

S4 Table The detected peptide sequences of silk protein in HS

Sequence	Protein Description	Protein Accessions	Δ Score	Charge	m/z [Da]	MH+ [Da]	ΔM [ppm]
GAGAGSGAASGAGAGA GAGAGTGSSGF	fibroin heavy chain precursor [Bombyx mori]	gi164448672	1	2	969.92999	1938.8527	-0.55
GAGAGSGAGSGAGAGS GAGAGY	fibroin heavy chain precursor [Bombyx mori]	gi164448672	1	2	784.34033	1567.6734	0.08
GAGAGAGY	fibroin heavy chain precursor [Bombyx mori]	gi164448672	0.21	1	623.27832	623.27832	-0.13
GAGVGAGY	fibroin heavy chain precursor [Bombyx mori]	gi164448672	0.15	1	651.30951	651.30951	-0.29