

**S3 Table The detected peptide sequences of silk protein of LA**

<b>Sequence</b>	<b>Protein Description</b>	<b>Protein Accessions</b>	<b><math>\Delta</math>Score</b>	<b>Charge</b>	<b>m/z [Da]</b>	<b>MH+ [Da]</b>	<b><math>\Delta</math>M [ppm]</b>
GIGVGAGYGAGAGVGY	fibroin heavy chain precursor [Bombyx mori]	gi164448672	1	2	663.32629	1325.64531	-2.41
VITTDSDGNESIVEEDVLMK TL	fibroin heavy chain precursor [Bombyx mori]	gi164448672	0.85	2	1212.58545	2424.16362	-2.60
GAGAGSGAASGAGAGAGA GAGTGSSGFGPY	fibroin heavy chain precursor [Bombyx mori]	gi164448672	0.8	3	752.66638	2255.98459	-2.99
EYAWSESDF	fibroin heavy chain precursor [Bombyx mori]	gi164448672	1	2	610.73944	1220.47161	-2.18
GAGAGAGY	fibroin heavy chain precursor [Bombyx mori]	gi164448672	0.25	1	623.27673	623.27673	-2.68
GAGVGAGY	fibroin heavy chain precursor [Bombyx mori]	gi164448672	0.15	1	651.30841	651.30841	-1.98