

Table 10. Glycosyltransferases (GT) in *M. smithii* and *M. stadtmanae* proteomes classified according to Carbohydrate Active enZyme (CAZy) database

	CAZy GT family	Protein	Annotation
<i>M. smithii</i>	GT1	MSM0423*	glycosyltransferase (modular protein with two domains distantly related to glycosyltransferases), GT2/GT1 families [CAZy]
	GT2	MSM0423*	glycosyltransferase (modular protein with two domains distantly related to glycosyltransferases), GT2/GT1 families [CAZy]
		MSM1290	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1294	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1297	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1310	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1311	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1312	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1316	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1321	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1323	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1324	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1328	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1329	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1330	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1503	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1507	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1545	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]
		MSM1594	glycosyltransferase (modular protein with two N-terminal beta-glycosyltransferase-related domains and C-terminal glycerophosphotransferase-related domain), GT2 families [CAZy]
		MSM1602	glycosyltransferase (modular protein with N-terminal beta-glycosyltransferase-related domain and C-terminal glycerophosphotransferase-related domain), GT2 family [CAZy]
	MSM1623	glycosyltransferase (related to beta-glycosyltransferases), GT2 family [CAZy]	
	MSM1627	glycosyltransferase (related to bactoprenol beta-glucosyltransferase), GT2 family [CAZy]	
	GT4	MSM0836	related to alpha-glycosyltransferases, GT4 family [CAZy]
		MSM1313	distantly related to glycosyltransferases, GT4 family [CAZy]
		MSM1317	distantly related to glycosyltransferases, GT4 family [CAZy]
		MSM1322	distantly related to alpha-glycosyltransferases, GT4 family [CAZy]
	GT66	MSM0716	glycosyltransferase (distantly related to oligosaccharyltransferases), STT3 subunit, GT66 family [CAZy]
<i>M. stadtmanae</i>	GT1	Msp_0515	partially conserved hypothetical protein
		Msp_0645	predicted glycosyltransferase
	GT2	Msp_0042**	predicted glycosyltransferase
		Msp_0045	predicted glycosyltransferase
		Msp_0054	predicted glycosyltransferase
		Msp_0203	predicted glycosyltransferase
		Msp_0206	predicted glycosyltransferase
		Msp_0207	predicted glycosyltransferase
		Msp_0212	predicted glycosyltransferase
		Msp_0215	predicted glycosyltransferase
		Msp_0218	predicted glycosyltransferase
		Msp_0220	predicted glycosyltransferase
		Msp_0441	predicted glycosyltransferase
		Msp_0442	predicted glycosyltransferase
		Msp_0492	predicted glycosyltransferase
		Msp_0493	predicted glycosyltransferase
		Msp_0495	predicted glycosyltransferase
		Msp_0496	predicted glycosyltransferase
		Msp_0500	predicted glycosyltransferase
		Msp_0538	predicted glycosyltransferase
		Msp_0541	predicted glycosyltransferase
		Msp_0645	predicted glycosyltransferase
		Msp_0989	predicted glycosyltransferase
		Msp_1087	predicted glycosyltransferase
		Msp_1481	conserved hypothetical membrane-spanning protein
	Msp_1540	partially conserved hypothetical protein	
	GT4	Msp_0039	predicted glycosyltransferase
		Msp_0044	predicted glycosyltransferase
		Msp_0049	predicted glycosyltransferase
		Msp_0051	predicted glycosyltransferase
		Msp_0052	predicted glycosyltransferase
		Msp_0053	predicted glycosyltransferase
		Msp_0055	predicted glycosyltransferase
		Msp_0056	predicted glycosyltransferase
		Msp_0057	predicted glycosyltransferase
		Msp_0101	predicted glycosyltransferase
		Msp_0492	predicted glycosyltransferase
		Msp_0991	predicted glycosyltransferase
	GT66	Msp_0368	conserved hypothetical membrane-spanning protein

* - modular protein

** - probable fragment