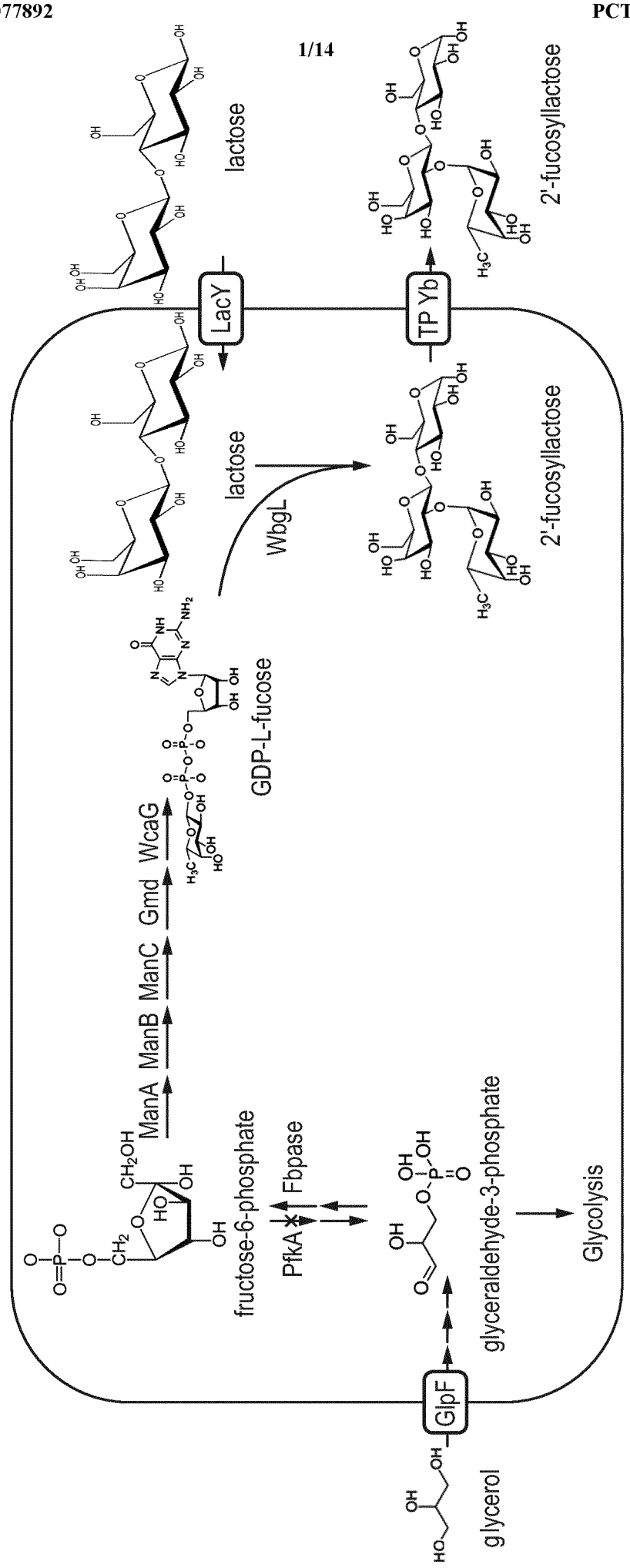

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TP Yb
2'-fucosyllactose
lactose
WbgL
2'-fucosyllactose
GDP-L-fucose
ManA
ManB
ManC
Gmd
WcaG
fructose-6-phosphate
PfkA
Fbpase
glyceraldehyde-3-phosphate
Glycolysis
GlpF
glycerol

Fig. 1

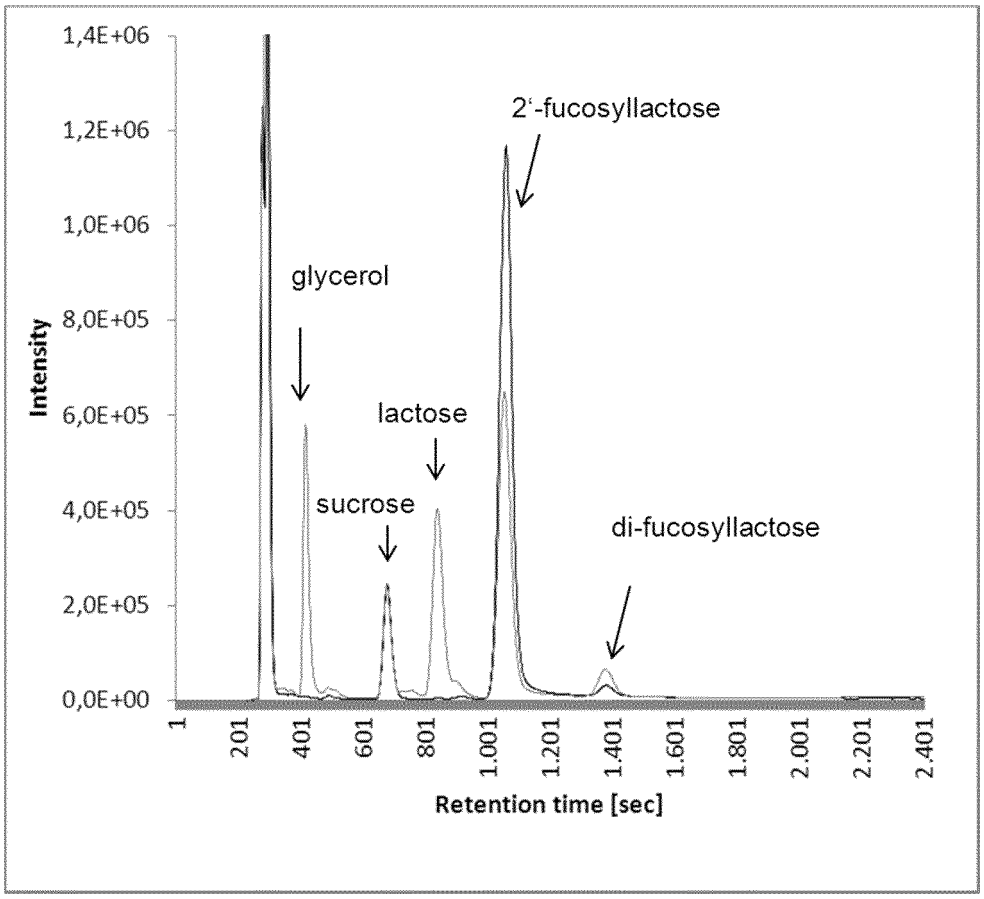

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sucrose
lactose
2'-fucosyllactose
di-fucosyllactose
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401
601
801
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2.201
2.401
Retention time [sec]

Fig. 2

Fig. 3

SEQ ID No. 1

P_{tet}-*manCB*,P_{T5}-*gmd-wcaG*-FRT-*dhfr-FRT*

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SEQ ID No. 2

P_{tet}-*lacY-FRT-add1-FRT*

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SEQ ID No. 3

P_{tet}-*wbgL*-FRT-*neo*-FRT

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SEQ ID No. 4

P_{tet}-*yberc0001_9420*-FRT-*cat*-FRT

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SeqID 5

galETKM

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SEQ ID No. 6

Ptet-fkp-lox-aacC1-lox

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SEQ ID No. 7

P_{tet}-fbaB-P_{T7}-His_6-fbpase-lox-aacC1-lox

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