

kingdom

- Bacteria
- Cyanobacteria

aThr|Thr

Dab

▲ Fungi NA

grp													
	33p-Ala	•	alle lle	-	bAla	-	ddh-Arg 3Me-Tyr	•	gOH-Val	•	Me-Dpr	•	PhGly
-	3Me-Asp	•	aKic	-	bhceAla	-	dh-Thr	-	Hcn	-	Met	•	Pip
-	3Me-Pro	•	aKiv	-	bLys	-	dhAbu	→	His	-	Ncp-Ala	•	Piz
-	3Me-Tyr	•	Ala	-	bMe-Phe	-	dhAbu dhTyr Thr	•	Hiv	•	Nme-Asp	•	Pro
-	3OH-3Me-Pro	•	Ala Gly	-	Bmt	-	dhDab	•	HOMM-Tyr	•	NMe-Gly	•	Pro 4Me-Pro
-	3OH-GIn	•	Ala Leu Val	-	bOH–Tyr	-	Dhh–Tyr	•	Hpg	•	NOH-Ala	•	Ser
→	3OH-Leu	•	Ala Val	-	bOH–Tyr Tyr	-	Dhpg	-	Hpg 2Cl-Hpg	•	NOH-Val	•	Ser Thr
-	4Me-Pro	•	Alaol	-	bTrp	-	di-OH-Bz	-	Hpg Cl2-Hpg	•	NONE	•	Thr
-	40H-50H-Orn	•	aMe-Ser	-	Cys	-	di-OH-Bz Sal	-	Hse	•	norCMA	•	Trp
-	4OH-Pro	•	Arg	-	CysA	-	Fo-OH-Orn	-	Htyr	•	O-lv	•	Trp 6CI-Trp
-	4p-Pro	•	Arg Lys	-	D-Ala	-	Gac	-	lle	•	OH-Asn	•	Tyr
-	4Pe-Pro	•	Asn	-	D-aThr	-	Gca	-	lle Val	•	OH-Asp	•	Tyr bOH=Tyr
-	6CI-Hic	•	Asn Gln	-	D-Gln	-	Gln	-	Iso	•	OH–Orn	•	Tyr Phe
-	Aad	•	Asp	-	D-Lea	-	Gln Tyr	-	Kyn	•	Orn	•	Val
-	Abu	•	Asp bMe-Asp	-	D-Leu	-	Glu	→	Leu	-	Orn OH–Orn	•	Val IIe
-	Abu Ival	-	Asp NMe-Asp	-	D-Pro		Glu 3Me-Glu	-	Leu Arg	-	Pac	•	Valol
-	Ac-Phe	-	aThr	-	D-Ser		Gly	-	Leu Val	-	Phe		
-	Aeo	•	aThr Ser	-	D-Val		Gly NMe-Gly	-	Lys	•	Phe Trp		

Glyco-cya

→ Me-bAla → Phe|Tyr