

Lamellibrachia host  
Capitella teleta  
Lamellibrachia symbiont

argA	argB	argC	argD	argE	argG	argH	argJ	ilvB	ilvG	ilvH	ilvA	ilvC	ilvD	leuA	leuB	leuCD	GlyA
Arg								Val, Ile and Leu								Gly	

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aroA	aroB	aroC	aroE	aroQ	trpAB	trpC	trpD	trpE	trpF	metA	metE	metH	metK	thrB	thrC	dapA	dapB	dapD	dapF	lysA
Phe					Trp					Met				Thr		Lys				

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hisA	hisB	hisD	hisG	hisH	tyrA2	proA	proB	proC	cysE	cysK	cysM	gltB	gltD	glnA	serA	serB	serC1	Dat	aspC	asnB
His					Tyr	Pro			Cys			Glu		Gln	Ser			Ala	Asp	Asn

Present Absent Gene only absent in Lamellibrachia host but present in both Capitella and Lamellibrachia symbiont