

Table S12. Putative complex carbohydrate-degrading enzymes in three *Azospirillum* species in comparison with a soil cellulolytic bacterium *Thermobifida fusca*

CAZy family	Putative activity	<i>A. lipoferum</i> 4B	<i>A. brasilense</i> Sp245	<i>A. sp.</i> B510	<i>T. fusca</i>
GH 1	β -glucosidase, cellobiase	4	4	4	2
GH 2	β -mannosidase, β -glucuronidase, galactosidase	1	3	1	1
GH 3	Xylosidase, β -N-acetylhexosaminidase	1	1	2	2
GH 4	Glucuronidase, galactosidase, glucosidase	1	1	1	1
GH 5	Mannanase	0	0	0	1
GH 5	Cellulase, endogluconase	2	3	2	2
GH 6	Endogluconase	0	0	0	2
GH 8	Cellulase, endogluconase	1	0	1	0
GH 9	Endogluconase	0	0	0	2
GH 10, GH11	Endoxylanase, xylanase	1	2	1	3
GH 12	Endogluconase	0	1	0	0
GH 13, GH15	Amylase, pullulanase, dextranase	10	14	8	8
GH 16	Lichninase	1	0	1	0
GH 48	1,4-exocellulase	0	0	0	1
GH 17, GH25	Other	4	5	5	12
All	Glycosyl hydrolases	26	34	26	37

Proteins were assigned to CAZy families as described in Materials and Methods.