

Table S1 TMHMM results of the 32 proteins from filter by cross-blast.

ID	Len	ExpAA	First60	PredHel	Topology
Ame_R000248	257	0.4	0	0	o
Ame_R000307	391	0.24	0.06	0	o
Ame_R000609	854	0.19	0	0	o
Ame_R000622	443	0.64	0	0	o
Ame_R002839	221	0	0	0	o
Ame_R002945	92	0.43	0.43	0	o
Ame_R004369	163	40.54	19.46	2	o10-27i124-143o
Ame_R005446	671	0.02	0	0	o
Ame_R006110	359	21.2	21.2	1	i7-26o
Ame_R006158	325	0.55	0.14	0	o
Ame_R007364	146	0.48	0.03	0	o
Ame_R008064	2012	0.63	0	0	o
Ame_R008184	335	1.39	0	0	o
Ame_R008820	284	0	0	0	o
Ame_R008980	148	0	0	0	o
Ame_R011061	397	0.03	0	0	o
Ame_R011984	366	0.02	0	0	o
Ame_R012522	460	0.06	0.06	0	o
Ame_R013038	320	0.02	0.02	0	o
Ame_R013090	1014	0.15	0	0	o
Ame_R013224	377	0	0	0	o
Ame_R013532	306	13.16	13.15	0	o
Ame_R013753	374	0.67	0	0	o
Ame_R014240	517	0.72	0	0	o
Ame_R015262	250	0.05	0	0	o
Ame_R017002	85	0.02	0.02	0	i

Ame_R017525	86	0	0	0	o
Ame_R017570	893	12.92	0	0	o
Ame_R017671	332	0	0	0	o
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DNA Sequences

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