

Scheme S1. Overview of the experimental steps to inoculate the two bioreactor types with mycelia from the same pre-culture, and operating conditions for the comparison of the two bioreactors for hispidin production.

Table S1. Pictures of the silk samples over time.

time [h]	0	1	6	12	24	48
Reference						
<i>I. hispidus</i>						
dye's madder						











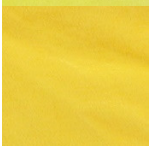



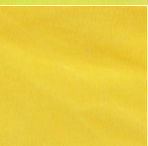
Dylon					
Marabu					
Simplicol					



Figure S1. Left: undyed wool, right: wool dyed with *I. hispidus* submerged culture.