

1/7

Fig. 1A:

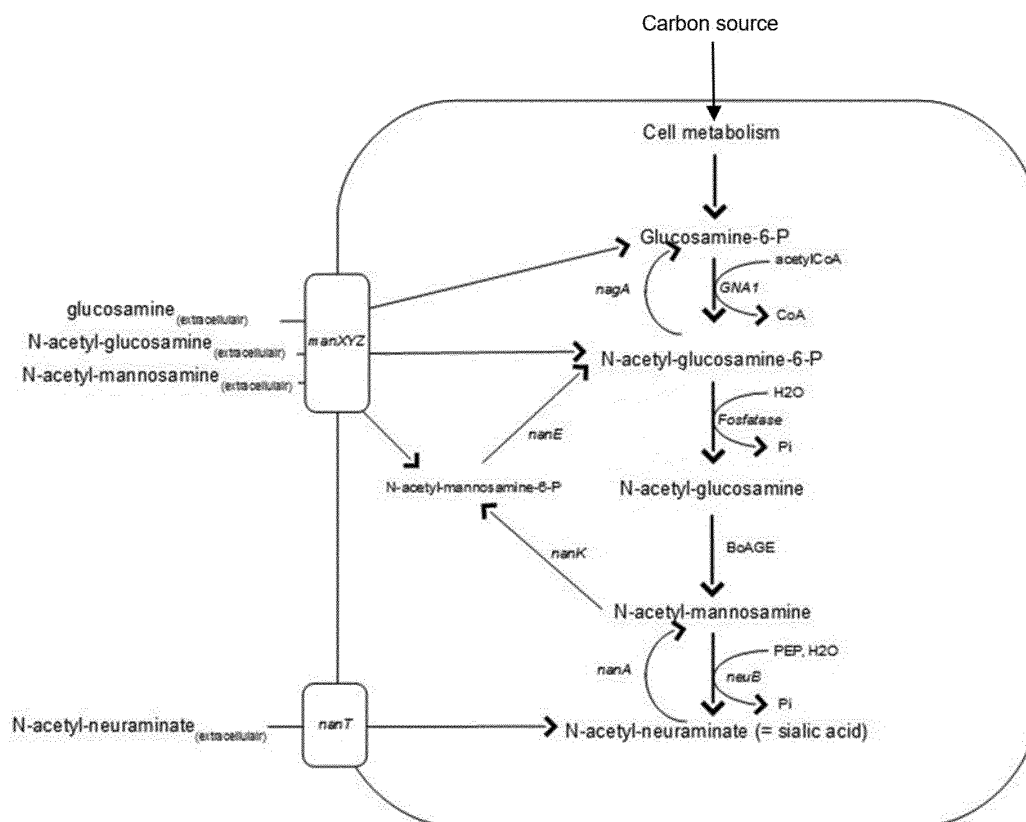


Fig. 1B

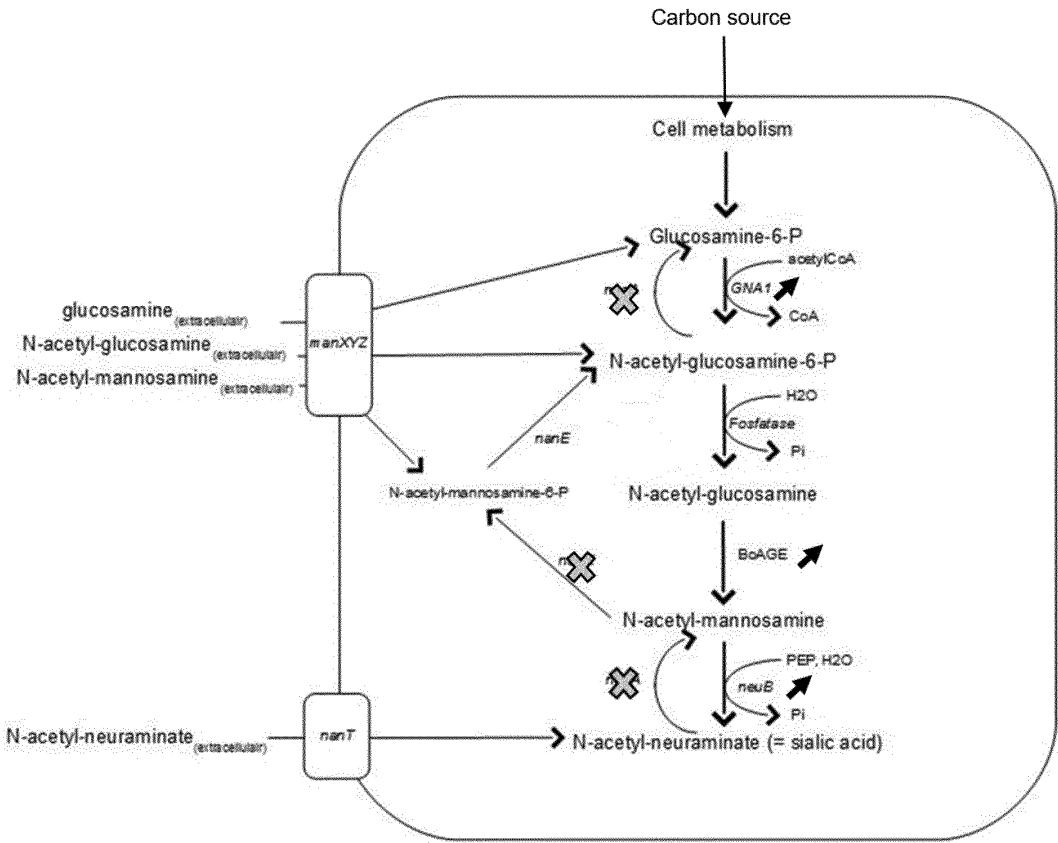


Fig. 2:

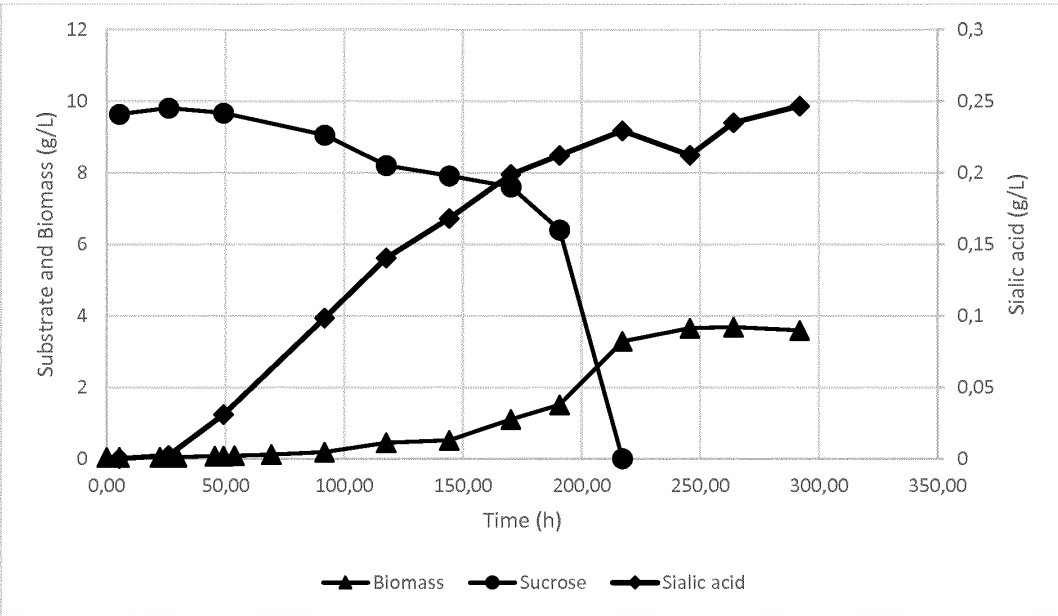
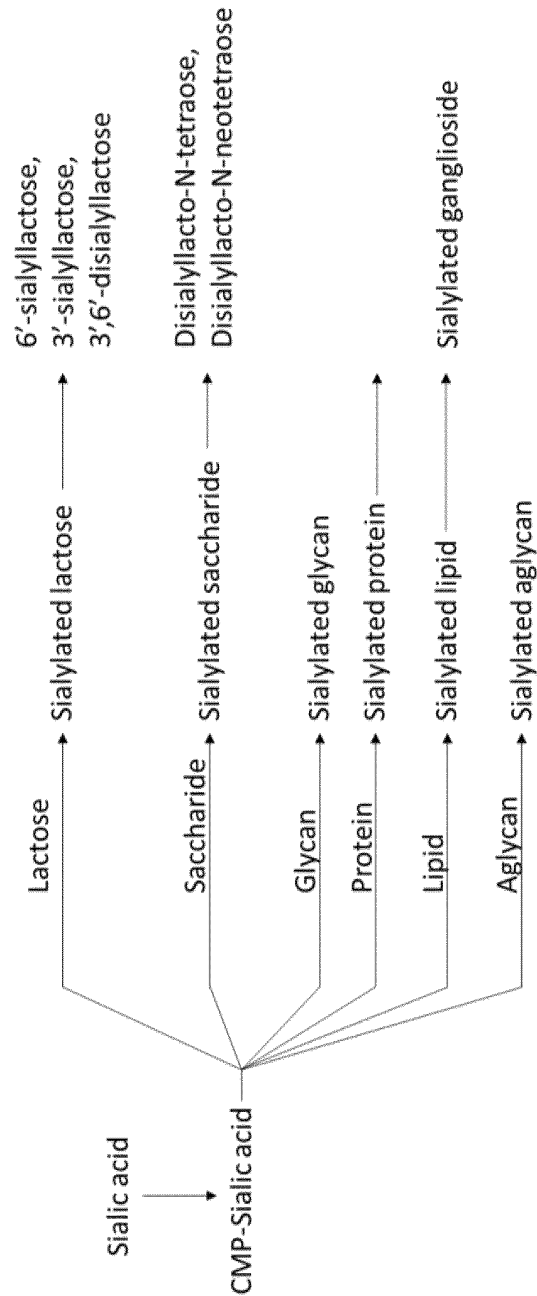
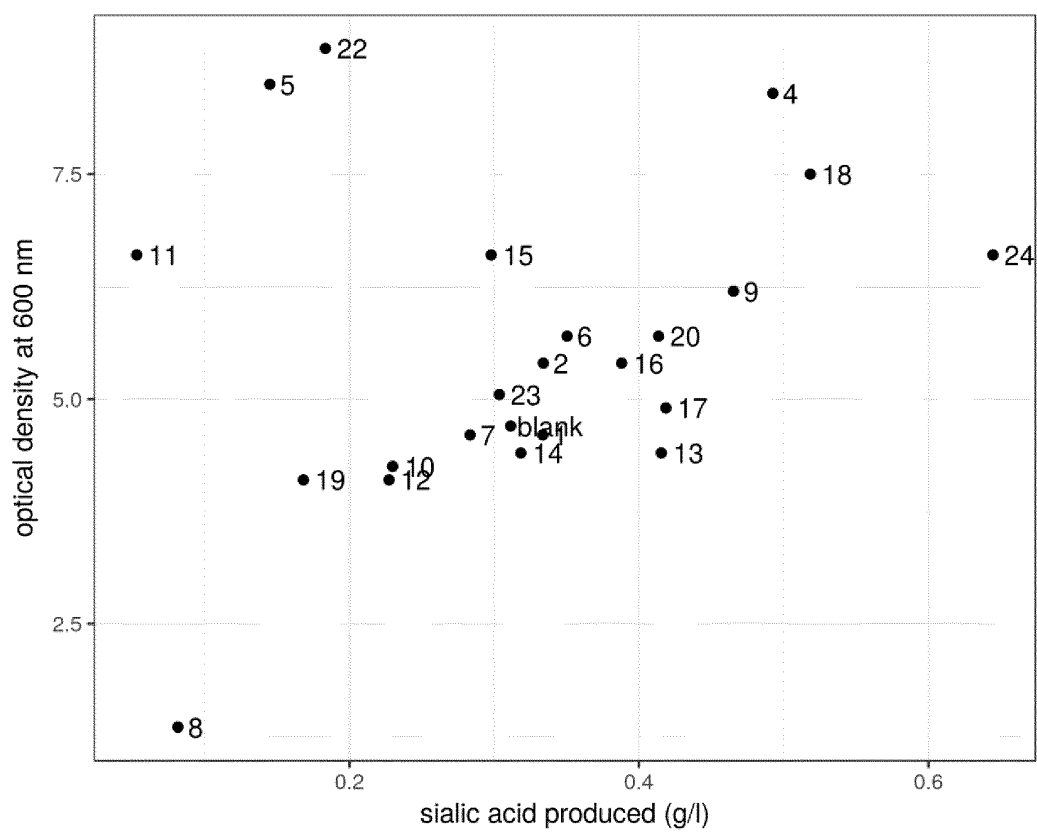


Fig. 3:



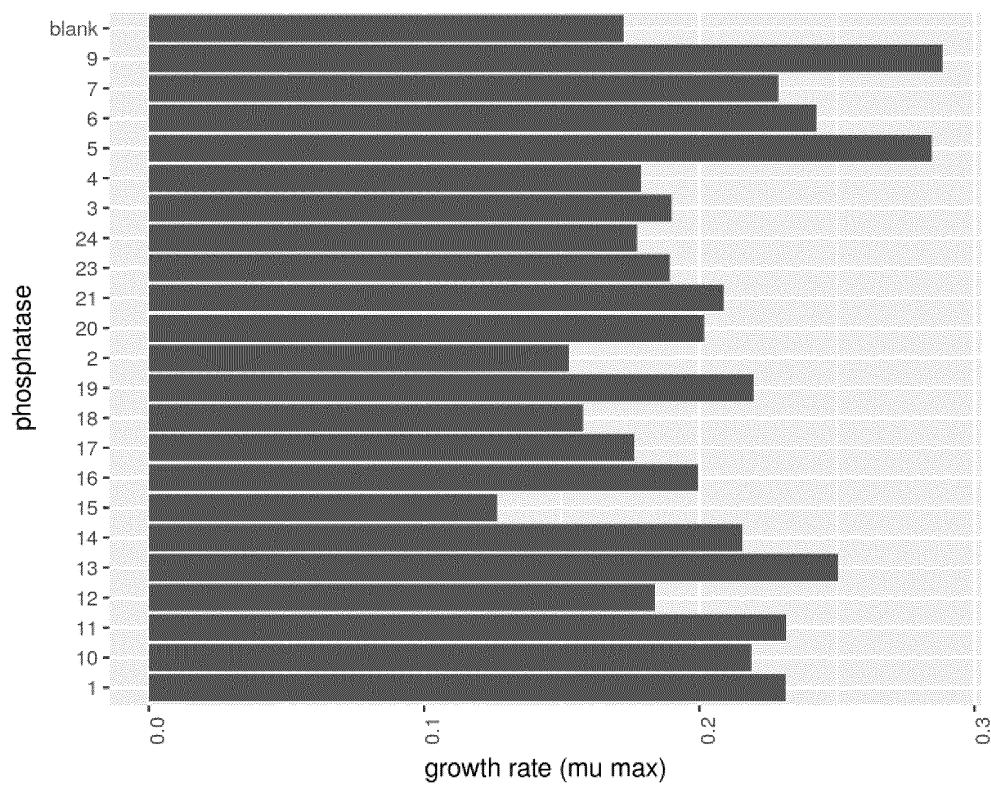
4/7

Fig. 4:



5/7

Fig. 5:



6/7

Fig. 6:

	120	130	140	150
<i>EcAppA/1-432</i>	GCPQSGQ	VAII	ADVDERTRKTG	EAF AAGLAP
<i>EcYfbR/1-199</i>	NRKFGGNVNAERIAL	AMYHDA	S	EVL
<i>EcAphA/1-237</i>	TQAISAV	CLLFALNSSAVALASSP		SPLNPG
<i>EcYfgL/1-604</i>	EVLNTWR	VGMNDFARIAGGQDNRR		NILSPG
<i>EcYfbL/1-188</i>				
<i>EcSerB/1-322</i>	AAWCVED	YQVI	RLAGSLTARATRLAHEAQ	LDV
<i>EcYbiV/1-271</i>	MSVK	VIVT	DMDGTFLNDAKTYNQ	P
<i>EcYidA/1-270</i>	MAIK	LIAI	DMDGT	LLLPDHTIS
<i>EcCot/1-272</i>	MAR	LAAF	DMDGT	LLMPDHHLG
<i>EcYbhA/1-272</i>	MTTR	VIAL	DL DGT	LLTPKKTLL
<i>EcYaed/1-191</i>	MAKSVP	AIFL	DR DGT	INV DHGY
<i>EcHisB/1-355</i>	MSQK	YLF	DR DGT	LISEPPSDFQVDRFDKLA FEP
<i>EcNagD/1-250</i>	MTIK	NVIC	DIDGVLMHDNVAVPGAAEF LHG	IMDK
<i>BsAraL/1-272</i>	DTPVSPA	GIL	DL DGT	VFRGNELIEGAREAIKTLRRM
<i>EcYedP/1-271</i>	MFSIQ	QPLL VFS	DL DGT	LLDSHSYDWQPAAPWLTRLRE
<i>EcOtsB/1-266</i>	PELSAKY	AWF	DL DGT	LAEIKPHPDQVV
<i>EcYihX/1-199</i>				
<i>EcYbjL/1-561</i>	LCLGKLR	LGSIQLGNSIGVLVVSLLL	GQQHFS	INTDALNL
<i>EcSurE/1-253</i>	MR	ILLS	NDDGVHAPGI	QTLAK
<i>EcYjiG/1-225</i>	MKWD	WIF	DADET	LFTFD
<i>EcYrfG/1-222</i>	WQDVD	TVL	DMDGT	LLDLA
<i>EcYigB/1-238</i>	LGRIS	ALT	DLDDT	LYDNR
<i>EcYniG/1-222</i>	PRQIL	AAI	DMDGL	LIDSE
<i>EcYgiU/1-219</i>	MKLQ	GVI	DL DGV	ITDTA
<i>EcYgaB/1-188</i>	YERYA	GLI	DMDGT	ILDTE
<i>EcYieH/1-221</i>	MSRIE	AVF	DCDGT	LVDSE
<i>PsMupP/1-223</i>	MRLR	AVL	DMDGT	LLDTA
<i>EcGph/1-252</i>	FEDIR	GVA	DL DGT	LVD SA
<i>EcYfbT/1-216</i>	MRCK	GFL	DL DGT	LVD SL
<i>ScDOG1/1-246</i>	EFSAD	LCL	DL DGT	IVSTT

Motif 1

7/7

Fig. 6 cont.:

	460	470	480	490	500
<i>EcAppA/1-432</i>	HPPQKQAYGVTLPTSVLF	IAGHDTN	...LAN	...LGGALEL	...
<i>EcYfhR/1-199</i>	RRSQEMDYFME	...IFVPSF	...	...	...
<i>EcAphA/1-237</i>	...QDKNIRIFYGDSND	...ITA	...ARDVGARGIRILRAS	...	...
<i>EcYfgL/1-604</i>	...NSQDLNNS	KVSCTVSVDSIT	...GLLKEPLNNALLAIRNEHLLLM	...	...
<i>EcYfhL/1-188</i>	...EKLAI	A-PENVAYVGDDLIDWPVMEK	...VGLSVAVADAHF	...	...
<i>EcSerB/1-322</i>	...QEYEIP	LAQTV	AI	GDGANDLPMIKA	...AGLGIAHYA
<i>EcYbiW/1-271</i>	...KRWDLS	PQNVVAIGDSGND	AEMLKM	...ARYSFAMGNAAE	...
<i>EcYidA/1-270</i>	...DVLGIK	PEEIM	AI	GDQENDIAMIEY	...AGVGVAMDNAIF
<i>EcCof/1-272</i>	...QHLGLS	LRDCMAF	GDAMNDR	REMLVS	...VSGFIMGNAMF
<i>EcYfhA/1-272</i>	...EAQGW	S-MENVVAF	GDNFNDISMLEA	...AGTGVAMGNADC	...
<i>EcYaed/1-191</i>	...LHID	MAASYMVGDKLE	...DMQA	...AVAANVGTKVLVRTG	...
<i>EcHsB/1-355</i>	...QAMD	RANSYVIGDRAT	...DIQL	...AENMGITG	...LRY
<i>EcNagD/1-250</i>	...MQAH	SEETV	IVGDNLRT	...DILA	...GFQAGLETILVLSGV
<i>BsAraL/1-272</i>	...MGLS	AHECM	IGDSIES	...DIAM	...GKLYGMKSALVLTGS
<i>EcYedP/1-271</i>	...QLSGK	RPTTLGLG	GGPNDAPLLEV	...MDYAVIVKGLNREGVHLHC	...
<i>EcOtsB/1-266</i>	...APFI	GRTPVFL	GGDDLTD	ESGF	AV...VNRLGGMSVKIGTGA
<i>EcYihX/1-199</i>	...EGFS	PSD	TVFFDDNAD	...NIEG	...ANQLGITSILVKDKT
<i>EcYhL/1-561</i>	...NLRELGIY	RQTGCYIER	IRRN	...GILANPDGD	AVLQMGDEIALVGYPC
<i>EcSurE/1-253</i>	...MRPR	...PDIVVS	...GINA	...GPNLGDDVIYSGTVA	...
<i>EcYjG/1-225</i>	...AGNPDRSRVLMV	GD	TAES	...DILG	...GINAGLATCWLNAHF
<i>EcYrfG/1-222</i>	...TGLK	AERTLF	IDDSEA	...ILDA	...AAQFGIRYCLGVNT
<i>EcYigB/1-238</i>	...LNVP	IGEILHV	GGDLTT	...DVGG	...AIRSGMQACWIRPEN
<i>EcYniC/1-222</i>	...LGVD	PLTCVAL	EDSVN	...GMIA	...SKAARMRSIVVPAP
<i>EcYgjU/1-219</i>	...LGVP	PQACIG	IEDAQA	...GIDA	...INASGMRSVIGAGL
<i>EcYqaB/1-188</i>	...MGVQ	PTQCVVF	EDADF	...GIQA	...ARAAGMDAVDVRL
<i>EcYieH/1-221</i>	...MNVN	VENCILV	DD	SV	...GAQS
<i>PsiMupP/1-223</i>	...LNLD	PASVLFV	GGDLR	...DIES	...GRDAGTRTA
<i>EcGph/1-252</i>	...MGIA	PQQMLFV	GGDSRN	...DIQA	...AKAAGCPSVGLTYG
<i>EcYfhT/1-216</i>	...LGLA	PQECVVV	EDAPA	...GVLS	...GLAAGCHVIAVNA
<i>ScDOG1/1-246</i>	LRQDLQLTGKQ	DLKYVVF	EDAPV	...GIKA	...GKAMGAITVGITSS

Motif 2