGMK, Cat, Dm, Dog, Hu, Ms, Rat, Rb, Zfsh	GTx637675
alpha Tubulin antibody [HL2162]	ICC/IF, IHC-P, WB	AGMK, Cat, Dog, E. coli, Hm, Hu, Ms, Rat, Rb, Zfsh	GTx638140
Desmin antibody	FCM, ICC/IF, IHC-Fr, IHC-P, WB	Cat, Chk, Dog, Hu, Ms, Pig, Rat	GTx103557
Autophagosome Markers			
Product Name	Applications	Reactivities	Cat No.
LC3B antibody [HL2798]	ICC/IF, IHC-P, WB	Hu, Ms, Rat, Zfsh	GTx639686
SQSTM1 / P62 antibody [HL1113]	ICC/IF, IHC-P, WB	Hu, Ms, Rat	GTx636328
Plasma Membrane Markers			
Product Name	Applications	Reactivities	Cat No.
E-Cadherin antibody [HL1229]	ICC/IF, IHC-P, WB	Cat, Dog, Hu, Ms, Rat	GTx636577
ZO-1 antibody [HL1185]	ICC/IF, WB	Cat, Dog, Hu, Ms, Rat	GTx636491

