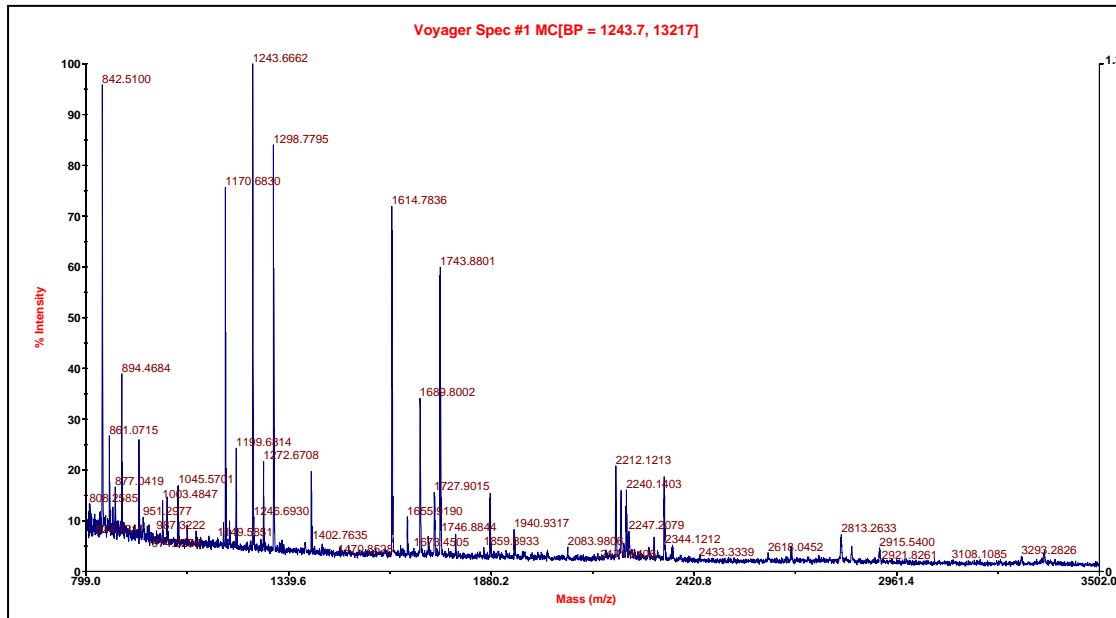


Appendix Ia

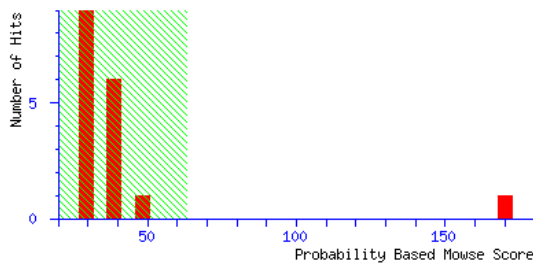


MATRIX Mascot Search Results

User : Morag
Email : 9606340n@student.gla.ac.uk
Search title : morag050804DIGEToxo24h1_plate2spot40
MS data file : C:\morag\DIGEToxo24h1\plate2\040804_DIGE-Toxo24h1_plate2_40_0001.dat
Database : NCBI nr 20040731 (1934002 sequences; 646347132 residues)
Taxonomy : Homo sapiens (human) (113108 sequences)
Timestamp : 5 Aug 2004 at 10:50:29 GMT
Top Score : 170 for **gi|4507651**, tropomyosin 4 [Homo sapiens]

Probability Based Mowse Score

Ions score is $-10 \cdot \log(P)$, where P is the probability that the observed match is a random event. Protein scores greater than 63 are significant ($p < 0.05$).



Concise Protein Summary Report

Format As: [Help](#)

Significance threshold $p <$ Max. number of hits

1. [gi|4507651](#) Mass: 28619 Score: **170** Expect: 1.1e-12 Queries matched: 11
tropomyosin 4 [Homo sapiens]

Fig. An example of MALDI ToF spectra. (Fig courtesy of Dr. Morag Nelson, Dept. of Infection and Immunity, University of Glasgow, Scotland, UK).