				Glycos	sylation		InterPro Domain Content ²								
				Sites ¹			Adhesin-like			Repeats			Activity		
	GENE	ANNOTATION	Number of Amino Acids in Protein	N-linked	O-linked	Intimin	Bacterial Ig-like	Pectate Lyase	GAG/ Chondroitinase	Chlamydia PMP Repeats	Parallel Beta- Helix Repeats	Other Repeats	Peptidase/ Protein Binding	Glycosidase/ Sugar Binding	Secreted Glucosidase
M. smithii	MSM0031	adhesin-like protein	354	2	1										
	MSM0051	adhesin-like protein	1022	10	-										
	MSM0052	adhesin-like protein	2530	13	2									-	
	MSM0057	adhesin-like protein	251 203	8	23 2									-	
	MSM0092 MSM0159	putative adhesin-like protein adhesin-like protein	153	2	2										
	MSM0159	adhesin-like protein	2879	35	1							BA	Pep		
	MSM0173 MSM0221	adhesin-like protein	336	<u>5</u>	2							БA	tPep		
	MSM0221	adhesin-like protein	2065	10	2								reb	-	
	MSM0200	putative adhesin-like protein	592	1							1			-	
	MSM0282	adhesin-like protein	1049	10									-		
	MSM0337	putative adhesin-like protein	71	10										-	
	MSM0411	adhesin-like protein	1414	10								BA			
	MSM0412	putative adhesin-like protein	376	2											
	MSM0461	adhesin-like protein	1026	7	1								-		
	MSM0580	putative adhesin-like protein	262	4											
	MSM0616	adhesin-like protein	3684		2										
	MSM0884	adhesin-like protein	755		11								-		
	MSM0885	adhesin-like protein	1730		1								CPD		
	MSM0957	adhesin-like protein	620										CPD		
	MSM0995	adhesin-like protein	951									F			
	MSM0996	adhesin-like protein	796												
	MSM1111	adhesin-like protein	1941		3							F	Pep		
	MSM1112	adhesin-like protein	1909							_				Gal	
	MSM1113	adhesin-like protein	2101		1									Ogly	
	MSM1114	adhesin-like protein	1879		2										
	MSM1116	adhesin-like protein	1491										CPD		
	MSM1168	putative adhesin-like protein	1055		1										
	MSM1188	adhesin-like protein	4691		2										
	MSM1282	putative adhesin-like protein	532	10	5								CPD		
	MSM1305	adhesin-like protein	2036	29			L					DO		+	
	MSM1306	adhesin-like protein	1430	11 8	1							PQ		+	
	MSM1397 MSM1398	adhesin-like protein	1370 767	8									CPD	4	<u> </u>
	MSM1398 MSM1399	adhesin-like protein adhesin-like protein	649	3 4	6								GPD	1	
	MSM1399 MSM1485	putative adhesin-like protein	128	4	0								1	+	
	MSM1465 MSM1533	adhesin-like protein	1152	15								BA		+	
	MSM1533	adhesin-like protein	2709	29	3							BA	Col	l i	
	MSM1554	putative adhesin-like protein	612	7	2							-/-	001	1	
	MSM1567	adhesin-like protein	2193	13	-							PQ		1	
	MSM1585	adhesin-like protein	1262	3									tPep	Í	
	MSM1586	adhesin-like protein	1831	14											
	MSM1587	adhesin-like protein	1702	15		_							1	1	
	MSM1590	adhesin-like protein	1884	20									1	1	
	MSM1709	adhesin-like protein	748	15	1								Ī		
1	MSM1716	adhesin-like protein	1007	7									Ī		
	MSM1735	adhesin-like protein	1434	12							1	1	Pep	1	
	MSM1738	putative adhesin-like protein	156												

M. stadtmanae	Msp 0043	member of asn/thr-rich large protein family	816	9								
	Msp 0046	member of asn/thr-rich large protein family	881	2	6						tGlyc	1
	Msp 0048	member of asn/thr-rich large protein family	1909	19	1							
	Msp 0141	member of asn/thr-rich large protein family	2120	13						CPD		1
	Msp 0145	member of asn/thr-rich large protein family	2774	17	1					Pep		1
	Msp_0154	member of asn/thr-rich large protein family	2036	28	1					CPD		
	Msp 0432	member of asn/thr-rich large protein family	2044	23								í
	Msp 0440	member of asn/thr-rich large protein family	1552	10	1					CPD		í
	Msp 0590	member of asn/thr-rich large protein family	2979	30	3				F	tPep		1
	Msp_0606	member of asn/thr-rich large protein family	2459	20	2					tPep		
	Msp_0619	member of asn/thr-rich large protein family	2468	20	1							I
	Msp 0713	member of asn/thr-rich large protein family	2151	20	1							
	Msp 0747	member of asn/thr-rich large protein family	706	7								I
	Msp_0762	member of asn/thr-rich large protein family	3356	25	2				F	tPep		1
	Msp_0765	member of asn/thr-rich large protein family	1222	8	1							1
	Msp 0776	member of asn/thr-rich large protein family	421	3								1
	Msp_0777	member of asn/thr-rich large protein family	1875	19	1					Pep		1
	Msp_0836	member of asn/thr-rich large protein family	1790	25								1
	Msp_0911	member of asn/thr-rich large protein family	1965	24								L
	Msp_0912	member of asn/thr-rich large protein family	2037	18								I
	Msp_0913	member of asn/thr-rich large protein family	1519	27	3							1
	Msp_0922	member of asn/thr-rich large protein family	973	7								1
	Msp_0963	member of asn/thr-rich large protein family	1104	12						CPD		1
	Msp_0964	member of asn/thr-rich large protein family	769	5								I
	Msp_0980	member of asn/thr-rich large protein family	1063	12					BA			1
	Msp_0983	member of asn/thr-rich large protein family	1311	18						Pep		1
	Msp_1091	member of asn/thr-rich large protein family	735	11	2							
	Msp_1103	member of asn/thr-rich large protein family	857	11								<u> </u>
	Msp_1104	member of asn/thr-rich large protein family	1140	11				_				I
	Msp_1108	member of asn/thr-rich large protein family	1921	18	1	_						
	Msp_1109	member of asn/thr-rich large protein family	853	13	1							
	Msp_1115	member of asn/thr-rich large protein family	1896	16	1							
	Msp_1348	member of asn/thr-rich large protein family	834	3							tGlyc	I
	Msp_1399	member of asn/thr-rich large protein family	1447	21	3							
	Msp_1401	member of asn/thr-rich large protein family	1324	18								
	Msp_1465	member of asn/thr-rich large protein family	2214	18						CPD		1
	Msp_1572	member of asn/thr-rich large protein family	843							tPep		I

KEY												
BA - B. anthrasis OMP repeat	CPD - Carboxypeptidase D regulatory domain											
F - filamin repeat	tGlyc - transglycosidase	GAG - gly	GAG - glycosaminoglycan									
PQ - PQQ cofactor binding repeat Col - collagen	tPep - trans-peptidase Gal - galactose	Pep - peptidase Ogly - O-glycan										
>20 >10 >0 - degree of g	glycosylation - pre	esent	- absent									

¹Predictions completed using NetNGlyc and NetOGlyc (http://www.cbs.dtu.dk/services/).

²InterPro domains: Invasin/intimin cell-adhesion (IPR008964); Bacterial Ig-like (IPR003344); pectin lyase fold (IPR011050); GAG lyase, Chondroitinase B-type (IPR012333); Polymorphic membrane protein, Chlamydia (IPR003368); Parallel beta-helix repeat (IPR006626); Peptidase S8 and S53 (IPR000209); Penicillin-binding protein, transpeptidase fold (IPR012338); Carboxypeptidase regulatory region (IPR008969)