		Bacilli										Staphylococci				Lactobacilli				Streptococci				Clostridia						
AA	**precursor**	*B. thuringiensis* konkukian	*B. anthracis* Ames 0581	*B. cereus* ATCC 10987	*B. halodurans* C-125 +	*B. clausii* KSM-K16 +	*B. licheniformis* ATCC 14580 +	*B. subtilis* 168 +	*O. iheyensis* HTE813 +	*G. kaustophilus* HTA426 +	*L. monocytogenes* EGD-e	*S. aureus* Mu50	*S. epidermidis* ATCC 12228	*S. haemolyticus* JCSC1435	*S. saprophyticus* ATCC 15303	*L. plantarum* WCFS1	*L. acidophilus* NCFM	*L. johnsonii* NCC 533	*E. faecalis* V583	*L. lactis* IL1403	*S. mutans* UA159	*S. thermophilus* LMG 18311	*S. pneumoniae* TIGR4	*C. hydrogenoformans* Z-2901 +	*C. acetobutylicum* ATCC824	*C. perfringens* ATCC13124	*C. tetani* E88	*T. tengcongensis* MB4	*S. thermophilum* IAM14863	D. ethenogenes 195
BCA	pyruvate	M	M	M																					M					
Cys	serine																													
Met	homoserine															M														
	homocysteine																													
Tyr	shikimate	M	M	M												T														
	Phe																													
Trp	chorismate																													
His	PRPP																													
Asn	Asp																									M				
Ser	pyruvate																													
Thr	homoserine																													
Pro	glutamate						M	M	M							T														
	ornithine																													