

Table S4.

Adhesin prediction of *P. jirovecii* Msg proteins using Faapred (62)
(Fungal Adhesins and Adhesin-like proteins prediction). ^a

^a Default threshold score -0.8; SVM, Support Vector Machine; ACHM, hybrid classifier model.

S.No.	Sequence IDs	SVM Score	Decision
Msg-I :			
1	Msg32	-0.18758456	Adhesin
2	Msg24	-0.2593422	Adhesin
3	Msg84	-0.3974799	Adhesin
4	Msg56	-0.37195716	Adhesin
5	Msg6	-0.38528277	Adhesin
6	Msg94	-0.27551638	Adhesin
7	Msg45	-0.14446964	Adhesin
8	Msg41	-0.3531811	Adhesin
9	Msg103	-0.2813905	Adhesin
10	Msg93	-0.29770818	Adhesin
11	Msg78	-0.20618069	Adhesin
	Mean :	-0.28728119	
	St. Dev. :	0.08440092	
Msg-II :			
1	Msg104	-0.53731388	Adhesin
2	Msg76	-0.60383652	Adhesin
3	Msg79	-0.58987698	Adhesin
4	Msg85	-0.61051065	Adhesin
5	Msg7	-0.67166743	Adhesin
6	Msg25	-0.62358595	Adhesin
7	Msg37	-0.60573321	Adhesin
8	Msg68	-0.53590643	Adhesin
9	Msg62	-0.62917919	Adhesin
10	Msg20	-0.72426586	Adhesin
11	Msg3	-0.54916813	Adhesin
	Mean :	-0.60736766	
	St. Dev. :	0.05680739	

Msg-III :

1	Msg53	-0.49990357	Adhesin
2	Msg46	-0.47526888	Adhesin
3	Msg107	-0.65321916	Adhesin
4	Msg34	-0.59489758	Adhesin
5	Msg110	-0.74540702	Adhesin
6	Msg8	-1.1314442	Non-adhesin
7	Msg55	-0.93157314	Non-adhesin

Mean : -0.71881622
St. Dev. : 0.23914127

Msg-IV :

1	Msg77	-0.75320719	Adhesin
2	Msg86	-1.1181785	Non-adhesin
3	Msg80	-0.9846338	Non-adhesin
4	Msg63	-1.0214598	Non-adhesin
5	Msg70	-0.72008147	Adhesin
6	Msg91	-0.72008147	Adhesin

Mean : -0.88627371
St. Dev. : 0.17588419

Msg-V :

1	Msg101	-0.57478943	Adhesin
2	Msg54	-0.32495048	Adhesin
3	Msg47	-0.50255348	Adhesin
4	Msg28	-0.21888322	Adhesin
5	Msg97	-0.70038454	Adhesin
6	Msg22	-0.62611985	Adhesin
7	Msg11	-0.34666867	Adhesin
8	Msg42	-0.27874663	Adhesin

Mean : -0.44663704
St. Dev. : 0.17768827

Msg-VI :

1	Msg49	0.06791372	Adhesin
2	Msg51	-0.10949546	Adhesin
3	Msg73	-1.2143764	Non-adhesin
4	Msg39	0.19554572	Adhesin
5	Msg59	0.01727041	Adhesin
6	Msg18	-0.30709358	Adhesin

Mean : -0.22503927
St. Dev. : 0.51386738

Outliers :

1	Msg12	-0.33991727	Adhesin
2	Msg17	-0.47064342	Adhesin
3	Msg30	-0.80573559	Non-adhesin
4	Msg58	-0.424935	Adhesin
5	Msg82	-0.90067401	Non-adhesin
6	Msg60	-0.01416784	Adhesin

Mean : -0.49267886
St. Dev. : 0.32306292