

Table S1. BLASTp analysis of keratinase *kerS* showing deduced amino acid, total score, query cover, E-value and percentage of identity.

Keratinase gene	Deduced amino acid	Total score	Query cover	E-value	% of identity
<i>KerS1</i>	234	(481-483)	100%	(1e-168-4e-170)	(99.15%-100%)
<i>KerS1ems</i>	397	(795-805)	100%	0.0	(98.24%-100%)
<i>KerS13</i>	397	(795-805)	100%	0.0	(98.24%-100%)
<i>KerS13uv</i>	397	(795-805)	100%	0.0	(98.24%-100%)
<i>KerS13uv+ems</i>	397	(793-804)	100%	0.0	(97.98%-100%)
<i>KerS15</i>	397	(795-805)	100%	0.0	(98.24%-100%)
<i>KerS15ems</i>	397	(795-805)	100%	0.0	(98.24%-100%)
<i>KerS26</i>	397	(795-805)	100%	0.0	(98.24%-100%)
<i>KerS26uv</i>	397	(795-805)	100%	0.0	(98.24%-100%)
<i>KerS39</i>	295	(593-601)	(99%-100%)	0.0	(98.64%-100%)
<i>KerS39ems</i>	269	(547-551)	100%	0.0	(99.26%-100%)