

Table S4. Proteomic data of CAZymes in polysaccharide utilization loci.

Modularity	Locus tag	Locus tag old	Glc	Gal	Frc	Man	Rha	Fuc	GlcA	Ara	Xyl	Mal	Lac	Suc	αCyc	Xyn
<b>PUL 1</b>																
SusD_1	BVU_RS00195	BVU_0037	0	0	0	0	0	0	0	0	0	0	0	0	0	356
SusC_1	BVU_RS00200	BVU_0038	0	0	0	0	0	21	0	0	0	0	0	0	0	943
GH43_12(CBM91 ( <i>xynB</i> ))	BVU_RS00205	BVU_0039	0	0	0	0	0	0	0	0	0	0	0	0	0	37
GH43_12 ( <i>xynD</i> )	BVU_RS00210	BVU_0040	0	0	0	0	0	0	0	0	0	0	0	0	0	12
GH10 ( <i>xynA</i> )	BVU_RS00215	BVU_0041	0	0	0	0	0	0	0	0	0	0	0	0	0	41
MFS ( <i>xyn7</i> )	BVU_RS00225	BVU_0043	0	0	0	0	0	0	0	0	0	0	0	0	0	77
<b>PUL 2</b>																
unk	BVU_RS00495	BVU_0097	5	63	73	57	37	3	37	47	4	7	67	6	43	3
CE11	BVU_RS00500	BVU_0098	28	35	25	35	32	36	47	37	29	34	42	50	56	30
unk	BVU_RS00505	BVU_0099	3	6	43	43	33	5	4	37	23	2	23	4	33	47
unk	BVU_RS00510	BVU_0100	23	3	67	27	53	8	73	47	0	0	0	37	47	6
GH29	BVU_RS00520	BVU_0102	0	0	0	0	5	4	3	0	1	6	5	0	0	6
GH109	BVU_RS00535	BVU_0105	0	0	0	0	3	0	0	0	0	13	0	0	0	0
<b>PUL 3</b>																
unk	BVU_RS00625	BVU_0123	6	83	5	2	3	43	67	0	67	67	53	17	1	43
SusD_3	BVU_RS00635	BVU_0125	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SusC_3	BVU_RS00640	BVU_0126	0	0	0	0	11	21	0	0	6	5	12	0	0	20
<b>PUL 4</b>																
GH3	BVU_RS00665	BVU_0131	0	0	0	0	0	0	6	0	0	0	0	0	0	0
GH92	BVU_RS00670	BVU_0132	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SusC_4	BVU_RS00685	BVU_0135	0	0	0	0	0	0	0	0	1	0	0	0	0	87
<b>PUL 5</b>																
SusC_5	BVU_RS00860	BVU_0167	0	0	0	0	27	57	0	0	4	0	33	0	0	33
<b>PUL 8</b>																
SusC_8a	BVU_RS01525	BVU_0299	0	0	0	0	0	13	0	0	0	0	0	0	0	0
SusC_8b	BVU_RS01550	BVU_0304	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<b>PUL 11</b>																
SusC_11	BVU_RS01980	BVU_0389	0	0	0	0	0	0	0	0	0	0	4	0	0	40
SusD_11	BVU_RS01985	BVU_0390	0	0	0	0	0	0	0	0	0	0	0	0	0	14
GH2	BVU_RS02000	BVU_0393	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Sulf_1	BVU_RS02005	BVU_0394	0	0	0	0	0	0	0	0	0	0	0	0	1	1
<b>PUL 12</b>																
GH31_4	BVU_RS02515	BVU_0491	0	0	0	0	0	2	0	0	0	0	0	0	0	3
SusD_12a	BVU_RS02520	BVU_0492	0	0	0	0	0	8	0	0	0	0	0	0	0	11
SusC_12a	BVU_RS02525	BVU_0492	0	0	0	0	0	8	0	0	0	0	0	0	0	11
GH35	BVU_RS02535	BVU_0495	0	0	0	0	0	4	0	0	0	0	0	0	0	12
GH51_2	BVU_RS02540	BVU_0496	0	0	0	0	0	1	0	0	0	0	0	0	0	4
GH43_19/34	BVU_RS02545	BVU_0497	0	0	0	0	0	0	0	0	0	0	0	0	0	6
GH30_2	BVU_RS02550	BVU_0498	0	0	0	0	0	0	0	0	0	0	0	0	0	12
SusD_12b	BVU_RS02555	BVU_0499	0	0	0	0	0	0	0	0	0	0	0	0	0	39
SusC_12b	BVU_RS02560	BVU_0500	0	0	0	0	0	0	0	0	0	0	0	0	0	163
<b>PUL 13</b>																
SusC_13	BVU_RS02580	BVU_0505	0	3	0	0	31	103	0	0	33	27	38	0	0	75
SusD_13	BVU_RS02585	BVU_0506	0	0	0	0	12	56	0	0	8	21	15	0	0	32
GH43_24	BVU_RS02595	BVU_0508	0	0	0	0	0	2	0	0	0	0	0	0	0	0
<b>PUL 14</b>																
GH29	BVU_RS02725	BVU_0535	5	8	6	7	4	7	11	5	5	10	9	3	2	9
Sulf_1	BVU_RS02740	BVU_0538	0	0	0	0	0	0	0	0	0	0	0	0	0	13
<b>PUL 15</b>																
GH92	BVU_RS02825	BVU_0555	3	4	0	3	4	7	2	4	2	2	4	2	2	2
SusD_15a	BVU_RS02845	BVU_0560	0	0	0	0	6	50	0	0	0	1	37	0	0	0
SusC_15a	BVU_RS02850	BVU_0561	0	0	0	0	40	129	1	0	28	0	40	0	0	20
SusD_15b	BVU_RS02855	BVU_0562	6	7	10	12	54	44	19	3	27	51	32	7	8	28
SusC_15b	BVU_RS02860	BVU_0563	35	19	68	43	155	166	66	23	141	140	142	25	24	118
<b>PUL 16</b>																
SusC_16	BVU_RS02885	BVU_0568	7	0	0	0	63	46	283	0	0	29	16	59	0	38
SusD_16	BVU_RS02890	BVU_0569	0	0	0	0	5	69	27	0	1	0	73	0	0	3
<b>PUL 17</b>																
SusC_17	BVU_RS02900	BVU_0571	29	26	39	11	118	171	20	19	75	49	121	22	31	133
SusD_17	BVU_RS02905	BVU_0572	47	53	93	33	55	62	19	33	87	25	32	27	4	34
<b>PUL 18</b>																
SusC_18	BVU_RS02970	BVU_0585	0	0	0	0	0	0	0	0	0	0	0	0	0	67
<b>PUL 19</b>																
GH2	BVU_RS03080	BVU_0607	0	27	0	0	15	32	11	2	93	53	83	0	0	20
<b>PUL 20</b>																
GH130_2	BVU_RS03105	BVU_0612	6	67	37	57	7	10	8	57	33	73	7	33	2	47
unk	BVU_RS03120	BVU_0615	0	43	0	13	13	16	0	0	8	77	7	0	0	83
unk	BVU_RS03125	BVU_0616	10	11	0	97	38	48	1	13	22	28	21	0	0	23
GH18	BVU_RS03130	BVU_0617	13	4	0	13	11	14	0	0	63	93	53	0	0	9
SusD_20	BVU_RS03135	BVU_0618	27	4	0	3	12	93	0	0	77	11	8	0	0	83
SusC_20	BVU_RS03140	BVU_0619	13	17	2	14	80	65	0	0	47	38	38	0	0	53
unk	BVU_RS03150	BVU_0621	0	3	33	0	13	3	0	0	3	27	3	0	0	27
GH92	BVU_RS03170	BVU_0624	0	37	0	6	11	17	13	2	13	13	16	0	0	18
GH92	BVU_RS03175	BVU_0625	0	0	0	0	1	1	0	0	0	1	0	0	0	0
<b>PUL 21</b>																
Anti-σ	BVU_RS03730	BVU_0734	17	4	13	0	0	1	4	0	0	0	17	0	0	2
<b>PUL 23</b>																
SusC_23	BVU_RS03860	BVU_0762	0	0	0	0	0	0	0	0	0	0	4	0	0	0
<b>PUL 24</b>																
unk	BVU_RS04265	BVU_0840	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SusC_24	BVU_RS04270	BVU_0841	0	0	0	0	0	0	0	0	0	0	0	0	0	11
SusD_24	BVU_RS04275	BVU_0842	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<b>PUL 25</b>																
SusC_25	BVU_RS04805	BVU_0946	0	0	0	0	24	26	0	0	31	16	48	0	0	71
SusD_25	BVU_RS04810	BVU_0947	0	0	0	0	0	13	0	0	0	0	0	0	0	83
unk	BVU_RS04815	BVU_0948	0	0	0	0	3	37	0	0	0	27	27	0	0	10
Pept MA	BVU_RS04820	BVU_0949	0	0	0	0	13	1	0	0	17	0	0	0	0	47
<b>PUL 26</b>																
SusC_26	BVU_RS04870	BVU_0959	56	82	34	0	137	258	15	23	215	203	293	13	27	393
SusD_26	BVU_RS04875	BVU_0960	93	23	13	67	27	40	13	13	31	42	53	1	0	71
<b>PUL 27</b>																
GH2	BVU_RS05055	BVU_0997	17	6	0	43	5	11	57	73	6	17	15	27	47	26
GH51_2	BVU_RS05075	BVU_1001	0	0	0	0	13	0	0	0	0	27	17	0	0	33
<b>PUL 29</b>																
SusC_29	BVU_RS05335	BVU_1054	0	0	0	0	0	0	0	0	47	23	30	0	0	34
SusD_29	BVU_RS05340	BVU_1055	0	0	0	0	0	0	0	0	0	6	7	0	0	3
<b>PUL 30</b>																
SusC_30	BVU_RS05475	BVU_1082	0	0	0	0	53	47	0	0	0	0	33	0	0	11
SusD_30	BVU_RS05480	BVU_1083	0	0	0	0	13	0	0	0	0	0	0	0	0	0
<b>PUL 31</b>																
unk	BVU_RS05640	BVU_1115	47	47	87	11	0	27	77	11	37	17	3	11	8	33
<b>PUL 34</b>																
SusC_34	BVU_RS05850	BVU_1157	0	0	0	0	0	0	0	0	2	0	37	0	0	15
SusD_																

[illegible]