## MALDI-TOF Search

## 1. Search website:

http://169.230.19.26:8080/cgi-bin/msform.cgi?form=msfitstandard

2. Parameter setting atabase NCBInr.2005.01.06 DNA Frame translation: 3 選擇水解酵素 Digest: Trypsin 選擇蛋白 ▼ Filename: lastres l ▼ Search Hits: From: msfit 及相關選項 Output Type: HTML ▼ Save Hits to file: □ Filename: lastres l ▼ Max. # of missed cleavages: 1 質資料庫 Cys modified by: acrylamide N term: Hydrogen V C term: Free Acid V Accession Numbers: 選擇物種 Species: All Species Codes: Names: 選擇分子量及 MW of Protein: (from 1000 Da to 100000 Da) All 選擇可能產生 to 10.0 PI値範圍 Protein pl: (from 3.0 之修飾反應 ossible Peptide N-terminal Gln to pyroGlu Start Search Oxidation of M Modifications 開始搜尋 Mode (default) Protein N-terminus Acetylated Maximum Reported Hits: Acrylamide Modified Cys Sample ID (comment): Magic Bullet digest User Defined Modification 選擇輸出資 Phosphorylation of S, T and Y Sort By: Score Sort 料之筆數 ΩR Min. # peptides required to match: 4 Homology Mode (select any mode but identity) Report MOWSE Scores: 

Pfactor: 0.4 Search mode: identity Chem Score: Met Ox Factor: 1.0 Min. # matches with NO AA substitutions: 1 調整誤差節圍 Instrument: MALDI-TOF Data Paste Area (可先設定 676.3718 輸入 mass list 200-300 ppm, Peptide masses are: monoisotopic 25.4571 1017, <del>5370</del> 再依結果調整) Mass Tolerance: +/- 50 ppm 🔻 1026.5964 1040.6121 Systematic Error: U 1105.4550 1196.7132 Data Format: PP M/Z Charge 1218.5796