

Supplementary table 5: Overview of metabolic capacities - B vitamins and amino acids

		wMeur1	wMmer	wMeur2	wPaur	wAlce	wCle	wMhi	wMelo	wOc	wCfeT	sCol
B vitamins	Thiamine	iscS										
		adk										
		tenA										
	Riboflavin	ribA										
		ribD										
		ribB										
		ribH										
		ribF										
		ribE										
	Pyridoxine	pdxJ										
		pdxH										
	Folate	folA/DHFR										
		folB										
		folKP										
		folC										
	Biotin	bioA										
		bioB										
		bioC										
		bioD										
		bioF										
birA												
Pantothenate	panB											
	panG											
	panC											
	panD											
Asparagine, Aspartate	ansA											
	argA											
Arginine	argB											
	argC											
	argD											
	argG											
	argF (argI, OTC)											
	argJ											
	argH											
	aspC											
Phenylalanine	pheA											
	aspC											
Tryptophan	trpD											
	trpG											
	trpC											
	trpA											
	trpF											
	trpB											
Sulphate, cysteine	cysN											
	cysD											
	cysC											
	cysH											
	cysI											
	cysJ											
	cysQ											
	cysE											
	cysK											
Methionine	metA											
	metB											
	metC											
	metE											
Lysine	asd											
	dapA											
	dapB											
	dapD											
	dapE											
	dapF											
	lysA											
	thrA											
Threonine	thrB											
	thrC											
Leucine	leuA											
	leuC											
	leuD											
	leuB											
Glycine	glyA											
Histidine	hisA											
	hisB											
	hisC											
	hisD											
	hisF											
	hisG											
	hisH											
Serine	serC											

present absent

Supplementary table 5: Overview of metabolic capacities - secretion systems and ABC transporters

	wMeur1	wMmer	wMeur2	wPaur	wAlce	wCle	wMhi	wMelo	wOc	wCfeT	sCol
secretion system	Type I - tolC										
	Type II - gspD										
	Sec-SRP - secA										
	Sec-SRP - secB										
	Sec-SRP - secD										
	Sec-SRP - secF										
	Sec-SRP - secG										
	Sec-SRP - secY										
	Sec-SRP - YajC										
	Sec-SRP - YidC										
	Sec-SRP - ftsY										
	Sec-SRP - ffh										
	secE										
	Twin arginine targeting - Tata										
	Twin arginine targeting - TatC										
	Type IV - virB10										
	virB3										
	virB4										
	virB9										
	virB6										
virB8											
virB11											
virD4											
ABC transporters	CcmA										
	CcmB										
	CcmC										
	haem exporter - PstA										
	haem exporter - PstB										
	haem exporter - PstC										
	haem exporter - PstS										
	phosphate trasport system - lolC_E										
	phosphate trasport system - lolD										
	lioprotein releasing systme - ZnuA										
	lioprotein releasing systme - ZnuB										
	lioprotein releasing systme - ZnuC										
	zinc transport system - BioY										
	biotin trasport system - AfuA										
	biotin trasport system - AfuB										
	biotin trasport system - AfuC										
	phospholipid trasport system - MlaC										
phospholipid trasport system - MlaD											
phospholipid trasport system - MlaE											
phospholipid trasport system - MlaF											

present absent

