Table S3. A comparison of parameters and the most abundant amino acids of Fib-H of P. prasinana and B. mori calculated by ProtParam (https://web.expasy.org/protparam).

Fibroin parameters	***P. prasinana***	***B. mori***
Hydrophobicity (GRAVY)	-0.078	0.243
Theoretical pI	5.07	3.73
Glycine	40.7%	47.4%
Alanine	24.7%	31.2%
Serine	15.9%	12%
Tyrosine	7.6%	5.2%