**Figure S1: Mass spectroscopy data for chemically synthesized PrP peptides**

Sample ID: 23-61

Sequence: Biotin-KKRPKPGGWNTGGSRYPGQGSPGGNRYPPQGGGGWGQPH

Expected MS: 4242.68

Sample ID: 57-91

Sequence: Biotin-WGQPHGGGWGQPHGGGWGQPHGGGWGQPHGGGWGQ

Expected MS: 3722.96



Sample ID: 89-120

Sequence: Biotin-WGQGGGTHSQWNKPSKPKTNMKHMAGAAAAGA

Expected MS: 3489.98



Sample ID: 112-146

Sequence: Biotin-MAGAAAAGAVVGGLGGYMLGSAMSRPIIHFGSDYE

Expected MS: 3612.21

![C:\Users\user\Desktop\SGI anti-prion effect\Administrator\AppData\Roaming\Tencent\Users\390407274\QQ\WinTemp\RichOle\3T3%FLNEE5EJURI]RGEHP6M.png]()

Sample ID: 128-159

Sequence: Biotin-YMLGSAMSRPIIHFGSDYEDRYYRENMHRYPN

Expected MS: 4196.74

![C:\Users\user\Desktop\SGI anti-prion effect\Administrator\AppData\Roaming\Tencent\Users\390407274\QQ\WinTemp\RichOle\ZI]7MAK~VT2R61S`RSXCTI9.png]()

Sample ID: 138-172

Sequence: Biotin-IIHFGSDYEDRYYRENMHRYPNQVYYRPMDEYSNQ

Expected MS: 4777.23

![C:\Users\user\Desktop\SGI anti-prion effect\Administrator\AppData\Roaming\Tencent\Users\390407274\QQ\WinTemp\RichOle\PY}PADZ])CMW$ZS)VD1GZ%F.png]()

Sample ID: 157-193

Sequence: Biotin-YPNQVYYRPMDEYSNQNNFVHDCVNITIKQHTVTTTT

Expected MS: 4662.18



Sample ID: 169-203

Sequence: Biotin-YSNQNNFVHDCVNITIKQHTVTTTTKGENFTETDV

Expected MS: 4226.63

![C:\Users\user\Desktop\SGI anti-prion effect\Administrator\AppData\Roaming\Tencent\Users\390407274\QQ\WinTemp\RichOle\U6NE5AX`F~]36(`SE)TIZYK.png]()

Sample ID: 193-231

Sequence: Biotin-TKGENFTETDVKMMERVVEQMCITQYERESQAYYQRGSS

Expected MS: 4880.47

