

Table S5. List of substrate-related regulator and transporters and relevant proteomic data

Growth substrate	(putative) transcriptional regulator					(putative) uptake system/transporter				
	gene name	locus tag	locus tag old	protein detected	evidence <sup>a</sup>	gene name	locus tag	locus tag old	protein detected	evidence <sup>a</sup>
<b>Glc</b>	malT	BVU_RS02065	BVU_0404	+	mb	glcT	BVU_RS11700	BVU_2326	-	PMID: 24330590
<b>Gal</b>	lacI	BVU_RS04290	BVU_0845	-	rp	glcT	BVU_RS11700	BVU_2326	-	PMID: 24330590
<b>Frc</b>	HTCS	BVU_RS00765	BVU_0149	-	rp	fruP	BVU_RS08460	BVU_1664	+	rp
<b>Man</b>	fucR	BVU_RS06955	BVU_1374	-	PMID: 24330590	fruP	BVU_RS08460	BVU_1664	(+)	PMID: 24330590
<b>Rha</b>	rhaR	BVU_RS03065	BVU_0604	-	PMID: 24291637	rhaT	BVU_RS03030	BVU_0597	-	24291637
<b>Fuc</b>	fucR	BVU_RS06955	BVU_1374	-	PMID: 24330590	fucP	BVU_RS06945	BVU_1372	+	PMID: 24330590
<b>GluA</b>	kdgR	BVU_RS15390	BVU_3054	+	rp	hexT	BVU_RS09105	BVU_1794	-	PMID: 24330590
<b>Ara</b>	araR	BVU_RS11680	BVU_2322	+	PMID: 24330590	araP	BVU_RS11685	BVU_2323	+	PMID: 24330590
<b>Xyl</b>	xylR	BVU_RS19825	BVU_3955	+	PMID: 24330590	xylE	BVU_RS20420	BVU_4073	(+)	PMID: 24330590
<b>Mal</b>	malT	BVU_RS02065	BVU_0404	(+)	mb	malP	BVU_RS07015	BVU_1386	-	mb
<b>Lac</b>	lacI	BVU_RS04290	BVU_0845	-	mb	lacY	BVU_RS13155	BVU_3613	-	mb
<b>Suc</b>	HTCS	BVU_RS00765	BVU_0149	-	rp	susC	BVU_RS08450	BVU_1662	+	rp
<b>αCyc</b>	susR	BVU_RS07000	BVU_1383	-	rp	susC_38	BVU_06985	BVU_1380	+	PULDB/Proteomic
<b>Xyn</b>	susR	BVU_RS07001	BVU_1384	-	rp	xynT	BVU_RS00225	BVU_0043	+	mb

<sup>a</sup> mb, manual blast (this study); rp, RegPrecise database entry