

Supplementary Materials

Table S1. Predicted 2D PAGE locations of Mpn142 fragments against the observed 2D PAGE locations.

Fragment #	Predicted Mass (kDa)	Predicted pI	Observed Mass (kDa)	Observed pI
1	30.59	8.86	35 37–50 *	>7, <6, 6.9, 7.8, 8.5–8.7 4.7, 6.0, 6.6, 8.0, 8.5, 9.5, 9.7
2	83.57	5.29	80 80 *	4.9, <6, 6.2, 6.5 4.6–5.1
3	36.30	9.28	38–40	6.5, 6.8, 7.0, 7.5
4	35.57	4.83	Not identified	Not identified
5	48.01	6.94	Not identified	Not identified
6	16.60	9.22	Not identified	Not identified
7	12.68	6.80	Not identified	Not identified
8	21.16	9.73	Not identified	Not identified
9	57.05	7.82	60	4.9–5.0
10	62.42	4.77	60	4.9–5.0
11	16.37	9.87	14	>7
12	25.60	9.38	Not identified	Not identified
13	36.67	4.91	Not identified	Not identified
14	9.24	4.55	Not identified	Not identified
15	53.02	7.91	Not identified	Not identified

Predicted mass and pI was calculated by ProtParam. * indicates that the fragment was identified 2D gels of surface biotinylated proteins. # indicates number.

Table S2. Blast analysis of Mpn142 fragments.

Fragment#	Homology (UniProt Accession #: Name)	Organism	Identity (%)
1	D5FY38: Adhesin	<i>Mycoplasma genitalium</i>	40.4
2	D5FY44: Adhesin	<i>Mycoplasma genitalium</i>	58.0
3	D5FY38: Adhesin	<i>Mycoplasma genitalium</i>	39.0
4	D5FY44: Adhesin	<i>Mycoplasma genitalium</i>	58.0
5	E9JMQ6: Adhesin	<i>Mycoplasma genitalium</i>	67.6
6	D5FY38: Adhesin	<i>Mycoplasma genitalium</i>	56.1
7	E9JMP4: Adhesin	<i>Mycoplasma genitalium</i>	59.5
8	E9JMQ6: Adhesin	<i>Mycoplasma genitalium</i>	74.8
9	E9JMQ6: Adhesin	<i>Mycoplasma genitalium</i>	66.5
10	D5FY44: Adhesin	<i>Mycoplasma genitalium</i>	59.9
11	E9JMQ6: Adhesin	<i>Mycoplasma genitalium</i>	75.3
12	E9JMQ6: Adhesin	<i>Mycoplasma genitalium</i>	71.4
13	E9JMP1: Adhesin	<i>Mycoplasma genitalium</i>	62.5
14	E9JMQ0: Adhesin	<i>Mycoplasma genitalium</i>	65.4
15	E9JMQ6: Adhesin	<i>Mycoplasma genitalium</i>	66.0

Proteins listed were the top Blast non-*M. pneumoniae* hits. # indicates number.