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IRIDESCENT VIRUS AND *NOSEMA CERANAE* LINKED TO HONEYBEE COLONY COLLAPSE DISORDER

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A consistent marker for Colony Collapse Disorder (CCD) in the honeybee has been detected and identificd by Mass Spectrometry based proteomics (MSP). The analysis of honeybees from commercial apiaries across the United States and from a research observation hive discovered an iridescent virus (*Iriodoviridae*, IIV) that was significantly discriminated among strong, failing, and collapsed honeybee colonies. A relationship between IIV and the Microsporidia *Nosema* was further discovered using the same techniques. This combination of IIV and *Nosema* that is the consistent marker of CCD. MSP proved to be a rapid, automated analysis method that features an unrestricted capability to detect and identify multiple pathogens in a single analysis.

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PREFACE

The work described in this report was started in March 2007 and completed in March 2010.

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IRIDESCENT VIRUS AND *NOSEMA CERANAE* LINKED TO HONEYBEE COLONY COLLAPSE DISORDER (CCD)

1. INTRODUCTION

Historically, Colony Collapse Disorder (CCD) has been defined by its signs, which may vary with time of year and region (1). Whether the etiology of CCD in the United States is the same as observed in other countries remains unknown. Higes et al. concluded that in Spain, the microsporidian, *Nosema ceranae*, causes CCD, and reported that it could be cured by treatment with a fungicide (2). However, Cox-Foster et al. stated that *N. ceranae* did not contribute significantly to CCD in the United States. They observed through meta-genomic analyses that Israeli acute paralysis virus (IAPV) was a significant biomarker of the disorder (3) and was found in bees imported from Australia. Bee samples from our initial study in 2006-2007 had high titers of *N. ceranae*, and some contained an unspecified *Iflavirus* (4), which later proved to be IAPV.

These conflicting findings prompted us to broaden our survey of honeybee colonies by using a Mass Spectrometry based proteomic (MSP) approach to identify either potential causes or markers of CCD, and if possible, corroborate earlier findings. This MSP method was developed to allow a rapid survey and identification of peptides and corresponding proteins from virtually the entire available library of microbial, plant, insect, and vertebrate pathogens (5).

MSP allows a one-step method for the detecting and analyzing all of the most quantitatively abundant and structurally diverse macromolecules in the cell, without the need for amplification, probes, or primers. The greater abundance of cellular proteins and the larger diversity in the amino acid sequences, i.e., 400 combinations of amino acids, compared to 16 combinations of four nucleotides for genomics, enhances proteomic discrimination capabilities in identifying and classifying microorganisms to strain level (5). This provides both an effective complimentary alternative to gene-based approaches for pathogen screening and classification (6). Converging genome sequencing, automated acquisition of peptide fragmentation data by mass spectrometry, and bioinformatics allow peptide sequencing information to be obtained. Such information can be used to develop characterization strategies for unrestricted identification and taxonomic classification of microorganisms from the environment. This approach provides a means for fungi, bacteria, and viruses to be detected and classified, and for their phylogenic relationships to be determined at the same time and from a single sample.

2. MATERIALS AND METHODS (7)

The proteomic approach uses an ensemble of bioinformatics tools for rapid classification and identification of microorganisms. The method is based on the peptide sequence generated from the Liquid Chromatography-Mass Spectrometry/Mass Spectrometry (LC-MS/MS) analysis of tryptic digests of microbial protein extracts and on profiling of the

sequenced peptides to create a matrix of sequence-to-microbe assignments. The binary matrix is populated by the experimental peptide information obtained using SEQUEST®□(Thermofisher Scientific, USA) search alignment algorithm that were processed using diverse visualization and multivariate statistical techniques for pathogen classification and identification (5,8). This proteomic approach is an automated process that reveals the match between analyzed peptides and the constructed proteome database of microorganisms (5). Sample preparation and analysis methods are detailed in following sections.

2.1 Worker Bee Samples

We obtained samples of adult worker honeybees from western, northeastern, and southeastern regions of the United States, focusing on commercial migratory beekeeping businesses that exhibited signs of CCD. In all, six different sample sets were taken. Two were from migratory beekeeping businesses, with one set of these moving between the East Coast and the Central Valley of California, and the other set moving between northern-tier states in the West and northern California. A third set was from packages of imported Australian bees soon after they were installed in hives on the East Coast. The fourth set of bees was sampled in 2008 from an apiary belonging to a large, 3000-colony, non-migratory beekeeping operation in northwestern Montana with no history of CCD. The fifth set was sampled from an apiary in Florida. The last set of samples came from research colonies at The University of Montana, Missoula. Bees were shaken directly into new, clean, 1 qt Ziploc® or 1 L Whirl-Pac® bags. The bags were sealed, placed in a cooler with frozen gel pacs, and shipped by overnight express to the U.S. Army Edgewood Chemical and Biological Center (ECBC). Samples were frozen and stored in a -80 °C freezer until analyzed.

We discovered CCD in its early stages in our research colonies. We placed the combs, remaining queen, and bees from one collapsing colony into a five-frame, glass observation hive. This colony recovered rapidly, but in 2 months, began to collapse again. This allowed a unique opportunity to observe the progression of the syndrome, and to collect a series of samples as CCD progressed.

From each commercial apiary, we sampled one or more sets of bee colonies at different apiary locations. We scored each colony according to number of frames of bees and frames of brood. We then collected samples of bees from the strong (i.e., largest adult bee population), failing (reduced adult bee population with a disproportionate, excessive amount of brood for the adult population size), and collapsed colonies (queen and a small, half-frame retinue of young bees) within each apiary.

The collapsing research colony in the observation hive was sampled 16 times over a 3 month period when only a queen and four workers remained. We also collected forager flight activity records from a digital counter mounted on the observation colony. That data provided supplementary data for the number of foraging flights made and the number of foragers that returned each day.

2.2 Processing Protocols for Biological Samples

Bee samples were homogenized in 100 mM of ammonium acetate buffer using a tissue homogenizer (Waring or Kontes). The supernatant was filtered to remove large particulates, followed by ultrafiltration at 300 kDa. All filtered bee samples were lysed using an ultra-sonication probe at settings of 20 s pulse-ON, 5 s pulse-OFF, and 25% amplitude for 5 min. To verify cells were appropriately disrupted, a small portion of lysates was reserved for 1-D gel analysis. The lysates were centrifuged at 14,100g for 30 min to remove all cellular debris. Supernatant was then added to a Microcon YM-3 filter unit (Millipore, USA) and centrifuged at 14,100g for 30 min. Effluent was discarded, and the filtrate was denatured by adding 8 M urea and 3 mg/mL Dithiothreitol (DTT) and incubated for 2 h in an orbital shaker set to 50 °C and 60 rpm. A 10 µL volume of 100% acetonitrile (ACN) was added to tubes and allowed to sit at room temperature for 5 min. Tubes were washed using 100 mM ammonium bicarbonate (ABC) solution and then spun down at 14,100g for 30-40 min. The isolated proteins were then digested with 5 mL trypsin (Promega, USA) in 240 mL of ABC solution + 5 mL ACN. Digestion was performed overnight at 37 °C in an orbital shaker set to 60 rpm. Sixty microliters of 5% ACN/0.5% formic acid (FA) was added to each filter and vortex mixed lightly for 10 min. Tubes were centrifuged at 14,100g for 20-30 min. An additional 60 mL of 5% ACN/0.5% FA mixture was added to filter and spun. Effluent was then analyzed using the LC-MS/MS technique.

2.3 Protein Database and Database Search Engine

A protein database was constructed in a FASTA format using the annotated bacterial and viral proteome sequences derived from all fully sequenced chromosomes of bacteria and viruses, including their sequenced plasmids (as of September 2008). A PERL program (http://www.activestate.com/Products/ActivePerl) was written to download these sequences automatically from the National Institutes of Health National Center for Biotechnology (NCBI) site (http://www.ncbi.nlm.nih.gov). Each database protein sequence was supplemented with information about a source organism and a genomic position of the respective open reading frame (ORF) embedded into a header line. The database of bacterial proteomes was constructed by translating putative protein-coding genes and consists of tens of millions of amino acid sequences of potential tryptic peptides obtained by the in silico digestion of all proteins (assuming up to two missed cleavages). The protein database is listed in Appendix A.

The experimental MS/MS spectral data of bacterial peptides were searched using the SEQUEST® (Thermofisher Scientific, USA) algorithm against a constructed proteome database of microorganisms. SEQUEST thresholds for searching the product ion mass spectra of peptides were Xcorr, deltaCn, Sp, RSp, and deltaMpep. These parameters provided a uniform matching score of all candidate peptides. The generated outfiles of these candidate peptides were then validated using peptide prophet algorithm.

Peptide sequences with a probability score of 95% and higher are retained in the dataset and used to generate a binary matrix of sequence-to-bacterium assignments. The binary matrix assignment is populated by matching the peptides with corresponding proteins in the

database and assigned a score of 0(no-match) or 1(match). The column in the binary matrix represents proteome of a given virus, and each row represents a tryptic peptide sequence from the LC-MS/MS analysis. Bee samples were identified with the virus/bacterium/fungi proteome based on the number of unique peptides that remained after removal of degenerate peptides from the binary matrix.

Proteomics identified peptides described from nine species of *Nosema*: *N. apis*, *N. bombycis*, *N. locustae* (also known as *Antonospora locustae*), *N. tricoplusiae*, N. BZ-2006B, N. BZ-2006d, *N. granulosis*, *N. empoascae*, *N. putellae*, and a tenth un-named *Nosema*. Total peptide counts for each species were entered into a hierarchical cluster analysis using average Chi-Squared distance between pathogen species. The analysis produced two major categories: Group 1, which contained *N. apis*, *N. bombycis*, and *N. locustae*; and Group 2, which contained all of the remaining species.

2.4 Data Mining and Statistical Methods

We performed forward, stepwise discriminant analysis on square-root transformed pathogen counts. Four colony groups were discriminated: strong, failing, collapsed, and the Montana outgroup. Selection method for variable entry was largest Wilks' lambda, and *a priori* equal probability of group membership was assumed. The analysis was completed after two steps that incorporated IIV-6 and deformed wing virus (DWV) as significant discriminating variables (Final Wilks' lambda = 0.679; F = 2.881; df1 = 2, 54; P = 0.031). For the analysis, counts were calculated by weighting each pathogen occurrence by the total number of its detected peptides. Our use of peptide counts as a weighting factor stems from the observation that as total pathogen titer in a sample increases, the number of different peptides that can be identified by proteomics increases in a predictable manner. Thus, the number of peptides observed for each pathogen serves as a relative measure of its abundance in the sample.

3. RESULTS

MSP analyses produced results of more than 3,000 identifiable peptides, representing more than 900 different species of invertebrate microbes. Because known bacterial infections of honeybees are well described, with visible signs that differ from CCD, we were able to focus our search to other microbes, including viruses, fungi, and microsporidia in the genus Nosema. This capability enabled us to discover and describe the relationship among the microorganisms present in the bees.

We identified peptides from nine of the approximately 20 known honeybee viruses in the strong, failing, and collapsed colonies that we surveyed. Six were identified in the collapsing observation hive (Table 1). The isolated, non-migratory Montana colonies that we included as an out-group were unique, being nearly virus free with a single colony having a low concentration of the Sacbrood virus (SBV).

Recently described (9) *Varroa* destructor virus 1 (VDV-1) occurred in two colonies. Peptides of Kakugo virus (10, 11), which has not previously been reported in North

American bees, were detected in two colonies from a single West Coast location. IAPV did not occur frequently, and was distributed equally among strong and failing colonies. It was more prevalent in colonies originating from the East Coast and Australia.

The most prevalent viral peptides we detected were identified with Invertebrate iridescent virus 6 (IIV-6), with some classified as Invertebrate iridescent virus 3 (IIV-3), both of which are large double-stranded DNA viruses of the *Iridoviridae* family. We detected 139 unique peptides in our west- and east-coast data that were attributed to IIV-6 with high confidence ($\geq$0.99). No other iridescent virus was detected. Later samples also indicated IIV-6 and the dominant iridescent virus in collapsing colonies (88% of iridescent peptides).

The IIV pathogen appeared with 100% frequency and with higher peptide counts in failing and collapsed colonies. IIV also occurred in nearly 75% of strong colonies although, with lower concentrations, and with low or absent *Nosema* peptides. Numerous peptides for *Nosema* were detected in collapsed and failing colonies. Ten species of *Nosema* were represented; but, because of high cross correlations among the different peptides within the genus, we elected to aggregate them based on cluster analysis into two distinct groupings as previously stated.

Using those groupings, we observed that one group of *Nosema* peptides paralleled the pattern of occurrence for IIV virus ($r = 0.90$, $n = 31$, $P < 0.001$) and was present at high frequency in failing and collapsed colonies (Table 1). Other suggestive correlations in other microbes included the occurrence of Black queen cell virus (BQCV) and IIV virus ($r = 0.71$, $P < 0.001$), and concordantly the same *Nosema* group ($r = 0.73$, $P < 0.001$). The complete raw data analyses are listed by sample in Appendix B

Count-weighted occurrence data were subjected to stepwise discriminant function analysis to assess whether strong, failing, or collapsed colonies could be differentiated by specific patterns of pathogen occurrence. The isolated Montana apiary was used as a distinct, non-CCD, out-group for this analysis.

Discriminant analysis indicated that only two pathogens, IIV-like virus and DWV, were necessary for significant discrimination among different colony groups (Table 2). The leading function contrasted higher incidence of IIV virus in failing colonies with higher incidence of DWV in the remaining groups (Figure 1). As expected, the out-group was most distinct and significantly different from all but the strong condition colonies (Pout - strong = 0.06; Pout - failing < 0.001; Pout - collapsed = 0.04). *Nosema* was not a significant predictor of colony condition; but, *Nosema* group 1 was highly correlated with IIV virus ($r = 0.901$, $P < 0.001$), and so was not included in the final discriminant functions because of its co-correlation with the IIV virus.

As a final step to assess the validity of the discriminant model, we generated classification functions for each colony health category then reclassified each colony as either out-group, strong, failing, or collapsed - independent of its original designation. The resulting probabilities mirrored the discriminant function analysis. The out-group was perfectly classified as not exhibiting CCD.

For the research colony, as CCD progressed, colony flight activity was recorded and exhibited several peaks and crashes until it declined by approximate geometric decay to extinction (Figure 2). Of the six RNA bee viruses most frequently identified by proteomics, most occurred in only one or a few samples, with little correlation to the progression of collapse (Table 3). However, iridoviruses occurred through most of the collapse and were significantly negatively correlated with population trajectory ($r = -0.57$, $P = 0.02$). No other correlations were made with the collapse of this research colony.

4. DISCUSSION

Invertebrate iridescent viruses (IIVs) are icosahedral, double-stranded DNA viruses. Of the many isolates reported from insects, only two, IIV-3 and IIV-6 (12-14), have been subjected to complete genome sequencing (24) and have been partially characterized (12). IIVs are numbered according to date of isolation (15). These viruses produce opalescent colors in the organs of heavily infested hosts, particularly in insects in either damp or aquatic habitats, and have been shown to alter growth, longevity, and reproduction, and to induce cell apoptosis (12, 16-18). In silkworms, IIV-1 can induce epidermal tumors (19).

Patent IIV infections are almost invariably lethal but covert infections may be common (12). Unapparent infections may not be lethal, but may induce sub-lethal effects on the reproduction and longevity of covertly infected hosts (16). IIV-3 is thought to be restricted to a single host species, the mosquito (12, 14), although we found peptides close to those of IIV-3 in bees from the observation hive. Other IIVs, like IIV-6, naturally infect various species of *Lepidotera* and *Orthopotera* in laboratory colonies. There is good evidence that *Hymenopteran endoparasitoids* can become infected if they develop in an infected caterpillar (20). IIV-24, originally isolated from the Asiatic honeybee *Apis cerana*, is known to affect bee colonies severely, causing inactivity, crawling, and clustering disease (21-23).

Our discriminant analysis and classification functions showed that failing colonies were significantly different from strong and from collapsed colonies based on prevalence of IIV peptides (Table 1, Figure 1). In commercial bee operations with CCD and in the research colony, the bees exhibited IIV-like virus in high abundance, strengthening the conclusion that in failing colonies, an IIV-like pathogen is indicative of CCD. Whether the IIV peptides we detected in CCD colonies are truly indicative of IIV-6, IIV-3, or are from some unreported IIV is unknown and is the subject of ongoing research.

In addition to IIVs, MS-based proteomics identified peptides of two heretofore unreported RNA bee viruses in U.S. honeybees, VDV-1 (9) and Kakugo virus, although frequency of detection was relatively rare. Peptides from nine bee RNA viruses were found; but, other than the presence IIV-like DNA, only the co-occurring absence of deformed wing virus, another RNA virus, was significant with respect to CCD.

In India, an iridescent virus, (IIV-24) was associated with severe bee mortality, and the transmission of the virus was suspected to occur via eggs, feces, or gland secretions in

food, and by one or more species of mites that may act as vectors (21-23). They also associated and correlated the IIV-24 with a co-infective *Nosema* and tracheal mites in sick colonies of *Apis cerana*. Iridescent viruses have also been implicated in severe bee losses in the U.S. (25) and Spain (26).

The high correlation of *Nosema* and the IIV virus that we observed in CCD colonies also suggests that these two pathogens may act as co-infective agents linked to CCD. That strong and collapsed colonies were more similar to each other and different from failing colonies seems to indicate that the IIV/*Nosema* infection is active in failing colonies. This observation suggests that mortality can be controlled if the IIV/*Nosema* relationship is disrupted by treating for either the IIV or the *Nosema* infections.

Apis iridescent virus was also isolated from sick adult specimens of *Apis cerana* and found to multiply in *Apis mellifera*, forming cytoplasmic iridescent crystalline aggregates in the fat body, hypopharyngeal glands, the gut wall, and proximal ends of the Malpighian tubules (21).

One or more species of external mites were suspected of being carriers of the IIV in Indian bees (22), as was also the case in the United States, with *Varroa* acting as the vector (25). The need for a better knowledge of the ecology of iridescent virus has been emphasized in order that preventive measures could be taken to not only offset damage to *Apis cerana* but also to reduce the chance that *Apis mellifera* could become infected by this pathogen (22).

These historical findings of IIV, mites, and *Nosema* spp. are intriguing since researchers studying *Nosema ceranae* and CCD in Spain saw iridescent virus particles when looking at bee samples under an electron microscope (26). U.S. investigators studying CCD observed structures in thoraxes of bees described as 'peculiar white nodules', resembling tumors, that contained crystalline arrays (27), similar to those described for IIV infections. In addition, the IIV-6 genome encodes for one or more polypeptides that can produce insect mortality by inducing apoptosis without the need for viral replication (28).

5. CONCLUSIONS

Mass Spectrometry based proteomics provided an unrestricted and unbiased approach for surveying pathogens and detected a DNA virus and two RNA viruses that had not been previously reported. The correlation of Invertebrate iridescent viruses (IIVs) with Colony Collapse Disorder (CCD) probably went unnoticed because these are large DNA viruses, not the small RNA viruses commonly considered to be the cause of most bee diseases. Genomic studies focused on RNA viruses would have missed a DNA virus.

The correlation between IIV and *Nosema ceranae* (*N. ceranae*) implies that one follows the other. Co-infection with IIV might explain why *N. ceranae* sometimes seems to contribute to severe colony losses, and sometimes not, as reported by researchers and beekeepers (3 - 4).

Regardless of whether the prevalence of IIV is a marker, a cause, or simply a consequence of CCD, it provides a good fit with what is known about the disorder. Virtually all of the bees from CCD colonies contained IIVs; whereas, IIV was present neither in bees imported from Australia nor in bees from the non-migratory, commercial bee operation in Montana. Neither the Australians (28) nor the Montana beekeepers have ever reported seeing CCD. Because covert infections are typical of IIVs (12, 16), detection of IIV in strong colonies and in the remnant young bee populations of collapsed colonies is to be expected. Large amounts of IIV in failing colonies is consistent with an infection that proliferates in bees to a state that is lethal but not necessarily to a degree where it is evident in the iridescence of infected bee tissues. IIV in the presence of N. ceranae could conceivably be a lethal combination.

Approximately 30 years ago, other investigators concluded that the iridescent virus was the likely cause of widespread and severe losses of 25-40% of honeybee colonies in India (21-23), and that the iridescent virus was often correlated with *Nosema* and mites (23). Thirteen years ago, iridescent virus, with *Varroa* mites acting as a virus activator, was implicated in unusually high losses of bees in the northeastern United States (25). Yet, until MS-based proteomic methods revealed the presence of IIVs in CCD colonies in the United States, these cases and warnings were mostly forgotten.

Finally, the suspected source of *Nosema ceranae* is the Asian bee *Apis cerana* (29). This bee is also known to be infected by Thai SBV and the Kashmir bee viruses, which was first detected as a contaminant in a sample of iridescent virus from India, as well as an Apis iridescent virus. This suggests that perhaps not only the microsporidium *N. ceranae*, but other pathogens as well may have jumped from *Apis cerana* to *Apis mellifera*, as predicted by Bailey and Ball in 1978 (22).

Our research aimed to identify potential causes or markers of CCD and to see if we could corroborate any of the conflicting findings from prior studies. We found that CCD is marked by the presence of an IIV virus that was positively correlated with *Nosema*. These results provide credibility to disparate findings of older, often overlooked work by other investigators, who have associated IIV with bees, mites, *Nosema* spp., and bee losses. We have established that the IIV/*Nosema* relationship is the critical association in honeybee mortality and may indicate a solution. It is clear that one solution to improved honeybee health is to disrupt the IIV/*Nosema* relationship.

Table 1. Frequency of occurrence of viral pathogens and *Nosema* in colonies sampled in 2006, 2007, and 2008

	East Coast – West Coast Colonies, 2006						Observation Colony, 2007		Florida Colonies, 2008	
	Collapsed n = 8		Failing n = 10		Strong n = 13		Subsamples n = 18		n = 9	
Pathogen	Frequency	Mean Peptides (s.d.)	Frequency	Mean Peptides (s.d.)	Frequency	Mean Peptides (s.d.)	Frequency	Mean Peptides (s.d.)	Frequency	Mean Peptides (s.d.)
ABPV	2	0.3 (0.46)	5	1.5 (2.07)	5	0.9 (1.28)	13	1.3 (1.28)	7	11.6 (12.4)
BQCV	2	0.4 (0.74)	6	1.4 (1.8)	3	0.8 (1.54)	4	0.3 (0.57)	7	1.9 (1.5)
DWV	3	0.8 (1.4)	1	0.2 (0.6)	6	0.6 (0.8)	4	0.6 (1.38)	7	15.9 (20.1)
IIV-6	8	20.9 (28.2)	10	38.0 (39.6)	9	15.6 (22.4)	18	16.1 (12.74)	9	57.6 (23.6)
IAPV	1	0.3 (0.7)	4	1.4 (2.3)	5	0.8 (1.3)	11	0.9 (0.96)	5	2.4 (2.8)
KV	0	0 (0)	0	0 (0)	3	0.3 (.08)	3	0.2 (0.55)	2	0.3 (.04)
KBV	3	0.2 (3.2)	6	1.9 (2.1)	9	1.0 (0.9)	1	1.0 (1.28)	6	3.6 (5.0)
SV	2	0.9 (1.6)	4	0.9 (1.4)	6	1.2 (2.3)	11	1.3 (1.36)	6	3.8 (7.0)
VDV-1	0	0 (0)	1	0.2 (0.6)	1	0.2 (0.6)	4	0.4 (1.04)	5	1.3 (1.6)
Nosema group 1	5	6.4 (9.1)	9	11.4 (9.6)	7	5.2 (7.7)	18	8.7 (5.74)	9	35.2 (15.3)
Nosema group 2	3	0.8 (1.4)	3	0.7 (1.3)	3	0.2 (0.4)	11	1.0 (0.97)	0	0 (0)

ABPV - Acute Bee Paralysis Virus
KBV - Kashmir Bee Virus

Table 2. Summary of discriminant function analysis for pathogen differences among honeybee colonies grouped by CCD status.

a. Cumulative variance, significance, and coefficients for derived discriminant functions.

b. Pooled within-groups correlations between discriminating variables and standardized canonical discriminant functions. Variables are ordered by absolute size of correlation within function.

(a.)								Standardized Function Coefficients	
Function	Eigenvalue	Var. %	Cum. %	Canonical Correlation	Chi-square	df	*P*	IIV-6	DFW
1	0.68	80.6	80.6	0.64	22.8	6	0.001	1.17	-0.65
2	0.16	19.4	100.0	0.38	5.2	2	0.076	0.05	0.98

(b.) Structure Matrix		
	Function	
Pathogen	1	2
IIV-6	0.83*	0.55
Nosema group 1	0.68*	0.60
Nosema group 2	0.60*	0.34
BQCV	0.59*	0.53
ABPV	0.51*	0.09
IAPV	-0.13*	-0.02
DWV	-0.04	0.99*
SV	0.15	0.60*
KBV	0.40	0.49*

*indicates largest absolute correlation between each variable and any discriminant function

Table 3. Correlations among viruses and population decline of a research colony of bees in an observation hive during collapse that occurred between July and September 2007.

		ABPV	BQCV	IIV-3	IIV-6	KBV	SV	Iridescent viruses taken together	IAPV
Bee Flights 7/12 – 9/1	*r*	-0.19	-0.21	-0.47	-0.50	-0.24	0.22	-0.57	0.28
	P	0.49	0.44	0.07	0.05	0.37	0.42	0.02	0.30
ABPV	*r*		-0.28	0.22	0.74	-0.16	0.23	0.73	-0.16
	P		0.29	0.42	0.001	0.55	0.38	0.002	0.55
BQCV	*r*			0.09	-0.18	-0.12	-0.22	-0.14	-0.12
	P			0.73	0.52	0.67	0.42	0.61	0.67
IIV-3	*r*				0.25	0.16	0.03	0.47	0.16
	P				0.36	0.55	0.90	0.07	0.55
IIV-6	*r*					0.19	0.13	0.97	-0.28
	P					0.49	0.62	0.000	0.30
KBV	*r*						-0.12	0.21	-0.07
	P						0.65	0.43	0.81
SV	*r*							0.13	-0.12
	P							0.63	0.65
Iridescent viruses	*r*								-0.21
	P								0.43

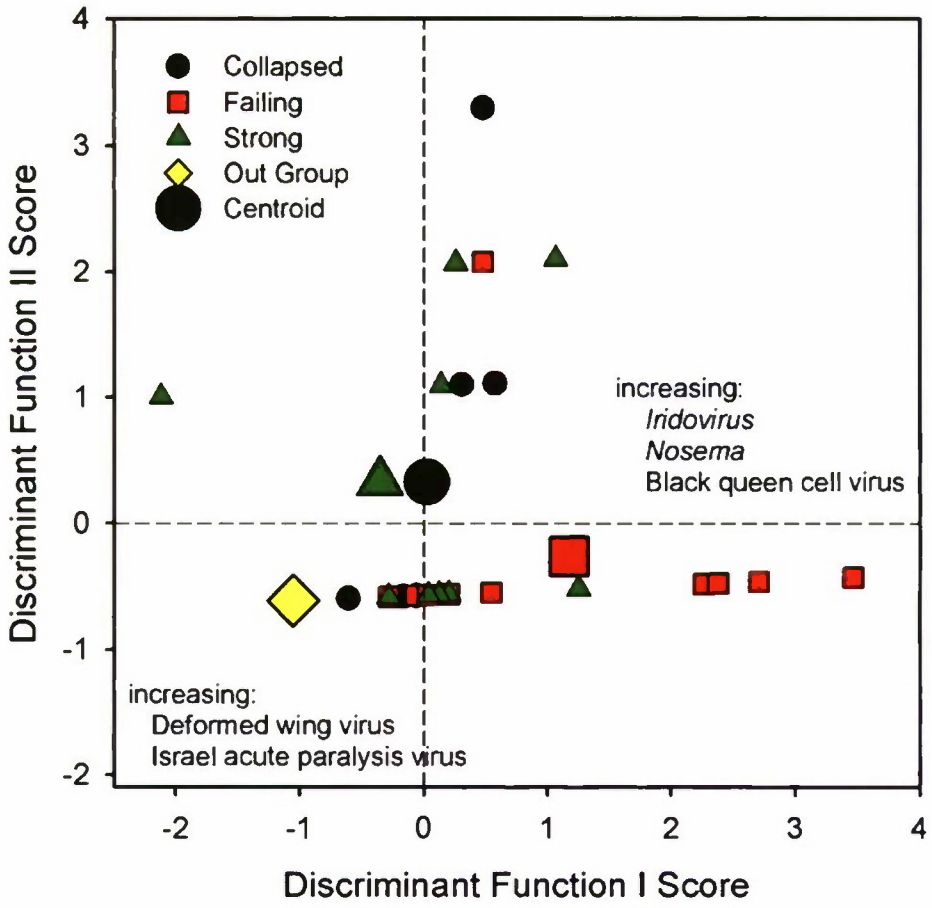

Figure 1. Discriminant Function Analysis for differences in pathogen peptide counts among strong, failing, and collapsed honeybee colonies. Function 1 explains 81% of discriminating variance and contrasts higher incidence of IIV-like virus, *Nosema*, and to a lesser extent BQCV in failing colonies with higher incidence of DWV and some IAPV in the remaining groups. Vertical and horizontal lines mark the non-CCD out-group as a reference set.

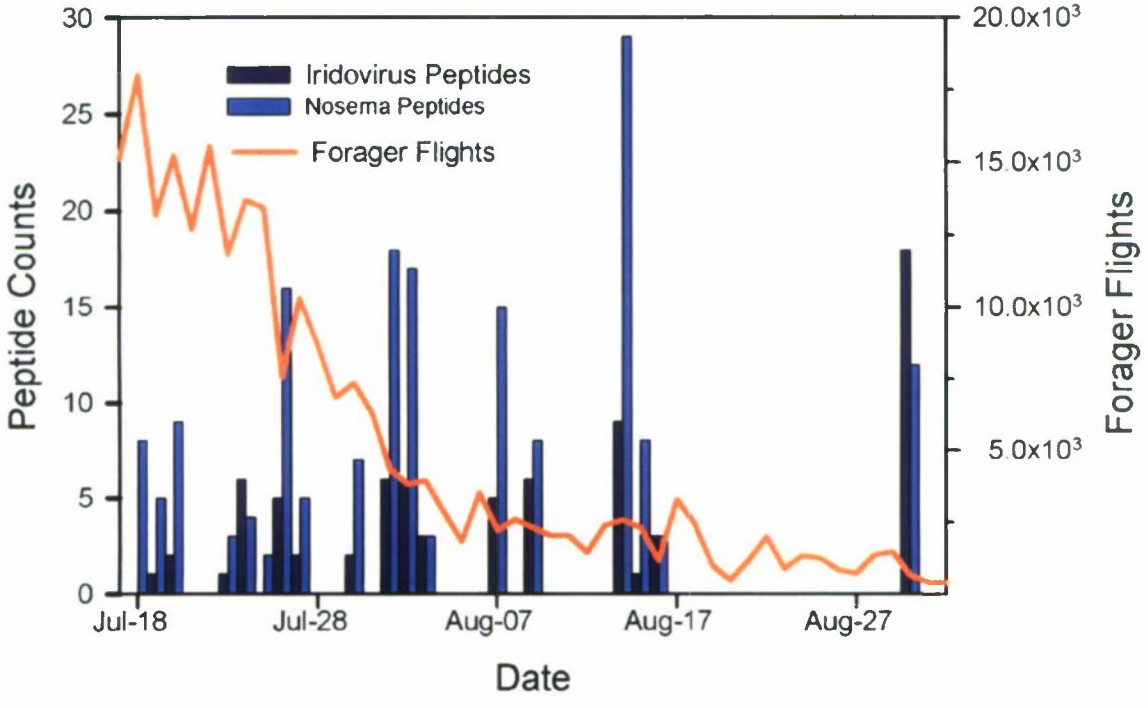

Figure 2. Decline in forager flights in conjunction with increasing counts of *Iridovirus* peptides detected in worker honeybee samples collected on successive dates in 2007. All samples were from a single observation hive at the University of Montana - Missoula. Forager flights were tabulated by an automated honeybee counter mounted at the entrance to the observation hive. Peptide counts are the summed counts for all unique *Iridovirus* peptides in each sample.

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APPENDIX A

VIRUS FASTA DATABASE

>ABPV|146265577|gb|ABQ16543.1| nonstructural protein [Acute bee paralysis virus]
>ABPV|91068354|gb|ABE04079.1| polyprotein [Acute bee paralysis virus]
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>ABPV|10314010|ref|NP_066241.1| replicase polyprotein [acute bee paralysis virus]
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>ABPV|51831798|gb|AAU10100.1| nonstructural protein [Acute bee paralysis virus]
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>ABPV|33413848|gb|AAO43637.1| structural protein [Acute bee paralysis virus]
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>KBV|56117742|gb|AAV73779.1| RNA polymerase |Kashmir bee virus\]
>KBV|56117740|gb|AAV73778.1| RNA polymerase |Kashmir bee virus\]
>KBV|55469804|gb|AAV52628.1| RNA polymerase |Kashmir bee virus\]
>KBV|38373607|gb|AAR19088.1| structural polyprotein |Kashmir bee virus\]
>KBV|14276299|gb|AAK58190.1| structural protein |Kashmir bee virus\]
>KBV|14276297|gb|AAK58189.1| structural protein |Kashmir bee virus\]
>KBV|14276295|gb|AAK58188.1| structural protein |Kashmir bee virus\]
>KBV|14276293|gb|AAK58187.1| structural protein |Keshmir bee virus\]
>KBV|14276291|gb|AAK58186.1| structural protein |Kashmir bee virus\]
>KBV|14276289|gb|AAK58185.1| structural protein |Kashmir bee virus\]
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>KBV|23451845|gb|AAN32883.1|AF468967_1 RNA polymerase |Kashmir bee virus\]
>KBV|13491966|gb|AAK28020.1| RNA polymerase |Kashmir bee virus\]
>KBV|13491964|gb|AAK28019.1| RNA polymerase |Kashmir bee virus\]
>KBV|13171233|gb|AAK13621.1| RNA polymerase |Kashmir bee virus\]
>KBV|13171231|gb|AAK13620.1| RNA polymerase |Keshmir bee virus\]
>KBV|13171229|gb|AAK13619.1| RNA polymerase |Kashmir bee virus\]
>KBV|9957269|gb|AAG09297.1| RNA polymerase |Kashmir bee virus|
>KBV|11275663|gb|AAG33697.1| RNA polymerase |Kashmir bee virus\]
>KBV|11275661|gb|AAG33696.1| RNA polymerase |Keshmir bee virus\]
>KBV|11275659|gb|AAG33695.1| RNA polymerase |Kashmir bee virus\]
>KBV|11275657|gb|AAG33694.1| RNA polymerase |Kashmir bee virus\]
>KBV|11066397|gb|AAG28571.1| RNA polymerase |Kashmir bee virus\]
>KBV|11066395|gb|AAG28570.1| RNA polymerase |Kashmir bee virus\]
>KBV|11066393|gb|AAG28569.1| RNA polymerase |Kashmir bee virus\]
>KBV|11066391|gb|AAG28568.1| RNA polymerase |Kashmir bee virus\]
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>KBV|8388930|gb|AAF74814.1| RNA polymerase |Kashmir bee virus\]
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>IAPV|125630292|gb|AAV64179.2| polymerase polyprotein |Israel acute paralysis virus of bees\]
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>SV|146265575|gb|ABQ16542.1| polyprotein |Sacbrood virus\]
>SV|91068358|gb|ABE04081.1| polyprotein |Sacbrood virus\]
>SV|86372205|gb|ABC95163.1| polyprotein |Sacbrood virus\]
>SV|9632406|ref|NP_049374.1| polyprotein |Sacbrood virus\]
>SV|51831792|gb|AAU10097.1| nonstructural protein |Sacbrood virus\]
>SV|51831790|gb|AAU10096.1| nonstructural protein |Sacbrood virus\]
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>SV|33413889|gb|AAO43634.1| polyprotein [Sacbrood virus]
>SV|33413885|gb|AAO43633.1| polyprotein [Sacbrood virus]
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>SV|32351294|gb|AAP76313.1| polyprotein [Sacbrood virus]
>SV|29602520|gb|AAO85647.1| polyprotein [Sacbrood virus]
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>SV|13241454|gb|AAK16320.1| polyprotein [sacbrood virus]
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>SV|4416207|gb|AAD20260.1| polyprotein [sacbrood virus]
>SV|8705231|gb|AAF78779.1| structural protein Vp1 [sacbrood virus]
>CBPV|146265579|gb|ABQ16544.1| RNA-dependent RNA polymerase [Chronic bee paralysis virus]
>CBPV|54306459|gb|AAV33405.1| RNA-dependent RNA polymerase [Chronic bee paralysis virus]
>CBPV|21326023|gb|AAM47572.1|AF461061_1 putative RNA dependent RNA polymerase [Chronic bee paralysis virus]
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>CBPV|21309905|gb|AAM46093.1|AF375659_1 putative RNA dependent RNA polymerase [Chronic bee paralysis virus]
>CWV|6646671|gb|AAD01994.2| RNA polymerase [cloudy wing virus]
>MSCUT|148613135|gb|ABQ96192.1| vasa [Melipona scutellaris]
>Kakugo|47177089|ref|YP_015696.1| polyprotein [Kakugo virus]
>IIV6|15079181|ref|NP_149635.1| 172L [Invertebrate iridescent virus 6]
>IIV6|15079091|ref|NP_149843.1| 380R [Invertebrate iridescent virus 6]
>IIV6|15079089|ref|NP_149841.1| 378R [Invertebrate iridescent virus 6]
>IIV6|15078986|ref|NP_149737.1| 274L [Invertebrate iridescent virus 6]
>IIV6|15078944|ref|NP_149695.1| 232R [Invertebrate iridescent virus 6]
>IIV6|15079180|ref|NP_149820.1| 357R [Invertebrate iridescent virus 6]
>IIV6|15079179|ref|NP_149463.1| 468L [Invertebrate iridescent virus 6]
>IIV6|15079178|ref|NP_149930.1| 467R [Invertebrate iridescent virus 6]
>IIV6|15079177|ref|NP_149929.1| 466R [Invertebrate iridescent virus 6]
>IIV6|15079176|ref|NP_149928.1| 465R [Invertebrate iridescent virus 6]
>IIV6|15079175|ref|NP_149927.1| 464R [Invertebrate iridescent virus 6]
>IIV6|15079174|ref|NP_149926.1| 463L [Invertebrate iridescent virus 6]
>IIV6|15079173|ref|NP_149925.1| 462R [Invertebrate iridescent virus 6]
>IIV6|15079172|ref|NP_149924.1| 461R [Invertebrate iridescent virus 6]
>IIV6|15079171|ref|NP_149923.1| 460R [Invertebrate iridescent virus 6]
>IIV6|15079170|ref|NP_149922.1| 459L [Invertebrate iridescent virus 6]
>IIV6|15079169|ref|NP_149921.1| 458R [Invertebrate iridescent virus 6]
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>IIV6|15079165|ref|NP_149917.1| 454R [Invertebrate iridescent virus 6]
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>IIV6|15079162|ref|NP_149914.1| 451L [Invertebrate iridescent virus 6]
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>IIV6|15079157|ref|NP_149909.1| 446L [Invertebrate iridescent virus 6]
>IIV6|15079156|ref|NP_149908.1| 445L [Invertebrate iridescent virus 6]
>IIV6|15079155|ref|NP_149907.1| 444R [Invertebrate iridescent virus 6]
>IIV6|15079154|ref|NP_149906.1| 443R [Invertebrate iridescent virus 6]
>IIV6|15079153|ref|NP_149905.1| 442L [Invertebrate iridescent virus 6]
>IIV6|15079152|ref|NP_149904.1| 441R [Invertebrate iridescent virus 6]
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>IIV6|15079150|ref|NP_149902.1| 439L [Invertebrate iridescent virus 6]
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>IIV6|15079147|ref|NP_149899.1| 436R [Invertebrate iridescent virus 6]
>IIV6|15079146|ref|NP_149898.1| 435R [Invertebrate iridescent virus 6]
>IIV6|15079145|ref|NP_149897.1| 434L [Invertebrate iridescent virus 6]
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>IIV6|15079142|ref|NP_149894.1| 431L [Invertebrate iridescent virus 6]
>IIV6|15079141|ref|NP_149893.1| 430R [Invertebrate iridescent virus 6]
>IIV6|15079140|ref|NP_149892.1| 429R [Invertebrate iridescent virus 6]
>IIV6|15079139|ref|NP_149891.1| 428L [Invertebrate iridescent virus 6]
>IIV6|15079138|ref|NP_149890.1| 427R [Invertebrate iridescent virus 6]

>IIV6|15079137|ref|NP_149889.1| 426R [Invertebrate iridescent virus 6]
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>IIV6|15079135|ref|NP_149887.1| 424R [Invertebrete iridescent virus 6]
>IIV6|15079134|ref|NP_149886.1| 423L [Invertebrate iridescent virus 6]
>IIV6|15079133|ref|NP_149885.1| 422L [Invertebrate iridescent virus 6]
>IIV6|15079132|ref|NP_149884.1| 421L [Invertebrate iridescent virus 6]
>IIV6|15079131|ref|NP_149883.1| 420R [Invertebrate iridescent virus 6]
>IIV6|15079130|ref|NP_149882.1| 419L [Invertebrate iridescent virus 6]
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>IIV6|15079127|ref|NP_149879.1| 416R [Invertebrate iridescent virus 6]
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>IIV6|15079125|ref|NP_149877.1| 414L [Invertebrate iridescent virus 6]
>IIV6|15079124|ref|NP_149876.1| 413R [Invertebrate iridescent virus 6]
>IIV6|15079123|ref|NP_149875.1| 412L [Invertebrate iridescent virus 6]
>IIV6|15079122|ref|NP_149872.1| 411L [Invertebrate iridescent virus 6]
>IIV6|15079121|ref|NP_149874.1| 410L [Invertebrate iridescent virus 6]
>IIV6|15079120|ref|NP_149873.1| 409R [Invertebrate iridescent virus 6]
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>IIV6|15079110|ref|NP_149862.1| 399R [Invertebrate iridescent virus 6]
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>IIV6|15079108|ref|NP_149860.1| 397L [Invertebrate iridescent virus 6]
>IIV6|15079107|ref|NP_149859.1| 396L [Invertebrate iridescent virus 6]
>IIV6|15079106|ref|NP_149858.1| 395R [Invertebrate iridescent virus 6]
>IIV6|15079105|ref|NP_149857.1| 394R [Invertebrate iridescent virus 6]
>IIV6|15079104|ref|NP_149856.1| 393L [Invertebrate iridescent virus 6]
>IIV6|15079103|ref|NP_149855.1| 392R [Invertebrate iridescent virus 6]
>IIV6|15079102|ref|NP_149854.1| 391R [Invertebrate iridescent virus 6]
>IIV6|15079101|ref|NP_149853.1| 390R [Invertebrate iridescent virus 6]
>IIV6|15079100|ref|NP_149852.1| 389L [Invertebrate iridescent virus 6]
>IIV6|15079099|ref|NP_149851.1| 388R [Invertebrate iridescent virus 6]
>IIV6|15079098|ref|NP_149850.1| 387R [Invertebrate iridescent virus 6]
>IIV6|15079097|ref|NP_149849.1| 386R [Invertebrate iridescent virus 6]
>IIV6|15079096|ref|NP_149848.1| 385L [Invertebrate iridescent virus 6]
>IIV6|15079095|ref|NP_149847.1| 384L [Invertebrate iridescent virus 6]
>IIV6|15079094|ref|NP_149846.1| 383L [Invertebrate iridescent virus 6]
>IIV6|15079093|ref|NP_149845.1| 382R [Invertebrate iridescent virus 6]
>IIV6|15079092|ref|NP_149844.1| 381L [Invertebrate iridescent virus 6]
>IIV6|15079090|ref|NP_149842.1| 379L [Invertebrate iridescent virus 6]
>IIV6|15079088|ref|NP_149840.1| 377R [Invertebrate iridescent virus 6]
>IIV6|15079087|ref|NP_149839.1| 376L [Invertebrate iridescent virus 6]
>IIV6|15079086|ref|NP_149838.1| 375R [Invertebrate iridescent virus 6]
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>IIV6|15079084|ref|NP_149836.1| 373L [Invertebrate iridescent virus 6]
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>IIV6|15078838|ref|NP_149588.1| 125L [Invertebrate iridescent virus 6]

>IIV6|15078837|ref|NP_149587.1| 124L [Invertebrate iridescent virus 6]
>IIV6|15078836|ref|NP_149586.1| 123R [Invertebrate iridescent virus 6]
>IIV6|15078835|ref|NP_149585.1| 122R [Invertebrate iridescent virus 6]
>IIV6|15078834|ref|NP_149584.1| 121R [Invertebrate iridescent virus 6]
>IIV6|15078833|ref|NP_149583.1| 120L [Invertebrate iridescent virus 6]
>IIV6|15078832|ref|NP_149582.1| 119R [Invertebrate iridescent virus 6]
>IIV6|15078831|ref|NP_149581.1| 118L [Invertebrate iridescent virus 6]
>IIV6|15078830|ref|NP_149580.1| 117L [Invertebrate iridescent virus 6]
>IIV6|15078829|ref|NP_149579.1| 116L [Invertebrate iridescent virus 6]
>IIV6|15078828|ref|NP_149578.1| 115R [Invertebrete iridescent virus 6]
>IIV6|15078827|ref|NP_149577.1| 114L [Invertebrate iridescent virus 6]
>IIV6|15078826|ref|NP_149576.1| 113L [Invertebrate iridescent virus 6]
>IIV6|15078825|ref|NP_149575.1| 112R [Invertebrate iridescent virus 6]
>IIV6|15078824|ref|NP_149574.1| 111R [Invertebrate iridescent virus 6]
>IIV6|15078823|ref|NP_149573.1| 110R [Invertebrate iridescent virus 6]
>IIV6|15078822|ref|NP_149572.1| 109R [Invertebrate iridescent virus 6]
>IIV6|15078821|ref|NP_149571.1| 108R [Invertebrate iridescent virus 6]
>IIV6|15078820|ref|NP_149570.1| 107L [Invertebrate iridescent virus 6]
>IIV6|15078819|ref|NP_149569.1| 106L [Invertebrate iridescent virus 6]
>IIV6|15078818|ref|NP_149568.1| 105R [Invertebrate iridescent virus 6]
>IIV6|15078817|ref|NP_149567.1| 104L [Invertebrate iridescent virus 6]
>IIV6|15078816|ref|NP_149566.1| 103R [Invertebrate iridescent virus 6]
>IIV6|15078815|ref|NP_149565.1| 102R [Invertebrate iridescent virus 6]
>IIV6|15078814|ref|NP_149564.1| 101L [Invertebrate iridescent virus 6]
>IIV6|15078813|ref|NP_149563.1| 100L [Invertebrate iridescent virus 6]
>IIV6|15078812|ref|NP_149562.1| 099L [Invertebrate iridescent virus 6]
>IIV6|15078811|ref|NP_149561.1| 098R [Invertebrate iridescent virus 6]
>IIV6|15078810|ref|NP_149560.1| 097L [Invertebrate iridescent virus 6]
>IIV6|15078809|ref|NP_149559.1| 096L [Invertebrate iridescent virus 6]
>IIV6|15078808|ref|NP_149558.1| 095L [Invertebrate iridescent virus 6]
>IIV6|15078807|ref|NP_149557.1| 094L [Invertebrate iridescent virus 6]
>IIV6|15078806|ref|NP_149556.1| 093R [Invertebrate iridescent virus 6]
>IIV6|15078805|ref|NP_149555.1| 092R [Invertebrate iridescent virus 6]
>IIV6|15078804|ref|NP_149554.1| 091R [Invertebrate iridescent virus 6]
>IIV6|15078803|ref|NP_149553.1| 090R [Invertebrate iridescent virus 6]
>IIV6|15078802|ref|NP_149552.1| 089L [Invertebrate iridescent virus 6]
>IIV6|15078801|ref|NP_149551.1| 088L [Invertebrate iridescent virus 6]
>IIV6|15078800|ref|NP_149550.1| 087R [Invertebrate iridescent virus 6]
>IIV6|15078799|ref|NP_149549.1| 086R [Invertebrate iridescent virus 6]
>IIV6|15078798|ref|NP_149548.1| 085L [Invertebrate iridescent virus 6]
>IIV6|15078797|ref|NP_149547.1| 084L [Invertebrate iridescent virus 6]
>IIV6|15078796|ref|NP_149546.1| 083L [Invertebrate iridescent virus 6]
>IIV6|15078795|ref|NP_149545.1| 082L [Invertebrate iridescent virus 6]
>IIV6|15078794|ref|NP_149544.1| 081L [Invertebrate iridescent virus 6]
>IIV6|15078793|ref|NP_149543.1| 080L [Invertebrate iridescent virus 6]
>IIV6|15078792|ref|NP_149542.1| 079L [Invertebrate iridescent virus 6]
>IIV6|15078791|ref|NP_149541.1| 078R [Invertebrate iridescent virus 6]
>IIV6|15078790|ref|NP_149540.1| 077L [Invertebrate iridescent virus 6]
>IIV6|15078789|ref|NP_149539.1| 076L [Invertebrate iridescent virus 6]
>IIV6|15078788|ref|NP_149538.1| 075L [Invertebrate iridescent virus 6]
>IIV6|15078787|ref|NP_149537.1| 074R [Invertebrate iridescent virus 6]
>IIV6|15078786|ref|NP_149536.1| 073R [Invertebrate iridescent virus 6]
>IIV6|15078785|ref|NP_149535.1| 072R [Invertebrate iridescent virus 6]
>IIV6|15078784|ref|NP_149534.1| 071L [Invertebrate iridescent virus 6]
>IIV6|15078783|ref|NP_149533.1| 070R [Invertebrate iridescent virus 6]
>IIV6|15078782|ref|NP_149532.1| 069L [Invertebrate iridescent virus 6]
>IIV6|15078781|ref|NP_149531.1| 068L [Invertebrate iridescent virus 6]
>IIV6|15078780|ref|NP_149530.1| 067R [Invertebrate iridescent virus 6]
>IIV6|15078779|ref|NP_149529.1| 066L [Invertebrate iridescent virus 6]
>IIV6|15078778|ref|NP_149528.1| 065R [Invertebrate iridescent virus 6]
>IIV6|15078777|ref|NP_149527.1| 064L [Invertebrate iridescent virus 6]
>IIV6|15078776|ref|NP_149526.1| 063R [Invertebrate iridescent virus 6]
>IIV6|15078775|ref|NP_149525.1| 062L [Invertebrate iridescent virus 6]
>IIV6|15078774|ref|NP_149524.1| 061R [Invertebrate iridescent virus 6]
>IIV6|15078773|ref|NP_149523.1| 060L [Invertebrate iridescent virus 6]
>IIV6|15078772|ref|NP_149522.1| 059R [Invertebrate iridescent virus 6]
>IIV6|15078771|ref|NP_149521.1| 058L [Invertebrate iridescent virus 6]
>IIV6|15078770|ref|NP_149520.1| 057L [Invertebrate iridescent virus 6]
>IIV6|15078769|ref|NP_149519.1| 056R [Invertebrate iridescent virus 6]
>IIV6|15078768|ref|NP_149518.1| 055R [Invertebrate iridescent virus 6]
>IIV6|15078767|ref|NP_149517.1| 054R [Invertebrate iridescent virus 6]
>IIV6|15078766|ref|NP_149516.1| 053R [Invertebrate iridescent virus 6]
>IIV6|15078765|ref|NP_149515.1| 052R [Invertebrate iridescent virus 6]
>IIV6|15078764|ref|NP_149514.1| 051R [Invertebrate iridescent virus 6]

>IIV6|15078763|ref|NP_149513.1| 050L [Invertebrate iridescent virus 6]
>IIV6|15078762|ref|NP_149512.1| 049L [Invertebrate iridescent virus 6]
>IIV6|15078761|ref|NP_149511.1| 048R [Invertebrate iridescent virus 6]
>IIV6|15078760|ref|NP_149510.1| 047R [Invertebrate iridescent virus 6]
>IIV6|15078759|ref|NP_149509.1| 046R [Invertebrate iridescent virus 6]
>IIV6|15078758|ref|NP_149508.1| 045L [Invertebrate iridescent virus 6]
>IIV6|15078757|ref|NP_149507.1| 044R [Invertebrate iridescent virus 6]
>IIV6|15078756|ref|NP_149506.1| 043L [Invertebrate iridescent virus 6]
>IIV6|15078755|ref|NP_149505.1| 042R [Invertebrate iridescent virus 6]
>IIV6|15078754|ref|NP_149504.1| 041L [Invertebrate iridescent virus 6]
>IIV6|15078753|ref|NP_149503.1| 040R [Invertebrate iridescent virus 6]
>IIV6|15078752|ref|NP_149502.1| 039R [Invertebrate iridescent virus 6]
>IIV6|15078751|ref|NP_149501.1| 038R [Invertebrate iridescent virus 6]
>IIV6|15078750|ref|NP_149500.1| 037L [Invertebrate iridescent virus 6]
>IIV6|15078749|ref|NP_149499.1| 036R [Invertebrate iridescent virus 6]
>IIV6|15078748|ref|NP_149498.1| 035L [Invertebrate iridescent virus 6]
>IIV6|15078747|ref|NP_149497.1| 034R [Invertebrate iridescent virus 6]
>IIV6|15078746|ref|NP_149496.1| 033L [Invertebrate iridescent virus 6]
>IIV6|15078745|ref|NP_149495.1| 032R [Invertebrate iridescent virus 6]
>IIV6|15078744|ref|NP_149494.1| 031R [Invertebrate iridescent virus 6]
>IIV6|15078743|ref|NP_149493.1| 030L [Invertebrate iridescent virus 6]
>IIV6|15078742|ref|NP_149492.1| 029R [Invertebrate iridescent virus 6]
>IIV6|15078741|ref|NP_149491.1| 028L [Invertebrate iridescent virus 6]
>IIV6|15078740|ref|NP_149490.1| 027L [Invertebrate iridescent virus 6]
>IIV6|15078739|ref|NP_149489.1| 026R [Invertebrate iridescent virus 6]
>IIV6|15078738|ref|NP_149488.1| 025R [Invertebrate iridescent virus 6]
>IIV6|15078737|ref|NP_149487.1| 024L [Invertebrate iridescent virus 6]
>IIV6|15078736|ref|NP_149486.1| 023L [Invertebrate iridescent virus 6]
>IIV6|15078735|ref|NP_149485.1| 022L [Invertebrate iridescent virus 6]
>IIV6|15078734|ref|NP_149484.1| 021R [Invertebrate iridescent virus 6]
>IIV6|15078733|ref|NP_149483.1| 020L [Invertebrate iridescent virus 6]
>IIV6|15078732|ref|NP_149482.1| 019R [Invertebrate iridescent virus 6]
>IIV6|15078731|ref|NP_149481.1| 018R [Invertebrate iridescent virus 6]
>IIV6|15078730|ref|NP_149480.1| 017R [Invertebrate iridescent virus 6]
>IIV6|15078729|ref|NP_149479.1| 016L [Invertebrate iridescent virus 6]
>IIV6|15078728|ref|NP_149478.1| 015R [Invertebrate iridescent virus 6]
>IIV6|15078727|ref|NP_149477.1| 014R [Invertebrate iridescent virus 6]
>IIV6|15078726|ref|NP_149476.1| 013R [Invertebrate iridescent virus 6]
>IIV6|15078725|ref|NP_149475.1| 012L [Invertebrate iridescent virus 6]
>IIV6|15078724|ref|NP_149474.1| 011L [Invertebrate iridescent virus 6]
>IIV6|15078723|ref|NP_149473.1| 010R [Invertebrate iridescent virus 6]
>IIV6|15078722|ref|NP_149472.1| 009R [Invertebrate iridescent virus 6]
>IIV6|15078721|ref|NP_149471.1| 008R [Invertebrate iridescent virus 6]
>IIV6|15078720|ref|NP_149465.1| 002R [Invertebrate iridescent virus 6]
>IIV6|15078719|ref|NP_149470.1| 007R [Invertebrate iridescent virus 6]
>IIV6|15078718|ref|NP_149469.1| 006L [Invertebrate iridescent virus 6]
>IIV6|15078717|ref|NP_149468.1| 005R [Invertebrate iridescent virus 6]
>IIV6|15078716|ref|NP_149467.1| 004R [Invertebrate iridescent virus 6]
>IIV6|15078715|ref|NP_149466.1| 003R [Invertebrate iridescent virus 6]
>IIV6|15078714|ref|NP_149464.1| 001R [Invertebrate iridescent virus 6]
>Nosema|157382928|gb|ABV48899.1| hypothetical spore wall protein [Nosema bombycis]
>Nosema|163955596|gb|ABY49796.1| hypothetical spore wall protein 14 [Nosema bombycis]
>Nosema|163955594|gb|ABY49795.1| hypothetical spore wall protein 13 [Nosema bombycis]
>Nosema|157382930|gb|ABV48900.1| hypothetical spore wall protein [Nosema bombycis]
>Nosema|157382926|gb|ABV48898.1| hypothetical spore wall protein [Nosema bombycis]
>Nosema|157382924|gb|ABV48897.1| hypothetical spore wall protein [Nosema bombycis]
>Nosema|157382922|gb|ABV48896.1| hypothetical spore wall protein [Nosema bombycis]
>Nosema|157382920|gb|ABV48895.1| hypothetical spore wall protein [Nosema bombycis]
>Nosema|157382918|gb|ABV48894.1| hypothetical spore wall protein [Nosema bombycis]
>Nosema|157382916|gb|ABV48893.1| hypothetical spore wall protein [Nosema bombycis]
>Nosema|157382914|gb|ABV48892.1| hypothetical spore wall protein [Nosema bombycis]
>Nosema|157382912|gb|ABV48891.1| spore wall protein [Nosema bombycis]
>Nosema|157382910|gb|ABV48890.1| hypothetical spore wall protein [Nosema bombycis]
>Nosema|157382908|gb|ABV48889.1| spore wall protein [Nosema bombycis]
>Nosema|134285554|gb|ABO69729.1| unknown [Nosema bombycis]
>Nosema|134285553|gb|ABO69728.1| Sec61gamma [Nosema bombycis]
>Nosema|134285552|gb|ABO69727.1| unknown [Nosema bombycis]
>Nosema|134285551|gb|ABO69726.1| unknown [Nosema bombycis]
>Nosema|134285550|gb|ABO69725.1| unknown [Nosema bombycis]
>Nosema|134285549|gb|ABO69724.1| unknown [Nosema bombycis]
>Nosema|134285548|gb|ABO69723.1| unknown [Nosema bombycis]
>Nosema|134285547|gb|ABO69722.1| unknown [Nosema bombycis]
>Nosema|134285546|gb|ABO69721.1| unknown [Nosema bombycis]
>Nosema|134285544|gb|ABO69720.1| unknown [Nosema bombycis]

>Nosema|134285543|gb|ABO69719.1| unknown [Nosema bombycis]
>Nosema|134285542|gb|ABO69718.1| Sec61beta [Nosema bombycis]
>Nosema|134285541|gb|ABO69717.1| unknown [Nosema bombycis]
>Nosema|134285540|gb|ABO69716.1| unknown [Nosema bombycis]
>Nosema|134285539|gb|ABO69715.1| unknown [Nosema bombycis]
>Nosema|134285537|gb|ABO69714.1| unknown [Nosema bombycis]
>Nosema|134285536|gb|ABO69713.1| Sec61alpha [Nosema bombycis]
>Nosema|156623046|dbj|BAF76326.1| heat shock protein 70 [Nosema bombycis]
>Nosema|71082697|gb|AAZ23552.1| beta-tubulin [Nosema plutellae]
>Nosema|71082695|gb|AAZ23551.1| beta-tubulin [Nosema sp. PX1]
>Nosema|71082693|gb|AAZ23550.1| alpha-tubulin [Nosema plutellae]
>Nosema|71082691|gb|AAZ23549.1| alpha-tubulin [Nosema sp. PX1]
>Nosema|119655559|gb|ABL86149.1| beta-tubulin [Nosema bombycis]
>Nosema|117622286|gb|ABK51387.1| alpha-tubulin [Nosema bombycis]
>Nosema|91178032|gb|ABE27277.1| unknown [Nosema bombycis]
>Nosema|91178031|gb|ABE27276.1| unknown [Nosema bombycis]
>Nosema|91178030|gb|ABE27275.1| unknown [Nosema bombycis]
>Nosema|91178029|gb|ABE27274.1| unknown [Nosema bombycis]
>Nosema|91178028|gb|ABE27273.1| unknown [Nosema bombycis]
>Nosema|91178027|gb|ABE27272.1| unknown [Nosema bombycis]
>Nosema|91178025|gb|ABE27271.1| unknown [Nosema bombycis]
>Nosema|91178024|gb|ABE27270.1| unknown [Nosema bombycis]
>Nosema|91178023|gb|ABE27269.1| unknown [Nosema bombycis]
>Nosema|91178022|gb|ABE27268.1| unknown [Nosema bombycis]
>Nosema|91178021|gb|ABE27267.1| unknown [Nosema bombycis]
>Nosema|91178020|gb|ABE27266.1| unknown [Nosema bombycis]
>Nosema|91178019|gb|ABE27265.1| unknown [Nosema bombycis]
>Nosema|91178018|gb|ABE27264.1| unknown [Nosema bombycis]
>Nosema|91176531|gb|ABE26655.1| pol polyprotein [Nosema bombycis]
>Nosema|91176529|gb|ABE26654.1| pol polyprotein [Nosema bombycis]
>Nosema|91176527|gb|ABE26653.1| pol polyprotein [Nosema bombycis]
>Nosema|91176525|gb|ABE26652.1| pol polyprotein [Nosema bombycis]
>Nosema|91176523|gb|ABE26651.1| pol polyprotein [Nosema bombycis]
>Nosema|91176521|gb|ABE26650.1| pol polyprotein [Nosema bombycis]
>Nosema|91176519|gb|ABE26649.1| pol polyprotein [Nosema bombycis]
>Nosema|91176517|gb|ABE26648.1| pol polyprotein [Nosema bombycis]
>Nosema|29691976|dbj|BAC75454.1| putative spore surface protein [Nosema bombycis]
>Nosema|29691974|dbj|BAC75453.1| putative spore surface protein [Nosema bombycis]
>Nosema|29691972|dbj|BAC75452.1| putative spore surface protein [Nosema bombycis]
>Nosema|29691970|dbj|BAC75451.1| putative spore surface protein [Nosema bombycis]
>Nosema|29691968|dbj|BAC75450.1| putative spore surface protein [Nosema bombycis]
>Nosema|29691966|dbj|BAC75449.1| putative spore surface protein [Nosema bombycis]
>Nosema|7542623|gb|AAF63521.1|AF245278_1 surface-antigen protein P30.4 [Nosema bombycis]
>Nosema|120561172|gb|ABM26981.1| RNA polymerase II largest subunit [Nosema trichoplusiae]
>Nosema|120561170|gb|ABM26980.1| RNA polymerase II largest subunit [Nosema granulosis]
>Nosema|120561168|gb|ABM26979.1| RNA polymerase II largest subunit [Nosema empoascae]
>Nosema|120561166|gb|ABM26978.1| RNA polymerase II largest subunit [Nosema bombycis]
>Nosema|120561164|gb|ABM26977.1| RNA polymerase II largest subunit [Nosema apis]
>Nosema|119220839|gb|ABL61510.1| beta-tubulin [Nosema sp. BZ-2006e]
>Nosema|119220837|gb|ABL61509.1| beta-tubulin [Nosema sp. BZ-2006d]
>Nosema|118574000|gb|ABL06971.1| beta-tubulin [Nosema sp. BZ-2006c]
>Nosema|118573998|gb|ABL06970.1| beta-tubulin [Nosema sp. BZ-2006b]
>Nosema|116874498|gb|ABK30892.1| beta-tubulin [Nosema sp. BZ-2006a]
>Nosema|116874496|gb|ABK30891.1| beta-tubulin [Nosema bombycis]
>Nosema|110808651|gb|ABG91164.1| DNA-dependent RNA polymerase II largest subunit [Nosema bombycis]
>Nosema|110808649|gb|ABG91163.1| DNA-dependent RNA polymerase II largest subunit [Nosema spodopterae]
>Nosema|110808647|gb|ABG91162.1| beta-tubulin [Nosema spodopterae]
>Nosema|110180495|gb|ABG54480.1| beta-tubulin [Nosema bombycis]
>Nosema|71836137|gb|AAZ42396.1| alpha tubulin [Nosema bombycis]
>Nosema|71836135|gb|AAZ42395.1| alpha tubulin [Nosema spodopterae]
>Nosema|71082701|gb|AAZ23554.1| DNA-dependent RNA polymerase II largest subunit [Nosema plutellae]
>Nosema|71082699|gb|AAZ23553.1| DNA-dependent RNA polymerase II largest subunit [Nosema sp. PX1]
>Nosema|13274162|emb|CAC33859.1| RNA polymerase II largest subunit [Nosema tyriae]
>Nosema|22775487|dbj|BAC15534.1| elongation factor 1 alpha [Nosema bombycis]
>Nosema|14595977|gb|AAK68858.1| DNA repair protein [Nosema bombycis]
>Nosema|9651779|gb|AAF91269.1| 20S proteasome alpha 5 subunit [Nosema sp.]
>Nosema|37499120|gb|AAQ91617.1| unknown [Nosema locustae]
>Nosema|37499119|gb|AAQ91616.1| unknown [Nosema locustae]
>Nosema|37499118|gb|AAQ91615.1| group II large subunit catalase [Nosema locustae]
>Nosema|16755644|gb|AAL28057.1|AF406785_6 calmodulin-dependent protein kinase [Nosema locustae]
>Nosema|16755643|gb|AAL28056.1|AF406785_5 unknown [Nosema locustae]
>Nosema|16755642|gb|AAL28055.1|AF406785_4 pyruvate dehydrogenase E1 beta subunit [Nosema locustae]
>Nosema|16755641|gb|AAL28054.1|AF406785_3 pyruvate dehydrogenase E1 alpha subunit [Nosema locustae]
>Nosema|16755640|gb|AAL28053.1|AF406785_2 checkpoint protein kinase [Nosema locustae]

>Nosema|16755639|gb|AAL28052.1|AF406785_1 unknown [Nosema locustae]
>Nosema|6063008|gb|AAF03091.1|AF144035_1 transcription initiation factor TFIID [Nosema locustae]
>Nosema|2197028|gb|AAC47660.1| mitochondrial-type HSP70 [Nosema locustae]
>Nosema|2197027|gb|AAC47659.1| unknown [Nosema locustae]
>Nosema|30088590|gb|AAN35161.1| beta-tubulin [Nosema locustae]
>Nosema|12083879|gb|AAG48935.1|AF190772_1 beta-tubulin [Nosema locustae]
>Nosema|4092885|gb|AAD12605.1| RNA polymerase II largest subunit [Nosema locustae]
>Nosema|4079679|gb|AAD04234.1| translation initiation factor 2 gamma subunit [Nosema locustae]
>Nosema|1755092|gb|AAC47419.1| alpha-tubulin [Nosema locustae]
>Nosema|2641235|gb|AAB86863.1| actin [Nosema locustae]
>Nosema|2245600|gb|AAB62549.1| glutamyl-tRNA synthetase [Nosema locustae]
>Nosema|2245598|gb|AAB62548.1| glutaminyl-tRNA synthetase [Nosema locustae]
>Nosema|51859621|gb|AAU11093.1| unknown [Antonospora locustae]
>Nosema|51859620|gb|AAU11092.1| unknown [Antonospora locustae]
>Nosema|51859619|gb|AAU11091.1| class-II photolyase [Antonospora locustae]
>Nosema|51859618|gb|AAU11090.1| putative hydrolase-like protein [Antonospora locustae]
>Nosema|50261965|gb|AAT72743.1| translation elongation factor 2 [Antonospora locustae]
>Nosema|50261963|gb|AAT72742.1| 60S ribosomal protein L10a [Antonospora locustae]
>Nosema|50261961|gb|AAT72741.1| deoxyuridine 5' triphosphate nucleotidehydrolase [Antonospora locustae]
>Nosema|47156903|gb|AAT12296.1| chromosome segregation protein [Antonospora locustae]
>Nosema|47156902|gb|AAT12295.1| phospholipase D [Antonospora locustae]
>Nosema|47156901|gb|AAT12294.1| beta transducin repeat containing protein-like protein [Antonospora locustae]
>Nosema|47156900|gb|AAT12293.1| DNA repair helicase RAD25 [Antonospora locustae]
>Nosema|47156899|gb|AAT12292.1| hypothetical protein [Antonospora locustae]
>Nosema|42416977|gb|AAS16360.1| translation elongation factor 1 alpha [Antonospora locustae]
>Nosema|598336|gb|AAC41564.1| isoleucyl-tRNA synthetase
>Nosema|986926|gb|AAB12038.1| beta-tubulin
>Nosema|986924|gb|AAB12036.1| alpha-tubulin
>Nosema|145239617|ref|XP_001392455.1| hypothetical protein An08g03390 [Aspergillus niger]
>Nosema|151302943|gb|AAB54170.2| Hypothetical protein C44E4.2 [Caenorhabditis elegans]
>Nosema|134076966|emb|CAK45375.1| unnamed protein product [Aspergillus niger]
>Nosema|29691978|dbj|BAC75455.1| putative spore surface protein [Microsporidium sp. TB-2M-H]

APPENDIX B

RAW DATA

Header	Description
Sr.No	Peptide number
File Name	Scan number, charge value (Z) at end of f/n
(M+H)	Parent m/z value (MH+)
^M	(M+H) - M
^Cn	Error
XCorr	Fitness match; numbers >1.5 are significant
Sp	Highest peak in given spectra (m/z)
RSp	Repeat of Sp
Reference	Organism
No	# of appearances
Peptide	Sequence
AA	Amino acid length
ID#	Gene Bank ID
Protein	Corresponding protein
PP	Peptide prophet score

Test 5 - below detection limits

	Test 6														
Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Referanca	No	Peptide	AA	ID#	Protein	PP
50	2007-09-04-14 3617 3617 2 out	1790 9	0 355	0 62	3 08	665	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9914
5	2007-09-04-14 724 724 2 out	858 5	1 489	0 05	3 07	404	0	IIV6	1	ELKDLLK	7	NP_149920 1	457L	0 9624
18	2007-09-04-14 989 989 3 out	1202 7	0 085	0 26	2 74	569	0 693	IIV6	1	KFPTLEIINK	10	NP_149688 1	225R	0 9885
77	2007-09-04-14 4303 4303 3 out	2431 3	1 587	0 48	2 7	805	0	IIV6	1	LYILAAIM*ETNHVTLINNLMK	22	NP_149698 1	235L	0 9505
62	2007-09-04-14 4904 4904 3 out	2110 2	0 459	0 35	2 49	405	0	IIV6	1	FILEVHLELLKNVSLNTK	18	NP_149484 1	021R	0 9755
35	2007-09-04-14 5479 5479 3 out	1538 7	0 548	0 27	2 47	863	0	Nosema	1	SM*GVVGTGSPGTM*AVR	18	AAT12294 1	beta transducin repeat containing protein-like	1
40	2007-09-04-14 6205 6205 2 out	1614 9	0 932	0 38	2 47	433	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9503
28	2007-09-04-14 4153 4153 2 out	1490 8	1 528	0 38	2 31	505	0	IIV6	1	INVSVEFIITLDK	13	NP_149490 1	027L	0 9843
89	2007-09-04-14 3775 3775 3 out	3097 5	1 559	0 59	2 24	197	0	Nosema	1	SIFDLFSEM*KDHETFANELYYAALAR	27	AAB54170 2	Hypothetical protein C44E4 2	0 9944
11	2007-09-04-14 5423 5423 2 out	1115 6	1 041	0 45	2 17	616	0	IIV6	1	QTAAGSGIALVK	12	NP_149622 1	159L	0 9831
21	2007-09-04-14 1256 1256 3 out	1223 6	0 185	0 33	2 15	317	0	Nosema	1	EQKILHGAANR	11	ABO69713 1	Sec61alpha	0 9935
24	2007-09-04-14 2568 2568 2 out	1344 7	1 525	0 32	2 15	365	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 987
36	2007-09-04-14 2873 2873 2 out	1592 8	0 343	0 4	2 06	322	0	IIV6	1	NYPTIQQEMKLLK	13	NP_149675 1	212L	0 9952
67	2007-09-04-14 5358 5358 3 out	2198 2	1 189	0 45	2 02	324	0	Nosema	1	LVGYSVRFENVSSENTRLK	19	ABO69722 1	unknown	0 9914
87	2007-09-04-14 5438 5438 3 out	2855 4	0 341	0 49	1 99	283	0	Nosema	1	NNYSDFVM*LLDIYQGWEKTLFDK	24	ABO69722 1	unknown	0 9806
55	2007-09-04-14 3349 3349 3 out	2014 1	1 358	0 33	1 97	217	0	IIV6	1	MEIIAFFLYLNDKRK	16	NP_149558 1	095L	0 9696
22	2007-09-04-14 3733 3733 2 out	1268 6	1 364	0 36	1 95	546	0	IIV6	1	QKMQIYVEDK	10	NP_149676 1	213R	0 9973
33	2007-09-04-14 4201 4201 2 out	1532 9	1 337	0 42	1 95	302	0	IIV6	1	EMILQITLMISLK	13	NP_149653 1	190R	0 9853
1	2007-09-04-14 6416 6416 2 out	700 5	0 575	0 26	1 94	312	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9968
12	2007-09-04-14 1157 1157 2 out	1117 5	1 593	0 3	1 93	358	0	Nosema	1	NENMKYYR	8	AAB62548 1	glutaminyl-tRNA synthetase	0 9797
15	2007-09-04-14 1114 1114 3 out	1142 7	0 564	0 43	1 93	1057	0	IIV6	1	KDIAISKVLR	10	NP_149485 1	022L	0 9844
63	2007-09-04-14 3844 3844 3 out	2112 1	1 784	0 36	1 88	169	0 693	Nosema	1	IQYGIEQESLPKEKTSFK	18	ABE26651 1	pol polyprotein	0 9608
25	2007-09-04-14 4453 4453 2 out	1457 9	0 924	0 46	1 85	264	0	Nosema|Nosema|Nosema|Nosema	5	IIAQVVSSITASLR	14	AAZ23550 1	alpha-tubulin	0 9952
34	2007-09-04-14 3188 3188 2 out	1534 8	1 462	0 4	1 83	842	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655 1	pol polyprotein	0 9746
54	2007-09-04-14 6362 6362 3 out	2008 1	1 786	0 42	1 83	129	1 099	IIV6	1	MNLKFIFPNVDTDINVK	17	NP_149597 1	134L	0 9872
39	2007-09-04-14 4588 4588 2 out	1613	1 217	0 4	1 82	354	0	IIV6	1	IVVIGKAGTGKSTLIR	16	NP_149538 1	075L	0 9849
86	2007-09-04-14 3804 3804 3 out	2850 5	1 122	0 53	1 82	87	2 197	Nosema	1	VNTKNRVITTHQDNELWEVDLIGR	24	ABE26654 1	pol polyprotein	0 9924
90	2007-09-04-14 5868 5868 3 out	3102 6	0 667	0 49	1 81	92	0 693	BQCV	1	SGANWVSENILQPADEIIGPILSLFGFSK	29	NP_620565 1	structural polyprotein	0 9975
19	2007-09-04-14 3619 3619 2 out	1205 7	1 533	0 37	1 8	390	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9797
82	2007-09-04-14 4478 4478 3 out	2661 3	1 439	0 47	1 8	141	0	IIV6	1	M*ASESYIGLSRQETYDLNIEVVK	24	NP_149758 1	295L	0 9871
2	2007-09-04-14 2077 2077 1 out	713 5	0 808	0 21	1 79	342	0	IIV6	1	LINLLK	6	NP_149877 1	414L	1
7	2007-09-04-14 4255 4255 2 out	994 4	0 49	0 39	1 79	156	1 792	KBV|KBV|KBV	3	MNNEALM*R	9	YP_308663 1	VP3	0 9987
73	2007-09-04-14 5278 5279 3 out	2310 1	0 828	0 4	1 78	214	0 693	Nosema	1	TGELAVADLGCGRM*SERHVHR	22	AAT12294 1	beta transducin repeat containing protein-like	0 9981
38	2007-09-04-14 1187 1187 3 out	1607 8	1 26	0 43	1 77	167	1 386	IIV6	1	NVLSM*WSQPSMRR	14	NP_149790 1	327R	0 9736
13	2007-09-04-14 6012 6012 2 out	1122 5	0 867	0 53	1 76	273	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9784
44	2007-09-04-14 3880 3880 2 out	1722 9	0 507	0 41	1 74	196	1 609	IIV6	1	MIENRLNFRLNFR	13	NP_149761 1	298R	0 9973
75	2007-09-04-14 4266 4266 3 out	2344 1	1 044	0 41	1 74	187	0 693	Nosema	1	QREAYTSCLANLNVDMACLTK	21	ABV48892 1	hypothetical spora wall protein	0 9942
88	2007-09-04-14 5206 5206 3 out	2856 4	0 858	0 43	1 74	159	1 386	Nosema	1	CEILM*VFSTMPPQDQELIFKKTNK	25	ABO69722 1	unknown	0 9646
4	2007-09-04-14 813 813 2 out	841 4	0 617	0 33	1 71	210	0	Nosema|Nosema|Nosema|Nosema	5	QNADHEK	7	AAZ23550 1	alpha-tubulin	0 9856
16	2007-09-04-14 1117 1117 3 out	1156 5	0 433	0 38	1 69	212	0 693	KBV|KBV|APV|APV	4	CAMQTPYIQK	10	NP_851403 1	non-structural polyprotein	0 9971
74	2007-09-04-14 5258 5258 3 out	2340 3	1 994	0 37	1 69	163	0	IIV6	1	VLEIYCNVQNTLPPLPAQLSK	21	NP_149485 1	022L	0 9679
32	2007-09-04-14 1855 1855 3 out	1526 8	0 38	0 37	1 68	149	0 693	IIV6	1	LKQLQVM*IEFM*K	14	NP_149504 1	041L	0 9686
30	2007-09-04-14 4636 4636 3 out	1515 8	0 708	0 49	1 66	564	0	IIV6	1	MFQSSWIILLYK	12	NP_149535 1	072R	0 9855
71	2007-09-04-14 4166 4166 3 out	2270	1 362	0 52	1 66	169	0	Nosema	1	NIVSCSADGAPNM*M*GKKNGCLK	24	ABE27267 1	unknown	0 9612
6	2007-09-04-14 3235 3235 2 out	880 5	1 482	0 39	1 65	286	0 693	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 9629
61	2007-09-04-14 4939 4939 3 out	2107 1	1 538	0 44	1 65	147	0 693	IIV6	1	EDVSNTLKKLGFSGTVLNGK	20	NP_149639 1	176R	0 9938
37	2007-09-04-14 2887 2887 3 out	1601 8	0 291	0 43	1 63	178	0	Nosema	1	VNSADSFMINGRYK	14	ABV48897 1	hypothetical spora wall protein	0 9741
92	2007-09-04-14 6289 6289 3 out	3420 6	0 467	0 56	1 62	67	1 609	Nosema	1	DYEQLLQFHMATMVDNDLSGQPQALQKSG	30	ABM26977 1	RNA polymerase II largest subunit	0 9939
78	2007-09-04-14 2992 2992 3 out	2534 4	0 97	0 4	1 61	92	0 693	Nosema	1	NPM*DTVQTLSVDVPVHKIGAIKR	24	AAC47659 1	unknown	0 9859
17	2007-09-04-14 3222 3222 2 out	1160 6	1 411	0 39	1 6	380	0	KBV|KBV	2	ITVETNALGESK	11	NP_851403 1	non-structural polyprotein	0 9968
26	2007-09-04-14 1544 1544 2 out	1475 7	0 987	0 55	1 6	114	0 693	Nosema	1	AAELASENDITWR	13	ABE26655 1	pol polyprotein	0 9892
43	2007-09-04-14 2604 2604 2 out	1719 9	0 303	0 41	1 59	305	0	ABPV	1	NVTMQINSKKNNSNK	15	NP_066242 1	capsid protein	0 9963
66	2007-09-04-14 4540 4540 2 out	2173 1	0 752	0 49	1 59	117	0	Nosema	1	VKILTAYHIETGHGSASNM*K	21	ABE26653 1	pol polyprotein	0 9978
3	2007-09-04-14 2480 2480 2 out	736 5	0 021	0 38	1 57	274	0	IIV6	1	IIIIHK	6	NP_149680 1	217L	0 9987
8	2007-09-04-14 2387 2387 2 out	1016 5	1 244	0 42	1 56	255	0	IIV6	1	FMKNFQSK	8	NP_149843 1	380R	0 9807
31	2007-09-04-14 1272 1272 3 out	1524 7	0 039	0 4	1 56	158	0 693	IIV6	1	FLHEKMFDQSDK	12	NP_149891 1	428L	0 985
27	2007-09-04-14 3004 3004 2 out	1485 9	0 269	0 4	1 55	339	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9833
47	2007-09-04-14 5233 5233 2 out	1773 9	1 515	0 44	1 55	66	0	Nosema	1	VFFEVFGEVIDGFIR	15	ABO69729 1	unknown	0 9892
53	2007-09-04-14 5287 5287 3 out	1996	1 397	0 42	1 55	200	0 693	Nosema	1	PTLESVNNSLEYLFITR	17	ABO69722 1	unknown	0 9863
81	2007-09-04-14 5778 5778 3 out	2653 4	1 582	0 39	1 54	106	0	IIV6	1	LIADPQFRQALLNTAGSSIM*YLSK	25	NP_149618 1	155L	0 9778
41	2007-09-04-14 5224 5224 3 out	1617 8	0 271	0 54	1 53	97	2 639	KBV	1	SIFNGPM*DFSIAFR	15	AAU10093 1	nonstructural protein	0 9611
58	2007-09-04-14 5179 5179 3 out	2070 1	0 828	0 48	1 53	94	0 693	Nosema	1	ITLVLKWIYKCMNTTSR	17	ABV48890 1	hypothetical spora wall protein	0 9906
83	2007-09-04-14 4800 4800 3 out	2676 6	0 19	0 41	1 53	145	0	IIV6	1	NVLITGIAVTGVAVLLFLLLM*FKSK	26	NP_149800 1	337L	0 9797
29	2007-09-04-14 3671 3671 2 out	1513	1 126	0 46	1 52	119	0	IIV6	1	LILIASLVLLLFGK	14	NP_149676 1	213R	0 9812
42	2007-09-04-14 2812 2812 3 out	1638 8	1 015	0 48	1 51	224	0	IIV6	1	M*AISFFSQTSYIIK	15	NP_149489 1	026R	0 9935
52	2007-09-04-14 4062 4062 2 out	1926	0 487	0 61	1 51	84	0	IIV6	1	LDSYSLNFVAKHFLGSK	17	NP_149500 1	037L	0 997

	Test 7													
Sr No	File Name	(M+H)	dM	dCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
31	2007-09-04-15 3105 3105 3 out	1515 7	0 939	0 68	3 65	1233	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9918
54	2007-09-04-15 4048 4048 2 out	1790 9	0 287	0 58	3 11	715	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 995
17	2007-09-04-15 1119 1119 2 out	1171 6	0 386	0 71	2 75	765	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9846
75	2007-09-04-15 6863 6863 3 out	2232 1	1 961	0 58	2 6	380	0	Nosema	1	IDDFNRKLDEIASIDPDQK	19	AAT72743 1	translation elongation factor 2	0 9599
41	2007-09-04-15 6232 6233 2 out	1614 9	0 481	0 31	2 51	696	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9575
73	2007-09-04-15 2704 2704 3 out	2190 1	0 678	0 34	2 27	334	0 693	Nosema	1	TVGATQGGFIHIIANDFGSER	21	ABM26977 1	RNA polymerase II largest subunit	0 9944
22	2007-09-04-15 2782 2782 2 out	1344 7	1 444	0 31	2 25	330	0 693	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9731
33	2007-09-04-15 1534 1534 2 out	1521 9	0 158	0 39	2 15	173	0	IIV6	1	MNIKNGFVKIVLMK	13	NP_149866 1	403L	1
52	2007-09-04-15 4081 4081 3 out	1750 9	1 492	0 39	2 12	812	0	IIV6	1	DEIDTFKTAILEDLK	15	NP_149585 1	122R	0 9825
56	2007-09-04-15 3569 3569 3 out	1826	0 565	0 39	2 12	483	0	DWV	1	PEMDRILNLAEGLLNK	16	ABB36638 1	polyprotein	0 9535
14	2007-09-04-15 917 917 3 out	1142 7	0 538	0 37	2 08	1273	0	IIV6	1	KDIAISKVLR	10	NP_149485 1	022L	0 9858
65	2007-09-04-15 7140 7140 3 out	2028	1 015	0 31	2 07	158	0	IIV6	1	LSFIHNDLHFDNVLICK	17	NP_149561 1	098R	0 988
70	2007-09-04-15 6889 6889 3 out	2108 9	1 581	0 37	2 05	152	1 946	Nosema	1	TKTVCEGEVMEEGHTGCGNK	20	ABM26979 1	RNA polymerase II largest subunit	0 9646
66	2007-09-04-15 5857 5857 3 out	2029	0 757	0 43	2 03	558	0	Nosema	1	FNVKYIKGEDNIADGCSR	18	ABE26653 1	pol polyprotein	0 9707
68	2007-09-04-15 4753 4753 3 out	2095	1 632	0 37	2 03	162	0	Nosema	1	KDFTLGVLRESNSPWCSR	18	ABE26653 1	pol polyprotein	0 9846
6	2007-09-04-15 2014 2014 2 out	961 4	0 498	0 33	2 01	249	0 693	SV|SV	2	EASPNSDGGK	10	NP_049374 1	polyprotein	0 9961
78	2007-09-04-15 5765 5765 2 out	2265 2	0 793	0 57	2 01	86	0	SV|SV|SV	3	TSVSTLCNMLGKVVTPERAMK	21	NP_049374 1	polyprotein	0 951
23	2007-09-04-15 5874 5874 2 out	1377 7	1 459	0 34	2	111	0 693	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9937
44	2007-09-04-15 4121 4121 2 out	1699 9	0 274	0 33	2	158	0	DWV	1	AGFPLSSLKPPGTSGKR	17	ABC95164 1	polyprotein	0 9953
94	2007-09-04-15 6496 6496 3 out	2902 2	1 056	0 46	1 99	116	1 386	IIV6	1	ITNFSQDCVM*VEYFCKDDENNDEK	25	NP_149886 1	423L	0 9912
34	2007-09-04-15 1785 1785 3 out	1549 8	0 203	0 39	1 96	194	1 099	IIV6	1	NFNNGPEPKELYK	13	NP_149900 1	437L	0 9595
9	2007-09-04-15 2689 2689 2 out	1049 5	1 401	0 32	1 93	396	0	IIV6	1	VM*EELKER	9	NP_149750 1	287R	0 9823
53	2007-09-04-15 4271 4271 3 out	1752	1 233	0 38	1 92	171	2 303	KBV|KBV|KBV|KBV|KBV|KBV	6	TAANGIERIPVLGEIAK	17	ABN49472 1	VP4 protein	0 9645
83	2007-09-04-15 4092 4092 3 out	2415 2	0 19	0 44	1 92	133	1 946	Nosema	1	SNWQSGYEVTDIILPDGFM*VK	22	ABE26653 1	pol polyprotein	0 9534
20	2007-09-04-15 1528 1528 3 out	1236 6	1 687	0 4	1 91	189	0 693	BQCV	1	EGNTVM*LESLK	12	NP_620564 1	nonstructural polyprotein	0 9701
30	2007-09-04-15 4344 4344 2 out	1495 8	1 807	0 38	1 91	389	0 693	IIV6	1	TKSVSLVYEDLNK	13	NP_149848 1	385L	0 9583
42	2007-09-04-15 2037 2037 3 out	1640 8	0 903	0 37	1 91	112	1 386	IAPV|IAPV	2	YVLDQQNSQKYVR	13	YP_001040003 1	structural polyprotein	0 9767
77	2007-09-04-15 6211 6211 3 out	2256 1	0 435	0 41	1 89	135	0 693	MSCUT	1	QTLMFSATFPDEVHHLARR	19	ABQ96192 1	vasa	0 9536
79	2007-09-04-15 5201 5201 3 out	2300 1	0 688	0 37	1 89	218	1 609	IIV6	1	WIIMNSDDFKDSILM*LNTK	20	NP_149611 1	148R	0 9648
27	2007-09-04-15 3922 3922 2 out	1437 7	0 878	0 42	1 85	262	0	IIV6	1	MTINQIMASIMGK	13	NP_149891 1	428L	0 998
21	2007-09-04-15 6336 6336 2 out	1326 7	0 865	0 34	1 83	262	0 693	IIV6	1	MLNFFSPTELK	11	NP_149642 1	179R	0 9699
67	2007-09-04-15 5737 5737 3 out	2035	0 272	0 38	1 8	279	0 693	Nosema	1	EYVASYAELTSPFFGLLK	18	ABE26653 1	pol polyprotein	0 9763
88	2007-09-04-15 6029 6029 3 out	2596 4	1 974	0 43	1 8	168	0	DWV|DWV|DWV|DWV|DWV|Kakugo	8	VPCGIPSGSPITDILNTISNCLLIR	25	ABM64819 1	polyprotein	1
100	2007-09-04-15 4174 4174 3 out	3097 5	1 285	0 51	1 8	188	0	Nosema	1	SIFDLFSEM*KDHETFANELYYAALAR	27	AAB54170 2	Hypothetical protein C44E4 2	0 955
15	2007-09-04-15 6309 6309 2 out	1153 7	0 46	0 35	1 77	191	0	IIV6	1	LDPQLTLILK	10	NP_149620 1	157L	0 9897
90	2007-09-04-15 4221 4221 3 out	2634 5	1 789	0 4	1 77	113	1 609	IIV6	1	IDTPKLLEYM*WSLFPNIIAIK	23	NP_149672 1	209R	0 9943
92	2007-09-04-15 4501 4501 3 out	2706 4	0 484	0 44	1 77	95	0	Nosema	1	ISGEEICTSM*EPRLWKIVGSLVSR	25	AAB54170 2	Hypothetical protein C44E4 2	0 9948
24	2007-09-04-15 6721 6721 2 out	1405 8	1 152	0 37	1 76	199	0	IIV6	1	KDIKNSFMPVVK	12	NP_149647 1	184R	0 9899
1	2007-09-04-15 2895 2895 2 out	700 5	0 44	0 3	1 75	356	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9958
10	2007-09-04-15 6297 6297 2 out	1076 6	1 346	0 36	1 74	355	0	IIV6	1	GAVKSIQMDK	10	NP_149672 1	209R	0 9595
87	2007-09-04-15 2963 2963 3 out	2541 2	1 107	0 37	1 74	176	0	Nosema	1	NKFHLTSFSSGCDLQKEVECLR	22	ABV48890 1	hypothetical spore wall protein	0 9717
48	2007-09-04-15 3379 3379 3 out	1717 1	1 633	0 47	1 73	210	1 386	IIV6	1	PHIPPFTKILSLLK	15	NP_149895 1	432R	0 9645
49	2007-09-04-15 4353 4353 2 out	1722 9	0 251	0 44	1 73	226	0	IIV6	1	MIENRLNFRLNFR	13	NP_149761 1	296R	0 9847
46	2007-09-04-15 839 839 3 out	1715 9	0 298	0 53	1 72	134	0 693	IIV6	1	IVENLYLGNIQNGIR	15	NP_149586 1	123R	0 9714
84	2007-09-04-15 4692 4692 3 out	2515 2	1 711	0 38	1 71	108	1 386	Nosema	1	EFEMALPIDSAYTARM*LRAASR	23	AAT12295 1	phospholipase D	0 9719
28	2007-09-04-15 6108 6108 2 out	1453 8	1 033	0 39	1 7	235	0	IIV6	1	LDIAVEDRAPKVK	13	NP_149851 1	388R	0 9939
12	2007-09-04-15 4018 4018 2 out	1102 7	0 298	0 5	1 69	627	0	Nosema	1	PLKSIILYR	9	ABQ69724 1	unknown	0 9934
32	2007-09-04-15 2715 2715 2 out	1519 8	1 77	0 39	1 69	376	0	Nosema|Nosema|Nosema|Nosema|N	7	AMEDATVRLDGSVR	14	ABM26981 1	RNA polymerase II largest subunit	0 9727
61	2007-09-04-15 6811 6811 2 out	1947 8	1 518	0 51	1 69	106	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spore wall protein	0 9594
35	2007-09-04-15 7574 7574 3 out	1559 8	1 454	0 38	1 67	412	0	IIV6	1	M*DETQQLLYKFK	13	NP_149668 1	205R	0 9588
5	2007-09-04-15 3489 3489 2 out	880 5	1 47	0 44	1 65	285	0	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 9531
26	2007-09-04-15 7500 7500 3 out	1407 7	0 803	0 41	1 64	225	1 099	ABPV	1	INTPM*AQDTSSAR	14	NP_066242 1	capsid protein	0 9576
11	2007-09-04-15 1999 1999 2 out	1078 6	0 401	0 34	1 63	236	0	Nosema	1	REQNTKFR	8	AAL28057 1	AF406785_6 calmodulin-dependent protein	0 9975
93	2007-09-04-15 6079 6079 3 out	2855 4	0 243	0 51	1 63	92	0 693	Nosema	1	NNYSDFVM*LLDIYQGWEKTLFDK	24	ABO69722 1	unknown	0 9664
98	2007-09-04-15 4499 4499 3 out	3019 5	0 255	0 46	1 63	120	0 693	IIV6	1	FDSNSISPGTEFMHNLGRYIDIHIKK	26	NP_149475 1	012L	0 9899
40	2007-09-04-15 5298 5298 2 out	1613	1 15	0 4	1 6	279	0	IIV6	1	IVVIGKAGTGKSTLIR	16	NP_149538 1	075L	0 9884
45	2007-09-04-15 4071 4071 2 out	1712 9	0 545	0 46	1 6	82	1 946	IIV6	1	QALLNTAGSSIM*YLSK	17	NP_149518 1	155L	0 9706
16	2007-09-04-15 875 875 3 out	1165 6	1 476	0 35	1 58	243	0	Nosema	1	KENNEYQIK	9	ABV48894 1	hypothetical spore wall protein	0 9719
43	2007-09-04-15 4245 4245 3 out	1671	1 246	0 41	1 58	316	0 693	Nosema	1	RSVLINGTKQVVDNK	15	ABE26650 1	pol polyprotein	0 9928
2	2007-09-04-15 1823 1823 2 out	736 5	0 34	0 36	1 57	198	0	IIV6	1	IIIIHK	6	NP_149680 1	217L	0 9539
8	2007-09-04-15 2284 2284 2 out	1016 5	1 231	0 46	1 57	251	0	IIV6	1	FMKNFDSK	8	NP_149843 1	380R	0 991
62	2007-09-04-15 4825 4825 2 out	1966 1	1 494	0 41	1 57	146	0	IIV6	1	SQFLKLVSIVDHEGHTR	17	NP_149687 1	224L	0 9563
3	2007-09-04-15 2531 2531 2 out	805 4	0 259	0 37	1 56	200	0	IIV6	1	TVDDTVR	7	NP_149672 1	209R	0 9977
29	2007-09-04-15 3382 3382 2 out	1485 9	0 131	0 52	1 56	505	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9737
19	2007-09-04-15 1930 1930 2 out	1199 7	1 982	0 45	1 55	558	0	IIV6	1	KVNIQNKDIK	10	NP_149674 1	211L	0 9979
97	2007-09-04-15 4985 4985 3 out	2987 5	0 537	0 54	1 55	24	3 219	IIV6	1	SIISCWIPNMTWSSLNLFNQNISYR	25	NP_149742 1	279R	0 9754
81	2007-09-04-15 4897 4897 2 out	2337 3	0 848	0 49	1 53	88	0	Nosema	1	IEILGNHIEDGKLKIDTTSLK	21	ABE26651 1	pol polyprotein	1
80	2007-09-04-15 5596 5596 2 out	2304	0 462	0 52	1 52	267	0	IIV6	1	TSLEYDEFM*EM*FM*VEKVK	21	NP_149612 1	149L	0 9799
99	2007-09-04-15 5639 5639 3 out	3041 5	1 108	0 41	1 52	184	0	Nosema	1	QKGTGKECVLEAVSLSSPAVSIMESTFSR	29	ABO69727 1	unknown	0 9797
7	2007-09-04-15 3259 3259 2 out	999 5	1 293	0 44	1 51	318	0 693	IIV6	1	PSDIPDTVR	9	NP_149901 1	438L	0 9973
82	2007-09-04-15 4889 4889 2 out	2367 2	0 448	0 48	1 5	125	0 693	Nosema	1	ELSTRDLSQINIPYIYNDGR	20	BAF76326 1	heat shock protein 70	1

	Test 8														
Sr.No	File Neme	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
39	2007-09-04-16 2749 2749 3 out	1515 7	0 503	0 71	3 33	1232	0	Noseme	1	WHHTFYNELR	11	AAB86863 1	actin	0 9843
19	2007-09-04-16 1653 1653 2 out	1171 6	0 37	0 69	3 14	862	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9569
63	2007-09-04-16 3497 3497 2 out	1790 9	1 197	0 63	3 08	604	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9958
32	2007-09-04-16 4168 4168 2 out	1457 9	0 091	0 53	2 7	620	0	Noseme|Noseme|Noseme|Nosame|Nosema	5	IIAQVVSSITASLR	14	AAZ23550 1	alpha-tubulin	1
56	2007-09-04-16 5481 5481 3 out	1723 9	1 518	0 3	2 41	537	0	BQCV|BQCV	2	LDIAQYVDTETKEAK	15	NP_620565 1	structurel polyprotein	0 9869
61	2007-09-04-16 2656 2656 3 out	1755 8	1 619	0 44	2 39	953	0	VDV1|VDV1	2	RSSLECQYIEPSTSR	15	YP_145791 1	polyprotein	0 9558
80	2007-09-04-16 4145 4145 3 out	2440 2	0 085	0 37	2 36	318	0	IIV6	1	VIPFESTFKDSIDDISLEEQK	21	NP_149647 1	184R	0 9986
27	2007-09-04-16 2384 2384 2 out	1344 7	1 294	0 37	2 34	356	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	1
11	2007-09-04-16 1018 1018 2 out	1077 5	1 876	0 23	2 25	450	0	Noseme|Nosema|Nosame	3	IREEYPQR	8	AAN35161 1	beta-tubulin	0 9515
70	2007-09-04-16 3106 3106 3 out	1962	1 831	0 45	2 22	315	0	Noseme	1	EEQASNLTDKTDGLERR	17	ABE26650 1	pol polyprotein	0 9991
14	2007-09-04-16 6206 6206 2 out	1115 6	0 24	0 39	2 19	678	0	IIV6	1	QTAAGSGIALVK	12	NP_149622 1	159L	0 9607
89	2007-09-04-16 5432 5432 3 out	3071 3	1 133	0 57	2 19	122	1 792	IIV6	1	SEWENNFTYAGNNIGCTKEM*ESDM*IR	28	NP_149492 1	029R	0 9843
20	2007-09-04-16 1506 1506 3 out	1191 6	1 143	0 4	2 16	410	0	IIV6	1	CIM*AVYGKYK	11	NP_149635 1	172L	0 984
46	2007-09-04-16 5303 5303 2 out	1614 9	0 399	0 34	2 15	556	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9591
68	2007-09-04-16 3440 3440 3 out	1956 1	0 397	0 35	2 13	252	0	IIV6	1	FPILFYGFKNNIKINK	16	NP_149571 1	108R	0 9848
34	2007-09-04-16 5595 5595 2 out	1492 9	1 996	0 34	2 11	296	0 693	Noseme	1	VLDNRHLGSIKLK	13	BAF76326 1	heat shock protein 70	0 985
90	2007-09-04-16 5469 5469 3 out	3105 6	0 827	0 47	2 1	141	0	DWV|DWV|DWV|DWV|DWV|DWV|Kakugo	9	IFSISPVQFTIPFRQYYLDFM*ASYR	26	ABQ16545 1	polyprotein	0 9622
2	2007-09-04-16 730 730 2 out	862 5	1 078	0 23	2 07	374	0	Noseme	1	KNKMTLK	7	ABO69713 1	Sec61alpha	0 9932
26	2007-09-04-16 6136 6136 2 out	1205 7	0 172	0 3	2 05	827	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9865
88	2007-09-04-16 3872 3872 3 out	2988 5	1 485	0 36	2 05	109	0 693	IIV6	1	FIYQSAFIFVGLDENNSIGCILM*SYK	27	NP_149658 1	195L	0 976
41	2007-09-04-16 5245 5245 3 out	1538 7	1 98	0 39	2 01	695	0	Noseme	1	SM*GVVGTGSPGTM*AVR	18	AAT12294 1	bete transducin rapeat conteining protein-l	0 984
81	2007-09-04-16 6020 6020 3 out	2476 3	1 766	0 51	2 01	224	0	IIV6	1	LNQSM*LLLAIKDEELESEKEK	22	NP_149883 1	420R	0 9664
51	2007-09-04-16 3843 3843 2 out	1677 9	1 393	0 38	2	79	2 079	IIV6	1	GPGNDMVKKALGYSLK	16	NP_149851 1	388R	0 9942
1	2007-09-04-16 1128 1128 2 out	800 5	0 745	0 3	1 99	505	0	Noseme	1	RIDIAGR	7	AAB86863 1	actin	0 9874
16	2007-09-04-16 1276 1276 3 out	1142 7	0 058	0 31	1 98	672	0	IIV6	1	KDIAISKVLR	10	NP_149486 1	022L	0 9704
24	2007-09-04-16 5993 5993 2 out	1227 7	1 403	0 38	1 97	343	0	IIV6	1	KLDELRNIAR	10	NP_149695 1	232R	0 9964
38	2007-09-04-16 1594 1594 3 out	1502 9	1 885	0 43	1 96	305	0	IIV6	1	QIDRMVIQFKPK	12	NP_149475 1	012L	0 9794
44	2007-09-04-16 3320 3320 2 out	1607 8	0 76	0 35	1 96	217	0	Noseme	1	FIPNCSSLMEPITR	14	ABE26652 1	pol polyprotein	0 9831
23	2007-09-04-16 6147 6147 2 out	1205 7	0 664	0 38	1 95	461	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9727
72	2007-09-04-16 4220 4220 2 out	2026 1	0 037	0 45	1 94	128	0	SV	1	TAEGTIVWRKVITSYSSK	18	AAT45735 1	structural polyprotein	0 994
85	2007-09-04-16 3824 3824 3 out	2636 4	0 679	0 35	1 92	173	0	Nosema	1	NTNRSVTFIIKGELQMCSVINIR	23	ABE27273 1	unknown	1
5	2007-09-04-16 1319 1319 2 out	892 5	0 837	0 34	1 9	183	0	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 9901
83	2007-09-04-16 3991 3991 3 out	2569 1	1 091	0 42	1 89	217	0	IIV6	1	TGEPVICFIDTCNKHM*YQFQK	22	NP_149548 1	085L	0 9791
87	2007-09-04-16 5451 5451 3 out	2939 4	0 362	0 37	1 89	176	0	IIV6	1	MEMNQKTAFMGINIKDEGPSNVMIIK	26	NP_149674 1	211L	0 9744
4	2007-09-04-16 1302 1302 2 out	882 5	1 477	0 43	1 88	282	0	IIV6	1	KFEIFAK	7	NP_149681 1	218R	0 988
35	2007-09-04-16 3256 3256 3 out	1496 9	0 034	0 38	1 88	69	1 792	IIV6|IIV6|IIV6|IIV6	4	MAPAATVGAVATLPVK	16	NP_149912 1	449L	0 984
52	2007-09-04-16 3500 3500 3 out	1685 9	1 865	0 34	1 85	338	0	IIV6	1	MCHLRFKIFYLSK	13	NP_149711 1	248R	1
25	2007-09-04-16 2943 2943 2 out	1236 6	0 951	0 37	1 84	139	1 386	Nosema	1	EM*AQKAGEKTK	12	AAU11092 1	unknown	0 9774
73	2007-09-04-16 4537 4538 3 out	2029	0 611	0 35	1 83	506	0	Noseme	1	FNVKYIKGEDNIADGCSR	18	ABE26653 1	pol polyprotein	0 9816
69	2007-09-04-16 5134 5134 3 out	1957 9	0 843	0 48	1 82	271	0	DWV|DWV|DWV|DWV|DWV	5	M*EFTDQDKSGNTVKWR	17	ABM64819 1	polyprotein	0 9645
82	2007-09-04-16 4156 4156 3 out	2556 1	1 29	0 42	1 82	188	0	SV	1	REM*GSPDSDGGKGQSVVAGSDNPHR	26	AAL79021 1	AF469603_1 polyprotein	0 9583
47	2007-09-04-16 3194 3194 2 out	1630 8	0 386	0 39	1 81	304	1 099	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9607
74	2007-09-04-16 5536 5536 3 out	2042 2	1 042	0 51	1 81	206	0 693	Nosema	1	IELSQADSTRIKALVELR	18	AAC47660 1	mitochondnal-type HSP70	0 9862
12	2007-09-04-16 3457 3457 2 out	1102 7	0 43	0 4	1 8	409	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9951
28	2007-09-04-16 915 915 3 out	1360 7	0 254	0 34	1 79	293	0	Nosema	1	EWEAVVKRMGR	11	AAC41564 1	isoleucyl-tRNA synthetesa	0 9518
57	2007-09-04-16 5980 5980 3 out	1734 9	1 887	0 42	1 76	297	0 693	IIV6	1	DVPIGNDFDKATITTK	16	NP_149798 1	335L	0 9846
75	2007-09-04-16 4094 4094 2 out	2045 3	0 133	0 51	1 76	260	0	Nosema	1	RLLNTILGIHLKGITNIR	18	AAD12605 1	RNA polymerase II largest subunit	0 9821
18	2007-09-04-16 1096 1096 3 out	1156 5	0 484	0 37	1 75	343	0	KBV|KBV|IAPV|IAPV	4	CAMDTPYIDK	10	NP_851403 1	non-structural polyprotein	0 9831
86	2007-09-04-16 4013 4013 3 out	2921 4	0 972	0 49	1 74	156	0	IIV6	1	MGISFCPPICGNSPFFITFSKLNSVSK	27	NP_149615 1	152R	0 9542
59	2007-09-04-16 3577 3577 2 out	1746 8	0 408	0 47	1 73	247	0	IIV6	1	NCQEKETIYSDNFR	14	NP_149500 1	037L	0 9626
60	2007-09-04-16 5181 5181 3 out	1749 9	1 896	0 36	1 72	158	0	IIV6	1	IFYLSKVNMLCQYK	14	NP_149711 1	248R	0 9515
64	2007-09-04-16 3945 3945 3 out	1822	1 426	0 44	1 72	93	1 609	Noseme	1	LSNLLKM*PKFNCEIR	16	ABO69727 1	unknown	0 9523
7	2007-09-04-16 1097 1097 2 out	998 5	1 378	0 42	1 71	123	2 197	DWV|DWV|DWV|DWV|DWV|DWV|DWV|D	41	ANESFKM*R	9	ABM64852 1	polyprotein	1
62	2007-09-04-16 6059 6059 2 out	1763 1	1 59	0 41	1 7	241	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein	0 9958
37	2007-09-04-16 3734 3734 2 out	1498 8	0 246	0 46	1 69	641	0	IIV6	1	EIFICYREGIKK	12	NP_149500 1	037L	1
77	2007-09-04-16 5660 5660 3 out	2112 1	1 506	0 47	1 69	127	0	Nosema	1	IQYGIEQESLPKEKTSFK	18	ABE26651 1	pol polyprotein	1
49	2007-09-04-16 4823 4823 3 out	1666 8	1 946	0 43	1 68	223	0	IIV6	1	DINVASYSPVGASRCK	16	NP_149662 1	199L	0 984
17	2007-09-04-16 1886 1886 3 out	1144 6	0 317	0 35	1 67	294	0	IIV6	1	WSELPLEDR	9	NP_149064 1	401R	0 9929
67	2007-09-04-16 5576 5576 3 out	1939 1	0 658	0 41	1 67	94	1 099	Noseme	1	YHKLNINPVKLFIDPK	16	ABE26651 1	pol polyprotein	0 9842
79	2007-09-04-16 3982 3982 3 out	2338 1	1 741	0 52	1 66	138	0	IIV6	1	MYLSAVNFQDELFQYENAR	19	NP_149570 1	107L	0 9626
66	2007-09-04-16 4039 4039 2 out	1938 9	0 688	0 44	1 65	100	0	IIV6	1	NPHVDEPAFNVNEIMGR	17	NP_149612 1	149L	0 9705
48	2007-09-04-16 6101 6101 3 out	1664 8	1 886	0 47	1 63	150	1 946	BQCV	1	AKVEGSNGVPEAYESK	16	NP_620564 1	nonstructurel polyprotein	0 992
10	2007-09-04-16 2575 2575 2 out	1070 6	0 644	0 41	1 62	618	0	IIV6	1	LLWDWLPK	8	NP_149515 1	052R	0 9836
42	2007-09-04-16 2515 2515 3 out	1584 9	1 27	0 4	1 59	178	0	IIV6	1	GSLRAQIIAEEEIR	14	NP_149612 1	149L	0 9658
9	2007-09-04-16 1554 1554 3 out	1049 6	0 93	0 37	1 56	131	0	IIV6	1	ELKDNRFK	8	NP_149851 1	388R	0 9814
21	2007-09-04-16 1013 1013 3 out	1194 6	0 602	0 43	1 56	171	0	Nosema	1	AYPTSEERNK	10	ABV48897 1	hypothetical spora wall protein	0 9575
33	2007-09-04-16 4575 4575 2 out	1463 8	1 773	0 44	1 56	187	0	IIV6	1	SLTNPQSYVLNLK	13	NP_149588 1	125L	0 9671
29	2007-09-04-16 6263 6263 3 out	1408 6	1 287	0 53	1 55	208	1 099	ABPV|ABPV|ABPV|KBV|KBV|KBV|KBV|A	9	IDTPM*AQDTSSAR	14	AAL05919 1	capsid polyprotein	0 973
45	2007-09-04-16 867 867 3 out	1610 9	1 061	0 38	1 55	179	0	Nosema	1	ELASKMHLKIIEAK	14	ABO69715 1	unknown	0 9924
78	2007-09-04-16 3670 3670 3 out	2127 3	0 261	0 39	1 55	135	0	IIV6	1	LLTLISAILCSIFISFLFI	19	NP_149749 1	286L	0 9526
3	2007-09-04-16 3097 3097 2 out	880 5	1 336	0 49	1 54	283	0	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 9675
53	2007-09-04-16 2475 2475 3 out	1686 9	0 339	0 41	1 52	85	0 693	IIV6	1	QSKACITYGFDKPTK	15	NP_149717 1	254L	0 9818
6	2007-09-04-16 1641 1641 2 out	951 5	0 582	0 41	1 5	447	0	Noseme	1	NVKGYKDK	8	ABO69717 1	unknown	0 992

	Test 9														
Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
48	2007-09-04-17 3955 3955 2 out	1790 9	0 521	0 63	3 58	719	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	1
31	2007-09-04-17 3045 3045 3 out	1515 7	0 261	0 69	2 78	994	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9962
29	2007-09-04-17 5232 5233 2 out	1492 9	0 706	0 41	2 34	345	0	Nosema	1	VLDNRHLGSIKLK	13	BAF76326 1	heat shock protein 70	0 9976
21	2007-09-04-17 1066 1066 2 out	1171 6	0 25	0 71	2 31	654	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9823
35	2007-09-04-17 3018 3018 3 out	1559 8	1 564	0 46	2 28	581	0	IIV6	1	M*DETQQLLYKFK	13	NP_149668 1	205R	0 9913
54	2007-09-04-17 4441 4441 2 out	1932	1 311	0 49	2 24	167	0	DWV|DWV|DWV|Kakugo|VDV1|VDV1	6	AFFGEAFNDLKTLM*RR	17	NP_853560 2	polyprotein	0 9973
26	2007-09-04-17 3579 3579 2 out	1377 7	0 388	0 39	2 18	87	1 386	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9837
2	2007-09-04-17 1405 1405 1 out	715 4	0 035	0 16	2 16	347	0	IIV6	1	NIIIDK	6	NP_149495 1	032R	1
71	2007-09-04-17 4914 4914 3 out	2439 3	0 761	0 42	2 15	325	0	IIV6	1	YSCLEPYISSLIINIERGQLK	21	NP_149902 1	439L	1
44	2007-09-04-17 4080 4080 3 out	1746 8	1 359	0 42	2 14	637	0	IIV6	1	EEDEVYDFANNFVR	14	NP_149731 1	268L	0 9863
50	2007-09-04-17 6442 6442 2 out	1817 8	0 77	0 37	2 14	327	0	KBV|KBV	2	FMSSLIECDKVEACDK	16	NP_851403 1	non-structural polyprotein	0 9894
39	2007-09-04-17 5403 5403 2 out	1614 9	0 272	0 31	2 06	641	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9593
78	2007-09-04-17 5234 5234 2 out	2851 4	0 856	0 33	2 03	191	0	IIV6	1	YAGFSELTLINVIVFSSIYEDSNNR	25	NP_149535 1	072R	1
82	2007-09-04-17 4351 4351 3 out	2927 6	0 828	0 51	2 01	148	0	IIV6	1	QLVTYHHTMLKVIIQRELWIMFK	23	NP_149894 1	431L	0 9665
1	2007-09-04-17 2833 2833 1 out	700 5	0 927	0 18	1 99	414	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
51	2007-09-04-17 3468 3468 3 out	1826	0 879	0 38	1 99	343	0	DWV	1	PEMDRILNLAEGLLNK	16	ABB36638 1	polyprotein	0 9948
30	2007-09-04-17 4321 4321 2 out	1498 8	0 197	0 33	1 98	679	0	IIV6	1	EIFICYREGIKK	12	NP_149500 1	037L	0 9982
65	2007-09-04-17 4184 4184 3 out	2293 2	1 492	0 47	1 97	371	0	Nosema	1	TLMVDLEPGVIESIKNSEYR	20	AAC47419 1	alpha-tubulin	0 9683
80	2007-09-04-17 4287 4287 3 out	2855 4	0 319	0 4	1 97	197	0	Nosema	1	NNYSDFVM*LLDIYQGWEKTLFDK	24	ABQ69722 1	unknown	0 9917
62	2007-09-04-17 5631 5631 3 out	2197	0 562	0 43	1 95	120	0	IIV6	1	MPFFQDILFYPM*M*M*IPK	20	NP_149516 1	053R	0 9894
75	2007-09-04-17 6874 6874 3 out	2754 8	1 7	0 54	1 91	103	1 792	IIV6	1	VTLLLLLIAVLLLLIFM*KVCKQK	25	NP_149679 1	216R	0 977
24	2007-09-04-17 4248 4248 2 out	1285 7	0 584	0 55	1 9	1203	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9686
3	2007-09-04-17 1592 1592 1 out	730 4	0 933	0 26	1 88	219	0	IIV6	1	NLNVDR	6	NP_149681 1	218R	1
19	2007-09-04-17 860 860 2 out	1142 7	1 089	0 36	1 86	300	0	IIV6	1	KDIAISKVLR	10	NP_149485 1	022L	0 9882
68	2007-09-04-17 5996 5996 3 out	2310 1	0 542	0 37	1 86	392	0	Nosema	1	TGELAVADLGCGRM*SERHVHR	22	AAT12294 1	beta transducin repeat containing protein	0 9934
42	2007-09-04-17 2829 2829 2 out	1719 9	0 311	0 37	1 85	280	0	ABPV	1	NVTMQINSKKNNSNK	15	NP_066242 1	capsid protein	0 9967
57	2007-09-04-17 2732 2732 3 out	2037 1	0 833	0 37	1 84	351	0 693	IIV6	1	YQGLAKPINIVTESNAYR	18	NP_149612 1	149L	0 9819
20	2007-09-04-17 884 884 3 out	1156 5	0 459	0 45	1 8	272	0 693	KBV|KBV|APV|APV	4	CAMDTPYIDK	10	NP_851403 1	non-structural polyprotein	0 9954
83	2007-09-04-17 3454 3454 3 out	2933 5	0 996	0 4	1 79	84	0	Nosema	1	KYDCVIIDEAHERSLNIDILLGYLK	25	ABO69722 1	unknown	0 9972
56	2007-09-04-17 1755 1755 3 out	1987 9	0 667	0 44	1 78	76	0	IIV6	1	DMKFGCHEYIEFGKQR	16	NP_149538 1	075L	0 9578
14	2007-09-04-17 1179 1179 2 out	1074 5	0 566	0 39	1 77	328	0	Nosema	1	ENNVADGLSR	10	ABE26651 1	pol polyprotein	0 9967
46	2007-09-04-17 2931 2931 3 out	1776	1 024	0 62	1 77	470	0	Nosema	1	LYVGNVEFPLLAKNAK	16	ABE27268 1	unknown	0 9978
32	2007-09-04-17 2644 2644 2 out	1519 8	1 356	0 45	1 74	361	0	Nosema|Nosema|Nosema|Nosema|Nose	7	AMEDATVRLDGSVR	14	ABM26981 1	RNA polymerase II largest subunit	0 9886
7	2007-09-04-17 849 849 1 out	816 5	0 011	0 34	1 71	216	0	Nosema	1	NISNLKK	7	ABE27266 1	unknown	1
84	2007-09-04-17 5206 5206 3 out	3295 7	1 59	0 59	1 71	171	0	IIV6	1	LLLFFHTFLCHTFLCHTFNLLNYYFK	26	NP_149634 1	171R	0 9778
11	2007-09-04-17 2320 2320 2 out	1016 5	1 363	0 4	1 69	301	0	IIV6	1	FMKNFDSK	8	NP_149843 1	380R	0 9591
34	2007-09-04-17 4161 4161 2 out	1524 9	1 069	0 4	1 69	620	0	IIV6	1	SLGVVNEQLKVNIPK	14	NP_149859 1	396L	0 9942
25	2007-09-04-17 3806 3806 3 out	1292 7	1 604	0 38	1 68	262	1 099	ABPV	1	KVDVVNAFGESK	12	NP_066241 1	replicase polyprotein	0 9928
28	2007-09-04-17 5031 5031 2 out	1488 8	0 806	0 41	1 68	92	1 099	IIV6	1	ELYKLWIDALPK	12	NP_149900 1	437L	0 9813
47	2007-09-04-17 3276 3276 3 out	1778 9	0 126	0 41	1 68	516	0	Nosema	1	SVTEDTGYFYDLLKK	15	ABE26655 1	pol polyprotein	0 9958
55	2007-09-04-17 5284 5284 2 out	1947 8	1 452	0 44	1 66	128	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spore wall protein	0 9595
70	2007-09-04-17 6009 6009 3 out	2425 2	0 659	0 4	1 66	267	0	IIV6	1	HVLDVAM*LASSEGVSVYFNDKK	23	NP_149508 1	046L	0 9567
4	2007-09-04-17 1918 1918 2 out	736 5	0 228	0 42	1 65	213	0	IIV6	1	IIIIHK	6	NP_149680 1	217L	1
13	2007-09-04-17 7143 7143 2 out	1070 6	1 503	0 37	1 65	379	0	IIV6	1	LLWDWLPK	8	NP_149515 1	052R	0 9954
61	2007-09-04-17 1736 1736 3 out	2149	1 669	0 57	1 65	163	0	IIV6	1	MPFFQDILFYPMMMIPK	17	NP_149516 1	053R	0 9808
73	2007-09-04-17 4210 4210 3 out	2619 5	1 647	0 43	1 65	256	0	IIV6	1	EPTILPPIKLEQIAYIRAGDEPR	23	NP_149664 1	201R	0 9854
33	2007-09-04-17 4105 4105 2 out	1522 9	0 507	0 39	1 64	462	0	IIV6	1	ALFKLNDILFTLD	13	NP_149905 1	442L	0 9818
45	2007-09-04-17 5454 5454 2 out	1750 9	1 409	0 44	1 63	169	0 693	IIV6	1	GHQNLYKNM*ILYIK	15	NP_149751 1	288R	0 975
41	2007-09-04-17 5540 5540 2 out	1702	1 332	0 41	1 6	249	0	Nosema	1	AIEEIVIVKHGIPQR	15	ABE26654 1	pol polyprotein	0 9852
79	2007-09-04-17 3026 3026 3 out	2854 4	1 546	0 5	1 6	109	0 693	Nosema	1	NLGLYM*PVQWEFSRLNM*PDALLSK	26	AAB62548 1	glutaminyl-tRNA synthetase	0 9925
74	2007-09-04-17 4999 4999 3 out	2653 4	1 053	0 42	1 58	135	0	BQCV	1	VKFATNHVSRLM*LLNHVQCDIAK	24	NP_620565 1	structural polyprotein	0 9973
17	2007-09-04-17 2805 2805 2 out	1123 6	1 524	0 5	1 56	250	0	IIV6	1	M*TTQNPFIR	10	NP_149639 1	176R	0 9982
60	2007-09-04-17 3062 3062 3 out	2115 2	1 496	0 42	1 55	173	1 099	IIV6	1	IRLAVLVDIEKEVSFLDR	18	NP_149615 1	152R	0 9923
9	2007-09-04-17 3378 3378 2 out	880 5	1 12	0 56	1 54	287	0 693	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 9955
40	2007-09-04-17 4803 4803 2 out	1661 9	0 183	0 48	1 54	80	1 386	VDV1|VDV1	2	PVCNRSPM*LLFKIK	15	YP_145791 1	polyprotein	0 9867
8	2007-09-04-17 2706 2706 2 out	858 5	0 538	0 46	1 52	273	0	IIV6	1	LTNKNLR	7	NP_149647 1	184R	1
49	2007-09-04-17 4460 4460 2 out	1810	0 289	0 43	1 51	226	0	IIV6	1	FEEALSAQFQIRSRK	15	NP_149612 1	149L	0 9905
16	2007-09-04-17 1838 1838 2 out	1113 7	0 532	0 46	1 5	154	0	IIV6	1	KILDIPKMR	9	NP_149707 1	244L	0 9505

Test 10

Sr No	File Name	(M+H)	+V	+Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
45	2007-09-14-01.3855.3855.2.out	1790.9	0.448	0.63	3.64	745	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863.1	actin	0.9768
23	2007-09-14-01.3019.3019.2.out	1515.7	0.58	0.64	3.15	1117	0	Nosema	1	IWHHTFYNELR	11	AAB86863.1	actin	1
26	2007-09-14-01.4778.4778.2.out	1614.9	1.509	0.47	3.09	623	0	IIV6	1	TILTTKVQNINEK	14	NP_149513.1	050L	0.96
2	2007-09-14-01.3163.3163.2.out	1130.6	0.712	0.46	2.84	680	0	Nosema|Nosema|Nosema|Nosema|Nc	14	FPGQLNADLR	10	AAZ23552.1	beta-tubulin	0.9933
10	2007-09-14-01.1344.1344.2.out	1229.7	1.685	0.33	2.58	585	0	IIV6	1	EIQLMKNILK	10	NP_149723.1	260R	0.9906
7	2007-09-14-01.1092.1092.2.out	1171.6	0.383	0.59	2.5	683	0	Nosema	1	HKGVMVGMGQK	11	AAB86863.1	actin	0.9937
29	2007-09-14-01.3810.3810.3.out	1668	1.723	0.42	2.43	1069	0	Nosema	1	IKVIQEVQIDILEK	14	ABE27269.1	unknown	0.992
102	2007-09-14-01.6636.6636.3.out	3132.4	1.267	0.46	2.43	207	0	KBV|KBV|KBV|KBV	4	TEVMDPAPCEYVANLFSYWRATM*CYR	27	YP_308662.1	VP2	0.9848
79	2007-09-14-01.4892.4892.3.out	2403.2	1.071	0.47	2.41	149	0.693	Nosema	1	EEDIEKTAFACREGLFEFLR	20	ABE26655.1	pol polyprotein	0.9838
16	2007-09-14-01.1200.1200.2.out	1344.7	0.576	0.31	2.35	414	0	IIV6	1	IENENNLEEIK	11	NP_149776.1	313L	0.9973
9	2007-09-14-01.1050.1050.2.out	1204.7	0.931	0.28	2.32	440	0	IIV6	1	NAERFVEVLK	10	NP_149548.1	085L	0.9972
39	2007-09-14-01.5221.5221.3.out	1754	0.357	0.53	2.3	301	0	IIV6	1	VNGKPEVCNIARLVNK	16	NP_149639.1	176R	0.9822
40	2007-09-14-01.2976.2976.3.out	1755.8	0.478	0.54	2.25	911	0	VDV1|VDV1	2	RSSLECQYIEPSTSR	15	YP_145791.1	polyprotein	0.9769
82	2007-09-14-01.6236.6236.3.out	2440.2	1.39	0.34	2.23	206	0.693	IIV6	1	VIPFESTFKDSIDDISLEEQK	21	NP_149647.1	184R	0.9617
18	2007-09-14-01.3320.3320.2.out	1430.8	1.345	0.33	2.21	158	0.693	Nosema	1	NMLEIRNKTPSK	12	ABE26651.1	pol polyprotein	0.9878
81	2007-09-14-01.5222.5222.3.out	2438.2	1.848	0.36	2.18	172	1.099	Nosema	1	VYFYTLVSKDTEEM*YYSRK	20	AAT12293.1	DNA repair helicase RAD25	0.9871
17	2007-09-14-01.3829.3829.2.out	1374.7	0.759	0.34	2.08	368	0	Nosema	1	EVMRIQAESIAK	12	AAT12295.1	phospholipase D	0.9734
37	2007-09-14-01.3948.3948.3.out	1746.8	1.531	0.34	2.08	377	0	IIV6	1	EEDEVYDFANNFVR	14	NP_149731.1	268L	0.9919
22	2007-09-14-01.7235.7235.2.out	1492.9	0.65	0.33	2.06	355	0	Nosema	1	VLDNRHLGSIKLK	13	BAF76326.1	heat shock protein 70	0.998
95	2007-09-14-01.6648.6648.3.out	2917.5	1.83	0.41	2.03	209	0	IIV6	1	DLQM*NITKYHLQPLFNKLLDEEAK	25	NP_149917.1	454R	0.9852
87	2007-09-14-01.4547.4547.3.out	2542.3	1.918	0.4	2	264	0	Nosema|Nosema|Nosema|Nosema|Nc	8	LPGMTMKESFESQVNYVLNKAR	22	ABM26981.1	RNA polymerase II largest subunit	0.9704
76	2007-09-14-01.6687.6687.3.out	2320.1	0.268	0.38	1.99	95	1.386	IIV6	1	CAKGCCILNFTNEIMHFKNK	20	NP_149877.1	414L	0.956
48	2007-09-14-01.3375.3375.3.out	1826	0.575	0.4	1.97	438	0	DWV	1	PEMDRILNLAEGLLNK	16	ABB36638.1	polyprotein	0.9908
3	2007-09-14-01.3763.3763.2.out	1143.6	1.707	0.64	1.96	980	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161.1	beta-tubulin	0.9955
94	2007-09-14-01.7049.7049.3.out	2854.4	1.18	0.35	1.96	228	0	ABPV|ABPV	2	AGNDDFTFGWLIGTPQTQGITRTETK	26	NP_066242.1	capsid protein	0.9698
42	2007-09-14-01.3225.3225.3.out	1776.9	1.284	0.55	1.93	263	0	Nosema	1	MVCEDCNNRQPVIKK	15	AAD12605.1	RNA polymerase II largest subunit	0.9615
97	2007-09-14-01.5684.5684.3.out	3052.4	1.858	0.38	1.93	116	0.693	IIV6	1	PFFFM*ENDSEYDQELMRLKDVLNR	25	NP_149818.1	355R	0.9636
99	2007-09-14-01.6209.6209.3.out	3091.6	1.939	0.49	1.93	86	1.792	IIV6	1	NNIDVTKNNLIYLNDLSTVSIDDLQEK	27	NP_149513.1	050L	0.9801
84	2007-09-14-01.5581.5581.3.out	2448.1	0.004	0.48	1.92	141	1.099	IIV6	1	EIIFGSICGTADVDEDSYEEKK	22	NP_149625.1	162R	0.9888
91	2007-09-14-01.3847.3847.3.out	2743.5	1.914	0.5	1.92	136	1.386	KBV|KBV|KBV|KBV|KBV	5	PVTAAVKWFADIVGGVAAIFGWSKPR	26	ABN49472.1	VP4 protein	0.9723
104	2007-09-14-01.4994.4994.3.out	3203.6	1.04	0.4	1.91	133	2.197	IIV6	1	LKTFNDYRHSLEPQFFAVAIYDTDNAK	27	NP_149778.1	315L	0.9821
57	2007-09-14-01.5786.5786.3.out	1990.1	0.924	0.41	1.9	175	1.386	VDV1|VDV1	2	TLWADLQRVGSEISTSVK	18	YP_145791.1	polyprotein	0.9871
78	2007-09-14-01.6445.6445.3.out	2361.3	1.981	0.39	1.9	130	0	Nosema	1	IFGETLDNAVGNCLDKAARILK	22	ABQ69714.1	unknown	0.9854
105	2007-09-14-01.6647.6647.3.out	3311.8	1.776	0.45	1.89	157	1.099	Kakugo	1	WGSASDQIAQWPTISVPRGELAFLRIXDGK	30	YP_015696.1	polyprotein	0.9521
54	2007-09-14-01.3435.3435.3.out	1884	0	0.41	1.88	254	0	Nosema|Nosema|Nosema	3	KLDMGAKEYSLMGLLSK	17	ABM26981.1	RNA polymerase II largest subunit	0.9769
24	2007-09-14-01.4141.4141.2.out	1524.9	1.744	0.44	1.87	637	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859.1	396L	0.9937
106	2007-09-14-01.6589.6589.3.out	3436.7	0.349	0.39	1.87	119	0	Nosema	1	SIFDLFSEMKDHETFANELYYAALARILK	29	AAB54170.2	Hypothetical protein C44E4.2	0.989
44	2007-09-14-01.2057.2057.3.out	1782.9	0.938	0.35	1.86	225	0	SV|SV|SV|SV	4	PVASTTSTIEVLVYM*R	17	NP_049374.1	polyprotein	0.9969
36	2007-09-14-01.7369.7369.3.out	1737.9	1.946	0.39	1.86	330	0	IIV6	1	NGGYPNLETFKVSRR	15	NP_149722.1	259R	0.9993
75	2007-09-14-01.4571.4571.2.out	2250.2	0.707	0.43	1.85	283	0	IIV6	1	MNLKFIFPNVDTDIINVKNK	19	NP_149597.1	134L	0.9872
15	2007-09-14-01.1202.1202.2.out	1323.5	0.666	0.49	1.84	194	0	Nosema	1	EDDESEKNDDK	11	ABV48893.1	hypothetical spore wall protein	0.9903
41	2007-09-14-01.2103.2103.3.out	1756	0.604	0.38	1.84	394	0	IIV6	1	LMLLKDYFQTSGLVK	15	NP_149891.1	428L	0.981
63	2007-09-14-01.770.770.3.out	2033	0.113	0.38	1.83	110	0.693	KBV|KBV	2	SYEEIKM*QQHIDKVIR	17	NP_851403.1	non-structural polyprotein	0.9862
12	2007-09-14-01.5649.5649.2.out	1285.7	0.351	0.43	1.82	950	0	IIV6	1	EAQKIEKIGNR	11	NP_149612.1	149L	0.973
86	2007-09-14-01.4128.4128.3.out	2497.1	1.413	0.41	1.82	248	0	Nosema	1	M*CVDYRALNSVTTRDSYM*SPR	23	ABE26654.1	pol polyprotein	0.9864
25	2007-09-14-01.4291.4291.2.out	1557.9	0.183	0.43	1.8	484	0	Nosema	1	M*KLLNENDIKPVK	14	ABV48894.1	hypothetical spore wall protein	0.9953
107	2007-09-14-01.5929.5929.3.out	3490.6	1.16	0.41	1.8	89	0	IIV6	1	VDKVYDASAPFGQQGNGDFM*SVPGTFQSM*VPPR	35	NP_149580.1	117L	0.9874
85	2007-09-14-01.2565.2565.3.out	2458.1	1.243	0.4	1.79	108	0.693	IIV6	1	DDIM*TYDIVTTYDVCLFACK	22	NP_149635.1	172L	0.9752
32	2007-09-14-01.4153.4153.2.out	1722.9	0.5	0.4	1.78	220	0	IIV6	1	MIENRLNFRLNFR	13	NP_149761.1	298R	0.9975
1	2007-09-14-01.2767.2767.2.out	1102.6	0.844	0.35	1.77	387	0	IIV6	1	ERLICEALR	9	NP_149585.1	122R	0.9755
80	2007-09-14-01.3851.3851.3.out	2425.2	0.29	0.38	1.77	288	0	IIV6	1	HVLDVAM*LASSEGVSVYFNDKK	23	NP_149508.1	045L	0.9631
31	2007-09-14-01.2918.2918.3.out	1711.8	1.185	0.43	1.76	185	0	IIV6	1	ESMEKQYPECLKVK	14	NP_149639.1	176R	0.9667
27	2007-09-14-01.3884.3884.2.out	1617.8	1.799	0.39	1.74	367	0	Nosema	1	KFIEECDAIHADVK	14	AAC47660.1	mitochondrial-type HSP70	0.9778
77	2007-09-14-01.5857.5857.3.out	2340.3	0.587	0.55	1.74	60	2.398	IIV6	1	VLEIYCNVQNTLPPLPAQLSK	21	NP_149485.1	022L	0.965
8	2007-09-14-01.3173.3173.2.out	1186.7	1.609	0.39	1.73	339	0	IIV6	1	HHAPIKINEK	10	NP_149858.1	395R	0.9853
11	2007-09-14-01.2490.2490.2.out	1233.6	0.208	0.57	1.73	289	0	IIV6	1	ENTNPEFAIAK	11	NP_149917.1	454R	0.9971
21	2007-09-14-01.4971.4971.2.out	1446	1.965	0.43	1.73	330	0	IIV6	1	KLNQIHLLILIK	12	NP_149667.1	204L	0.9927
47	2007-09-14-01.1223.1223.3.out	1803.8	1.94	0.38	1.73	98	0	Nosema	1	M*VHSDQFDPEVAERK	16	AAC47660.1	mitochondrial-type HSP70	0.9822
56	2007-09-14-01.4795.4795.2.out	1964.1	1.939	0.62	1.73	67	1.386	Nosema	1	DMIVIADLEQKFIPGFK	17	ABE27277.1	unknown	0.9826
64	2007-09-14-01.4235.4235.3.out	2040.2	0.427	0.42	1.73	185	0	IIV6	1	GIHLHFPHLFLPKKDIK	17	NP_149647.1	184R	0.9989
66	2007-09-14-01.999.999.3.out	2064.2	1.902	0.41	1.69	96	0.693	Nosema	1	RETVEELGIPIKEVNPLK	18	ABE26651.1	pol polyprotein	0.9984
73	2007-09-14-01.3457.3457.3.out	2194.1	0.504	0.42	1.69	189	0	IIV6	1	NKSHIMYDILQSYLYYQK	17	NP_149507.1	044R	0.9741
19	2007-09-14-01.3404.3404.2.out	1431.9	0.25	0.41	1.67	508	0	IIV6	1	IVSLSAKPFKVSR	13	NP_149929.1	466R	0.9857
55	2007-09-14-01.3465.3465.3.out	1962	1.516	0.48	1.67	269	0	Nosema	1	EEQASNLTDKTDGLERR	17	ABE26650.1	pol polyprotein	0.982
83	2007-09-14-01.6769.6769.3.out	2440.4	0.175	0.45	1.66	264	0	IIV6	1	LIYNNIIQNKLFKGVLHTPSK	21	NP_149668.1	205R	0.9699
60	2007-09-14-01.2394.2394.3.out	2079	0.345	0.48	1.64	339	0	Nosema	1	MEPDIKSLCVNHQVQNSH	18	ABE27267.1	unknown	0.9776
89	2007-09-14-01.4662.4662.3.out	2620.2	0.627	0.4	1.63	121	1.099	ABPV	2	SGMTWPLAIDLNNSLLDNVDEM*R	24	NP_066241.1	replicase polyprotein	0.9635
4	2007-09-14-01.3956.3956.2.out	1153.6	0.437	0.44	1.61	220	0	Nosema	1	TTPSTVTFGDK	11	AAC47660.1	mitochondrial-type HSP70	0.9946
46	2007-09-14-01.3521.3521.3.out	1796.9	0.149	0.46	1.6	203	0	MSCUT	1	PKEQYIPPELPNDEK	15	ABQ96192.1	vasa	0.9877
74	2007-09-14-01.2631.2631.3.out	2195	0.863	0.39	1.6	122	0	IIV6	1	FNFAGNIVVECDITYESIMK	19	NP_149675.1	212L	0.9578
101	2007-09-14-01.6548.6548.3.out	3129.6	1.974	0.42	1.6	205	0	DWV|DWV|DWV|DWV|Kakugo|VDV1	7	PIIGIHVAGTEGLHGFGVAEPLVHEM*FTGK	31	NP_853560.2	polyprotein	0.9766
69	2007-09-14-01.5708.5708.3.out	2083.1	1.078	0.45	1.58	144	1.609	Nosema	1	FSILLKIFSSPFNIDVDK	18	ABE27268.1	unknown	0.9903
88	2007-09-14-01.5324.5324.3.out	2609.4	0.885	0.42	1.58	95	0.693	IIV6	1	MRLQFLDLPGSM*NIHIRLPLTK	23	NP_149739.1	276L	0.9892
13	2007-09-14-01.2265.2265.2.out	1288.8	1.302	0.45	1.56	129	0	IIV6	1	ITGLLCVLVETK	12	NP_149718.1	255L	1
70	2007-09-14-01.1950.1950.3.out	2096	0.027	0.42	1.56	315	0	IIV6	1	IKM*NDNDDIVEIEKEM*K	19	NP_149765.1	302L	0.983
52	2007-09-14-01.3023.3023.3.out	1859	0.275	0.53	1.55	173	0	IIV6	1	EIKLIEQVNM*NEGIGR	17	NP_149731.1	268L	0.9786
20	2007-09-14-01.3215.3215.2.out	1432.8	0.447	0.52	1.54	96	0.693	Nosema	1	GAAENFLNSKIIR	13	BAF76326.1	heat shock protein 70	1
100	2007-09-14-01.4133.4133.3.out	3111.5	1.739	0.62	1.54	119	0.693	IIV6	1	INAICVNIFYYYAKNVLSMWSQPSMR	26	NP_149790.1	327R	0.9822
28	2007-09-14-01.7130.7130.3.out	1657.8	1.799	0.45	1.52	77	1.099	Nosema	1	DENLSINFEKSSFK	14	ABE26650.1	pol polyprotein	0.9915
67	2007-09-14-01.1514.1514.3.out	2066	0.161	0.51	1.51	130	0	Nosema	1	EAAKLVPM*GFTTASAYHQK	20	AAK68858.1	DNA repair protein	0.9932
103	2007-09-14-01.3908.3908.3.out	3188.6	1.026	0.45	1.51	164	0	SV|SV	2	DQQQTVSEKIPSTVGDLVIASSEPTQQFR	29	NP_049374.1	polyprotein	0.9814
34	2007-09-14-01.2528.2528.3.out	1731.9	0.502	0.41	1.5	371	0	Nosema	1	WCRLGALLVCPEDTR	15	AAU11093.1	unknown	0.9685
62	2007-09-14-01.4928.4928.3.out	2017.9	0.161	0.43	1.5	117	2.197	IAPV|IAPV	2	DNSAKLNEFLM*NYAESR	18	YP_001040002.1	polymerase polyprotein	0.988

Test 11

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
17	2007-09-14-02 4499 4499 2 out	1457 9	0 5	0 54	3 13	1244	0	Nosema|Nosema|Nosema|N	5	IIAQVVSSITASLR	14	AAZ23550 1	alpha-tubulin	0 9878
3	2007-09-14-02 3669 3669 2 out	1143 6	1 657	0 72	3	846	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9854
40	2007-09-14-02 3744 3744 2 out	1790 9	0 37	0 66	2 89	546	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9681
19	2007-09-14-02 4835 4835 2 out	1614 9	1 273	0 51	2 67	579	0	IIV6	1	TILTTKVQNINIIEK	14	NP_149513 1	050L	0 9603
22	2007-09-14-02 3717 3717 3 out	1670 8	0 292	0 34	2 66	555	0	IIV6	1	EM*LDLRLMMEDMK	14	NP_149463 1	468L	0 9593
7	2007-09-14-02 1574 1574 2 out	1171 6	0 581	0 63	2 42	717	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9861
2	2007-09-14-02 3148 3148 2 out	1130 6	0 041	0 35	2 41	771	0	Nosema|Nosema|Nosema|N	14	FPGQLNADLR	10	AAZ23552 1	beta-tubulin	0 974
14	2007-09-14-02 3837 3837 2 out	1268 6	1 782	0 37	2 32	616	0 693	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9793
118	2007-09-14-02 5885 5885 3 out	3092 5	0 582	0 57	2 21	263	0	VDV1|VDV1	2	DNEFLMEQLNNLYTIYSIAERCTRR	25	YP_145791 1	polyprotein	0 9644
15	2007-09-14-02 3690 3690 2 out	1401 8	0 782	0 42	2 17	434	0	IIV6	1	ELNLLTLNTENK	12	NP_149803 1	340R	0 9764
26	2007-09-14-02 1127 1127 3 out	1679 9	0 792	0 3	2 11	392	0	IIV6	1	SLHVLTPGEAQQMIR	15	NP_149625 1	162R	0 9571
94	2007-09-14-02 4439 4439 3 out	2433 2	1 418	0 31	2 06	356	0	IIV6	1	KTGSIITTRLLEWMGYSGEYK	21	NP_149883 1	420R	0 9779
9	2007-09-14-02 4259 4259 2 out	1215 6	0 782	0 47	2 04	83	1 386	IIV6	1	DLDLDNIKNLR	10	NP_149879 1	416R	0 986
93	2007-09-14-02 4966 4966 3 out	2389 1	1 62	0 29	2 02	355	0	IIV6	1	GADDKNNYEM*FEQLGDVSVNK	22	NP_149605 1	142R	0 9662
4	2007-09-14-02 3393 3393 2 out	1159 6	1 727	0 48	2	671	0	Nosema|Nosema	2	LAVNM*VPFPR	11	AAN35161 1	beta-tubulin	1
68	2007-09-14-02 6934 6934 3 out	2057	0 576	0 3	2	190	0	Nosema	1	IEVSVSNDHIGTVNAALCSK	20	AAT72743 1	translation elongation factor 2	0 9651
92	2007-09-14-02 4046 4046 3 out	2382 3	1 76	0 31	1 99	263	0	IIV6	1	M*IEIPLVNKINADQDVLIIK	21	NP_149714 1	251L	1
78	2007-09-14-02 4192 4192 3 out	2136	1 052	0 54	1 97	415	0	Nosema	1	PSSESENMGQPITSQIRFK	19	ABE26653 1	pol polyprotein	0 9846
1	2007-09-14-02 2921 2921 1 out	700 5	1 007	0 19	1 96	420	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
5	2007-09-14-02 1991 1991 2 out	1164 6	1 387	0 39	1 94	210	0	Nosema	1	LKDCNCLDLK	10	ABE26649 1	pol polyprotein	0 9548
6	2007-09-14-02 3299 3299 2 out	1166 6	1 05	0 5	1 93	252	0	IIV6	1	LNISM*KESTK	11	NP_149681 1	218R	0 9576
11	2007-09-14-02 3659 3659 2 out	1229 6	1 918	0 46	1 92	230	1 099	Nosema|Nosema	2	ISDQFSVMFR	10	AAN35161 1	beta-tubulin	1
21	2007-09-14-02 3719 3719 3 out	1668	0 44	0 3	1 92	586	0	Nosema	1	IKVIQEVQIDILEK	14	ABE27269 1	unknown	0 9598
31	2007-09-14-02 5505 5505 3 out	1717	1 428	0 3	1 91	286	0	IIV6	1	TLIFKTIKDYSFIK	14	NP_149716 1	253L	0 962
91	2007-09-14-02 4311 4311 3 out	2337 1	0 189	0 41	1 91	258	0	IIV6	1	NKSPLLNESEKMMSEMLPMK	20	NP_149523 1	060L	0 9658
44	2007-09-14-02 3382 3382 3 out	1827 9	1 201	0 29	1 9	341	0	IIV6	1	ENKNLFIPDTDPPLSK	16	NP_149750 1	287R	0 9675
62	2007-09-14-02 5254 5254 3 out	1990 2	0 902	0 57	1 9	146	1 792	Nosema	1	IEGIVGKGVTLGRTVIHIK	19	ABE26648 1	pol polyprotein	0 9987
61	2007-09-14-02 6243 6243 3 out	1989	1 616	0 44	1 89	245	0	IIV6	1	SSNDIYSLILQHSRNNK	17	NP_149691 1	228L	0 9986
103	2007-09-14-02 6212 6212 3 out	2657 2	0 912	0 5	1 89	199	0	Nosema	1	FSDHDSNLFGYSTTAGDIVINDIR	24	ABO69725 1	unknown	0 9749
27	2007-09-14-02 850 850 3 out	1685 9	0 897	0 29	1 87	216	0	IIV6	1	TLTVYGGTLSLEEFR	15	NP_149813 1	350L	0 9551
71	2007-09-14-02 5441 5441 3 out	2070 1	0 325	0 33	1 87	155	1 099	Nosema	1	ITLVLKWIYKCMNTTSR	17	ABV48890 1	hypothetical spore wall protein	0 9954
106	2007-09-14-02 5127 5127 3 out	2754 8	0 4	0 55	1 86	315	0 693	IIV6	1	VTLLLLLIAVLLLLLIFM*KVCKQK	25	NP_149679 1	216R	0 9776
73	2007-09-14-02 4856 4856 3 out	2075 9	1 16	0 34	1 83	943	0	Nosema	1	FNEQCGREM*EVLMSMKK	18	ABV48900 1	hypothetical spore wall protein	0 9542
125	2007-09-14-02 6207 6207 3 out	3427 5	1 331	0 4	1 83	208	0	ABPV|ABPV	2	TENDTTQTNTEVLDPAPCEYVCNMFSYWR	29	AAL05919 1	capsid polyprotein	0 9943
97	2007-09-14-02 6162 6162 3 out	2618	0 648	0 34	1 82	291	0	MSCUT	1	DGDDNNDYEDNDYQDNRNDRR	21	ABQ96192 1	vasa	0 9885
79	2007-09-14-02 5705 5705 3 out	2154	0 419	0 4	1 81	288	0 693	IIV6	1	FDHYHLDFWAAFTTPASK	18	NP_149737 1	274L	0 9986
10	2007-09-14-02 4150 4150 2 out	1222 6	0 647	0 47	1 8	322	0	IIV6	1	NNKDLKFDTK	10	NP_149612 1	149L	0 9692
42	2007-09-14-02 3831 3831 3 out	1800	1 054	0 44	1 8	180	0 693	IIV6	1	TSSKMFFLLGLLNSNK	16	NP_149870 1	407R	0 986
70	2007-09-14-02 1624 1624 3 out	2068 1	1 794	0 54	1 79	126	0	KBV	1	VSIGTNVYSQDWSKTVRK	18	AAF21998 1	RNA polymerase	0 9665
33	2007-09-14-02 1428 1428 3 out	1745 8	1 517	0 46	1 78	351	0	IIV6	1	NSFHSTKNFQNM*M*K	16	NP_149543 1	080L	0 9921
16	2007-09-14-02 1300 1300 2 out	1408 9	0 794	0 45	1 77	144	0	Nosema	1	VM*LIGYISKIKK	13	ABM26979 1	RNA polymerase II largest subunit	0 9702
72	2007-09-14-02 5510 5510 3 out	2075 1	0 704	0 4	1 77	274	0 693	Nosema	1	SVGVVHHGRQQYPAAEVLK	19	AAB62548 1	glutaminyl-tRNA synthetase	0 9983
37	2007-09-14-02 1752 1752 3 out	1774 9	1 964	0 51	1 73	158	0	IIV6	1	QKNIEVRM*INFPNR	15	NP_149714 1	251L	0 9699
104	2007-09-14-02 6038 6038 3 out	2697 5	1 181	0 42	1 73	169	0	IIV6	1	EFKISISGVVSYVNMSSLHFVILK	24	NP_149927 1	464R	0 991
110	2007-09-14-02 6270 6270 3 out	2796 3	0 486	0 34	1 73	151	1 099	Nosema	1	GRALM*WYRAHEEEEFTSYMVFK	23	ABE26648 1	pol polyprotein	0 9837
90	2007-09-14-02 5832 5832 3 out	2336 2	0 495	0 47	1 72	245	0	Nosema	1	MYWAKKILEWSVSPEEALR	19	AAU11091 1	class-II photolyase	0 9695
24	2007-09-14-02 3315 3315 3 out	1675 8	0 406	0 37	1 7	196	0	Nosema	1	TAFAWKGGLYEYNR	14	ABE26653 1	pol polyprotein	0 9841
87	2007-09-14-02 5819 5819 3 out	2303 2	1 707	0 39	1 7	250	0	SV	1	VMNMATTFGHLIARVYEPPR	20	AAL79021 1	AF469603_1 polyprotein	0 993
112	2007-09-14-02 6218 6218 3 out	2843 5	0 956	0 54	1 7	193	0	IAPV|IAPV	2	TWFTLLLKYIDYAPISTNSRGMPR	24	YP_001040002 1	polymerase polyprotein	0 998
35	2007-09-14-02 5327 5327 3 out	1754	0 458	0 34	1 69	287	0	IIV6	1	NEIKKIFSLLHHFK	14	NP_149837 1	374R	0 9798
119	2007-09-14-02 6152 6152 3 out	3127 6	0 119	0 33	1 69	318	0	VDV1|VDV1	2	HVYPFLPTRVVPDWTTGILDM*GTLNIR	28	YP_145791 1	polyprotein	0 9667
29	2007-09-14-02 6550 6550 3 out	1712 9	0 928	0 32	1 67	327	0	IIV6	1	QALLNTAGSSIM*YLSK	17	NP_149618 1	155L	0 9825
52	2007-09-14-02 6336 6336 3 out	1905	0 012	0 6	1 67	58	2 197	Nosema	1	GLCYYILPPESIFDFK	16	ABO69713 1	Sec61alpha	0 9573
74	2007-09-14-02 5661 5661 3 out	2076 8	0 917	0 35	1 67	224	1 386	IIV6	1	TSLEYDEFM*EM*FM*VEK	19	NP_149612 1	149L	0 9929
45	2007-09-14-02 6898 6898 3 out	1833 9	0 544	0 36	1 66	139	0 693	IIV6	1	RSEYVYSLFGKENNK	15	NP_149527 1	064L	0 9687
63	2007-09-14-02 2098 2098 3 out	2002	1 958	0 35	1 66	195	0 693	IIV6	1	ENAWM*EESM*KLFTLIK	18	NP_149578 1	115R	0 9974
76	2007-09-14-02 6104 6104 2 out	2085 1	0 413	0 49	1 66	105	1 386	IIV6	1	NGFLDVDLDKLHEESILK	18	NP_149859 1	396L	0 9813
56	2007-09-14-02 5973 5973 3 out	1948 9	1 071	0 47	1 65	157	0 693	Nosema	1	TECEDEAGCGNKQPVIKK	18	ABM26980 1	RNA polymerase II largest subunit	0 9785
8	2007-09-14-02 890 890 2 out	1198 7	0 414	0 46	1 64	183	0	IIV6	1	IKINIYHIGK	10	NP_149921 1	458R	0 9882
34	2007-09-14-02 5094 5094 3 out	1752	1 644	0 46	1 62	129	1 386	KBV|KBV|KBV|KBV|KBV|K	6	TAANGIERIPVLGEIAK	17	ABN49472 1	VP4 protein	0 9785
113	2007-09-14-02 6180 6180 3 out	2856 3	1 192	0 42	1 62	224	1 099	Nosema|Nosema|Nosema|N	9	QGPYGELFRPDNFVFGQSGAGNNWAK	26	AAZ23552 1	beta-tubulin	0 9845
13	2007-09-14-02 3153 3153 2 out	1264 7	1 496	0 51	1 61	309	0	IIV6	1	INGLIDISEYK	11	NP_149758 1	295L	1
69	2007-09-14-02 3642 3642 3 out	2064 1	0 191	0 38	1 61	110	1 609	IIV6	1	LEELIKLYLEYSLYFK	16	NP_149851 1	388R	0 972
18	2007-09-14-02 3203 3203 2 out	1485 9	0 272	0 47	1 6	429	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9847
23	2007-09-14-02 6675 6675 3 out	1672 8	0 493	0 42	1 6	222	0	IIV6	1	VNDEKIDVYGEVHR	14	NP_149485 1	022L	1
38	2007-09-14-02 2946 2946 3 out	1782	0 319	0 54	1 58	272	0	ABPV	1	GLEISRNIAELKLPTK	16	NP_066241 1	replicase polyprotein	0 9886
49	2007-09-14-02 3839 3839 3 out	1881 9	0 611	0 39	1 58	150	0	IIV6	1	MINVPLDGNCM*FSVIGR	18	NP_149695 1	232R	0 9786
48	2007-09-14-02 1414 1414 3 out	1840 9	0 445	0 43	1 57	220	0	Nosema	1	IYDISNDDVRRAM*EK	16	ABO69724 1	unknown	0 9942
59	2007-09-14-02 6532 6532 3 out	1951	1 069	0 49	1 56	235	0	IIV6	1	EEILCTKKEQNIDMEK	16	NP_149803 1	340R	0 9549
100	2007-09-14-02 6845 6845 3 out	2634 4	1 612	0 39	1 56	211	0	IIV6	1	TYPQLSM*DFTPRTIMTKSLLFK	23	NP_149902 1	439L	0 9928
30	2007-09-14-02 1078 1078 3 out	1716 7	1 503	0 45	1 55	189	0	IIV6	1	M*NEKGCVYGGGAFDPR	17	NP_149867 1	404L	0 9782
102	2007-09-14-02 5416 5416 3 out	2653 4	1 455	0 34	1 55	195	0	BQCV	1	VKFATNHVSRLM*LLNHVQCDIAK	24	NP_620565 1	structural polyprotein	0 9572
83	2007-09-14-02 6099 6099 3 out	2237	1 531	0 41	1 54	295	0	IIV6	1	VIEDM*IGIDNLNDKM*DQNK	21	NP_149647 1	184R	0 978
120	2007-09-14-02 3770 3770 3 out	3188 6	1 017	0 5	1 54	173	0	SV|SV	2	DQQQTVSEKIPSTVGDLVIASSEPTQQFR	29	NP_049374 1	polyprotein	0 9828
12	2007-09-14-02 2361 2361 2 out	1242 6	0 114	0 49	1 53	369	0	IIV6	1	M*ALYSHMFAR	11	NP_149556 1	093R	0 9856
55	2007-09-14-02 3968 3968 3 out	1933 1	1 8	0 36	1 53	205	0	Nosema	1	LDLRGFQWVVDTIKDK	16	ABM26980 1	RNA polymerase II largest subunit	0 9797
84	2007-09-14-02 4254 4254 3 out	2250 1	0 421	0 38	1 53	190	0	Nosema	1	IPPEYQMEIIDMQSNSNLK	19	ABE27268 1	unknown	0 9882
101	2007-09-14-02 5751 5751 3 out	2645 2	1 656	0 43	1 52	113	1 386	Nosema	1	MYARIFMSYRVNSADSFM*INGR	23	ABV48897 1	hypothetical spore wall protein	0 9938
51	2007-09-14-02 2771 2771 3 out	1904 1	0 966	0 41	1 51	189	0	Nosema	1	IKPGVIEEKHVADVIEK	17	ABY49795 1	hypothetical spore wall protein 13	0 994
82	2007-09-14-02 5746 5746 3 out	2199 2	0 086	0 51	1 51	191	1 386	Nosema	1	IDALHACIVSALLRTPHRGR	20	AAT12295 1	phospholipase D	0 9866
41	2007-09-14-02 4457 4457 3 out	1797 9	0 578	0 36	1 5	222	0	IIV6	1	QGELLLNTLQPFDGPR	16	NP_149758 1	295L	0 9566
75	2007-09-14-02 6189 6189 2 out	2080	0 133	0 51	1 5	147	0	IIV6	1	WLM*ISSFSIHAGDCIKQK	19	NP_149639 1	176R	0 952
85	2007-09-14-02 6699 6699 3 out	2275 3	1 675	0 37	1 5	262	0	Nosema|Nosema|Nosema|N	8	RSTRDVVLIVLNDFSHYLK	19	ABV48889 1	spore wall protein	0 9569

Test 12

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
59	2007-09-14-04 3642 3642 2 out	1790 9	0 463	0 56	3 13	570	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9872
37	2007-09-14-04 4405 4405 2 out	1457 9	0 27	0 49	2 98	784	0 693	Nosema|Nosema|N	5	IIAQVVSSITASLR	14	AAZ23550 1	alpha-tubulin	0 9879
69	2007-09-14-04 3318 3318 3 out	1962	1 624	0 54	2 71	186	0 693	Nosema	1	EEQASNLTDKTDGLERR	17	ABE26650 1	pol polyprotein	0 9865
16	2007-09-14-04 716 716 2 out	1171 6	0 386	0 62	2 43	365	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9772
78	2007-09-14-04 6354 6354 3 out	2079	1 656	0 42	2 35	339	1 386	IIV6	1	NWGDKGYFKIAMYPFNK	17	NP_149687 1	224L	0 9988
46	2007-09-14-04 3617 3617 2 out	1614 9	0 211	0 28	2 26	590	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9588
95	2007-09-14-04 3952 3952 3 out	2873 4	1 493	0 41	2 25	208	1 099	IIV6	1	DDVNPIIFDLVDNNKTLQKHYSER	24	NP_149624 1	161L	0 9994
77	2007-09-14-04 3919 3919 3 out	2074 2	1 291	0 38	2 23	217	1 946	KBV	1	HFVNTGVTLIIPHRDLNK	18	AAZ14864 1	non-structural polyprotein	0 9839
61	2007-09-14-04 4270 4270 2 out	1801 8	1 641	0 5	2 2	237	0	Nosema	1	ADGM*KIEEFNKQTM*K	17	ABV48897 1	hypothetical spore wall protein	0 9809
41	2007-09-14-04 5353 5353 2 out	1492 9	0 635	0 4	2 14	292	1 099	Nosema	1	VLDNRHLGSIKLK	13	BAF76326 1	heat shock protein 70	0 9792
63	2007-09-14-04 3504 3505 2 out	1812	1 503	0 25	2 14	355	0	Nosema	1	YEIIKKENNEYQIK	14	ABV48894 1	hypothetical spore wall protein	0 9597
13	2007-09-14-04 788 788 2 out	1144 6	1 606	0 25	2 13	236	0 693	IIV6	1	EQIALDTINK	10	NP_149664 1	201R	0 956
53	2007-09-14-04 5358 5358 3 out	1704 9	0 281	0 45	2 1	491	0	Nosema	1	WLGPFTITKTRQEK	14	ABE26650 1	pol polyprotein	0 984
15	2007-09-14-04 2514 2514 2 out	1163 6	0 578	0 42	2 08	410	0	IIV6	1	ETVGVLFKDR	10	NP_149770 1	307L	0 9748
44	2007-09-14-04 2689 2689 2 out	1548 9	0 439	0 35	2 03	173	0	IIV6	1	GSISLNLAAFKNVSK	15	NP_149807 1	344R	0 9876
68	2007-09-14-04 3929 3929 3 out	1957 9	0 302	0 47	2 02	203	0	DWV|DWV|DWV|D	5	M*EFTDQDKSGNTVKWR	17	ABM64819 1	polyprotein	0 9542
56	2007-09-14-04 2889 2889 3 out	1755 8	0 554	0 47	2 01	1039	0	VDV1|VDV1	2	RSSLECQYIEPSTSR	15	YP_145791 1	polyprotein	0 9876
26	2007-09-14-04 4728 4728 2 out	1302 8	0 663	0 25	2	290	0	IIV6	1	MLILNCLQKVK	11	NP_149723 1	260R	0 9668
76	2007-09-14-04 4104 4104 2 out	2066	0 828	0 4	2	286	0	Nosema	1	EAAKLVPM*GFTTASAYHQK	20	AAK68858 1	DNA repair protein	0 9884
30	2007-09-14-04 2176 2176 2 out	1345 7	1 835	0 32	1 99	206	1 099	Nosema	1	NCIVNGIVLASDK	13	AAC41564 1	isoleucyl-tRNA synthetase	0 9944
43	2007-09-14-04 3844 3844 2 out	1524 9	0 737	0 3	1 96	927	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859 1	396L	0 9711
23	2007-09-14-04 2713 2713 2 out	1240 7	1 615	0 33	1 95	256	1 099	IIV6	1	GRTIGGVTLPGGR	13	NP_149676 1	213R	0 9942
40	2007-09-14-04 5939 5939 2 out	1492 8	0 655	0 3	1 95	226	0	IIV6	1	MDLKDEFIQIIK	12	NP_149852 1	389L	0 9926
72	2007-09-14-04 3552 3552 3 out	2008	1 366	0 46	1 95	445	0	ABPV	1	INSDGELDSKSIVENIM*K	19	NP_066241 1	replicase polyprotein	0 9766
25	2007-09-14-04 3741 3741 2 out	1268 6	0 656	0 4	1 93	648	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9709
4	2007-09-14-04 3687 3687 2 out	1102 7	0 615	0 48	1 91	673	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9827
47	2007-09-14-04 2699 2699 2 out	1626 9	0 258	0 33	1 9	183	0	IIV6	1	KIFSSKWQQSLFK	13	NP_149538 1	075L	0 9841
67	2007-09-14-04 6812 6812 3 out	1939 1	1 382	0 39	1 89	143	1 609	Nosema	1	YHKLNINPVKLFIDPK	16	ABE26651 1	pol polyprotein	0 9917
10	2007-09-14-04 1012 1012 2 out	1135 6	0 795	0 31	1 87	539	0	MSCUT	1	GRTGFNNKNK	10	ABQ96192 1	vasa	0 9838
29	2007-09-14-04 2181 2181 2 out	1344 7	0 288	0 34	1 86	345	0 693	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9583
14	2007-09-14-04 3403 3403 2 out	1162 5	0 75	0 3	1 85	642	0	IIV6	1	M*YPLDTNHR	10	NP_149676 1	213R	0 9518
21	2007-09-14-04 1237 1237 2 out	1207 6	0 801	0 29	1 85	358	0	Nosema	1	PFVLSTDASDR	11	ABE26650 1	pol polyprotein	0 9812
1	2007-09-14-04 2788 2788 1 out	700 5	1 015	0 22	1 84	423	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
12	2007-09-14-04 3582 3582 2 out	1143 6	1 65	0 54	1 83	641	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9696
19	2007-09-14-04 3405 3405 2 out	1204 7	1 98	0 49	1 81	293	0	Nosema	1	LVKAMEDATVK	11	ABM26980 1	RNA polymerase II largest subunit	0 9944
50	2007-09-14-04 2379 2379 3 out	1678 9	1 789	0 35	1 81	326	0 693	APV|APV	2	YIMHVLTGYEPEVK	14	YP_001040003 1	structural polyprotein	0 9902
58	2007-09-14-04 3774 3774 3 out	1764 8	0 653	0 41	1 8	122	2 565	Nosema	1	DDNPEMLTIHCVIHK	15	ABE27267 1	unknown	0 9918
93	2007-09-14-04 6137 6137 3 out	2631 4	0 28	0 38	1 79	210	0	IIV6	1	MITINGGQLELLYLILEQEEIAK	23	NP_149650 1	187R	0 9973
39	2007-09-14-04 3119 3119 2 out	1485 9	0 375	0 55	1 77	626	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	1
17	2007-09-14-04 3306 3306 2 out	1172 7	1 352	0 32	1 76	539	0	Nosema	1	SIVLGCKILVK	11	ABE26650 1	pol polyprotein	0 9881
28	2007-09-14-04 4006 4006 2 out	1343 8	1 857	0 36	1 76	292	0	IIV6	1	LWLSEDVLKIK	11	NP_149590 1	127L	0 9622
7	2007-09-14-04 4199 4199 2 out	1122 5	1 077	0 44	1 75	214	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9669
90	2007-09-14-04 4090 4090 3 out	2327 1	0 896	0 4	1 75	220	0	Nosema	1	LRVVENYVSSDVDIICEAM*R	21	AAB54170 2	Hypothetical protein C44E4 2	0 995
86	2007-09-14-04 3803 3803 3 out	2265 2	1 231	0 47	1 71	200	0 693	IIV6	1	PHITTGWNIFNFDTTFLLK	19	NP_149500 1	037L	0 9507
33	2007-09-14-04 3132 3132 2 out	1368 7	1 319	0 38	1 7	405	0	IIV6	1	YQHYAIFEAVK	11	NP_149681 1	218R	0 9952
85	2007-09-14-04 6489 6489 3 out	2246 2	1 361	0 43	1 69	107	2 485	IIV6	1	IFDNIKLEYVEMLGISHPK	19	NP_149639 1	176R	0 9722
87	2007-09-14-04 4829 4829 3 out	2294 2	0 17	0 42	1 69	324	0	IIV6	1	NIAISYRIYNGYHERPISK	19	NP_149795 1	332L	0 9914
80	2007-09-14-04 822 822 3 out	2110 9	1 451	0 53	1 68	147	0 693	Nosema	1	EDLYYSSDSLSSNESSLSK	19	ABE27276 1	unknown	0 9896
89	2007-09-14-04 4903 4903 3 out	2320 1	0 927	0 4	1 67	108	1 099	IIV6	1	CAKGCCILNFTNEIHHFKNK	20	NP_149877 1	414L	0 99
20	2007-09-14-04 3665 3665 2 out	1205 7	0 054	0 37	1 66	231	0 693	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9754
5	2007-09-14-04 1182 1182 2 out	1103 5	1 645	0 36	1 63	216	0 693	BQCV|BQCV|BQC	4	YDQYDPFR	8	ABC95162 1	structural polyprotein	1
6	2007-09-14-04 2991 2991 2 out	1113 7	1 603	0 37	1 63	635	0	IIV6	1	KILDIPKMR	9	NP_149707 1	244L	0 9558
51	2007-09-14-04 2465 2465 3 out	1688 8	1 383	0 44	1 63	132	0	SV|SV|SV|SV|SV|S	14	NQSSEYSSRARIYK	14	NP_049374 1	polyprotein	0 9546
34	2007-09-14-04 945 945 2 out	1375 7	0 35	0 4	1 62	145	0	IIV6	1	QNDSFINPKLIS	12	NP_149928 1	465R	0 9879
57	2007-09-14-04 6395 6395 3 out	1759 9	0 079	0 49	1 62	157	1 792	IIV6	1	FSHPPPPPPSPPSPPPK	17	NP_149595 1	132L	0 9851
36	2007-09-14-04 4338 4338 2 out	1426 7	1 69	0 41	1 61	202	0	IIV6	1	SIDLIMYEVSEK	12	NP_149485 1	022L	0 9774
49	2007-09-14-04 1444 1444 3 out	1675 9	1 978	0 49	1 61	205	1 099	ABPV	1	YYVKVSSGVNYLKR	14	NP_066241 1	replicase polyprotein	0 9625
27	2007-09-14-04 2505 2505 2 out	1323 7	1 087	0 56	1 6	155	0	IIV6	1	WLILNIYNFK	10	NP_149609 1	146R	0 9512
45	2007-09-14-04 5435 5435 2 out	1614 8	0 706	0 5	1 6	250	0	IIV6	1	LYNNGCTSIELFLK	14	NP_149668 1	205R	0 9679
82	2007-09-14-04 4497 4497 3 out	2163 1	0 275	0 44	1 6	544	0	Nosema	1	LQSDGKNMFILVAIDHFSK	19	ABE26654 1	pol polyprotein	0 9899
24	2007-09-14-04 3372 3372 2 out	1256 6	0 816	0 39	1 59	181	0	IIV6	1	CYIDTQWLSK	10	NP_149867 1	404L	0 986
75	2007-09-14-04 6830 6830 3 out	2057 1	0 518	0 52	1 59	131	0	IIV6	1	IDADLQGNGM*VEIIKALIK	20	NP_149618 1	155L	0 9726
84	2007-09-14-04 3835 3835 3 out	2246	0 122	0 47	1 59	139	0	Nosema	1	FTNKKCCGWFGENGSGHFVK	20	ABO69727 1	unknown	0 992
32	2007-09-14-04 3305 3305 2 out	1366 7	1 524	0 35	1 58	731	0	IIV6	1	INLVLFDHHCR	11	NP_149818 1	355R	0 9535
55	2007-09-14-04 6451 6451 3 out	1749 9	0 708	0 44	1 58	378	0	IIV6	1	IFYLSKVNMLCQYK	14	NP_149711 1	248R	0 9928
88	2007-09-14-04 6297 6297 3 out	2315 1	0 762	0 48	1 56	106	0	Nosema	1	FIEECDAIHADVKGVDELRR	20	AAC47660 1	mitochondrial-type HSP70	0 9927
94	2007-09-14-04 4260 4260 3 out	2653 4	1 537	0 56	1 54	180	0 693	Nosema	1	VVENYVSSDVDIICEAM*RILIKK	24	AAB54170 2	Hypothetical protein C44E4 2	0 9815
42	2007-09-14-04 4084 4084 2 out	1500 7	0 655	0 41	1 53	354	0	IIV6	1	DDM*AASYLEGKER	14	NP_149635 1	172L	0 9862
65	2007-09-14-04 3855 3855 3 out	1833 9	0 679	0 49	1 53	177	0	IIV6	1	RSEYVYSLFGKENNK	15	NP_149527 1	064L	0 9993
52	2007-09-14-04 1324 1324 3 out	1693 8	1 763	0 47	1 52	213	0	Nosema	1	DAYFTLLEHLDNDK	14	ABO69722 1	unknown	0 9596

Test 13

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
28	2007-09-14-05 4318 4318 2 out	1457 9	0 55	0 83	4	1018	0	Nosema|Nosema|Nosema|N	5	IIAQVVSSITASLR	14	AAZ23550 1	alpha-tubulin	0 9971
9	2007-09-14-05 3546 3546 2 out	1143 6	1 684	0 6	3 17	865	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9935
18	2007-09-14-05 3826 3826 2 out	1285 7	0 698	0 37	2 64	1014	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9946
21	2007-09-14-05 2718 2718 2 out	1344 7	1 595	0 28	2 34	424	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9987
29	2007-09-14-05 2949 2949 2 out	1475 6	0 801	0 32	2 21	718	0	IIV6	1	EMNNTCSSGYLTR	13	NP_149930 1	467R	0 9977
17	2007-09-14-05 3469 3469 2 out	1270 8	0 764	0 26	2 17	443	0	Nosema	1	NINTVKEVLIK	11	ABV48897 1	hypothetical spore wall protein	0 9735
19	2007-09-14-05 3498 3498 2 out	1329 8	1 631	0 37	2 16	238	0	IIV6	1	VEKGLSISQIKK	12	NP_149608 1	145L	0 9832
36	2007-09-14-05 2926 2926 3 out	1755 8	0 215	0 53	2 08	583	0	VDV1|VDV1	2	RSSLECQYIEPSTSR	15	YP_145791 1	polyprotein	0 9732
22	2007-09-14-05 3226 3226 2 out	1359 7	1 769	0 38	2 07	326	0	IIV6	1	MISHDLKFLQK	11	NP_149902 1	439L	0 9966
2	2007-09-14-05 2613 2613 2 out	1103 5	1 959	0 49	2 05	385	0	BQCV|BQCV|BQCV|BQCV	4	YDQYDPFR	8	ABC95162 1	structural polyprotein	0 994
3	2007-09-14-05 2494 2494 2 out	1109 6	0 651	0 26	2 05	292	0	SV|SV|SV	3	TYKTKLEAR	9	AAL79021 1	AF469603_1 polyprotein	0 9946
5	2007-09-14-05 4784 4784 2 out	1122 5	0 927	0 46	2	381	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9985
26	2007-09-14-05 3403 3403 2 out	1406 8	0 45	0 45	2	167	0	ABPV	1	VLTNLYKICLVK	12	NP_066241 1	replicase polyprotein	0 9545
43	2007-09-14-05 3431 3431 3 out	1829 9	1 424	0 47	2	77	1 099	IIV6	1	DIPDFTIRSEYKSMK	15	NP_149530 1	067R	0 9504
38	2007-09-14-05 3455 3455 3 out	1773 9	0 668	0 39	1 96	284	0 693	IIV6	1	TLIQYSKSGFDEETR	15	NP_149709 1	246L	0 9648
4	2007-09-14-05 3029 3029 2 out	1116 6	0 697	0 43	1 94	289	0	IIV6	1	CVSNRLSIPK	10	NP_149592 1	129R	1
50	2007-09-14-05 5777 5777 3 out	2051	1 207	0 41	1 94	300	0	Nosema	1	HSSPYHPQSNGLAERTNR	18	ABE26649 1	pol polyprotein	0 9667
15	2007-09-14-05 3622 3622 2 out	1205 7	0 589	0 39	1 92	270	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9965
1	2007-09-14-05 2920 2920 1 out	700 5	1 082	0 19	1 89	429	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
45	2007-09-14-05 3649 3649 3 out	1881 9	1 633	0 39	1 88	228	0 693	IIV6	1	MINVPLDGNCM*FSVIGR	18	NP_149695 1	232R	0 9831
25	2007-09-14-05 3069 3069 2 out	1389 7	0 524	0 59	1 87	372	0	VDV1|VDV1	2	NVLIECKANEEK	12	YP_145791 1	polyprotein	0 9942
52	2007-09-14-05 7122 7122 3 out	2057 1	0 504	0 37	1 86	185	0	IIV6	1	IDADLQGNGM*VEIIKALIK	20	NP_149618 1	155L	0 9923
16	2007-09-14-05 3693 3693 2 out	1268 6	0 249	0 38	1 82	560	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9917
7	2007-09-14-05 3507 3507 2 out	1134 6	0 734	0 33	1 81	347	0	IAPV|IAPV	2	VQKNINPSGYK	10	YP_001040003 1	structural polyprotein	0 9952
34	2007-09-14-05 3066 3066 3 out	1696	1 281	0 43	1 81	133	0	IIV6	1	TVIERIASVLRTIPK	15	NP_149758 1	295L	0 9516
20	2007-09-14-05 3631 3631 2 out	1333 8	0 245	0 47	1 73	297	0	SV	1	VERLSTILTSSK	12	AAT46736 1	structural polyprotein	0 9721
44	2007-09-14-05 6981 6981 3 out	1840 9	0 345	0 37	1 73	198	0	IIV6	1	GVLCPSDLSSLSSGEYAR	18	NP_149513 1	050L	0 9881
30	2007-09-14-05 3255 3256 2 out	1532 8	0 534	0 42	1 72	403	0	Nosema	1	M*DAPDLSRELEIK	14	AAF03091 1	AF144035_1 transcription initiation factor TFIID	0 9984
12	2007-09-14-05 694 694 2 out	1177 6	0 405	0 37	1 71	192	0	IIV6	1	YFLM*VTFLK	10	NP_149607 1	144R	0 9963
24	2007-09-14-05 2525 2525 2 out	1371 7	0 507	0 42	1 69	199	0	ABPV|ABPV|ABPV	3	KNNPNKMTTPVK	12	AAL05919 1	capsid polyprotein	0 9947
33	2007-09-14-05 821 821 3 out	1679 8	1 913	0 44	1 68	207	0	Nosema	1	NKANSDNM*KHGYER	15	AAU11092 1	unknown	0 9586
35	2007-09-14-05 3798 3798 3 out	1710 9	1 837	0 5	1 68	498	0	IIV6	1	KLDISVEDRAPQPDK	15	NP_149463 1	468L	0 9746
37	2007-09-14-05 2580 2580 3 out	1763 9	1 714	0 41	1 67	269	0	IIV6	1	GSSPALIYAICSNLIGGK	18	NP_149665 1	202L	0 9579
40	2007-09-14-05 2421 2421 2 out	1786	0 108	0 42	1 67	218	0	Nosema	1	FYSPLIKNSFELISK	15	ABE27277 1	unknown	0 9512
6	2007-09-14-05 3934 3934 2 out	1125 6	1 713	0 5	1 66	336	0	IIV6	1	NFFLENTLK	9	NP_149902 1	439L	0 9806
54	2007-09-14-05 2663 2663 3 out	2230 3	0 035	0 45	1 62	254	0	ABPV	1	IAIVKTAFHTGRLGIFFGPGK	21	NP_066242 1	capsid protein	0 9942
41	2007-09-14-05 936 936 3 out	1802	0 372	0 48	1 61	231	0	IIV6	1	KQYTTLSDIDHVLLR	15	NP_149508 1	045L	0 9915
14	2007-09-14-05 3150 3150 2 out	1203 7	1 625	0 41	1 6	321	0	Nosema	1	IQIGDYILIR	10	ABE26651 1	pol polyprotein	0 986
49	2007-09-14-05 2121 2121 3 out	2011 1	0 636	0 41	1 58	255	0	Nosema	1	VSPVSM*AVGLEKAPDNPRK	20	ABO69717 1	unknown	0 9995
39	2007-09-14-05 2331 2332 3 out	1775 8	1 137	0 54	1 56	157	0	IIV6	1	SCFNRLNTCPM*CRSK	16	NP_149620 1	157L	0 9579
10	2007-09-14-05 3421 3421 2 out	1156 7	0 702	0 42	1 55	273	0	Nosema	1	NAIEELIINK	10	ABE26653 1	pol polyprotein	0 998
53	2007-09-14-05 5521 5521 3 out	2103 2	1 711	0 4	1 53	303	0	IIV6	1	LKHCLKYDVSAVFIPELK	18	NP_149891 1	428L	0 9705
55	2007-09-14-05 4432 4432 3 out	2675 5	0 127	0 55	1 51	113	0 693	IIV6	1	VEMLLKLQIKM*GLYHIELLNNF	23	NP_149919 1	456R	0 994
42	2007-09-14-05 2717 2717 3 out	1812 9	1 986	0 45	1 5	186	0 693	IIV6	1	IKQALYEYTEDNIGR	15	NP_149792 1	329R	0 9823

Test 14

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
30	2007-09-14-18 3563 3563 2 out	1790 9	0 302	0 66	3 13	667	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9986
18	2007-09-14-18 3517 3517 3 out	1668	1 629	0 39	2 9	1020	0	Nosema	1	IKVIQEVQIDILEK	14	ABE27269 1	unknown	0 9704
16	2007-09-14-18 6119 6119 2 out	1614 9	1 376	0 3	2 82	482	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9554
7	2007-09-14-18 715 715 2 out	1171 6	0 43	0 64	2 63	667	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9925
2	2007-09-14-18 918 918 1 out	715 4	1 118	0 08	2 48	378	0	IIV6	1	NIIIDK	6	NP_149495 1	032R	1
10	2007-09-14-18 3426 3426 2 out	1302 8	0 552	0 28	2 48	1098	0	IIV6	1	MLILNCLQKVK	11	NP_149723 1	260R	0 9954
24	2007-09-14-18 3640 3640 3 out	1746 8	1 451	0 4	2 39	678	0	IIV6	1	EEDEVYDFANNFVR	14	NP_149731 1	268L	1
4	2007-09-14-18 2975 2975 2 out	1130 6	0 482	0 41	2 29	591	0	Nosema|Nosema|Nosema|Nosema|No	14	FPGQLNADLR	10	AAZ23552 1	beta-tubulin	0 9981
29	2007-09-14-18 3559 3559 3 out	1785 9	0 522	0 42	2 28	415	0	Nosema	1	ADGMKIEEFNKQTM*K	16	ABV48897 1	hypothetical spora wall protein	0 9925
51	2007-09-14-18 3687 3687 3 out	2185	0 379	0 48	2 26	138	1 609	Nosema	1	SEWGTRVSETSMTCPSLASR	20	AAT12294 1	beta transducin repeat containing protein-like	0 9748
14	2007-09-14-18 2875 2875 2 out	1515 7	0 461	0 56	2 19	384	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9921
11	2007-09-14-18 1630 1631 2 out	1344 7	0 589	0 36	2 12	275	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9627
15	2007-09-14-18 3761 3761 2 out	1524 9	1 248	0 33	2 11	772	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859 1	396L	0 9955
55	2007-09-14-18 3532 3532 3 out	2433 2	1 567	0 35	2 1	331	0	Nosema	1	TMRKIIEDAEAYHFEISDHK	20	ABO69719 1	unknown	0 9642
54	2007-09-14-18 4931 4931 3 out	2425 2	0 176	0 4	2 08	216	0	IIV6	1	HVLDVAM*LASSEGVSVVYFNDKK	23	NP_149508 1	045L	0 9884
1	2007-09-14-18 2685 2685 1 out	700 5	0 993	0 2	2 03	423	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
61	2007-09-14-18 3888 3888 3 out	2927 6	1 148	0 48	1 99	126	0	IIV6	1	QLVTYHHTMLKVIIQRELWIMFK	23	NP_149894 1	431L	0 9915
6	2007-09-14-18 3483 3483 2 out	1143 6	1 497	0 59	1 97	840	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9988
49	2007-09-14-18 6009 6009 3 out	2075 9	0 98	0 36	1 96	938	0	Nosema	1	FNEQCGREM*EVLMSMKK	18	ABV48900 1	hypothetical spore wall protein	0 9702
34	2007-09-14-18 2901 2902 3 out	1849	1 082	0 58	1 95	249	0	IIV6	1	LDSKRTGLIMDFNNPK	16	NP_149642 1	179R	0 9755
33	2007-09-14-18 6633 6633 3 out	1848	1 501	0 51	1 91	348	0	IIV6	1	IMQTLSNAKDVGMKIAK	17	NP_149639 1	176R	0 9989
22	2007-09-14-18 6097 6097 3 out	1689 9	0 097	0 49	1 9	249	0	IIV6	1	TITEFDPPSIVSKKK	15	NP_149687 1	224L	0 9908
32	2007-09-14-18 3196 3197 3 out	1824	0 493	0 44	1 9	154	0	Nosema	1	DEIKILGNIVSKGYFK	16	ABE26653 1	pol polyprotein	0 9905
40	2007-09-14-18 6642 6642 3 out	1939 1	1 781	0 45	1 89	82	0 693	Nosema	1	YHKLNINPVKLFIDPK	16	ABE26651 1	pol polyprotein	0 9529
28	2007-09-14-18 5106 5106 3 out	1782 9	0 757	0 42	1 88	346	0	IIV6	1	TITAGNACM*SNTKTLLK	18	NP_149843 1	380R	0 9589
19	2007-09-14-18 6221 6221 3 out	1671 9	0 977	0 41	1 83	202	1 099	IIV6	1	DATNLIKTYNIDYK	14	NP_149889 1	426R	0 9888
12	2007-09-14-18 3599 3599 2 out	1377 7	0 757	0 37	1 82	137	0	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 988
26	2007-09-14-18 4531 4531 3 out	1767 9	1 834	0 39	1 82	300	0	DWV|DWV|DWV|DWV|Kakugo|VDV1	7	LKTDLMEMGSNPYIR	15	NP_863560 2	polyprotein	0 9807
47	2007-09-14-18 3001 3001 3 out	2024 8	1 278	0 39	1 81	246	0 693	Nosema	1	DPNGYVGCM*WSICGVHDR	19	AAU11091 1	class-II photolyase	0 9963
53	2007-09-14-18 6367 6367 3 out	2267 2	0 724	0 42	1 81	144	0 693	IIV6	1	FGHSNPPIRYNPPIRYNPK	19	NP_149628 1	165R	0 9987
25	2007-09-14-18 4415 4415 3 out	1752	1 764	0 38	1 8	360	0	KBV|KBV|KBV|KBV|KBV|KBV	6	TAANGIERIPVLGEIAK	17	ABN49472 1	VP4 protein	0 9995
21	2007-09-14-18 2539 2539 3 out	1676 8	1 088	0 39	1 77	277	0 693	Nosema	1	KIAALNSWSPEASM*R	16	ABE26650 1	pol polyprotein	0 9937
36	2007-09-14-18 3720 3720 3 out	1892 9	1 059	0 43	1 67	223	0	Nosema	1	NLM*NRNFEQFHWLK	15	ABE27267 1	unknown	0 9837
35	2007-09-14-18 2592 2592 3 out	1889 9	1 586	0 41	1 66	155	0 693	Nosema|Nosema	2	INVYYNEASSSKYVPR	16	AAN35161 1	beta-tubulin	0 9635
5	2007-09-14-18 2839 2839 2 out	1138 5	0 085	0 41	1 62	269	0	IIV6	1	SLM*GNCPSSVK	12	NP_149555 1	092R	0 9979
13	2007-09-14-18 3503 3503 2 out	1401 8	0 704	0 49	1 62	220	0 693	IIV6	1	ELNLLTLNTENK	12	NP_149803 1	340R	0 9957
41	2007-09-14-18 5828 5828 3 out	1940 9	0 3	0 43	1 62	275	0	SV	1	VQMDTGAKEDETANFER	17	AAF78779 1	structural protein Vp1	0 9708
42	2007-09-14-18 4047 4047 3 out	1945 9	0 796	0 4	1 62	90	0	IIV6	1	FWHTMYDNSLLYISR	15	NP_149611 1	148R	0 9925
39	2007-09-14-18 4605 4605 3 out	1931 8	1 447	0 51	1 6	284	0 693	Nosema	1	EDTSGGEEKNSYGSSEKK	18	ABE26648 1	pol polyprotein	0 9969
23	2007-09-14-18 2652 2652 3 out	1694 9	0 22	0 47	1 56	275	0	BQCV	1	TSLQLIRDYFHCAK	14	AAD27696 1	helicase domain C	0 9684
9	2007-09-14-18 686 686 2 out	1297 6	1 351	0 42	1 55	185	0	Nosema	1	ADGM*KIEEFNK	12	ABV48897 1	hypothetical spora wall protein	0 9942
8	2007-09-14-18 3803 3803 2 out	1285 7	0 886	0 43	1 54	1034	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9989
44	2007-09-14-18 4438 4438 3 out	1950 9	0 787	0 43	1 53	181	1 386	VDV1|VDV1	2	CQHWYAPLTAIYVDDR	16	YP_145791 1	polyprotein	0 9927
17	2007-09-14-18 6058 6058 3 out	1654 8	0 827	0 52	1 52	94	2 996	Nosema	1	PSLDGCGLFFVTRDK	15	ABV49796 1	hypothetical spore wall protein 14	0 994
43	2007-09-14-18 5573 5573 2 out	1947 8	1 548	0 5	1 52	121	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spora wall protein	0 9765
20	2007-09-14-18 2947 2947 2 out	1675 8	1 442	0 57	1 5	145	0	DWV|DWV|DWV|DWV|Kakugo|VDV1	7	LGCEKHGMPCSPFNR	15	NP_863560 2	polyprotein	0 9876

Test 15

Sr.No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
14	2007-09-04-18.3679.3679.2.out	1614.9	1.556	0.39	2.96	705	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9771
35	2007-09-04-18.3050.3050.3.out	2754.8	0.779	0.61	2.7	312	0	IIV6	1	VTLLLLLIAVLLLLLIFM*KVCKQK	25	NP_149679.1	216R	0.995
10	2007-09-04-18.4146.4146.3.out	1538.7	1.054	0.36	2.49	565	0	Nosema	1	SM*GVVGTGSPGTM*AVR	18	AAT12294.1	beta transducin repeat containing protein-like	1
16	2007-09-04-18.2371.2371.3.out	1630.8	0.522	0.32	2.35	577	0	IIV6	1	QENMLIESHNM*LR	14	NP_149463.1	468L	0.9826
13	2007-09-04-18.3386.3386.3.out	1614.8	1.889	0.35	2.3	498	0	Nosema	1	AQENGVSEAINELLK	15	ABE26652.1	pol polyprotein	0.9912
37	2007-09-04-18.3583.3583.3.out	2855.4	0.73	0.46	2.29	408	0	Nosema	1	NNYSDFVM*LLDIYQGWEKTLFDK	24	ABO69722.1	unknown	0.9739
33	2007-09-04-18.3108.3108.3.out	2670.3	1.474	0.53	2.28	234	0	IIV6	1	ENSRVFLDYMYVYDNISVFPAK	22	NP_149692.1	229L	0.9537
24	2007-09-04-18.2590.2590.2.out	1820.8	0.357	0.52	2.19	208	0	Nosema	1	YM*ANLSLKFGESDSDK	17	AAF91269.1	20S proteasome alpha 5 subunit	0.9984
7	2007-09-04-18.2046.2046.3.out	1427.8	1.802	0.43	1.98	211	0	Nosema	1	PLDRNTVLSSVAR	13	AAL28055.1	AF406785_4 pyruvate dehydrogenase E1 beta subuni	0.9854
22	2007-09-04-18.2270.2270.3.out	1808.9	0.036	0.39	1.94	125	0.693	Nosema	1	LIEAGYNSVEALAYAPK	17	AAK68858.1	DNA repair protein	0.9957
29	2007-09-04-18.3373.3373.3.out	2299.3	1.872	0.41	1.87	334	0	IIV6	1	VRIPSVTLLSTNQFGANGRIR	21	NP_149737.1	274L	0.9858
38	2007-09-04-18.3378.3378.3.out	2947.4	1.407	0.54	1.79	183	0	Nosema	1	LTNKSTSSNSVPANVNIGDSGNGPMKDDK	29	ABE26649.1	pol polyprotein	0.9605
8	2007-09-04-18.2009.2009.3.out	1524.7	1.616	0.39	1.71	143	0.693	IIV6	1	FLHEKMFDQSDK	12	NP_149891.1	428L	0.9963
17	2007-09-04-18.2870.2870.2.out	1677.9	0.092	0.4	1.71	429	0	IIV6	1	SIVEVSQYLKELGGR	15	NP_149500.1	037L	0.965
4	2007-09-04-18.2584.2584.2.out	1285.7	1.188	0.53	1.69	1173	0	IIV6	1	EAQKIEKIGNR	11	NP_149612.1	149L	0.9979
9	2007-09-04-18.2566.2566.2.out	1524.9	0.655	0.52	1.66	734	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859.1	396L	0.993
26	2007-09-04-18.4169.4169.3.out	1939.1	1.088	0.42	1.65	71	2.303	Nosema	1	YHKLNINPVKLFIDPK	16	ABE26651.1	pol polyprotein	0.9943
2	2007-09-04-18.1659.1659.2.out	1103.5	0.08	0.43	1.64	325	0	BQCV|BQCV|B	4	YDQYDPFR	8	ABC95162.1	structural polyprotein	0.9909
30	2007-09-04-18.2351.2351.3.out	2303.2	1.3	0.44	1.63	140	0	SV	1	VMNMATTFGHLIARVYEPPR	20	AAL79021.1	AF469603_1 polyprotein	0.9578
21	2007-09-04-18.2159.2159.3.out	1755.8	0.434	0.41	1.62	944	0	VDV1|VDV1	2	RSSLECQYIEPSTSR	15	YP_145791.1	polyprotein	0.9971
19	2007-09-04-18.3895.3895.3.out	1725.8	1.037	0.4	1.58	174	0	Nosema	1	PKELVTSDENM*KYR	15	ABY49795.1	hypothetical spore wall protein 13	0.9695
15	2007-09-04-18.2065.2065.3.out	1623.9	1.28	0.57	1.56	232	0	IIV6	1	LWNHAIEIAKTISK	14	NP_149500.1	037L	0.9737
36	2007-09-04-18.2669.2669.3.out	2794.4	0.084	0.53	1.54	219	0	IIV6	1	YFGAYLCKNEKTSIITEMATIELR	24	NP_149672.1	209R	0.9547
6	2007-09-04-18.1967.1967.3.out	1353.7	0.307	0.42	1.53	144	0.693	SV	1	YPPIDYIVSMR	11	AAU10096.1	nonstructural protein	0.9883
1	2007-09-04-18.2131.2131.2.out	1070.6	0.9	0.41	1.5	462	0	IIV6	1	LLWDWLPK	8	NP_149515.1	052R	0.9836
5	2007-09-04-18.4223.4223.3.out	1292.7	1.365	0.45	1.5	197	0	ABPV	1	KVDVVNAFGESK	12	NP_066241.1	replicase polyprotein	0.9738

Test 15A

Sr.No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
16	2007-09-04-19.3171.3171.2.out	1790.9	0.354	0.55	2.86	481	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863.1	actin	0.9871
11	2007-09-04-19.4601.4601.2.out	1634.8	1.166	0.3	2.48	324	0.693	IAPV|IAPV	2	AFETLGFTYTDELK	14	YP_001040002.1	polymerase polyprotein	0.9898
9	2007-09-04-19.3902.3902.2.out	1614.9	0.568	0.45	2.42	461	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9648
29	2007-09-04-19.3697.3698.3.out	2440.2	0.381	0.37	2.42	316	0	IIV6	1	VIPFESTFKDSIDDISLEEQK	21	NP_149647.1	184R	0.9604
6	2007-09-04-19.3505.3505.2.out	1490.8	1.684	0.33	2.34	628	0	IIV6	1	INVSVEFIITLDK	13	NP_149490.1	027L	0.979
7	2007-09-04-19.968.968.2.out	1495.7	1.05	0.4	2.11	355	0	IIV6	1	FHNEKIVCSGSFQ	13	NP_149713.1	250L	1
30	2007-09-04-19.4744.4744.3.out	2444.3	0.544	0.43	2.06	250	0	IIV6	1	FQLNNFLKYFYLLQSYKSK	19	NP_149761.1	298R	0.9863
36	2007-09-04-19.5225.5225.3.out	2901.4	0.59	0.47	2.03	197	0.693	Nosema	1	CAEDFLKSPVSKSVITVPAYFNDSQR	26	AAC47660.1	mitochondrial-type HSP70	0.9775
10	2007-09-04-19.5109.5109.2.out	1630.8	0.907	0.44	1.97	289	0.693	IIV6	1	QENMLIESHNM*LR	14	NP_149463.1	468L	0.9926
19	2007-09-04-19.4882.4882.3.out	2038.1	1.566	0.4	1.96	142	1.609	IIV6	1	AYKECCPLISQIISFPLI	18	NP_149822.1	359L	0.9888
24	2007-09-04-19.5587.5587.3.out	2111	0.274	0.4	1.9	123	1.386	Nosema	1	SDEDVKM*M*PLSNNTVSRR	20	ABE27267.1	unknown	0.9706
14	2007-09-04-19.5295.5295.3.out	1723.9	1.863	0.37	1.89	261	0	BQCV|BQCV	2	LDIAQYVDTETKEAK	15	NP_620565.1	structural polyprotein	0.9987
20	2007-09-04-19.5273.5273.3.out	2056.1	1.537	0.37	1.87	245	0.693	IIV6	1	YPIMTIPPTPIPLLGTSNM	19	NP_149920.1	457L	0.9892
13	2007-09-04-19.3731.3731.2.out	1686.8	1.417	0.4	1.85	100	0.693	Nosema	1	GKYSWNGIYKDIDK	14	ABE26653.1	pol polyprotein	0.9835
18	2007-09-04-19.4396.4396.2.out	1964.1	1.02	0.52	1.82	166	0	Nosema	1	DMIVIADLEQKFIPGFK	17	ABE27277.1	unknown	0.9794
22	2007-09-04-19.4640.4640.3.out	2092.9	1.187	0.46	1.78	180	1.609	KBV|KBV	2	TDIEYEDFLDIMCLEKTK	17	NP_851403.1	non-structural polyprotein	0.9686
35	2007-09-04-19.3285.3285.3.out	2777.4	1.059	0.45	1.78	142	0.693	Nosema	1	FMSLMEM*NQEGFEFNVLIKTPKK	24	ABE27273.1	unknown	0.9913
4	2007-09-04-19.5039.5039.2.out	1326.7	0.618	0.38	1.74	301	0	IIV6	1	MLNFFSPTELK	11	NP_149642.1	179R	0.9952
32	2007-09-04-19.3751.3751.3.out	2551.4	0.768	0.39	1.71	211	0	IIV6	1	SCEEIIFIPNYDKKLTIHIFK	21	NP_149877.1	414L	0.9701
15	2007-09-04-19.4040.4040.2.out	1763.1	0.122	0.46	1.68	320	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057.1	AF406785_6 calmodulin-dependent protein kinase	0.9572
23	2007-09-04-19.4865.4865.3.out	2097.1	1.317	0.43	1.66	227	0	IIV6	1	FTGILSM*LNNRNIM*AEIK	20	NP_149599.1	136R	0.9865
33	2007-09-04-19.3706.3706.3.out	2619.5	0.494	0.52	1.62	147	0	IIV6	1	EPTILPPIKLEQIAYIRAGDEPR	23	NP_149664.1	201R	0.9815
17	2007-09-04-19.3905.3905.3.out	1939.1	1.432	0.46	1.61	83	1.792	Nosema	1	YHKLNINPVKLFIDPK	16	ABE26651.1	pol polyprotein	0.9904
34	2007-09-04-19.4993.4993.3.out	2653.4	1.872	0.43	1.58	221	0	BQCV	1	VKFATNHVSRLM*LLNHVQCDIAK	24	NP_620565.1	structural polyprotein	0.9856
28	2007-09-04-19.3369.3369.2.out	2280.1	1.177	0.42	1.57	216	0	IIV6	1	IFSAFCYGSIDTAISNQLSDK	21	NP_149758.1	295L	0.9967
31	2007-09-04-19.3530.3530.2.out	2475.2	0.417	0.53	1.55	140	0	IIV6	1	IM*NEVGDNIILTGLNYELFYK	22	NP_149561.1	098R	1
3	2007-09-04-19.3907.3907.3.out	1292.7	1.992	0.47	1.5	236	0	ABPV	1	KVDVVNAFGESK	12	NP_066241.1	replicase polyprotein	0.9727
38	2007-09-04-19.3459.3459.3.out	3128.6	1.903	0.47	1.5	103	1.609	Nosema	1	QM*LKAGSKGSYINISQITSCVGQQNIESK	30	AAD12605.1	RNA polymerase II largest subunit	0.9736

Test 16

Sr.No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
1	2007-09-14-07.3136.3136.2.out	1156.7	0.532	0.66	3.45	661	0	KBV|KBV|KBV|KBV	6	IGPISEVASGVK	12	ABN49472.1	VP4 protein	0.9976
3	2007-09-14-07.3902.3902.2.out	1285.7	0.314	0.54	2.45	1170	0	IIV6	1	EAQKIEKIGNR	11	NP_149612.1	149L	0.999
4	2007-09-14-07.2614.2614.2.out	1344.7	0.251	0.41	1.72	403	0	IIV6	1	IENENNLEEIK	11	NP_149776.1	313L	0.9997
2	2007-09-14-07.3334.3334.2.out	1159.6	0.505	0.49	1.6	280	0	Nosema|Nosema	2	LAVNM*VPFPR	11	AAN35161.1	beta-tubulin	0.9992

Test 16

Sr.No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
3	2008-08-13-01a.1274.1274.2.out	1156.7	0.378	0.68	3.13	802	0	KBV|KBV|KBV|K	6	IGPISEVASGVK	12	ABN49472.1	VP4 protein	0.9876
14	2008-08-13-01a.1670.1670.2.out	1614.9	0.202	0.28	2.57	596	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9956
12	2008-08-13-01a.957.957.2.out	1344.7	1.598	0.25	2.34	466	0.693	IIV6	1	IENENNLEEIK	11	NP_149776.1	313L	0.9897
9	2008-08-13-01a.1599.1599.2.out	1270.7	0.457	0.4	2.23	356	0	IAPV|IAPV	2	LVLNANPFVAGR	12	YP_001040003.1	structural polyprotein	0.9828
13	2008-08-13-01a.1148.1148.2.out	1475.6	0.67	0.29	2.06	487	1.099	IIV6	1	EMNNTCSSGYLTR	13	NP_149930.1	467R	0.9957
15	2008-08-13-01a.1508.1508.2.out	1630.8	0.558	0.29	1.94	369	0.693	IIV6	1	QENMLIESHNM*LR	14	NP_149463.1	468L	0.9861
2	2008-08-13-01a.1306.1306.2.out	1143.7	0.425	0.43	1.89	652	0	Nosema	1	LISLTRLLSK	10	ABE26651.1	pol polyprotein	0.9534
4	2008-08-13-01a.1058.1058.2.out	1158.6	0.399	0.44	1.7	214	0	IIV6	1	KRNAEAWQR	9	NP_149676.1	213R	0.9991
8	2008-08-13-01a.1275.1275.2.out	1264.7	1.343	0.46	1.7	285	0	IIV6	1	INGLIDISEYK	11	NP_149758.1	295L	0.9913
10	2008-08-13-01a.1308.1308.2.out	1273.8	1.677	0.38	1.69	109	0.693	Nosema	1	KTESKVELVLK	11	ABO69724.1	unknown	0.9993
21	2008-08-13-01a.1373.1373.3.out	1950.9	0.248	0.37	1.67	162	0	VDV1|VDV1	2	CQHWYAPLTAIYVDDR	16	YP_145791.1	polyprotein	0.994
7	2008-08-13-01a.1541.1541.2.out	1214.7	0.494	0.34	1.64	340	0	IAPV|IAPV	2	TIADALKKVQK	11	YP_001040003.1	structural polyprotein	0.9996
16	2008-08-13-01a.1535.1535.3.out	1700.9	1.444	0.45	1.61	164	0	IIV6	1	CNQIVIDFFVVEFK	14	NP_149776.1	313L	0.967
23	2008-08-13-01a.1523.1523.3.out	2044.1	1.495	0.36	1.59	223	0	IIV6	1	LKQLDVMIEFM*KQYNK	17	NP_149504.1	041L	0.9637
20	2008-08-13-01a.1557.1557.3.out	1860.9	1.053	0.46	1.57	157	0	Nosema	1	YVYEIEIPLCLYSQK	15	ABE27273.1	unknown	0.9784
1	2008-08-13-01a.1449.1449.2.out	1122.5	0.826	0.4	1.52	141	1.099	IIV6	1	SLMGNCPSSVK	11	NP_149555.1	092R	0.9987
6	2008-08-13-01a.1185.1185.2.out	1184.7	0.736	0.38	1.52	317	0	IIV6	1	IKDIIDALQR	10	NP_149695.1	232R	0.9861

Test 16

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
11	2008-08-13-02 1670 1670 2 out	1614 9	0 468	0 32	2 61	549	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9997
9	2008-08-13-02 944 944 2 out	1344 7	0 485	0 33	2 09	379	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9812
12	2008-08-13-02 1509 1509 2 out	1630 8	0 583	0 33	2 03	369	0	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9944
1	2008-08-13-02 1136 1136 1 out	700 5	1 105	0 19	1 91	399	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
18	2008-08-13-02 1482 1482 3 out	1780 9	0 942	0 56	1 91	227	0	Nosema	1	QPSLHKMSMMAHKVR	15	ABM26979 1	RNA polymerase II largest subunit	0 9689
8	2008-08-13-02 1674 1674 2 out	1272 7	1 088	0 43	1 84	283	0	Nosema	1	DIVVDIYNHGK	11	AAT72741 1	deoxyundine 5' triphosphate nucleotidehydrolas	0 9976
3	2008-08-13-02 1198 1199 2 out	1184 7	0 282	0 5	1 78	270	0	IIV6	1	IKDIIDALQR	10	NP_149695 1	232R	0 9991
7	2008-08-13-02 1779 1779 2 out	1268 6	0 309	0 43	1 72	396	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9939
2	2008-08-13-02 1284 1284 2 out	1156 7	0 939	0 44	1 7	229	0	KBV|KBV|K	6	IGPISEVASGVK	12	ABN49472 1	VP4 protein	0 991
17	2008-08-13-02 1492 1492 3 out	1776	0 604	0 41	1 7	276	0	IIV6	1	NHIKALTEQISRIPR	15	NP_149688 1	225R	0 9995
13	2008-08-13-02 1365 1365 3 out	1732 9	1 127	0 45	1 66	271	1 099	IIV6	1	LNESREIVSAEMVKK	15	NP_149639 1	176R	1
6	2008-08-13-02 1260 1260 2 out	1264 7	1 544	0 38	1 63	308	0	IIV6	1	ITMNFKNRLK	10	NP_149777 1	314L	0 9971
4	2008-08-13-02 897 897 2 out	1197 8	0 012	0 44	1 61	177	0	IIV6	1	ESILILLLRK	10	NP_149671 1	208L	0 9996
20	2008-08-13-02 1524 1524 3 out	2062 1	0 754	0 47	1 58	258	0	Nosema	1	IDAMNAAKSAATIGDRSLEK	20	AAT12296 1	chromosome segregation protein	0 9648
16	2008-08-13-02 1238 1238 3 out	1764 8	1 201	0 42	1 57	76	1 099	Nosema	1	DDNPEMLTIHCVIHK	15	ABE27267 1	unknown	0 9769

Test 17

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
18	2007-09-14-11 3602 3603 2 out	1614 9	1 224	0 35	2 88	783	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9534
7	2007-09-14-11 3130 3130 2 out	1156 7	0 713	0 59	2 64	436	0	KBV|KBV|KBV|KBV|KBV|KBV	6	IGPISEVASGVK	12	ABN49472 1	VP4 protein	0 9946
20	2007-09-14-11 2756 2756 3 out	1704 9	0 326	0 45	2 38	345	0	Nosema	1	KINNFIFDDVAAIPK	15	ABE26651 1	pol polyprotein	0 9666
12	2007-09-14-11 2576 2576 2 out	1344 7	1 713	0 36	2 33	449	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9635
37	2007-09-14-11 3687 3687 3 out	2110 1	1 373	0 55	2 26	406	0	Nosema	1	ASLQLKELEMQHNNLVSR	18	AAT12296 1	chromosome segregation protein	1
13	2007-09-14-11 3180 3180 2 out	1368 7	0 793	0 52	2 24	678	0	IIV6	1	YQHYAIFEAVK	11	NP_149681 1	218R	0 9607
9	2007-09-14-11 657 657 2 out	1202 7	1 274	0 42	1 94	483	0	IIV6	1	KFPTLEIINK	10	NP_149688 1	225R	0 9928
10	2007-09-14-11 3858 3858 2 out	1285 7	1 149	0 41	1 9	312	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 968
23	2007-09-14-11 2712 2712 3 out	1745	1 225	0 36	1 9	140	1 609	Nosema	1	IIIPPEFELEFLER	14	ABE26650 1	pol polyprotein	0 9866
25	2007-09-14-11 2946 2946 3 out	1755 8	0 007	0 5	1 89	1193	0	VDV1|VDV1	2	RSSLECQYIEPSTSR	15	YP_145791 1	polyprotein	0 9917
6	2007-09-14-11 2789 2789 2 out	1146 6	0 908	0 44	1 88	473	0	Nosema	1	LSKEMNRIR	9	ABY49795 1	hypothetical spore wall protein 13	0 9874
1	2007-09-14-11 2877 2877 1 out	700 5	1 008	0 17	1 87	425	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
38	2007-09-14-11 3252 3252 3 out	2131 2	1 663	0 41	1 87	133	0	Nosema	1	LNQTVAEVLRLYKNNDIK	18	ABE26651 1	pol polyprotein	0 998
4	2007-09-14-11 2970 2970 2 out	1133 7	0 696	0 42	1 86	229	0	IIV6	1	DDYILLLLR	9	NP_149867 1	404L	0 9988
5	2007-09-14-11 3575 3575 2 out	1143 6	1 71	0 43	1 85	484	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	1
11	2007-09-14-11 2901 2901 2 out	1309 6	1 525	0 42	1 82	528	0	IIV6	1	NM*LQTM*GIEIK	13	NP_149701 1	238R	0 9981
29	2007-09-14-11 480 480 3 out	1943	0 206	0 37	1 77	218	0	IIV6	1	SQHGIPDTSLKPSPHWR	17	NP_149813 1	350L	0 9889
16	2007-09-14-11 3454 3454 2 out	1538 8	0 381	0 52	1 75	68	0 693	IIV6	1	VSELGSKHFCYIR	13	NP_149827 1	364L	0 9817
8	2007-09-14-11 3070 3070 2 out	1179 7	1 898	0 44	1 74	238	0 693	IIV6	1	PEILPLLTQR	10	NP_149731 1	268L	0 992
3	2007-09-14-11 3570 3572 2 out	1122 5	1 304	0 42	1 69	156	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9964
15	2007-09-14-11 3350 3350 2 out	1429 7	1 379	0 5	1 66	221	0	Kakugo	1	PIKECSPISVSNR	13	YP_015696 1	polyprotein	0 9976
40	2007-09-14-11 3434 3434 3 out	2542 3	1 975	0 38	1 66	89	0	Nosema|Nosema|Nosema|Nose	8	LPGMTMKESFESQVNYVLNKAR	22	ABM26981 1	RNA polymerase II largest subunit	0 9941
14	2007-09-14-11 3508 3508 2 out	1377 7	0 739	0 54	1 64	87	0 693	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9708
28	2007-09-14-11 3633 3633 3 out	1900 9	1 373	0 5	1 61	345	0	IIV6	1	EYM*TITFCNQEHQIK	16	NP_149752 1	289L	0 9921
32	2007-09-14-11 2631 2631 3 out	1990 1	0 749	0 39	1 6	76	0	IIV6	1	M*HVLTTITKITITMENK	18	NP_149872 1	411L	1
26	2007-09-14-11 2793 2793 3 out	1779 9	0 022	0 41	1 58	160	0 693	Nosema	1	DSELAVLLEDGGCGFVR	17	AAT12295 1	phospholipase D	1
17	2007-09-14-11 2958 2958 2 out	1559 8	1 436	0 47	1 57	105	0 693	IIV6	1	M*DETQQLLYKFK	13	NP_149668 1	205R	0 9693
35	2007-09-14-11 742 742 3 out	2045 1	0 086	0 4	1 53	199	0	IIV6	1	SLM*GNCPSSVKIIVSGATHK	21	NP_149555 1	092R	0 9583

Test 18

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
4	2007-09-14-08 2898 2898 2 out	1156 7	0 812	0 74	2 83	593	0	KBV|KBV|KBV|KBV|KBV|KBV	6	IGPISEVASGVK	12	ABN49472 1	VP4 protein	0 9954
3	2007-09-14-08 3345 3345 2 out	1143 6	1 67	0 55	2 45	1024	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9814
11	2007-09-14-08 2865 2866 2 out	1389 7	0 778	0 58	2 42	431	0	VDV1|VDV1	2	NVLIECKANEEK	12	YP_145791 1	polyprotein	0 9518
8	2007-09-14-08 3501 3501 2 out	1268 6	1 68	0 41	2 34	570	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 982
9	2007-09-14-08 2528 2528 2 out	1344 7	0 403	0 4	2 1	433	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	1
35	2007-09-14-08 2513 2513 3 out	2295 4	1 094	0 48	2 05	74	0	Nosema	1	YVTIKPLQNITSKHIVATLR	20	ABE26650 1	pol polyprotein	0 9808
22	2007-09-14-08 2735 2735 3 out	1755 8	0 47	0 41	2 04	939	0	VDV1|VDV1	2	RSSLECQYIEPSTSR	15	YP_145791 1	polyprotein	0 9996
10	2007-09-14-08 3216 3216 2 out	1377 7	0 679	0 46	1 99	108	1 099	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9832
6	2007-09-14-08 2585 2585 2 out	1205 6	0 335	0 36	1 87	220	0	DWV|DWV|DWV|Kakugo|VDV1|I	40	DDPFDKELAR	10	ABB36639 1	polyprotein	0 9938
13	2007-09-14-08 2466 2466 2 out	1556 7	0 287	0 4	1 83	256	0	BQCV	1	KYSFDDWFSFSK	12	NP_620564 1	nonstructural polyprotein	0 9931
5	2007-09-14-08 3520 3520 2 out	1195 8	1 641	0 52	1 76	378	0 693	IIV6	1	IILIIQLELK	10	NP_149702 1	239R	0 9868
23	2007-09-14-08 3407 3407 3 out	1785 9	0 768	0 44	1 71	284	0	Nosema	1	ADGMKIEEFNKQTM*K	16	ABV48897 1	hypothetical spore wall protein	0 9741
29	2007-09-14-08 3129 3129 3 out	1971 2	1 153	0 45	1 69	309	0	IIV6	1	M*ILVLAFLHLQKFLLR	17	NP_149845 1	382R	0 9951
12	2007-09-14-08 3364 3364 2 out	1401 8	0 825	0 48	1 68	275	0	IIV6	1	ELNLLTLNTENK	12	NP_149803 1	340R	0 9972
16	2007-09-14-08 2927 2927 3 out	1687 9	0 34	0 44	1 65	172	0	KBV|KBV|KBV|KBV|KBV|KBV	6	IVQNSDSDKLKEALK	15	ABN49472 1	VP4 protein	1
36	2007-09-14-08 6286 6286 3 out	2296 2	1 139	0 44	1 65	98	1 609	IIV6	1	FAMFKPHVVLTPLEYFNSR	19	NP_149788 1	325L	0 9978
21	2007-09-14-08 3849 3849 3 out	1746	0 306	0 41	1 61	347	0	IIV6	1	ELLKWLLLQEFWK	13	NP_149487 1	024L	0 9959
32	2007-09-14-08 2909 2909 3 out	2165 2	1 132	0 4	1 61	172	0	IIV6	1	YNPPIRYNPKHPLSPPFK	18	NP_149628 1	165R	0 998
34	2007-09-14-08 2373 2373 3 out	2286 3	1 378	0 38	1 61	337	0	IIV6	1	M*VIQFKPKELILCIDGVAPR	21	NP_149475 1	012L	0 9966
7	2007-09-14-08 3033 3033 2 out	1209 6	1 752	0 47	1 59	168	0 693	IIV6	1	VFVNIGCSTNR	11	NP_149626 1	163L	1
17	2007-09-14-08 6582 6582 3 out	1701 9	0 231	0 48	1 59	80	3 258	Nosema	1	AETEEPSKNLLITEK	15	ABE26651 1	pol polyprotein	0 992
19	2007-09-14-08 3124 3124 3 out	1728 9	0 54	0 4	1 59	200	0	IIV6	1	DLQKEVDDLAKEVVK	15	NP_149504 1	041L	0 9947
25	2007-09-14-08 1131 1131 3 out	1849	0 629	0 44	1 59	364	0	Nosema	1	SARTIAKFVLEEIICR	16	ABE26648 1	pol polyprotein	0 972
24	2007-09-14-08 3702 3702 3 out	1843 9	1 303	0 38	1 58	299	0	IIV6	1	LLDYYKNDEDDIVTK	15	NP_149824 1	361L	0 9957
20	2007-09-14-08 3794 3794 3 out	1738 9	0 171	0 39	1 54	359	0	Nosema	1	YNFKDDIFTGLIHR	14	ABE27264 1	unknown	0 9957
18	2007-09-14-08 6619 6619 3 out	1713	1 638	0 5	1 53	99	1 946	IIV6	1	LVPINADLINFAADVK	16	NP_149697 1	234R	0 9693

Test 18

Sr.No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
5	2008-08-13-04.1289.1289.2.out	1156.7	0.484	0.62	3.58	792	0	KBV|KBV|KBV|KBV	6	IGPISEVASGVK	12	ABN49472.1	VP4 protein	1
12	2008-08-13-04.1679.1679.2.out	1614.9	1.485	0.35	2.82	617	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9945
16	2008-08-13-04.1711.1711.3.out	1795.9	0.392	0.34	2.32	375	0	Nosema	1	MIIKMLMSTDSIEKR	15	ABE27271.1	unknown	0.9629
11	2008-08-13-04.1261.1261.2.out	1389.7	0.492	0.65	2.27	645	0	VDV1|VDV1	2	NVLIECKANEEK	12	YP_145791.1	polyprotein	0.9872
14	2008-08-13-04.1067.1067.2.out	1665.8	1.735	0.38	2.22	293	0	Nosema	1	TQSDQGTTTKVQEDK	15	ABE26649.1	pol polyprotein	0.9985
7	2008-08-13-04.1708.1708.2.out	1205.7	1.393	0.35	2.12	311	0	IIV6	1	VDVSTQTKTVK	11	NP_149655.1	192R	0.9832
13	2008-08-13-04.1521.1522.2.out	1630.8	1.543	0.43	2.08	441	0	IIV6	1	QENMLIESHNM*LR	14	NP_149463.1	468L	0.9622
6	2008-08-13-04.1204.1204.2.out	1184.7	0.119	0.43	2.07	331	0	IIV6	1	IKDIIDALQR	10	NP_149695.1	232R	0.9892
10	2008-08-13-04.958.958.2.out	1344.7	0.291	0.37	2.06	429	0	IIV6	1	IENENNLEEIK	11	NP_149776.1	313L	0.9884
3	2008-08-13-04.1494.1494.2.out	1151.6	1.656	0.53	2.05	224	0	Nosema|Nosema	2	LSQEFGKKSK	10	AAC47419.1	alpha-tubulin	0.9877
9	2008-08-13-04.1456.1456.2.out	1268.6	1.366	0.32	1.98	412	0	IIV6	1	DKMQIYVEDK	10	NP_149676.1	213R	0.9743
1	2008-08-13-04.1143.1144.1.out	700.5	0.566	0.17	1.89	415	0	Nosema	1	VXDIIK	6	ABM26977.1	RNA polymerase II largest subunit	1
17	2008-08-13-04.1571.1571.3.out	2335.2	0.858	0.58	1.75	374	0	IIV6	1	PSIVAEM*PDIKPNQVM*VHLGK	23	NP_149864.1	401R	0.9892
8	2008-08-13-04.1703.1703.2.out	1256.6	0.494	0.45	1.65	282	0.693	Nosema	1	EFLNDKSEM*K	11	ABE27267.1	unknown	0.9955
15	2008-08-13-04.1744.1744.3.out	1700.9	1.461	0.52	1.6	71	2.197	IIV6	1	CNQIVIDFFVVEFK	14	NP_149776.1	313L	0.9929
2	2008-08-13-04.2070.2070.2.out	1122.5	1.899	0.52	1.55	178	0.693	IIV6	1	SLMGNCPSSVK	11	NP_149555.1	092R	0.9839
4	2008-08-13-04.817.817.2.out	1153.5	0.738	0.49	1.52	320	0	IIV6	1	TM*TGLEDASGR	12	NP_149548.1	085L	0.9897

Test 18

Sr.No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
6	2008-08-13-05.1288.1288.2.out	1156.7	0.394	0.74	3.38	602	0	KBV|KBV|KBV|KBV	6	IGPISEVASGVK	12	ABN49472.1	VP4 protein	1
17	2008-08-13-05.1682.1683.2.out	1614.9	0.581	0.21	2.62	687	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9915
12	2008-08-13-05.1257.1257.2.out	1389.7	1.502	0.71	2.29	639	0	VDV1|VDV1	2	NVLIECKANEEK	12	YP_145791.1	polyprotein	1
11	2008-08-13-05.1564.1564.2.out	1377.7	0.617	0.37	2.23	97	2.197	IIV6	1	NENNSVGRTQMK	12	NP_149530.1	067R	0.992
10	2008-08-13-05.932.932.2.out	1344.7	1.578	0.27	2.19	355	0	IIV6	1	IENENNLEEIK	11	NP_149776.1	313L	0.9888
9	2008-08-13-05.1439.1439.2.out	1258.7	0.495	0.29	2.13	329	0	Nosema	1	IEDLNFLIGPK	11	AAT12293.1	DNA repair helicase RAD25	0.9595
18	2008-08-13-05.1619.1619.2.out	1630.8	1.133	0.3	2.07	429	0	IIV6	1	QENMLIESHNM*LR	14	NP_149463.1	468L	0.9713
24	2008-08-13-05.1168.1168.3.out	1849	1.916	0.47	1.98	268	0	IIV6	1	LDSKRTGLIMDFNNPK	16	NP_149642.1	179R	0.9878
19	2008-08-13-05.1664.1664.2.out	1633.9	0.23	0.35	1.97	391	0	IIV6	1	M*DKIEELKIEELK	14	NP_149512.1	049L	0.9579
4	2008-08-13-05.1286.1286.2.out	1149.6	1.603	0.32	1.94	233	0	Nosema	1	LENIPHPTTK	10	ABE26650.1	pol polyprotein	0.9643
8	2008-08-13-05.1966.1966.2.out	1206.6	0.163	0.35	1.92	515	0	Nosema	1	LSTPGYGELNR	11	AAN35161.1	beta-tubulin	0.9955
16	2008-08-13-05.917.917.2.out	1556.7	0.553	0.37	1.85	137	0	BQCV	1	KYSFDDWFSFSK	12	NP_620564.1	nonstructural polyprotein	0.9553
26	2008-08-13-05.1026.1026.3.out	2249.2	0.672	0.53	1.84	182	0	IIV6	1	HVHTIHHYLVRNYRYIK	17	NP_149537.1	074R	0.9857
21	2008-08-13-05.951.951.3.out	1758.9	0.374	0.4	1.82	135	0	Nosema	1	RIDEMGADIEKQLIK	15	ABE27267.1	unknown	0.9776
2	2008-08-13-05.1480.1480.2.out	1130.7	0.854	0.43	1.73	136	0.693	KBV|KBV|KBV	3	KVLDAGLAICK	11	NP_851403.1	non-structural polyprotein	0.9955
22	2008-08-13-05.1516.1516.3.out	1805.9	0.991	0.43	1.69	75	1.099	Kakugo	1	VEIGGEASECIFKKPK	16	YP_015696.1	polyprotein	0.9701
25	2008-08-13-05.1380.1382.3.out	2075.1	0.721	0.48	1.63	70	0.693	Nosema	1	DKPITVGHWLIVVPEESR	18	ABE27273.1	unknown	0.9665
15	2008-08-13-05.1440.1440.2.out	1554.7	0.881	0.41	1.57	303	0	DWV	1	SSVECQYAEPQASR	14	ABM64829.1	polyprotein	1
5	2008-08-13-05.814.814.2.out	1153.5	0.367	0.47	1.51	210	0	IIV6	1	TM*TGLEDASGR	12	NP_149548.1	085L	0.981

Test 19

Sr.No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
4	2007-09-14-09.3599.3599.2.out	1143.6	0.778	0.67	3.06	1048	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161.1	beta-tubulin	1
9	2007-09-14-09.4036.4036.2.out	1614.9	0.607	0.42	2.82	842	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9577
24	2007-09-14-09.3677.3677.3.out	1785.9	1.434	0.58	2.82	339	0	Nosema	1	ADGMKIEEFNKQTM*K	16	ABV48897.1	hypothetical spore wall protein	0.9838
5	2007-09-14-09.2168.2168.2.out	1171.6	0.641	0.72	2.79	755	0	Nosema	1	HKGVMVGMGQK	11	AAB86863.1	actin	0.9601
3	2007-09-14-09.3141.3141.2.out	1130.6	0.375	0.46	2.53	454	0	Nosema|Nosema|No	14	FPGQLNADLR	10	AAZ23552.1	beta-tubulin	0.9853
11	2007-09-14-09.3641.3641.3.out	1668	1.662	0.31	2.53	847	0	Nosema	1	IKVIQEVQIDILEK	14	ABE27269.1	unknown	0.9964
6	2007-09-14-09.3474.3474.2.out	1377.7	0.766	0.47	2.47	113	1.099	IIV6	1	NENNSVGRTQMK	12	NP_149530.1	067R	0.9792
37	2007-09-14-09.3729.3729.3.out	2110.1	0.641	0.3	2.26	335	0	Nosema	1	ASLQLKELEMQHNNLVSR	18	AAT12296.1	chromosome segregation protein	0.9722
7	2007-09-14-09.3257.3257.2.out	1401.7	0.515	0.4	2.22	284	0	IIV6	1	M*LSSCNLSKSTSK	14	NP_149862.1	399R	0.9516
8	2007-09-14-09.3618.3618.2.out	1401.8	1.748	0.4	2.09	496	0	IIV6	1	ELNLLTLNTENK	12	NP_149803.1	340R	0.9951
21	2007-09-14-09.892.892.3.out	1763.9	0.417	0.35	2.01	205	0.693	IIV6	1	NVLSM*WSQPSMRRR	15	NP_149790.1	327R	0.9903
44	2007-09-14-09.2884.2884.3.out	2496.1	0.328	0.4	2.01	131	0	Nosema	1	SPDVFDTEAVYEKFKM*CNNDK	22	ABO69725.1	unknown	0.9748
16	2007-09-14-09.1173.1173.3.out	1724.9	0.437	0.5	1.94	310	0	Nosema	1	FNLTDCVLHADAIHR	15	AAT72743.1	translation elongation factor 2	0.9876
20	2007-09-14-09.4499.4499.3.out	1749.9	0.88	0.45	1.93	330	1.099	IIV6	1	IFYLSKVNMLCQYK	14	NP_149711.1	248R	0.9971
33	2007-09-14-09.3184.3184.3.out	1965.1	1.968	0.44	1.89	214	0.693	IIV6	1	EAPVKLCDALLPVVNNNR	18	NP_149647.1	184R	0.9721
22	2007-09-14-09.1625.1625.3.out	1782	0.591	0.46	1.86	243	0.693	IAPV|IAPV	2	TTANGIERIPVIGEIAK	17	YP_001040003.1	structural polyprotein	0.9757
25	2007-09-14-09.3671.3671.3.out	1790.9	1.121	0.45	1.82	320	0.693	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863.1	actin	0.9857
27	2007-09-14-09.3830.3830.3.out	1799.9	1.563	0.56	1.8	201	0	IIV6	1	KVKTGNYGNYSYYDK	15	NP_149524.1	061R	0.9741
12	2007-09-14-09.3002.3002.3.out	1680.9	1.078	0.53	1.77	233	0	IIV6	1	PFVHVELPSSINWR	14	NP_149500.1	037L	0.9691
1	2007-09-14-09.1013.1013.1.out	817.4	0.072	0.25	1.74	300	0	Nosema	1	NESNLLK	7	ABE27273.1	unknown	1
17	2007-09-14-09.1280.1280.3.out	1733.9	0.539	0.45	1.72	293	0	IIV6	1	M*IIFLTVFQYSLSR	15	NP_149496.1	033L	0.9826
34	2007-09-14-09.2675.2675.3.out	2001.1	1.14	0.42	1.7	223	0	IIV6	1	WKIGNYVVPLITDEIIK	17	NP_149500.1	037L	0.9827
30	2007-09-14-09.1682.1682.3.out	1849	1.953	0.42	1.68	230	0	Nosema	1	SARTIAKFVLEEIICR	16	ABE26648.1	pol polyprotein	0.9527
38	2007-09-14-09.4988.4988.3.out	2267.2	0.581	0.5	1.68	235	0	IIV6	1	FGHSNPPIRYNPPIRYNPK	19	NP_149628.1	165R	0.9977
32	2007-09-14-09.2844.2844.3.out	1928.1	1.712	0.42	1.67	82	2.639	IIV6	1	IYNLALELLISILM*HR	17	NP_149884.1	421L	0.9688
18	2007-09-14-09.4310.4310.3.out	1740.9	0.84	0.39	1.63	290	0.693	IIV6	1	M*QIVQYLLCLM*ILK	16	NP_149730.1	267R	0.9758
40	2007-09-14-09.3336.3336.3.out	2286.2	1.822	0.45	1.59	474	0	Nosema	1	VGINSRRPTVLEGQAM*AEVSR	22	AAZ23549.1	alpha-tubulin	0.9842
28	2007-09-14-09.3634.3634.3.out	1825.2	1.964	0.4	1.58	186	0	IIV6	1	IILIIQLELKILM*QK	16	NP_149702.1	239R	0.984
13	2007-09-14-09.4073.4073.3.out	1693.9	0.781	0.38	1.55	427	0	IIV6	1	IIM*M*ICQVKKVDIK	16	NP_149575.1	112R	0.9837
36	2007-09-14-09.3284.3284.3.out	2057	1.746	0.47	1.51	140	1.946	Nosema	1	IEVSVSNDHIGTVNAALCSK	20	AAT72743.1	translation elongation factor 2	0.9928
39	2007-09-14-09.4787.4787.3.out	2270.1	0.251	0.49	1.51	74	1.792	IIV6	1	SKWLLMNPDDFKM*AIM*GLK	21	NP_149674.1	211L	0.9559

Test 20

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	Nc	Peptide	AA	ID#	Protein	PP
50	2007-09-14-12 3882 3882 3 out	1938 9	1 26	0 6	2 85	398	0	Nosema	1	KASGNLDDLDVMFLSGEK	18	ABY49795 1	hypothetical spore wall protein 13	0 9952
22	2007-09-14-12 4715 4715 2 out	1614 9	0 647	0 34	2 33	454	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9546
34	2007-09-14-12 3052 3052 3 out	1738 9	1 589	0 54	2 33	177	1 386	Nosema	1	VPYASPAFM*IEKKNK	16	ABE26651 1	pol polyprotein	0 9913
20	2007-09-14-12 3862 3862 2 out	1543 8	1 474	0 33	2 25	413	0	Nosema	1	EVKDPEVEVDQTR	13	ABY49795 1	hypothetical spore wall protein 13	0 9812
67	2007-09-14-12 3652 3652 3 out	2636 4	0 895	0 51	2 23	259	0	Nosema	1	NTNRSVTFIIKGELQMCSVINIR	23	ABE27273 1	unknown	1
48	2007-09-14-12 2940 2940 3 out	1906 9	0 922	0 68	2 2	375	0	Nosema	1	NKM*VCEDCNNRQPVIK	17	AAD12605 1	RNA polymerase II largest subunit	0 9814
18	2007-09-14-12 3552 3552 2 out	1498 8	1 342	0 43	2 14	494	0	IIV6	1	EIFICYREGIKK	12	NP_149500 1	037L	0 9891
19	2007-09-14-12 3550 3550 2 out	1501	1 276	0 32	2 1	663	0	IIV6	1	ILYLLSTPKIVIK	13	NP_149657 1	094L	0 9685
8	2007-09-14-12 2779 2779 2 out	1190 6	0 654	0 41	2 06	405	0	IIV6	1	EFNNILQQGK	10	NP_149821 1	358L	0 9619
62	2007-09-14-12 4979 4979 3 out	2306 1	1 405	0 62	2 03	207	0	IIV6	1	SYIHTSNM*VM*FDHEGKIHK	21	NP_149508 1	045L	0 9967
13	2007-09-14-12 3065 3065 2 out	1226 7	0 167	0 48	2	789	0	Nosema	1	NAGKIAGLDVLR	12	BAF76326 1	heat shock protein 70	0 9595
33	2007-09-14-12 3724 3724 3 out	1734 9	1 316	0 49	2	257	0	IIV6	1	DVPIGNDFDKATITTK	16	NP_149798 1	335L	0 9504
54	2007-09-14-12 2106 2106 3 out	2049	1 333	0 32	1 97	136	0	Nosema	1	MPFGLTNAPATFQCLM*YK	19	ABE26649 1	pol polyprotein	0 9548
15	2007-09-14-12 5046 5046 2 out	1230 7	0 71	0 3	1 94	336	0	IIV6	1	DKNIAIDLNSK	11	NP_149883 1	420R	0 972
59	2007-09-14-12 2990 2990 3 out	2194 1	0 899	0 54	1 92	108	1 099	IIV6	1	NKSHMYDILQSYLYYQK	17	NP_149507 1	044R	0 9763
4	2007-09-14-12 2143 2143 2 out	1119 6	0 841	0 45	1 91	438	0	IIV6	1	QTNPEKFKK	9	NP_149788 1	325L	0 9656
6	2007-09-14-12 4681 4681 2 out	1145 7	0 51	0 32	1 89	294	0	IIV6	1	DLTLICKLAR	10	NP_149768 1	305L	0 9792
23	2007-09-14-12 3047 3047 2 out	1630 8	1 506	0 33	1 88	311	0	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9572
3	2007-09-14-12 2102 2102 2 out	1117 6	0 666	0 39	1 82	358	0 693	Nosema	1	LNM*PDALLSK	11	AAB62548 1	glutaminyl-tRNA synthetase	0 9915
9	2007-09-14-12 4787 4787 2 out	1190 7	0 256	0 34	1 82	332	0	Nosema	1	RFACALVLAAR	11	AAL28056 1	AF406785_5 unknown	0 9917
10	2007-09-14-12 3307 3307 2 out	1205 7	0 579	0 46	1 81	260	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 989
5	2007-09-14-12 4465 4465 2 out	1136 6	1 02	0 33	1 78	226	0	IIV6	1	NLNVDRFMK	9	NP_149681 1	218R	0 9862
32	2007-09-14-12 2881 2881 3 out	1732 9	0 329	0 48	1 75	171	0	IIV6	1	KCIGNNIVLLTEIM*R	16	NP_149493 1	030L	0 9998
14	2007-09-14-12 2776 2776 2 out	1228 7	1 471	0 43	1 72	400	0	IIV6	1	KIPPIDDFKR	10	NP_149530 1	067R	0 9658
1	2007-09-14-12 2514 2514 1 out	700 5	0 081	0 2	1 71	428	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
28	2007-09-14-12 4926 4926 3 out	1704	1 313	0 35	1 69	255	0 693	IIV6	1	NLPLYSVKTHKIYK	14	NP_149792 1	329R	0 9826
11	2007-09-14-12 2504 2504 2 out	1210 6	0 4	0 38	1 67	306	0	Nosema	1	M*NRTKEFLR	10	ABO69723 1	unknown	0 9616
49	2007-09-14-12 4423 4423 3 out	1934 9	0 124	0 43	1 67	335	0	IIV6	1	FVSTLDEITEMFFNNK	16	NP_149485 1	022L	0 9583
17	2007-09-14-12 2784 2784 2 out	1432 8	0 446	0 54	1 65	124	0	Nosema	1	GAAENFLNSKIIR	13	BAF76326 1	heat shock protein 70	0 9901
51	2007-09-14-12 6182 6182 3 out	1946	2	0 4	1 63	322	0	IIV6	1	FQMAYGELGYDPSKLVK	17	NP_149639 1	176R	0 9961
60	2007-09-14-12 2450 2452 3 out	2195	0 814	0 37	1 61	206	0	IIV6	1	FNFAGNNVECDITYESIMK	19	NP_149675 1	212L	0 957
65	2007-09-14-12 3814 3814 3 out	2542 3	1 095	0 4	1 59	347	0	Nosema	1	EGLFEFLRM*PFGLVNGPATFQR	23	ABE26655 1	pol polyprotein	0 9896
40	2007-09-14-12 4699 4699 3 out	1803	0 307	0 41	1 58	182	1 386	IIV6	1	MPRSWWIFEIGKPR	14	NP_149593 1	130R	0 996
46	2007-09-14-12 3977 3977 3 out	1843	0 03	0 48	1 58	190	1 386	IIV6	1	LELDVPPLTSGDFGNIR	17	NP_149772 1	309L	0 999
2	2007-09-14-12 2208 2208 2 out	1103 5	0 762	0 4	1 57	291	0	BQCV|BQCV|BQCV|BQCV	4	YDQYDPFR	8	ABC95162 1	structural polyprotein	0 9791
24	2007-09-14-12 4626 4626 3 out	1658 9	1 072	0 42	1 57	133	2 079	BQCV	1	VM*LGSFPLPTLNPTR	16	NP_620565 1	structural polyprotein	0 9528
56	2007-09-14-12 4349 4349 3 out	2075 9	0 651	0 38	1 56	1224	0	Nosema	1	FNEQCGREM*EVLMSMKK	18	ABV48900 1	hypothetical spore wall protein	0 9817
21	2007-09-14-12 2623 2623 2 out	1612 8	0 595	0 5	1 55	94	0 693	KBV|KBV	2	HFQTAESM*SKFKR	14	NP_851403 1	non-structural polyprotein	0 9874
53	2007-09-14-12 4782 4783 3 out	2009	1 624	0 51	1 54	30	3 638	IIV6	1	SGYTARPLWNEWKICGK	17	NP_149485 1	022L	0 9871
29	2007-09-14-12 6210 6210 3 out	1713 8	1 27	0 42	1 53	239	0	Nosema	1	M*SGHGSPNTM*KFM*LK	18	ABE26654 1	pol polyprotein	0 9742
30	2007-09-14-12 3292 3292 2 out	1714 8	1 401	0 49	1 53	542	0	DWV|DWV|DWV|DWV|Kakugo|VDV1	7	TDLM*EM*GSNPYIRR	16	NP_853560 2	polyprotein	1
38	2007-09-14-12 5767 5767 3 out	1783 8	0 528	0 44	1 53	301	0	MSCUT	1	NFM*PGGGISKFGGEDVR	18	ABQ96192 1	vasa	0 987
63	2007-09-14-12 3095 3095 3 out	2335 2	0 662	0 41	1 5	339	0	IIV6	1	PSIVAEM*PDIKPNQVM*VHLGK	23	NP_149864 1	401R	0 9696

Tast 21

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Referance	No	Peptide	AA	ID#	Protein	PP
46	2007-09-14-13 3484 3484 2 out	1790 9	0 349	0 56	2 76	552	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	1
18	2007-09-14-13 5087 5087 2 out	1614 9	0 364	0 47	2 52	323	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9589
13	2007-09-14-13 2541 2541 2 out	1344 7	1 507	0 28	2 5	383	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9931
4	2007-09-14-13 1572 1572 2 out	1171 6	0 409	0 7	2 32	604	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9861
12	2007-09-14-13 3401 3401 2 out	1332 8	1 595	0 42	2 25	251	0 693	Nosema	1	VESSIQSTKIIK	12	ABE27277 1	unknown	0 9932
16	2007-09-14-13 3746 3746 2 out	1498 8	1 361	0 46	2 25	619	0	IIV6	1	EIFICYREGIKK	12	NP_149500 1	037L	0 9917
32	2007-09-14-13 6155 6155 3 out	1717	0 986	0 5	2 23	316	0	IIV6	1	TLIFKTIKDYSFIK	14	NP_149716 1	253L	0 9877
30	2007-09-14-13 3548 3549 2 out	1703 8	0 745	0 41	2 19	114	0	IIV6	1	LCFNNNYSGNTTLDK	15	NP_149593 1	130R	0 9534
84	2007-09-14-13 6690 6690 3 out	2303 2	0 356	0 39	2 09	302	0	SV	1	VMNIMATTFGHLIARVYEPPR	20	AAL79021 1	AF469603_1 polyprotein	0 9895
5	2007-09-14-13 2360 2360 2 out	1203 6	0 423	0 35	2 08	581	0	ABPV	1	NNSNKMATPVK	11	NP_066242 1	capsid protein	0 9947
14	2007-09-14-13 4788 4788 2 out	1377 7	0 405	0 4	2 06	235	0	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9953
21	2007-09-14-13 6707 6707 3 out	1665 8	1 923	0 45	2 05	146	2 398	Nosema	1	LNLYAFNSFGYNSR	14	ABO69717 1	unknown	0 9911
71	2007-09-14-13 6108 6108 3 out	2033	0 349	0 49	2 04	260	0	IIV6	1	FDYDRDISTDPIERYK	16	NP_149692 1	229L	0 9855
19	2007-09-14-13 3248 3248 2 out	1630 8	1 439	0 38	2 03	363	0	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9809
90	2007-09-14-13 5371 5371 3 out	2655 2	0 142	0 39	2 03	75	2 708	IIV6	1	STRINYLPSSQSCAPFQSHADCDK	24	NP_149800 1	337L	0 9835
8	2007-09-14-13 3583 3583 2 out	1268 6	0 775	0 35	1 99	608	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9598
6	2007-09-14-13 3485 3487 2 out	1205 7	1 121	0 48	1 97	292	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9896
1	2007-09-14-13 3496 3496 2 out	1102 7	0 677	0 46	1 92	611	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9965
83	2007-09-14-13 5491 5491 3 out	2299 2	0 875	0 43	1 9	312	0 693	IIV6	1	VDVSSLKSCEEIIFIPNYDK	20	NP_149877 1	414L	0 9772
65	2007-09-14-13 2110 2110 3 out	1995 9	1 414	0 51	1 88	258	0	Nosema	1	YIENEEFKEEM*LFCR	16	ABE27267 1	unknown	0 9999
72	2007-09-14-13 6674 6674 3 out	2057	0 836	0 34	1 88	196	0 693	Nosema	1	IEVSVSNDHIGTVNAALCSK	20	AAT72743 1	translation elongation factor 2	0 9783
80	2007-09-14-13 6328 6328 3 out	2197 2	1 836	0 4	1 88	167	0	Nosema	1	RRLSEATAVLAEWALLEIR	19	AAL28056 1	AF406785_5 unknown	0 9997
42	2007-09-14-13 4159 4159 2 out	1769	1 35	0 61	1 87	145	0	IIV6	1	LPNIVPPSDGKKSTTSK	17	NP_149824 1	361L	0 997
9	2007-09-14-13 3709 3709 2 out	1285 7	0 484	0 56	1 86	1137	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9707
15	2007-09-14-13 4270 4270 2 out	1476 8	0 783	0 38	1 85	271	0	IIV6	1	EVSEENRLM*LLK	13	NP_149891 1	428L	0 9644
10	2007-09-14-13 2570 2570 2 out	1293 7	1 79	0 44	1 83	452	0	IIV6	1	KSIVEVSQYLK	11	NP_149500 1	037L	0 9584
40	2007-09-14-13 2759 2759 3 out	1757 9	0 463	0 48	1 83	131	0 693	IIV6	1	WGAPEDTPLFRLDIK	15	NP_149576 1	113L	0 9899
57	2007-09-14-13 3124 3124 3 out	1906 9	0 546	0 48	1 83	271	0	Nosema	1	NKM*VCEDCNNRQPVIK	17	AAD12605 1	RNA polymerase II largest subunit	0 9689
45	2007-09-14-13 2124 2124 2 out	1782	1 65	0 44	1 81	208	0	ABPV	1	GLEISRNIAELKLPTK	16	NP_066241 1	replicase polyprotein	0 9924
78	2007-09-14-13 5839 5839 3 out	2193 1	1 45	0 34	1 8	348	0	BQCV|BQCV|BQCV	3	EVQDGTAFLNARSIEDSDLL	20	NP_620565 1	structural polyprotein	0 9991
31	2007-09-14-13 6259 6259 3 out	1712 9	1 215	0 41	1 79	343	0	IIV6	1	QALLNTAGSSIM*YLSK	17	NP_149618 1	155L	0 9725
56	2007-09-14-13 2129 2129 3 out	1879 9	0 423	0 56	1 78	97	1 386	Nosema	1	LIDLGYGRM*LDNDVGGR	18	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9897
39	2007-09-14-13 2765 2765 3 out	1755 8	0 231	0 35	1 76	670	0	VDV1|VDV1	2	RSSLECQYIEPSTSR	15	YP_145791 1	polyprotein	0 9945
17	2007-09-14-13 3862 3862 2 out	1504 8	1 471	0 41	1 75	220	0	IIV6	1	PINIVTESNAYRK	13	NP_149612 1	149L	0 9611
50	2007-09-14-13 4260 4260 3 out	1801 9	1 088	0 49	1 75	112	1 792	IIV6	1	ELFDDLSRLYNFNR	14	NP_149883 1	420R	0 9594
60	2007-09-14-13 6752 6752 3 out	1915	1 444	0 46	1 75	365	0	Nosema	1	DELAGTGIEEIIGDKAKR	18	ABY49795 1	hypothetical spora wall protain 13	0 9755
66	2007-09-14-13 6409 6409 3 out	1999 1	1 334	0 47	1 75	181	0 693	IIV6	1	EFELHLLSKSPNVSLTGK	18	NP_149664 1	201R	0 9993
87	2007-09-14-13 3489 3489 3 out	2541 2	1 801	0 52	1 74	150	0	Nosema	1	NKFHLTSFSSGCDLQKEVECLR	22	ABV48890 1	hypothetical spore wall protein	0 9826
26	2007-09-14-13 3639 3639 3 out	1686 8	1 798	0 4	1 72	294	0 693	Nosema	1	GKYSWNGIYKDIDK	14	ABE26653 1	pol polyprotein	0 9502
38	2007-09-14-13 6820 6820 3 out	1743 8	1 962	0 34	1 72	378	0	Nosema	1	SKGVM*CWLCDEIESK	16	ABE27267 1	unknown	0 9934
41	2007-09-14-13 856 856 3 out	1763 9	0 027	0 43	1 72	194	0	IIV6	1	NVLSM*WSQPSMRRR	15	NP_149790 1	327R	0 9975
44	2007-09-14-13 1777 1777 3 out	1778 9	1 785	0 36	1 71	99	0 693	IIV6	1	PTKDNWLTM*CVGRNK	16	NP_149717 1	254L	0 9577
79	2007-09-14-13 2665 2665 3 out	2195	0 556	0 35	1 71	163	0	IIV6	1	FNFAGNNVECDITYESIMK	19	NP_149675 1	212L	0 9701
22	2007-09-14-13 4861 4861 3 out	1670 9	1 416	0 41	1 7	105	2 639	IIV6	1	YLFNNASFLTVLIR	14	NP_149815 1	352R	0 9516
7	2007-09-14-13 4810 4810 2 out	1230 7	0 985	0 43	1 69	277	0	IIV6	1	DKNIAIDLNSK	11	NP_149883 1	420R	0 9789
61	2007-09-14-13 1258 1258 3 out	1932 1	0 806	0 39	1 69	69	2 197	IIV6	1	TLNKILQKHYYIQNR	15	NP_149781 1	318R	0 9995
86	2007-09-14-13 4121 4121 3 out	2397 2	0 114	0 44	1 69	196	0	Nosema	1	SNSCYKVLHGMTLSMRSLIEK	21	ABE27270 1	unknown	0 9864
58	2007-09-14-13 5227 5227 3 out	1911	1 217	0 39	1 68	321	0	Nosema	1	EEWVRKIMFYGPLDK	15	AAT72743 1	translation elongation factor 2	0 9556
69	2007-09-14-13 3226 3226 3 out	2027	0 674	0 58	1 66	89	0	IIV6	1	NVIDAISQIHTETEDTLK	18	NP_149585 1	122R	0 9562
51	2007-09-14-13 3152 3152 3 out	1826	0 806	0 36	1 64	422	0	DWV	1	PEMDRILNLAEGLLNK	16	ABB36638 1	polyprotein	0 9882
23	2007-09-14-13 3706 3706 3 out	1675	1 819	0 46	1 63	528	0	IIV6	1	PFFANLLSVLNKPSK	15	NP_149508 1	045L	0 9921
11	2007-09-14-13 2563 2563 2 out	1323 5	0 51	0 52	1 62	181	0	Nosema	1	EDDESEKNDDK	11	ABV48893 1	hypothetical spora wall protain	0 9965
29	2007-09-14-13 5684 5684 3 out	1701 8	1 769	0 41	1 61	134	2 485	DWV|DWV|DWV|DWV|Kakugo|VDV1	7	ECLYLDDPKFRM*R	14	NP_853560 2	polyprotein	0 9997
24	2007-09-14-13 1514 1514 3 out	1679 9	1 626	0 47	1 58	129	0 693	Nosema	1	GNKNDLVYVVGFLNK	15	ABE26649 1	pol polyprotein	0 9885
48	2007-09-14-13 814 814 3 out	1795 9	1 049	0 37	1 58	208	0	Nosema	1	MIIKMLMSTDSIEKR	15	ABE27271 1	unknown	0 9859
81	2007-09-14-13 4950 4950 3 out	2267 2	0 979	0 53	1 58	116	0	IIV6	1	FGHSNPPIRYNPPIRYNPK	19	NP_149628 1	165R	0 9925
33	2007-09-14-13 5826 5826 3 out	1730 8	1 796	0 47	1 55	207	0 693	Nosema	1	ESFGFNHYLMEKTK	14	AAT72743 1	translation elongation factor 2	0 9998
70	2007-09-14-13 2857 2857 3 out	2029 1	1 39	0 7	1 55	71	0	IIV6	1	VSFIISVSSLICFASGDVGK	20	NP_149768 1	305L	0 9564
28	2007-09-14-13 2411 2411 3 out	1697 9	1 689	0 42	1 54	115	1 099	Nosema	1	LKKFNANIIDCPGHK	15	AAS16360 1	translation elongation factor 1 alpha	0 9528
77	2007-09-14-13 6058 6058 3 out	2166 1	0 751	0 44	1 54	90	1 386	Nosema	1	ISAEDNLLIFDEMVRGGMR	19	AAB62549 1	glutamyl-tRNA synthetase	0 9999
52	2007-09-14-13 1314 1314 3 out	1829 8	1 362	0 47	1 52	115	1 386	KBV|KBV|KBV|KBV	4	TDENTISFFDSGDPER	16	YP_308663 1	VP3	0 9866
55	2007-09-14-13 2861 2861 3 out	1849	0 357	0 48	1 51	228	0	IIV6	1	LDSKRTGLIMDFNNPK	16	NP_149642 1	179R	0 977
64	2007-09-14-13 6770 6770 3 out	1995	1 563	0 4	1 51	171	0 693	IIV6	1	TDLPLWMGSLDKVYNDK	17	NP_149668 1	205R	0 9775
36	2007-09-14-13 2581 2581 3 out	1739 9	0 477	0 38	1 5	138	0	IIV6	1	LQMLFPPPHM*TRKK	15	NP_149599 1	136R	0 9711

Test 22

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
10	2007-08-16-05 2883 2883 2 out	1631 8	1 446	0 59	3 14	737	0	Nosema|Nosema	2	AVLIDLEPGTM*DSVR	16	AAN35161 1	beta-tubulin	0 9545
11	2007-08-16-05 3029 3029 2 out	1790 9	1 519	0 61	3 1	520	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 995
5	2007-08-16-05 2342 2342 3 out	1324 7	0 262	0 41	2 11	337	0	Nosema	1	FIQYLEDLKR	10	ABE26650 1	pol polyprotein	0 9719
9	2007-08-16-05 766 766 3 out	1615 8	0 308	0 32	2 1	425	0	IIV6	1	VSGEGEHKLLDYIR	14	NP_149475 1	012L	0 9925
4	2007-08-16-05 2468 2468 2 out	1302 7	0 768	0 36	2 08	515	0	IIV6	1	MKDLRYHLVK	10	NP_149784 1	321R	0 9938
7	2007-08-16-05 676 676 2 out	1495 7	1 333	0 39	2 03	539	0	IIV6	1	FHNEKIVCSGSFQ	13	NP_149713 1	250L	0 9982
3	2007-08-16-05 2457 2457 3 out	1299 8	1 841	0 37	1 93	163	1 099	IIV6	1	EDKLPLSEIKK	11	NP_149752 1	289L	0 9845
2	2007-08-16-05 2535 2535 2 out	1184 7	0 161	0 49	1 75	435	0	IIV6	1	IKDIIDALQR	10	NP_149595 1	232R	0 9944
6	2007-08-16-05 2651 2651 2 out	1485 9	0 077	0 47	1 67	597	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9745
13	2007-08-16-05 2965 2965 3 out	2238 2	1 752	0 49	1 61	186	0	IIV6	1	ETGTILVYVNNLFSDPNTLK	20	NP_149574 1	111R	0 9897

Test 22A

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
76	2007-08-16-06 3041 3041 2 out	1790 9	0 611	0 63	3 51	811	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9955
54	2007-08-16-06 2966 2966 2 out	1329 8	1 51	0 47	2 7	645	0	IIV6	1	VEKGLSISQIKK	12	NP_149608 1	145L	0 9748
11	2007-08-16-06 782 782 2 out	875 4	0 179	0	2 44	415	0	Nosema	1	EIEDEIK	7	ABE27271 1	unknown	0 9577
47	2007-08-16-06 656 656 2 out	1292 7	0 429	0 43	2 3	281	0	IIV6	1	STDQTQTIISAK	12	NP_149523 1	060L	0 993
60	2007-08-16-06 2774 2774 2 out	1358 6	1 438	0 17	2 3	475	0	ABPV	1	LNDFLMDYAEK	11	NP_066241 1	replicase polyprotein	0 9839
51	2007-08-16-06 2883 2883 2 out	1320 7	0 649	0 27	2 15	288	0	IIV6	1	VQFNDTNLKNK	11	NP_149852 1	389L	0 9867
62	2007-08-16-06 2801 2801 2 out	1392 8	0 46	0 22	2 13	560	0	Nosema	1	SLIM*KANMILDK	13	ABV48894 1	hypothetical spore wall protein	0 9948
28	2007-08-16-06 1011 1011 2 out	1066 6	0 253	0 18	2 12	264	0	IIV6	1	KFIDM*LKR	9	NP_149701 1	238R	0 9813
66	2007-08-16-06 2903 2903 3 out	1451 7	1 701	0 34	2 12	462	0	Kakugo	1	PM*CPRSPM*LLFK	14	YP_015696 1	polyprotein	1
4	2007-08-16-06 579 579 2 out	759 5	0 248	0 06	2 09	270	0 693	IIV6	1	KNKEIK	6	NP_149864 1	401R	0 9937
37	2007-08-16-06 665 665 2 out	1108 5	1 56	0 35	2 09	223	1 099	SV	1	VQM*DDSIER	10	AAL79021 1	AF469603_1 polyprotein	0 9911
69	2007-08-16-06 3246 3246 2 out	1498 8	0 501	0 4	2 08	502	0 693	IIV6	1	EIFICYREGIKK	12	NP_149500 1	037L	1
77	2007-08-16-06 2564 2564 2 out	1826 9	0 563	0 16	2 07	325	0	Nosema	1	SNSCYKVLHGMTLSMR	16	ABE27270 1	unknown	0 9732
43	2007-08-16-06 2834 2834 2 out	1213 7	1 863	0 19	2 03	283	0	IIV6	1	ELNLENIIKK	10	NP_149748 1	285L	0 9855
13	2007-08-16-06 554 554 2 out	932 5	0 065	0 2	1 97	252	1 099	IIV6	1	NNNKDVTK	8	NP_149921 1	458R	0 9826
57	2007-08-16-06 2655 2655 2 out	1340 6	0 679	0 24	1 97	841	0	KBV|KBV	2	DMIEEAYQLTK	11	NP_851403 1	non-structural polyprotein	0 9629
59	2007-08-16-06 3128 3128 2 out	1350 8	0 581	0 15	1 96	503	0 693	IIV6	1	FLETLLKPFDK	11	NP_149666 1	203L	0 9589
65	2007-08-16-06 2694 2694 2 out	1450 7	0 568	0 21	1 96	655	0	IIV6	1	M*KQSKDLDLDNK	13	NP_149879 1	416R	1
70	2007-08-16-06 2661 2661 2 out	1596 8	1 524	0 56	1 9	198	0	Nosema	1	EARFNEIKSEM*AR	14	BAC15534 1	elongation factor 1 alpha	0 9952
19	2007-08-16-06 2243 2243 2 out	964 6	1 594	0 18	1 89	384	0	IIV6	1	FLSQITKK	8	NP_149867 1	404L	0 9878
9	2007-08-16-06 692 692 2 out	815 5	1 317	0 21	1 87	223	1 946	IIV6	1	KRSLSPK	7	NP_149829 1	366R	0 9686
73	2007-08-16-06 3222 3222 2 out	1638 9	1 464	0 32	1 86	99	1 792	IIV6	1	VAQLGAFVAQKTDYK	15	NP_149508 1	045L	0 9611
6	2007-08-16-06 565 565 2 out	787 5	1 455	0 14	1 84	436	0	Nosema	1	KAAEKIK	7	BAF76326 1	heat shock protein 70	0 9967
30	2007-08-16-06 2181 2181 2 out	1070 5	0 402	0 17	1 83	192	0	IAPV|IAPV	2	VCLVHNDDR	9	YP_001040002 1	polymerase polyprotein	0 9865
22	2007-08-16-06 691 691 2 out	1016 6	0 519	0 18	1 82	237	0 693	IIV6	1	EAGLKVLMR	9	NP_149716 1	253L	0 9699
46	2007-08-16-06 3659 3659 2 out	1280 8	1 233	0 58	1 8	327	0	IIV6	1	YKLEIILFNK	10	NP_149544 1	081L	0 9931
8	2007-08-16-06 2487 2487 2 out	789 5	0 366	0 34	1 78	455	0	Nosema	1	YPKIIR	6	AAC47660 1	mitochondrial-type HSP70	0 9976
71	2007-08-16-06 1313 1313 3 out	1606 8	1 142	0 4	1 77	95	1 386	IIV6	1	TCGTNGLPMTQNEIK	15	NP_149500 1	037L	0 9697
18	2007-08-16-06 591 591 2 out	960 5	0 063	0 18	1 76	265	0	Nosema	1	ISDEDILR	8	ABM26980 1	RNA polymerase II largest subunit	0 9893
48	2007-08-16-06 3164 3164 2 out	1300 8	0 815	0 36	1 76	89	2 079	Nosema	1	WKEGTAVLRLK	11	AAB62548 1	glutaminyl-tRNA synthetase	0 9758
68	2007-08-16-06 2682 2682 2 out	1459 8	0 422	0 44	1 74	469	0	IIV6	1	M*PHYVVVKSPMR	13	NP_149567 1	104L	0 9554
23	2007-08-16-06 2697 2697 2 out	1030 6	0 406	0 39	1 73	233	0	IIV6	1	VLKVMVGER	9	NP_149485 1	022L	0 9878
24	2007-08-16-06 511 511 2 out	1032 6	0 713	0 19	1 72	261	0	IIV6	1	EAGLKVLM*R	10	NP_149716 1	253L	0 9637
72	2007-08-16-06 2163 2163 3 out	1615 8	1 136	0 4	1 72	434	0	IIV6	1	VSGEGEHKLLDYIR	14	NP_149475 1	012L	0 9512
78	2007-08-16-06 2567 2567 2 out	1913 9	0 674	0 32	1 69	102	0 693	Nosema	1	AEPTRHHDRYAYIER	15	ABV48889 1	spore wall protein	0 9677
3	2007-08-16-06 613 613 2 out	753 4	0 521	0 19	1 68	213	0 693	IIV6	1	QAFIFK	6	NP_149735 1	272L	0 9815
53	2007-08-16-06 2814 2814 2 out	1327 7	1 768	0 26	1 67	261	0	IAPV|IAPV	2	KCVSKTYEEIK	11	YP_001040002 1	polymerase polyprotein	0 9656
32	2007-08-16-06 1065 1065 2 out	1072 5	0 82	0 25	1 66	156	1 386	VDV1|VDV1	2	QM*DYMKLK	9	YP_145791 1	polyprotein	0 9815
33	2007-08-16-06 2125 2125 2 out	1088 6	0 63	0 26	1 66	223	0 693	KBV|KBV|KBV|KBV	4	GCGEQIVNLR	10	YP_308663 1	VP3	0 9607
58	2007-08-16-06 2995 2995 2 out	1344 7	1 938	0 27	1 65	281	0	Nosema	1	GVSTVVGEIQDIK	13	ABE27273 1	unknown	0 9856
14	2007-08-16-06 2735 2735 2 out	946 6	0 562	0 47	1 64	350	0	Nosema	1	LGFLKRGR	8	AAT12296 1	chromosome segregation protein	0 9854
52	2007-08-16-06 2419 2419 2 out	1326 8	1 582	0 33	1 62	125	1 099	ABPV|ABPV|ABPV|KBV	9	PIEKVDQLKTR	11	ABQ16543 1	nonstructural protein	0 9832
7	2007-08-16-06 1424 1424 2 out	789 4	0 294	0 28	1 59	305	0	Nosema	1	NLADTKK	7	AAQ91615 1	group II large subunit catalase	0 9929
41	2007-08-16-06 885 885 2 out	1183 6	0 769	0 27	1 55	97	1 609	Nosema	1	FISPTDYNVK	10	ABQ69717 1	unknown	0 9584
55	2007-08-16-06 3632 3632 2 out	1332 8	0 277	0 28	1 53	153	0 693	Nosema	1	VESSIQSTKIIK	12	ABE27277 1	unknown	0 959
17	2007-08-16-06 1070 1070 2 out	959 4	0 726	0 26	1 51	178	0	IIV6	1	ETFFNSSK	8	NP_149483 1	020L	0 9895

Test 23

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
11	2007-09-04-20 3155 3155 2 out	1614 9	1 318	0 28	2 96	687	0	IIV6	1	TILTTKVQNIINIEK	14	NP_149513 1	050L	0 9732
30	2007-09-04-20 3003 3003 3 out	2728 4	1 567	0 33	2 24	89	1 099	IAPV|IAPV	2	STSENPKVGPISEVASGVKTTANGIER	27	YP_001040003 1	structural polyprotein	0 9949
19	2007-09-04-20 5337 5337 3 out	2316 3	0 862	0 34	2 11	131	1 609	Nosema	1	EVEDVYPSEKLLDIVKAQLK	20	ABE26648 1	pol polyprotein	0 9744
18	2007-09-04-20 5520 5520 3 out	2147 2	0 455	0 51	2 07	156	1 386	Nosema	1	MPIVQKHKISGIGYVYTGR	19	BAC15534 1	elongation factor 1 alpha	0 9926
14	2007-09-04-20 5360 5360 3 out	1797 9	0 538	0 35	2 04	449	0	IIV6	1	QGELLLLNTLQPFDGPR	16	NP_149758 1	295L	0 995
12	2007-09-04-20 5678 5678 2 out	1630 8	1 573	0 31	2 01	422	0	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9573
1	2007-09-04-20 2624 2624 1 out	700 5	1 112	0 17	1 98	417	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9922
2	2007-09-04-20 2483 2483 2 out	912 5	0 593	0 65	1 96	799	0	IIV6	1	WLIVEPR	7	NP_149675 1	212L	0 9976
8	2007-09-04-20 2489 2489 2 out	1493 9	0 226	0 5	1 94	127	0	IIV6	1	ALDCLRKLPSHLK	13	NP_149590 1	127L	0 9778
9	2007-09-04-20 2291 2291 2 out	1495 7	1 343	0 31	1 93	439	0	IIV6	1	FHNEKIVCSGSFQ	13	NP_149713 1	250L	0 978
25	2007-09-04-20 5171 5171 3 out	2552 5	1 523	0 34	1 91	156	1 099	Nosema	1	M*FVLAVIVLFLITKKILNSM*AR	24	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9831
21	2007-09-04-20 3476 3476 3 out	2427 2	0 145	0 35	1 86	229	0	Nosema	1	SIVM*NKYNFKDDIFTGLIHR	21	ABE27264 1	unknown	0 9977
28	2007-09-04-20 4644 4644 3 out	2673 5	0 891	0 37	1 8	76	1 792	IIV6	1	TFKILNFVIFM*PFVFIFKFMK	22	NP_149511 1	048R	0 976
27	2007-09-04-20 5348 5348 3 out	2671 4	0 178	0 39	1 77	127	0 693	Nosema	1	TIQVARHPALLSEGVLYWSHHEK	23	AAT12295 1	phospholipase D	0 9897
17	2007-09-04-20 5340 5340 3 out	2145 2	0 897	0 37	1 74	241	0 693	KBV|KBV|KBV|KBV	4	TNPQKYIKQWTLPSTVLK	18	AAT76528 2	structural polyprotein	0 9982
15	2007-09-04-20 2744 2744 3 out	1990 1	1 472	0 34	1 73	133	0	VDV1|VDV1	2	TLWADLQRVGSEISTSVK	18	YP_145791 1	polyprotein	0 9768
23	2007-09-04-20 4718 4718 3 out	2540 2	1 429	0 45	1 62	152	1 792	IIV6	1	VLPVNCLSSYEDDQANNPCFRR	22	NP_149676 1	213R	0 9789
3	2007-09-04-20 2451 2451 2 out	920 5	1 674	0 41	1 58	520	0	Nosema	1	MSEIITVK	8	AAT72741 1	deoxyuridine 5 triphosphate nucleotidehydrolas	1

Test 24

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
30	2007-09-14-15 3528 3528 2 out	1790 9	0 302	0 62	3 38	813	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9904
17	2007-09-14-15 3678 3678 2 out	1422 7	1 779	0 48	3 01	1124	0	Nosema	1	NKLLNYLACNEK	12	ABE26651 1	pol polyprotein	0 988
41	2007-09-14-15 3593 3593 3 out	2110 1	1 755	0 37	2 71	250	0	Nosema	1	ASLQLKELEMQHNNLVSR	18	AAT12296 1	chromosome segregation protein	0 9756
4	2007-09-14-15 3476 3476 2 out	1143 6	0 118	0 53	2 7	852	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9961
18	2007-09-14-15 4166 4166 2 out	1426 7	0 647	0 5	2 37	390	0	IIV6	1	SIDLIMYEVSEK	12	NP_149485 1	022L	0 9868
21	2007-09-14-15 3959 3959 2 out	1614 9	0 255	0 3	2 32	328	0 693	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9757
5	2007-09-14-15 774 774 2 out	1171 6	0 35	0 68	2 31	388	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9562
10	2007-09-14-15 2705 2705 2 out	1344 7	0 69	0 39	2 3	462	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9959
12	2007-09-14-15 4433 4433 2 out	1377 7	1 62	0 48	2 24	185	0	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9597
29	2007-09-14-15 4303 4303 3 out	1783	0 046	0 45	2 11	263	0	IIV6	1	TITLQKLIETKYGM*K	16	NP_149589 1	126R	0 998
6	2007-09-14-15 3721 3721 2 out	1213 7	1 65	0 29	2 06	307	0	IIV6	1	ELNLENIIKK	10	NP_149748 1	285L	0 9964
9	2007-09-14-15 1177 1177 2 out	1293 8	1 908	0 5	1 95	291	0	IIV6	1	NLFVRFKELK	10	NP_149851 1	388R	0 997
11	2007-09-14-15 3668 3670 2 out	1358 8	0 889	0 4	1 92	323	0	Nosema	1	ALVDTGSTVNLIR	13	ABE26655 1	pol polyprotein	0 9948
23	2007-09-14-15 2754 2755 3 out	1696 9	0 691	0 4	1 9	262	0	IIV6	1	KSTVDLYSISGSNVVK	16	NP_149642 1	179R	0 9996
26	2007-09-14-15 3604 3604 3 out	1746 8	1 44	0 43	1 86	273	0	IIV6	1	EEDEVYDFANNFVR	14	NP_149731 1	268L	0 9947
1	2007-09-14-15 687 687 1 out	703 4	1 1	0 14	1 85	197	0 693	IIV6	1	TIDNIK	6	NP_149800 1	337L	1
31	2007-09-14-15 3227 3227 3 out	1826	0 746	0 42	1 84	335	0	DWV	1	PEMDRILNLAEGLLNK	16	ABB36638 1	polyprotein	0 9999
22	2007-09-14-15 2845 2845 3 out	1659 8	0 466	0 48	1 83	358	0	Nosema	1	GEDDLTYKYSDIIK	14	AAD12605 1	RNA polymerase II largest subunit	0 9933
2	2007-09-14-15 3562 3562 2 out	1102 7	0 563	0 49	1 82	559	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9953
27	2007-09-14-15 2934 2934 2 out	1755 8	0 419	0 45	1 78	379	0	VDV1|VDV1	2	RSSLECQYIEPSTSR	15	YP_145791 1	polyprotein	0 9884
8	2007-09-14-15 4306 4306 2 out	1230 7	1 161	0 42	1 72	219	0	IIV6	1	DKNIAIDLNSK	11	NP_149883 1	420R	0 9568
19	2007-09-14-15 3074 3074 2 out	1485 9	0 227	0 42	1 69	673	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9965
33	2007-09-14-15 2894 2894 2 out	1849	0 129	0 47	1 67	166	0	IIV6	1	LDSKRTGLIMDFNNPK	16	NP_149642 1	179R	0 971
14	2007-09-14-15 3006 3006 2 out	1389 7	1 512	0 49	1 63	192	0	VDV1|VDV1	2	NVLIECKANEEK	12	YP_145791 1	polyprotein	0 9964
25	2007-09-14-15 4360 4360 3 out	1728	1 34	0 39	1 62	527	0	Nosema|Nosema	3	NLKADLNAIWAVSKGK	16	ABM26981 1	RNA polymerase II largest subunit	0 9737
20	2007-09-14-15 3596 3596 2 out	1516 8	0 456	0 48	1 6	160	0	IIV6	1	IHCLPFLLNYQR	12	NP_149487 1	024L	0 985
28	2007-09-14-15 720 720 3 out	1756 9	1 721	0 46	1 6	204	0	Nosema	1	NALRTACLHDCREVR	15	AAT12295 1	phospholipase D	0 999
3	2007-09-14-15 3684 3684 2 out	1122 5	0 602	0 42	1 58	217	0 693	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9829

Test 25

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
29	2007-09-14-16 3605 3605 2 out	1790 9	0 303	0 63	3 3	727	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9978
9	2007-09-14-16 2693 2693 2 out	1344 7	1 543	0 36	2 39	411	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9821
13	2007-09-14-16 3834 3834 2 out	1614 9	0 131	0 33	2 36	630	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 963
14	2007-09-14-16 3593 3593 3 out	1668	0 251	0 52	2 33	779	0	Nosema	1	IKVIQEVQIDILEK	14	ABE27269 1	unknown	0 9901
26	2007-09-14-16 2374 2374 3 out	1783 8	0 513	0 51	2 2	1234	0	Nosema	1	RIDWSENLQM*NFSK	15	ABE26653 1	pol polyprotein	1
32	2007-09-14-16 3281 3281 3 out	1829 9	1 56	0 33	2 15	384	0	IIV6	1	DIPDFTIRSEYKSMK	15	NP_149530 1	067R	0 9909
6	2007-09-14-16 3540 3540 2 out	1143 6	0 761	0 5	2 13	921	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9876
23	2007-09-14-16 2885 2885 3 out	1755 8	0 75	0 54	2 13	802	0	VDV1|VDV1	2	RSSLECQYIEPSTSR	15	YP_145791 1	polyprotein	0 9982
8	2007-09-14-16 624 624 2 out	1182 5	1 667	0 32	2 12	101	1 792	IIV6	1	EMEQYNIQK	9	NP_149809 1	346R	0 9958
19	2007-09-14-16 3398 3398 2 out	1691 9	1 872	0 4	2 09	245	0	Nosema	1	ENIKWYTINGPKTK	14	ABO69724 1	unknown	0 9831
24	2007-09-14-16 2780 2780 3 out	1764 9	1 492	0 39	2 03	191	0 693	Nosema	1	EAKTKVIAGENCGVAFK	17	BAC15534 1	elongation factor 1 alpha	0 9996
2	2007-09-14-16 2214 2214 1 out	715 4	0 277	0 16	2	319	0	IIV6	1	NIIIDK	6	NP_149495 1	032R	1
12	2007-09-14-16 3659 3659 2 out	1608 9	1 662	0 44	1 96	382	0	IIV6	1	VDEVLHKVDVVQTK	14	NP_149701 1	238R	0 9758
15	2007-09-14-16 3840 3840 3 out	1676 7	1 217	0 36	1 94	297	0 693	IIV6	1	EEYCLHNPNSPDCR	14	NP_149800 1	337L	0 9829
21	2007-09-14-16 5146 5146 3 out	1734	1 552	0 48	1 92	311	0	IIV6	1	ITKPIQNQLCFSITK	15	NP_149540 1	077L	0 9802
46	2007-09-14-16 3616 3616 3 out	2425 2	0 143	0 38	1 88	329	0	IIV6	1	HVLDVAM*LASSEGVSVYFNDKK	23	NP_149508 1	045L	0 9672
11	2007-09-14-16 3102 3102 2 out	1485 9	0 325	0 49	1 83	536	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9985
39	2007-09-14-16 2410 2410 3 out	1987 1	1 004	0 43	1 81	208	0	DWV|DWV	2	EXSPISVSNRFAPLESLK	18	NP_853560 2	polyprotein	0 9914
3	2007-09-14-16 3446 3446 2 out	1109 6	0 026	0 43	1 72	311	0	IIV6	1	M*AM*LRLNTK	11	NP_149463 1	468L	0 9979
18	2007-09-14-16 4989 4989 3 out	1688 8	1 439	0 51	1 68	273	0	IIV6	1	FLEEASSSFNIDVCK	15	NP_149564 1	101L	0 9994
4	2007-09-14-16 3388 3388 2 out	1122 5	0 68	0 41	1 65	249	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9747
42	2007-09-14-16 5828 5828 3 out	2075 9	0 208	0 4	1 65	670	0	Nosema	1	FNEQCGREM*EVLMSMKK	18	ABV48900 1	hypothetical spore wall protein	0 9997
5	2007-09-14-16 2315 2315 2 out	1140 7	0 321	0 42	1 64	587	0	IIV6	1	RTLPHYILK	9	NP_149639 1	176R	0 9985
31	2007-09-14-16 3155 3155 3 out	1799 9	1 036	0 53	1 64	121	0	IIV6	1	SVANDDDIQIPDLEKK	16	NP_149669 1	206R	0 9848
25	2007-09-14-16 2605 2605 3 out	1774 8	0 891	0 41	1 61	139	0 693	Nosema	1	DEDKWETLM*TLYSK	15	ABE26648 1	pol polyprotein	0 9997
34	2007-09-14-16 3004 3004 3 out	1849	0 517	0 52	1 58	228	0	IIV6	1	LDSKRTGLIMDFNNPK	16	NP_149642 1	179R	0 9897
35	2007-09-14-16 4033 4033 3 out	1859 9	0 745	0 54	1 58	294	0	Nosema	1	IDLRYSTWTWTVYR	14	AAT12295 1	phospholipase D	0 9984
28	2007-09-14-16 6539 6539 3 out	1788 8	0 419	0 43	1 56	148	1 609	Nosema	1	HGAGSAGERAKSTGEDMK	18	AAU11092 1	unknown	1
38	2007-09-14-16 4040 4040 3 out	1950 9	0 237	0 41	1 55	149	1 099	VDV1|VDV1	2	CQHWYAPLTAIYVDDR	16	YP_145791 1	polyprotein	0 9988
1	2007-09-14-16 2314 2314 1 out	713 5	0 93	0 18	1 54	336	0	IIV6	1	LINLLK	6	NP_149877 1	414L	1
17	2007-09-14-16 3221 3221 2 out	1683 9	0 472	0 43	1 54	147	0	IIV6	1	QWKMELFLNLSFK	13	NP_149723 1	260R	0 9938
16	2007-09-14-16 3810 3810 3 out	1679 9	1 247	0 43	1 51	160	1 099	KBV|KBV	2	TGM*EAM*IKRIGDLGR	17	NP_851403 1	non-structural polyprotein	0 9994
47	2007-09-14-16 3184 3184 3 out	2751 4	0 953	0 5	1 5	98	1 099	Nosema	1	M*EIGLIGIGNM*GRELALNINDKGYK	27	ABO69727 1	unknown	0 9625

Test 26

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
11	2007-09-04-21 992 992 2 out	1117 6	0 809	0 56	2 82	857	0	SV|SV|SV|SV|SV|SV|SV|SV	21	VNNLHEYTK	9	NP_049374 1	polyprotein	1
65	2007-09-04-21 4863 4863 3 out	2502 3	1 753	0 45	2 37	374	0	IIV6	1	IDEVIVPKEIAQSLTFPDFVNK	22	NP_149639 1	176R	0 9751
61	2007-09-04-21 4492 4492 3 out	2310 1	0 347	0 39	2 29	253	0	Nosema	1	TGELAVADLGCGRM*SERHVHR	22	AAT12294 1	beta transducin repeat containing protein-like	0 9906
38	2007-09-04-21 4600 4600 2 out	1614 9	1 467	0 29	2 28	344	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 991
62	2007-09-04-21 3422 3422 3 out	2332 1	1 128	0 42	2 19	142	1 386	Nosema	1	RCSFEETVEILLEASCFAER	20	AAD12605 1	RNA polymerase II largest subunit	0 9504
23	2007-09-04-21 1911 1911 3 out	1260 7	0 144	0 33	2 14	523	0 693	IIV6	1	EM*LLLPNESAK	12	NP_149674 1	211L	0 9896
15	2007-09-04-21 1894 1894 2 out	1164 6	0 48	0 49	2 11	513	0	Nosema	1	KESSELTNEK	10	ABV48896 1	hypothetical spore wall protein	0 9919
59	2007-09-04-21 5480 5480 3 out	2145 1	1 663	0 34	2 1	267	0	IIV6	1	EEDTQKIDVLIDQNEDLK	18	NP_149611 1	148R	0 9924
26	2007-09-04-21 2236 2236 2 out	1344 7	1 576	0 31	2 08	425	0 693	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9647
67	2007-09-04-21 3479 3479 3 out	2669 3	0 764	0 57	2 04	95	1 609	IAPV|IAPV	2	KSTAKFVESDPNDIVDVTMQMWK	23	YP_001040002 1	polymerase polyprotein	0 9511
58	2007-09-04-21 5438 5439 3 out	2144 1	1 602	0 45	2 02	107	1 386	SV|SV|SV|SV|SV|SV|SV|SV	17	TLIVAAAGLVM*AVGSIFGM*YK	23	NP_049374 1	polyprotein	0 9583
66	2007-09-04-21 5267 5267 3 out	2628 3	1 611	0 4	1 99	178	0	IIV6	1	HYVDPPLSNQDVGLISFVPCNDAK	24	NP_149750 1	287R	0 9977
19	2007-09-04-21 2045 2045 2 out	1232 6	1 379	0 35	1 98	238	0	KBV|KBV|KBV|KBV|KBV	5	QVSM*QIATPNK	12	ABN49472 1	VP4 protein	0 955
33	2007-09-04-21 3575 3575 2 out	1474 7	0 877	0 33	1 96	281	0	IIV6	1	YM*KDVYANVIDK	13	NP_149500 1	037L	0 9817
39	2007-09-04-21 3017 3017 2 out	1626	1 215	0 44	1 96	135	0	IIV6	1	LTKLVNSGNAIRLVK	15	NP_149639 1	176R	0 9933
50	2007-09-04-21 3185 3185 3 out	1844	1 232	0 34	1 95	334	0	IIV6	1	KDQLIDFAQSLGLNPGK	17	NP_149695 1	232R	0 9588
4	2007-09-04-21 651 651 2 out	872 5	0 334	0 41	1 94	340	0	IIV6	1	KGKNIGQK	8	NP_149852 1	389L	0 9913
64	2007-09-04-21 3809 3809 3 out	2470 2	1 995	0 45	1 9	230	0	Nosema	1	SSVIPEKFYSWGDNLWDTLGR	21	ABE27270 1	unknown	0 9986
35	2007-09-04-21 4959 4959 2 out	1492 9	0 411	0 36	1 89	298	0	Nosema	1	VLDNRHLGSIKLK	13	BAF76326 1	heat shock protein 70	0 9954
3	2007-09-04-21 824 824 2 out	816 5	0 2	0 24	1 87	253	1 099	IIV6	1	KDTIVLK	7	NP_149618 1	155L	0 9841
5	2007-09-04-21 2304 2304 2 out	912 5	0 454	0 69	1 86	766	0	IIV6	1	WLIVEPR	7	NP_149675 1	212L	0 9943
40	2007-09-04-21 2888 2888 2 out	1630 8	0 735	0 33	1 84	361	0	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9567
44	2007-09-04-21 1413 1413 3 out	1742 7	1 05	0 49	1 84	135	0	Nosema	1	HPECM*CPSNCEIHAR	16	AAB62548 1	glutaminyl-tRNA synthetase	0 9957
7	2007-09-04-21 1656 1656 2 out	923 4	1 24	0 26	1 82	535	0	Nosema	1	FDDTNPSK	8	AAB62549 1	glutamyl-tRNA synthetase	0 9704
68	2007-09-04-21 3137 3138 3 out	2804 5	0 451	0 37	1 81	103	0 693	IIV6	1	ELIALVQLHHLRFEMHQQRHLR	22	NP_149726 1	263L	0 986
47	2007-09-04-21 3359 3359 2 out	1767	1 74	0 39	1 8	101	0 693	Nosema	1	ITKLMFMSLSKINLK	15	ABE27273 1	unknown	0 9897
30	2007-09-04-21 1463 1463 3 out	1404 8	0 58	0 47	1 79	216	0	IIV6	1	MTIICIDGIIGAGK	14	NP_149606 1	143R	0 9859
54	2007-09-04-21 3280 3280 3 out	1970 9	0 144	0 45	1 78	373	0	Nosema	1	AEVRSM*TETSMNQETIK	18	ABE26654 1	pol polyprotein	0 9577
53	2007-09-04-21 2818 2818 3 out	1955 2	0 089	0 42	1 76	190	0	IIV6	1	MILVLAFLHLQKFLLR	16	NP_149845 1	382R	0 9901
27	2007-09-04-21 2813 2813 2 out	1366 7	1 438	0 3	1 74	978	0	IIV6	1	INLVLFDHHCR	11	NP_149818 1	355R	1
8	2007-09-04-21 2562 2562 2 out	959 6	0 583	0 37	1 69	317	0	KBV|KBV|IAPV|IAPV	4	EAALLAFPK	9	NP_851403 1	non-structural polyprotein	0 9916
36	2007-09-04-21 4821 4821 3 out	1536 8	1 118	0 36	1 69	244	0 693	IIV6	1	SPKSM*TVQSIAFPK	15	NP_149829 1	366R	0 9805
22	2007-09-04-21 3084 3084 2 out	1255 7	1 595	0 39	1 68	194	0 693	IIV6	1	MDLFFLTKLK	10	NP_149587 1	124L	0 9951
63	2007-09-04-21 4845 4845 3 out	2433 2	1 75	0 37	1 66	222	0	IIV6	1	KTGSIITTRLLEWMGYSGEYK	21	NP_149883 1	420R	0 9836
14	2007-09-04-21 2146 2146 2 out	1154 6	1 421	0 38	1 65	116	1 609	IIV6	1	QSQPNVAALAR	11	NP_149695 1	232R	1
52	2007-09-04-21 3498 3498 2 out	1877 8	1 639	0 38	1 65	131	0 693	IIV6	1	VGEDNDLLNAEDDSTDR	17	NP_149792 1	329R	0 987
60	2007-09-04-21 2728 2728 3 out	2192 3	0 529	0 42	1 65	171	0	Nosema	1	RSTRDVVLIVLGDFLGYLR	19	BAC75455 1	putative spore surface protein	0 9634
34	2007-09-04-21 3064 3064 2 out	1481 9	1 168	0 45	1 62	227	0 693	Nosema	1	LALKANATKCHIAK	14	ABE26648 1	pol polyprotein	0 9872
56	2007-09-04-21 4892 4892 3 out	2057	0 822	0 41	1 6	155	1 386	IIV6	1	NSCSVTLTYNDITIQRTK	18	NP_149513 1	050L	0 991
21	2007-09-04-21 2603 2603 2 out	1252 7	1 426	0 69	1 58	594	0	Nosema	1	YTKEWEAVVK	10	AAC41564 1	isoleucyl-tRNA synthetase	1
9	2007-09-04-21 849 849 2 out	1093 6	0 081	0 36	1 57	198	0 693	SV|SV|SV	3	LSTILTSCKK	10	AAL79021 1	AF469603_1 polyprotein	0 993
10	2007-09-04-21 2162 2162 2 out	1103 5	0 26	0 34	1 56	294	0	BQCV|BQCV|BQCV|BQCV	4	YDQYDPFR	8	ABC95162 1	structural polyprotein	0 969
45	2007-09-04-21 1764 1764 3 out	1746 9	1 938	0 42	1 55	257	0	IIV6	1	YDESEMLLQKIYSK	14	NP_149813 1	350L	0 9864
55	2007-09-04-21 2908 2908 3 out	2001 1	0 818	0 38	1 55	223	0	IIV6	1	FIINLCVPCKSYFKVVK	17	NP_149891 1	428L	0 968
20	2007-09-04-21 2148 2148 3 out	1240 7	1 12	0 6	1 54	304	0	IIV6	1	GRTIGGVTLPGGR	13	NP_149676 1	213R	1
12	2007-09-04-21 4184 4184 2 out	1122 5	0 552	0 36	1 53	181	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9681
17	2007-09-04-21 1037 1037 2 out	1192 6	1 225	0 35	1 53	105	0 693	Nosema	1	HHLAKCCPRK	10	ABV48892 1	hypothetical spore wall protein	0 9888
28	2007-09-04-21 2878 2878 2 out	1378 8	1 978	0 52	1 53	173	0	IAPV|IAPV	2	MASGVVYLRQVR	12	YP_001040002 1	polymerase polyprotein	0 9933
2	2007-09-04-21 795 795 2 out	724 4	0 245	0 44	1 51	356	0 693	IIV6	1	KSQFSK	6	NP_149824 1	361L	0 9857
24	2007-09-04-21 1782 1782 3 out	1293 7	1 625	0 38	1 5	118	0 693	IIV6	1	EVAIDCQLFKK	11	NP_149485 1	022L	0 9586
41	2007-09-04-21 1242 1242 3 out	1630 9	1 053	0 39	1 5	241	0	Nosema	1	QATDFLIAIAEPVSR	15	AAT12293 1	DNA repair helicase RAD25	0 9646

Test 27

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
37	2007-09-04-22 3108 3108 2 out	1790 9	1 654	0 61	2 83	565	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9786
1	2007-09-04-22 2503 2503 2 out	700 5	0 4	0 23	2 31	400	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9887
25	2007-09-04-22 3319 3319 2 out	1498 8	1 594	0 25	2 29	270	0	IIV6	1	EIFICYREGIKK	12	NP_149500 1	037L	0 9884
40	2007-09-04-22 4370 4370 3 out	2652 3	0 538	0 37	1 95	207	0 693	Nosema	1	M*RDEIYEAFDNIYPVLTQYKK	22	AAF03091 1	AF144035_1 transcription initiation factor TFIID	0 9722
13	2007-09-04-22 2848 2848 2 out	1235 7	1 804	0 32	1 91	280	0	IIV6	1	IFLDLLMDKK	10	NP_149745 1	282R	0 989
17	2007-09-04-22 2943 2943 2 out	1377 7	0 596	0 35	1 89	193	0 693	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9841
34	2007-09-04-22 3129 3130 2 out	1763 1	0 177	0 38	1 88	346	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9904
20	2007-09-04-22 2419 2419 2 out	1413 9	0 275	0 34	1 86	187	1 609	Nosema	1	EVLIKNKELLSK	12	ABV48897 1	hypothetical spore wall protein	0 9836
2	2007-09-04-22 2155 2155 1 out	713 5	0 886	0 25	1 85	404	0	IIV6	1	LINLLK	6	NP_149877 1	414L	1
29	2007-09-04-22 2950 2950 2 out	1630 8	1 064	0 33	1 82	370	0	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9759
31	2007-09-04-22 2098 2098 3 out	1696	1 348	0 42	1 8	107	1 099	IIV6	1	LDAIEILPTKPGEATK	16	NP_149485 1	022L	0 9719
12	2007-09-04-22 3117 3117 2 out	1234 8	1 059	0 39	1 79	510	0	IIV6	1	ILKTQFFKLP	10	NP_149558 1	095L	0 9681
9	2007-09-04-22 1414 1414 3 out	1156 5	0 363	0 36	1 75	413	0	KBV|KBV|IAPV|IAPV	4	CAMDTPYIDK	10	NP_851403 1	non-structural polyprotein	0 9631
11	2007-09-04-22 785 785 3 out	1230 6	1 709	0 36	1 75	200	0	Nosema	1	EVEILDVEER	10	ABE27265 1	unknown	0 9952
30	2007-09-04-22 2431 2431 3 out	1631 9	0 285	0 5	1 75	151	0 693	IIV6	1	SPNYLLINIPNFVK	14	NP_149475 1	012L	0 9998
38	2007-09-04-22 4827 4827 3 out	2353 3	0 652	0 4	1 74	322	0	IIV6	1	SSISSGPIPYPARGHPFKLTGAL	23	NP_149880 1	417L	0 9827
6	2007-09-04-22 2880 2880 2 out	1068 7	0 65	0 44	1 68	467	0	IIV6	1	ILKIVEIIK	9	NP_149635 1	172L	0 9866
7	2007-09-04-22 2206 2206 2 out	1103 5	1 533	0 38	1 67	254	0 693	BQCV|BQCV|BQCV|BQCV	4	YDQYDPFR	8	ABC95162 1	structural polyprotein	0 9849
8	2007-09-04-22 2910 2910 2 out	1122 5	0 511	0 44	1 67	374	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 978
23	2007-09-04-22 2691 2691 2 out	1485 9	0 064	0 57	1 66	515	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 998
43	2007-09-04-22 3112 3112 3 out	2833 5	0 209	0 47	1 66	184	0	IIV6	1	NEIGIM*EPFEHTPNLIKGETPPLIK	26	NP_149676 1	213R	0 9838
35	2007-09-04-22 2822 2822 3 out	1767 8	1 541	0 39	1 65	192	0	IIV6	1	CDRCVHCTTPRADYK	15	NP_149639 1	176R	0 9905
16	2007-09-04-22 2841 2841 2 out	1366 7	1 673	0 37	1 63	779	0	IIV6	1	INLVLFDHHCR	11	NP_149818 1	355R	0 9966
36	2007-09-04-22 3134 3134 2 out	1779 9	0 431	0 43	1 63	97	1 099	IIV6	1	NLLISEIENGCGYLNK	16	NP_149767 1	304R	0 9561
15	2007-09-04-22 1593 1593 3 out	1339 8	0 778	0 65	1 61	131	0	IIV6	1	IAELKQLNVLAK	12	NP_149695 1	232R	0 9886
24	2007-09-04-22 4430 4430 2 out	1490 9	1 024	0 5	1 6	223	0	IIV6	1	MTIAAIVLAFLSLK	14	NP_149823 1	360R	0 9965
3	2007-09-04-22 1360 1360 2 out	873 5	0 624	0 37	1 59	219	1 099	IIV6	1	KNITELR	7	NP_149806 1	343L	0 9964
10	2007-09-04-22 894 894 3 out	1221 6	0 329	0 4	1 58	166	0	IIV6	1	SSFSGVLM*FCK	12	NP_149699 1	236L	0 997
26	2007-09-04-22 1161 1161 3 out	1519 8	0 721	0 49	1 57	114	0	Nosema|Nosema|Nosema|N	7	AMEDATVRLDGSVR	14	ABM26981 1	RNA polymerase II largest subunit	0 9523
41	2007-09-04-22 3487 3487 3 out	2686 4	1 823	0 46	1 51	179	0	IIV6	1	IINHILSVVEGLSKSLSLYIEDNDK	24	NP_149901 1	438L	0 9987

Test 28

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
30	2007-09-14-20 3632 3632 2 out	1790 9	0 324	0 56	3 14	661	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9842
6	2007-09-14-20 3555 3555 2 out	1143 6	0 167	0 5	2 58	632	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9975
16	2007-09-14-20 3611 3611 2 out	1377 7	0 684	0 38	2 53	165	0 693	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9976
52	2007-09-14-20 3176 3176 3 out	2198 3	0 125	0 43	2 37	262	0	IIV6	1	KDQLIDFAQSLGLNPGKLLK	20	NP_149695 1	232R	0 9737
15	2007-09-14-20 2461 2461 2 out	1344 7	1 58	0 38	2 26	313	0 693	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9708
46	2007-09-14-20 3377 3377 3 out	2003	1 337	0 49	2 23	408	0	IIV6	1	LIMVTQNNNNKYYEMK	16	NP_149564 1	101L	0 9992
43	2007-09-14-20 3909 3909 3 out	1952 1	0 85	0 51	2 12	313	0	Nosema	1	NISNLKKSFDVAIDFIK	17	ABE27266 1	unknown	0 9931
21	2007-09-14-20 4431 4431 3 out	1686 8	0 951	0 5	2 11	241	0	IIV6|IIV6	2	NTECFNATKLCNSGGK	16	NP_149778 1	315L	0 9999
42	2007-09-14-20 4067 4067 3 out	1949 1	1 027	0 38	2 11	317	0	IIV6	1	GQSIYIYNGRLSKLQSER	17	NP_149492 1	029R	0 9851
19	2007-09-14-20 979 979 3 out	1659 9	0 991	0 34	2 07	616	0	IIV6	1	QCAIAPYLITPDAKR	15	NP_149635 1	172L	0 9807
12	2007-09-14-20 643 643 2 out	1202 7	1 299	0 34	2 02	295	0	IIV6	1	KFPTLEIINK	10	NP_149688 1	225R	0 9879
18	2007-09-14-20 4260 4260 2 out	1426 7	1 57	0 59	1 96	204	0	IIV6	1	SIDLIMYEVSEK	12	NP_149485 1	022L	0 9979
31	2007-09-14-20 319 319 3 out	1791	0 949	0 46	1 95	173	0 693	Nosema	1	LKIDTTSLKNM*LEIR	16	ABE26651 1	pol polyprotein	0 9954
39	2007-09-14-20 3317 3317 3 out	1887 1	1 782	0 34	1 92	188	0	IIV6	1	RIQLLLIGM*GVTSKITK	18	NP_149648 1	085L	0 9922
1	2007-09-14-20 2864 2864 1 out	700 5	1 061	0 19	1 9	419	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
3	2007-09-14-20 3619 3619 2 out	1122 5	0 844	0 42	1 87	225	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9962
17	2007-09-14-20 3086 3086 2 out	1389 7	0 441	0 53	1 87	298	0	VDV1|VDV1	2	NVLIECKANEEK	12	YP_145791 1	polyprotein	0 9838
2	2007-09-14-20 3668 3668 2 out	1102 7	0 316	0 48	1 86	441	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9985
5	2007-09-14-20 2993 2993 2 out	1135 5	1 859	0 34	1 85	216	0	IIV6	1	GEENLTTEDK	10	NP_149839 1	376L	0 9968
29	2007-09-14-20 3628 3628 3 out	1785 9	0 75	0 37	1 84	228	0	Nosema	1	ADGMKIEEFNKQTM*K	16	ABV48897 1	hypothetical spore wall protein	0 9834
11	2007-09-14-20 591 591 2 out	1199 7	1 976	0 5	1 77	231	0	IIV6	1	KVNIQNKDIK	10	NP_149674 1	211L	0 9918
4	2007-09-14-20 3902 3902 2 out	1130 6	1 924	0 4	1 76	170	0	Nosema	1	EVIGIEDDLK	10	ABO69725 1	unknown	0 9826
9	2007-09-14-20 533 533 2 out	1189 6	0 022	0 46	1 76	98	2 197	IIV6	1	KGDKNTQVGDK	11	NP_149914 1	451L	1
14	2007-09-14-20 3211 3211 2 out	1328 8	1 414	0 4	1 76	514	0	Nosema	1	DEIKILGNIVSK	12	ABE26653 1	pol polyprotein	1
10	2007-09-14-20 3309 3309 2 out	1194 6	0 807	0 41	1 75	248	0 693	IIV6	1	EAM*EEIKSNK	11	NP_149485 1	022L	0 9983
34	2007-09-14-20 3320 3320 3 out	1826	0 367	0 41	1 75	325	0	DWV	1	PEMDRILNLAEGLLNK	16	ABB36638 1	polyprotein	0 9817
7	2007-09-14-20 2671 2671 2 out	1166 6	0 712	0 37	1 73	140	0	IIV6	1	LNISM*KESTK	11	NP_149681 1	218R	0 9729
44	2007-09-14-20 3334 3334 3 out	1955 2	0 567	0 36	1 72	149	0	IIV6	1	MILVLAFLHLQKFLLR	16	NP_149845 1	382R	0 9656
49	2007-09-14-20 3950 3950 3 out	2091 1	1 377	0 36	1 69	176	0	IIV6	1	TMISNEDFVKFNYNKIK	17	NP_149904 1	441R	0 9909
13	2007-09-14-20 3236 3236 2 out	1303 7	0 578	0 42	1 68	253	0 693	KBV|KBV|KBV|KBV	4	SKSTKPTSENPK	12	YP_308661 1	VP4	0 9879
25	2007-09-14-20 3046 3046 3 out	1719 9	0 898	0 41	1 67	210	0 693	ABPV	1	NVTMQINSKKNNSNK	15	NP_066242 1	capsid protein	0 9795
47	2007-09-14-20 3059 3059 3 out	2034 1	1 768	0 41	1 63	316	0	Nosema	1	LYPGTEAGLVKQGETVCIR	19	AAT12296 1	chromosome segregation protein	0 9947
32	2007-09-14-20 3658 3658 3 out	1794	1 975	0 4	1 58	142	0	BQCV	1	VESSEVIIHPNSLIEK	16	NP_620564 1	nonstructural polyprotein	0 9987
22	2007-09-14-20 4084 4084 3 out	1688 8	0 653	0 38	1 57	460	0	IIV6	1	FLEEASSSFNIDVCK	15	NP_149564 1	101L	0 9939
37	2007-09-14-20 3158 3158 3 out	1839 9	1 061	0 56	1 57	113	0 693	IIV6	1	NRKFNTYGFVFTSCR	15	NP_149907 1	444R	0 9939
33	2007-09-14-20 3088 3088 3 out	1814	0 138	0 44	1 54	161	1 099	Nosema	1	TFCALAKVQIDFSRSK	16	ABE26655 1	pol polyprotein	0 9902
8	2007-09-14-20 4292 4292 2 out	1184 6	0 269	0 53	1 53	419	0	IIV6	1	PSDIPDTVRGK	11	NP_149901 1	438L	0 9934
38	2007-09-14-20 1072 1072 3 out	1842 9	1 214	0 46	1 52	172	1 099	DWV|DWV|DWV|Kakugo|VDV1|VDV1	6	WTSNDVVDDYATITSR	16	NP_853560 2	polyprotein	1
45	2007-09-14-20 929 929 3 out	1958 9	0 277	0 56	1 5	238	0 693	IIV6	1	TDDNAIANAERVDAQDLK	18	NP_149548 1	085L	0 9999

Test 29

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
30	2008-08-01_01 1860 1861 2 out	1614 9	0 446	0 28	2 59	662	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9965
28	2008-08-01_01 1842 1842 2 out	1384 8	0 34	0 31	2 4	440	0	IIV6	1	FVGADVVLLEPII	13	NP_149910 1	447L	0 9886
37	2008-08-01_01 2475 2475 3 out	1776 9	0 773	0 42	2 15	98	1 386	IIV6	1	EDNFNTVGGSKIVVIGK	17	NP_149538 1	075L	0 994
24	2008-08-01_01 1928 1928 2 out	1356 8	0 738	0 29	2 08	352	0 693	IIV6	1	M*VHILQVFLLK	12	NP_149648 1	185L	1
29	2008-08-01_01 1467 1467 2 out	1475 7	0 934	0 21	2 04	297	0	IIV6	1	KNMDCHIYPLNK	12	NP_149928 1	465R	0 9781
10	2008-08-01_01 1166 1166 2 out	1157 6	0 887	0 27	2 03	127	1 099	IIV6	1	LNDSPISQKR	10	NP_149891 1	428L	0 9828
17	2008-08-01_01 1963 1963 2 out	1268 6	0 307	0 41	1 96	483	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9874
23	2008-08-01_01 1117 1117 2 out	1344 7	0 413	0 36	1 91	392	0 693	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9976
1	2008-08-01_01 1327 1327 1 out	700 5	1 122	0 22	1 9	414	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
26	2008-08-01_01 1692 1692 2 out	1371 8	0 253	0 41	1 9	152	1 386	Nosema	1	NNILSLLKESLK	12	ABO69714 1	unknown	0 9949
19	2008-08-01_01 1468 1468 2 out	1309 8	0 767	0 34	1 89	306	0	IIV6	1	IKHIKALDCLR	11	NP_149590 1	127L	0 9956
34	2008-08-01_01 1741 1741 3 out	1699	1 822	0 38	1 87	130	1 099	Nosema	1	DGGKIVAIGSIVEVLTK	17	AAS16360 1	translation elongation factor 1 alpha	0 9993
12	2008-08-01_01 1540 1540 2 out	1164 6	0 681	0 39	1 85	110	1 386	IIV6	1	GGIISLCM*GLGK	13	NP_149635 1	172L	0 9945
25	2008-08-01_01 1638 1638 2 out	1366 7	1 669	0 34	1 84	558	0	IIV6	1	INLVLFDHHCR	11	NP_149818 1	355R	1
42	2008-08-01_01 1633 1633 3 out	1826	0 321	0 35	1 84	302	0	DWV	1	PEMDRILNLAEGLLNK	16	ABB36638 1	polyprotein	0 9529
2	2008-08-01_01 1910 1910 2 out	1102 7	0 597	0 34	1 81	354	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	1
27	2008-08-01_01 1729 1729 2 out	1379 8	0 084	0 27	1 79	467	0	IIV6	1	YICEISIKLGIK	12	NP_149689 1	226R	0 9932
46	2008-08-01_01 2071 2071 3 out	1915	0 948	0 45	1 79	264	0	Nosema	1	DELAGTGIEEIIGDKAKR	18	ABY49795 1	hypothetical spore wall protein 13	0 9845
36	2008-08-01_01 2440 2440 3 out	1760 9	0 715	0 45	1 77	109	1 609	Nosema	1	VYLDDIMIYSKSWK	14	ABE26648 1	pol polyprotein	0 9895
22	2008-08-01_01 1568 1568 2 out	1328 8	1 65	0 35	1 72	328	0	Nosema	1	DEIKILGNIVSK	12	ABE26653 1	pol polyprotein	0 9967
35	2008-08-01_01 1365 1365 3 out	1701 8	0 993	0 47	1 71	283	0	IIV6	1	EKDNLKENANQNER	14	NP_149642 1	179R	0 9719
52	2008-08-01_01 4255 4255 3 out	2138 1	0 037	0 44	1 7	205	0 693	IIV6	1	NSLNNEEREILINAVPNAK	19	NP_149672 1	209R	0 9582
41	2008-08-01_01 2419 2419 3 out	1793	1 413	0 4	1 68	244	0	IIV6	1	ELTSKEEIELYPTIK	15	NP_149701 1	238R	1
7	2008-08-01_01 2182 2182 2 out	1154 5	0 499	0 32	1 67	331	0	Nosema	1	MEDSKSSENK	10	AAQ91615 1	group II large subunit catalase	0 9505
45	2008-08-01_01 2196 2196 3 out	1831 9	0 304	0 46	1 67	161	0	IIV6	1	RDEEETLNPTITSKAK	16	NP_149512 1	049L	0 9947
49	2008-08-01_01 3002 3002 3 out	1979	0 372	0 48	1 66	204	1 386	Nosema	1	QNNLINKIM*TLFNEDR	17	ABE27266 1	unknown	0 9948
40	2008-08-01_01 558 558 3 out	1782 8	0 529	0 44	1 65	160	0	IIV6	1	NQLQM*LSESLDM*WR	16	NP_149605 1	142R	0 9903
6	2008-08-01_01 798 798 2 out	1143 7	0 846	0 32	1 61	176	0	Nosema	1	LISLTRLLSK	10	ABE26651 1	pol polyprotein	0 9935
39	2008-08-01_01 422 424 3 out	1781 1	0 02	0 4	1 58	236	0	Nosema	1	PCKVILRAANGTGLIVR	17	ABE26655 1	pol polyprotein	0 973
48	2008-08-01_01 2116 2116 3 out	1971	1 708	0 46	1 58	191	0 693	IIV6	1	SDPIARFFKYQSGDVIK	17	NP_149917 1	454R	0 9667
4	2008-08-01_01 194 194 2 out	1116 6	1 661	0 36	1 57	201	0	Nosema	1	SGAKGNLTQIK	11	AAS16360 1	translation elongation factor 1 alpha	0 983
50	2008-08-01_01 2460 2460 3 out	1980 1	0 85	0 4	1 53	203	0	MSCUT	1	RFLNNYLFLAVGIVGGAR	18	ABQ96192 1	vasa	0 9912
9	2008-08-01_01 315 315 2 out	1157 5	1 621	0 32	1 52	234	0	IIV6	1	FMEDVM*NQK	10	NP_149508 1	045L	0 9977
13	2008-08-01_01 1183 1183 2 out	1182 6	0 556	0 38	1 52	121	1 099	IIV6	1	VLVHCQAGISR	11	NP_149586 1	123R	0 9919
18	2008-08-01_01 3917 3917 2 out	1277 7	0 464	0 57	1 52	103	0	IIV6	1	NNPPRRSPSPR	11	NP_149695 1	232R	1
20	2008-08-01_01 2134 2134 2 out	1311 8	1 904	0 37	1 52	169	0	ABPV	1	NVIVDGKIVNIK	12	NP_066241 1	replicase polyprotein	0 9857
33	2008-08-01_01 4144 4144 3 out	1696	0 614	0 41	1 52	137	0	IIV6	1	LDAIEILPTKPGEATK	16	NP_149485 1	022L	0 9953
14	2008-08-01_01 849 849 2 out	1189 6	0 212	0 34	1 51	253	0	IIV6	1	LYGIQHCDIK	10	NP_149843 1	380R	0 9964
43	2008-08-01_01 1620 1620 3 out	1827 9	1 039	0 41	1 5	283	0	IIV6	1	ENKNLFIPDTDPPLSK	16	NP_149750 1	287R	0 9848
53	2008-08-01_01 1788 1788 3 out	2692 4	0 09	0 48	1 5	88	0 693	Nosema	1	TCLEAAETLERSGVSCEVINLVSIR	25	AAL28055 1	AF406785_4 pyruvate dehydrogenase E1 beta subun	0 9997

Test 30

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
37	2008-08-01-02 1846 1846 2 out	1790 9	1 365	0 63	3 83	718	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9991
26	2008-08-01-02 1828 1828 3 out	1668	0 999	0 42	2 98	1010	0	Nosema	1	IKVIQEVQIDILEK	14	ABE27269 1	unknown	0 9651
23	2008-08-01-02 2338 2338 2 out	1614 9	0 218	0 41	2 51	670	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9977
33	2008-08-01-02 1917 1917 3 out	1746 8	1 652	0 34	2 42	475	0	IIV6	1	EEDEVYDFANNFVR	14	NP_149731 1	268L	0 9969
14	2008-08-01-02 1341 1341 2 out	1315 7	0 439	0 35	2 24	295	0	IIV6	1	NEFNILIENLP	11	NP_149589 1	126R	0 9987
31	2008-08-01-02 3453 3453 3 out	1722 8	0 805	0 4	2 22	330	0	Nosema	1	NIVSCSADGAPNMMGKK	17	ABE27267 1	unknown	1
53	2008-08-01-02 2636 2636 3 out	2320 2	1 74	0 4	2 1	191	0	IIV6	1	EHKLDSYSLNFVAKHFLGSK	20	NP_149500 1	037L	0 9983
21	2008-08-01-02 2237 2237 2 out	1415 8	0 647	0 37	2 07	235	1 099	IIV6	1	ITTVGARDLWQR	12	NP_149548 1	085L	0 9977
12	2008-08-01-02 2024 2024 2 out	1268 6	0 553	0 54	2 03	337	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 952
20	2008-08-01-02 1866 1866 2 out	1411 7	0 352	0 3	1 95	581	0	IIV6	1	FKERASHFDFK	11	NP_149818 1	355R	0 9688
1	2008-08-01-02 1209 1209 1 out	700 5	1 126	0 21	1 94	419	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
15	2008-08-01-02 986 986 2 out	1344 7	0 356	0 35	1 93	384	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9993
44	2008-08-01-02 1347 1347 3 out	1849	0 945	0 51	1 93	155	0	IIV6	1	LDSKRTGLIMDFNNPK	16	NP_149642 1	179R	0 9518
6	2008-08-01-02 1116 1116 2 out	1158 6	0 936	0 36	1 91	106	1 099	IIV6	1	KRNAEAWQR	9	NP_149676 1	213R	0 9531
54	2008-08-01-02 4106 4106 3 out	2513 2	0 638	0 41	1 91	252	0	IIV6	1	ITNSFSLIMFSGNNCTYCQELK	22	NP_149659 1	196R	1
5	2008-08-01-02 702 702 2 out	1133 7	0 183	0 37	1 84	270	0	Nosema	1	LAARYRLDR	9	AAT12295 1	phospholipase D	0 9767
13	2008-08-01-02 2048 2048 2 out	1285 7	1 014	0 48	1 79	980	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 999
28	2008-08-01-02 1283 1284 3 out	1686 9	0 756	0 45	1 72	168	0 693	SV|SV|SV|SV|SV	5	LGFPHGKGKSDAVAM*R	17	NP_049374 1	polyprotein	0 9935
41	2008-08-01-02 1553 1553 3 out	1827 9	0 774	0 35	1 72	267	0	IIV6	1	ENKNLFIPDTDPPLSK	16	NP_149750 1	287R	0 9699
52	2008-08-01-02 2586 2588 3 out	2275 3	1 646	0 51	1 72	214	0	Nosema|Nosema|Nosema|Nose	8	RSTRDVVLIVLNDFSHYLK	19	ABV48889 1	spore wall protein	0 9984
10	2008-08-01-02 1509 1509 2 out	1228 7	1 748	0 47	1 7	165	0	IIV6	1	RIKQGEWLAK	10	NP_149624 1	161L	0 9978
38	2008-08-01-02 666 666 3 out	1795 9	1 861	0 38	1 7	117	0	Nosema	1	MIIKMLMSTDSIEKR	15	ABE27271 1	unknown	0 9884
17	2008-08-01-02 2002 2002 2 out	1393 7	0 482	0 5	1 67	155	0	Nosema	1	AKAYPTSEERNK	12	ABV48897 1	hypothetical spore wall protein	0 9529
34	2008-08-01-02 1845 1845 2 out	1763 1	0 283	0 5	1 67	547	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9962
3	2008-08-01-02 2766 2766 2 out	1122 5	0 069	0 45	1 64	299	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9548
46	2008-08-01-02 2291 2291 3 out	1970 9	1 442	0 39	1 63	116	1 099	Nosema	1	AEVRSM*TETSMNQETIK	18	ABE26654 1	pol polyprotein	0 9796
39	2008-08-01-02 760 760 3 out	1796 9	0 292	0 38	1 62	156	0	IIV6	1	EIKSIDLIMYEVSEK	15	NP_149485 1	022L	0 9982
30	2008-08-01-02 4182 4182 3 out	1714 8	1 486	0 4	1 61	156	0 693	DWV|DWV|DWV|DWV|Kakugo	5	TDLM*EM*GSNPYIRR	16	NP_853560 2	polyprotein	1
51	2008-08-01-02 2504 2504 3 out	2143 1	0 261	0 4	1 59	270	0 693	IIV6	1	IKIEDDGTTM*IHNDGQVIK	20	NP_149508 1	045L	0 9838
7	2008-08-01-02 2283 2283 2 out	1164 6	0 565	0 44	1 58	410	0	IIV6	1	LLTQNITM*SK	11	NP_149513 1	050L	0 9767
19	2008-08-01-02 1122 1122 2 out	1405 8	0 187	0 41	1 58	286	0	IIV6	1	KDIKNSFMPVVK	12	NP_149647 1	184R	0 9977
11	2008-08-01-02 1364 1364 2 out	1264 7	0 486	0 53	1 53	393	0	IIV6	1	INGLIDISEYK	11	NP_149758 1	295L	0 9641
45	2008-08-01-02 4174 4174 3 out	1882 1	1 911	0 43	1 52	216	0 693	IIV6	1	IVTITHGNKHMVKYK	16	NP_149836 1	373L	0 9979
25	2008-08-01-02 2343 2343 3 out	1662 9	1 268	0 4	1 5	126	0	Nosema	1	IEKLLCYPMPTNLK	14	ABE26654 1	pol polyprotein	0 9932

Test 31

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
23	2008-08-01-04 1707 1707 2 out	1320 7	1 737	0 34	2 63	236	1 609	IIV6	1	VQFNDTNLKNK	11	NP_149852 1	389L	0 9743
19	2008-08-01-04 918 918 2 out	1274 7	0 446	0 32	2 25	466	0	BQCV	1	ELDGQIFDPLK	11	NP_620564 1	nonstructural polyprotein	0 9794
37	2008-08-01-04 2976 2976 2 out	1614 9	1 632	0 35	2 25	482	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9533
44	2008-08-01-04 2903 2903 2 out	1724	1 708	0 31	2 23	153	0	IIV6	1	M*LPINIHHALRHQK	15	NP_149928 1	465R	0 9743
32	2008-08-01-04 2464 2464 2 out	1492 8	0 615	0 28	2 18	394	0	Nosema	1	AMKAMGLGTTTIGLK	15	AAF91269 1	20S proteasome alpha 5 subunit	0 9833
1	2008-08-01-04 1204 1204 1 out	700 5	1 145	0 21	2 16	412	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
25	2008-08-01-04 992 992 2 out	1344 7	1 63	0 25	2 13	354	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9886
40	2008-08-01-04 275 275 3 out	1674 9	1 315	0 64	2 09	233	0	IIV6	1	ALLEVFNKLNDDKR	14	NP_149851 1	388R	0 9794
31	2008-08-01-04 1433 1433 2 out	1485 9	1 85	0 34	2 08	543	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 992
34	2008-08-01-04 2091 2091 2 out	1524 9	1 473	0 32	2 04	599	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859 1	396L	1
21	2008-08-01-04 2120 2120 2 out	1285 7	0 212	0 38	1 94	828	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9538
56	2008-08-01-04 2340 2340 2 out	1831 8	0 635	0 32	1 9	260	0	Nosema	1	RM*VHSDQFDPEVAER	16	AAC47660 1	mitochondrial-type HSP70	0 9693
27	2008-08-01-04 1738 1738 2 out	1377 7	0 879	0 34	1 86	171	1 792	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9722
2	2008-08-01-04 786 788 1 out	730 4	1 656	0 42	1 85	219	0	IIV6	1	NLNVDR	6	NP_149681 1	218R	1
51	2008-08-01-04 1726 1726 2 out	1769 8	1 563	0 38	1 85	438	0	IIV6	1	FEASEMYSWYKSNK	14	NP_149902 1	439L	0 9655
48	2008-08-01-04 2169 2169 2 out	1746 8	1 438	0 32	1 82	247	0	IIV6	1	NCQEKETIYSDNFR	14	NP_149500 1	037L	0 9946
54	2008-08-01-04 1466 1466 3 out	1776 9	0 362	0 42	1 82	193	0 693	Nosema	1	MVCEDCNNRQPVIKK	15	AAD12605 1	RNA polymerase II largest subunit	0 9838
62	2008-08-01-04 2217 2217 3 out	1985 1	0 789	0 36	1 81	197	0	Nosema	1	FIVYIKSILDNIKTCSK	17	ABE27277 1	unknown	0 9881
12	2008-08-01-04 1667 1667 2 out	1161 6	1 65	0 31	1 8	168	1 609	SV|SV	2	AQAMGIRAESK	11	NP_049374 1	polyprotein	0 9914
68	2008-08-01-04 4458 4458 3 out	2357 2	0 586	0 42	1 8	136	1 386	Nosema	1	KEESFM*HKNEVHSEELLVR	20	AAL28052 1	AF406785_1 unknown	0 983
42	2008-08-01-04 3918 3918 3 out	1722 8	1 858	0 36	1 79	298	0	Nosema	1	NIVSCSADGAPNMMGKK	17	ABE27267 1	unknown	0 9602
8	2008-08-01-04 1031 1031 2 out	1124 6	1 569	0 31	1 78	151	0	IIV6	1	SQIEKDYNK	9	NP_149758 1	295L	0 9505
30	2008-08-01-04 2073 2073 2 out	1429 6	0 974	0 51	1 77	273	0	IIV6	1	RTETTIDEM*CSK	13	NP_149633 1	170L	0 9931
53	2008-08-01-04 4138 4138 3 out	1775	1 081	0 52	1 77	299	0	SV|SV|SV|SV	4	VKLTACGIYGTVALLPR	17	NP_049374 1	polyprotein	0 9881
38	2008-08-01-04 1689 1689 2 out	1630 8	0 062	0 29	1 75	287	0 693	IIV6	1	QENMLIESHNIM*LR	14	NP_149463 1	468L	0 9628
63	2008-08-01-04 2295 2295 3 out	2027	1 052	0 44	1 75	335	0 693	IIV6	1	NMLTMSSYKKMISHDLK	17	NP_149902 1	439L	0 969
18	2008-08-01-04 2609 2609 2 out	1268 6	0 948	0 34	1 74	163	1 099	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9657
39	2008-08-01-04 3974 3974 3 out	1666 9	1 999	0 4	1 7	512	0	KBV|KBV	2	NVRVDGEVINMKHR	14	NP_851403 1	non-structural polyprotein	0 9857
3	2008-08-01-04 548 548 1 out	859 5	0 965	0 43	1 68	279	0	IIV6	1	SIKNLER	7	NP_149686 1	223L	1
17	2008-08-01-04 850 850 2 out	1244 5	1 069	0 3	1 67	215	0	IIV6	1	MNIMDYENSK	10	NP_149540 1	077L	0 982
6	2008-08-01-04 653 653 2 out	1118 6	0 775	0 28	1 66	212	0	IIV6	1	LISLDDEGTR	10	NP_149800 1	337L	0 973
26	2008-08-01-04 3340 3340 2 out	1368 7	1 013	0 35	1 65	180	0	IIV6	1	DILVEQVQTAPR	12	NP_149737 1	274L	0 9925
16	2008-08-01-04 1272 1272 2 out	1218 6	0 445	0 33	1 61	177	0 693	IIV6	1	DEGPSNVM*IIK	12	NP_149674 1	211L	0 9925
24	2008-08-01-04 2607 2607 2 out	1332 8	0 546	0 31	1 6	207	0	Nosema	1	VESSIQSTKIIK	12	ABE27277 1	unknown	0 983
41	2008-08-01-04 518 518 3 out	1696	0 527	0 43	1 59	323	0	IIV6	1	TVIERIASVLRTIPK	15	NP_149758 1	295L	0 9794
47	2008-08-01-04 1296 1296 3 out	1746	1 355	0 37	1 59	120	0	IIV6	1	M*QYKPEILPLLTQR	15	NP_149731 1	268L	0 9661
5	2008-08-01-04 1407 1407 2 out	1115 6	1 188	0 38	1 57	202	1 099	IIV6	1	VQTALQKEAK	10	NP_149585 1	122R	0 9854
65	2008-08-01-04 3091 3091 3 out	2270 1	1 386	0 46	1 56	49	2 944	IIV6	1	SKWLLMNPDDFKM*AIM*GLK	21	NP_149674 1	211L	0 9543
10	2008-08-01-04 725 725 2 out	1133 7	0 259	0 41	1 54	153	0	Nosema	1	LAARYRLDR	9	AAT12295 1	phospholipase D	1
55	2008-08-01-04 4206 4206 3 out	1784 9	1 98	0 36	1 54	118	0	IIV6	1	KYSELSLKESENETK	15	NP_149852 1	389L	0 9893
45	2008-08-01-04 1294 1294 3 out	1724 9	1 294	0 4	1 53	233	0	Nosema	1	FNLTDCVLHADAIHR	15	AAT72743 1	translation elongation factor 2	0 9804
50	2008-08-01-04 1913 1913 2 out	1763 1	1 057	0 41	1 52	350	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9971
66	2008-08-01-04 3648 3648 3 out	2315 1	0 915	0 41	1 52	151	0	Nosema	1	FIEECDAIHADVKGVDELRR	20	AAC47660 1	mitochondnal-type HSP70	0 9872
49	2008-08-01-04 1762 1762 3 out	1761	0 305	0 43	1 51	252	0	IIV6	1	SLLNM*PLLLKKSM*LK	17	NP_149751 1	288R	1
52	2008-08-01-04 2832 2832 3 out	1774	1 5	0 39	1 51	264	1 099	Kakugo	1	VVRPMCPRSPMLLFK	15	YP_015696 1	polyprotein	0 9636
69	2008-08-01-04 2883 2883 3 out	2743 3	0 574	0 48	1 51	116	0	IIV6	1	SGHLVEALSSCPFSGHYDGFTKIYK	25	NP_149735 1	272L	0 9583

Test 32

Sr No	File Name	(M+H)	dM	dCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
18	2008-08-01-05 2663 2663 2 out	1457 9	0 577	0 72	3 8	1482	0	Nosema|Nosema|Nosema|N	5	IIAQVVSSITASLR	14	AAZ23550 1	alpha-tubulin	0 9807
7	2008-08-01-05 1941 1941 2 out	1143 6	0 677	0 62	3 46	968	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9655
38	2008-08-01-05 2003 2003 2 out	1790 9	0 483	0 5	2 82	868	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9923
21	2008-08-01-05 3709 3709 2 out	1614 9	0 498	0 27	2 53	613	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9793
2	2008-08-01-05 767 767 1 out	715 4	1 048	0 07	2 43	354	0	IIV6	1	NIIIDK	6	NP_149495 1	032R	1
8	2008-08-01-05 509 509 2 out	1171 6	0 366	0 57	2 4	426	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9822
5	2008-08-01-05 1498 1498 2 out	1130 6	0 582	0 45	2 37	426	0	Nosema|Nosema|Nosema|N	14	FPGQLNADLR	10	AAZ23552 1	beta-tubulin	0 9884
13	2008-08-01-05 2196 2196 2 out	1268 6	1 711	0 4	2 27	390	0 693	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9831
47	2008-08-01-05 2397 2397 2 out	1959	1 194	0 56	2 23	336	0	IIV6	1	YTSLPLSSLFEDASLSTK	18	NP_149595 1	132L	0 9907
15	2008-08-01-05 1859 1859 2 out	1377 7	1 855	0 4	2 17	202	0	IIV6	1	NENNSVGRTQMIK	12	NP_149530 1	067R	0 9907
17	2008-08-01-05 2358 2358 2 out	1452 8	0 856	0 33	2 17	517	0	IIV6	1	VDSEMAFERIKK	12	NP_149606 1	143R	1
39	2008-08-01-05 3051 3051 3 out	1826	1 029	0 51	2 17	630	0	DWV	1	PEMDRILNLAEGLLNK	16	ABB36638 1	polyprotein	0 9805
40	2008-08-01-05 3856 3856 3 out	1834	0 343	0 44	2 13	121	1 386	IIV6	1	LNIEIQKFCLDLEKK	15	NP_149506 1	043L	0 9734
10	2008-08-01-05 2261 2261 2 out	1199 7	0 653	0 4	2 12	398	0 693	IIV6	1	AQDINAKKALK	11	NP_149701 1	238R	1
41	2008-08-01-05 46 46 3 out	1847 1	1 3	0 5	2 08	288	0	IIV6	1	KILNEKYLQTINIEK	15	NP_149642 1	179R	0 9975
12	2008-08-01-05 1931 1931 2 out	1229 6	1 677	0 39	2 07	242	0 693	Nosema|Nosema	2	ISDQFSVMFR	10	AAN35161 1	beta-tubulin	0 9738
66	2008-08-01-05 2848 2848 3 out	2320 2	2	0 42	2 07	145	0	IIV6	1	EHKLDSYSLNFVAKHFLGSK	20	NP_149500 1	037L	0 9846
44	2008-08-01-05 630 630 3 out	1932 1	0 56	0 44	2 06	279	0	IIV6	1	LTINEINFIVDFIQPR	16	NP_149806 1	343L	0 9802
20	2008-08-01-05 2981 2981 2 out	1570 8	1 973	0 42	2 04	345	0	IIV6	1	YENDTVPIPVAKPK	14	NP_149612 1	149L	0 959
27	2008-08-01-05 2963 2963 3 out	1695 8	0 404	0 41	2 04	252	0 693	Nosema	1	SECLGGAVLSM*AACVLR	18	AAL28056 1	AF406785_5 unknown	0 9506
3	2008-08-01-05 2050 2050 2 out	1102 7	1 281	0 45	1 99	535	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9789
1	2008-08-01-05 1235 1235 1 out	700 5	1 163	0 21	1 98	410	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
36	2008-08-01-05 2363 2363 3 out	1763 9	1 489	0 38	1 95	368	0	Nosema	1	TKLITEKCLECQLNK	15	ABE26650 1	pol polyprotein	0 9691
30	2008-08-01-05 863 863 3 out	1719 9	0 896	0 33	1 88	243	0	IIV6	1	YFKGLGTTKHEDVPK	15	NP_149508 1	045L	0 9723
55	2008-08-01-05 1343 1343 3 out	2063	1 087	0 37	1 87	141	1 099	BQCV	1	MVAQSGPVMSQSLSDRVDR	19	NP_620564 1	nonstructural polyprotein	0 9805
37	2008-08-01-05 825 825 3 out	1775 8	1 55	0 47	1 86	171	0	IIV6	1	SCFNRLNTCPM*CRSK	16	NP_149620 1	157L	0 9691
65	2008-08-01-05 2580 2580 3 out	2320 1	1 042	0 39	1 8	129	0 693	IIV6	1	CAKGCCILNFTNEIHHFKNK	20	NP_149877 1	414L	0 9595
31	2008-08-01-05 3060 3060 3 out	1722 9	0 974	0 44	1 76	319	0	IIV6	1	KCIFTPLRGDLNDCK	15	NP_149747 1	284R	0 9584
34	2008-08-01-05 4457 4457 3 out	1761 9	0 989	0 54	1 76	191	0	DWV	1	VEVGQEAGECIFKKPK	16	AAP49283 1	polyprotein	0 974
46	2008-08-01-05 2674 2674 3 out	1954 1	0 358	0 45	1 76	59	1 386	IIV6	1	ILPETTLSIIQEIVGSIK	18	NP_149692 1	229L	0 9738
57	2008-08-01-05 743 743 3 out	2142 2	1 834	0 39	1 74	175	0	KBV|KBV	2	PSLVHGM*ISDIKTKPAYLR	20	NP_851403 1	non-structural polyprotein	0 9733
51	2008-08-01-05 3208 3208 3 out	1993 1	0 201	0 34	1 73	284	0	IIV6	1	SIKTEHELYSLLMSLTK	17	NP_149765 1	302L	0 9753
19	2008-08-01-05 2073 2073 2 out	1516 8	0 457	0 44	1 72	171	0	IIV6	1	IHCLPFLLNYQR	12	NP_149487 1	024L	0 9752
64	2008-08-01-05 3138 3138 3 out	2302 2	1 673	0 35	1 72	325	0	Nosema	1	CAKEM*GIVPVICLDTRGPEVR	22	ABQ69719 1	unknown	0 9702
14	2008-08-01-05 3783 3783 2 out	1299 8	1 765	0 43	1 68	368	0	IIV6	1	VKMRAQNVLQL	11	NP_149874 1	410L	0 9898
25	2008-08-01-05 2254 2254 3 out	1681	0 783	0 39	1 65	198	0	IIV6	1	IDNISLFFKPLFVK	14	NP_149806 1	343L	0 9926
53	2008-08-01-05 1222 1222 3 out	2034 9	1 8	0 37	1 65	151	0	IIV6	1	RSILGEM*SEM*RQYM*QK	19	NP_149674 1	211L	0 9954
48	2008-08-01-05 4290 4290 3 out	1970	0 119	0 4	1 64	189	0	IIV6	1	IVDYKPNGKFIGSGLSM*K	19	NP_149803 1	340R	0 9995
6	2008-08-01-05 4116 4116 2 out	1132 6	1 776	0 5	1 63	252	0	Nosema|Nosema|Nosema|N	5	PSIVMEGMLR	10	ABM26981 1	RNA polymerase II largest subunit	0 9725
29	2008-08-01-05 1145 1145 3 out	1716	1 871	0 38	1 63	269	0	IIV6	1	ESIKDSIKVSILEVR	15	NP_149548 1	085L	0 9625
43	2008-08-01-05 1264 1264 3 out	1900	1 707	0 49	1 63	189	0 693	Nosema|Nosema|Nosema	3	KLDMGAKEYSLM*GLLSK	18	ABM26981 1	RNA polymerase II largest subunit	0 9844
9	2008-08-01-05 1295 1295 2 out	1190 6	1 778	0 47	1 62	120	0	Nosema	1	NELQAFIDIK	10	ABE27268 1	unknown	1
28	2008-08-01-05 1551 1551 3 out	1710 8	0 577	0 37	1 54	198	0	IIV6	1	NIDDVTNM*QFLEKK	15	NP_149832 1	369L	0 9874
52	2008-08-01-05 976 976 3 out	1998	1 33	0 43	1 52	313	0	IIV6	1	KLYGENCFINIQAEDIK	17	NP_149535 1	072R	0 9808
24	2008-08-01-05 191 191 3 out	1674 9	1 363	0 36	1 5	242	0	IIV6	1	ALLEVFNKLNDDKR	14	NP_149851 1	388R	0 9723
26	2008-08-01-05 3608 3608 3 out	1693 9	0 562	0 47	1 5	212	0	IIV6	1	IIM*M*ICQVKKVDIK	16	NP_149575 1	112R	0 9686

Test 33

Sr No	File Name	(M+H)	dM	dCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
21	2008-08-01-07 1768 1769 2 out	1614 9	1 519	0 34	2 94	687	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9579
12	2008-08-01-07 1970 1970 2 out	1285 7	0 362	0 48	2 54	1136	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9707
7	2008-08-01-07 1495 1495 2 out	1172 7	1 654	0 36	2 24	520	0	Nosema	1	SIVLGCKILVK	11	ABE26650 1	pol polyprotein	0 9748
15	2008-08-01-07 1099 1099 2 out	1344 7	0 523	0 27	2 17	487	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9986
27	2008-08-01-07 1860 1860 3 out	1746 8	1 915	0 4	2 1	118	1 099	IIV6	1	EEDEVYDFANNFVR	14	NP_149731 1	268L	0 9743
22	2008-08-01-07 1606 1606 2 out	1630 8	0 597	0 35	2 08	309	0 693	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9851
13	2008-08-01-07 1351 1351 2 out	1315 7	0 317	0 31	2 07	313	0	IIV6	1	NEFNILIENLP	11	NP_149589 1	126R	0 9944
4	2008-08-01-07 925 925 2 out	1144 6	0 181	0 36	2 04	488	0	Nosema	1	VLHGMTLSMR	10	ABE27270 1	unknown	0 9844
8	2008-08-01-07 1160 1160 2 out	1203 6	0 461	0 33	2 03	232	0	ABPV	1	NNSNKMATPVK	11	NP_066242 1	capsid protein	0 9823
17	2008-08-01-07 2207 2207 2 out	1419 7	1 894	0 41	1 95	363	0	Nosema	1	LESICATAAEGAKR	14	AAT72742 1	60S ribosomal protein L10a	0 9987
28	2008-08-01-07 5174 5174 3 out	1751	0 468	0 41	1 95	134	0 693	IIV6	1	MKIFTFYFLKIDGK	14	NP_149715 1	252L	0 9835
6	2008-08-01-07 1132 1132 2 out	1158 6	0 619	0 3	1 91	135	1 099	IIV6	1	KRNAEAWQR	9	NP_149676 1	213R	0 9964
25	2008-08-01-07 953 953 3 out	1718 9	1 494	0 45	1 91	191	0 693	IIV6	1	QIMSGLQLCDINAKGK	16	NP_149579 1	116L	0 9925
30	2008-08-01-07 1646 1646 2 out	1757	1 27	0 41	1 88	92	0	SV	1	AFVRNQTHKTATAGVR	16	AAT45735 1	structural polyprotein	0 9685
26	2008-08-01-07 1890 1890 3 out	1738 9	0 074	0 46	1 86	131	0	BQCV	1	YWTGSLVYTFKFVK	14	NP_620565 1	structural polyprotein	0 9961
35	2008-08-01-07 1578 1578 3 out	1825 9	0 288	0 53	1 79	122	0 693	BQCV	1	FQDEVREIALGLSGYE	16	NP_620564 1	nonstructural polyprotein	0 9624
20	2008-08-01-07 1826 1826 2 out	1532 7	0 767	0 43	1 78	427	0	ABPV	1	NKDEFTKM*CWSK	13	NP_066241 1	replicase polyprotein	0 9876
36	2008-08-01-07 2230 2230 3 out	1831 9	1 964	0 41	1 74	142	0	IIV6	1	RDEEETLNPTITSKAK	16	NP_149512 1	049L	0 9722
19	2008-08-01-07 1394 1394 2 out	1485 9	0 343	0 43	1 72	406	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9922
29	2008-08-01-07 1364 1364 3 out	1754	0 507	0 37	1 69	171	0	IIV6	1	NEIKKIFSLLHHFK	14	NP_149837 1	374R	0 9562
39	2008-08-01-07 734 734 3 out	1891	1 588	0 38	1 69	348	0	IIV6	1	RKNINFTELSNNDPTK	16	NP_149611 1	148R	0 9872
14	2008-08-01-07 1049 1049 2 out	1323 5	0 586	0 38	1 68	74	1 099	Nosema	1	EDDESEKNDDK	11	ABV48893 1	hypothetical apore wall protein	0 9931
37	2008-08-01-07 2168 2168 3 out	1835 9	1 188	0 39	1 67	249	0	Nosema	1	ERIFSQEVKGHYSQK	15	ABE27274 1	unknown	0 9591
16	2008-08-01-07 1614 1614 2 out	1399 6	1 745	0 51	1 62	295	0	IIV6	1	FRSDMQESLMR	11	NP_149676 1	213R	0 9975
5	2008-08-01-07 1810 1810 2 out	1145 6	0 077	0 38	1 6	137	0	IIV6	1	FFFSFVKHS	9	NP_149924 1	461R	0 9988
10	2008-08-01-07 1290 1290 2 out	1264 7	0 996	0 43	1 58	341	0	IIV6	1	ITMNFKNRLK	10	NP_149777 1	314L	0 9521
32	2008-08-01-07 1634 1634 2 out	1769 8	1 61	0 38	1 58	424	0	IIV6	1	FEASEMYSWYKSNK	14	NP_149902 1	439L	0 9878
18	2008-08-01-07 1200 1200 2 out	1441 8	1 82	0 37	1 57	117	0	IIV6	1	KNIVKIEDEVVR	12	NP_149513 1	050L	0 998
44	2008-08-01-07 966 966 3 out	2049	0 325	0 52	1 57	288	0	Nosema	1	RNLM*NRNIFEQFHWLK	16	ABE27267 1	unknown	0 9945
9	2008-08-01-07 720 720 2 out	1214 6	1 551	0 41	1 55	185	0	IIV6	1	AQVYGCVSFLK	11	NP_149485 1	022L	0 9858
34	2008-08-01-07 967 967 3 out	1817 9	1 28	0 39	1 55	274	0	KBV|KBV|KBV	3	TPIVIEAQTSGDNMTLK	17	NP_851403 1	non-structural polyprotein	0 9669
46	2008-08-01-07 1157 1157 3 out	2143 1	1 781	0 43	1 54	125	1 386	IIV6	1	IKIEDDGTTM*IHNDGQVIK	20	NP_149508 1	045L	0 9892
31	2008-08-01-07 1787 1787 2 out	1763 1	0 152	0 56	1 53	371	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9876
43	2008-08-01-07 2098 2098 3 out	2016 1	1 606	0 46	1 52	308	0	DWV	1	IPGKTRIFSISPVQGPYR	18	ABD39713 1	polyprotein	0 9754

Test 34

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
11	2008-08-01-08 2091 2091 2 out	1268 6	1 594	0 38	2 58	430	1 099	IIV6	1	DKMIQIYVEDK	10	NP_149676 1	213R	0 9843
29	2008-08-01-08 4325 4325 2 out	1614 9	0 554	0 26	2 52	481	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9512
33	2008-08-01-08 1968 1968 3 out	1670 8	0 257	0 34	2 43	586	0	IIV6	1	EM*LDLRLMMEDMK	14	NP_149463 1	468L	0 9873
21	2008-08-01-08 1846 1846 2 out	1377 7	1 782	0 35	2 28	179	0	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9926
20	2008-08-01-08 989 989 2 out	1344 7	1 459	0 29	2 15	360	0 693	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	1
28	2008-08-01-08 1328 1328 2 out	1592 8	0 381	0 33	2 15	312	0	IIV6	1	NYPTIQDEMKLLK	13	NP_149675 1	212L	0 9925
2	2008-08-01-08 797 797 1 out	715 4	0 96	0 03	2 12	317	0	IIV6	1	NIIIDK	6	NP_149495 1	032R	1
27	2008-08-01-08 1587 1587 2 out	1534 8	1 783	0 43	2 05	519	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655 1	pol polyprotein	0 9731
17	2008-08-01-08 1605 1605 2 out	1332 7	0 171	0 34	2 04	439	0	IIV6	1	TWLLLGSSNVDK	12	NP_149524 1	061R	0 9879
16	2008-08-01-08 2134 2134 2 out	1314 8	1 407	0 47	2 02	171	0	IIV6	1	VTLNEEIQKIK	11	NP_149561 1	098R	1
5	2008-08-01-08 2654 2654 2 out	1122 5	0 761	0 41	1 98	272	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9685
26	2008-08-01-08 2424 2424 2 out	1490 8	0 401	0 43	1 91	413	0	IIV6	1	INVSVEFIITLDK	13	NP_149490 1	027L	0 9895
19	2008-08-01-08 2655 2655 2 out	1338 7	1 06	0 36	1 9	430	0	IIV6	1	TMKLYEAGALNK	12	NP_149612 1	149L	0 9944
35	2008-08-01-08 402 402 3 out	1698 8	1 922	0 45	1 89	142	0	Nosema	1	GTSEAEIFSTGDVVMR	16	ABE26648 1	pol polyprotein	0 9781
3	2008-08-01-08 974 974 2 out	1103 5	0 725	0 46	1 86	370	0	BQCV|BQCV|BQCV|BQCV	4	YDQYDPFR	8	ABC95162 1	structural polyprotein	1
51	2008-08-01-08 3974 3974 3 out	2075 9	0 882	0 39	1 85	942	0	Nosema	1	FNEQCGREM*EVLMSMKK	18	ABV48900 1	hypothetical spore wall protein	0 9981
1	2008-08-01-08 783 783 1 out	713 5	1 085	0 16	1 84	365	0	IIV6	1	LINLLK	6	NP_149877 1	414L	1
6	2008-08-01-08 1173 1173 2 out	1129 6	1 534	0 39	1 84	638	0	IIV6	1	KRNAWDIAR	9	NP_149752 1	289L	0 9914
30	2008-08-01-08 4354 4354 3 out	1666 9	1 387	0 46	1 84	201	1 099	KBV|KBV	2	NVRVDGEVINMKHR	14	NP_851403 1	non-structural polyprotein	0 9886
56	2008-08-01-08 3006 3006 3 out	2292 2	1 891	0 41	1 84	174	0	IIV6	1	RVNAEYPTVPVEGM*LAIWCK	21	NP_149872 1	411L	0 9835
10	2008-08-01-08 2216 2216 2 out	1266 7	1 729	0 35	1 83	605	0	SV|SV|SV	3	KFIATDEDLSK	11	NP_049374 1	polyprotein	0 9688
34	2008-08-01-08 780 780 3 out	1673 9	1 517	0 45	1 83	128	1 609	ABPV	1	ENGDMVPLLNGLFVR	15	NP_066241 1	replicase polyprotein	0 9773
8	2008-08-01-08 1455 1455 2 out	1186 7	1 523	0 37	1 81	271	0	IIV6	1	HHAPIKINEK	10	NP_149858 1	395R	0 9779
47	2008-08-01-08 2879 2879 2 out	1947 8	1 143	0 55	1 81	107	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spore wall protein	0 9737
57	2008-08-01-08 1962 1962 3 out	2378 2	0 866	0 48	1 8	207	0	Nosema	1	TEGDFMIYQVELKATAGTYIK	21	ABE27265 1	unknown	0 9502
12	2008-08-01-08 1154 1154 2 out	1269 6	0 56	0 4	1 78	107	1 946	Nosema	1	GGMREYCVRAK	11	AAB62549 1	glutamyl-tRNA synthetase	1
46	2008-08-01-08 2464 2464 2 out	1875 1	1 292	0 44	1 77	110	0	IIV6	1	ILNFVIFMPFVFIFK	15	NP_149511 1	048R	0 9956
44	2008-08-01-08 74 74 3 out	1847 1	1 185	0 4	1 75	155	1 609	IIV6	1	KILNEKYLQTINIEK	15	NP_149642 1	179R	0 9953
58	2008-08-01-08 1972 1972 3 out	2479 4	0 416	0 46	1 75	203	0	IIV6	1	GSDLPFGGIQLILSGDLLQLPVVK	24	NP_149493 1	030L	0 9919
24	2008-08-01-08 1460 1460 2 out	1485 9	0 355	0 36	1 74	443	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9959
15	2008-08-01-08 1176 1176 2 out	1308 6	0 656	0 36	1 72	389	0	IIV6	1	EDDLSLVTSSSR	12	NP_149485 1	022L	0 9925
55	2008-08-01-08 2097 2097 3 out	2169 2	0 006	0 49	1 71	231	0	IIV6	1	IDADLQGNGMVEIIKALIKK	20	NP_149618 1	155L	0 9786
25	2008-08-01-08 784 784 2 out	1486 7	1 247	0 4	1 7	151	0 693	IIV6	1	YVEKDTEMKTDK	12	NP_149856 1	393L	0 9901
18	2008-08-01-08 1922 1922 2 out	1332 8	0 281	0 43	1 69	203	0 693	Nosema	1	VESSIQSTKIIK	12	ABE27277 1	unknown	0 9854
41	2008-08-01-08 269 269 3 out	1757 8	0 045	0 45	1 68	341	0	ABPV	1	VIAGDFSTFDGSLNVCI	17	AAD02102 1	RNA polymerase	0 9697
7	2008-08-01-08 736 736 2 out	1133 7	0 145	0 43	1 67	213	0 693	Nosema	1	LAARYRLDR	9	AAT12295 1	phospholipase D	0 9827
36	2008-08-01-08 4530 4530 3 out	1717	0 644	0 45	1 67	164	0	IIV6	1	TLIFKTIKDYSFIK	14	NP_149716 1	253L	0 9792
45	2008-08-01-08 1259 1259 3 out	1849	1 786	0 44	1 65	217	0	IIV6	1	LDSKRTGLIMDFNNPK	16	NP_149642 1	179R	0 9867
4	2008-08-01-08 720 720 2 out	1105 6	1 594	0 4	1 64	120	1 099	KBV|KBV|KBV|KBV|KBV|K	13	LM*APDTVSQK	11	YP_308662 1	VP2	0 99
14	2008-08-01-08 2493 2493 2 out	1294 6	1 22	0 39	1 63	142	0 693	IIV6	1	GGLSFFIFPYM*	12	NP_149692 1	229L	0 9846
50	2008-08-01-08 4280 4280 3 out	2042 2	1 323	0 48	1 58	168	0 693	Nosema	1	IELSQADSTRIKALVELR	18	AAC47660 1	mitochondrial-type HSP70	0 9539
40	2008-08-01-08 4466 4466 3 out	1749 9	1 636	0 38	1 57	177	0	IIV6	1	IFYLSKVNMLCQYK	14	NP_149711 1	248R	0 9673
37	2008-08-01-08 4130 4130 3 out	1734 7	0 516	0 41	1 51	370	0	Nosema	1	M*SKAMTEYSQNWDK	15	ABE26649 1	pol polyprotein	0 9662

Test 35

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
38	2008-08-01-10 1837 1837 2 out	1790 9	0 601	0 65	3 73	846	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	1
6	2008-08-01-10 1789 1789 2 out	1143 6	0 439	0 6	3 06	662	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9863
21	2008-08-01-10 1869 1869 2 out	1614 9	1 631	0 44	2 96	458	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9889
8	2008-08-01-10 1513 1513 2 out	1172 7	1 573	0 37	2 6	564	0 693	Nosema	1	SIVLGCKILVK	11	ABE26650 1	pol polyprotein	0 9927
7	2008-08-01-10 715 715 2 out	1171 6	1 576	0 4	2 28	372	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9963
10	2008-08-01-10 760 760 2 out	1179 5	0 56	0 34	2 26	682	0	Nosema	1	EVECLRAECK	10	ABV48890 1	hypothetical spore wall protein	0 9741
17	2008-08-01-10 991 991 2 out	1344 7	1 53	0 28	2 2	359	0 693	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9893
9	2008-08-01-10 1286 1286 2 out	1178 7	0 582	0 29	2 19	471	0	IIV6	1	LINEIKSFSK	10	NP_149500 1	037L	0 9919
15	2008-08-01-10 1996 1996 2 out	1280 8	0 555	0 29	2 1	423	0 693	Nosema	1	VM*LIGYISKIK	12	ABM26979 1	RNA polymerase II largest subunit	0 9964
32	2008-08-01-10 545 545 3 out	1715 9	0 087	0 42	2 1	209	0	IIV6	1	IVENLYLGNIQNGIR	15	NP_149586 1	123R	0 9867
16	2008-08-01-10 2272 2272 2 out	1283 8	1 746	0 32	2 04	161	1 099	IIV6	1	LVNSGNAIRLVK	12	NP_149639 1	176R	0 987
22	2008-08-01-10 1574 1574 3 out	1666 7	1 532	0 34	2 04	237	0	IIV6	1	DLSGQSEM*SEYYNK	15	NP_149676 1	213R	0 9545
52	2008-08-01-10 2322 2322 3 out	2410 3	1 255	0 39	2 03	544	0	IIV6	1	M*CQHIYKINVSVEFIITLDK	21	NP_149490 1	027L	0 9834
5	2008-08-01-10 1474 1474 2 out	1140 6	0 847	0 4	1 94	200	0	Nosema	1	DAIIAFYEAK	10	AAL28052 1	AF406785_1 unknown	0 9962
11	2008-08-01-10 734 734 2 out	1198 7	1 443	0 31	1 94	357	0	IIV6	1	KLLWDWLPK	9	NP_149515 1	052R	0 9969
13	2008-08-01-10 1562 1562 2 out	1234 6	1 742	0 37	1 93	944	0	Nosema	1	YLSFVHQGQR	10	AAT12294 1	beta transducin repeat containing protein-like	0 9833
18	2008-08-01-10 1740 1740 2 out	1377 7	0 657	0 4	1 91	220	0	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 996
27	2008-08-01-10 1276 1276 3 out	1686 9	1 196	0 45	1 91	205	0	SV|SV|SV|SV|SV	5	LGFPHGKGKSDAVAM*R	17	NP_049374 1	polyprotein	0 9607
28	2008-08-01-10 204 204 3 out	1689 8	1 972	0 66	1 89	231	0	Nosema	1	KFSDCEKNYSIVEK	14	ABE26651 1	pol polyprotein	0 9953
30	2008-08-01-10 1227 1227 3 out	1694 8	0 058	0 44	1 88	190	0	Nosema	1	NQYCVSCACHAKIVR	15	ABE27275 1	unknown	0 9524
19	2008-08-01-10 1809 1809 2 out	1401 8	1 427	0 43	1 86	286	0	IIV6	1	ELNLLTLNTENK	12	NP_149803 1	340R	1
41	2008-08-01-10 2655 2655 3 out	2015 9	0 223	0 43	1 85	234	0	Nosema	1	EGLSLFAYMKGEENNEGK	18	AAD12605 1	RNA polymerase II largest subunit	0 9673
20	2008-08-01-10 2594 2594 2 out	1521 8	1 333	0 34	1 83	242	0	IIV6	1	FIFPNVDTDINVK	13	NP_149597 1	134L	0 986
23	2008-08-01-10 2636 2636 3 out	1666 8	0 45	0 41	1 83	185	0	Nosema	1	LVPM*GFTTASAYHQK	16	AAK68858 1	DNA repair protein	0 9655
43	2008-08-01-10 4874 4874 3 out	2057	1 642	0 58	1 83	129	0 693	Nosema	1	IEVSVSNDHIGTVNAALCSK	20	AAT72743 1	translation elongation factor 2	0 9974
29	2008-08-01-10 2188 2188 2 out	1693 8	0 44	0 38	1 79	100	1 099	IIV6	1	ECQHMYVKGKNAGTK	15	NP_149872 1	411L	0 9957
35	2008-08-01-10 374 374 3 out	1757 8	0 381	0 47	1 79	398	0	ABPV	1	VIAGDFSTFDGSLNVCI	17	AAD02102 1	RNA polymerase	0 9639
37	2008-08-01-10 2607 2607 3 out	1773 9	1 126	0 5	1 79	321	0	IIV6	1	FQSFTTQRYPQENK	14	NP_149843 1	380R	0 9969
4	2008-08-01-10 4764 4764 2 out	1122 5	0 874	0 43	1 78	349	0 693	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9794
48	2008-08-01-10 752 752 3 out	2142 2	0 992	0 4	1 77	135	0 693	KBV|KBV	2	PSLVHGM*ISDIKTKPAYLR	20	NP_851403 1	non-structural polyprotein	0 9756
3	2008-08-01-10 1004 1004 2 out	1116 6	1 235	0 37	1 68	214	0	ABPV	1	LSEPLFEPGK	10	NP_066241 1	replicase polyprotein	0 9823
47	2008-08-01-10 1761 1761 2 out	2141 1	1 215	0 41	1 68	83	0	IIV6	1	QYPLRDIPDFTIRSEYK	17	NP_149530 1	067R	0 9935
26	2008-08-01-10 543 543 3 out	1685 9	1 195	0 54	1 67	138	1 792	IIV6	1	TLTVYGGTLSLEEFR	15	NP_149813 1	350L	0 9736
50	2008-08-01-10 3019 3019 3 out	2314 3	1 164	0 55	1 64	207	0	IIV6	1	KFEIFAKLSSSGLLAHLPLDK	21	NP_149681 1	218R	0 9806
39	2008-08-01-10 194 194 3 out	1847 1	1 285	0 47	1 63	271	0	IIV6	1	KILNEKYLQTINIEK	15	NP_149642 1	179R	0 9701
31	2008-08-01-10 4743 4743 3 out	1695 8	1 479	0 5	1 6	263	0	Nosema	1	SECLGGAVLSM*AACVLR	18	AAL28056 1	AF406785_5 unknown	0 9967
46	2008-08-01-10 1200 1200 3 out	2123 2	0 565	0 41	1 58	181	0 693	IIV6	1	HINVLPAYSAHMLLM*GVLK	20	NP_149730 1	267R	0 9877
1	2008-08-01-10 210 210 1 out	725 4	1 326	0 47	1 56	134	0	IIV6	1	MFNSVK	6	NP_149483 1	020L	1
49	2008-08-01-10 1069 1069 3 out	2249 2	0 64	0 58	1 54	215	0	IIV6	1	HVHTIHHYLVRNYRYIK	17	NP_149537 1	074R	0 9628
40	2008-08-01-10 51 51 3 out	1986 1	0 683	0 5	1 53	205	0 693	Nosema	1	PDVSIANVRVYHM*NVKK	18	ABE26649 1	pol polyprotein	0 9847
42	2008-08-01-10 1318 1318 3 out	2051 1	0 165	0 46	1 53	159	0	Nosema	1	PFIYGPTGQTERM*RILR	18	AAT12293 1	DNA repair helicase RAD25	0 9687
53	2008-08-01-10 1885 1885 3 out	2411 2	0 747	0 59	1 51	174	1 099	IIV6	1	LYPSIQEEM*KNM*KTNVIANR	22	NP_149482 1	019R	0 9894
24	2008-08-01-10 688 688 3 out	1669 9	1 873	0 46	1 5	236	0	Nosema	1	MCIDYRALNKITTK	14	ABE26653 1	pol polyprotein	0 9619

Test 47

Sr.No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
25	2008-03-21-13_2026_2026_3.out	1734.9	0.497	0.33	2.39	86	0	IIV6	1	DVPIGNDFDKATITTK	16	NP_149798.1	335L	0.9894
27	2008-03-21-13_2669_2669_3.out	1737.9	0.29	0.39	2.18	222	0	ABPV	1	WAEDVVVVEPKPLLSG	16	AAD33287.1	structural protein	0.9604
10	2008-03-21-13_883_884_2.out	1199.7	1.158	0.32	2.09	203	0.693	IIV6	1	KVNIQNKDIK	10	NP_149674.1	211L	0.994
33	2008-03-21-13_871_871_3.out	1763.9	1.887	0.48	2.07	76	1.099	Nosema	1	TKLITEKCLECQLNK	15	ABE26650.1	pol polyprotein	0.9714
22	2008-03-21-13_2312_2312_3.out	1721.7	0.688	0.34	2.06	133	0	Nosema	1	GNGDASCSGGHGGKDM*GAK	20	AAU11092.1	unknown	0.9745
32	2008-03-21-13_2465_2465_3.out	1757.8	0.203	0.36	2.03	185	0	ABPV	1	VIAGDFSTFDGSLNVCI	17	AAD02102.1	RNA polymerase	0.994
12	2008-03-21-13_1508_1508_2.out	1219.6	0.137	0.29	2.01	200	0	ABPV	1	NNSNKM*ATPVK	12	NP_066242.1	capsid protein	0.9646
34	2008-03-21-13_780_780_3.out	1780	1.419	0.32	2.01	116	0	IIV6	1	PNAIACRKWLIIEPR	15	NP_149851.1	388R	0.9957
16	2008-03-21-13_1796_1796_3.out	1662.9	1.826	0.35	1.93	126	0	IIV6	1	MLQSQPMLTEMLLK	14	NP_149794.1	331R	0.9569
3	2008-03-21-13_1769_1769_2.out	1116.6	0.159	0.28	1.89	150	0	ABPV	1	LSEPLFEPGK	10	NP_066241.1	replicase polyprotein	0.9982
1	2008-03-21-13_1090_1091_1.out	700.5	0.507	0.2	1.87	412	0	Nosema	1	VXDIIK	6	ABM26977.1	RNA polymerase II largest subunit	1
11	2008-03-21-13_1584_1584_2.out	1213.7	1.992	0.34	1.87	222	0	IIV6	1	ELNQILDKIK	10	NP_149916.1	453L	0.9829
23	2008-03-21-13_3145_3145_3.out	1722.8	0.423	0.38	1.86	220	0	Nosema	1	NIVSCSADGAPNMMGKK	17	ABE27267.1	unknown	0.9992
35	2008-03-21-13_2072_2072_3.out	1782.8	0.833	0.44	1.83	115	0	Nosema	1	MNYFSDADIFEGFAR	15	ABV48900.1	hypothetical spore wall protein	0.9824
37	2008-03-21-13_1356_1356_3.out	2016	0.827	0.41	1.81	172	0	IIV6	1	LEGQHKEIYEGILTETR	17	NP_149635.1	172L	0.9898
26	2008-03-21-13_3131_3131_3.out	1737.8	0.049	0.36	1.7	155	0	IIV6	1	ASFKDYLCNASDYLK	15	NP_149758.1	295L	0.9971
5	2008-03-21-13_2208_2208_2.out	1165.7	1.313	0.32	1.68	156	0	Nosema	1	SVVKSNYQIK	10	ABO69716.1	unknown	0.9733
14	2008-03-21-13_1780_1780_3.out	1658.7	0.463	0.42	1.67	96	0	IIV6	1	QTYSYGNNGQGGGGGNK	17	NP_149792.1	329R	0.9952
15	2008-03-21-13_2213_2213_3.out	1658.9	0.349	0.4	1.62	147	0	Nosema	1	DLISETVEPCLKALK	15	BAF76326.1	heat shock protein 70	0.9977
9	2008-03-21-13_1369_1369_2.out	1180.7	0.958	0.41	1.6	186	0	ABPV	1	VEEHIISLLK	10	NP_066241.1	replicase polyprotein	0.9703
7	2008-03-21-13_2581_2581_2.out	1173.7	1.119	0.52	1.59	170	0	IIV6	1	LNNIDSTLKR	10	NP_149886.1	423L	0.9868
31	2008-03-21-13_3310_3310_3.out	1750.9	1.824	0.41	1.59	93	0.693	IAPV|IAPV	2	VDLCAEVRNKVEFTK	15	YP_001040002.1	polymerase polyprotein	0.9852
21	2008-03-21-13_3068_3068_3.out	1697.8	0.734	0.42	1.52	99	0.693	Nosema	1	GLSPEEFYFHAMGGR	15	ABM26977.1	RNA polymerase II largest subunit	0.9926
29	2008-03-21-13_2405_2405_3.out	1742.9	0.911	0.48	1.52	72	2.303	Nosema	1	AQENGVSEAINELLKK	16	ABE26652.1	pol polyprotein	0.9982

Test 48

Sr.No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
10	2008-03-21-14_1470_1470_3.out	1712.7	0.28	0.39	2.13	187	0	IIV6	1	ENDETEYDEQSIIK	14	NP_149642.1	179R	0.9735
5	2008-03-21-14_1322_1322_2.out	1184.7	0.249	0.45	2	264	0	IIV6	1	IKDIIDALQR	10	NP_149695.1	232R	1
16	2008-03-21-14_1953_1953_3.out	1742.7	1.306	0.38	1.98	207	0	Nosema	1	HPECM*CPSNCEIHAR	16	AAB62548.1	glutaminyl-tRNA synthetase	0.9772
12	2008-03-21-14_1579_1579_3.out	1713.9	1.589	0.42	1.9	126	0	Nosema	1	ILDVFVGEHLCLLSR	15	AAL28052.1	AF406785_1 unknown	0.9645
8	2008-03-21-14_1914_1914_3.out	1669.8	0.82	0.42	1.89	212	0	IIV6	1	GKDDMAASYLEGKER	15	NP_149635.1	172L	0.9981
20	2008-03-21-14_1318_1318_3.out	1835.9	1.227	0.34	1.87	183	0	Nosema	1	ERIFSQEVKGHYSQK	15	ABE27274.1	unknown	0.9563
13	2008-03-21-14_1156_1156_3.out	1718	0.084	0.36	1.85	190	0	IIV6	1	SLRPSIPPKISTEHR	15	NP_149695.1	232R	0.9529
18	2008-03-21-14_1768_1768_3.out	1757.8	0.109	0.51	1.82	171	0	ABPV	1	VIAGDFSTFDGSLNVCI	17	AAD02102.1	RNA polymerase	0.988
7	2008-03-21-14_1246_1246_2.out	1236.6	1.097	0.4	1.78	299	0	IIV6	1	NGAVEEGYNRK	11	NP_149891.1	428L	0.9839
14	2008-03-21-14_1761_1762_3.out	1722.9	1.087	0.48	1.78	167	0	IIV6	1	KCIFTPLRGDLNDCK	15	NP_149747.1	284R	0.9934
11	2008-03-21-14_918_918_3.out	1712.9	0.323	0.54	1.71	165	0	IIV6	1	TFAYEVPIRYSNPR	14	NP_149690.1	227L	0.9981
9	2008-03-21-14_1928_1928_3.out	1697.8	0.602	0.41	1.7	131	0	Nosema	1	GLSPEEFYFHAMGGR	15	ABM26977.1	RNA polymerase II largest subunit	0.994
15	2008-03-21-14_1098_1098_3.out	1729	1.65	0.42	1.7	149	1.099	IIV6	1	VSLTSKYTKGIFSIGK	16	NP_149662.1	199L	0.9894
19	2008-03-21-14_1135_1135_3.out	1790	0.474	0.42	1.7	150	0	Nosema	1	LFIDPKLLESDMKIK	15	ABE26651.1	pol polyprotein	0.9964
1	2008-03-21-14_990_990_1.out	789.4	0.018	0.58	1.67	141	0	SV|SV|SV|SV|SV	5	TTLDIAR	7	NP_049374.1	polyprotein	1
4	2008-03-21-14_1372_1372_2.out	1155.6	0.035	0.35	1.6	96	0.693	Nosema	1	DYFKRLGEK	9	ABE26649.1	pol polyprotein	0.9548

Test 49

Sr.No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
1	2008-03-21-15_1863_1863_2.out	1117.6	1.868	0.28	2.16	245	0	IAPV|IAPV	2	NVTM*QVNAPK	11	YP_001040003.1	structural polyprotein	0.9917
16	2008-03-21-15_1746_1746_3.out	1777.8	0.49	0.36	2.15	149	0	IAPV|IAPV	2	M*LNSWM*EECIQYAK	16	YP_001040002.1	polymerase polyprotein	0.9721
14	2008-03-21-15_1787_1787_3.out	1743	0.874	0.38	2.06	95	0.693	Nosema	1	DQTKNINTVKEVLIK	15	ABV48897.1	hypothetical spore wall protein	0.9997
15	2008-03-21-15_2050_2050_3.out	1750.9	1.218	0.44	1.99	168	0	IAPV|IAPV	2	VDLCAEVRNKVEFTK	15	YP_001040002.1	polymerase polyprotein	1
12	2008-03-21-15_1543_1543_3.out	1718.8	0.757	0.31	1.94	131	0	IIV6	1	NNKYVTNYEDDDTK	14	NP_149608.1	145L	0.984
2	2008-03-21-15_1809_1809_2.out	1174.7	1.09	0.49	1.93	99	0.693	IIV6	1	LDGVSCLIINK	11	NP_149668.1	205R	0.9989
20	2008-03-21-15_1901_1901_3.out	1961	0.028	0.25	1.92	168	1.609	ABPV	1	PITKLM*CPETVSNNVSIV	19	AAO43637.1	structural protein	0.9821
18	2008-03-21-15_1405_1405_3.out	1817.9	1.025	0.37	1.84	220	0	BQCV	1	VEGNDGAPEAYEPKVSR	17	AAD27696.1	helicase domain C	0.9994
4	2008-03-21-15_1375_1375_2.out	1185.6	1.926	0.41	1.82	165	0	IIV6	1	KAFM*KNQFR	10	NP_149612.1	149L	0.9879
9	2008-03-21-15_2166_2166_3.out	1675	1.746	0.42	1.81	50	3.367	IIV6	1	PFFANLLSVLNKPSK	15	NP_149508.1	045L	0.9996
19	2008-03-21-15_1751_1751_3.out	1956.1	0.379	0.42	1.65	162	0.693	IIV6	1	DKCLPNNIALRCEIIIK	17	NP_149668.1	205R	0.986
5	2008-03-21-15_2059_2059_2.out	1194.6	1.73	0.41	1.55	142	0	Nosema	1	KVVSAVSHHCK	11	AAT12293.1	DNA repair helicase RAD25	0.9996
8	2008-03-21-15_1954_1954_3.out	1667.8	0.943	0.42	1.5	125	0	ABPV	1	VLSQGMKVCEEWMK	14	NP_066241.1	replicase polyprotein	0.9942

Test 50

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
9	2008-03-21-16 2025 2025 3 out	1666 9	1 829	0 48	2 3	190	0 693	Nosema	1	NISNVCCITFRKLR	14	AAL28053 1	AF406785_2 checkpoint protein kinase	0 9886
16	2008-03-21-16 2068 2068 3 out	1704 9	1 946	0 41	2 15	196	0	Nosema	1	WLGPFTITKTRQEK	14	ABE26650 1	pol polyprotein	0 9923
22	2008-03-21-16 1672 1672 3 out	1853 9	0 454	0 42	2 05	107	1 099	IIV6	1	SVGDYGGDKATFEPILGK	18	NP_149500 1	037L	0 9524
6	2008-03-21-16 1175 1175 2 out	1204 7	1 449	0 29	2 01	435	0	IIV6	1	NAERFVEVLK	10	NP_149548 1	085L	0 9905
12	2008-03-21-16 2458 2458 3 out	1681 9	1 167	0 49	1 98	258	0	IIV6	1	PLNARTM*GSLIFM*AK	17	NP_149647 1	184R	1
5	2008-03-21-16 1354 1354 2 out	1191 7	1 988	0 36	1 95	603	0	KBV|KBV|KBV	3	LFDKTILITK	10	NP_851403 1	non-structural polyprotein	0 9951
7	2008-03-21-16 1739 1739 2 out	1238 7	1 145	0 38	1 95	151	0	Nosema	1	LICHIKTEPGK	11	ABE26652 1	pol polyprotein	0 9935
1	2008-03-21-16 1179 1179 2 out	1110 6	0 746	0 48	1 82	223	0	IIV6	1	SLQLM*GNFGK	11	NP_149745 1	282R	0 9962
2	2008-03-21-16 1544 1544 2 out	1115 6	0 669	0 35	1 82	323	0	IIV6	1	QTAAGSGIALVK	12	NP_149622 1	159L	0 9848
19	2008-03-21-16 2032 2032 3 out	1787	1 218	0 48	1 75	118	1 099	SV|SV|SV	3	WM*PINSIRVTVNGKR	16	NP_049374 1	polyprotein	0 9861
23	2008-03-21-16 1690 1690 3 out	1858 9	0 552	0 43	1 74	96	1 386	IIV6	1	IVDKYTTGLQNCYNVK	16	NP_149679 1	216R	0 9539
11	2008-03-21-16 2123 2123 3 out	1674 9	1 778	0 35	1 73	172	0	IIV6	1	FIINLCVPCKSYFK	14	NP_149891 1	428L	0 9762
8	2008-03-21-16 1043 1043 3 out	1654 9	0 641	0 43	1 72	264	0	DWV|DWV|DWV|DWV	4	IKDGKQAAVGTQPWR	15	ABM64815 1	polyprotein	0 9914
13	2008-03-21-16 1203 1203 3 out	1692 9	1 66	0 47	1 67	50	1 609	Nosema	1	KDVESKITEPLDYR	14	ABE27274 1	unknown	0 9928
21	2008-03-21-16 1892 1892 3 out	1849 1	1 416	0 36	1 67	161	0	IIV6	1	VGTQYIKIRISSIENK	16	NP_149758 1	295L	0 9899
3	2008-03-21-16 1863 1863 2 out	1142 6	1 858	0 43	1 65	219	0	IIV6	1	LGIRNGYHGR	10	NP_149638 1	175R	0 994
25	2008-03-21-16 1753 1753 3 out	1899 9	1 367	0 36	1 65	112	0	Nosema	1	EM*M*QVLYSIEQNINR	17	ABM26980 1	RNA polymerase II largest subunit	0 9952
4	2008-03-21-16 1339 1339 2 out	1179 7	0 018	0 37	1 64	521	0	IIV6	1	PEILPLLTQR	10	NP_149731 1	268L	0 9772
14	2008-03-21-16 1961 1961 3 out	1696	0 56	0 37	1 57	383	0	IIV6	1	LDAIEILPTKPGEATK	16	NP_149485 1	022L	0 9601
20	2008-03-21-16 1342 1342 3 out	1829 1	0 47	0 44	1 52	69	1 792	Nosema	1	ISTLGVEWIANEIKKK	16	AAD12605 1	RNA polymerase II largest subunit	0 9725
15	2008-03-21-16 2473 2473 3 out	1701	0 44	0 47	1 51	119	0 693	Nosema	1	IISKDGVRADITSVVK	16	ABE26650 1	pol polyprotein	0 9943
26	2008-03-21-16 1945 1945 3 out	2032 1	1 74	0 64	1 51	472	0	IIV6	1	IIFDISCQPNPRNLFVR	17	NP_149851 1	388R	0 9906

Test 51

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
7	2008-03-21-17 1385 1385 3 out	1718 8	0 524	0 33	2 43	164	0	IIV6	1	NNKYVTNYEDDDTK	14	NP_149608 1	145L	1
6	2008-03-21-17 1020 1020 3 out	1715 9	1 944	0 38	2 38	247	0	IIV6	1	IVENLYLGNIQNGIR	15	NP_149586 1	123R	0 9632
8	2008-03-21-17 1466 1466 3 out	1730 9	1 791	0 45	2 1	136	0	IIV6	1	IAM*YPFNKKSQFLK	15	NP_149687 1	224L	1
3	2008-03-21-17 1415 1415 3 out	1688 8	1 872	0 47	2 02	90	1 609	SV|SV|SV|SV|S	14	NQSSEYSSRARIYK	14	NP_049374 1	polyprotein	1
5	2008-03-21-17 1128 1128 3 out	1713 9	1 404	0 4	1 9	196	0	Nosema	1	ILDVFVGEHLCLLSR	15	AAL28052 1	AF406785_1 unknown	1
9	2008-03-21-17 1913 1913 3 out	1733 9	0 316	0 52	1 81	102	0 693	IIV6	1	VSNLFSDVPVAKNICK	16	NP_149692 1	229L	1
4	2008-03-21-17 1206 1206 3 out	1696	1 046	0 41	1 79	155	0	IIV6	1	LDAIEILPTKPGEATK	16	NP_149485 1	022L	1
11	2008-03-21-17 1317 1317 3 out	1817 9	1 075	0 46	1 79	148	0	BQCV	1	VEGNDGAPEAYEPKVSR	17	AAD27696 1	helicase domain C	1
10	2008-03-21-17 962 962 3 out	1775 1	0 004	0 41	1 67	161	0	IIV6	1	LLNFILIIFNALKSR	15	NP_149863 1	400R	1

Test 52

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
3	2008-03-21-18 1428 1428 2 out	1236 7	1 206	0 2	2 33	614	0	IIV6	1	IFVFKNIIDK	10	NP_149561 1	098R	0 9935
9	2008-03-21-18 1451 1451 3 out	1769 9	0 252	0 4	2 04	256	0	IIV6	1	M*EKETTFLGLKLSEK	16	NP_149851 1	388R	0 9899
1	2008-03-21-18 1066 1066 2 out	1135 6	0 883	0 57	1 96	458	0	Nosema	1	LEDLDFQKK	9	AAT12296 1	chromosome segregation protein	0 9992
4	2008-03-21-18 1275 1276 3 out	1675	1 168	0 47	1 95	166	0 693	IIV6	1	PFFANLLSVLNKPSK	15	NP_149508 1	045L	0 9941
6	2008-03-21-18 1655 1655 3 out	1718 9	1 102	0 44	1 82	266	0 693	IIV6	1	IILNHEDSEIHTGIK	15	NP_149589 1	126R	0 9616
2	2008-03-21-18 1392 1392 2 out	1158 6	1 991	0 47	1 8	202	0	IIV6	1	KRNAEAWQR	9	NP_149676 1	213R	0 9822
8	2008-03-21-18 1477 1477 3 out	1754 9	1 368	0 39	1 55	120	2 197	IIV6	1	RQEQM*LLESHNLLK	15	NP_149776 1	313L	0 999

Test 53

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
20	2008-05-07-01 787 787 3 out	1870 1	1 938	0 59	2 37	172	0	IIV6	1	LETLTKIKDIIDALQR	16	NP_149695 1	232R	0 9509
2	2008-05-07-01 1462 1462 2 out	1116 6	1 578	0 46	2 19	562	0	ABPV	1	LSEPLFEPGK	10	NP_066241 1	replicase polyprotein	0 9977
4	2008-05-07-01 918 918 2 out	1117 8	1 679	0 35	2 04	209	0	IIV6	1	VLKLKYLLK	9	NP_149653 1	190R	0 9655
18	2008-05-07-01 1871 1871 3 out	1810 9	0 759	0 33	1 92	187	0	LAPV|IAPV	2	MQQHIDRINNEEKR	14	YP_001040002 1	polymerase polyprotein	0 9504
10	2008-05-07-01 1678 1678 2 out	1350 8	0 698	0 29	1 91	765	0	IIV6	1	FLETLLKPFDK	11	NP_149666 1	203L	1
3	2008-05-07-01 601 601 2 out	1117 5	0 145	0 33	1 85	210	0 693	SV|SV	2	REASPNSDGGK	11	NP_049374 1	polyprotein	0 9935
13	2008-05-07-01 1961 1961 3 out	1715 9	1 559	0 44	1 85	153	0 693	Nosema	1	M*M*GTSAFLSSRNILR	17	ABE27272 1	unknown	0 9952
24	2008-05-07-01 1555 1555 3 out	2064 1	0 703	0 55	1 82	357	0	IIV6	1	LEELIKLYLEYSLYFK	16	NP_149851 1	388R	0 9903
12	2008-05-07-01 1715 1715 3 out	1701	1 602	0 44	1 79	277	0	Nosema	1	ILTASVLPM*RWWVL	15	ABM26980 1	RNA polymerase II largest subunit	0 9797
7	2008-05-07-01 1957 1957 2 out	1179 7	0 944	0 36	1 78	162	1 099	IIV6	1	PEILPLLTQR	10	NP_149731 1	268L	0 9954
9	2008-05-07-01 831 831 2 out	1344 7	0 262	0 33	1 76	393	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	1
6	2008-05-07-01 826 826 2 out	1172 7	1 15	0 39	1 69	449	0	IIV6	1	VQNINIEKSK	10	NP_149513 1	050L	0 9956
25	2008-05-07-01 1333 1333 3 out	2149	1 622	0 42	1 65	286	0	IIV6	1	DLEMLNLIEENVTEDPM*K	19	NP_149856 1	393L	0 9973
11	2008-05-07-01 1789 1789 3 out	1685 9	0 356	0 38	1 63	180	1 099	IIV6	1	TLTVYGGTLSLEEFR	15	NP_149813 1	350L	0 9882
19	2008-05-07-01 1403 1403 3 out	1826	0 063	0 41	1 62	129	0	DWV	1	PEMDRILNLAEGLLNK	16	ABB36638 1	polyprotein	0 9737
22	2008-05-07-01 967 967 3 out	2047 2	1 156	0 4	1 62	112	0	Nosema	1	MPFNVAKGDRIAQIVFIK	18	AAT72741 1	deoxyuridine 5' triphosphate nucleotidehydrolas	0 9696
5	2008-05-07-01 990 990 2 out	1158 6	1 602	0 39	1 58	121	0	IIV6	1	KRNAEAWQR	9	NP_149676 1	213R	0 9561
16	2008-05-07-01 65 65 3 out	1754 8	0 359	0 39	1 58	117	1 099	DWV|DWV|DWV|DWV|DWV|Kakugo|VDV1	8	QYYLDFMASYRAAR	14	NP_853560 2	polyprotein	0 9536

Test 54

Sr No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
47	2008-05-07-03 2110 2110 3 out	2150	0 038	0 36	2 36	297	0	IIV6	1	MNNMNLNNMNLNNMNLLK	18	NP_149891 1	428L	0 9939
45	2008-05-07-03 1896 1896 3 out	2082 2	0 087	0 39	2 2	201	0	KBV|KBV|KBV|KBV	4	VSIVVVWKWAEDVVVVEPK	18	YP_308662 1	VP2	0 9644
8	2008-05-07-03 642 642 2 out	1268 6	0 253	0 29	2 15	321	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9555
7	2008-05-07-03 1045 1045 2 out	1231 6	0 886	0 37	2 09	389	0	IIV6	1	LNEKLNEESR	10	NP_149642 1	179R	0 9946
22	2008-05-07-03 2567 2567 3 out	1661 8	1 16	0 36	2 08	250	0	SV	1	WYQRVGDSFANYR	13	AAK16291 1	polyprotein	0 9766
39	2008-05-07-03 2461 2461 3 out	1960	1 813	0 46	2 02	128	1 099	KBV	1	DQVKQIDVSMQINLSNK	17	AAR19088 1	structural polyprotein	0 9973
46	2008-05-07-03 1210 1210 3 out	2122	1 27	0 46	1 89	126	0	IIV6	1	M*VPRLEDVAAGTAVDAFTDK	21	NP_149728 1	265L	0 9759
41	2008-05-07-03 1332 1332 3 out	2016	0 636	0 45	1 88	249	0	IIV6	1	LEGQHKEIYEGILTETR	17	NP_149635 1	172L	0 9946
20	2008-05-07-03 2604 2604 3 out	1658 7	0 302	0 46	1 87	233	0 693	IIV6	1	QTYSYGNNGQGGGGGNK	17	NP_149792 1	329R	0 9939
28	2008-05-07-03 1455 1455 3 out	1735 8	1 811	0 5	1 87	219	0	IIV6	1	M*SGGYTSLESSIRTCK	17	NP_149878 1	415R	0 999
11	2008-05-07-03 1579 1579 2 out	1356 8	0 188	0 32	1 82	375	0	IIV6	1	FLFSLKKCGSVK	12	NP_149749 1	286L	1
31	2008-05-07-03 762 762 3 out	1754	0 983	0 46	1 82	206	0	IIV6	1	VNGKPEVCNIARLVNK	16	NP_149639 1	176R	0 9883
1	2008-05-07-03 1416 1416 2 out	1102 7	0 64	0 31	1 79	394	0	IIV6	1	MTGLIVISIR	10	NP_149799 1	336R	0 9918
3	2008-05-07-03 600 600 2 out	1179 6	0 425	0 35	1 76	194	0	IIV6	1	QICNIFNLSK	10	NP_149545 1	082L	0 9896
13	2008-05-07-03 1819 1819 2 out	1407 7	0 645	0 41	1 75	263	0	IIV6	1	YM*NDLSLFFNK	12	NP_149852 1	389L	0 9716
40	2008-05-07-03 349 349 3 out	1961	0 837	0 37	1 74	123	0 693	ABPV	1	PITKLM*CPETVSNNVSIV	19	AAO43637 1	structural protein	0 9811
49	2008-05-07-03 2464 2464 3 out	2246 1	1 299	0 37	1 73	198	0	IIV6	1	FGSYSIEQQLSSAM*EQLALK	21	NP_149752 1	289L	0 9916
6	2008-05-07-03 1511 1511 2 out	1209 6	1 582	0 4	1 69	327	0	IIV6	1	LSPFLPNFM*K	11	NP_149561 1	098R	0 9939
2	2008-05-07-03 597 597 2 out	1155 6	1 326	0 46	1 68	437	0	SV|SV|SV|SV|SV|SV|SV|SV|SV|S	18	FVEATFNTVK	10	NP_049374 1	polyprotein	0 9981
10	2008-05-07-03 984 984 2 out	1344 7	1 263	0 37	1 68	119	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9767
25	2008-05-07-03 217 217 3 out	1696	1 269	0 45	1 68	177	0	IIV6	1	LDAIEILPTKPGEATK	16	NP_149485 1	022L	0 9991
29	2008-05-07-03 612 612 3 out	1739 9	1 256	0 48	1 67	65	1 609	Nosema	1	NLGLYMPVQWEFSR	14	AAB62548 1	glutaminyl-tRNA synthetase	0 9816
56	2008-05-07-03 2416 2416 3 out	2636 4	0 646	0 4	1 67	143	0	Nosema	1	NTNRSVTFIIKGELQMCSVINIR	23	ABE27273 1	unknown	0 9978
4	2008-05-07-03 1302 1302 2 out	1185 6	1 198	0 65	1 66	281	0	IIV6	1	KAFM*KNQFR	10	NP_149612 1	149L	1
36	2008-05-07-03 2598 2598 3 out	1883 9	0 759	0 38	1 66	218	0	Nosema	1	REEFCNLVYASNLVAR	16	AAD12605 1	RNA polymerase II largest subunit	0 9995
38	2008-05-07-03 1563 1563 3 out	1946	1 539	0 48	1 64	452	0	IIV6	1	VQKCIENVGKFLDPNNK	17	NP_149832 1	369L	0 9828
17	2008-05-07-03 1954 1954 2 out	1536 8	0 935	0 37	1 63	236	0	Nosema	1	SSNKAM*RDPVIFR	14	AAB62549 1	glutamyl-tRNA synthetase	0 9765
23	2008-05-07-03 2893 2893 3 out	1665 8	0 722	0 55	1 6	127	1 609	Nosema	1	QCENTEEIAIKLM*K	15	ABE27264 1	unknown	0 9945
26	2008-05-07-03 2631 2631 2 out	1712	0 374	0 53	1 59	327	0 693	IIV6	1	ETIQNLQQVSLPTLK	15	NP_149854 1	391R	0 9978
50	2008-05-07-03 927 927 3 out	2249 2	0 86	0 52	1 57	170	1 099	IIV6	1	HVHTIHHYLVRNYRYIK	17	NP_149537 1	074R	0 9865
14	2008-05-07-03 1929 1929 2 out	1429 6	0 767	0 46	1 56	198	0	IIV6	1	RTETTIDEM*CSK	13	NP_149633 1	170L	0 9735
51	2008-05-07-03 1911 1911 3 out	2265 2	1 486	0 41	1 55	199	0	IIV6	1	PHITTGWNIFNFDTTFLLK	19	NP_149500 1	037L	0 9638
5	2008-05-07-03 1300 1300 2 out	1203 7	0 616	0 4	1 54	267	0	Nosema	1	IQIGDYILIR	10	ABE26651 1	pol polyprotein	0 9946
37	2008-05-07-03 562 562 3 out	1884 9	1 626	0 56	1 53	154	0 693	Nosema	1	NDAFDTENLLTDILYK	16	ABV48894 1	hypothetical spore wall protein	0 9943
44	2008-05-07-03 1683 1683 3 out	2080	0 799	0 48	1 52	217	0	Nosema	1	CQKSVSDFTEQIKEFYK	17	ABE27265 1	unknown	0 9861
54	2008-05-07-03 2244 2244 3 out	2371 4	0 765	0 44	1 52	221	0	Nosema	1	M*EPATHFLVIYVKLARLLLK	21	AAU11093 1	unknown	0 999
15	2008-05-07-03 2049 2049 2 out	1456 9	1 145	0 4	1 51	309	0	IIV6	1	VKEIQLMKNILK	12	NP_149723 1	260R	1

Test 55

Sr No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
3	2008-05-07-05 600 600 2 out	1162 6	1 185	0 32	2 14	493	0	IIV6	1	MSDIIIDLSR	10	NP_149548 1	085L	0 9998
4	2008-05-07-05 1143 1143 2 out	1184 7	0 818	0 71	1 97	725	0	IIV6	1	IKDIIDALQR	10	NP_149695 1	232R	0 9966
11	2008-05-07-05 761 761 3 out	1780 9	0 847	0 37	1 91	109	1 386	Nosema	1	ISAEDNLLIFDEM*VR	16	AAB62549 1	glutamyl-tRNA synthetase	0 9823
13	2008-05-07-05 1331 1331 3 out	2016	0 351	0 41	1 71	146	1 099	IIV6	1	LEGQHKEIYEGILTETR	17	NP_149635 1	172L	0 9915
2	2008-05-07-05 1254 1254 2 out	1143 7	1 94	0 41	1 7	349	0	Nosema	1	LISLTRLLSK	10	ABE26651 1	pol polyprotein	0 9859
12	2008-05-07-05 1809 1809 3 out	1930	1 556	0 52	1 7	98	0 693	Nosema	1	IPSQTAQIQTAISDLESK	18	ABE27271 1	unknown	0 9651
1	2008-05-07-05 234 234 1 out	817 4	2	0 45	1 56	62	0	IIV6	1	LLDEEAK	7	NP_149917 1	454R	0 9542

Test 56

Sr No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
8	2008-05-07-07 1792 1792 2 out	1469 9	1 86	0 53	2 3	133	0	VDV1|VDV1	2	M*GTLNIRVIAPLR	14	ACF24765 1	polyprotein	0 9557
6	2008-05-07-07 862 862 2 out	1344 7	1 487	0 37	2 19	366	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	1
15	2008-05-07-07 1358 1358 3 out	2016	0 594	0 37	2 18	163	0	IIV6	1	LEGQHKEIYEGILTETR	17	NP_149635 1	172L	0 9759
1	2008-05-07-07 1060 1060 1 out	700 5	1 126	0 15	1 91	404	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
7	2008-05-07-07 858 858 2 out	1346 7	1 169	0 38	1 9	204	0 693	Nosema	1	KDLVIVQAAM*DK	13	ABO69715 1	unknown	0 9933
12	2008-05-07-07 2081 2081 3 out	1724 9	1 871	0 36	1 88	194	0 693	IIV6	1	EKIVSSNFQFLWVK	14	NP_149592 1	129R	0 9585
16	2008-05-07-07 1679 1679 3 out	2064 1	0 846	0 52	1 85	249	0	IIV6	1	LEELIKLYLEYSLYFK	16	NP_149851 1	388R	0 9782
13	2008-05-07-07 1576 1576 3 out	1815	1 158	0 51	1 73	146	0	Nosema	1	EVVLPSDEIFESLPIK	16	ABE27277 1	unknown	0 9953
19	2008-05-07-07 1223 1223 3 out	2347 2	0 077	0 46	1 65	163	0	ABPV	1	LMGPETVSSNVSIVVWKWAED	21	AAK58193 1	structural protein	0 9835
5	2008-05-07-07 1722 1722 2 out	1268 6	0 333	0 35	1 58	483	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9501
18	2008-05-07-07 2121 2121 3 out	2239 1	1 811	0 41	1 56	193	0	IIV6	1	FVDAIM*DGNAEFALLVNNNR	21	NP_149752 1	289L	0 9781
9	2008-05-07-07 561 561 2 out	1495 7	1 623	0 34	1 53	366	0	IIV6	1	FHNEKIVCSGSFQ	13	NP_149713 1	250L	0 9794
10	2008-05-07-07 1556 1556 2 out	1565 9	0 101	0 41	1 51	194	0	Nosema	1	FIVYIKSILDNIK	13	ABE27277 1	unknown	0 9973

Test 58

Sr No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
15	2008-05-07-11 2733 2733 2 out	1457 9	0 44	0 81	3 71	1370	0	Nosema|Nosema|Nosema|Nosema|No	5	IIAQVVSSITASLR	14	AAZ23550 1	elphe-tubulin	1
31	2008-05-07-11 1968 1968 2 out	1790 9	0 046	0 68	2 96	657	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9971
48	2008-05-07-11 2141 2141 3 out	2036 2	0 855	0 31	2 73	1169	0	IIV6	1	DQLIDLAQSLGLNPGKLLK	19	NP_149695 1	232R	0 9868
27	2008-05-07-11 3875 3875 3 out	1740	1 641	0 49	2 57	312	0	IIV6	1	EVFPVEKGVLIGLNLL	16	NP_149486 1	023L	0 9968
7	2008-05-07-11 1098 1098 2 out	1199 7	0 656	0 4	2 48	550	0	IIV6	1	KVNIQNKDIK	10	NP_149674 1	211L	0 9748
55	2008-05-07-11 2921 2921 2 out	2173 1	1 684	0 53	2 35	209	0	Nosema	1	VKILTAYHIETGHGSASNIM*K	21	ABE26653 1	pol polyprotein	0 9834
20	2008-05-07-11 2354 2354 2 out	1524 9	1 838	0 45	2 32	243	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859 1	396L	0 996
79	2008-05-07-11 3372 3372 3 out	3471 9	1 27	0 36	2 29	99	0	IIV6	1	EIQVNLTQTLFPLEPNLCITLEDILTFILK	30	NP_149479 1	016L	0 991
18	2008-05-07-11 2276 2276 2 out	1498 8	0 766	0 42	2 27	638	0	IIV6	1	EIFICYREGIKK	12	NP_149500 1	037L	0 9899
35	2008-05-07-11 1143 1143 3 out	1844 9	0 074	0 45	2 26	331	0	DWV|VDV1|VDV1	3	LINLSVPCGDVCM*LHSK	18	AAP49283 1	polyprotein	0 9683
28	2008-05-07-11 3438 3438 2 out	1745	0 01	0 31	2 24	526	0	IIV6	1	LIFYIVTKEKSYLK	14	NP_149495 1	032R	0 9821
72	2008-05-07-11 2630 2630 3 out	2886 5	1 856	0 34	2 24	340	0	Nosema	1	IDDLM*SRAPAATEPSSRPVLPPQFFK	27	ABO69723 1	unknown	0 9636
46	2008-05-07-11 3708 3708 3 out	2011 1	0 874	0 4	2 21	298	0	KBV|KBV	2	TDIRPSLVHGMISDIKTK	18	NP_851403 1	non-structural polyprotein	0 9764
12	2008-05-07-11 1854 1854 2 out	1329 8	0 756	0 32	2 19	357	1 609	IIV6	1	VEKGLSISQIKK	12	NP_149608 1	145L	0 9754
21	2008-05-07-11 1524 1524 2 out	1534 8	1 92	0 48	2 12	936	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655 1	pol polyprotein	0 9921
62	2008-05-07-11 2701 2701 3 out	2320 1	0 092	0 42	2 12	146	0	IIV6	1	CAKGCCILNFTNEIHHFKNK	20	NP_149877 1	414L	0 9842
3	2008-05-07-11 4471 4471 2 out	1115 6	1 616	0 38	2 09	804	0	IIV6	1	QTAAGSGIALVK	12	NP_149622 1	159L	0 9759
40	2008-05-07-11 1673 1673 3 out	1946	1 486	0 47	2 09	558	0	IIV6	1	VQKCIENVGKFLDPNNK	17	NP_149832 1	369L	0 9756
76	2008-05-07-11 3103 3103 3 out	3020 4	1 512	0 57	2 01	151	0	VDV1|VDV1|VDV1|VDV1|VDV1|VDV1	6	VLNLAEGLLNNTVGGCNM*DNPSYQQSPR	29	ACF24765 1	polyprotein	0 963
54	2008-05-07-11 520 520 3 out	2165 2	0 379	0 42	1 98	249	0	IIV6	1	YGGLAKPINIVTESNAYRK	19	NP_149612 1	149L	0 9934
1	2008-05-07-11 1141 1141 1 out	700 5	1 196	0 19	1 95	414	0	Nosema	1	VKDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
56	2008-05-07-11 1467 1467 3 out	2194 2	1 792	0 4	1 94	374	0	IIV6	1	LLLIFLFSTFVTVYTASCR	19	NP_149577 1	114L	0 9768
44	2008-05-07-11 785 785 3 out	1999	0 774	0 39	1 93	287	0	IIV6	1	QSISSSIIILTSSVAFCDK	19	NP_149526 1	063R	0 951
60	2008-05-07-11 159 159 3 out	2278 3	0 522	0 43	1 93	201	0 693	IIV6	1	EVKNIVIHPLSNNLNIYLGK	20	NP_149500 1	037L	0 9961
16	2008-05-07-11 1395 1395 2 out	1485 9	0 79	0 46	1 92	677	0	Nosema	1	ISRRLTFIPLNIR	12	AAT12296 1	chromosome segregation protein	0 984
69	2008-05-07-11 2897 2897 3 out	2653 4	0 97	0 37	1 91	192	0	BQCV	1	VKFATNHVSRLM*LLNHVQCDIAK	24	NP_620565 1	structural polyprotein	0 9629
50	2008-05-07-11 3483 3483 3 out	2049	1 628	0 37	1 9	284	0	IIV6	1	TTSSGTTSFSYVAGIEVLDN	20	NP_149906 1	443R	0 9841
14	2008-05-07-11 2130 2130 2 out	1374 8	0 827	0 42	1 88	397	0	IIV6	1	LNKSLTISENKK	12	NP_149508 1	045L	0 965
36	2008-05-07-11 1057 1057 3 out	1923	1 753	0 37	1 88	390	0	Nosema	1	EIRISSIIQDFTEEDK	16	ABE26653 1	pol polyprotein	0 9543
42	2008-05-07-11 744 744 3 out	1966 1	1 253	0 49	1 86	98	1 099	DWV|DWV|DWV|DWV|Kakugo|VDV1	7	LLKAVNDEPEILKAWVK	17	NP_853560 2	polyprotein	0 9536
73	2008-05-07-11 3023 3023 3 out	2907 4	0 097	0 61	1 85	145	0	IIV6	1	FDSNSISPGTEFM*HNLGRYIDIHIK	26	NP_149475 1	012L	0 9901
10	2008-05-07-11 4567 4567 2 out	1268 6	0 184	0 37	1 84	283	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9811
11	2008-05-07-11 1176 1176 2 out	1276 7	0 76	0 37	1 84	557	0	IIV6	1	SKKELMDALNK	11	NP_149864 1	401R	0 9763
25	2008-05-07-11 4305 4305 3 out	1735 8	1 392	0 44	1 83	128	1 609	SV|SV|SV	3	STSTFIPEM*AHLEEK	16	NP_049374 1	polyprotein	0 9811
37	2008-05-07-11 4729 4729 3 out	1926	1 238	0 46	1 83	210	0	IIV6	1	LDSYSLNFVAKHFLGSK	17	NP_149500 1	037L	0 9523
9	2008-05-07-11 746 746 2 out	1242 7	1 826	0 44	1 82	343	0 693	Nosema	1	LNKALEILSNK	11	ABV48899 1	hypothetical spore wall protein	0 9979
74	2008-05-07-11 3259 3259 3 out	2926 6	1 364	0 4	1 82	131	1 386	IIV6	1	IKNNLEINFLYNNIIHDESNILIIG	25	NP_149534 1	071L	0 9701
51	2008-05-07-11 1208 1208 3 out	2061 8	0 552	0 41	1 81	437	0	Nosema	1	SKTTCEGENTPDGYTGCGNK	20	ABM26977 1	RNA polymerase II largest subunit	0 9812
41	2008-05-07-11 4367 4367 3 out	1961	0 149	0 38	1 8	170	1 386	IIV6	1	FDNPITLEFENAIYFK	16	NP_149500 1	037L	0 9759
4	2008-05-07-11 3772 3772 2 out	1116 6	1 017	0 37	1 79	220	0 693	ABPV	1	LSEPLFEPGK	10	NP_066241 1	replicase polyprotein	0 9958
64	2008-05-07-11 4457 4457 3 out	2412 2	1 592	0 45	1 79	70	1 609	SV|SV	2	GEEVEAYTTLLNSTFLKHGFR	21	AAL79021 1	AF469603_1 polyprotein	0 9832
29	2008-05-07-11 4573 4573 3 out	1748 9	1 146	0 47	1 77	193	1 386	IIV6	1	LNESREIVSAEM*VKK	16	NP_149639 1	176R	0 9639
5	2008-05-07-11 1473 1473 2 out	1140 7	0 603	0 4	1 76	695	0	Nosema	1	LLDIVKAQLK	10	ABE26648 1	pol polyprotein	0 9826
66	2008-05-07-11 1803 1803 3 out	2546 3	0 066	0 39	1 74	353	0	IIV6	1	PEVCNIARLVNKLNCNFEDNIK	22	NP_149639 1	176R	0 9831
45	2008-05-07-11 4150 4150 3 out	2005 1	0 679	0 39	1 71	322	0	Nosema	1	KGILERLMATSDTLDTLK	18	ABO69717 1	unknown	0 9711
63	2008-05-07-11 2816 2816 3 out	2393 3	0 697	0 44	1 71	263	0	IIV6	1	YLDSNFTSYIKNVAKEIIFK	20	NP_149713 1	250L	0 9746
43	2008-05-07-11 1225 1225 3 out	1974 1	1 746	0 45	1 67	131	0	IIV6	1	MHVLTTITKITITMENK	17	NP_149872 1	411L	1
22	2008-05-07-11 4451 4451 3 out	1655 9	1 653	0 4	1 66	308	0	SV	1	DILVGVEKTLDQLGR	15	AAT45735 1	structural polyprotein	0 9958
24	2008-05-07-11 3437 3437 3 out	1733 9	1 105	0 42	1 66	100	1 099	Nosema	1	IYHNIYKEGDRVVIK	14	ABE26650 1	pol polyprotein	0 9885
6	2008-05-07-11 1897 1897 2 out	1143 6	1 68	0 47	1 64	435	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9594
13	2008-05-07-11 3700 3700 2 out	1336 7	0 26	0 57	1 64	198	0	IIV6	1	M*SLEEKVKNDK	12	NP_149578 1	115R	0 9684
70	2008-05-07-11 2927 2927 3 out	2700 4	1 325	0 44	1 64	164	0	IAPV|IAPV	2	MNPDIVKQGASRMVTEFVPNPLEK	24	YP_001040003 1	structural polyprotein	0 9733
77	2008-05-07-11 2220 2220 3 out	3099 6	1 669	0 49	1 63	115	0	IAPV|IAPV	2	MWTKIDFFILHQDINCTGFTLTIVDK	26	YP_001040002 1	polymerase polyprotein	0 99
71	2008-05-07-11 3356 3356 3 out	2756 4	0 785	0 49	1 6	192	0	IIV6	1	QGNINNTYVGVGYNIINGILTTLFDR	25	NP_149605 1	142R	0 9719
8	2008-05-07-11 48 48 2 out	1223 7	0 145	0 39	1 58	336	0	IIV6	1	SLLQNYTKEK	10	NP_149557 1	094L	0 9963
59	2008-05-07-11 3778 3778 3 out	2270 1	1 579	0 51	1 57	48	2 944	IIV6	1	SKW_LMNPDDFKM*AIM*GLK	21	NP_149674 1	211L	0 9738
52	2008-05-07-11 275 275 3 out	2110 9	1 484	0 55	1 56	261	0	Nosema	1	EDLYYSSDSLSSNESSLSK	19	ABE27276 1	unknown	0 9873
2	2008-05-07-11 411 411 1 out	703 4	0 173	0 36	1 55	168	0	IIV6	1	NKNISK	6	NP_149877 1	414L	1
65	2008-05-07-11 1989 1989 3 out	2532 1	1 868	0 44	1 53	78	2 079	IIV6	1	AKVM*AWDIEVYSEDGNFPDAMK	23	NP_149500 1	037L	0 9886
78	2008-05-07-11 2343 2343 3 out	3342 6	0 18	0 46	1 51	66	0 693	IIV6	1	CQEAYVTENINELSFKKIAIDTPMYMYK	28	NP_149832 1	369L	0 9703

Test 59

Sr No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
5	2008-05-07-13 1671 1671 2 out	1350 8	0 902	0 3	2 04	582	0	IIV6	1	FLETLLKPFDK	11	NP_149666 1	203L	1
11	2008-05-07-13 1912 1912 3 out	1998	0 893	0 44	2 04	234	0	Nosema	1	M*NM*KLVPILLCAIFCTR	19	ABV48892 1	hypothetical spore wall protein	0 9981
2	2008-05-07-13 358 358 2 out	1115 6	0 57	0 37	1 91	327	0	Nosema	1	SEIPLKEGDK	10	ABO69719 1	unknown	0 9594
12	2008-05-07-13 2063 2063 3 out	2008 1	0 768	0 56	1 89	150	0	IAPV|IAPV	2	TDIRPSLVHGQISDIKTK	18	YP_001040002 1	polymerase polyprotein	0 9911
9	2008-05-07-13 4422 4422 3 out	1784 9	1 67	0 5	1 64	203	0	IIV6	1	ADFILSQPPPSNNQEK	16	NP_149659 1	196R	0 9993
7	2008-05-07-13 948 948 3 out	1722	0 548	0 37	1 62	238	0	IIV6	1	KAIKDIM*VENYLIR	15	NP_149608 1	145L	0 9562
3	2008-05-07-13 1905 1905 2 out	1215 6	0 207	0 46	1 58	567	0	IIV6	1	DLDLDNKNLR	10	NP_149879 1	416R	0 9933
1	2008-05-07-13 1158 1158 1 out	874 6	1 178	0 54	1 52	131	0	IIV6	1	MKTIIIR	7	NP_149530 1	067R	0 9763

Test 60

Sr.No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
40	2008-05-07-14_1752_1752_2.out	1790.9	1.606	0.53	2.88	452	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863.1	actin	0.9917
54	2008-05-07-14_1875_1875_3.out	2082.2	0.469	0.34	2.59	214	0	KBV|KBV|KBV|KBV	4	VSIVVWKWAEDVVVVEPK	18	YP_308662.1	VP2	0.9742
3	2008-05-07-14_1373_1373_2.out	1130.7	1.937	0.63	2.36	409	0	KBV|KBV|KBV	3	KVLDAGLAICK	11	NP_851403.1	non-structural polyprotein	0.9914
1	2008-05-07-14_982_982_1.out	930.5	1.197	0.33	2.33	494	1.099	IIV6	1	EAIDILEK	8	NP_149624.1	161L	1
19	2008-05-07-14_1955_1955_2.out	1286.7	1.602	0.23	2.3	316	0	Nosema	1	KTNINETNKPK	11	ABE26651.1	pol polyprotein	0.9647
31	2008-05-07-14_1371_1372_2.out	1534.8	0.927	0.51	2.22	833	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655.1	pol polyprotein	0.9919
15	2008-05-07-14_1164_1164_2.out	1231.6	1.804	0.24	2.11	259	0	IIV6	1	LNEKLNEESR	10	NP_149642.1	179R	0.9637
58	2008-05-07-14_1007_1007_3.out	2269.2	1.841	0.44	2.06	213	0	IIV6	1	YDYEMVDMIGSLIILPLRK	19	NP_149561.1	098R	0.9958
22	2008-05-07-14_1146_1146_2.out	1370.6	1.095	0.56	2.02	435	0	IIV6	1	YSVLSNDDDSKK	12	NP_149515.1	052R	0.9888
47	2008-05-07-14_2813_2813_3.out	1954	1.041	0.31	1.95	313	0	KBV|KBV	2	DMIEEAYQLTKSVVWLK	16	NP_851403.1	non-structural polyprotein	0.9649
53	2008-05-07-14_1062_1062_3.out	2080	1.065	0.35	1.95	243	0	IIV6	1	IKMNDNDDIVEIEKEM*K	18	NP_149765.1	302L	0.9687
10	2008-05-07-14_1428_1428_2.out	1208.6	1.426	0.25	1.92	223	0	Nosema	1	DENLSINFEK	10	ABE26650.1	pol polyprotein	0.9863
32	2008-05-07-14_2072_2072_2.out	1568.9	1.156	0.4	1.92	201	0	Nosema	1	AILDKIIQLEERK	13	ABE27271.1	unknown	0.9881
51	2008-05-07-14_2708_2708_3.out	2001.1	0.167	0.36	1.91	209	0	IIV6	1	FIINLCVPCKSYFKVVK	17	NP_149891.1	428L	0.9587
33	2008-05-07-14_1719_1719_2.out	1615.9	1.984	0.4	1.89	134	0.693	Nosema|Nosema	2	QILSFIFPNVFYK	13	ABM26981.1	RNA polymerase II largest subunit	0.9923
21	2008-05-07-14_1839_1839_2.out	1350.8	0.708	0.29	1.88	492	0	IIV6	1	FLETLLKPFDK	11	NP_149666.1	203L	0.9936
46	2008-05-07-14_1526_1526_3.out	1946	1.781	0.56	1.86	697	0	IIV6	1	VQKCIENVGKFLDPNNK	17	NP_149832.1	369L	0.9829
11	2008-05-07-14_1642_1642_2.out	1213.7	1.719	0.35	1.83	496	0	IIV6	1	ELNQILDKIK	10	NP_149916.1	453L	0.9876
13	2008-05-07-14_1156_1156_2.out	1217.7	1.879	0.42	1.82	122	1.099	KBV|KBV|IAPV|IAPV	4	LPVM*WVDTLK	11	NP_851403.1	non-structural polyprotein	0.9636
24	2008-05-07-14_1786_1786_2.out	1402.7	1.729	0.37	1.8	216	0	IIV6	1	DLEPKNSFHSTK	12	NP_149543.1	080L	0.9868
34	2008-05-07-14_4161_4161_3.out	1655.9	1.706	0.49	1.79	235	0	SV	1	DILVGVEKTLDQLGR	15	AAT45735.1	structural polyprotein	0.9914
35	2008-05-07-14_1204_1204_3.out	1679.8	0.686	0.34	1.79	284	0	Nosema	1	NKANSDNM*KHGYER	15	AAU11092.1	unknown	0.9616
9	2008-05-07-14_1050_1050_2.out	1199.7	0.65	0.33	1.78	578	0	IIV6	1	KVNIQNKDIK	10	NP_149674.1	211L	0.9821
37	2008-05-07-14_851_851_3.out	1701.8	1.087	0.44	1.78	185	0	IIV6	1	DTCIIQISGGYGM*LSK	17	NP_149574.1	111R	0.9631
48	2008-05-07-14_2780_2780_3.out	1961	0.65	0.41	1.78	272	0.693	ABPV	1	PITKLM*CPETVSNNVSIV	19	AAO43637.1	structural protein	0.9875
16	2008-05-07-14_1343_1343_2.out	1244.7	0.997	0.31	1.73	211	0.693	Nosema	1	LDALSGYHQIK	11	ABE26655.1	pol polyprotein	1
20	2008-05-07-14_1406_1406_2.out	1331.7	1.18	0.34	1.69	715	0	ABPV	1	KNNSNKMATPVK	12	NP_066242.1	capsid protein	0.9935
23	2008-05-07-14_1637_1637_2.out	1377.7	1.68	0.37	1.69	261	0	IIV6	1	NENNSVGRTQMK	12	NP_149530.1	067R	0.9946
17	2008-05-07-14_873_873_2.out	1258.7	1.035	0.39	1.67	354	0	IIV6	1	NKSPLLNESEK	11	NP_149523.1	060L	0.9957
52	2008-05-07-14_1383_1383_3.out	2016	0.007	0.37	1.66	294	0	IIV6	1	LEGQHKEIYEGILTETR	17	NP_149635.1	172L	0.9912
8	2008-05-07-14_395_395_2.out	1198.7	1.22	0.34	1.62	258	0	IIV6	1	IKINIYHIGK	10	NP_149921.1	458R	0.9789
4	2008-05-07-14_423_423_2.out	1155.6	1.644	0.5	1.59	341	0	SV|SV|SV|SV|SV|SV|SV|SV|SV|SV|SV|SV|SV|S	18	FVEATFNTVK	10	NP_049374.1	polyprotein	0.9699
18	2008-05-07-14_1962_1962_2.out	1285.7	0.807	0.4	1.58	592	0	IIV6	1	EAQKIEKIGNR	11	NP_149612.1	149L	0.988
26	2008-05-07-14_2026_2026_2.out	1456.9	1.236	0.52	1.57	349	0	IIV6	1	VKEIQLMKNILK	12	NP_149723.1	260R	0.9718
39	2008-05-07-14_2949_2949_3.out	1783	0.849	0.38	1.57	190	0	IIV6	1	VKEYIEKNDIPGIHK	15	NP_149681.1	218R	0.9938
56	2008-05-07-14_1586_1586_3.out	2168.2	1.765	0.44	1.54	74	1.792	IIV6	1	DGAFRPPIVDLRDLMPLSR	19	NP_149792.1	329R	0.9801
57	2008-05-07-14_2411_2411_2.out	2192.3	1.698	0.53	1.54	67	0	Nosema	1	RSTRDVVLIVLGDFLGYLR	19	BAC75455.1	putative spore surface protein	0.9943
25	2008-05-07-14_2507_2507_2.out	1426.8	0.52	0.4	1.53	389	0	IIV6	1	FIIVKSYTEAKK	12	NP_149548.1	085L	0.9936
45	2008-05-07-14_1511_1511_3.out	1856.8	0.672	0.45	1.53	157	1.099	IIV6	1	YPYTHGFFCGDGTYTK	16	NP_149548.1	085L	0.9768
55	2008-05-07-14_827_827_3.out	2151.2	1.867	0.57	1.53	117	0.693	Nosema	1	LPTIQVQREIELANGDKVK	19	ABE26650.1	pol polyprotein	0.952
12	2008-05-07-14_4312_4312_2.out	1216.6	1.705	0.37	1.51	180	0	IIV6	1	M*DSLKASSAYK	12	NP_149672.1	209R	0.9949

Test 61

Sr.No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
12	2008-05-07-15_599_599_3.out	1776	0.351	0.37	2.14	526	0	Nosema	1	SEIIKGEYDLVRLIK	15	ABE27273.1	unknown	0.9975
13	2008-05-07-15_1758_1758_3.out	1780.9	0.345	0.34	1.94	140	0.693	Nosema	1	ISAEDNLLIFDEM*VR	16	AAB62549.1	glutamyl-tRNA synthetase	0.9665
2	2008-05-07-15_742_742_2.out	1157.7	0.761	0.3	1.8	172	0.693	IIV6	1	AIGGGIKDKNGK	12	NP_149717.1	254L	0.9942
14	2008-05-07-15_1606_1606_3.out	1932.1	0.293	0.36	1.74	236	0	IIV6	1	LTINEINFIVDFIQPR	16	NP_149806.1	343L	0.9831
4	2008-05-07-15_1900_1900_2.out	1215.6	0.589	0.53	1.7	421	0	IIV6	1	DLDLDNKNLR	10	NP_149879.1	416R	0.9932
11	2008-05-07-15_4694_4694_3.out	1757.8	1.617	0.41	1.59	156	0	ABPV	1	VIAGDFSTFDGSLNVCI	17	AAD02102.1	RNA polymerase	0.9994
9	2008-05-07-15_4560_4560_3.out	1742.8	1.98	0.43	1.55	285	0	Nosema	1	WDRHGVPVEYEIDK	14	AAC41564.1	isoleucyl-tRNA synthetase	0.9872
10	2008-05-07-15_154_154_3.out	1744	0.975	0.39	1.52	211	0.693	IIV6	1	ISTREILIEPIQFGK	15	NP_149691.1	228L	0.9625
3	2008-05-07-15_958_958_2.out	1214.7	1.107	0.39	1.5	133	0	Nosema	1	M*PLVQRVVEK	11	AAC47660.1	mitochondrial-type HSP70	0.9849

Test 62

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
10	2008-05-07-16 93 93 2 out	1202 7	1 28	0 12	2 78	625	0	IIV6	1	KFPTLEIINK	10	NP_149688 1	225R	0 9727
20	2008-05-07-16 910 910 2 out	1344 7	1 942	0 34	2 54	388	0 693	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9964
64	2008-05-07-16 1567 1567 3 out	2060 1	0 43	0 42	2 46	230	0 693	Nosema	1	DIVVDIYNHGKMPFNVAK	18	AAT72741 1	deoxyuridine 5' triphosphate nucleotidehydrola	0 9986
41	2008-05-07-16 3250 3250 3 out	1745 9	1 747	0 42	2 38	418	0	Nosema	1	EDDKIEDLNFLIGPK	15	AAT12293 1	DNA repair helicase RAD25	0 998
3	2008-05-07-16 1011 1011 1 out	930 5	1 224	0 32	2 29	363	1 099	IIV6	1	EAIDILEK	8	NP_149624 1	161L	1
45	2008-05-07-16 4292 4292 3 out	1767 9	1 578	0 37	2 25	338	0	KBV|KBV|KBV|KBV	4	PLTSGPTQVYNPPAVAR	17	YP_308662 1	VP2	0 9861
21	2008-05-07-16 1611 1611 2 out	1347 7	1 163	0 24	2 11	158	0	ABPV	1	KNNSNKM*ATPVK	13	NP_066242 1	capsid protein	0 9897
35	2008-05-07-16 4124 4124 3 out	1655 9	1 378	0 34	2 1	139	0	SV	1	DILVGVEKTLDQLGR	15	AAT45735 1	structural polyprotein	0 9811
57	2008-05-07-16 1142 1142 3 out	1936	1 881	0 46	2 01	117	0 693	IIV6	1	EVLGTVEQCLMESEKIK	17	NP_149639 1	176R	0 9719
32	2008-05-07-16 1977 1977 2 out	1635 9	1 902	0 48	2	357	0	Nosema	1	RCAAAFRSAVLAPFR	15	AAT12295 1	phospholipasa D	0 9716
50	2008-05-07-16 4250 4250 3 out	1828 1	1 695	0 49	2	197	0	IIV6	1	TISSLKLNVLFSKHLK	16	NP_149518 1	055R	0 9957
19	2008-05-07-16 3210 3210 2 out	1331 7	0 914	0 24	1 99	201	0 693	Nosema	1	NSDHCQKFKPK	11	ABV48894 1	hypothetical spore wall protein	0 9828
42	2008-05-07-16 3448 3448 3 out	1754 6	0 406	0 38	1 99	239	0	IIV6	1	M*CDKEM*CDKEMCEK	16	NP_149633 1	170L	0 9985
46	2008-05-07-16 4278 4278 3 out	1774 9	1 337	0 5	1 99	249	0	Nosema	1	GYKDKFISPTDYNVK	15	ABQ69717 1	unknown	0 9974
52	2008-05-07-16 143 143 3 out	1851 9	1 607	0 48	1 99	203	0	IIV6	1	SLSSQIKNGAVEEGYNR	17	NP_149891 1	428L	0 9611
1	2008-05-07-16 1075 1075 1 out	700 5	1 148	0 15	1 96	412	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
49	2008-05-07-16 3417 3417 3 out	1806 9	1 375	0 4	1 89	118	0 693	IIV6	1	PFENKFFIHQCIQR	14	NP_149869 1	406R	0 996
11	2008-05-07-16 1596 1596 2 out	1208 6	1 903	0 26	1 86	415	0	IIV6	1	DVIDIDPFFK	10	NP_149647 1	184R	0 9649
7	2008-05-07-16 1442 1442 2 out	1173 7	1 959	0 27	1 85	230	0 693	IIV6	1	LNNIDSTLKR	10	NP_149886 1	423L	0 9969
15	2008-05-07-16 1969 1969 2 out	1295 6	1 229	0 39	1 85	384	0	DWV|DWV|DWV|DWV	4	SSSTRLSTDDVK	12	NP_853560 2	polyprotein	0 9895
12	2008-05-07-16 3529 3529 2 out	1213 7	1 948	0 28	1 84	254	0	IIV6	1	ELNQILDKIK	10	NP_149916 1	453L	0 9722
44	2008-05-07-16 4108 4108 3 out	1765	0 867	0 44	1 84	142	0	SV	1	DKGDTVTGHLVVTPVVK	17	AAK16277 1	polyprotein	0 9533
76	2008-05-07-16 2804 2804 3 out	2648 4	0 109	0 39	1 83	169	0	Nosema	1	QDISPNPFTKFELAVKPTLDLFK	23	ABQ69717 1	unknown	0 9986
47	2008-05-07-16 3762 3762 3 out	1788	1 472	0 35	1 82	237	0	IIV6	1	ASTTLTREQALKLSLR	16	NP_149748 1	285L	0 9738
68	2008-05-07-16 1813 1813 3 out	2165 1	1 119	0 39	1 82	334	0	Nosema	1	VVEDKNRINVSSSSVSGEMK	20	ABQ69717 1	unknown	0 9984
25	2008-05-07-16 2151 2151 2 out	1433 8	0 552	0 37	1 81	334	0	IIV6	1	TITEFDPPSIVSK	13	NP_149687 1	224L	0 9978
9	2008-05-07-16 3872 3872 2 out	1188 6	0 345	0 31	1 75	206	0 693	Nosema	1	DEQERGITIK	10	AAT72743 1	translation elongation factor 2	0 9794
37	2008-05-07-16 1885 1885 2 out	1714 8	1 778	0 34	1 75	315	0	IIV6	1	NNLPFEDFDFETVK	14	NP_149832 1	369L	0 9983
48	2008-05-07-16 3364 3364 3 out	1789	0 811	0 45	1 75	184	0 693	Nosema	1	GFLLTITDVYSRFTR	15	ABE26651 1	pol polyprotein	0 9983
70	2008-05-07-16 2850 2850 3 out	2275 3	1 662	0 43	1 72	159	0	Nosema|Nosema|Nosem	8	RSTRDVVLIVLNDFSHYLK	19	ABV48889 1	spore wall protein	0 997
14	2008-05-07-16 3719 3719 2 out	1244 7	0 509	0 34	1 71	158	1 099	Nosema	1	LDALSGYHQIK	11	ABE26655 1	pol polyprotein	0 9879
30	2008-05-07-16 2265 2265 2 out	1568 9	0 912	0 31	1 71	183	0	Nosema	1	AILDKIIQLEERK	13	ABE27271 1	unknown	0 9974
67	2008-05-07-16 2268 2268 2 out	2150	1 52	0 43	1 71	25	2 079	Nosema	1	FSSTSSNFVHM*DSITASSTK	21	AAB54170 2	Hypothetical protein C44E4 2	0 9927
29	2008-05-07-16 2922 2922 2 out	1542 8	1 55	0 33	1 7	384	0	Nosema	1	NENIMKYYRAIIK	12	AAB62548 1	glutaminyl-tRNA synthetase	0 9812
31	2008-05-07-16 1327 1327 2 out	1626 9	1 164	0 32	1 7	120	0	IIV6	1	YPKFLNCIKYIPK	13	NP_149608 1	145L	0 9748
27	2008-05-07-16 2664 2664 2 out	1474 7	1 894	0 48	1 67	191	0	IIV6	1	YAKETYPNVDFK	12	NP_149698 1	235L	0 9962
34	2008-05-07-16 1678 1678 3 out	1655 8	0 325	0 46	1 67	131	0	IIV6	1	CNKYHLNVIFYNK	13	NP_149545 1	082L	0 9972
5	2008-05-07-16 3882 3882 2 out	1157 6	0 43	0 39	1 65	226	0	IIV6	1	LNDSPISQKR	10	NP_149891 1	428L	0 9956
72	2008-05-07-16 1904 1904 3 out	2301 2	1 517	0 45	1 65	169	0	IIV6	1	LNEENAILFYEYLVSKKDL	19	NP_149549 1	086R	0 9962
13	2008-05-07-16 3826 3826 2 out	1216 6	1 52	0 31	1 64	260	0	IIV6	1	M*DSLKASSAYK	12	NP_149672 1	209R	0 9886
51	2008-05-07-16 2466 2466 2 out	1840 9	0 341	0 46	1 64	145	0	Nosema	1	IYDISNDDVRRAM*EK	16	ABQ69724 1	unknown	0 9724
74	2008-05-07-16 765 765 3 out	2519 2	0 549	0 4	1 63	147	0	IIV6	1	DLHDDSTGFGWINLKCLNEITK	22	NP_149877 1	414L	0 9797
36	2008-05-07-16 4012 4012 3 out	1667 8	1 809	0 42	1 61	215	0 693	SV	1	LFCNPPIDYIVSMR	14	ABC95163 1	polyprotein	0 9556
4	2008-05-07-16 4164 4164 2 out	1120 7	0 947	0 34	1 6	270	0	IIV6	1	NLTKFIKEK	9	NP_149832 1	369L	0 9892
60	2008-05-07-16 3659 3659 3 out	1961	0 69	0 45	1 6	132	2 197	ABPV	1	PITKLM*CPETVSNNVSIV	19	AAO43637 1	structural protein	0 9978
62	2008-05-07-16 3436 3436 3 out	2016	0 213	0 4	1 57	133	1 609	IIV6	1	LEGQHKEIYEGILTETR	17	NP_149635 1	172L	0 9864
73	2008-05-07-16 1780 1780 3 out	2361 2	0 289	0 56	1 57	117	1 609	Nosema	1	AWVEVSDNTPTQVASQMKKNK	21	ABQ69713 1	Sec61alpha	0 9936
59	2008-05-07-16 2614 2614 2 out	1949 1	0 578	0 36	1 56	118	0	Nosema	1	RFACALVLAARMSEIAAR	18	AAL28056 1	AF406785_5 unknown	0 9968
39	2008-05-07-16 1279 1279 3 out	1724 8	0 093	0 42	1 55	171	0 693	Nosema	1	KNREM*YDNGIDPEK	15	ABV48899 1	hypothetical spore wall protein	1
54	2008-05-07-16 4076 4076 3 out	1881 9	1 721	0 45	1 55	188	0	IIV6	1	QMVADFGKNMYSDFTK	16	NP_149579 1	116L	0 995
75	2008-05-07-16 2491 2492 3 out	2543 4	0 948	0 41	1 55	94	0 693	SV|SV|SV	3	IRPSLIQNVGDLHPVSEPCILDK	23	NP_049374 1	polyprotein	0 9984
71	2008-05-07-16 2496 2496 2 out	2280 1	0 185	0 47	1 54	79	0	IIV6	1	QKVDDTAEWSNLTVVFANDK	20	NP_149475 1	012L	0 9976
58	2008-05-07-16 2214 2214 2 out	1943 9	0 811	0 6	1 53	140	0	IIV6	1	MTINQIMASIMGKTCCAK	18	NP_149891 1	428L	0 9915
16	2008-05-07-16 2062 2062 2 out	1297 8	1 687	0 36	1 52	260	0 693	SV	1	PKDVSSITIIPK	12	AAT45735 1	structural polyprotein	1
2	2008-05-07-16 559 559 1 out	801 4	1 112	0 42	1 5	211	0	IIV6	1	DPILESK	7	NP_149497 1	034R	1
6	2008-05-07-16 962 962 2 out	1158 6	1 204	0 41	1 5	166	0	Nosema	1	NGELLSGILDK	11	ABM26977 1	RNA polymerase II largest subunit	0 9787

Test 63

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
5	2008-05-07-17 1911 1912 2 out	1215 6	1 227	0 37	2 07	657	0	IIV6	1	DLDLDNKNLR	10	NP_149879 1	416R	0 9936
11	2008-05-07-17 1979 1979 3 out	1718 9	1 274	0 34	1 97	242	0	IIV6	1	IILNHEDSEIHTGIK	15	NP_149589 1	126R	0 9919
15	2008-05-07-17 2031 2031 3 out	1779	1 278	0 32	1 93	150	0	IIV6	1	VKGSYYIINRYFQK	14	NP_149758 1	295L	0 9986
14	2008-05-07-17 2001 2001 3 out	1777 8	1 197	0 32	1 88	266	0	IAPV|IAPV	2	M*LNSWM*EECIQYAK	16	YP_001040002 1	polymerase polyprotein	0 9995
18	2008-05-07-17 1763 1763 3 out	1915	1 204	0 4	1 83	229	0	Nosema	1	DELAGTGIEEIIGDKAKR	18	ABY49795 1	hypothetical spore wall protain 13	0 9887
7	2008-05-07-17 1839 1839 2 out	1306 7	0 869	0 33	1 8	276	0	IIV6	1	NLTGGIDNLYAR	12	NP_149647 1	184R	0 9609
6	2008-05-07-17 1016 1016 2 out	1236 7	1 235	0 41	1 79	317	0	IIV6	1	IFVFKNIIDK	10	NP_149561 1	098R	0 983
2	2008-05-07-17 1032 1032 2 out	1116 6	1 409	0 43	1 74	290	0 693	ABPV	1	LSEPLFEPGK	10	NP_066241 1	raplicasa polyprotein	0 9957
3	2008-05-07-17 894 894 2 out	1158 6	1 256	0 47	1 64	251	0	Nosema	1	NGELLSGILDK	11	ABM26977 1	RNA polymerase II largest subunit	0 9985
19	2008-05-07-17 762 762 3 out	1956 1	0 687	0 38	1 64	188	0 693	IIV6	1	FPILFYGFKNNIKINK	16	NP_149571 1	108R	0 9785
9	2008-05-07-17 1168 1168 3 out	1667	1 346	0 48	1 63	183	0	Nosema	1	TSFKIQIGDYILIR	14	ABE26651 1	pol polyprotein	0 9949
13	2008-05-07-17 1878 1878 3 out	1776	0 542	0 39	1 59	262	0	Nosema	1	SEIIKGEYDLVRLIK	15	ABE27273 1	unknown	0 9805
12	2008-05-07-17 744 744 3 out	1737 9	0 709	0 52	1 57	230	0	Nosema	1	IPFGFAYCTLPHFPK	15	ABG91164 1	DNA-dependent RNA polymerase II largest subuni	0 9704
20	2008-05-07-17 1644 1644 3 out	2108 2	0 047	0 45	1 54	95	1 609	Nosema	1	MIPLSAPFSVLTKNFTTIK	19	BAF76326 1	heat shock protein 70	0 999
10	2008-05-07-17 1956 1956 3 out	1675 9	0 057	0 39	1 52	169	0	Nosema	1	VFPDEKRLGPFQDK	14	ABE26649 1	pol polyprotein	0 9578

Test 64

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
4	2008-05-07-18 822 822 2 out	1344 7	1 405	0 31	2	381	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9633
3	2008-05-07-18 810 810 2 out	1302 8	1 974	0 35	1 81	243	0	IIV6	1	MLILNCLQKVK	11	NP_149723 1	260R	0 9961
9	2008-05-07-18 1067 1067 3 out	1926	0 491	0 43	1 73	202	0	IIV6	1	LDSYSLNFVAKHFLGSK	17	NP_149500 1	037L	0 9955
5	2008-05-07-18 1686 1686 3 out	1661 7	0 615	0 36	1 7	118	1 099	IIV6	1	EMNSLQLM*M*EEM*K	16	NP_149701 1	238R	0 9849
2	2008-05-07-18 664 664 2 out	1155 6	0 579	0 28	1 68	474	0	SV|SV|SV|SV|SV	18	FVEATFNTVK	10	NP_049374 1	polyprotein	0 9538
1	2008-05-07-18 1161 1161 1 out	874 6	1 129	0 48	1 63	138	0	IIV6	1	MKTIIIR	7	NP_149530 1	067R	1
7	2008-05-07-18 1871 1871 3 out	1863 8	1 626	0 45	1 61	87	1 386	SV|SV|SV	3	MMQYKSGDRETSFQR	15	AAL79021 1	AF469603_1 polyprotein	0 9997
6	2008-05-07-18 695 695 3 out	1739 9	1 568	0 51	1 51	96	1 609	Nosema	1	NLGLYMPVQWEFSR	14	AAB62548 1	glutaminyl-tRNA synthetase	0 9985

Test 65 – below detection limits

Test 66

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
9	2008-08-01-11.1951.1951.2.out	1229.7	1.762	0.24	2.73	782	0	IIV6	1	EIQLMKNILK	10	NP_149723.1	260R	0.9646
15	2008-08-01-11.1964.1964.2.out	1614.9	1.274	0.38	2.6	691	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9751
12	2008-08-01-11.1667.1667.2.out	1450.6	1.366	0.29	2.46	413	0.693	IIV6	1	M*NDNDDIVEIEK	13	NP_149765.1	302L	0.9708
1	2008-08-01-11.1362.1362.1.out	700.5	1.087	0.23	2.05	410	0	Nosema	1	VXDIIK	6	ABM26977.1	RNA polymerase II largest subunit	1
13	2008-08-01-11.1631.1631.2.out	1534.8	1.75	0.41	2.03	834	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655.1	pol polyprotein	0.9875
5	2008-08-01-11.1417.1417.2.out	1133.7	0.616	0.47	2.02	348	0	IIV6	1	DDYILLLLR	9	NP_149867.1	404L	0.9965
35	2008-08-01-11.2204.2204.3.out	2927.6	0.712	0.41	1.94	135	0.693	IIV6	1	QLVTYHHTMLKVIIQRELWIMFK	23	NP_149894.1	431L	0.972
17	2008-08-01-11.2192.2192.3.out	1671.9	1.894	0.42	1.88	227	0	Nosema	1	CLHMLRGVIPYEIK	14	ABO69719.1	unknown	0.9917
10	2008-08-01-11.2207.2207.2.out	1348.8	0.008	0.48	1.83	776	0	IIV6	1	KFKDILIATGDK	12	NP_149612.1	149L	1
20	2008-08-01-11.1765.1765.3.out	1738.9	0.04	0.52	1.83	236	1.386	Nosema	1	VPYASPAFM*IEKKNK	16	ABE26651.1	pol polyprotein	1
26	2008-08-01-11.1058.1058.3.out	1982.1	1.846	0.43	1.83	173	0	Nosema	1	VDALASRELGGLLARLDGR	19	AAQ91616.1	unknown	0.9879
28	2008-08-01-11.1891.1891.3.out	2042.2	0.319	0.41	1.8	121	0	Nosema	1	IELSQADSTRIKALVELR	18	AAC47660.1	mitochondrial-type HSP70	0.9816
8	2008-08-01-11.1046.1046.2.out	1174.7	1.164	0.5	1.78	274	0	IIV6	1	LDGVSCLIINK	11	NP_149668.1	205R	0.9569
34	2008-08-01-11.1764.1764.3.out	2453.2	1.62	0.37	1.73	321	0	IIV6	1	HGNDSWVIPELCENNQIEISR	21	NP_149642.1	179R	0.9574
14	2008-08-01-11.5460.5461.2.out	1570.9	1.139	0.55	1.72	343	0	IIV6	1	VKSLTESLPTSPLAK	15	NP_149769.1	306R	0.9636
7	2008-08-01-11.2047.2047.2.out	1147.7	0.004	0.39	1.7	336	0	Nosema	1	FNQKQTLIR	9	ABY49796.1	hypothetical spore wall protein 14	0.9964
32	2008-08-01-11.2515.2515.3.out	2101	1.448	0.47	1.67	178	0	Nosema	1	ERYNLVCPKNM*WQYLK	17	ABV48894.1	hypothetical spore wall protein	0.9986
4	2008-08-01-11.2167.2167.2.out	1122.5	0.594	0.43	1.62	207	0	IIV6	1	SLMGNCPSSVK	11	NP_149555.1	092R	0.9758
6	2008-08-01-11.1253.1253.2.out	1146.6	0.133	0.46	1.62	355	0	Nosema	1	LSKEMNRIR	9	ABY49795.1	hypothetical spore wall protein 13	0.9912
25	2008-08-01-11.2135.2135.3.out	1925.8	1.024	0.59	1.6	55	1.792	IIV6	1	M*SDSDYVDYPSYNILK	17	NP_149561.1	098R	0.9817
29	2008-08-01-11.1531.1531.3.out	2071.1	1.353	0.45	1.52	76	0	IIV6	1	QHFINAKLIYNNIIQNK	17	NP_149668.1	205R	0.9564
21	2008-08-01-11.1938.1939.2.out	1763.1	0.402	0.51	1.51	482	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057.1	AF406785_6 calmodulin-dependent protein kinase	1
11	2008-08-01-11.1769.1769.2.out	1399.6	1.576	0.49	1.5	306	0	IIV6	1	FRSDMQESLMR	11	NP_149676.1	213R	0.9691

Test 67

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
16	2008-08-13-07.1676.1676.2.out	1614.9	0.274	0.38	2.47	605	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9904
10	2008-08-13-07.1874.1874.2.out	1285.7	0.282	0.38	2.31	861	0	IIV6	1	EAQKIEKIGNR	11	NP_149612.1	149L	0.993
11	2008-08-13-07.950.950.2.out	1344.7	1.59	0.26	2.19	311	0.693	IIV6	1	IENENNLEEIK	11	NP_149776.1	313L	0.9952
1	2008-08-13-07.1175.1175.1.out	700.5	1.011	0.2	2.07	412	0	Nosema	1	VXDIIK	6	ABM26977.1	RNA polymerase II largest subunit	1
13	2008-08-13-07.1522.1522.2.out	1371.8	0.464	0.32	1.96	281	0	Nosema	1	NNILSLLKESLK	12	ABO69714.1	unknown	0.9939
24	2008-08-13-07.812.812.3.out	2024	1.966	0.53	1.93	256	0	IIV6	1	VDDTAEWSNLTVVFANDK	18	NP_149475.1	012L	0.9697
4	2008-08-13-07.554.554.2.out	1179.5	0.657	0.32	1.89	553	0	Nosema	1	EVECLRAECK	10	ABV48890.1	hypothetical spore wall protein	0.9858
9	2008-08-13-07.1688.1688.2.out	1274.7	0.693	0.32	1.87	251	0	BQCV	1	KVEAYAPKVNR	11	NP_620564.1	nonstructural polyprotein	0.9972
3	2008-08-13-07.1238.1238.2.out	1143.7	0.386	0.35	1.85	310	0.693	Nosema	1	TLVTILADGIK	11	AAL28053.1	AF406785_2 checkpoint protein kinase	0.9567
8	2008-08-13-07.1286.1286.2.out	1264.7	1.76	0.51	1.78	440	0	IIV6	1	INGLIDISEYK	11	NP_149758.1	295L	1
18	2008-08-13-07.1863.1863.2.out	1648.8	0.559	0.36	1.76	209	1.099	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901.1	438L	0.9952
17	2008-08-13-07.1176.1176.2.out	1631.8	0.293	0.37	1.73	148	0.693	IIV6	1	IDADLQGNGM*VEIIK	16	NP_149618.1	155L	0.9909
5	2008-08-13-07.1149.1149.2.out	1179.7	0.347	0.33	1.71	322	0	IIV6	1	PEILPLLTQR	10	NP_149731.1	268L	0.9691
25	2008-08-13-07.1026.1026.3.out	2249.2	0.732	0.57	1.71	186	1.099	IIV6	1	HVHTIHHYLVRNYRYIK	17	NP_149537.1	074R	0.9951
21	2008-08-13-07.1902.1902.3.out	1793.9	0.601	0.42	1.69	207	0	Nosema	1	KTQSDQGTTTKVQEDK	16	ABE26649.1	pol polyprotein	0.951
15	2008-08-13-07.1737.1737.2.out	1532.7	0.486	0.39	1.67	465	0	ABPV	1	NKDEFTKM*CWSK	13	NP_066241.1	replicase polyprotein	0.9931
6	2008-08-13-07.814.814.2.out	1218.7	0.523	0.46	1.63	404	0	Nosema	1	VLGRSIFAVTR	11	AAL28054.1	AF406785_3 pyruvate dehydrogenase E1 alpha subun	1
14	2008-08-13-07.928.928.2.out	1453.7	0.282	0.35	1.62	199	0	IIV6	1	NKEAFRNQQYR	11	NP_149770.1	307L	0.955
7	2008-08-13-07.968.968.2.out	1258.7	0.486	0.4	1.52	227	0	IIV6	1	NKSPLLNESEK	11	NP_149523.1	060L	0.9891

Test 68

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
4	2008-08-13-08.1293.1293.2.out	1156.7	0.469	0.74	3.63	812	0	KBVIKBVIKBVIKBVIKBVIKBV	6	IGPISEVASGVK	12	ABN49472.1	VP4 protein	0.9894
5	2008-08-13-08.1401.1401.2.out	1270.7	0.385	0.5	3.54	1661	0	ABPVIABPVIABPVIABPVIABPVIABPVIKBVIKBVIKBVIKBVIAPV	12	WAEDVVVVEPK	11	NP_066242.1	capsid protein	0.9827
11	2008-08-13-08.1872.1872.3.out	1717.8	0.32	0.56	3.53	932	0	APVIIAPV	2	NMDDTHSIIQFLQR	14	YP_001040003.1	structural polyprotein	0.9996
13	2008-08-13-08.1754.1754.3.out	1733.8	1.281	0.52	3.44	1263	0	APVIIAPV	2	NM*DDTHSIIQFLQR	15	YP_001040003.1	structural polyprotein	0.9961
17	2008-08-13-08.1736.1736.2.out	1790.9	0.267	0.62	3.34	731	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863.1	actin	0.9663
6	2008-08-13-08.1632.1632.2.out	1517.8	0.038	0.69	3.26	991	0	APVIIAPV	2	TITDNWILQANTK	13	YP_001040003.1	structural polyprotein	0.9804
2	2008-08-13-08.1694.1694.2.out	1143.6	0.546	0.61	3.21	918	0	NosemalNosema	2	LAVNMVPFPR	10	AAN35161.1	beta-tubulin	0.9835
24	2008-08-13-08.1786.1786.3.out	2110.1	1.42	0.52	3.02	318	0	Nosema	1	ASLQLKELEMQHNNLVSR	18	AAT12296.1	chromosome segregation protein	0.9986
3	2008-08-13-08.176.177.2.out	1149.6	0.193	0.66	2.74	984	0	APVIIAPV	2	ITSISETENR	10	YP_001040003.1	structural polyprotein	0.9859
8	2008-08-13-08.1959.1959.3.out	1671	1.919	0.4	2.03	139	0.693	Nosema	1	RSVLINGTKQVVDNK	15	ABE26650.1	pol polyprotein	0.9975
1	2008-08-13-08.1186.1186.1.out	700.5	1.092	0.22	2.01	404	0	Nosema	1	VXDIIK	6	ABM26977.1	RNA polymerase II largest subunit	1
26	2008-08-13-08.1068.1068.3.out	2496.1	0.045	0.47	1.97	142	0	Nosema	1	SPDVFDTEAVYEKFKM*CNNDK	22	ABO69725.1	unknown	0.977
19	2008-08-13-08.1390.1390.3.out	1907.9	0.748	0.63	1.94	389	0	APVIIAPV	2	MYLAYSPYDDKVDTAR	16	YP_001040003.1	structural polyprotein	1
12	2008-08-13-08.1061.1061.3.out	1725.9	0.305	0.41	1.74	98	1.386	Nosema	1	IERLM*KYMANLSLK	15	AAF91269.1	20S proteasome alpha 5 subunit	1
27	2008-08-13-08.1188.1188.3.out	2498.3	0.036	0.54	1.67	44	1.386	Nosema	1	M*FGKLFLLLDSVRPDIFSEVR	22	ABV48899.1	hypothetical spore wall protein	0.9944
7	2008-08-13-08.783.783.3.out	1655.9	0.305	0.47	1.57	200	1.386	SV	1	DILVGVEKTLDQLGR	15	AAT45735.1	structural polyprotein	0.9971
18	2008-08-13-08.916.916.3.out	1888.9	0.151	0.43	1.51	69	0.693	IIV6	1	RSDCVFLHPGEKM*PEK	17	NP_149595.1	132L	0.9984

Tast 68A

Sr No	File Nama	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
38	2008-08-13-11 2133 2133 2 out	1790 9	1 374	0 63	4 14	851	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 971
4	2008-08-13-11 1479 1479 2 out	1156 7	0 415	0 71	3 18	893	0	KBV|KBV|KBV|KBV|KBV|KBV	6	IGPISEVASGVK	12	ABN49472 1	VP4 protein	0 9809
26	2008-08-13-11 2111 2111 2 out	1614 9	0 56	0 35	2 88	674	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 982
17	2008-08-13-11 1721 1721 2 out	1384 8	1 544	0 26	2 33	459	0	Nosema	1	QLERINKLEINK	11	ABE26652 1	pol polyprotein	0 9974
42	2008-08-13-11 4014 4014 3 out	1863 8	0 492	0 49	2 32	244	0	SV|SV|SV	3	MMQYKSGDRETSFQR	15	AAL79021 1	AF469603_1 polyprotein	0 9785
13	2008-08-13-11 468 468 2 out	1350 8	0 603	0 34	2 28	617	0	IIV6	1	FLETLLKPFDK	11	NP_149666 1	203L	0 9865
52	2008-08-13-11 549 549 3 out	1987 9	0 871	0 5	2 27	149	0	IIV6	1	DMKFGCHEYIEFGKQR	16	NP_149538 1	075L	0 9772
32	2008-08-13-11 1558 1558 3 out	1729 9	0 635	0 41	2 25	148	0 693	IIV6	1	MEIIIAFFLYLNDK	14	NP_149558 1	095L	0 9723
64	2008-08-13-11 2421 2421 3 out	2189 1	0 062	0 34	2 22	291	1 386	IIV6	1	QVLLHELGHTFGLGHSSDNK	20	NP_149628 1	165R	0 9859
9	2008-08-13-11 1241 1241 2 out	1283 7	0 497	0 32	2 2	394	0	Nosema	1	NYSKSSLIESR	11	ABE26654 1	pol polyprotein	0 9835
21	2008-08-13-11 3094 3094 2 out	1497 8	0 484	0 3	2 17	128	1 386	Nosema	1	NIIFCFKDKELK	12	ABE27265 1	unknown	0 9934
69	2008-08-13-11 2529 2529 3 out	2514 4	0 467	0 39	2 17	152	1 609	IIV6	1	DILIATGDKVLVYAPLKLTDEAR	23	NP_149612 1	149L	0 9968
14	2008-08-13-11 2154 2154 2 out	1374 7	0 187	0 4	2 14	444	0	Nosema	1	EVMRIQAESIAK	12	AAT12295 1	phospholipasa D	0 9938
55	2008-08-13-11 4174 4174 3 out	2000	1 982	0 45	2 1	191	0	IIV6	1	EMNPPDTHAATVGYVNRK	18	NP_149648 1	385L	0 9842
6	2008-08-13-11 426 426 2 out	1209 6	0 471	0 39	2 08	676	0	DWV|DWV|DWV|DWV|Kakugo	5	KLFWCQKEK	9	NP_853560 2	polyprotein	0 9856
20	2008-08-13-11 1529 1529 2 out	1485 9	1 581	0 35	2 08	540	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9654
23	2008-08-13-11 1398 1398 2 out	1526 8	1 492	0 3	2 08	280	0 693	BQCV|BQCV	2	ELSLHDKELWEK	12	NP_620564 1	nonstructural polyprotein	0 9962
24	2008-08-13-11 1409 1409 2 out	1528 8	1 73	0 33	2 05	730	0	KBV|KBV	2	M*IEAFASSDTVTLK	15	NP_851403 1	non-structural polyprotein	0 9586
12	2008-08-13-11 957 957 2 out	1344 7	0 369	0 37	2 02	365	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9673
45	2008-08-13-11 2565 2565 2 out	1947 8	1 848	0 48	1 98	157	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spore wall protein	0 9981
51	2008-08-13-11 636 636 3 out	1979	0 475	0 44	1 97	160	1 099	IIV6	1	EEETNEINYIDQLQK	16	NP_149563 1	100L	0 9913
61	2008-08-13-11 1535 1535 3 out	2111	0 454	0 42	1 96	351	0	Nosema	1	LKESLLDFVSQYYCM*QK	18	AAD12605 1	RNA polymerasa II largest subunit	0 9912
49	2008-08-13-11 4001 4001 3 out	1957 9	0 424	0 44	1 95	325	0 693	DWV|DWV|DWV|DWV|DWV	5	M*EFTDQDKSGNTVKWR	17	ABM64819 1	polyprotein	0 9666
33	2008-08-13-11 1177 1177 2 out	1739	0 365	0 35	1 94	191	0 693	IIV6	1	PKELILCIDGVAPRSK	16	NP_149475 1	012L	0 9784
10	2008-08-13-11 4008 4008 2 out	1285 7	0 454	0 3	1 93	532	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9651
19	2008-08-13-11 1565 1565 2 out	1459 8	0 561	0 37	1 93	326	0	IIV6	1	M*PHYVVVKSPMR	13	NP_149567 1	104L	0 9875
1	2008-08-13-11 688 688 2 out	1106 6	0 537	0 35	1 91	189	1 386	IIV6	1	KSMLKQMLK	9	NP_149751 1	288R	0 9802
29	2008-08-13-11 3568 3568 3 out	1711 8	0 955	0 43	1 88	158	1 099	IIV6	1	ESMEKQYPECLKVK	14	NP_149639 1	176R	0 9908
8	2008-08-13-11 837 837 2 out	1269 6	0 44	0 34	1 87	267	0	SV	1	NLSSEYSSRAR	11	AAK16263 1	polyprotein	0 9889
22	2008-08-13-11 2442 2442 2 out	1498 8	0 342	0 46	1 84	403	0 693	IIV6	1	EIFICYREGIKK	12	NP_149500 1	037L	0 9551
36	2008-08-13-11 424 424 3 out	1763 9	1 932	0 39	1 84	219	0	Nosema	1	TKLITEKCLECQLNK	15	ABE26650 1	pol polyprotein	0 985
71	2008-08-13-11 1787 1787 3 out	2633 2	1 228	0 61	1 83	77	0	Nosema	1	DVCLTSIEKCDSSDNAPLMMFVSK	24	AAT72743 1	translation elongation factor 2	0 9822
5	2008-08-13-11 96 96 2 out	1163 5	0 099	0 35	1 82	232	0	IIV6	1	DGNILM*DANGK	12	NP_149500 1	037L	0 9798
41	2008-08-13-11 1287 1287 3 out	1849	1 158	0 41	1 8	299	0	IIV6	1	LDSKRTGLIMDFNNPK	16	NP_149642 1	179R	0 9909
63	2008-08-13-11 3481 3481 3 out	2168 9	1 683	0 47	1 8	349	0	KBV|KBV	2	YVEGTGYDTVDVSM*QM*WR	20	NP_851403 1	non-structural polyprotein	0 9852
59	2008-08-13-11 4792 4792 3 out	2057	0 555	0 47	1 78	123	1 099	IIV6	1	NSCSVTLTYNDITIQRTK	18	NP_149513 1	050L	0 9863
11	2008-08-13-11 4534 4534 2 out	1303 8	1 14	0 34	1 77	132	0	MSCUT	1	LLDFVEKGRVK	11	ABQ96192 1	vasa	0 9818
67	2008-08-13-11 2782 2782 3 out	2417 3	0 019	0 54	1 77	178	1 099	IIV6	1	LETHITLLLNFFVISDLSDVK	21	NP_149501 1	038R	0 9722
47	2008-08-13-11 4066 4066 3 out	1954	0 512	0 52	1 75	148	1 609	IIV6	1	LDISVEDRAPQPDKNTR	17	NP_149463 1	468L	0 973
25	2008-08-13-11 1374 1374 2 out	1570 8	1 296	0 44	1 73	140	0	Nosema	1	IAKLEGDEYNQYK	13	ABQ69721 1	unknown	0 9912
56	2008-08-13-11 276 276 3 out	2008 1	0 496	0 55	1 73	70	1 946	Nosema	1	NSLNIHLPNLFGRAINSK	18	ABO69717 1	unknown	0 9676
2	2008-08-13-11 937 937 2 out	1138 7	1 994	0 35	1 72	127	0	Nosema	1	WNAPTILVPK	10	ABE26649 1	pol polyprotein	0 9967
50	2008-08-13-11 2352 2352 2 out	1977 1	1 155	0 42	1 71	52	0	IIV6	1	NEKTSIITEMATIELRK	17	NP_149672 1	209R	0 9958
27	2008-08-13-11 428 428 3 out	1655 9	0 239	0 44	1 69	158	0	SV	1	DILVGVEKTLDQLGR	15	AAT45735 1	structural polyprotein	0 9801
68	2008-08-13-11 2370 2370 3 out	2497 1	1 744	0 45	1 67	262	0	Nosema	1	M*CVDYRALNSVTTRDSYM*SPR	23	ABE26654 1	pol polyprotein	0 9909
34	2008-08-13-11 3790 3790 3 out	1745	1 322	0 45	1 66	69	2 996	IIV6	1	LIFYIVTKEKSYLK	14	NP_149495 1	032R	0 9547
53	2008-08-13-11 4192 4192 3 out	1996 2	1 385	0 39	1 66	249	0	IIV6	1	NIVKIEDEVVRLLNITK	17	NP_149513 1	050L	0 9913
54	2008-08-13-11 1397 1397 3 out	1998	1 026	0 4	1 64	460	0	Nosema	1	SNDVTEKEDINSLYDKK	17	ABE27266 1	unknown	0 988
58	2008-08-13-11 699 699 3 out	2012 1	0 813	0 54	1 64	192	0	Nosema	1	NT*KEIFKTEIGENLFK	17	ABQ69725 1	unknown	0 9882
3	2008-08-13-11 298 298 2 out	1147 6	0 514	0 45	1 59	150	1 792	Nosema	1	LYPGTEAGLVK	11	AAT12296 1	chromosome segregation protein	0 9877
62	2008-08-13-11 2766 2766 3 out	2145 1	0 988	0 42	1 59	139	0 693	IIV6	1	EEDTQKIDVLIDQNEDLK	18	NP_149611 1	148R	0 9805
37	2008-08-13-11 2305 2305 2 out	1767	0 394	0 43	1 58	130	0	IIV6	1	M*KIFTFYFLKIDGK	15	NP_149715 1	252L	0 9965
57	2008-08-13-11 1720 1720 3 out	2012	0 599	0 44	1 58	220	0	SV	1	LSSGGIGRNQSSEYSSRAR	19	AAK16260 1	polyprotein	0 9898
70	2008-08-13-11 3448 3448 3 out	2587 2	0 48	0 48	1 58	175	0	Nosema	1	TVCEGEVMEEGHTGCGNKQPLIKK	24	ABM26979 1	RNA polymarasa II largest subunit	0 9875
44	2008-08-13-11 2281 2281 2 out	1917	0 74	0 43	1 57	80	0 693	Nosema	1	FIVLATDYFTKWVEGK	16	ABE26649 1	pol polyprotein	0 9889
60	2008-08-13-11 4426 4426 3 out	2057 1	0 724	0 45	1 57	216	0	IIV6	1	IDADLQGNGM*VEIIKALIK	20	NP_149618 1	155L	0 9917
39	2008-08-13-11 365 365 3 out	1834 9	0 694	0 44	1 56	82	1 609	BQCV	1	VEGSNGVPEAYESKVNR	17	NP_620564 1	nonstructural polyprotein	0 9848
15	2008-08-13-11 816 816 2 out	1375 7	0 367	0 47	1 55	200	0 693	IIV6	1	QNDSFINPKLIS	12	NP_149928 1	465R	0 987
16	2008-08-13-11 3329 3329 2 out	1377 7	1 49	0 41	1 55	145	0	IIV6	1	LISLDDEGTRCR	12	NP_149800 1	337L	0 9595
18	2008-08-13-11 4447 4447 2 out	1413 8	0 638	0 39	1 55	158	0	Nosema|Nosema|Nosema	3	YYDIGLDSVIKK	12	ABM26981 1	RNA polymerase II largest subunit	0 9948
30	2008-08-13-11 3901 3901 3 out	1712 1	0 48	0 44	1 51	294	0	IIV6	1	IIIIHKIILYRGPY	14	NP_149680 1	217L	0 9781
66	2008-08-13-11 2760 2760 3 out	2382 3	1 64	0 48	1 5	272	0	IIV6	1	M*IEIPLWNKINADQDVLIIK	21	NP_149714 1	251L	0 953

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Sr No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
5	2008-08-13-09 1676 1676 2 out	1517 8	0 412	0 71	4 16	1514	0	IAPV|IAPV	2	TITDNWILQANTK	13	YP_001040003 1	structural polyprotein	0 9899
6	2008-08-13-09 1929 1929 3 out	1717 8	0 664	0 55	3 75	927	0	IAPV|IAPV	2	NMDDTHSIIQFLQR	14	YP_001040003 1	structural polyprotein	0 9961
8	2008-08-13-09 1809 1809 3 out	1733 8	0 885	0 6	3 28	544	0	IAPV|IAPV	2	NM*DDTHSIIQFLQR	15	YP_001040003 1	structural polyprotein	0 9978
3	2008-08-13-09 1322 1322 2 out	1156 7	0 146	0 76	2 99	675	0	KBV|KBV|KBV|KBV|KBV	6	IGPISEVASGVK	12	ABN49472 1	VP4 protein	0 98
2	2008-08-13-09 65 65 2 out	1149 6	0 482	0 69	2 78	969	0	IAPV|IAPV	2	ITSISETENR	10	YP_001040003 1	structural polyprotein	0 9702
4	2008-08-13-09 2733 2733 2 out	1515 7	1 443	0 69	2 63	535	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9938
15	2008-08-13-09 1521 1521 3 out	1827 9	0 643	0 31	2 36	457	0	IIV6	1	ENKNLFIPDTDPPLSK	16	NP_149750 1	287R	0 9965
20	2008-08-13-09 1846 1846 3 out	2110 1	1 484	0 37	2 19	344	0	Nosema	1	ASLQLKELEMQHNNLVSR	18	AAT12296 1	chromosoma segregation protein	0 9899
29	2008-08-13-09 2159 2159 3 out	2544 3	1 36	0 51	2 12	154	0	ABPV|ABPV	2	PITKLMCPETVSNNVSIVVVWKW	22	AAO74623 1	capsid protein	0 9988
16	2008-08-13-09 1690 1690 3 out	1857	1 258	0 37	2 11	442	0	IIV6	1	ASASIGACMKGVFIIFNK	18	NP_149833 1	370R	0 9916
1	2008-08-13-09 1192 1192 1 out	700 5	1 05	0 2	2 08	418	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
28	2008-08-13-09 1077 1077 3 out	2496 1	0 116	0 51	2 03	134	0	Nosema	1	SPDVFDTEAVYEKFKM*CNNDK	22	ABO69725 1	unknown	0 9935
14	2008-08-13-09 314 314 3 out	1795 9	1 489	0 47	2 01	167	1 792	Nosema	1	NKLDCKFEGPYQIIK	15	ABE26648 1	pol polyprotein	0 9987
7	2008-08-13-09 4642 4642 3 out	1726 9	1 055	0 51	1 95	208	0 693	IIV6	1	GLGTTKHEDVPKIFGK	16	NP_149508 1	045L	1
17	2008-08-13-09 1088 1088 3 out	1986 9	1 954	0 36	1 93	196	0 693	Nosema	1	AEVRSM*TETSM*NQETIK	19	ABE26654 1	pol polyprotein	0 9918
25	2008-08-13-09 1955 1955 3 out	2361 2	1 666	0 52	1 74	263	0	Nosema	1	AWVEVSDNTPTQVASQMKKNK	21	ABO69713 1	Sec61alpha	0 9988
13	2008-08-13-09 1172 1172 3 out	1784 9	0 19	0 39	1 73	94	2 079	Nosema	1	IFENIVMGFSGISGDAK	17	AAF91269 1	20S proteasome alpha 5 subunit	0 9999
21	2008-08-13-09 2024 2024 3 out	2124 1	1 887	0 52	1 68	69	1 099	Nosema	1	TGYCPVMDLGSHHVPAKIAK	20	AAS16360 1	translation elongation factor 1 alpha	0 9995
27	2008-08-13-09 1848 1848 3 out	2419 4	1 892	0 44	1 68	254	0	Nosema	1	KLMVAGGIVIVVVAVTVSAVVFFT	24	ABV48892 1	hypothetical spore wall protein	0 9902
11	2008-08-13-09 1379 1379 3 out	1776 9	1 16	0 4	1 63	279	0	IIV6	1	EDNFNTVGGSKIVVIGK	17	NP_149538 1	075L	0 9989
26	2008-08-13-09 1632 1632 3 out	2398 1	1 587	0 46	1 63	229	0	IIV6	1	YM*YYTCGKDGNILMDANGKPK	22	NP_149500 1	037L	0 9975
23	2008-08-13-09 1030 1030 3 out	2249 2	0 607	0 41	1 62	192	0	IIV6	1	HVHTIHHYLVRNYRYIK	17	NP_149537 1	074R	1
24	2008-08-13-09 1930 1930 3 out	2334 2	1 397	0 46	1 62	80	0	IIV6	1	HPTLKDDQIYDSYLAEKGLK	20	NP_149618 1	155L	0 994
18	2008-08-13-09 1516 1516 3 out	2058	0 46	0 43	1 57	278	0	Nosema	1	VVENYVSSDVDIICEAM*R	19	AAB54170 2	Hypothetical protein C44E4 2	0 9963

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Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
38	2008-08-15-01.1989.1989.2.out	1790.9	0.003	0.67	3.16	698	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863.1	actin	0.9952
15	2008-08-15-01.1449.1449.2.out	1156.7	0.084	0.68	2.83	702	0	KBV|KBV|KBV|KBV|KBV|KBV	6	IGPISEVASGVK	12	ABN49472.1	VP4 protein	1
35	2008-08-15-01.2061.2061.2.out	1614.9	0.606	0.38	2.82	722	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9505
37	2008-08-15-01.1526.1526.3.out	1776.9	1.226	0.58	2.27	204	0	Nosema	1	MVCEDCNNRQPVIKK	15	AAD12605.1	RNA polymerase II largest subunit	0.9786
8	2008-08-15-01.682.682.2.out	998.6	1.484	0.38	2.22	368	0	IIV6	1	IELLNQIR	8	NP_149777.1	314L	0.9784
21	2008-08-15-01.944.944.2.out	1344.7	1.63	0.28	2.15	305	0	IIV6	1	IENENNLEEIK	11	NP_149776.1	313L	0.9925
29	2008-08-15-01.1014.1014.3.out	1495.8	0.377	0.3	2.01	219	0.693	IIV6	1	TKSVSLVYEDLNK	13	NP_149848.1	385L	0.9766
11	2008-08-15-01.1066.1066.2.out	1074.5	1.11	0.34	1.99	450	0	Nosema	1	ENNVADGLSR	10	ABE26651.1	pol polyprotein	0.9846
28	2008-08-15-01.552.552.3.out	1469.7	1.257	0.48	1.98	305	0	Nosema	1	DFDGESIAAIIYR	13	AAB54170.2	Hypothetical protein C44E4.2	0.9989
13	2008-08-15-01.2032.2032.2.out	1102.7	0.571	0.5	1.95	539	0	Nosema	1	PLKSIILYR	9	ABO69724.1	unknown	0.9849
31	2008-08-15-01.2834.2834.3.out	1515.7	0.719	0.56	1.95	394	0	Nosema	1	IWHHTFYNELR	11	AAB86863.1	actin	0.9928
36	2008-08-15-01.2192.2192.2.out	1648.8	0.608	0.35	1.95	190	0.693	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901.1	438L	0.9692
1	2008-08-15-01.1282.1282.2.out	700.5	0.352	0.33	1.94	365	0	Nosema	1	VXDIIK	6	ABM26977.1	RNA polymerase II largest subunit	0.9967
9	2008-08-15-01.860.860.2.out	1016.5	1.294	0.31	1.84	249	0	IIV6	1	FMKNFDSK	8	NP_149843.1	380R	0.9627
10	2008-08-15-01.1181.1181.3.out	1070.6	0.625	0.33	1.83	404	0	IIV6	1	LLWDWLPK	8	NP_149515.1	052R	0.9736
16	2008-08-15-01.1996.1996.2.out	1229.7	0.993	0.4	1.83	494	0	IIV6	1	EIQLMKNILK	10	NP_149723.1	260R	0.971
14	2008-08-15-01.1946.1946.2.out	1143.6	0.712	0.54	1.82	779	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161.1	beta-tubulin	0.9943
46	2008-08-15-01.2098.2098.3.out	2169.2	1.664	0.34	1.79	360	0	IIV6	1	IDADLQGNGMVEIIKALIKK	20	NP_149618.1	155L	0.9949
30	2008-08-15-01.2387.2387.2.out	1500.7	0.567	0.45	1.73	225	0	IIV6	1	DDM*AASYLEGKER	14	NP_149635.1	172L	0.9928
7	2008-08-15-01.370.370.2.out	997.6	0.61	0.37	1.7	196	0.693	Nosema	1	HFGVRLLR	8	AAU11093.1	unknown	0.9823
48	2008-08-15-01.2481.2481.3.out	2332.1	1.829	0.48	1.7	373	0	IIV6	1	M*NNYSLLEDNPESPYFGVVK	21	NP_149891.1	428L	0.9765
2	2008-08-15-01.1332.1332.2.out	764.4	0.61	0.38	1.68	358	0	IIV6	1	NAIFATK	7	NP_149829.1	366R	1
17	2008-08-15-01.1454.1454.2.out	1264.7	1.029	0.57	1.66	337	0	IIV6	1	INGLIDISEYK	11	NP_149758.1	295L	0.9923
24	2008-08-15-01.695.695.3.out	1388.6	1.4	0.46	1.66	50	2.485	IIV6	1	DFSGFSGGGMIGEK	14	NP_149722.1	259R	0.9989
6	2008-08-15-01.64.64.2.out	940.6	0.634	0.37	1.61	247	0	IIV6	1	EVVLKKPK	8	NP_149902.1	439L	0.957
34	2008-08-15-01.1006.1006.3.out	1604.9	0.177	0.4	1.61	114	0	KBV|KBV|KBV|KBV	4	LEIFFEPGSIPTVR	14	YP_308662.1	VP2	0.9993
41	2008-08-15-01.1472.1472.3.out	1965.1	0.89	0.37	1.6	253	0	IIV6	1	EAPVKLCDALLPVVNNNR	18	NP_149647.1	184R	0.9991
19	2008-08-15-01.1955.1955.2.out	1297.8	0.454	0.42	1.56	465	0	IIV6	1	VQIAKIPIM*LR	12	NP_149891.1	428L	0.9757
23	2008-08-15-01.416.416.3.out	1385.7	1.493	0.44	1.54	119	0.693	Nosema|Nosema	2	ISDQFSVMFRR	11	AAN35161.1	beta-tubulin	0.9609
32	2008-08-15-01.3090.3090.3.out	1562.8	0.407	0.38	1.54	166	0	IIV6	1	GFFCLGSALTFLMR	14	NP_149562.1	099L	0.9886
25	2008-08-15-01.2766.2766.3.out	1406.8	1.121	0.43	1.53	90	0.693	IIV6	1	TFRTIILDHYK	11	NP_149485.1	022L	0.9642
45	2008-08-15-01.2246.2246.3.out	2097.1	1.442	0.45	1.53	111	0	IIV6	1	ENVFKNCFTVVILDQSLK	18	NP_149798.1	335L	0.97
42	2008-08-15-01.1538.1538.3.out	1969	1.912	0.37	1.52	244	0	IIV6	1	RSLFSCLM*SLISTPIER	18	NP_149465.1	002R	0.9831

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Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
13	2008-08-15-02.1444.1444.2.out	1156.7	0.575	0.76	3.53	838	0	KBV|KBV|KBV|KBV|KBV|K	6	IGPISEVASGVK	12	ABN49472.1	VP4 protein	1
50	2008-08-15-02.1982.1982.2.out	1790.9	0.311	0.66	3.52	716	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863.1	actin	0.9914
45	2008-08-15-02.2058.2058.2.out	1614.9	1.276	0.47	3.45	857	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9907
52	2008-08-15-02.1648.1648.3.out	1827.9	1.205	0.45	2.54	445	0	IIV6	1	ENKNLFIPDTDPPLSK	16	NP_149750.1	287R	0.9814
1	2008-08-15-02.183.183.2.out	783.5	0.029	0.36	2.33	592	0	IAPV|IAPV	2	HVLTWK	6	YP_001040003.1	structural polyprotein	0.9959
25	2008-08-15-02.974.974.2.out	1344.7	1.595	0.26	2.3	307	0.693	IIV6	1	IENENNLEEIK	11	NP_149776.1	313L	0.9935
38	2008-08-15-02.2604.2604.3.out	1515.7	0.78	0.53	2.29	513	0	Nosema	1	IWHHTFYNELR	11	AAB86863.1	actin	0.9748
29	2008-08-15-02.3150.3150.3.out	1384.7	0.824	0.33	2.22	212	0.693	KBV|KBV	2	GM*PEFPTIYVSK	13	NP_851403.1	non-structural polyprotein	0.9882
22	2008-08-15-02.2087.2087.2.out	1268.6	1.638	0.43	2.2	355	0.693	IIV6	1	DKMQIYVEDK	10	NP_149676.1	213R	0.9609
8	2008-08-15-02.880.880.2.out	1000.6	0.504	0.41	2.14	276	0	Nosema	1	EVAVATAIVK	10	ABE26648.1	pol polyprotein	0.9918
46	2008-08-15-02.1754.1755.2.out	1630.8	0.754	0.34	2.13	445	0	IIV6	1	QENMLIESHNM*LR	14	NP_149463.1	468L	0.9874
41	2008-08-15-02.2351.2351.2.out	1579.9	0.532	0.29	2.02	698	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770.1	307L	0.9956
5	2008-08-15-02.959.959.2.out	928.6	0.828	0.25	2.01	376	0	IIV6	1	AILRLNTK	8	NP_149883.1	420R	0.9956
37	2008-08-15-02.418.418.3.out	1500.7	0.345	0.51	1.99	336	0	Nosema	1	ELVTSDENM*KYR	13	ABY49795.1	hypothetical spore wall protein 13	0.9553
34	2008-08-15-02.916.916.2.out	1447.8	0.457	0.27	1.97	333	0	IIV6	1	RFSGVTDVNIVIK	13	NP_149699.1	236L	0.9826
15	2008-08-15-02.12.12.2.out	1171.6	1.876	0.59	1.94	338	0	Nosema	1	HKGVMVGMGQK	11	AAB86863.1	actin	0.9976
49	2008-08-15-02.1259.1259.3.out	1784.9	0.551	0.38	1.89	112	1.609	Nosema	1	IFENIVMGFSGISGDAK	17	AAF91269.1	20S proteasome alpha 5 subunit	0.9796
6	2008-08-15-02.588.588.2.out	943.5	1.374	0.34	1.88	289	0	IIV6	1	IILDDNLK	8	NP_149769.1	306R	0.9921
39	2008-08-15-02.2160.2160.2.out	1524.9	1.368	0.33	1.88	458	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859.1	396L	0.9973
54	2008-08-15-02.2337.2337.2.out	1947.8	1.607	0.47	1.85	163	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900.1	hypothetical spore wall protein	0.9968
4	2008-08-15-02.1666.1666.2.out	880.5	1.635	0.35	1.82	281	0	IIV6	1	NFVKMNK	7	NP_149902.1	439L	0.9933
7	2008-08-15-02.372.372.2.out	989.5	0.101	0.28	1.82	617	0	IIV6	1	DKKLNESR	8	NP_149639.1	176R	0.9924
11	2008-08-15-02.1174.1174.2.out	1070.6	0.989	0.35	1.82	628	0	IIV6	1	LLWDWLPK	8	NP_149515.1	052R	0.9776
57	2008-08-15-02.2823.2823.3.out	2320.2	1.947	0.41	1.79	144	0	IIV6	1	EHKLDSYSLNFVAKHFLGSK	20	NP_149500.1	037L	0.9542
30	2008-08-15-02.1990.1990.2.out	1384.8	0.466	0.37	1.78	389	0.693	IIV6	1	FVGADVVLLEPII	13	NP_149910.1	447L	0.991
9	2008-08-15-02.2075.2075.2.out	1032.6	0.666	0.34	1.76	264	0	VDV1	1	LDMGTLNIR	9	ACF24764.1	polyprotein	0.9578
56	2008-08-15-02.2097.2097.3.out	2169.2	0.316	0.42	1.75	361	0	IIV6	1	IDADLQGNGMVEIIKALIKK	20	NP_149618.1	155L	0.9801
2	2008-08-15-02.131.131.2.out	789.5	0.282	0.35	1.74	238	0	Nosema	1	KSIEKGK	7	ABE26653.1	pol polyprotein	0.9831
35	2008-08-15-02.2090.2090.2.out	1458.8	1.176	0.34	1.7	81	0	IIV6	1	QTRVTLNEEIQK	12	NP_149561.1	098R	0.9779
43	2008-08-15-02.1488.1488.2.out	1596.8	0.44	0.49	1.69	145	0	Nosema	1	EARFNEIKSEM*AR	14	BAC15534.1	elongation factor 1 alpha	0.9624
28	2008-08-15-02.2112.2112.2.out	1380.6	0.517	0.37	1.68	101	0.693	IIV6	1	MLYYCYFHLK	10	NP_149766.1	303R	0.9667
16	2008-08-15-02.2493.2493.2.out	1178.6	0.683	0.39	1.67	248	0	ABPV|ABPV|ABPV|ABPV	4	NVTM*QINSKK	11	NP_066242.1	capsid protein	0.9786
20	2008-08-15-02.654.654.3.out	1244.7	1.091	0.4	1.67	210	0	IIV6	1	EMLLLPNESAK	11	NP_149674.1	211L	0.9752
19	2008-08-15-02.1599.1599.2.out	1228.7	0.359	0.51	1.66	365	0	IIV6	1	RIKQGEWLAK	10	NP_149624.1	161L	0.9777
26	2008-08-15-02.1677.1677.2.out	1366.7	1.415	0.36	1.61	512	0	IIV6	1	INLVLFDHHCR	11	NP_149818.1	355R	1
40	2008-08-15-02.1257.1257.2.out	1559.8	1.544	0.42	1.61	80	1.386	IIV6	1	M*DETQQLLYKFK	13	NP_149668.1	205R	0.994
33	2008-08-15-02.2147.2147.2.out	1429.6	0.983	0.41	1.6	244	0	IIV6	1	RTETTIDEM*CSK	13	NP_149633.1	170L	0.9675
44	2008-08-15-02.2274.2274.3.out	1604.9	1.959	0.47	1.57	149	0.693	IIV6	1	DLWQRILETRM*K	13	NP_149548.1	085L	0.988
53	2008-08-15-02.2340.2340.2.out	1911.9	0.642	0.4	1.56	239	0	SV|SV|SV	3	MENIRAGMYDAEVGSLR	17	NP_049374.1	polyprotein	0.9575
36	2008-08-15-02.1473.1473.2.out	1485.9	0.305	0.5	1.55	520	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296.1	chromosome segregation protein	0.9874
21	2008-08-15-02.1433.1433.2.out	1264.7	0.45	0.53	1.54	421	0	IIV6	1	INGLIDISEYK	11	NP_149758.1	295L	0.9977
47	2008-08-15-02.1983.1983.2.out	1763.1	0.419	0.45	1.53	310	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057.1	AF406785_6 calmodulin-dependent protein kinase	0.9975

Test 70

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
43	2008-08-18-01 1491 1491 2 out	1156 7	0 063	0 68	2 78	694	0	KBV|KBV|KBV|KBV|KBV|	6	IGPISEVASGVK	12	ABN49472 1	VP4 protein	1
80	2008-08-18-01 2114 2114 2 out	1614 9	0 412	0 28	2 26	757	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9808
77	2008-08-18-01 2476 2477 2 out	1579 9	0	0 51	2 2	760	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770 1	307L	0 9893
22	2008-08-18-01 743 743 2 out	928 6	0 764	0 22	2 14	308	0	IIV6	1	AILRLNTK	8	NP_149883 1	420R	0 9894
62	2008-08-18-01 803 803 2 out	1344 7	1 447	0 3	2 09	320	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9574
68	2008-08-18-01 1308 1308 2 out	1475 6	0 824	0 23	2 08	442	1 386	IIV6	1	EMNNTCSSGYLTR	13	NP_149930 1	467R	0 9915
11	2008-08-18-01 857 857 2 out	801 5	0 638	0 26	2 06	623	0	BQCV	1	DLDLVVK	7	NP_620564 1	nonstructural polyprotein	0 9751
83	2008-08-18-01 2375 2375 2 out	1648 8	0 373	0 39	2 06	311	0	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0 954
94	2008-08-18-01 2204 2204 2 out	2169 2	1 337	0 59	2 05	137	1 099	IIV6	1	IDADLQGNGMVEIIKALIKK	20	NP_149618 1	155L	0 9685
8	2008-08-18-01 26 26 2 out	778 4	0 702	0 15	2 01	163	1 792	Nosema|Nosema|Nosema	3	KLDM*GAK	8	ABM26981 1	RNA polymerase II largest subunit	0 9863
79	2008-08-18-01 2913 2913 2 out	1613	1 693	0 34	2	297	0	IIV6	1	IVVIGKAGTGKSTLIR	16	NP_149538 1	075L	0 9726
66	2008-08-18-01 2712 2712 2 out	1426 7	1 648	0 53	1 96	228	0	IIV6	1	SIDLIMYEVSEK	12	NP_149485 1	022L	0 9673
72	2008-08-18-01 2847 2847 3 out	1515 7	0 619	0 62	1 95	719	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9611
23	2008-08-18-01 1137 1137 2 out	930 5	0 29	0 48	1 94	390	0	IIV6	1	EAIDILEK	8	NP_149624 1	161L	0 9864
27	2008-08-18-01 1485 1485 2 out	992 7	1 441	0 38	1 94	261	0 693	Nosema	1	LLLSKYKK	8	ABQ69722 1	unknown	0 9956
1	2008-08-18-01 1234 1234 1 out	700 5	1 059	0 14	1 89	405	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
3	2008-08-18-01 663 663 2 out	718 4	0 871	0 37	1 88	327	0	IIV6	1	QTINDK	6	NP_149843 1	380R	0 9887
73	2008-08-18-01 2276 2277 2 out	1524 9	1 764	0 39	1 85	406	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859 1	396L	0 9879
56	2008-08-18-01 1496 1497 2 out	1264 7	0 64	0 48	1 81	367	0	IIV6	1	INGLIDISEYK	11	NP_149758 1	295L	0 9975
35	2008-08-18-01 2109 2109 2 out	1102 7	0 469	0 45	1 78	539	0	Nosema	1	PLKSIILYR	9	ABQ69724 1	unknown	0 9892
33	2008-08-18-01 870 870 2 out	1074 4	0 249	0 18	1 76	172	0 693	IIV6	1	MMKNM*EM*K	10	NP_149838 1	375R	0 9935
29	2008-08-18-01 2105 2105 2 out	1027 5	1 398	0 3	1 75	664	0	IIV6	1	YKPYVTEK	8	NP_149475 1	012L	0 9951
48	2008-08-18-01 2140 2140 2 out	1205 7	0 865	0 27	1 75	242	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	1
59	2008-08-18-01 2312 2312 2 out	1285 7	1 174	0 42	1 75	1251	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9922
82	2008-08-18-01 1310 1310 2 out	1631 8	0 498	0 41	1 75	155	0 693	IIV6	1	IDADLQGNGM*VEIIK	16	NP_149618 1	155L	0 9906
74	2008-08-18-01 1649 1649 2 out	1534 8	0 523	0 39	1 73	737	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655 1	pol polyprotein	0 9919
14	2008-08-18-01 702 702 2 out	839 4	1 827	0 2	1 71	289	0 693	KBV|KBV	2	EGYSKQK	7	NP_851403 1	non-structural polyprotein	0 9589
9	2008-08-18-01 320 320 2 out	781 4	1 768	0 2	1 7	747	0	IIV6	1	FINM*LK	7	NP_149674 1	211L	0 9773
32	2008-08-18-01 1415 1415 2 out	1071 6	0 262	0 27	1 68	445	0	IIV6	1	GKVEIFHNK	9	NP_149917 1	454R	0 9931
52	2008-08-18-01 1928 1928 2 out	1234 7	0 245	0 24	1 68	645	0	Nosema	1	YPTLVSKVLSK	11	ABE26653 1	pol polyprotein	0 9607
70	2008-08-18-01 2368 2368 2 out	1507 9	1 379	0 23	1 68	102	0	Nosema	1	IMIPKFSFINGLK	13	ABY49796 1	hypothetical spore wall protein 14	0 9953
89	2008-08-18-01 2440 2440 2 out	1947 8	1 584	0 48	1 68	151	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spore wall protein	0 9827
55	2008-08-18-01 948 948 2 out	1258 7	0 74	0 42	1 67	273	0	IIV6	1	NKSPLLNESEK	11	NP_149523 1	060L	0 9881
7	2008-08-18-01 431 431 2 out	757 5	0 325	0 21	1 65	346	0	Nosema	1	INELIR	6	ABQ69723 1	unknown	0 9711
25	2008-08-18-01 2075 2075 2 out	947 5	0 229	0 34	1 64	465	0 693	Nosema	1	NFIPDVSR	8	ABE26651 1	pol polyprotein	0 9958
37	2008-08-18-01 1456 1456 2 out	1113 7	1 077	0 24	1 64	236	0	IIV6	1	FIHLLTNKK	9	NP_149485 1	022L	0 9949
69	2008-08-18-01 2490 2490 2 out	1500 7	0 586	0 46	1 63	271	0	IIV6	1	DDM*AASYLEGKER	14	NP_149635 1	172L	0 9938
58	2008-08-18-01 2091 2091 2 out	1270 8	0 35	0 29	1 62	278	0	Nosema	1	NINTVKEVLIK	11	ABV48897 1	hypothetical spore wall protein	0 9974
76	2008-08-18-01 2415 2415 2 out	1559 8	0 13	0 25	1 62	170	0	IIV6	1	M*DETQQLLYKFK	13	NP_149668 1	205R	0 9608
78	2008-08-18-01 1556 1556 2 out	1596 8	0 583	0 45	1 61	105	0	Nosema	1	EARFNEIKSEM*AR	14	BAC15534 1	elongation factor 1 alpha	0 9683
42	2008-08-18-01 1092 1092 2 out	1146 6	0 035	0 29	1 6	430	0	Nosema	1	LSKEMNRIR	9	ABY49795 1	hypothetical spore wall protein 13	0 9864
47	2008-08-18-01 1799 1799 2 out	1195 7	1 273	0 38	1 58	120	0	IIV6	1	KFITENKTSK	10	NP_149525 1	062L	0 9698
41	2008-08-18-01 2048 2048 2 out	1145 6	1 575	0 31	1 56	256	0 693	Nosema	1	EGKKNNLQSK	10	ABM26979 1	RNA polymerase II largest subunit	0 9847
85	2008-08-18-01 2124 2124 2 out	1693 9	0 482	0 35	1 55	336	0	Nosema	1	VGNLQYMRSKIDAAK	15	AAT12296 1	chromosome segregation protein	0 97
46	2008-08-18-01 1223 1223 3 out	1190 6	0 632	0 45	1 54	146	1 099	Nosema	1	NELQAFIDIK	10	ABE27268 1	unknown	0 9968
51	2008-08-18-01 1673 1673 2 out	1228 7	0 51	0 35	1 53	239	0	IIV6	1	RIKQGEWLAK	10	NP_149624 1	161L	1
87	2008-08-18-01 2219 2219 2 out	1746 8	0 148	0 39	1 53	186	0 693	IIV6	1	NCQEKETIYSDNFR	14	NP_149500 1	037L	0 9946
26	2008-08-18-01 2819 2819 2 out	953 5	0 02	0 45	1 52	217	0	IIV6	1	NQKSVFCK	8	NP_149485 1	022L	0 9861
63	2008-08-18-01 2259 2259 2 out	1355 7	1 616	0 28	1 52	94	1 099	IIV6	1	QLSVDSSVETYK	12	NP_149530 1	067R	1
6	2008-08-18-01 918 918 2 out	736 5	0 527	0 52	1 51	194	0	IIV6	1	IIIIHK	6	NP_149680 1	217L	0 9502

Test 70

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
48	2008-08-18-02 2676 2676 3 out	1515 7	0 831	0 52	2 95	654	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9588
22	2008-08-18-02 95 95 2 out	1171 6	0 589	0 64	2 76	734	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9926
41	2008-08-18-02 2022 2022 2 out	1384 8	1 369	0 23	2 5	391	0	IIV6	1	FVGADVVLLEPII	13	NP_149910 1	447L	0 9809
4	2008-08-18-02 327 327 2 out	783 5	0 257	0 45	2 28	583	0	IAPV|IAPV	2	HVLTWK	6	YP_001040003 1	structural polyprotein	0 9767
31	2008-08-18-02 2838 2838 2 out	1269 6	0 694	0 17	2 26	325	0	Nosema	1	GGMREYCVRAK	11	AAB62549 1	glutamyl-tRNA synthetase	0 9921
57	2008-08-18-02 2163 2163 2 out	1614 9	0 43	0 27	2 16	385	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9649
56	2008-08-18-02 2925 2925 3 out	1611 9	1 068	0 54	2 15	568	0	IIV6	1	IVREAEVIERELR	13	NP_149695 1	232R	0 9779
30	2008-08-18-02 2207 2207 2 out	1268 6	1 596	0 32	2 13	420	0 693	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9853
39	2008-08-18-02 1056 1056 2 out	1344 7	1 536	0 3	2 1	478	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9897
21	2008-08-18-02 1084 1084 2 out	1164 5	0 633	0 22	2 06	504	0	Nosema	1	NDCLTIEDNK	10	ABY49795 1	hypothetical spore wall protein 13	0 9872
70	2008-08-18-02 2208 2208 2 out	2169 2	1 319	0 64	2 04	246	0	IIV6	1	IDADLQGNGMVEIIKALIKK	20	NP_149618 1	155L	0 952
1	2008-08-18-02 1288 1288 1 out	700 5	1 036	0 22	2 02	397	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
17	2008-08-18-02 1233 1233 2 out	1070 6	0 254	0 35	2 01	600	0	IIV6	1	LLWDWLPK	8	NP_149515 1	052R	0 9866
25	2008-08-18-02 2172 2172 2 out	1205 7	1 896	0 3	2	366	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 96
53	2008-08-18-02 2489 2489 2 out	1579 9	0 012	0 48	2	783	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770 1	307L	0 9936
11	2008-08-18-02 2666 2666 2 out	994 4	0 761	0 25	1 97	151	1 609	KBV|KBV|KBV	3	MNNEALM*R	9	YP_308663 1	VP3	0 9847
46	2008-08-18-02 1558 1558 2 out	1485 9	0 585	0 38	1 95	526	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 994
18	2008-08-18-02 2126 2126 2 out	1102 7	0 46	0 45	1 92	575	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9824
51	2008-08-18-02 2966 2966 3 out	1536 9	1 946	0 55	1 91	212	0	Nosema	1	NDLVYVVGFLNKR	13	ABE26649 1	pol polyprotein	1
20	2008-08-18-02 1748 1748 2 out	1160 6	0 711	0 26	1 9	238	0 693	KBV|KBV	2	ITVENALGESK	11	NP_851403 1	non-structural polyprotein	0 9841
44	2008-08-18-02 2721 2721 2 out	1426 7	0 438	0 4	1 9	250	0	IIV6	1	SIDLIMYEVSEK	12	NP_149485 1	022L	1
42	2008-08-18-02 3200 3200 3 out	1388 6	1 319	0 39	1 87	268	0	IIV6	1	DFSGFSGGGMIGEK	14	NP_149722 1	259R	0 969
72	2008-08-18-02 2632 2632 3 out	2332 1	0 32	0 52	1 86	237	0	IIV6	1	M*NNYSLLEDNPESPYFGVVK	21	NP_149891 1	428L	0 9649
24	2008-08-18-02 3941 3941 3 out	1190 7	1 543	0 36	1 83	104	1 609	IIV6	1	VVDQALRFDK	10	NP_149691 1	228L	0 9913
38	2008-08-18-02 1955 1955 2 out	1327 8	1 109	0 25	1 83	241	0	SV|SV	2	VWNVRRAVSIK	11	AAK16263 1	polyprotein	0 9943
14	2008-08-18-02 3437 3437 2 out	1030 6	0 936	0 35	1 81	383	0	IIV6	1	ISGGALGFPVL	11	NP_149737 1	274L	0 9859
27	2008-08-18-02 3696 3696 3 out	1223 6	0 522	0 48	1 81	517	0	DWV|DWV|DWV|DWV|DWV|Kakugo	6	FIASHNEHIR	10	NP_853560 2	polyprotein	0 9601
64	2008-08-18-02 2183 2183 2 out	1770 9	1 407	0 48	1 77	77	0 693	IIV6	1	FIFKWSHKIDFFR	13	NP_149867 1	404L	0 9594
66	2008-08-18-02 1592 1592 3 out	1776 9	1 572	0 37	1 76	156	0	Nosema	1	MVCEDCNNRQPVIKK	15	AAD12605 1	RNA polymerase II largeat subunit	0 9553
3	2008-08-18-02 568 568 1 out	730 4	1 101	0 43	1 75	217	0	IIV6	1	NLNVDR	6	NP_149681 1	218R	1
67	2008-08-18-02 2460 2460 2 out	1947 8	1 752	0 42	1 75	129	0 693	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spore wall protein	0 9778
60	2008-08-18-02 1674 1674 3 out	1686 8	1 953	0 4	1 74	193	0 693	Nosema	1	GKYSWNGIYKDIDK	14	ABE26653 1	pol polyprotein	0 9526
8	2008-08-18-02 1200 1200 2 out	930 5	0 795	0 44	1 73	467	0	IIV6	1	EAIDILEK	8	NP_149624 1	161L	0 9833
50	2008-08-18-02 1671 1671 2 out	1534 8	1 77	0 41	1 73	814	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655 1	pol polyprotein	0 9945
58	2008-08-18-02 1912 1912 2 out	1630 8	0 738	0 31	1 73	219	0 693	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9555
33	2008-08-18-02 3285 3285 3 out	1299 8	1 781	0 5	1 72	240	0	IIV6	1	VKMRAQNVLQL	11	NP_149874 1	410L	0 9796
49	2008-08-18-02 2289 2289 2 out	1524 9	1 446	0 33	1 72	502	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859 1	396L	0 9796
71	2008-08-18-02 2464 2464 3 out	2173 2	0 536	0 45	1 71	242	0	Nosema	1	HFFSVVVENDVIATNIIKK	19	AAT12296 1	chromosome segregation protein	0 9958
47	2008-08-18-02 2505 2505 2 out	1500 7	0 38	0 46	1 68	446	0	IIV6	1	DDM*AASYLEGKER	14	NP_149635 1	172L	0 9903
36	2008-08-18-02 2237 2237 2 out	1314 8	1 459	0 5	1 67	219	0	IIV6	1	VTLNEEIQKIK	11	NP_149561 1	098R	0 9866
15	2008-08-18-02 200 200 2 out	1050 6	0 607	0 39	1 66	334	0	IIV6	1	IFAEKSSLR	9	NP_149642 1	179R	0 9743
28	2008-08-18-02 1682 1682 2 out	1228 7	0 643	0 52	1 66	344	0	IIV6	1	RIKQGEWLAK	10	NP_149624 1	161L	1
59	2008-08-18-02 2306 2306 2 out	1648 8	0 476	0 42	1 64	240	0	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0 9915
40	2008-08-18-02 2526 2526 2 out	1372 7	0 146	0 32	1 63	214	0	Nosema	1	YARSPEFM*IDK	12	ABE26653 1	pol polyprotein	0 9916
69	2008-08-18-02 1994 1994 2 out	2141 1	1 061	0 42	1 61	70	0	IIV6	1	QYPLRDIPDFTIRSEYK	17	NP_149530 1	067R	1
35	2008-08-18-02 1530 1530 2 out	1309 8	1 694	0 45	1 59	230	0	IIV6	1	IKHIKALDCLR	11	NP_149590 1	127L	0 9762
7	2008-08-18-02 419 419 2 out	884 5	1 091	0 39	1 55	254	0	IIV6	1	VLTHSVTK	8	NP_149485 1	022L	0 9507
19	2008-08-18-02 3455 3455 3 out	1108 6	0 525	0 39	1 55	169	0	IIV6	1	NKEAQDIYK	9	NP_149717 1	254L	1
9	2008-08-18-02 756 756 2 out	940 6	1 101	0 49	1 51	110	0 693	IIV6	1	EVVLKKPK	8	NP_149902 1	439L	0 9837
68	2008-08-18-02 1794 1794 3 out	2041 1	0 435	0 48	1 51	295	0	DWV|DWV	2	WGSXSDQIAQWPTISVPR	18	NP_853560 2	polyprotein	0 9705
13	2008-08-18-02 2110 2110 2 out	1027 5	0 99	0 33	1 5	629	0	IIV6	1	YKPYVTEK	8	NP_149475 1	012L	0 9899

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Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
47	2008-08-15-04 2004 2004 2 out	1790 9	0 432	0 65	3 59	644	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9736
39	2008-08-15-04 2883 2883 3 out	1515 7	0 804	0 58	3 29	698	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9544
19	2008-08-15-04 1457 1457 2 out	1156 7	0 126	0 72	2 87	633	0	KBV|KBV|KBV|KBV|KBV|KBV	6	IGPISEVASGVK	12	ABN49472 1	VP4 protein	1
44	2008-08-15-04 2126 2126 2 out	1614 9	0 268	0 37	2 59	829	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9762
41	2008-08-15-04 2377 2377 2 out	1579 9	0 4	0 44	2 56	959	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770 1	307L	0 9768
3	2008-08-15-04 387 387 2 out	783 5	0 207	0 38	2 4	573	0	IAPV|IAPV	2	HVLTWK	6	YP_001040003 1	structural polyprotein	0 9673
6	2008-08-15-04 746 746 2 out	892 5	0 851	0 25	2 36	206	0 693	IIV6	1	KVM*EELK	8	NP_149750 1	287R	0 9922
27	2008-08-15-04 2108 2108 2 out	1268 6	1 698	0 27	2 28	477	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9814
36	2008-08-15-04 1935 1937 2 out	1384 8	0 1	0 3	2 06	494	0	IIV6	1	FVGADVVLLEPII	13	NP_149910 1	447L	0 9641
1	2008-08-15-04 1255 1255 1 out	700 5	1 02	0 17	2	405	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
34	2008-08-15-04 1001 1001 2 out	1344 7	1 525	0 31	1 97	344	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9942
28	2008-08-15-04 1880 1880 2 out	1270 7	1 401	0 52	1 95	469	0	IAPV|IAPV	2	LVLNANPFVAGR	12	YP_001040003 1	structural polyprotein	0 9543
4	2008-08-15-04 1703 1703 2 out	880 5	1 596	0 39	1 88	284	0	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 9685
46	2008-08-15-04 2071 2071 2 out	1763 1	0 897	0 45	1 85	404	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9754
9	2008-08-15-04 2022 2022 2 out	1027 5	0 893	0 41	1 8	680	0	IIV6	1	YKPYVTEK	8	NP_149475 1	012L	0 9729
30	2008-08-15-04 1503 1503 2 out	1285 8	1 376	0 36	1 8	353	0	Nosema	1	ACVAKLLVVNKK	12	BAC15534 1	elongation factor 1 alpha	0 965
2	2008-08-15-04 1349 1349 2 out	764 4	0 467	0 36	1 79	307	0	IIV6	1	NAIFATK	7	NP_149829 1	366R	1
50	2008-08-15-04 2109 2109 3 out	2089 1	1 289	0 37	1 75	270	0	Nosema	1	KGNVISDTKTSPCVIQPACK	20	AAS16360 1	translation elongation factor 1 alpha	0 9506
10	2008-08-15-04 1586 1586 2 out	1041 5	0 072	0 35	1 74	520	0	IIV6	1	M*QIYVEDK	9	NP_149676 1	213R	0 9726
15	2008-08-15-04 4574 4574 3 out	1100 6	1 816	0 32	1 73	432	0	IIV6	1	IPPIDDFKR	9	NP_149530 1	067R	0 9997
20	2008-08-15-04 198 198 2 out	1171 6	1 431	0 41	1 71	285	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9659
45	2008-08-15-04 1344 1344 3 out	1747 9	0 673	0 37	1 69	217	0	KBV|KBV|KBV|KBV|KBV	5	QVSMQIATPNKSKSTK	16	ABN49472 1	VP4 protein	0 992
25	2008-08-15-04 3409 3409 3 out	1240 7	1 188	0 39	1 68	199	1 099	IIV6	1	GRTIGGVTLPGGR	13	NP_149676 1	213R	0 9925
7	2008-08-15-04 45 45 2 out	899 6	0 385	0 42	1 66	321	0	Nosema	1	SLKILIGR	8	ABE26652 1	pol polyprotein	0 9766
38	2008-08-15-04 505 505 3 out	1503 8	0 449	0 36	1 66	332	0	ABPV|ABPV|ABPV	3	DSETIRKAMIALR	13	AAL05919 1	capsid polyprotein	0 9897
49	2008-08-15-04 1902 1902 3 out	2042 2	1 128	0 41	1 65	87	1 609	Nosema	1	IELSQADSTRIKALVELR	18	AAC47660 1	mitochondrial-type HSP70	0 9797
24	2008-08-15-04 1623 1623 2 out	1228 7	0 394	0 46	1 64	295	0	IIV6	1	RIKQGEWLAK	10	NP_149624 1	161L	0 9924
11	2008-08-15-04 1355 1355 2 out	1048 5	0 35	0 38	1 63	206	0	VDV1	1	LDM*GTLNIR	10	ACF24764 1	polyprotein	0 9794
17	2008-08-15-04 425 425 3 out	1151 6	1 552	0 38	1 62	253	0	IIV6	1	GSEFSAGIDLR	11	NP_149901 1	438L	0 9668
14	2008-08-15-04 2786 2786 3 out	1097 6	1 789	0 41	1 61	145	0	IIV6	1	KIYSKECVK	9	NP_149482 1	019R	0 9901
8	2008-08-15-04 1137 1137 2 out	1008 6	0 461	0 39	1 57	258	0	IIV6	1	MAIM*GLKTK	10	NP_149674 1	211L	0 993
29	2008-08-15-04 47 47 3 out	1284 7	0 55	0 39	1 57	173	0	Nosema	1	LRGSIALAGRDR	12	AAT12295 1	phospholipase D	0 9636
32	2008-08-15-04 2439 2441 2 out	1296 7	0 741	0 43	1 54	218	0	IIV6	1	DTYKIMIGIDK	11	NP_149513 1	050L	0 9655
26	2008-08-15-04 1044 1044 2 out	1258 7	0 484	0 42	1 52	319	0	IIV6	1	NKSPLLNESEK	11	NP_149523 1	060L	0 9813
16	2008-08-15-04 1721 1722 2 out	1122 5	1 514	0 54	1 5	114	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9861

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Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
23	2008-08-15-05 1466 1466 2 out	1156 7	0 298	0 75	2 93	681	0	KBV|KBV|KBV|KBV|KBV|	6	IGPISEVASGVK	12	ABN49472 1	VP4 protein	0 9901
42	2008-08-15-05 2889 2889 3 out	1515 7	0 858	0 61	2 9	1167	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 95
49	2008-08-15-05 2016 2016 2 out	1790 9	0 21	0 7	2 9	596	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9852
45	2008-08-15-05 2394 2394 2 out	1579 9	1 361	0 53	2 75	780	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770 1	307L	0 9767
22	2008-08-15-05 210 210 2 out	1149 6	0 388	0 67	2 68	1337	0	IAPV|IAPV	2	ITSISETENR	10	YP_001040003 1	structural polyprotein	0 988
11	2008-08-15-05 496 496 2 out	974 6	0 503	0 29	2 5	659	0	Nosema	1	IKKELSTR	8	BAF76326 1	heat shock protein 70	0 9617
46	2008-08-15-05 2037 2037 2 out	1614 9	0 283	0 38	2 33	596	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9889
3	2008-08-15-05 1034 1034 2 out	801 5	0 61	0 28	2 29	561	0	BQCV	1	DLDLVVK	7	NP_620564 1	nonstructural polyprotein	0 9671
31	2008-08-15-05 2027 2027 2 out	1229 7	0 437	0 22	2 24	693	0	IIV6	1	EIQLMKNILK	10	NP_149723 1	260R	0 972
38	2008-08-15-05 1125 1125 2 out	1344 7	0 228	0 37	2 22	400	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9718
24	2008-08-15-05 315 315 2 out	1171 6	0 41	0 64	2 21	454	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9897
48	2008-08-15-05 1551 1551 3 out	1776 9	0 6	0 52	2 2	211	0 693	Nosema	1	MVCEDCNNRQPVIKK	15	AAD12605 1	RNA polymerase II largest subunit	0 9722
39	2008-08-15-05 1948 1948 2 out	1384 8	0 646	0 23	2 17	433	0	IIV6	1	FVGADVVLLEPII	13	NP_149910 1	447L	0 9533
47	2008-08-15-05 2210 2211 2 out	1648 8	0 713	0 36	2 08	163	1 946	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0 9859
34	2008-08-15-05 2008 2008 2 out	1270 8	0 157	0 35	2 07	367	0	Nosema	1	NINTVKEVLIK	11	ABV48897 1	hypothetical spore wall protein	0 9616
12	2008-08-15-05 543 543 2 out	989 5	0 536	0 32	1 97	461	0	IIV6	1	DKKLNESR	8	NP_149639 1	176R	0 9854
30	2008-08-15-05 1864 1864 2 out	1213 7	1 333	0 25	1 96	1003	0	IIV6	1	ELNQILDKIK	10	NP_149916 1	453L	0 9745
29	2008-08-15-05 2061 2061 2 out	1205 7	1 692	0 33	1 94	452	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9859
13	2008-08-15-05 2514 2514 2 out	994 4	0 334	0 32	1 9	190	1 792	KBV|KBV|KBV	3	MNNEALM*R	9	YP_308663 1	VP3	0 986
16	2008-08-15-05 1587 1587 2 out	1041 5	0 128	0 25	1 9	503	0	IIV6	1	M*QIYVEDK	9	NP_149676 1	213R	0 9769
20	2008-08-15-05 2039 2039 2 out	1102 7	0 34	0 41	1 89	527	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9745
6	2008-08-15-05 760 760 2 out	877 6	0 557	0 28	1 88	189	1 099	IIV6	1	QIVKVYK	7	NP_149813 1	350L	0 9809
8	2008-08-15-05 798 798 2 out	923 5	1 38	0 4	1 86	98	2 197	KBV|KBV|KBV	3	VASGVSYLK	9	NP_851403 1	non-structural polyprotein	0 971
33	2008-08-15-05 1894 1894 2 out	1270 7	0 676	0 47	1 85	407	0	IAPV|IAPV	2	LVLNANPFVAGR	12	YP_001040003 1	structural polyprotein	0 9812
51	2008-08-15-05 2344 2344 2 out	1947 8	1 341	0 42	1 85	128	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spore wall protein	0 9575
44	2008-08-15-05 1616 1616 2 out	1534 8	1 61	0 45	1 82	816	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655 1	pol polyprotein	0 9878
5	2008-08-15-05 308 308 2 out	859 5	0 967	0 29	1 81	587	0	IIV6	1	SIKNLER	7	NP_149686 1	223L	0 9596
15	2008-08-15-05 1433 1433 2 out	1040 5	1 679	0 27	1 81	257	0	IIV6	1	EM*M*KINDK	10	NP_149463 1	468L	0 9784
32	2008-08-15-05 2116 2116 2 out	1268 6	0 588	0 42	1 81	415	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9676
2	2008-08-15-05 431 431 2 out	783 5	0 286	0 39	1 8	624	1 609	IAPV|IAPV	2	HVLTWK	6	YP_001040003 1	structural polyprotein	0 98
1	2008-08-15-05 1320 1320 2 out	700 5	0 34	0 33	1 73	366	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9607
21	2008-08-15-05 1970 1970 2 out	1131 6	0 591	0 41	1 71	183	1 386	IAPV|IAPV	2	SWTLPSTVLK	10	YP_001040003 1	structural polyprotein	0 9864
41	2008-08-15-05 2396 2396 2 out	1500 7	0 456	0 41	1 69	277	0	IIV6	1	DDM*AASYLEGKER	14	NP_149635 1	172L	0 9824
14	2008-08-15-05 820 820 2 out	996 5	0 729	0 44	1 66	181	0 693	Nosema	1	GQTGM*YPVK	10	ABO69713 1	Sec61alpha	0 9913
18	2008-08-15-05 946 946 2 out	1057 5	1 492	0 45	1 66	62	1 609	IIV6	1	AFM*KNQFR	9	NP_149612 1	149L	0 9657
43	2008-08-15-05 2194 2194 2 out	1524 9	0 779	0 44	1 62	582	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859 1	396L	0 9636
10	2008-08-15-05 1422 1422 2 out	967 5	0 558	0 33	1 59	278	0	KBV|KBV|KBV|KBV|IAPV|	6	FFNTTPLK	8	YP_308663 1	VP3	0 9768
35	2008-08-15-05 2225 2225 2 out	1285 7	1 344	0 44	1 59	822	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9583
27	2008-08-15-05 3647 3647 3 out	1189 6	0 124	0 4	1 52	212	0	Nosema	1	NGKVFPDEKR	10	ABE26649 1	pol polyprotein	0 9739
37	2008-08-15-05 2331 2331 2 out	1343 8	1 543	0 36	1 52	214	0	IIV6	1	LWLSEDVLKIK	11	NP_149590 1	127L	0 9546
50	2008-08-15-05 1997 1997 3 out	1900 9	0 686	0 4	1 52	193	0	IIV6	1	EYM*TITFCNQEHQIK	16	NP_149752 1	289L	0 9769
26	2008-08-15-05 3346 3346 3 out	1186 7	0 086	0 43	1 5	151	0	IIV6	1	ILFIGDPHFK	10	NP_149707 1	244L	0 9972

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Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
29	2008-08-18-04 2061 2061 2 out	1614 9	1 403	0 48	3 09	620	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9863
13	2008-08-18-04 89 89 2 out	1149 6	0 197	0 59	2 61	412	0	IAPV|IAPV	2	ITSISETENR	10	YP_001040003 1	structural polyprotein	0 9792
16	2008-08-18-04 150 150 2 out	1171 6	0 607	0 66	2 53	706	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9591
8	2008-08-18-04 308 308 2 out	974 6	0 398	0 38	2 44	636	0	Nosema	1	IKKELSTR	8	BAF76326 1	heat shock protein 70	0 9921
25	2008-08-18-04 3194 3194 3 out	1515 7	1 122	0 48	2 43	717	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9705
1	2008-08-18-04 1232 1232 2 out	700 5	0 102	0 2	2 17	370	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9656
17	2008-08-18-04 1994 1994 2 out	1270 8	0 568	0 36	2 13	329	0	Nosema	1	NINTVKEVLIK	11	ABV48897 1	hypothetical spore wall protein	0 9908
21	2008-08-18-04 1108 1108 2 out	1344 7	0 772	0 29	2 1	407	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9911
12	2008-08-18-04 450 450 3 out	1126 6	1 859	0 39	2 02	224	1 099	Nosema	1	NQGIGPADINK	11	AAK68858 1	DNA repair protein	0 9974
23	2008-08-18-04 1934 1934 2 out	1384 8	0 824	0 41	1 93	533	0 693	IIV6	1	FVGADVVLLEPII	13	NP_149910 1	447L	0 9748
10	2008-08-18-04 1191 1191 2 out	1070 6	0 987	0 35	1 92	575	0	IIV6	1	LLWDWLPK	8	NP_149515 1	052R	0 9927
33	2008-08-18-04 2151 2151 3 out	2265 2	1 522	0 55	1 92	60	2 079	IIV6	1	PHITTGWNIFNFDTTFLLK	19	NP_149500 1	037L	0 9568
30	2008-08-18-04 2328 2328 2 out	1835 9	1 173	0 43	1 91	75	0	Nosema	1	IQGPDYVPGTSSDMQIK	17	AAT72743 1	translation elongation factor 2	0 9871
4	2008-08-18-04 237 237 2 out	791 4	0 351	0 34	1 88	851	0	Nosema	1	ESKDNAK	7	ABE27277 1	unknown	0 9918
24	2008-08-18-04 2817 2817 2 out	1413 8	1 022	0 39	1 79	223	0	SV	1	FVKWHAQEQIK	11	AAL79021 1	AF469603_1 polyprotein	0 9929
3	2008-08-18-04 335 335 2 out	783 5	0 053	0 45	1 77	679	0	IAPV|IAPV	2	HVLTWK	6	YP_001040003 1	structural polyprotein	0 9877
9	2008-08-18-04 1152 1152 2 out	1058 6	1 403	0 47	1 75	185	1 386	IIV6	1	SPNVSLTGKR	10	NP_149664 1	201R	0 9807
7	2008-08-18-04 746 746 2 out	923 5	1 547	0 4	1 74	100	1 609	KBV|KBV|KBV	3	VASGVSYLK	9	NP_851403 1	non-structural polyprotein	0 9901
27	2008-08-18-04 2183 2183 2 out	1524 9	0 472	0 48	1 66	590	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859 1	396L	0 9573
15	2008-08-18-04 833 833 2 out	1153 5	0 457	0 51	1 63	456	0	IIV6	1	TM*TGLEDASGR	12	NP_149548 1	085L	0 9898
2	2008-08-18-04 654 654 1 out	730 4	1 218	0 32	1 61	220	0	IIV6	1	NLNVDR	6	NP_149681 1	218R	1
20	2008-08-18-04 2704 2704 3 out	1338 7	0 449	0 41	1 58	141	0 693	BQCV	1	DDTEIDFLSRK	11	AAP58354 1	RNA-dependant RNA polymerase RdRp	0 9876
28	2008-08-18-04 4233 4233 3 out	1604 8	1 19	0 43	1 57	151	0	IIV6	1	LNESREIVSAEMVK	14	NP_149639 1	176R	1
22	2008-08-18-04 4181 4181 3 out	1356 7	1 026	0 5	1 55	190	0	Nosema|Nosema	5	LNNKFDLMYAK	11	AAZ23550 1	alpha-tubulin	0 9952
19	2008-08-18-04 2260 2260 2 out	1337 7	0 17	0 45	1 53	128	0	IIV6	1	INESEDKYIVK	11	NP_149647 1	184R	0 9574

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Sr No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
42	2008-08-18-05.2407.2408.2.out	1473.7	0.653	0	3.87	1840	0	ABPV|ABPV|ABPV|ABPV	5	DYMSYLSYIYR	11	NP_066242.1	capsid protein	1
23	2008-08-18-05.87.87.2.out	1149.6	0.632	0.68	3.11	906	0	IAPV|IAPV	2	ITSISETENR	10	YP_001040003.1	structural polyprotein	1
44	2008-08-18-05.2828.2828.3.out	1515.7	1.268	0.62	2.98	1219	0	Nosema	1	IWHHTFYNELR	11	AAB86863.1	actin	0.9552
55	2008-08-18-05.1964.1964.2.out	1790.9	0.237	0.6	2.96	598	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863.1	actin	1
22	2008-08-18-05.1910.1910.2.out	1143.6	0.113	0.58	2.6	1040	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161.1	beta-tubulin	1
37	2008-08-18-05.1952.1952.2.out	1384.8	1.612	0.29	2.57	379	0	IIV6	1	FVGADVVLLEPII	13	NP_149910.1	447L	1
16	2008-08-18-05.1582.1582.2.out	1009.5	1.418	0.28	2.39	439	0	IIV6	1	EFDLNFPK	8	NP_149758.1	295L	1
48	2008-08-18-05.3645.3645.2.out	1614.9	0.451	0.27	2.33	495	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	1
13	2008-08-18-05.1385.1385.2.out	967.5	0.635	0.51	2.29	625	0	KBV|KBV|KBV|KBV|IAPV|IAPV	6	FFNTTPLK	8	YP_308663.1	VP3	1
25	2008-08-18-05.192.192.2.out	1171.6	0.062	0.65	2.21	567	0	Nosema	1	HKGVMVGMGQK	11	AAB86863.1	actin	1
14	2008-08-18-05.390.390.2.out	974.6	0.525	0.31	2.19	478	0	Nosema	1	IKKELSTR	8	BAF76326.1	heat shock protein 70	1
8	2008-08-18-05.1005.1005.2.out	801.5	0.558	0.31	2.17	577	0	BQCV	1	DLDLVVK	7	NP_620564.1	nonstructural polyprotein	1
36	2008-08-18-05.1010.1010.2.out	1344.7	1.52	0.31	2.14	365	0.693	IIV6	1	IENENNLEEIK	11	NP_149776.1	313L	1
6	2008-08-18-05.286.286.2.out	791.4	0.672	0.3	2.1	977	0	Nosema	1	ESKDNAK	7	ABE27277.1	unknown	1
28	2008-08-18-05.1813.1813.2.out	1213.7	1.319	0.2	2.1	889	0	IIV6	1	ELNQILDKIK	10	NP_149916.1	453L	1
49	2008-08-18-05.1093.1093.2.out	1626.9	0.294	0.41	2.04	238	0	IIV6	1	KIFSSKWQQSLFK	13	NP_149538.1	075L	1
21	2008-08-18-05.3893.3893.2.out	1122.5	0.463	0.47	1.97	459	0	IIV6	1	SLMGNCPSSVK	11	NP_149555.1	092R	1
19	2008-08-18-05.1183.1183.2.out	1070.6	0.556	0.33	1.96	603	0	IIV6	1	LLWDWLPK	8	NP_149515.1	052R	1
31	2008-08-18-05.2077.2077.2.out	1268.6	1.61	0.42	1.96	424	0.693	IIV6	1	DKMQIYVEDK	10	NP_149676.1	213R	1
38	2008-08-18-05.1736.1736.2.out	1389.8	1.465	0.3	1.96	219	0.693	VDV1|VDV1	2	LFKTISM*LHQR	12	YP_145791.1	polyprotein	1
47	2008-08-18-05.2201.2201.2.out	1590.8	0.808	0.27	1.95	318	0	IIV6	1	EIEPFTGVSASVIGGK	16	NP_149806.1	343L	1
20	2008-08-18-05.1371.1371.2.out	1071.6	0.662	0.27	1.92	622	0	IIV6	1	GKVEIFHNK	9	NP_149917.1	454R	1
1	2008-08-18-05.1279.1279.2.out	700.5	0.337	0.44	1.89	364	0	Nosema	1	VXDIIK	6	ABM26977.1	RNA polymerase II largest subunit	1
45	2008-08-18-05.2150.2150.2.out	1524.9	1.502	0.31	1.89	862	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859.1	396L	1
40	2008-08-18-05.2564.2564.2.out	1426.7	0.359	0.3	1.88	223	0	IIV6	1	SIDLIMYEVSEK	12	NP_149485.1	022L	1
50	2008-08-18-05.2209.2209.2.out	1648.8	1.541	0.37	1.87	158	1.792	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901.1	438L	1
52	2008-08-18-05.2213.2213.2.out	1746.8	0.683	0.32	1.84	173	0.693	IIV6	1	NCQEKETIYSDNFR	14	NP_149500.1	037L	1
53	2008-08-18-05.1778.1778.2.out	1769.8	1.472	0.36	1.83	340	0	IIV6	1	FEASEMYSWYKSNK	14	NP_149902.1	439L	1
33	2008-08-18-05.1672.1672.2.out	1309.8	0.006	0.39	1.82	444	0	Nosema	1	HFGVRLLRLAK	11	AAU11093.1	unknown	1
27	2008-08-18-05.2069.2069.2.out	1205.7	0.496	0.35	1.81	187	1.099	IIV6	1	VDVSTQTKTVK	11	NP_149655.1	192R	1
12	2008-08-18-05.1149.1149.2.out	930.5	0.601	0.44	1.79	386	0	IIV6	1	EAIDILEK	8	NP_149624.1	161L	1
26	2008-08-18-05.449.449.2.out	1197.6	0.33	0.42	1.79	193	0.693	IIV6	1	NKNISKNSHR	10	NP_149877.1	414L	1
17	2008-08-18-05.1552.1552.2.out	1041.5	0.603	0.28	1.76	590	0	IIV6	1	M*QIYVEDK	9	NP_149676.1	213R	1
34	2008-08-18-05.1844.1844.2.out	1327.8	1.278	0.36	1.76	303	0	Nosema	1	ARSGVIVLPCGAGK	14	AAT12293.1	DNA repair helicase RAD25	1
32	2008-08-18-05.2177.2177.2.out	1285.7	0.765	0.51	1.75	905	0	IIV6	1	EAQKIEKIGNR	11	NP_149612.1	149L	1
4	2008-08-18-05.3969.3969.2.out	775.5	0.193	0.51	1.71	116	0	IIV6	1	EVSLSLK	7	NP_149765.1	302L	1
35	2008-08-18-05.1949.1949.2.out	1332.8	0.723	0.32	1.7	216	0	Nosema	1	VESSIQSTKIIK	12	ABE27277.1	unknown	1
56	2008-08-18-05.2500.2500.2.out	1947.8	1.521	0.41	1.64	148	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900.1	hypothetical spore wall protein	1
5	2008-08-18-05.502.502.2.out	783.5	0.345	0.4	1.62	558	0	IAPV|IAPV	2	HVLTWK	6	YP_001040003.1	structural polyprotein	1
43	2008-08-18-05.2353.2353.2.out	1500.7	0.481	0.37	1.58	328	0	IIV6	1	DDM*AASYLEGKER	14	NP_149635.1	172L	1
15	2008-08-18-05.830.830.2.out	994.4	1.395	0.37	1.55	85	1.386	Nosema	1	VSASDSEGDK	10	ABV48898.1	hypothetical spore wall protein	1

Test 75

Sr No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
8	2008-10-17-04.1957.1957.2.out	961.4	0.001	0.21	2.18	225	0	SV|SV	2	EASPNSDGGK	10	NP_049374.1	polyprotein	0.9993

Test 76 – below detection limits

Test 77

Sr No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
2	2008-10-17-07.1893.1893.2.out	702.4	0.439	0.07	2.03	264	0.693	IIV6	1	NVNIDK	6	NP_149647.1	184R	0.9963

Note - very weak peptides of no significance value (only 6 AA)

Test 78 – below detection limits

Test 79 – below detection limits

Test 80 – below detection limits

Test 81 – below detection limits

Test 86

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
103	2008-03-05-05 3925 3925 2 out	1790 9	0 122	0 67	3 1	634	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9917
79	2008-03-05-05 2790 2790 2 out	1202 7	1 09	0 2	2 26	272	0	IIV6	1	KFPTLEIINK	10	NP_149688 1	225R	0 9945
100	2008-03-05-05 3888 3888 2 out	1614 9	0 47	0 28	2 25	813	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9965
21	2008-03-05-05 979 979 2 out	802 5	0 907	0 09	2 18	246	1 386	Nosema	1	KSLDVLK	7	ABO69715 1	unknown	0 9877
10	2008-03-05-05 1946 1946 2 out	743 5	1 57	0 17	2 11	393	0	IIV6	1	QVKKIK	6	NP_149486 1	023L	0 9902
6	2008-03-05-05 1542 1542 2 out	725 3	0 175	0 04	2 07	293	0	Nosema	1	QFSDTQ	6	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9978
54	2008-03-05-05 1545 1545 2 out	986 6	1 03	0 19	2 04	171	1 099	Nosema	1	EGTAVLRLK	9	AAB62548 1	glutaminyl-tRNA synthetase	0 9899
19	2008-03-05-05 2042 2042 2 out	777 5	1 318	0 19	2 03	185	1 386	IIV6	1	EIIFKK	6	NP_149713 1	250L	0 9912
8	2008-03-05-05 1429 1429 2 out	730 4	0 478	0 12	1 98	290	1 386	IIV6	1	QIDNLK	6	NP_149923 1	460R	0 9732
11	2008-03-05-05 1180 1180 2 out	744 5	0 751	0 04	1 97	278	0 693	Nosema	1	KLIENK	6	AAB62548 1	glutaminyl-tRNA synthetase	0 9763
99	2008-03-05-05 3531 3531 2 out	1595 8	0 268	0 15	1 97	49	1 609	IIV6	1	EMINIFKSLDEEK	13	NP_149611 1	148R	0 974
77	2008-03-05-05 3265 3265 2 out	1178 7	0 745	0 2	1 95	478	0 693	IIV6	1	LINEIKSFSK	10	NP_149500 1	037L	0 9897
95	2008-03-05-05 4428 4428 2 out	1492 9	0 446	0 24	1 92	231	1 386	Nosema	1	VLDNRHLGSIKLK	13	BAF76326 1	heat shock protein 70	1
1	2008-03-05-05 3156 3156 2 out	700 5	0 41	0 29	1 9	359	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9926
94	2008-03-05-05 3711 3711 2 out	1481 9	1 927	0 24	1 89	124	0	DWV|DWV|DWV|DWV|Kakugo|VDV1	7	LLKAVNDEPEILK	13	NP_853560 2	polyprotein	1
18	2008-03-05-05 945 945 2 out	774 4	0 887	0 04	1 88	303	0	IIV6	1	ELKDNR	6	NP_149851 1	388R	0 9902
50	2008-03-05-05 1861 1861 2 out	949 5	1 053	0 18	1 86	223	1 099	Nosema	1	AGNMSAGTLK	10	AAC47660 1	mitochondrial-type HSP70	0 9803
40	2008-03-05-05 3188 3188 2 out	914 6	0 618	0 15	1 84	187	0	IIV6	1	LINDLAKK	8	NP_149647 1	184R	0 9948
67	2008-03-05-05 3106 3106 2 out	1070 6	0 114	0 28	1 84	448	0	IIV6	1	LLWDWLPK	8	NP_149515 1	052R	0 9627
28	2008-03-05-05 2058 2058 2 out	829 6	1 866	0 1	1 83	336	0	IIV6	1	IKTINLK	7	NP_149545 1	082L	0 979
42	2008-03-05-05 1005 1005 2 out	919 5	0 166	0 19	1 82	204	1 386	IIV6	1	ESIKDSIK	8	NP_149548 1	085L	0 9938
92	2008-03-05-05 2888 2888 2 out	1396 8	1 126	0 33	1 82	96	0 693	gi	1	EDERVVPVPKTK	12	YP_654579 1	hypothetical protein MIV007R	0 9976
16	2008-03-05-05 1606 1606 2 out	771 5	1 4	0 24	1 81	363	0 693	Nosema	1	RIEILK	6	ABE27266 1	unknown	0 9949
89	2008-03-05-05 3069 3069 2 out	1372 7	1 19	0 21	1 81	75	1 386	Nosema	1	EVIGIEDDLKNK	12	ABO69725 1	unknown	0 9731
34	2008-03-05-05 1575 1575 2 out	867 5	0 564	0 27	1 79	92	2 303	IIV6	1	KKLHDVK	7	NP_149750 1	287R	0 9909
2	2008-03-05-05 1130 1130 2 out	718 4	0 743	0 13	1 78	162	0 693	IIV6	1	QTINDK	6	NP_149843 1	380R	0 9905
22	2008-03-05-05 2320 2320 2 out	807 5	1 636	0 1	1 78	167	0	Nosema	1	FMLAGLR	7	AAU11091 1	class-II photolyase	0 9968
81	2008-03-05-05 3786 3786 2 out	1236 7	0 779	0 13	1 77	208	0	IIV6	1	IFVFKNIIDK	10	NP_149561 1	098R	0 9522
88	2008-03-05-05 2859 2859 2 out	1310 7	1 35	0 37	1 77	98	1 946	IIV6	1	LDILSIPSTHSK	12	NP_149695 1	232R	0 9818
25	2008-03-05-05 486 486 2 out	818 4	0 338	0 14	1 73	411	1 386	Nosema	1	EDENGVR	7	ABY49795 1	hypothetical spore wall protein 13	0 9638
83	2008-03-05-05 2732 2732 2 out	1268 6	0 755	0 32	1 73	262	0 693	gi	1	SDGDICYRLVK	11	YP_654664 1	hypothetical protein MIV092R	0 9725
20	2008-03-05-05 2604 2604 1 out	795 5	1 02	0 31	1 72	263	0	Nosema	1	NIPRAPK	7	AAC47660 1	mitochondrial-type HSP70	1
7	2008-03-05-05 456 456 2 out	729 5	0 012	0 17	1 71	358	0 693	IIV6	1	KSPAAKK	7	NP_149872 1	411L	0 9901
12	2008-03-05-05 2554 2554 2 out	745 5	0 326	0 2	1 71	525	1 386	IIV6	1	EKKVNK	6	NP_149585 1	122R	0 95
24	2008-03-05-05 2536 2536 2 out	816 5	0 702	0 23	1 7	183	2 079	IIV6	1	KDTIVLK	7	NP_149618 1	155L	0 9783
15	2008-03-05-05 1450 1450 2 out	755 4	0 469	0 31	1 69	120	0 693	IIV6	1	ECGPPPR	7	NP_149841 1	378R	0 9571
45	2008-03-05-05 4804 4804 2 out	924 6	0 247	0 23	1 69	139	0	IIV6	1	TPRIVPNK	8	NP_149758 1	295L	0 9944
60	2008-03-05-05 4195 4195 2 out	1030 6	0 424	0 23	1 69	154	0	Nosema	1	NSVDEIILK	9	ABM26980 1	RNA polymerase II largest subunit	0 9557
85	2008-03-05-05 3853 3853 2 out	1288 7	0 644	0 25	1 69	129	0	IIV6	1	NMKTNVIANRK	11	NP_149482 1	019R	0 9599
53	2008-03-05-05 4345 4345 2 out	979 6	0 56	0 22	1 68	105	0 693	IIV6	1	KTYDIIVK	8	NP_149530 1	067R	0 9558
33	2008-03-05-05 1626 1626 2 out	866 5	0 436	0 2	1 67	98	1 386	IIV6	1	KNTFKTK	7	NP_149813 1	350L	0 979
41	2008-03-05-05 1178 1178 2 out	915 5	0 266	0 29	1 67	158	0	Nosema	1	FHDEVLR	7	AAT72742 1	60S ribosomal protein L10a	0 9603
66	2008-03-05-05 4053 4053 2 out	1060 6	0 888	0 19	1 66	68	0 693	Nosema	1	IISSRSEIR	9	ABO69727 1	unknown	0 9845
32	2008-03-05-05 1354 1354 2 out	858 5	0 864	0 14	1 65	190	0	IIV6	1	ELKDLLK	7	NP_149920 1	457L	0 9642
71	2008-03-05-05 2713 2713 2 out	1142 6	0 609	0 29	1 65	118	1 099	IIV6	1	ENVHTSTINK	10	NP_149930 1	467R	0 996
55	2008-03-05-05 2602 2602 2 out	989 5	0 064	0 26	1 63	408	0	IIV6	1	DKKLNESR	8	NP_149639 1	176R	0 9954
62	2008-03-05-05 1695 1695 2 out	1042 5	1 132	0 2	1 63	177	0 693	SV	1	NLSSEYSSR	9	AAK16263 1	polyprotein	0 9722
13	2008-03-05-05 2106 2107 2 out	749 4	0 764	0 2	1 62	277	0	gi	1	FVIQSR	6	YP_654617 1	hypothetical protein MIV045R	0 9523
47	2008-03-05-05 4153 4153 2 out	943 5	0 316	0 24	1 62	124	1 386	gi	1	NIPENTKK	8	YP_654646 1	hypothetical protein MIV074L	0 9532
107	2008-03-05-05 1208 1208 3 out	2030	1 488	0 35	1 62	217	0	IIV6	1	YMYGGKTSTAYFVRETR	17	NP_149737 1	274L	1
43	2008-03-05-05 1482 1482 2 out	921 6	1 211	0 2	1 6	238	0	IIV6	1	SLRSFAIK	8	NP_149767 1	304R	0 9767
70	2008-03-05-05 4244 4244 3 out	1135 5	0 737	0 43	1 6	125	0	BQCV|BQCV	2	PDWDKPYSK	9	NP_620565 1	structural polyprotein	0 963
96	2008-03-05-05 2799 2799 2 out	1521 9	0 037	0 3	1 59	128	0	IIV6	1	MNKNGFVKIVLMK	13	NP_149866 1	403L	0 9979
59	2008-03-05-05 1527 1527 2 out	1027 6	0 141	0 32	1 58	234	0	gi	1	PEIRDELR	8	YP_654659 1	hypothetical protein MIV087L	0 9957
49	2008-03-05-05 5824 5824 2 out	947 5	1 182	0 24	1 57	266	0	Nosema	1	LSKEDDIK	8	ABE26649 1	pol polyprotein	0 9547
57	2008-03-05-05 4420 4420 2 out	1001 5	0 445	0 3	1 57	290	1 386	Nosema	1	VTVDVGAQGR	10	ABE26655 1	pol polyprotein	0 9576
78	2008-03-05-05 4026 4026 2 out	1193 6	1 822	0 25	1 57	119	0 693	IIV6	1	NQQYRDELK	9	NP_149770 1	307L	0 9535
38	2008-03-05-05 3274 3274 2 out	896 5	1 095	0 19	1 56	358	0	IIV6	1	NFVKM*NK	8	NP_149902 1	439L	0 9917
97	2008-03-05-05 4436 4436 2 out	1545 9	0 457	0 27	1 56	138	0	IIV6	1	QKDFHFKEILLK	12	NP_149493 1	030L	1
5	2008-03-05-05 789 789 2 out	724 4	0 436	0 22	1 55	359	0	IIV6	1	KSQFSK	6	NP_149824 1	361L	0 9517
9	2008-03-05-05 2530 2530 2 out	732 4	0 499	0 16	1 55	400	0 693	Nosema|Nosema|Nosema|Nosema	4	QLWTGK	6	ABM26981 1	RNA polymerase II largest subunit	0 9593
63	2008-03-05-05 1510 1510 2 out	1042 6	0 992	0 32	1 55	285	0	SV|SV|SV	3	EAIGDILALK	10	NP_049374 1	polyprotein	1
52	2008-03-05-05 2545 2545 2 out	979 4	1 512	0 24	1 53	110	1 386	IIV6	1	CPMEKEDK	8	NP_149552 1	089L	0 9875
61	2008-03-05-05 3170 3170 2 out	1039 6	1 688	0 21	1 53	304	0	SV|SV	2	EIVIPDEPK	9	NP_049374 1	polyprotein	0 9954
4	2008-03-05-05 2211 2211 2 out	722 3	0 763	0 32	1 52	469	0	IIV6	1	IGEM*EK	7	NP_149891 1	428L	0 9985
90	2008-03-05-05 3486 3486 2 out	1379 7	1 847	0 32	1 51	25	2 833	IIV6	1	FDVPINSSLECR	12	NP_149548 1	085L	0 9967
46	2008-03-05-05 5155 5155 2 out	933 6	1 472	0 33	1 5	108	1 609	IIV6	1	AIVISFKR	8	NP_149672 1	209R	0 9944

Test 87

Sr No	File Name	(M+H)	dM	dCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
52	2008-03-05-06 3995 3995 2 out	1790 9	0 287	0 68	3 23	665	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9988
42	2008-03-05-06 3263 3263 2 out	1515 7	0 705	0 66	3 09	957	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9983
22	2008-03-05-06 2766 2766 2 out	1202 7	1 076	0 18	2 65	416	0	IIV6	1	KFPTLEIINK	10	NP_149688 1	225R	0 9935
2	2008-03-05-06 2614 2614 1 out	715 4	1 041	0 05	2 36	341	0	IIV6	1	NIIIDK	6	NP_149495 1	032R	1
7	2008-03-05-06 928 928 2 out	802 5	0 99	0 2	2 3	266	0	Nosema	1	KSLDVLK	7	ABO69715 1	unknown	0 9819
63	2008-03-05-06 3841 3841 3 out	2612 3	0 578	0 52	2 25	46	1 609	Nosema	1	NSASTNGKYEQNSLYKNPPPSTSK	24	ABE27276 1	unknown	0 9993
50	2008-03-05-06 2838 2838 2 out	1722 9	0 983	0 28	2 24	402	0	IIV6	1	NEISRFVKTAGEEDK	15	NP_149750 1	287R	0 9624
46	2008-03-05-06 4014 4014 2 out	1614 9	0 465	0 35	2 23	726	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9965
33	2008-03-05-06 3104 3104 2 out	1296 7	1 408	0 36	2 22	211	0	Nosema	1	EEMILFCRKLK	10	ABE27267 1	unknown	0 9872
25	2008-03-05-06 2607 2607 3 out	1215 6	0 203	0 32	2 1	236	0	Nosema	1	ELFEEKKHR	9	AAT12292 1	hypothetical protein	0 9549
21	2008-03-05-06 3176 3176 2 out	1199 7	0 573	0 37	2 09	248	0	IIV6	1	KVNIQNKDIK	10	NP_149674 1	211L	0 9975
60	2008-03-05-06 3218 3218 3 out	2292 1	1 164	0 3	2 09	109	0	gi	1	SPVSHQPSPEEDEPIPDLTLK	21	YP_654593 1	hypothetical protein MIV021L	0 9572
45	2008-03-05-06 4416 4416 2 out	1579 9	0 772	0 49	2 08	774	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770 1	307L	0 997
65	2008-03-05-06 4101 4101 3 out	2847 5	1 196	0 48	2 01	14	4 007	IIV6	1	SSNDYSLILQHSRNNKLISYIIR	24	NP_149691 1	228L	0 9798
1	2008-03-05-06 3221 3221 1 out	700 5	1 019	0 19	1 99	420	0	Nosema	1	VKDIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
37	2008-03-05-06 3972 3972 2 out	1384 8	1 447	0 33	1 98	150	0	IIV6	1	FVGADVVLLEPII	13	NP_149910 1	447L	0 994
54	2008-03-05-06 4341 4341 2 out	1947 8	1 796	0 42	1 98	149	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spora wall protein	0 9918
20	2008-03-05-06 3618 3618 2 out	1175 7	0 449	0 36	1 94	189	0	IIV6	1	QWTRLEKSK	9	NP_149778 1	315L	0 9802
4	2008-03-05-06 1498 1499 2 out	725 3	1 113	0 19	1 93	430	0	Nosema	1	QFSDTQ	6	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9881
13	2008-03-05-06 3637 3637 2 out	880 5	1 747	0 42	1 89	279	0	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 9885
53	2008-03-05-06 5051 5051 3 out	1907 9	0 43	0 41	1 88	115	1 099	IIV6	1	IYACDHHKEHPYPGLK	16	NP_149758 1	295L	0 9842
15	2008-03-05-06 1288 1288 2 out	978 5	0 497	0 28	1 87	272	0	Nosema	1	KVSRFGER	8	ABE26655 1	pol polyprotein	0 979
44	2008-03-05-06 4511 4511 2 out	1546 8	1 632	0 28	1 86	78	0	IIV6	1	KKCMSQYSPFSIK	13	NP_149629 1	166L	0 9846
61	2008-03-05-06 3193 3193 3 out	2325 2	0 715	0 36	1 86	82	0	IIV6	1	DAVTKEYVDEIKINDATVSSK	21	NP_149859 1	396L	0 9876
35	2008-03-05-06 6393 6393 3 out	1310 7	1 96	0 42	1 85	106	2 079	IIV6	1	NSSRIWFWSK	10	NP_149678 1	215R	0 9834
28	2008-03-05-06 2363 2363 3 out	1231 7	1 069	0 34	1 83	283	0	DWV	1	FSISPXSVXXR	11	ABD39714 1	polyprotein	0 9849
41	2008-03-05-06 4346 4346 2 out	1484 9	1 079	0 31	1 82	89	0 693	Nosema	1	VEEEIDRLLKLK	12	ABE26650 1	pol polyprotein	0 9889
32	2008-03-05-06 1961 1961 3 out	1292 7	0 889	0 32	1 81	177	0	gi	1	IANATYNVGELK	12	YP_654666 1	hypothetical protein MIV094L	0 9847
11	2008-03-05-06 2580 2580 2 out	820 4	0 304	0 28	1 8	99	1 366	IIV6	1	ETSELNK	7	NP_149489 1	026R	0 997
56	2008-03-05-06 3705 3705 3 out	2086 2	0 315	0 4	1 8	90	2 303	Nosema	1	GWASAAVQFIDILLNLIIIK	19	ABV48897 1	hypothetical spore wall protein	0 997
12	2008-03-05-06 2165 2165 2 out	859 5	1 842	0 24	1 77	193	0	IIV6	1	SIKNLER	7	NP_149686 1	223L	0 9775
62	2008-03-05-06 4429 4429 3 out	2374 3	1 077	0 48	1 75	217	1 099	IIV6	1	ETIQNLQQVSLPTLKCSKCLK	21	NP_149854 1	391R	0 9643
47	2008-03-05-06 4217 4217 2 out	1648 8	0 033	0 32	1 74	284	0	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	1
29	2008-03-05-06 2664 2664 2 out	1268 6	0 812	0 35	1 71	237	1 386	gi	1	SDGDICYRLVK	11	YP_654664 1	hypothetical protein MIV092R	0 9611
3	2008-03-05-06 7359 7359 2 out	717 4	0 334	0 3	1 67	213	0	IIV6	1	ITTVGAR	7	NP_149548 1	085L	0 9935
27	2008-03-05-06 414 414 3 out	1226 8	1 118	0 35	1 67	231	1 099	IIV6	1	MLVIGRSPLLK	11	NP_149717 1	254L	0 996
57	2008-03-05-06 3535 3535 3 out	2108 2	1 323	0 41	1 67	228	0	gi	1	LQLTSKYNLPTAGWIQFK	18	YP_654692 1	hypothetical protein MIV120R	0 9807
5	2008-03-05-06 4353 4353 2 out	789 4	1 299	0 32	1 66	228	0	gi	1	KNPDSTK	7	YP_654621 1	hypothetical protein MIV049R	0 9961
23	2008-03-05-06 4070 4070 2 out	1205 7	0 539	0 43	1 66	263	0 693	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 977
8	2008-03-05-06 1659 1659 2 out	808 5	0 915	0 33	1 65	103	1 792	IIV6	1	KIGYSIK	7	NP_149888 1	425R	0 9708
16	2008-03-05-06 3500 3500 2 out	1041 5	0 796	0 29	1 65	508	0	IIV6	1	M*QIYVEDK	9	NP_149676 1	213R	0 988
17	2008-03-05-06 1429 1429 2 out	1042 6	1 06	0 33	1 65	314	0	SVSVSV	3	EAIGDILALK	10	NP_049374 1	polyprotein	0 9969
40	2008-03-05-06 1901 1901 3 out	1469 8	1 147	0 36	1 64	278	0	Nosema	1	RCLPFSIDSLYR	12	ABV48891 1	spore wall protein	0 9799
43	2008-03-05-06 4821 4821 3 out	1528 8	1 732	0 38	1 64	100	1 099	ABPVIABPVIABPVIABPVIABPVIABPVIABPVIABPVIABPVIABP	14	DNISPDLTQLDGIK	14	NP_066242 1	capsid protein	0 9791
18	2008-03-05-06 5179 5179 3 out	1133 5	1 173	0 35	1 62	319	0	IIV6	1	IEDSVDIDDI	10	NP_149803 1	340R	1
9	2008-03-05-06 1411 1411 2 out	812 4	0 72	0 3	1 61	197	0	Nosema	1	KYMEINK	6	ABE27277 1	unknown	0 9986
36	2008-03-05-06 6681 6681 3 out	1381 7	1 692	0 35	1 61	270	0	IIV6	1	YPQPFSISDISK	12	NP_149765 1	302L	0 9739
49	2008-03-05-06 3543 3543 3 out	1688 9	1 096	0 35	1 61	127	0	IIV6	1	EMLLLPNESAKTKSK	15	NP_149674 1	211L	0 9761
30	2008-03-05-06 6973 6973 3 out	1270 7	1 245	0 47	1 58	253	0	Nosema	1	NRCPLLGTRIK	11	ABO69719 1	unknown	0 9659
26	2008-03-05-06 2133 2133 3 out	1217 5	1 65	0 41	1 56	83	0 693	IIV6	1	M*SDTQEYSIK	11	NP_149538 1	075L	0 9751
10	2008-03-05-06 7239 7239 2 out	813 6	1 047	0 35	1 55	177	0	Nosema	1	LLVVNKK	7	BAC15534 1	elongation factor 1 alpha	0 9831
14	2008-03-05-06 7453 7453 2 out	916 4	0 164	0 47	1 55	326	0	ABPVIABPVIABPVIABPVIABPVIABPVIABPVIABPVIABPVIKBV	18	RATM*CYR	8	AAK58199 1	structural protein	0 9988
31	2008-03-05-06 3893 3893 3 out	1271 7	1 572	0 39	1 53	134	0 693	Nosema	1	EIYTDKIDFK	10	ABO69726 1	unknown	0 9718
55	2008-03-05-06 3925 3925 3 out	2024	0 057	0 47	1 53	74	1 099	Nosema	1	KNPM*DTVQTLSVDVPVHK	19	AAC47659 1	unknown	0 9832
38	2008-03-05-06 5742 5742 3 out	1413 9	1 24	0 38	1 51	218	0	Nosema	1	EVLIKNKELLSK	12	ABV48897 1	hypothetical spore wall protein	0 9723

Test 88

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
98	2008-03-05-08 4024 4024 2 out	1614 9	0 636	0 26	2 42	609	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 989
6	2008-03-05-08 2775 2775 1 out	715 4	0 045	0 07	2 11	339	0	IIV6	1	NIIIDK	6	NP_149495 1	032R	1
76	2008-03-05-08 3237 3237 2 out	1032 5	1 184	0 22	2 1	228	0 693	Nosema	1	LELGNPFSR	9	ABE26648 1	pol polyprotein	0 9974
35	2008-03-05-08 812 812 2 out	802 5	0 705	0 21	2 08	299	0	ABPV|ABPV|ABPV	3	KAMIALR	7	AAL05919 1	capsid polyprotein	0 9514
86	2008-03-05-08 3997 3998 2 out	1205 7	0 783	0 36	2 07	213	0 693	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	1
28	2008-03-05-08 726 726 2 out	773 5	1 535	0 02	2 05	319	0	IIV6	1	KLDELR	6	NP_149695 1	232R	0 9847
16	2008-03-05-08 2158 2158 2 out	743 5	1 585	0 14	2 04	369	0	IIV6	1	QVKKIK	6	NP_149486 1	023L	0 9679
26	2008-03-05-08 980 980 2 out	759 5	1 411	0 12	2 02	257	0	IIV6	1	KNKEIK	6	NP_149864 1	401R	0 994
54	2008-03-05-08 2176 2176 2 out	867 5	1 606	0 16	2	297	1 099	IIV6	1	KLHDVKK	7	NP_149750 1	287R	0 9962
12	2008-03-05-08 670 670 2 out	729 5	0 566	0 16	1 99	169	0 693	IIV6	1	KSPAAKK	7	NP_149872 1	411L	0 9789
63	2008-03-05-08 938 938 2 out	938 5	1 456	0 19	1 95	451	0	IIV6	1	NINHSILK	8	NP_149513 1	050L	0 9973
52	2008-03-05-08 2992 2992 2 out	862 5	0 969	0 19	1 93	270	1 099	Nosema	1	KNKMTLK	7	ABQ69713 1	Sec61alpha	0 9833
30	2008-03-05-08 1999 2000 2 out	778 4	1 413	0 1	1 92	136	1 609	Nosema	1	M*NLKTR	7	AAC47659 1	unknown	0 9549
36	2008-03-05-08 2631 2631 2 out	807 5	1 728	0 1	1 92	316	0	Nosema	1	FMLAGLR	7	AAU11091 1	class-II photolyase	0 981
97	2008-03-05-08 3280 3280 2 out	1608 8	1 22	0 45	1 9	184	0	KBV	1	WFADIVGGVAAIFGW	15	YP_308661 1	VP4	0 9951
46	2008-03-05-08 3146 3146 2 out	828 5	1 019	0 11	1 87	365	0	Nosema	1	ELGGLLAR	8	AAQ91616 1	unknown	0 9502
81	2008-03-05-08 1612 1612 3 out	1142 7	1 756	0 39	1 87	936	0	IIV6	1	KDIAISKVLR	10	NP_149485 1	022L	1
99	2008-03-05-08 3907 3907 2 out	1621 8	0 149	0 23	1 87	141	1 609	IIV6	1	FKGELRDNQM*IVR	14	NP_149624 1	161L	0 9678
68	2008-03-05-08 1015 1015 2 out	978 5	0 647	0 24	1 84	293	1 386	Nosema	1	KVSRFGER	8	ABE26655 1	pol polyprotein	0 9969
72	2008-03-05-08 2710 2710 2 out	989 5	0 187	0 22	1 83	414	1 099	IIV6	1	DKKLNESR	8	NP_149639 1	176R	0 9972
13	2008-03-05-08 698 698 2 out	731 4	1 491	0 13	1 81	153	1 386	IIV6	1	VKDELK	6	NP_149469 1	006L	0 9869
14	2008-03-05-08 992 992 2 out	731 5	1 415	0 08	1 81	227	0 693	IIV6	1	QTKKVK	6	NP_149705 1	242L	0 9949
19	2008-03-05-08 949 949 2 out	746 4	0 867	0 13	1 81	249	1 099	IIV6	1	EDVKKK	6	NP_149832 1	369L	0 9924
84	2008-03-05-08 2883 2883 2 out	1164 6	1 203	0 32	1 81	241	0	IIV6	1	KVKNQCESTK	10	NP_149813 1	350L	0 9953
10	2008-03-05-08 1098 1098 2 out	725 3	0 357	0 17	1 8	100	2 708	Nosema	1	QFSDTQ	6	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9627
20	2008-03-05-08 2662 2662 2 out	749 3	0 033	0 13	1 8	295	2 079	Nosema	1	DMNDVR	6	ABE27264 1	unknown	0 9777
60	2008-03-05-08 3255 3255 2 out	914 6	0 485	0 18	1 79	191	0	IIV6	1	LINDLAKK	8	NP_149647 1	184R	0 9974
18	2008-03-05-08 664 664 2 out	744 5	0 626	0 1	1 78	494	0	Nosema	1	KLIENK	6	AAB62548 1	glutaminyl-tRNA synthetase	0 9646
71	2008-03-05-08 991 991 2 out	983 4	0 284	0 21	1 77	136	2 398	IIV6	1	DTEM*KTDK	9	NP_149856 1	393L	0 9898
55	2008-03-05-08 3525 3525 2 out	880 4	0 643	0 19	1 76	135	1 792	IIV6	1	IDGVDSFK	8	NP_149485 1	022L	0 983
29	2008-03-05-08 1774 1774 2 out	777 4	1 388	0 1	1 74	367	0	IIV6	1	KSDNGEK	7	NP_149748 1	285L	0 9903
53	2008-03-05-08 1502 1502 2 out	866 5	0 385	0 21	1 74	180	1 099	Nosema	1	FASFAPAR	8	AAT12295 1	phospholipase D	0 994
85	2008-03-05-08 4118 4118 2 out	1181 7	1 917	0 26	1 74	212	0	IIV6	1	AGDAIPQIIGVK	12	NP_149668 1	205R	0 998
94	2008-03-05-08 4560 4560 3 out	1430 7	1 098	0 45	1 74	217	0 693	IIV6	1	NDYKSDLY|DGK	12	NP_149618 1	155L	0 9516
15	2008-03-05-08 2020 2020 2 out	732 4	0 46	0 14	1 73	236	1 386	Nosema	1	EINNDK	6	ABE26653 1	pol polyprotein	0 9982
40	2008-03-05-08 2846 2846 2 out	817 5	0 798	0 2	1 73	355	1 099	IIV6	1	LICEALR	7	NP_149586 1	122R	0 9792
45	2008-03-05-08 622 622 2 out	826 5	0 93	0 16	1 73	171	1 386	IIV6	1	KILDIPK	7	NP_149707 1	244L	0 9983
7	2008-03-05-08 1423 1423 2 out	717 4	0 647	0 14	1 71	197	1 099	IIV6	1	ITTVGAR	7	NP_149548 1	085L	0 9827
47	2008-03-05-08 2800 2800 2 out	830 5	0 406	0 22	1 71	203	2 079	gi	1	GGQLAGVTK	9	YP_654600 1	hypothetical protein MIV028R	0 9941
1	2008-03-05-08 3333 3333 2 out	700 5	0 536	0 46	1 7	281	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 966
3	2008-03-05-08 1243 1243 2 out	703 4	0 641	0 15	1 7	298	0	gi	1	ENVITK	6	YP_654658 1	hypothetical protein MIV086L	0 9856
31	2008-03-05-08 1668 1668 2 out	780 4	0 854	0 21	1 7	338	1 609	IIV6	1	PFQM*GGK	8	NP_149731 1	268L	0 9527
48	2008-03-05-08 1087 1087 2 out	832 5	0 495	0 14	1 7	266	0	DWV|DWV|DWV|Kakugo	4	QIRM*LR	7	NP_853560 2	polyprotein	0 9512
64	2008-03-05-08 4142 4142 2 out	942 6	0 86	0 29	1 7	199	0	IIV6	1	LVKNDILK	8	NP_149527 1	064L	0 9887
70	2008-03-05-08 1687 1687 2 out	980 6	0 343	0 2	1 7	309	0	IIV6	1	SPNISIPPR	9	NP_149910 1	447L	0 9888
62	2008-03-05-08 1278 1278 2 out	921 6	1 106	0 41	1 69	247	0	IIV6	1	SLRSFAIK	8	NP_149767 1	304R	0 9506
100	2008-03-05-08 3993 3994 2 out	1763 1	0 32	0 29	1 69	463	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9924
57	2008-03-05-08 2001 2001 2 out	892 5	0 54	0 19	1 67	262	0	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 9872
25	2008-03-05-08 2398 2398 2 out	759 4	0 536	0 31	1 66	243	0 693	Nosema	1	LAVNM*VP	8	AAB12038 1	beta-tubulin	0 9984
61	2008-03-05-08 1110 1110 2 out	921 5	1 355	0 17	1 65	209	0	gi	1	SSLMDQLK	8	YP_654601 1	hypothetical protein MIV029R	0 9504
73	2008-03-05-08 3960 3960 2 out	1008 6	0 9	0 34	1 63	127	0 693	Nosema	1	SLSHPNILK	9	AAL28053 1	AF406785_2 checkpoint protein kinase	0 9661
67	2008-03-05-08 2082 2082 2 out	949 5	0 977	0 22	1 6	171	0	IIV6	1	ELM*DALNK	9	NP_149864 1	401R	0 993
38	2008-03-05-08 1316 1316 2 out	812 4	0 493	0 22	1 58	212	0 693	Nosema	1	KYMENK	6	ABE27277 1	unknown	0 9956
17	2008-03-05-08 1143 1143 2 out	744 4	0 847	0 25	1 57	199	1 099	IIV6	1	QALWAR	6	NP_149878 1	415R	0 9967
87	2008-03-05-08 6068 6068 2 out	1208 6	0 861	0 3	1 57	119	1 386	Nosema	1	DPFPEIDM*TK	11	ABV48892 1	hypothetical spore wall protein	0 9717
24	2008-03-05-08 1653 1653 2 out	756 4	0 509	0 18	1 55	209	0 693	Nosema	1	FEAYVK	6	AAL28053 1	AF406785_2 checkpoint protein kinase	0 992
32	2008-03-05-08 1314 1314 2 out	784 5	0 443	0 21	1 55	166	1 099	VDV1|VDV1	2	QVRLLR	6	YP_145791 1	polyprotein	0 985
93	2008-03-05-08 2868 2868 2 out	1383 7	0 098	0 22	1 54	106	0 693	Nosema	1	ENMAGKRSFDTK	12	ABE26650 1	pol polyprotein	0 9962
43	2008-03-05-08 2701 2701 2 out	820 5	0 212	0 23	1 53	346	0	gi	1	RAVTM*VK	8	YP_654627 1	hypothetical protein MIV055R	0 9881
78	2008-03-05-08 4695 4695 2 out	1055 6	1 804	0 42	1 52	208	0 693	Nosema	1	LVKEPNLSR	9	AAT72743 1	translation elongation factor 2	0 9567
96	2008-03-05-08 3871 3871 2 out	1516 8	0 693	0 37	1 52	120	0	ABPV|ABPV|ABPV	3	NNPNKM*TTPVKEK	14	AAL05919 1	capsid polyprotein	1

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Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
8	2008-03-05-09 2302 2302 2 out	892 5	0 654	0 48	2 15	442	0	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 9713
17	2008-03-05-09 3938 3938 2 out	1143 6	1 727	0 53	2 15	213	0	Nosema|Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9749
18	2008-03-05-09 3063 3063 3 out	1171 7	0 764	0 22	2 14	337	0	IIV6	1	EDKLPLSEIK	10	NP_149752 1	289L	0 9525
5	2008-03-05-09 2720 2720 2 out	807 5	1 682	0 2	2 07	276	0	Nosema	1	FMLAGLR	7	AAU11091 1	class-II photolyase	0 9771
29	2008-03-05-09 4027 4027 3 out	1528 8	1 352	0 28	1 93	169	0	ABPV|ABPV|ABPV	14	DNISPDLTQLDGIK	14	NP_066242 1	capsid protein	0 9583
19	2008-03-05-09 2998 2998 2 out	1197 8	0 136	0 38	1 83	213	0 693	IIV6	1	ESILILLLRK	10	NP_149671 1	208L	0 9818
11	2008-03-05-09 2630 2630 2 out	976 4	0 684	0 23	1 82	460	0	Nosema	1	ENVENDEK	8	ABV48898 1	hypothetical spore wall protein	0 9775
24	2008-03-05-09 2366 2366 3 out	1234 7	0 98	0 5	1 82	258	0	gi	1	AQHPELKHFK	10	YP_654658 1	hypothetical protein MIV086L	0 9893
10	2008-03-05-09 1927 1927 2 out	950 6	0 309	0 36	1 8	299	0	IIV6	1	KFASTIGVK	9	NP_149864 1	401R	0 9984
28	2008-03-05-09 1485 1485 3 out	1510 8	1 589	0 3	1 79	224	1 386	gi	1	SIFVEWAQQGFAK	13	YP_654692 1	hypothetical protein MIV120R	0 9622
14	2008-03-05-09 3379 3379 2 out	1071 6	0 441	0 27	1 76	182	0	IIV6	1	GKVEIFHNK	9	NP_149917 1	454R	0 9941
30	2008-03-05-09 4160 4160 3 out	1538 7	0 13	0 5	1 71	288	0	Nosema	1	SM*GVVGTGSPGTM*AVR	18	AAT12294 1	beta transducin repeat containing protein-like	0 9999
4	2008-03-05-09 2332 2332 2 out	802 4	0 913	0 41	1 7	357	0	SV|SV|SV|SV	4	TLDQLGR	7	NP_049374 1	polyprotein	0 977
1	2008-03-05-09 3313 3313 2 out	700 5	0 715	0 27	1 69	367	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9975
21	2008-03-05-09 3476 3476 3 out	1214 7	1 124	0 29	1 69	300	0	gi	1	IECRRTPIVK	10	YP_654658 1	hypothetical protein MIV086L	0 9933
2	2008-03-05-09 2728 2728 2 out	705 4	0 14	0 27	1 65	332	0	IIV6	1	DDLKSK	6	NP_149463 1	468L	0 9893
7	2008-03-05-09 2811 2811 2 out	836 5	0 683	0 34	1 65	398	0 693	Nosema	1	HIPKTLK	7	ABE26648 1	pol polyprotein	0 9981
6	2008-03-05-09 1624 1624 2 out	820 4	0 227	0 32	1 61	304	0	KBV	1	QIDVSMQ	7	YP_308662 1	VP2	1
15	2008-03-05-09 2761 2761 3 out	1076 6	1 514	0 33	1 59	150	1 099	IIV6	1	KVNFLHRY	8	NP_149494 1	031R	0 9941
23	2008-03-05-09 2008 2008 3 out	1231 7	1 16	0 4	1 58	284	0	gi	1	LM*IAGTTPRKK	12	YP_654588 1	hypothetical protein MIV016R	0 9933
9	2008-03-05-09 857 857 2 out	922 4	1 105	0 32	1 56	182	0	IIV6	1	DREMMIK	7	NP_149469 1	006L	0 9827
31	2008-03-05-09 2763 2763 3 out	1552 7	1 029	0 3	1 56	220	0	Nosema|Nosema	2	MPFGLCNAPATFQR	14	ABE26654 1	pol polyprotein	0 9712
3	2008-03-05-09 2775 2775 2 out	755 4	0 418	0 36	1 53	133	1 099	SV|SV|SV|SV|SV	5	LGFPHGK	7	NP_049374 1	polyprotein	0 9616
33	2008-03-05-09 4657 4657 3 out	1939 9	0 61	0 37	1 52	224	0	IIV6	1	STM*PGIPFETPVGYGSGAR	20	NP_149676 1	213R	0 9547

Test 90

Sr.No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Referanca	No	Peptide	AA	ID#	Protein	PP
65	2009-03-18-07 3996 3996 2 out	1790 9	1 483	0 61	3 52	784	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9815
55	2009-03-18-07 4065 4065 2 out	1614 9	0 591	0 38	2 7	792	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9714
52	2009-03-18-07 3280 3280 3 out	1559 8	1 427	0 52	2 5	653	0	IIV6	1	M*DETQQLLYKFK	13	NP_149668 1	205R	0 9894
46	2009-03-18-07 3735 3735 2 out	1432 8	0 465	0 41	2 35	835	0	gi	1	AM*VLDILKELGSK	14	YP_654651 1	hypothetical protein MIV079L	0 9599
60	2009-03-18-07 4281 4281 3 out	1668	1 811	0 33	2 3	393	0	Nosema	1	IKVIQEVQIDILEK	14	ABE27269 1	unknown	0 9894
41	2009-03-18-07 3894 3894 2 out	1329 8	1 558	0 38	2 14	179	1 099	IIV6	1	VEKGLSISQIKK	12	NP_149608 1	145L	0 9832
58	2009-03-18-07 4206 4207 2 out	1648 8	0 668	0 39	2 11	270	0	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0 9571
39	2009-03-18-07 4009 4009 2 out	1270 8	1 449	0 25	2 09	396	0	Nosema	1	NINTVKEVLIK	11	ABV48897 1	hypothetical spore wall protein	0 9964
51	2009-03-18-07 3809 3810 3 out	1536 8	0 587	0 3	2 02	286	0	IIV6	1	SPKSM*TVQSIAFPK	15	NP_149829 1	366R	0 9915
22	2009-03-18-07 2839 2839 3 out	1118 6	1 799	0 31	2	589	0	ABPV	1	VDLCAEVKNK	10	NP_066241 1	replicasa polyprotein	0 957
42	2009-03-18-07 3096 3096 2 out	1344 7	0 363	0 25	1 97	431	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 994
48	2009-03-18-07 1461 1461 3 out	1468 8	0 82	0 5	1 93	271	0	Nosema	1	KYELEGAPGHVIR	13	ABM26977 1	RNA polymerase II largest subunit	0 958
25	2009-03-18-07 3905 3905 2 out	1134 6	1 487	0 37	1 91	303	0	IAPV|IAPV	2	VQKNNPSGYK	10	YP_001040003 1	structural polyprotein	0 9864
63	2009-03-18-07 4072 4072 2 out	1765 9	1 615	0 35	1 91	516	0	IIV6	1	TYTPAGM*DKWPVEVR	16	NP_149530 1	067R	0 9951
8	2009-03-18-07 2272 2272 2 out	892 5	0 513	0 23	1 9	284	0	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 9944
43	2009-03-18-07 3873 3873 2 out	1377 7	0 554	0 26	1 9	110	0	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9834
61	2009-03-18-07 7109 7109 3 out	1750 9	0 425	0 46	1 88	181	1 099	IAPV|IAPV	2	VDLCAEVRNKVEFTK	15	YP_001040002 1	polymerase polyprotein	1
35	2009-03-18-07 2917 2917 2 out	1243 7	0 591	0 32	1 84	686	0	IIV6	1	IEELKIEELK	10	NP_149512 1	049L	0 9928
7	2009-03-18-07 3768 3768 2 out	880 5	1 623	0 42	1 83	280	0	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 9873
32	2009-03-18-07 3852 3852 2 out	1213 7	1 609	0 28	1 83	720	0	IIV6	1	ELNQILDKIK	10	NP_149916 1	453L	0 9896
20	2009-03-18-07 4564 4564 3 out	1099 6	0 488	0 31	1 81	129	0 693	gi	1	QSSGGPSPVKR	11	YP_654646 1	hypothetical protein MIV074L	0 9724
64	2009-03-18-07 3507 3507 3 out	1776 9	1 763	0 35	1 79	156	0	Nosema	1	MVCEDCNNRQPVIKK	15	AAD12605 1	RNA polymerase II largest subunit	0 9943
23	2009-03-18-07 2779 2779 3 out	1120 5	0 31	0 33	1 77	223	1 386	Nosema	1	IDEMGADIEK	10	ABE27267 1	unknown	0 9958
5	2009-03-18-07 7278 7278 2 out	762 4	0 304	0 37	1 75	158	2 197	Nosema|Nosema|Nosema	3	KLDMGAK	7	ABM26981 1	RNA polymerase II largest subunit	0 9946
37	2009-03-18-07 4593 4593 3 out	1255 7	0 34	0 4	1 75	142	1 099	Nosema	1	RFDNSVYARK	10	ABV48899 1	hypothetical spore wall protein	0 9719
4	2009-03-18-07 2584 2584 2 out	759 4	0 441	0 29	1 73	203	0	Nosema	1	LAVNM*VP	8	AAB12038 1	beta-tubulin	0 9721
67	2009-03-18-07 4395 4395 2 out	1947 8	1 803	0 46	1 72	126	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spore wall protein	0 9794
38	2009-03-18-07 3045 3046 2 out	1258 7	0 781	0 49	1 7	265	0	IIV6	1	NKSPLLNESEK	11	NP_149523 1	060L	0 9779
69	2009-03-18-07 3661 3661 3 out	2599 6	1 429	0 36	1 68	132	0 693	IIV6	1	MILILTIIVGFLIYFVTAKRFK	22	NP_149820 1	357R	0 9839
31	2009-03-18-07 2391 2391 3 out	1207 7	1 53	0 43	1 66	378	0	ABPV	1	KIAGIHVAGDAR	12	NP_066241 1	replicase polyprotein	0 9658
53	2009-03-18-07 1662 1662 3 out	1575 9	0 004	0 38	1 66	135	0 693	IIV6	1	SLRSFAIKNAITVR	14	NP_149767 1	304R	0 9738
10	2009-03-18-07 4523 4523 2 out	954 4	1 036	0 44	1 65	185	1 099	Nosema	1	DTDSFEIK	8	ABV48893 1	hypothetical spore wall protein	0 9659
33	2009-03-18-07 5260 5260 3 out	1228 6	1 957	0 4	1 65	208	0	Nosema	1	IYSLDFWER	9	ABV48891 1	spora wall protein	0 9999
3	2009-03-18-07 2668 2668 2 out	752 4	0 696	0 28	1 64	291	0	IIV6	1	ISEYIK	6	NP_149722 1	259R	0 9877
18	2009-03-18-07 4417 4417 3 out	1080 6	0 399	0 33	1 64	201	1 099	Nosema	1	QKSYDQRR	8	ABV48899 1	hypothetical spore wall protein	0 9923
49	2009-03-18-07 3912 3912 2 out	1476 7	0 336	0 34	1 64	306	0	ABPV	1	NNSNKM*ATPVKEK	14	NP_066242 1	capsid protein	0 9965
59	2009-03-18-07 3453 3453 3 out	1664 8	0 266	0 52	1 64	179	0	Nosema	1	M*VCEDCNNRQPVIK	15	AAD12605 1	RNA polymerase II largest subunit	0 9595
57	2009-03-18-07 4719 4719 2 out	1639 9	1 623	0 41	1 62	152	0	gi	1	MLYLVALQYALDVK	14	YP_654660 1	hypothetical protein MIV088R	0 9874
13	2009-03-18-07 6105 6106 3 out	1054 6	1 536	0 31	1 6	340	0	IIV6	1	QLKIYDFK	8	NP_149902 1	439L	0 9648
29	2009-03-18-07 2953 2953 2 out	1194 6	0 739	0 44	1 59	141	0	IIV6	1	EAM*EEIKSNK	11	NP_149485 1	022L	0 9942
62	2009-03-18-07 4002 4002 2 out	1763 1	1 237	0 41	1 57	385	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9865
17	2009-03-18-07 5400 5400 3 out	1077 5	0 89	0 43	1 55	118	1 609	ABPV	1	INSDGELDSK	10	NP_066241 1	replicase polyprotein	0 9993
21	2009-03-18-07 2485 2485 3 out	1115 6	1 606	0 48	1 55	149	0	gi	1	LNLDSKGQIK	10	YP_654669 1	hypothetical protein MIV097L	0 9703
34	2009-03-18-07 1846 1846 3 out	1231 7	1 587	0 33	1 55	446	0	gi	1	LM*IAGTTPRKK	12	YP_654588 1	hypothetical protein MIV016R	0 9789
24	2009-03-18-07 7234 7234 3 out	1127 6	1 493	0 37	1 51	321	0	Nosema	1	KAFYTGTLVK	10	ABL61510 1	beta-tubulin	0 9998
47	2009-03-18-07 4043 4043 2 out	1468 7	0 374	0 43	1 51	351	0	IAPV|IAPV	2	NAGIKMTMRDFGK	13	YP_001040002 1	polymerase polyprotein	0 9758
27	2009-03-18-07 5987 5987 3 out	1188 7	0 131	0 35	1 5	122	0 693	Nosema	1	VRVMEGKTLR	10	ABM26981 1	RNA polymerase II largest subunit	0 954
50	2009-03-18-07 4059 4060 2 out	1513	1 634	0 39	1 5	138	0	IIV6	1	LILIASLVLLLFGK	14	NP_149676 1	213R	0 9666

Test 91

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
71	2009-03-18-08 4003 4003 2 out	1790 9	0 649	0 64	3 51	762	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9957
1	2009-03-18-08 3243 3243 2 out	700 5	0 14	0 28	2 16	369	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 954
67	2009-03-18-08 4283 4284 2 out	1648 8	0 71	0 25	2 15	282	0 693	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0 9884
63	2009-03-18-08 4463 4463 3 out	1540 7	0 426	0 26	2 13	465	0	IIV6	1	HMYESIESYLLR	12	NP_149540 1	077L	0 9749
29	2009-03-18-08 3327 3327 2 out	1071 6	0 501	0 24	2 12	459	0 693	IIV6	1	VNIQNKDIK	9	NP_149674 1	211L	0 9665
41	2009-03-18-08 3846 3846 2 out	1213 7	1 567	0 25	2 12	696	0	IIV6	1	ELNQILDKIK	10	NP_149916 1	453L	0 9907
52	2009-03-18-08 3113 3113 2 out	1344 7	0 32	0 22	2 1	421	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9747
65	2009-03-18-08 4297 4297 2 out	1614 9	0 542	0 3	2 04	669	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9863
54	2009-03-18-08 3941 3941 2 out	1362 8	0 522	0 23	2 03	232	0	IIV6	1	PFFANLLSVLNK	12	NP_149508 1	045L	0 9844
57	2009-03-18-08 3963 3963 2 out	1384 8	1 776	0 25	2 03	422	0	IIV6	1	FVGADVVLLEPII	13	NP_149910 1	447L	0 9606
8	2009-03-18-08 664 664 2 out	763 5	0 81	0 17	2	246	0	IIV6	1	KFNKVK	6	NP_149758 1	295L	0 9601
66	2009-03-18-08 3780 3780 3 out	1630 8	1 576	0 33	1 98	355	0 693	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9843
6	2009-03-18-08 1009 1009 2 out	759 5	1 389	0 13	1 97	171	0	IIV6	1	KNKEIK	6	NP_149864 1	401R	0 9575
22	2009-03-18-08 2148 2148 2 out	892 5	0 489	0 33	1 97	434	0	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 9832
25	2009-03-18-08 3377 3377 2 out	978 5	0 592	0 23	1 97	324	0 693	IIV6	1	SMLKQMLK	8	NP_149751 1	288R	0 9891
48	2009-03-18-08 3967 3967 2 out	1268 8	1 603	0 45	1 97	447	0	IIV6	1	IFIKFMLKTK	10	NP_149718 1	255L	0 9953
20	2009-03-18-08 2564 2564 2 out	878 5	0 13	0 22	1 96	275	0 693	gi	1	KGCKTTIK	8	YP_654593 1	hypothetical protein MIV021L	0 9593
36	2009-03-18-08 1674 1674 2 out	1142 7	0 706	0 3	1 96	438	0	IIV6	1	KDIAISKVLR	10	NP_149485 1	022L	0 9859
61	2009-03-18-08 3734 3734 2 out	1432 8	0 523	0 31	1 96	724	0	gi	1	AM*VLDILKELGSK	14	YP_654651 1	hypothetical protein MIV079L	0 9787
11	2009-03-18-08 7263 7263 2 out	775 4	1 516	0 34	1 91	470	0	Kakugo	1	VQISSNK	7	YP_015696 1	polyprotein	0 9928
10	2009-03-18-08 1866 1866 2 out	771 5	1 517	0 26	1 9	533	0	Nosema	1	RIEILK	6	ABE27266 1	unknown	0 9892
60	2009-03-18-08 4052 4052 2 out	1428 7	1 416	0 33	1 9	237	0	KBV	1	AAVRMTM*RDFSK	13	AAF21998 1	RNA polymerase	0 9941
27	2009-03-18-08 4589 4589 2 out	994 4	0 666	0 27	1 83	183	1 792	KBV|KBV|KBV	3	MNNEALM*R	9	YP_308663 1	VP3	0 9931
51	2009-03-18-08 3585 3585 2 out	1333 6	1 701	0 33	1 83	428	0	Nosema	1	EM*EIYNESFR	11	ABE27264 1	unknown	0 9956
55	2009-03-18-08 3993 3993 2 out	1377 7	1 684	0 41	1 83	100	0	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9872
49	2009-03-18-08 4223 4223 2 out	1285 7	1 058	0 52	1 81	1279	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9827
23	2009-03-18-08 1403 1403 2 out	920 5	0 87	0 23	1 8	381	0	Nosema	1	MSEIITVK	8	AAT72741 1	deoxyuridine 5' triphosphate nucleotidehydrolas	0 9881
69	2009-03-18-08 4302 4302 2 out	1746 8	1 584	0 36	1 8	208	0	IIV6	1	NCQEKETIYSDNFR	14	NP_149500 1	037L	0 9851
72	2009-03-18-08 4121 4121 3 out	2627 3	0 954	0 42	1 78	313	0	Nosema	1	FSSGDNTKSYELPDGQVIKIGSER	24	AAB86863 1	actin	0 9752
15	2009-03-18-08 1226 1226 2 out	822 5	0 085	0 22	1 74	441	0	IIV6	1	KLPSHLK	7	NP_149590 1	127L	0 9908
68	2009-03-18-08 3584 3584 2 out	1691	1 736	0 37	1 73	237	0	VDV1|VDV1	2	FCKVKVWLQAIIDK	14	YP_145791 1	polyprotein	0 9639
19	2009-03-18-08 2275 2275 2 out	867 5	1 8	0 33	1 68	230	1 099	IIV6	1	KLHDVKK	7	NP_149750 1	287R	0 978
30	2009-03-18-08 5868 5868 3 out	1076 5	1 919	0 39	1 63	156	0	IIV6	1	TVIDIGCGNGK	11	NP_149698 1	235L	0 9849
17	2009-03-18-08 1823 1823 2 out	859 5	0 433	0 28	1 59	147	0 693	Nosema	1	VILTDNGK	8	ABE26655 1	pol polyprotein	0 9821
24	2009-03-18-08 3162 3162 2 out	930 5	0 483	0 42	1 58	297	0	IIV6	1	EAIDILEK	8	NP_149624 1	161L	0 9934
50	2009-03-18-08 3489 3489 2 out	1285 8	1 264	0 41	1 57	364	0	Nosema	1	ACVAKLLVVNKK	12	BAC15534 1	elongation factor 1 alpha	0 9939
14	2009-03-18-08 2009 2009 2 out	812 4	1 806	0 47	1 55	193	0	Nosema	1	TIEM*M*R	8	ABV48900 1	hypothetical spora wall protein	0 9973
26	2009-03-18-08 1729 1729 2 out	989 6	0 375	0 27	1 53	376	0	gi	1	TVCRLLER	8	YP_654695 1	hypothetical protein MIV123L	0 9854
38	2009-03-18-08 3381 3381 2 out	1154 5	0 463	0 28	1 53	369	0	Nosema	1	MEDSKSSENK	10	AAQ91615 1	group II large subunit catalase	0 9721
47	2009-03-18-08 3025 3025 2 out	1258 7	0 518	0 37	1 53	296	0	IIV6	1	NKSPLLNESEK	11	NP_149523 1	060L	0 9954
13	2009-03-18-08 2484 2484 2 out	808 5	0 558	0 29	1 52	74	0 693	IIV6	1	KIGYSIK	7	NP_149888 1	425R	0 9918
12	2009-03-18-08 1411 1411 2 out	784 5	0 452	0 29	1 51	197	0 693	VDV1|VDV1	2	QVRLLR	6	YP_145791 1	polyprotein	0 9688

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Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
47	2009-03-18-09 2670 2670 2 out	1171 6	0 413	0 37	2 63	864	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9663
68	2009-03-18-09 4037 4037 2 out	1614 9	0 452	0 27	2 2	693	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9527
22	2009-03-18-09 2158 2158 2 out	892 5	0 599	0 32	2 11	356	0	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 9606
59	2009-03-18-09 3493 3494 2 out	1485 9	0 601	0 39	2 07	591	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9721
8	2009-03-18-09 723 723 2 out	731 4	1 661	0 07	2 05	217	1 386	IIV6	1	VKDELK	6	NP_149469 1	006L	0 9786
55	2009-03-18-09 3962 3962 2 out	1384 8	0 125	0 32	2 02	456	0	IIV6	1	FVGADVVLLEPII	13	NP_149910 1	447L	0 9603
28	2009-03-18-09 1036 1036 2 out	938 5	1 144	0 22	1 99	379	0	IIV6	1	NINHSILK	8	NP_149513 1	050L	0 9737
24	2009-03-18-09 3278 3278 2 out	914 6	0 015	0 14	1 85	195	0 693	IIV6	1	LINDLAKK	8	NP_149647 1	184R	0 9685
50	2009-03-18-09 3863 3863 2 out	1213 7	1 509	0 22	1 85	867	0	IIV6	1	ELNQILDKIK	10	NP_149916 1	453L	0 9646
70	2009-03-18-09 4106 4106 2 out	1763 1	1 224	0 47	1 83	222	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9708
71	2009-03-18-09 4447 4447 2 out	1773 1	0 524	0 45	1 83	358	0	Nosema	1	ILVGLEAKDNLLIHPK	16	BAF76326 1	heat shock protein 70	0 958
61	2009-03-18-09 4494 4494 2 out	1492 9	0 623	0 27	1 81	219	1 792	Nosema	1	VLDNRHLGSIKLK	13	BAF76326 1	heat shock protein 70	0 9777
65	2009-03-18-09 3255 3255 2 out	1557 9	1 382	0 39	1 8	85	0	gi	1	WKIISTIQDKVVK	13	YP_654658 1	hypothetical protein MIV086L	0 9777
60	2009-03-18-09 4663 4663 2 out	1492 8	0 264	0 22	1 79	474	0	Nosema	1	AMKAMGLGTTTIGLK	15	AAF91269 1	20S proteasome alpha 5 subunit	0 9748
30	2009-03-18-09 2736 2736 2 out	989 5	0 216	0 31	1 74	351	0	IIV6	1	DKKLNESR	8	NP_149639 1	176R	0 9522
67	2009-03-18-09 1843 1843 3 out	1607 8	1 516	0 35	1 73	195	1 099	IIV6	1	NVLSM*WSQPSMRR	14	NP_149790 1	327R	0 9689
25	2009-03-18-09 918 918 2 out	915 5	1 439	0 17	1 7	212	0	IIV6	1	KAIKNADR	8	NP_149764 1	301L	0 9597
66	2009-03-18-09 3517 3517 2 out	1596 8	0 291	0 26	1 68	179	0	Nosema	1	EARFNEIKSEM*AR	14	BAC15534 1	elongation factor 1 alpha	0 9648
3	2009-03-18-09 1264 1264 2 out	712 5	0 381	0 28	1 67	261	0	Nosema	Nosema	5	QPVIKK	6	ABM26981 1	RNA polymerase II largest subunit	0 9801
37	2009-03-18-09 7122 7122 3 out	1076 7	1 13	0 46	1 64	230	0	IIV6	1	KHNVRPVVK	9	NP_149798 1	335L	1
18	2009-03-18-09 1415 1415 1 out	817 4	0 043	0 36	1 63	778	0	Nosema	1	NESNLLK	7	ABE27273 1	unknown	1
1	2009-03-18-09 7019 7019 2 out	700 5	0 557	0 25	1 61	165	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9549
11	2009-03-18-09 7473 7473 2 out	747 4	1 553	0 3	1 61	479	0	BQCV	1	AKESKGK	7	NP_620565 1	structural polyprotein	0 9601
31	2009-03-18-09 1766 1766 2 out	989 6	0 354	0 24	1 6	385	0	gi	1	TVCRLLER	8	YP_654695 1	hypothetical protein MIV123L	0 9552
40	2009-03-18-09 4070 4070 2 out	1122 5	0 618	0 39	1 6	150	0 693	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9538
44	2009-03-18-09 1652 1652 2 out	1142 7	0 701	0 28	1 6	144	1 386	IIV6	1	KDIAISKVLR	10	NP_149485 1	022L	0 95
58	2009-03-18-09 2858 2858 2 out	1472 8	0 442	0 32	1 57	142	0	gi	1	FIPTATVVVVDPSK	14	YP_654681 1	hypothetical protein MIV109L	0 9602
32	2009-03-18-09 3408 3408 2 out	1040 5	1 623	0 38	1 56	298	0	IIV6	1	EM*M*KINDK	10	NP_149463 1	468L	0 9732
46	2009-03-18-09 3689 3689 2 out	1160 6	0 654	0 34	1 53	296	0	KBV/KBV	2	ITVENALGESK	11	NP_851403 1	non-structural polyprotein	0 9798
56	2009-03-18-09 3501 3501 2 out	1400 7	1 386	0 26	1 52	157	0 693	IIV6	1	NQQRHWQFEK	10	NP_149726 1	263L	0 9559
34	2009-03-18-09 3348 3348 2 out	1048 5	0 476	0 31	1 51	138	1 099	VDV1	1	LDM*GTLNIR	10	ACF24764 1	polyprotein	0 9693
57	2009-03-18-09 4209 4209 2 out	1416 7	1 253	0 33	1 51	144	0 693	IIV6	1	LDTLVDQNEELK	12	NP_149675 1	212L	0 9701
20	2009-03-18-09 2239 2239 2 out	859 5	1 61	0 33	1 5	65	2 944	Nosema	1	IQAESIAK	8	AAT12296 1	phospholipase D	0 9677
39	2009-03-18-09 3333 3333 2 out	1113 6	0 779	0 31	1 5	462	0 693	Nosema	1	RQEAQRLGR	9	AAT12293 1	DNA repair helicase RAD25	0 9551
72	2009-03-18-09 3261 3261 3 out	1784 9	0 24	0 4	1 5	104	2 303	Nosema	1	IFENIVMGFSGISGDAK	17	AAF91269 1	20S proteasome alpha 5 subunit	0 9843

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Sr No	File Name	(M+H)	dM	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
104	2009-03-18-10 3992 3992 2 out	1790.9	0.143	0.59	3.04	820	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863.1	actin	0.9968
60	2009-03-18-10 2624 2624 3 out	1171.6	0.65	0.57	2.65	1399	0	Nosema	1	HKGVMVGMGQK	11	AAB86863.1	actin	1
27	2009-03-18-10 1599 1599 2 out	800.5	0.764	0.26	2.51	525	0	Nosema	1	RIDIAGR	7	AAB86863.1	actin	0.9831
95	2009-03-18-10 4413 4413 2 out	1579.9	1.552	0.49	2.31	667	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770.1	307L	0.9839
36	2009-03-18-10 2085 2085 2 out	892.5	0.536	0.13	2.17	259	0	IIV6	1	ETVGVLFK	8	NP_149770.1	307L	0.9625
90	2009-03-18-10 3827 3827 2 out	1514.8	0.52	0.13	2.07	425	0	Nosema	1	EGAELIDSVLDVVR	14	AAB12038.1	beta-tubulin	0.9962
96	2009-03-18-10 4295 4295 2 out	1614.9	0.321	0.34	2.06	393	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9868
62	2009-03-18-10 4012 4012 2 out	1205.7	0.915	0.31	2.04	273	0.693	IIV6	1	VDVSTQTKTVK	11	NP_149655.1	192R	0.9744
97	2009-03-18-10 4298 4298 2 out	1648.8	0.479	0.41	2.02	444	0	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901.1	438L	0.9879
20	2009-03-18-10 1069 1070 2 out	773.5	0.277	0.07	2	188	0	IIV6	1	KLDELR	6	NP_149695.1	232R	0.9924
99	2009-03-18-10 4415 4415 2 out	1700	1.342	0.36	2	256	0	Nosema	1	LNETEQKKNEILK	14	ABE27271.1	unknown	0.9924
7	2009-03-18-10 2220 2220 2 out	743.5	1.595	0.26	1.99	238	0	IIV6	1	QVKKIK	6	NP_149486.1	023L	0.9931
21	2009-03-18-10 1231 1231 2 out	774.4	0.262	0.11	1.97	351	0	IIV6	1	ELKDNR	6	NP_149851.1	388R	0.9978
83	2009-03-18-10 3538 3538 2 out	1459.8	1.635	0.45	1.97	417	0	IIV6	1	MPHYVVVKSPMR	13	NP_149567.1	104L	0.9963
105	2009-03-18-10 4474 4474 2 out	1831.8	1.809	0.39	1.97	214	0	Nosema	1	RMVHSDQFDPEVAER	16	AAC47660.1	mitochondrial-type HSP70	0.9572
5	2009-03-18-10 674 674 2 out	731.4	1.764	0.11	1.95	264	1.386	IIV6	1	VKDELK	6	NP_149469.1	006L	0.9978
85	2009-03-18-10 3296 3296 2 out	1475.6	0.74	0.17	1.95	434	1.099	IIV6	1	EMNNTCSSGYLTR	13	NP_149930.1	467R	0.9895
11	2009-03-18-10 310 310 2 out	761.4	0.237	0.14	1.94	346	0	IIV6	1	EIQLMK	6	NP_149723.1	260R	0.984
54	2009-03-18-10 4651 4651 3 out	1070.7	1.485	0.36	1.93	175	1.099	IIV6	1	ILSQRLNVK	5	NP_149548.1	085L	1
87	2009-03-18-10 4475 4475 2 out	1492.9	0.908	0.24	1.93	220	1.386	Nosema	1	VLDNRHLGSIKLK	13	BAF76326.1	heat shock protein 70	0.9779
94	2009-03-18-10 3263 3263 2 out	1557.9	1.422	0.44	1.93	108	0.693	gi	1	WKISTIQDKVVK	13	YP_654658.1	hypothetical protein MIV086L	0.9947
30	2009-03-18-10 988 988 2 out	858.5	0.463	0.1	1.92	314	0	IIV6	1	ELKDLLK	7	NP_149920.1	457L	0.9942
46	2009-03-18-10 2781 2781 2 out	989.5	0.073	0.33	1.91	452	0	IIV6	1	DKKLNESR	8	NP_149639.1	176R	0.9981
26	2009-03-18-10 506 506 2 out	791.4	0.451	0.29	1.9	226	1.946	Nosema	1	ESKDNAK	7	ABE27277.1	unknown	0.9743
45	2009-03-18-10 3170 3170 2 out	957.6	0.402	0.15	1.87	804	0	Nosema	1	EINLEVLK	8	ABE27271.1	unknown	0.9966
77	2009-03-18-10 3890 3890 2 out	1377.7	0.394	0.18	1.87	146	0	IIV6	1	NENNSVGRTQMK	12	NP_149530.1	067R	0.9693
28	2009-03-18-10 3095 3095 2 out	801.5	1.499	0.15	1.84	630	0	BQCV	1	DLDLVVK	7	NP_620564.1	nonstructural polyprotein	0.9533
31	2009-03-18-10 3091 3091 2 out	860.5	0.139	0.14	1.84	208	0	IIV6	1	KTIELEK	7	NP_149914.1	451L	0.9917
88	2009-03-18-10 4406 4406 2 out	1510.8	1.317	0.24	1.83	233	0	IIV6	1	LKTMNASRISFDK	13	NP_149923.1	460R	0.9935
100	2009-03-18-10 858 858 3 out	1715.9	1.769	0.49	1.83	247	0	IIV6	1	IVENLYLGNIQNGIR	15	NP_149586.1	123R	0.9888
55	2009-03-18-10 3405 3405 2 out	1071.6	0.141	0.32	1.78	417	0.693	IIV6	1	GKVEIFHNK	9	NP_149917.1	454R	0.9764
52	2009-03-18-10 2655 2655 2 out	1034.5	1.28	0.31	1.77	233	0	Nosema	1	KMEEVRAR	9	AAC47660.1	mitochondrial-type HSP70	0.9514
92	2009-03-18-10 3601 3601 2 out	1533.8	0.566	0.22	1.77	347	0.693	gi	1	PVVYSTRDGAEVLK	14	YP_654588.1	hypothetical protein MIV016R	0.9952
9	2009-03-18-10 2071 2071 2 out	746.4	0.804	0.2	1.76	253	0	Nosema	1	KSALCPK	7	AAT12292.1	hypothetical protein	0.968
29	2009-03-18-10 1191 1191 2 out	802.5	0.482	0.17	1.76	257	0	Nosema	1	KSLDVLK	7	ABO69715.1	unknown	0.9935
106	2009-03-18-10 4005 4005 2 out	1843	1.51	0.3	1.74	56	1.099	IIV6	1	RSQFPELKVGPTLENK	16	NP_149758.1	295L	0.9652
70	2009-03-18-10 4231 4231 2 out	1285.7	1.086	0.47	1.71	868	0	IIV6	1	EAQKIEKIGNR	11	NP_149612.1	149L	0.9972
33	2009-03-18-10 2271 2271 2 out	867.5	1.163	0.23	1.7	286	0.693	IIV6	1	KLHDVKK	7	NP_149750.1	287R	0.9857
69	2009-03-18-10 4013 4013 2 out	1270.8	0.152	0.24	1.7	250	0.693	Nosema	1	NINTVKEVLIK	11	ABV48897.1	hypothetical spora wall protein	0.9978
78	2009-03-18-10 3478 3478 2 out	1400.7	1.388	0.23	1.69	88	1.609	IIV6	1	NQQRHVQFEK	10	NP_149726.1	263L	0.9898
38	2009-03-18-10 3227 3227 2 out	915.6	1.474	0.2	1.68	217	0.693	IIV6	1	DLEGKIIK	8	NP_149548.1	085L	0.995
101	2009-03-18-10 4184 4184 2 out	1746.8	0.637	0.31	1.67	256	0	IIV6	1	NCQEKETIYSDNFR	14	NP_149500.1	037L	0.9901
37	2009-03-18-10 1060 1060 2 out	901.5	0.501	0.27	1.66	141	2.303	Nosema	1	ERDLKLK	7	ABE26652.1	pol polyprotein	0.9764
56	2009-03-18-10 1828 1828 3 out	1075.6	0.07	0.35	1.66	112	2.079	Nosama	1	KDKSNLNEK	9	ABV48896.1	hypothetical spora wall protein	0.9955
102	2009-03-18-10 4009 4009 2 out	1763.1	1.156	0.4	1.66	487	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057.1	AF406785_6 calmodulin-dependent protein kinase	1
12	2009-03-18-10 727 727 2 out	763.5	0.44	0.17	1.65	230	0	IIV6	1	KFNKVK	6	NP_149758.1	295L	0.9976
15	2009-03-18-10 1012 1012 2 out	768.4	0.84	0.2	1.65	74	1.099	Nosema	1	EIYTDK	6	ABO69726.1	unknown	0.9952
76	2009-03-18-10 4352 4352 2 out	1374.7	1.456	0.29	1.65	71	0.693	Nosema	1	SQSERERLEIK	11	AAT12296.1	chromosome segregation protein	0.9974
14	2009-03-18-10 1491 1491 2 out	767.4	0.208	0.26	1.63	234	0	IIV6	1	YTQIDK	6	NP_149920.1	457L	0.9603
44	2009-03-18-10 4300 4300 2 out	956.4	1.146	0.24	1.62	172	0	Nosama	1	IFEMDACK	8	AAD12605.1	RNA polymerase II largest subunit	0.9651
2	2009-03-18-10 3320 3320 2 out	700.5	0.082	0.29	1.61	375	0	Nosema	1	VKDIIK	6	ABM26977.1	RNA polymerase II largest subunit	0.99
57	2009-03-18-10 4036 4036 2 out	1122.5	0.638	0.26	1.61	157	0	IIV6	1	SLMGNCPSSVK	11	NP_149555.1	092R	0.9895
19	2009-03-18-10 1884 1884 2 out	771.5	1.424	0.29	1.6	539	1.099	Nosema	1	RIEILK	6	ABE27266.1	unknown	0.9969
41	2009-03-18-10 3323 3323 2 out	921.6	1.324	0.25	1.6	186	0	IIV6	1	SLRSFAIK	8	NP_149767.1	304R	0.9639
80	2009-03-18-10 3151 3151 2 out	1413.9	0.675	0.29	1.6	288	1.609	Nosema	1	EVLIKNIKELLSK	12	ABV48897.1	hypothetical spora wall protein	0.9945
10	2009-03-18-10 6670 6670 2 out	747.4	1.634	0.32	1.59	110	1.386	IIV6	1	LNEESR	6	NP_149642.1	179R	0.9731
73	2009-03-18-10 3070 3070 2 out	1323.5	1.312	0.24	1.59	107	0	Nosema	1	EDDESEKNDDK	11	ABV48893.1	hypothetical spora wall protein	0.9977
32	2009-03-18-10 1101 1101 2 out	865.4	1.257	0.2	1.58	255	0	gi	1	QEDAQFK	7	YP_654678.1	hypothetical protein MIV106R	0.9975
71	2009-03-18-10 3949 3949 2 out	1288.7	1.024	0.27	1.57	150	0	IIV6	1	NMKTNVIANRK	11	NP_149482.1	019R	0.9972
103	2009-03-18-10 3800 3800 2 out	1769.8	1.821	0.33	1.57	432	0	IIV6	1	FEASEMYSWYKSNK	14	NP_149902.1	439L	0.9902
24	2009-03-18-10 3447 3447 2 out	779.4	1.67	0.31	1.55	413	0	IIV6	1	NSSLKCK	7	NP_149869.1	406R	0.9874
74	2009-03-18-10 3994 3994 2 out	1327.8	1.598	0.26	1.55	377	1.099	IIV6	1	LINLLKMNKIK	11	NP_149877.1	414L	0.9975
42	2009-03-18-10 826 826 2 out	922.4	0.493	0.28	1.54	224	0	IIV6	1	DREMMMK	7	NP_149469.1	006L	0.9929
98	2009-03-18-10 7103 7103 3 out	1696.9	1.396	0.61	1.54	219	0	ABPV|ABPV|ABPV|ABPV	4	VANGIERIPVIGEMAK	16	NP_066242.1	capsid protein	0.9645
23	2009-03-18-10 4747 4747 2 out	777.4	0.328	0.23	1.52	201	0	IIV6	1	IVESSDK	7	NP_149795.1	332L	0.9924
93	2009-03-18-10 3874 3874 2 out	1542.7	0.528	0.3	1.52	116	0	DWV|DWV|DWV|DWV|KakugoIVDV1|VDV1	7	TDLMEM*GSNPYIR	14	NP_853560.2	polyprotein	0.9928
39	2009-03-18-10 2804 2804 2 out	916.4	0.267	0.39	1.5	238	1.099	ABPV|ABPV|ABPV|ABPV|ABPV|ABPV|ABPV|ABPV|ABPV|ABPV|KBV	18	RATM*CYR	8	AAK58199.1	structural protein	1
40	2009-03-18-10 1833 1833 2 out	921.5	0.582	0.29	1.5	311	1.099	IIV6	1	NSFMPVVK	8	NP_149647.1	184R	0.99
86	2009-03-18-10 3910 3910 2 out	1476.7	0.616	0.33	1.5	217	0	ABPV	1	NNSNKM*ATPVKEK	14	NP_066242.1	capsid protein	0.9982

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Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
137	2009-03-18-11 3984 3984 2 out	1790 9	0 58	0 61	3 23	727	0	Nosama	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	1
113	2009-03-18-11 3321 3321 2 out	1515 7	0 65	0 63	3 14	933	0	Nosama	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9949
76	2009-03-18-11 2647 2647 2 out	1171 6	0 522	0 44	3 09	752	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9551
125	2009-03-18-11 4323 4323 2 out	1614 9	1 57	0 46	2 62	736	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9831
15	2009-03-18-11 790 790 2 out	760 4	0 502	0	2 43	267	0	IIV6	1	ELKNEK	6	NP_149921 1	458R	0 9838
68	2009-03-18-11 3550 3550 2 out	1132 6	1 619	0 46	2 35	366	0	gi	1	RGQMKNEGGR	10	YP_654692 1	hypothetical protein MIV120R	0 9721
123	2009-03-18-11 3349 3349 2 out	1592 8	0 499	0 33	2 22	249	1 386	IIV6	1	NYPTIQDEMKLLK	13	NP_149675 1	212L	0 9903
94	2009-03-18-11 3051 3051 2 out	1334 6	0 837	0 12	2 15	423	0 693	IIV6	1	VM*DIQNENIDK	12	NP_149698 1	235L	0 9763
93	2009-03-18-11 3781 3781 2 out	1320 7	1 579	0 36	2 14	238	1 099	IIV6	1	VQFNDTNLKNK	11	NP_149852 1	389L	0 9627
110	2009-03-18-11 4269 4269 2 out	1498 8	0 665	0 23	2 11	653	0	IIV6	1	EIFICYREGIKK	12	NP_149500 1	037L	0 9706
22	2009-03-18-11 1327 1327 2 out	774 4	0 738	0 08	2 06	337	0	IIV6	1	ELKDNR	6	NP_149851 1	388R	0 9607
12	2009-03-18-11 1441 1441 2 out	744 5	0 644	0 08	2 03	496	0	Nosema	1	KLIENK	6	AAB62548 1	glutaminyl-tRNA synthetase	0 976
39	2009-03-18-11 2313 2313 2 out	859 5	1 256	0 09	2 03	307	0 693	IIV6	1	QLKITEK	7	NP_149821 1	358L	0 9706
42	2009-03-18-11 2036 2036 2 out	892 5	0 741	0 26	2 02	437	0	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 9978
128	2009-03-18-11 4275 4275 2 out	1648 8	0 812	0 29	2	456	0 693	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0 9855
28	2009-03-18-11 3031 3031 2 out	801 5	0 671	0 23	1 97	606	0	BQCV	1	DLDLVVK	7	NP_620564 1	nonstructural polyprotein	0 9646
82	2009-03-18-11 3736 3736 2 out	1213 7	1 845	0 17	1 96	271	0	IIV6	1	ELNLENIIKK	10	NP_149748 1	285L	0 9593
30	2009-03-18-11 503 503 2 out	814 4	0 649	0 27	1 93	462	0	IIV6	1	ENFYNK	6	NP_149750 1	287R	0 9528
61	2009-03-18-11 3374 3374 2 out	1071 6	0 56	0 27	1 93	518	0	IIV6	1	GKVEIFHNK	9	NP_149917 1	454R	1
88	2009-03-18-11 4270 4270 2 out	1285 7	0 311	0 39	1 91	1158	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9938
26	2009-03-18-11 1045 1045 2 out	792 5	0 043	0 16	1 9	546	1 099	Nosama	1	EFKLKK	6	AAS16360 1	translation elongation factor 1 alpha	0 9869
38	2009-03-18-11 2660 2660 2 out	857 6	1 675	0 31	1 9	100	2 773	IIV6	1	KTVIKIR	7	NP_149733 1	270R	0 9892
106	2009-03-18-11 3499 3499 2 out	1459 8	1 497	0 34	1 9	437	0	IIV6	1	M*PHYVVVKSPMR	13	NP_149567 1	104L	0 9523
126	2009-03-18-11 4191 4191 2 out	1627 9	1 698	0 24	1 9	198	0	IIV6	1	EEWINLANVFKHK	13	NP_149804 1	341R	0 9748
32	2009-03-18-11 531 531 2 out	816 5	0 353	0 24	1 89	297	2 303	DWV|DWV|DWV|Kakugo	4	QIRMLR	6	NP_853560 2	polyprotein	0 9713
65	2009-03-18-11 4018 4018 2 out	1102 7	0 518	0 5	1 88	456	0	Nosama	1	PLKSIILYR	9	ABQ69724 1	unknown	0 9722
41	2009-03-18-11 3672 3672 2 out	880 5	1 591	0 42	1 87	281	0 693	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 9887
55	2009-03-18-11 2790 2790 2 out	989 5	0 001	0 34	1 87	346	0 693	IIV6	1	DKKLNESR	8	NP_149639 1	176R	0 985
100	2009-03-18-11 3877 3877 2 out	1377 7	1 739	0 35	1 87	105	0	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9941
84	2009-03-18-11 3633 3633 2 out	1243 7	0 477	0 2	1 85	192	1 386	IIV6	1	LNQSMLLAIK	11	NP_149883 1	420R	0 9821
105	2009-03-18-11 3919 3919 2 out	1458 7	1 595	0 36	1 85	277	0	gi	1	VSTINTEDLNQPK	13	YP_654647 1	hypothetical protein MIV075R	0 9918
127	2009-03-18-11 3339 3339 2 out	1631 8	0 604	0 28	1 85	157	1 099	IIV6	1	IDADLQGNGM*VEIIK	16	NP_149618 1	155L	0 9855
111	2009-03-18-11 3301 3301 2 out	1510 8	1 742	0 39	1 84	106	1 099	IIV6	1	LKTMNASRISFDK	13	NP_149923 1	460R	0 9867
52	2009-03-18-11 1947 1947 2 out	958 6	0 503	0 2	1 83	409	0	Nosema	1	EAITRLKK	8	BAF76326 1	heat shock protein 70	0 9861
138	2009-03-18-11 4430 4430 2 out	1947 8	1 832	0 51	1 83	152	0	Nosama	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spora wall protein	0 9959
109	2009-03-18-11 3464 3464 2 out	1485 9	0 33	0 42	1 82	509	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 991
44	2009-03-18-11 3487 3487 2 out	911 5	1 667	0 19	1 81	241	0	IIV6	1	ILDFYLK	7	NP_149648 1	185L	0 9968
56	2009-03-18-11 1655 1655 2 out	989 6	0 016	0 17	1 8	628	0	gi	1	TVCRLLER	8	YP_654695 1	hypothetical protein MIV123L	0 9811
90	2009-03-18-11 3190 3190 2 out	1296 7	1 09	0 16	1 8	246	0	Nosema	1	EEMLFCRKLK	10	ABE27267 1	unknown	0 986
108	2009-03-18-11 2635 2635 2 out	1475 7	0 568	0 47	1 8	98	0	Nosama	1	AAELASENDITWR	13	ABE26655 1	pol polyprotein	0 9937
122	2009-03-18-11 4317 4317 2 out	1589 9	0 767	0 22	1 8	172	0 693	gi	1	IGEKTKFGELNPTR	14	YP_654697 1	hypothetical protein MIV125R	0 9921
36	2009-03-18-11 949 949 2 out	841 4	0 831	0 37	1 79	140	0	Nosama|Nosema|Nosema|No	5	QNADHEK	7	AAZ23550 1	alpha-tubulin	0 9761
21	2009-03-18-11 1437 1437 2 out	773 5	1 659	0 18	1 75	331	0 693	IIV6	1	IQKVTGK	7	NP_149859 1	396L	0 9533
135	2009-03-18-11 3530 3530 2 out	1760	0 518	0 19	1 75	354	0	gi	1	DSVQSLKTQLDELKR	15	YP_654621 1	hypothetical protein MIV049R	0 9821
25	2009-03-18-11 1062 1062 2 out	784 5	0 31	0 22	1 74	240	0	VDV1|VDV1	2	QVRLLR	6	YP_145791 1	polyprotein	0 9814
14	2009-03-18-11 2433 2433 2 out	759 4	0 146	0 15	1 73	325	0	Nosama	1	LAVNM*VP	8	AAB12038 1	beta-tubulin	0 9868
20	2009-03-18-11 1955 1955 2 out	772 5	1 588	0 24	1 73	212	1 386	Nosama	1	KAPTDIK	7	ABE26648 1	pol polyprotein	0 9966
33	2009-03-18-11 1210 1210 2 out	822 5	0 309	0 16	1 73	521	0	IIV6	1	KLPSHLK	7	NP_149590 1	127L	0 9947
50	2009-03-18-11 1180 1180 2 out	946 5	1 006	0 28	1 73	139	1 792	IIV6	1	RNDSTLLK	8	NP_149758 1	295L	0 9748
130	2009-03-18-11 4305 4305 2 out	1712 7	0 637	0 24	1 73	121	1 946	IIV6	1	ENDETEYDEQSIIK	14	NP_149642 1	179R	0 9934
98	2009-03-18-11 3602 3602 2 out	1370 8	0 88	0 22	1 72	397	0	Nosama	1	NAFGIEHKITLK	12	ABE26649 1	pol polyprotein	0 9896
63	2009-03-18-11 2996 2996 2 out	1085 6	1 686	0 21	1 7	189	0	IIV6	1	ELNLENIIK	9	NP_149748 1	285L	0 9901
120	2009-03-18-11 4009 4009 2 out	1560 9	1 248	0 31	1 69	312	0	IIV6	1	QVIDQILKLEGLK	13	NP_149716 1	253L	0 9965
103	2009-03-18-11 5434 5434 3 out	1402 8	0 95	0 41	1 68	353	0	Nosema	1	AHIKHDLSLRGR	12	ABE26653 1	pol polyprotein	1
4	2009-03-18-11 1286 1286 2 out	712 5	0 345	0 22	1 67	147	1 946	Nosama|Nosama|Nosama|No	5	QPVIKK	6	ABM26981 1	RNA polymarasa II lsrgest subunit	0 9956
8	2009-03-18-11 1130 1130 2 out	725 3	0 593	0 13	1 67	281	0	Nosama	1	QFSDTQ	6	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9849
48	2009-03-18-11 1056 1056 2 out	940 6	1 888	0 3	1 67	356	0	IIV6	1	RWIQLPK	7	NP_149778 1	315L	0 9881
102	2009-03-18-11 3685 3685 2 out	1392 8	0 431	0 21	1 67	637	0	Nosema	1	SLIM*KANMILDK	13	ABV48894 1	hypothetical spora wall protein	0 9955
3	2009-03-18-11 2360 2360 2 out	704 4	0 644	0 22	1 66	334	0	IIV6	1	QVDNTK	6	NP_149618 1	155L	0 9535
53	2009-03-18-11 2130 2130 2 out	979 5	0 537	0 22	1 66	344	0 693	IIV6	1	M*SLEEKVK	9	NP_149578 1	115R	0 9655
72	2009-03-18-11 3070 3070 2 out	1140 7	0 423	0 22	1 66	456	0	Nosama	1	LLDIVKAQLK	10	ABE26648 1	pol polyprotein	0 9813
136	2009-03-18-11 4072 4072 2 out	1763 1	0 232	0 4	1 66	288	0	Nosama	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9922
80	2009-03-18-11 4252 4252 2 out	1199 7	0 344	0 39	1 65	568	0	IIV6	1	AQDINAKKALK	11	NP_149701 1	238R	1
49	2009-03-18-11 2844 2844 2 out	943 5	0 967	0 36	1 64	293	0	IIV6	1	IILDDNLK	8	NP_149769 1	306R	0 9864
62	2009-03-18-11 3682 3682 2 out	1081 5	0 542	0 38	1 64	185	1 099	DWV|DWV|DWV|DWV|Kaku	5	LFWCQKEK	8	NP_853560 2	polyprotein	0 9924
2	2009-03-18-11 3354 3354 2 out	700 5	0 389	0 25	1 63	382	0	Nosama	1	VXDIIK	6	ABM26977 1	RNA polymarasa II largest subunit	0 9779
23	2009-03-18-11 6675 6675 2 out	775 5	1 374	0 24	1 63	212	0 693	IIV6	1	EVSLSLK	7	NP_149765 1	302L	0 9929
29	2009-03-18-11 1488 1488 2 out	812 4	0 413	0 18	1 63	285	0	Nosama	1	KYMENK	6	ABE27277 1	unknown	0 9658
85	2009-03-18-11 2907 2907 2 out	1264 8	1 137	0 23	1 63	242	0	gi	1	FLKFICPLRK	10	YP_654588 1	hypothetical protein MIV016R	0 9897
10	2009-03-18-11 2463 2463 2 out	739 4	0 026	0 23	1 62	324	1 099	IIV6	1	KLHDVK	6	NP_149750 1	287R	0 9889
78	2009-03-18-11 3687 3687 2 out	1175 7	1 347	0 25	1 62	232	0	IIV6	1	QWTRLEKSK	9	NP_149778 1	315L	0 9521
89	2009-03-18-11 3465 3465 2 out	1285 8	1 461	0 44	1 62	321	0	Nosama	1	ACVAKLLVVNKK	12	BAC15534 1	elongation factor 1 alpha	0 9852
96	2009-03-18-11 4770 4770 3 out	1340 7	1 348	0 36	1 62	298	0	IIV6	1	VDSEM*AFERIK	12	NP_149606 1	143R	0 9792
107	2009-03-18-11 4123 4123 2 out	1468 7	0 403	0 31	1 62	368	0	IAPV|IAPV	2	NAGIKMTMRDFGK	13	YP_001040002 1	polymerase polyprotein	0 9646
114	2009-03-18-11 4042 4042 2 out	1516 8	0 464	0 39	1 61	188	0	IIV6	1	IHCLPFLLNYQR	12	NP_149487 1	024L	0 9744
121	2009-03-18-11 4406 4406 2 out	1579 9	0 466	0 26	1 6	793	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770 1	307L	0 9951
67	2009-03-18-11 3238 3238 2 out	1122 6	1 185	0 2	1 59	390	0	Nosama	1	DVNQAMAFVK	10	AAC47419 1	alpha-tubulin	0 9796
35	2009-03-18-11 4911 4911 2 out	839 4	0 017	0 26	1 58	258	0	KBV|KBV	2	EGYSKQK	7	NP_851403 1	non-structural polyprotein	0 9956
46	2009-03-18-11 1902 1902 2 out	921 6	1 318	0 24	1 58	281	0	IIV6	1	SLRSFAIK	8	NP_149767 1	304R	0 9628
1	2009-03-18-11 6037 6037 2 out	700 4	0 584	0 27	1 54	165	1 099	Nosama	1	DPNVKK	6	AAB54170 2	Hypothetical protein C44E4 2	0 9912
116	2009-03-18-11 4032 4032 2 out	1532 7	1 703	0 38	1 53	400	0 693	ABPV	1	NKDEFTKM*CWSK	13	NP_066241 1	replicasa polyprotein	0 9853
133	2009-03-18-11 4294 4294 2 out	1746 8	0 796	0 28	1 53	194	0 693	IIV6	1	NCQEKETIYSDNFR	14	NP_149500 1	037L	0 9906
37	2009-03-18-11 2601 2601 2 out	856 5	1 793	0 23	1 52	148	1 099	IIV6	1	LETKPLR	7	NP_149674 1	211L	0 9514
104	2009-03-18-11 3476 3476 2 out	1432 8	0 52	0 41	1 52	103	0	Nosama	1	GAAENFLNSKIIR	13	BAF76326 1	heat shock protein 70	1
131	2009-03-18-11 4370 4370 2 out	1715 9	0 326	0 32	1 52	95	0	SV	1	HVQGVNEIEAHTLLR	15	AAK16321 1	polyprotein	0 9781
71	2009-03-18-11 1432 1432 3 out	1136 6	1 687	0 41	1 5	154	0	IIV6	1	FYLCGQIIHR	9	NP_149533 1	070R	0 9946
119	2009-03-18-11 4306 4306 2 out	1553 9	0 726	0 24	1 5	462	0	IIV6	1	FSEEGLKTIVFKR	13	NP_149820 1	357R	0 9976
132	2009-03-18-11 4162 4162 3 out	1737 8	0 844	0 36	1 5	185	0	MSCUT	1	KDESYFDEGGRSYGK	15	ABQ96192 1	vasa	0 9893
139	2009-03-18-11 4272 4272 3 out	1980	1 6	0 5	1 5	135	1 792	gi	1	SLKQM*EEEYHLQKSIT	17	YP_654632 1	hypothetical protein MIV060L	0 9663

Test 95

Sr No	File Name	(M+H)	+M	+Cn	XCorr	Sp	RSp	Referenca	No	Peptide	AA	ID#	Protein	PP
158	2009-03-18-12 4049 4049 2 out	1790 9	0 524	0 59	3 33	722	0	Nosama	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9982
88	2009-03-18-12 2532 2532 2 out	1171 6	0 19	0 39	2 58	558	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9963
54	2009-03-18-12 2258 2258 2 out	892 5	0 561	0 36	2 42	431	0	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 965
104	2009-03-18-12 3826 3826 2 out	1320 7	1 782	0 26	2 42	220	1 609	IIV6	1	VQFNDTNLKNIK	11	NP_149852 1	389L	0 9666
107	2009-03-18-12 3059 3059 2 out	1344 7	1 63	0 26	2 39	349	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9945
23	2009-03-18-12 442 442 2 out	761 4	0 07	0 11	2 38	324	0 693	IIV6	1	EIQLMK	6	NP_149723 1	260R	0 9824
22	2009-03-18-12 770 770 2 out	760 4	0 803	0	2 29	205	1 099	IIV6	1	EIKNEK	6	NP_149701 1	238R	0 982
140	2009-03-18-12 4662 4662 2 out	1546 8	0 516	0 21	2 25	261	0 693	IIV6	1	YLQTINIEKEAPK	13	NP_149642 1	179R	0 989
30	2009-03-18-12 1013 1013 2 out	792 5	0 845	0 18	2 21	573	0 693	Nosema	1	EFKLKK	6	AAS16360 1	translation elongation factor 1 alpha	0 9601
119	2009-03-18-12 2915 2915 2 out	1447 8	0 332	0 37	2 17	324	0 693	IIV6	1	RFSGVTDVNIVIK	13	NP_149699 1	236L	0 9979
143	2009-03-18-12 4487 4487 2 out	1579 9	1 54	0 48	2 17	657	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770 1	307L	0 9958
108	2009-03-18-12 2978 2978 2 out	1345 7	1 622	0 19	2 16	234	1 609	Nosema	1	NCIVNGIVLASDK	13	AAC41564 1	isoleucyl-tRNA synthetase	0 9981
144	2009-03-18-12 3350 3350 2 out	1592 8	0 444	0 38	2 16	303	0 693	IIV6	1	NYPTIQDEMKLLK	13	NP_149675 1	212L	0 952
31	2009-03-18-12 747 747 2 out	802 5	1 69	0 1	2 12	133	0 693	ABPV[ABPV[ABPV	3	KAMIALR	7	AAL05919 1	capsid polyprotein	0 9833
146	2009-03-18-12 3886 3886 2 out	1607 9	0 958	0 34	2 1	195	0	IIV6	1	LYEAGALNKRVMDK	14	NP_149612 1	149L	0 9589
57	2009-03-18-12 1062 1062 2 out	901 5	0 522	0 07	2 09	207	0	Nosema	1	ERDLKLK	7	ABE26652 1	pol polyprotein	0 9634
128	2009-03-18-12 4551 4551 2 out	1494 8	1 94	0 28	2 09	324	0	IIV6	1	M*ESIISCPKTELK	14	NP_149665 1	202L	0 9803
147	2009-03-18-12 4124 4124 2 out	1614 9	0 197	0 36	2 09	662	0	IIV6	1	TLTTKVQNIINIEK	14	NP_149613 1	050L	0 9616
153	2009-03-18-12 4486 4486 2 out	1700	1 326	0 49	2 01	391	0	Noseme	1	LNIETEQKKNEILK	14	ABE27271 1	unknown	0 9775
159	2009-03-18-12 4427 4427 2 out	1796 9	1 673	0 19	2 01	414	0	IIV6	1	EIKSIDLIMYEVSEK	15	NP_149485 1	022L	0 9789
65	2009-03-18-12 1889 1889 2 out	974 6	0 811	0 29	1 99	319	0 693	IIV6	1	GEEKASLIK	9	NP_149926 1	463L	0 9508
15	2009-03-18-12 637 637 2 out	744 5	0 639	0 07	1 98	375	0	Nosema	1	KLIENK	6	AAB62548 1	glutaminyl-tRNA synthetase	0 9705
161	2009-03-18-12 4716 4716 2 out	1859	0 508	0 41	1 97	197	0	DWV[DWV[DWV[DWV[DWV[Kakugo	6	M*SGDISGIEIDLLNLPR	18	NP_853560 2	polyprotein	0 9553
13	2009-03-18-12 614 614 2 out	731 4	1 683	0 17	1 95	185	1 946	IIV6	1	VKDELK	6	NP_149469 1	006L	0 9988
154	2009-03-18-12 4396 4396 2 out	1712 7	0 165	0 31	1 94	180	1 609	IIV6	1	EMDETEYDEQSIIK	14	NP_149642 1	179R	0 9646
61	2009-03-18-12 954 954 2 out	940 6	1 955	0 19	1 93	497	0	IIV6	1	RWIQLPK	7	NP_149778 1	315L	0 9811
64	2009-03-18-12 2763 2763 2 out	973 5	0 729	0 14	1 93	353	1 099	Nosema	1	EINNIDKLK	8	ABE26653 1	pol polyprotein	0 9831
94	2009-03-18-12 3887 3887 2 out	1213 7	1 543	0 16	1 93	503	1 099	IIV6	1	ELNQILDKIK	10	NP_149916 1	453L	0 9951
127	2009-03-18-12 4604 4604 2 out	1492 9	0 587	0 26	1 93	282	0 693	Noseme	1	VLDNRHLGSIKLK	13	BAF76326 1	heat shock protein 70	0 9929
133	2009-03-18-12 3666 3666 2 out	1523 9	1 342	0 19	1 93	423	0	Nosema	1	ISPILNETLAVIK	14	ABE27267 1	unknown	0 9702
63	2009-03-18-12 1879 1879 2 out	958 6	0 566	0 19	1 91	479	0	Nosema	1	EAITRLKK	8	BAF76326 1	heat shock protein 70	0 9899
122	2009-03-18-12 3522 3524 2 out	1459 8	0 177	0 42	1 9	400	0	IIV6	1	M*PHYVVVKSPMR	13	NP_149667 1	104L	0 9696
62	2009-03-18-12 2786 2786 2 out	943 5	1 676	0 16	1 89	269	0 693	IIV6	1	IILDDNLK	8	NP_149769 1	306R	0 9829
80	2009-03-18-12 4086 4086 2 out	1102 7	1 042	0 47	1 88	541	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9971
91	2009-03-18-12 3221 3221 2 out	1199 7	0 783	0 27	1 88	444	0	IIV6	1	KVNIQNKDIK	10	NP_149674 1	211L	0 996
96	2009-03-18-12 4173 4173 2 out	1268 6	0 614	0 25	1 88	461	0	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9638
14	2009-03-18-12 435 435 2 out	733 4	0 036	0 14	1 87	255	0 693	IIV6[IIV6	2	QTKQTK	6	NP_149897 1	434L	0 9958
46	2009-03-18-12 1349 1349 2 out	858 5	0 608	0 15	1 87	212	0	IIV6	1	ELKDLLK	7	NP_149920 1	457L	0 9736
118	2009-03-18-12 4607 4607 2 out	1438 8	1 802	0 23	1 87	197	2 079	IIV6	1	LDQKVVTECYLK	12	NP_149475 1	012L	0 9956
126	2009-03-18-12 3561 3561 2 out	1485 9	0 544	0 33	1 86	325	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9944
77	2009-03-18-12 3372 3372 2 out	1071 6	0 595	0 28	1 84	738	0	IIV6	1	GKVEIFHNK	9	NP_149917 1	454R	0 9946
130	2009-03-18-12 4161 4161 2 out	1513	0 622	0 26	1 84	251	0	IIV6	1	LILIASLVLLLFGK	14	NP_149676 1	213R	0 9974
134	2009-03-18-12 4266 4266 2 out	1524 9	1 04	0 31	1 84	1039	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859 1	396L	0 996
67	2009-03-18-12 2702 2702 2 out	989 5	0 107	0 26	1 83	264	2 303	IIV6	1	DKKLNESR	8	NP_149639 1	176R	0 9948
72	2009-03-18-12 2788 2788 2 out	1014 6	0 148	0 18	1 83	165	0 693	Nosema	1	ENGVVLKKK	9	ABE26653 1	pol polyprotein	0 9938
132	2009-03-18-12 3966 3966 2 out	1521 8	0 204	0 22	1 83	84	1 792	IIV6	1	FIFPNVDTDINVK	13	NP_149697 1	134L	0 9777
112	2009-03-18-12 3630 3630 2 out	1370 8	1 433	0 22	1 82	403	0	Nosema	1	NAFGIEHKITLK	12	ABE26649 1	pol polyprotein	0 9514
121	2009-03-18-12 2996 2996 2 out	1458 9	0 444	0 19	1 81	328	0	gi	1	#STIQDKVVKSK	13	YP_654658 1	hypothetical protein MIV086L	1
10	2009-03-18-12 2251 2251 2 out	722 3	0 919	0 41	1 8	328	0	IIV6	1	IGEM*EK	7	NP_149891 1	428L	0 9867
58	2009-03-18-12 2529 2529 2 out	921 6	1 584	0 16	1 8	230	0 693	IIV6	1	SLRSFAIK	8	NP_149767 1	304R	0 9804
139	2009-03-18-12 3918 3918 2 out	1542 7	0 39	0 43	1 8	114	0 693	DWV[DWV[DWV[DWV[Kakugo[VDV1	7	TDLMEM*GSNPYIR	14	NP_853560 2	polyprotein	0 9766
16	2009-03-18-12 687 687 2 out	746 4	1 536	0 15	1 79	220	1 099	IIV6	1	EDVKKK	6	NP_149832 1	369L	0 9804
55	2009-03-18-12 2483 2483 2 out	892 6	0 61	0 2	1 79	200	2 079	Nosema	1	IVLRYTK	7	AAC41564 1	isoleucyl-tRNA synthetase	0 9944
66	2009-03-18-12 1407 1407 2 out	978 5	0 254	0 26	1 79	275	0 693	Nosema	1	KVSRFGER	8	ABE26655 1	pol polyprotein	0 9726
136	2009-03-18-12 3602 3602 2 out	1533 8	0 671	0 24	1 79	279	0 693	gi	1	PVVYSTRDGAEVLK	14	YP_654588 1	hypothetical protein MIV016R	0 9935
39	2009-03-18-12 1209 1209 2 out	828 5	0 569	0 17	1 78	276	0	Nosema	1	ELGGLLAR	8	AAQ91616 1	unknown	0 9582
27	2009-03-18-12 1153 1153 2 out	773 5	1 713	0 14	1 77	272	0 693	IIV6	1	KLDELR	6	NP_149695 1	232R	0 9949
149	2009-03-18-12 3665 3665 2 out	1632 7	0 235	0 22	1 77	209	0 693	IIV6	1	LFPGFQM*YEPCER	14	NP_149867 1	404L	0 962
9	2009-03-18-12 2511 2511 2 out	721 4	1 719	0 25	1 76	430	0 693	Nosema	1	AKIDM*K	7	AAB62549 1	glutamyl-tRNA synthetase	0 9738
116	2009-03-18-12 4246 4246 2 out	1429 6	1 733	0 39	1 76	235	0	IIV6	1	RTETTIDEM*CSK	13	NP_149633 1	170L	0 9967
35	2009-03-18-12 1682 1682 2 out	815 5	1 064	0 29	1 73	447	0	gi	1	KAVRVDK	7	YP_654591 1	hypothetical protein MIV019R	0 9551
167	2009-03-18-12 4559 4559 2 out	2417 2	0 683	0 21	1 73	182	0	IIV6	1	VEDSENSLFRIVTVTTANIFFK	21	NP_149758 1	295L	1
26	2009-03-18-12 1812 1812 2 out	771 5	1 43	0 22	1 72	577	0 693	Noseme	1	RIEILK	6	ABE27266 1	unknown	0 9559
36	2009-03-18-12 1054 1054 2 out	816 5	0 064	0 16	1 72	325	0	DWV[DWV[DWV[Kekugo	4	QIRMLR	6	NP_853560 2	polyprotein	0 9771
43	2009-03-18-12 3322 3322 2 out	850 4	0 67	0 2	1 72	464	1 099	IIV6	1	QVM*DITK	8	NP_149858 1	395R	0 9834
82	2009-03-18-12 3958 3958 2 out	1134 6	1 629	0 2	1 72	304	0	IAPV[IAPV	2	VQKNNPSGYK	10	YP_001040003 1	structural polyprotein	0 9713
33	2009-03-18-12 2281 2281 2 out	804 5	0 362	0 33	1 71	391	0	IIV6	1	KVIFGLK	7	NP_149508 1	045L	0 9977
12	2009-03-18-12 1433 1434 2 out	730 4	0 392	0 16	1 7	194	0 693	IIV6	1	QIDNLK	6	NP_149923 1	460R	0 9926
24	2009-03-18-12 3336 3336 2 out	764 4	0 477	0 34	1 7	296	0	IIV6	1	NAIFATK	7	NP_149829 1	366R	0 9614
59	2009-03-18-12 3140 3140 2 out	930 5	0 44	0 3	1 7	405	0	IIV6	1	EADILEK	8	NP_149624 1	161L	0 9853
69	2009-03-18-12 3434 3434 2 out	990 6	0 071	0 38	1 69	140	1 792	gi	1	IIYAVRKK	8	YP_654658 1	hypothetical protein MIV086L	0 9947
73	2009-03-18-12 1754 1754 2 out	1042 6	0 836	0 31	1 69	348	0	SV[SV[SV	3	EAIGDILALK	10	NP_049374 1	polyprotein	0 9947
162	2009-03-18-12 4691 4691 2 out	1947 8	0 572	0 35	1 69	158	0	Noseme	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spore wall protein	0 9887
6	2009-03-18-12 6114 6114 2 out	717 4	0 297	0 24	1 68	122	2 773	IIV6	1	DLWQR	5	NP_149648 1	085L	0 9823
34	2009-03-18-12 508 508 2 out	814 4	0 501	0 18	1 68	417	0	IIV6	1	EMFYNK	6	NP_149750 1	287R	0 9553
38	2009-03-18-12 1101 1101 2 out	826 5	0 235	0 17	1 67	225	0	IIV6	1	KILDIPK	7	NP_149707 1	244L	0 9931
68	2009-03-18-12 1627 1627 2 out	989 6	0 579	0 39	1 65	523	0	gi	1	TVCRLLER	8	YP_654695 1	hypothetical protein MIV123L	0 9752
70	2009-03-18-12 3446 3446 2 out	992 7	0 405	0 25	1 65	316	0	Nosema	1	LLLSKYKK	8	ABO69722 1	unknown	0 9936
86	2009-03-18-12 3756 3756 2 out	1160 6	0 792	0 35	1 65	230	1 386	KBV[KBV	2	ITVENALGESK	11	NP_851403 1	non-structural polyprotein	0 9874
102	2009-03-18-12 4299 4299 2 out	1285 7	0 924	0 41	1 65	1112	0	IIV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9897
131	2009-03-18-12 4997 4997 2 out	1513 9	1 448	0 3	1 65	81	0	IIV6	1	TIGAINLACKLRLK	14	NP_149624 1	161L	0 9808
32	2009-03-18-12 5472 5472 2 out	803 5	1 499	0 2	1 64	433	0	Nosema[Nosema[Nosema[Nosema[No	6	QAVEKSK	7	ABM26981 1	RNA polymerase II largest subunit	0 9607
83	2009-03-18-12 4004 4004 2 out	1143 6	1 553	0 44	1 64	523	0	Nosema[Nosema	2	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0 9969
28	2009-03-18-12 1885 1885 2 out	774 4	0 68	0 29	1 63	196	0 693	IIV6	1	GSPRDDK	7	NP_149929 1	466R	0 9812
150	2009-03-18-12 4334 4334 2 out	1648 8	0 476	0 28	1 63	214	0 693	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0 9882
81	2009-03-18-12 3891 3891 2 out	1122 5	0 586	0 27	1 62	153	0 693	IIV6	1	SLMGNCPSSVK	11	NP_149655 1	092R	0 9572
4	2009-03-18-12 1218 1218 2 out	712 5	0 39	0 29	1 61	149	1 792	Nosema[Nosema[Nosema[Nosema[No	5	QPVIKK	6	ABM26981 1	RNA polymerase II largest subunit	0 9968
47	2009-03-18-12 2061 2061 2 out	859 5	1 461	0 21	1 61	250	0	Nosema	1	IQAESIAK	8	AAT12295 1	phospholipase D	0 9743
100	2009-03-18-12 3320 3320 2 out	1275 7	0 824	0 32	1 61	192	1 386	Noseme	1	EILFDRNILKK	10	ABO69722 1	unknown	0 9902
113	2009-03-18-12 3940 3940 2 out	1375 8	1 539	0 22	1 61	217	0	IIV6	1	IINKFGKLSVK	12	NP_149647 1	184R	0 9885
111	2009-03-18-12 3723 3723 2 out	1366 7	1 507	0 36	1 6	900	0	IIV6	1	INLVLFDMHCR	11	NP_149818 1	355R	0 987
97	2009-03-18-12 4019 4019 2 out	1268 8	1 579	0 32	1 59	368	0	IIV6	1	IFIKFMLKTK	10	NP_149718 1	255L	0 9879
129	2009-03-18-12 4502 4502 2 out	1500 7	0 696	0 38	1 58	270	0	IIV6	1	DDM*AASYLEGKER	14	NP_149635 1	172L	0 9877
41	2009-03-18-12 1616 1616 2 out	837 4	0 084	0 26	1 56	224	0	IIV6	1	MDSKQTK	7	NP_149856 1	393L	0 9776
48	2009-03-18-12 5769 5769 2 out	862 4	0 78	0 24	1 56	210	1 609	IIV6	1	EVSEENR	7	NP_149891 1	428L	0 9945
92	2009-03-18-12 4125 4125 2 out	1205 7	0 738	0 33	1 56	365	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9848
115	2009-03-18-12 4079 4079 2 out	1411 7	0 266	0 28	1 55	359	0	IIV6	1	FKERASHFDFK	11	NP_149818 1	355R	0 9968
40	2009-03-18-12 1141 1141 2 out	832 5	0 865	0 23	1 54	220	0 693	DWV[DWV[DWV[Kakugo	4	QIRM*LR	7	NP_853560 2	polyprotein	0 9903
98	2009-03-18-12 4056 4056 2 out	1273 6	1 628	0 3	1 54	182	1 946	Noseme	1	GEENIGADLLSR	12	ABE26650 1	pol polyprotein	0 9737
105	2009-03-18-12 4040 4040 2 out	1327 8	1 577	0 27	1 54	268	0 693	IIV6	1	LINLLKMNKIK	11	NP_149877 1	414L	0 9667
142	2009-03-18-12 4020 4020 2 out	1573 9	0 407	0 31	1 54	102	0	Nosema	1	ALVDTGSTVNLIRSK	15	ABE26655 1	pol polyprotein	1
19	2009-03-18-12 2566 2566 2 out	752 4	0 749	0 23	1 53	220	1 609	IIV6	1	ISEYIK	6	NP_149722 1	259R	0 9907
51	2009-03-18-12 794 794 2 out	873 5	1 563	0 21	1 53	195	0	IIV6	1	ERERQR	6	NP_149674 1	211L	0 9959
93	2009-03-18-12 2693 2693 2 out	1207 7	1 845	0 31	1 53	299	0	IIV6	1	IDELIYASKR	10	NP_149776 1	313L	0 9983
79	2009-03-18-12 3795 3795 2 out	1077 6	1 118	0 29	1 52	224	1 609	IIV6	1	LFLSKLSNR	9	NP_149871 1	408R	0 9899
155	2009-03-18-12 4354 4354 2 out	1746 8	0 601	0 37	1 52	188	0 693	IIV6	1	NCQEKETIYSDNIFR	14	NP_149500 1	037L	0 9951
125	2009-03-18-12 4349 4349 2 out	1471 9	0 453	0 31	1 51	159	1 099	IIV6	1	RRIQPIPFGIFK	12	NP_149731 1	268L	0 9986
135	2009-03-18-12 4686 4686 2 out	1528 8	0 68	0 3	1 51	150	0	Nosema[Nosema[Nosema[Nosema[No	5	RLNNKFDLM*YAK	13	AAZ23550 1	alpha-tubulin	0 9897
160	2009-03-18-12 4541 4541 2 out	1815 8	1 757	0 35	1 51	154	1 099	Noseme	1	RMVHSDQFDPEVAER	15	AAC47660 1	mitochondrial-type HSP70	0 9899
103	2009-03-18-12 3786 3786 2 out	1306 7	0 554	0 36	1 5	264	0	IIV6	1	NLTGGIDNLYAR	12	NP_149647 1	184R	0 959
106	2009-03-18-12 3970 3970 2 out	1339 8	1 598	0 41	1 5	124	0 693	IIV6	1	IAELKQLNVLAK	12	NP_149695 1	232R	0 9945

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Sl No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
58	2009-03-18-13 3965 3965 2 out	1790 9	0 384	0 65	3 18	726	0	Nosema	1	SYELPDGQVIKIGGSER	16	AAB86863 1	actin	0 9752
50	2009-03-18-13 3349 3349 2 out	1592 8	1 501	0 25	2 36	255	1 099	IIV6	1	NYPTIQDEMKLLK	13	NP_149675 1	212L	0 9659
52	2009-03-18-13 4092 4092 2 out	1614 9	0 613	0 31	2 32	627	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9788
23	2009-03-18-13 3187 3187 2 out	1070 6	1 514	0 44	2 31	597	0	IIV6	1	LLWDWLPK	8	NP_149515 1	052R	0 9886
36	2009-03-18-13 3977 3978 2 out	1205 7	0 546	0 38	2 25	271	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9977
54	2009-03-18-13 4143 4143 3 out	1668	1 425	0 46	2 18	460	0	Nosema	1	IKVIQEVQIDILEK	14	ABE27269 1	unknown	0 9938
42	2009-03-18-13 3762 3762 2 out	1320 7	1 61	0 28	2 09	226	1 099	IIV6	1	VQFNDTNLKNK	11	NP_149852 1	389L	0 9901
11	2009-03-18-13 2489 2489 2 out	892 5	0 658	0 28	2 08	340	0	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 9866
41	2009-03-18-13 4086 4086 2 out	1268 6	1 604	0 41	2 07	446	0 693	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9925
53	2009-03-18-13 4175 4176 2 out	1648 8	0 795	0 39	2 07	205	1 099	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0 9956
5	2009-03-18-13 2049 2049 2 out	763 5	1 329	0 21	2 06	250	0	IIV6	1	KFNKVK	6	NP_149758 1	295L	0 9863
62	2009-03-18-13 4002 4002 3 out	2667 3	1 232	0 41	1 89	176	0	IIV6	1	MEHNAEISVSSLTDPHFLRENK	23	NP_149750 1	287R	0 9952
16	2009-03-18-13 1170 1170 2 out	940 6	1 961	0 28	1 88	219	0	IIV6	1	RWIQLPK	7	NP_149778 1	315L	0 9764
48	2009-03-18-13 4445 4445 2 out	1492 9	0 544	0 3	1 88	274	0 693	Nosema	1	VLDNRHLGSIKLK	13	BAF76326 1	heat shock protein 70	0 9849
8	2009-03-18-13 1126 1126 2 out	816 5	0 437	0 26	1 85	246	0	DWV|DWV|DWV|Kakugo	4	QIRMLR	6	NP_863560 2	polyprotein	0 9922
3	2009-03-18-13 2427 2427 2 out	747 4	1 669	0 26	1 81	398	0 693	IIV6	1	LNEESR	6	NP_149642 1	179R	0 9889
44	2009-03-18-13 3873 3873 2 out	1387 7	0 803	0 3	1 81	197	0 693	IIV6	1	MSGGYTSLESSIR	13	NP_149878 1	415R	0 9931
59	2009-03-18-13 3479 3479 3 out	1824 8	1 622	0 45	1 79	206	0 693	IIV6	1	IFLDGYIYCNKCDEE	15	NP_149704 1	241L	0 9622
29	2009-03-18-13 4905 4905 3 out	1129 6	0 273	0 37	1 78	202	0 693	IIV6	1	M*TSRGHLRR	10	NP_149703 1	240R	0 9932
30	2009-03-18-13 1700 1700 3 out	1142 7	1 115	0 32	1 78	562	0	IIV6	1	KDIAISKVLR	10	NP_149485 1	022L	0 9898
1	2009-03-18-13 3293 3293 2 out	700 5	0 339	0 25	1 77	357	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9946
19	2009-03-18-13 2971 2971 2 out	1016 5	1 554	0 33	1 75	251	0	IIV6	1	FMKNFDSK	8	NP_149843 1	380R	0 979
27	2009-03-18-13 3985 3985 2 out	1102 7	0 591	0 46	1 75	435	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9833
21	2009-03-18-13 3386 3386 2 out	1040 5	1 629	0 36	1 73	210	0	IIV6	1	EM*M*KINDK	10	NP_149463 1	468L	0 9921
17	2009-03-18-13 1419 1419 2 out	978 5	0 122	0 26	1 72	317	0	Nosema	1	KVSRFGER	8	ABE26655 1	pol polyprotein	0 9668
26	2009-03-18-13 4263 4263 2 out	1102 5	0 598	0 39	1 72	267	0	gi	1	QVGEGAPSTTR	11	YP_654576 1	hypothetical protein MIV004R	0 9954
61	2009-03-18-13 3342 3342 3 out	2063	1 007	0 45	1 72	115	1 946	BQCV	1	MVAQSGPVMSQSLSDRVDR	19	NP_620564 1	nonstructural polyprotein	0 9892
47	2009-03-18-13 3492 3492 2 out	1459 8	0 44	0 4	1 7	399	0	IIV6	1	M*PHYVVVKSPMR	13	NP_149567 1	104L	0 9932
14	2009-03-18-13 3475 3476 2 out	918 3	1 598	0 38	1 69	176	0 693	gi	1	CECTTCMK	8	YP_654593 1	hypothetical protein MIV021L	0 9845
35	2009-03-18-13 6102 6102 3 out	1200 5	0 723	0 55	1 67	135	1 386	Nosema|Nosema	2	PSSM*SM*M*LLR	13	XP_001392466 1	hypothetical protein An08g03390	0 9798
40	2009-03-18-13 3180 3180 3 out	1265 6	1 275	0 45	1 66	191	0	BQCV	1	LYNM*GVSYM*R	12	NP_620564 1	nonstructural polyprotein	0 9612
7	2009-03-18-13 2507 2507 2 out	804 4	0 151	0 3	1 64	209	0 693	IIV6	1	KGVCLER	7	NP_149610 1	147L	0 9888
10	2009-03-18-13 3721 3721 2 out	880 5	1 785	0 36	1 61	340	0	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 958
24	2009-03-18-13 4529 4529 3 out	1083 5	1 337	0 36	1 6	291	1 099	IIV6	1	VDSEMAFER	9	NP_149606 1	143R	0 983
39	2009-03-18-13 3027 3027 2 out	1258 7	0 662	0 35	1 58	358	0	IIV6	1	NKSPLLNESEK	11	NP_149523 1	060L	0 9549
25	2009-03-18-13 4831 4831 3 out	1090 6	0 227	0 36	1 57	262	0	Nosema	1	VFRGKAEQR	9	AAT12293 1	DNA repair helicase RAD25	1
43	2009-03-18-13 4877 4877 3 out	1377 7	0 166	0 38	1 56	138	1 099	IIV6	1	RSSFSGVLM*FCK	13	NP_149699 1	236L	0 9927
13	2009-03-18-13 5297 5297 2 out	916 4	0 377	0 36	1 54	182	0 693	ABPV|ABPV|ABPV|ABPV|ABPV|ABPV|ABPV|ABPV|ABPV|KBV	18	RATM*CYR	8	AAK58199 1	structural protein	1
31	2009-03-18-13 2565 2565 3 out	1147 6	0 93	0 34	1 54	562	0	Nosema	1	EILFDRNLK	9	ABO69722 1	unknown	0 9776
12	2009-03-18-13 3516 3516 2 out	896 5	0 193	0 34	1 5	346	0	IIV6	1	NFVKM*NK	8	NP_149902 1	439L	0 9508
18	2009-03-18-13 3415 3415 2 out	990 6	0 529	0 37	1 5	158	1 099	gi	1	IIYAVRKK	8	YP_654658 1	hypothetical protein MIV086L	0 9891
20	2009-03-18-13 2538 2538 2 out	1034 6	1 307	0 37	1 5	171	0	IIV6	1	LNGKSFKIK	9	NP_149647 1	184R	0 9604

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Sl No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
41	2009-03-18-14 3338 3338 3 out	1515 7	0 171	0 66	3 6	1399	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9868
36	2009-03-18-14 4824 4824 2 out	1457 9	0 613	0 73	3 27	1364	0	Nosema|Nosema|Nosema	5	IIAQVVSSITASLR	14	AAZ23550 1	alpha-tubulin	0 959
4	2009-03-18-14 1472 1472 2 out	800 5	0 175	0 39	3 06	793	0	Nosema	1	RIDIAGR	7	AAB86863 1	actin	0 9846
42	2009-03-18-14 5063 5063 3 out	1515 8	1 091	0 5	2 94	546	0	IIV6	1	MFDSSWIILLYK	12	NP_149535 1	072R	0 9963
16	2009-03-18-14 1264 1264 2 out	1077 5	0 517	0 33	2 61	721	0	Nosema|Nosema|Nosema	3	IREEYPDR	8	AAN35161 1	beta-tubulin	0 9961
50	2009-03-18-14 4116 4116 2 out	1614 9	1 545	0 41	2 56	577	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9833
24	2009-03-18-14 2428 2428 3 out	1171 6	0 024	0 47	2 37	708	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9611
8	2009-03-18-14 1514 1514 1 out	904 4	1 056	0 18	2 19	263	0	IIV6	1	EEELQEK	7	NP_149469 1	006L	1
30	2009-03-18-14 4213 4213 2 out	1268 6	1 55	0 37	2 19	420	1 099	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 993
11	2009-03-18-14 1763 1763 2 out	958 6	0 551	0 22	2 18	508	0	Nosema	1	EAITRLKK	8	BAF76326 1	heat shock protein 70	0 9704
2	2009-03-18-14 1122 1122 2 out	792 5	0 137	0 25	2 13	450	0	Nosema	1	EFKLKK	6	AAS16360 1	translation elongation factor 1 alpha	0 9552
57	2009-03-18-14 4444 4444 3 out	1722	0 381	0 33	2 1	108	2 708	gi	1	IFKQKTSQGM*VGLLR	16	YP_654610 1	hypothetical protein MIV038R	0 96
59	2009-03-18-14 3804 3804 3 out	1895	1 492	0 41	2 02	225	0	gi	1	ATKPGDVVFQISCIFNR	17	YP_654692 1	hypothetical protein MIV120R	0 9877
20	2009-03-18-14 5918 5918 3 out	1118 6	1 547	0 33	1 99	456	0	ABPV	1	VDLCAEVKNK	10	NP_066241 1	replicase polyprotein	0 9739
15	2009-03-18-14 3404 3404 2 out	1071 6	0 237	0 31	1 97	337	0	IIV6	1	GKVEIFHNK	9	NP_149917 1	454R	0 9961
6	2009-03-18-14 7398 7398 2 out	819 4	0 726	0 32	1 96	328	0	IIV6	1	NEKGEDK	7	NP_149500 1	037L	0 9612
34	2009-03-18-14 2162 2162 3 out	1385 7	1 32	0 34	1 94	206	0 693	Nosema|Nosema|Nosema	9	ISEQFSLMFRK	11	AAZ23552 1	beta-tubulin	0 9505
45	2009-03-18-14 3745 3745 2 out	1548 9	1 291	0 34	1 93	638	0	Nosema	1	LETLFDKNLSKIK	13	ABE27269 1	unknown	0 9934
37	2009-03-18-14 3576 3576 2 out	1485 9	0 443	0 48	1 91	557	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9897
9	2009-03-18-14 1060 1060 2 out	940 6	1 809	0 35	1 89	369	0	IIV6	1	RWIQLPK	7	NP_149778 1	315L	0 9758
10	2009-03-18-14 3626 3626 2 out	946 6	0 461	0 61	1 89	346	0	Nosema	1	LGFLKRGR	8	AAT12296 1	chromosome segregation protein	0 9795
49	2009-03-18-14 3384 3384 2 out	1592 8	0 351	0 38	1 88	314	0	IIV6	1	NYPTIQDEMKLLK	13	NP_149675 1	212L	0 995
25	2009-03-18-14 3365 3365 2 out	1187 7	0 453	0 36	1 87	562	0	IIV6	1	IAAQKTILTTK	11	NP_149513 1	050L	0 9978
7	2009-03-18-14 3732 3732 2 out	880 5	1 633	0 38	1 86	338	0	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 9892
19	2009-03-18-14 7864 7864 3 out	1118 5	1 69	0 36	1 83	398	0	IIV6	1	LPEIFDDNR	9	NP_149731 1	268L	0 9631
51	2009-03-18-14 4196 4196 2 out	1629 8	0 634	0 41	1 83	250	0	IIV6	1	WTLENEENKIPEK	13	NP_149590 1	127L	0 9783
52	2009-03-18-14 4207 4207 2 out	1635 9	1 554	0 53	1 83	485	0	Nosema	1	RCAAAFRSAVLAPFR	15	AAT12295 1	phospholipase D	0 9976
32	2009-03-18-14 3895 3895 2 out	1338 7	1 632	0 36	1 76	154	0	Nosema	1	MLTSNSITVSASK	13	AAC47659 1	unknown	0 994
58	2009-03-18-14 4546 4546 3 out	1790 9	0 289	0 34	1 75	140	1 609	IIV6	1	DEELESEKEKGIQTR	15	NP_149883 1	420R	0 9652
68	2009-03-18-14 4573 4573 3 out	2509 3	1 836	0 46	1 74	285	0	Nosema	1	VVENYVSSDVDIICEAMRILIK	22	AAB54170 2	Hypothetical protein C44E4 2	0 9958
44	2009-03-18-14 4019 4019 2 out	1531 8	0 921	0 42	1 7	130	0	gi	1	LLTQPAANFDVTNK	14	YP_654697 1	hypothetical protein MIV125R	0 9922
1	2009-03-18-14 3293 3293 2 out	700 5	0 431	0 31	1 69	361	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9786
22	2009-03-18-14 1516 1516 3 out	1158 6	0 451	0 37	1 68	554	0	Nosema	1	YIKDVHEVR	9	AAL28052 1	AF406785_1 unknown	0 9828
31	2009-03-18-14 2899 2899 2 out	1309 7	0 585	0 41	1 68	196	0	Nosema	1	NLNSILM*FDAR	12	ABO69725 1	unknown	0 9839
35	2009-03-18-14 3218 3218 3 out	1441 8	1 357	0 44	1 67	322	0 693	IIV6	1	KNIVKIEDEVVR	12	NP_149513 1	050L	0 9816
40	2009-03-18-14 5068 5068 3 out	1511 7	1 654	0 34	1 66	410	0 693	IIV6	1	TTIISENDSEM*KK	14	NP_149856 1	393L	1
28	2009-03-18-14 6347 6347 3 out	1226 8	1 171	0 37	1 65	161	1 099	IIV6	1	MLVIGRSPLLK	11	NP_149717 1	254L	0 9729
39	2009-03-18-14 4372 4372 2 out	1498 8	0 2	0 49	1 65	530	0	IIV6	1	EIFICYREGIKK	12	NP_149500 1	037L	0 9818
13	2009-03-18-14 3348 3348 2 out	1048 5	0 59	0 37	1 64	168	0	VDV1	1	LDM*GTLNIR	10	ACF24764 1	polyprotein	1
23	2009-03-18-14 6613 6613 3 out	1170 6	1 593	0 38	1 64	175	0 693	gi	1	TLQYDYLVR	9	YP_654601 1	hypothetical protein MIV029R	0 9853
27	2009-03-18-14 3280 3280 2 out	1199 7	0 633	0 38	1 64	209	0	IIV6	1	KVNIQNKDIK	10	NP_149674 1	211L	0 9968
43	2009-03-18-14 4157 4157 2 out	1516 8	0 401	0 46	1 64	186	0	IIV6	1	IHCLPFLLNYQR	12	NP_149487 1	024L	0 9925
66	2009-03-18-14 4642 4642 3 out	2292 1	0 939	0 48	1 59	174	0 693	gi	1	SPVSNQPSPEEDEPIPDLTLK	21	YP_654593 1	hypothetical protein MIV021L	0 9841
61	2009-03-18-14 3380 3380 3 out	2063	0 972	0 4	1 57	119	1 386	BQCV	1	MVAQSGPVMSQSLSDRVDR	19	NP_620564 1	nonstructural polyprotein	0 9978
46	2009-03-18-14 4516 4516 2 out	1579 9	0 466	0 46	1 56	371	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770 1	307L	0 9712
53	2009-03-18-14 3310 3310 3 out	1638 8	1 401	0 35	1 51	214	0	IIV6	1	M*AISFFSDTSYIIK	15	NP_149489 1	026R	0 9829

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Sr No	File Name	(M+H)	+M	+Cn	XCorr	Sp	RSp	Referenca	No	Peptide	AA	ID#	Protein	PP
105	2009-03-18-15 4060 4060 2 out	1790 9	0 601	0 65	3 32	618	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9968
87	2009-03-18-15 3354 3354 2 out	1515 7	0 474	0 58	2 7	684	0	Nosema	1	IWHHTFYNELR	11	AAB86863 1	actin	0 9545
54	2009-03-18-15 2603 2603 2 out	1171 6	0 296	0 4	2 52	792	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9656
95	2009-03-18-15 4240 4240 2 out	1614 9	0 472	0 32	2 49	376	0 693	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9511
9	2009-03-18-15 705 705 2 out	759 5	1 137	0 04	2 32	225	0	IIV6	1	KNKEIK	6	NP_149864 1	401R	0 9917
90	2009-03-18-15 3669 3669 2 out	1534 8	0 699	0 23	2 21	1091	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655 1	pol polyprotein	0 9572
56	2009-03-18-15 3372 3372 2 out	1178 7	0 498	0 26	2 18	414	0 693	IIV6	1	LINEIKSFSK	10	NP_149500 1	037L	0 9864
5	2009-03-18-15 289 289 2 out	729 5	0 372	0 24	2 09	240	0 693	IIV6	1	KSPAAKK	7	NP_149872 1	411L	0 9689
22	2009-03-18-15 1824 1824 2 out	844 5	0 768	0 08	2 09	319	0	IIV6	1	KNDLNIK	7	NP_149852 1	389L	0 9864
32	2009-03-18-15 3279 3279 2 out	914 6	0 514	0 22	2 09	198	0	IIV6	1	LINDLAKK	8	NP_149647 1	184R	0 9967
38	2009-03-18-15 1336 1336 2 out	973 6	0 51	0 18	2 08	112	2 639	IIV6	1	KEAQKIEK	8	NP_149612 1	149L	0 9933
6	2009-03-18-15 1630 1630 2 out	732 4	0 513	0 08	2 06	455	0 693	Nosema	1	EINNDK	6	ABE26653 1	pol polyprotein	0 9886
79	2009-03-18-15 3706 3706 2 out	1450 6	0 59	0 28	2 06	357	1 099	IIV6	1	M*NDNDDIVEIEK	13	NP_149765 1	302L	0 9981
8	2009-03-18-15 702 702 2 out	746 4	1 13	0 2	1 98	291	0	IIV6	1	EDVKKK	6	NP_149832 1	369L	0 9881
35	2009-03-18-15 3205 3205 2 out	948 5	1 13	0 32	1 97	215	0	Nosema	1	VEFLVVDK	8	ABE26655 1	pol polyprotein	0 9969
10	2009-03-18-15 1852 1852 2 out	771 5	1 682	0 2	1 95	662	0	Nosema	1	RIEILK	6	ABE27266 1	unknown	0 9792
13	2009-03-18-15 1266 1266 2 out	792 5	0 2	0 18	1 95	292	0 693	Nosema	1	EFKLKK	6	AAS16360 1	translation elongation factor 1 alpha	0 9558
63	2009-03-18-15 4255 4255 2 out	1223 6	1 568	0 24	1 94	692	0	Nosema	1	EDKILHGAANR	11	ABO69713 1	Sec61alpha	0 9875
23	2009-03-18-15 1386 1386 2 out	858 5	0 717	0 18	1 93	268	0	IIV6	1	ELKDLLK	7	NP_149920 1	457L	0 9857
94	2009-03-18-15 4985 4985 2 out	1613	1 37	0 48	1 93	289	0	IIV6	1	IVVIGKAGTGKSTLIR	16	NP_149538 1	075L	0 9781
20	2009-03-18-15 1255 1255 2 out	830 5	0 589	0 26	1 92	205	0	IAPV|IAPV	2	LDKDLVK	7	YP_001040002 1	polymerase polyprotein	0 9918
86	2009-03-18-15 3804 3804 2 out	1513 7	1 417	0 22	1 91	377	0	IIV6	1	MASLNDVCYEKIK	13	NP_149776 1	313L	0 9967
88	2009-03-18-15 4993 4993 2 out	1518 8	0 282	0 34	1 91	222	0	MSCUT	1	SGRM*SILVATAVAAR	16	ABQ96192 1	vasa	0 9616
98	2009-03-18-15 4171 4171 2 out	1648 9	0 581	0 21	1 91	229	0 693	IIV6	1	MGITLEDTREEVKK	14	NP_149674 1	211L	0 98
68	2009-03-18-15 3169 3169 2 out	1344 7	0 164	0 23	1 88	430	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9651
45	2009-03-18-15 1596 1596 2 out	1050 6	0 043	0 24	1 87	375	0	IIV6	1	IFAEKSSLR	9	NP_149642 1	179R	0 9686
18	2009-03-18-15 1089 1089 2 out	816 5	0 438	0 15	1 86	366	0	DWV|DWV|DWV|Kakugo	4	QIRMLR	6	NP_853560 2	polyprotein	0 9858
61	2009-03-18-15 4049 4049 2 out	1209 7	1 605	0 18	1 86	270	0	Nosema	1	LIESPAINKPK	11	ABM26979 1	RNA polymerase II largest subunit	0 9582
89	2009-03-18-15 4269 4269 2 out	1524 9	1 439	0 33	1 86	814	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859 1	396L	0 9953
2	2009-03-18-15 2410 2410 2 out	716 4	0 606	0 14	1 85	493	0	Nosema	1	IDLISR	6	AAD04234 1	translation initiation factor 2 gamma subunit	0 9932
83	2009-03-18-15 4581 4581 2 out	1492 9	0 598	0 28	1 85	231	1 609	Nosema	1	VLDNRHLGSIKLK	13	BAF76326 1	heat shock protein 70	1
104	2009-03-18-15 4139 4139 2 out	1764 8	1 881	0 26	1 85	124	0 693	IIV6	1	YRAAEGEGNQFYGM*R	16	NP_149672 1	209R	0 9566
36	2009-03-18-15 1966 1966 2 out	958 6	0 504	0 21	1 84	391	0	Nosema	1	EAITRLKK	8	BAF76326 1	heat shock protein 70	0 9589
28	2009-03-18-15 2213 2213 2 out	892 5	0 657	0 23	1 83	174	0 693	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 9574
40	2009-03-18-15 2755 2755 2 out	989 5	0 011	0 23	1 83	310	2 197	IIV6	1	DKKLNESR	8	NP_149639 1	176R	0 9922
77	2009-03-18-15 3605 3605 2 out	1431 8	0 682	0 37	1 83	43	2 398	KBV|KBV|KBV|KBV|KBV	5	QVSMQIATPNKSK	13	ABN49472 1	VP4 protein	0 9941
70	2009-03-18-15 4105 4105 2 out	1356 7	1 495	0 24	1 82	311	0	IIV6	1	MQTGNNLHSLNK	12	NP_149767 1	304R	0 9724
99	2009-03-18-15 4782 4782 2 out	1672 8	0 128	0 39	1 82	227	0	Nosema	1	ESVCFYCKKPGHFK	14	ABE26655 1	pol polyprotein	0 9763
24	2009-03-18-15 3154 3154 2 out	861 5	1 558	0 17	1 8	338	0	IIV6	1	EKLIKCK	7	NP_149600 1	137R	0 9602
39	2009-03-18-15 3394 3394 2 out	978 5	0 785	0 19	1 8	358	0	IIV6	1	SMLKQMLK	8	NP_149751 1	288R	0 9915
47	2009-03-18-15 3337 3337 2 out	1086 6	0 675	0 24	1 8	330	1 099	IIV6	1	LKNLEINDK	9	NP_149609 1	146R	1
78	2009-03-18-15 3991 3991 2 out	1437 7	1 691	0 21	1 8	244	0	IIV6	1	MTINQIMASIMGK	13	NP_149891 1	428L	0 9952
82	2009-03-18-15 3582 3582 2 out	1485 9	0 481	0 37	1 79	452	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9933
48	2009-03-18-15 4109 4109 2 out	1102 7	0 493	0 38	1 74	365	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 951
46	2009-03-18-15 3217 3217 2 out	1058 6	0 571	0 21	1 73	273	0	IIV6	1	SPNVSLTGKR	10	NP_149664 1	201R	0 9634
7	2009-03-18-15 8144 8144 2 out	743 5	1 585	0 25	1 72	189	1 792	gi	1	VVERIK	6	YP_654652 1	hypothetical protein MIV080R	0 9825
15	2009-03-18-15 6049 6049 2 out	803 5	1 734	0 35	1 72	261	0	Noesema|Noesema|Nosema	6	QAIEKSK	7	ABM26981 1	RNA polymerase II largest subunit	0 9507
37	2009-03-18-15 1803 1803 2 out	961 4	0 378	0 29	1 72	284	0	SV|SV	2	EASPNSDGGK	10	NP_049374 1	polyprotein	0 9956
52	2009-03-18-15 3673 3673 2 out	1132 6	0 388	0 28	1 72	403	0	gi	1	RGQMKNEGGR	10	YP_654692 1	hypothetical protein MIV120R	0 9883
73	2009-03-18-15 4062 4062 2 out	1377 7	0 911	0 41	1 72	210	0	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9888
103	2009-03-18-15 4206 4206 2 out	1763 1	0 287	0 4	1 72	470	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9931
60	2009-03-18-15 4175 4175 2 out	1205 7	1 574	0 28	1 71	262	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9968
29	2009-03-18-15 3390 3390 2 out	896 5	0 221	0 21	1 69	417	0	IIV6	1	NFVKM*NK	8	NP_149902 1	439L	0 9944
21	2009-03-18-15 2807 2807 2 out	843 5	1 971	0 21	1 68	309	0	Nosema	1	KVIATGVR	8	AAT72741 1	deoxyuridine 5' triphosphate nucleotidehydrolase	0 984
66	2009-03-18-15 4653 4653 2 out	1283 8	0 832	0 29	1 68	590	0 693	IIV6	1	LVNSGNAIRLVK	12	NP_149639 1	176R	0 9955
72	2009-03-18-15 4213 4213 2 out	1374 8	0 902	0 42	1 68	406	0	IIV6	1	LNKSLTISENKK	12	NP_149508 1	045L	0 9951
84	2009-03-18-15 4497 4497 2 out	1500 7	0 626	0 43	1 67	225	0 693	IIV6	1	DDM*AASYLEGKER	14	NP_149635 1	172L	0 9923
69	2009-03-18-15 4422 4422 2 out	1348 8	0 721	0 31	1 65	394	0	IIV6	1	KFKDILIATGDK	12	NP_149612 1	149L	0 9978
97	2009-03-18-15 4276 4276 2 out	1648 8	0 778	0 35	1 65	208	0	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0 9983
26	2009-03-18-15 2808 2808 2 out	877 6	1 394	0 3	1 64	209	1 099	IIV6	1	QIVKVYK	7	NP_149813 1	350L	0 9954
101	2009-03-18-15 4083 4083 2 out	1712 9	0 574	0 36	1 64	112	1 609	IIV6	1	QALLNTAGSSIM*YLSK	17	NP_149618 1	155L	0 9891
30	2009-03-18-15 1592 1592 2 out	902 6	1 687	0 27	1 63	118	1 609	IIV6	1	VLVYAPLK	8	NP_149612 1	149L	0 9973
102	2009-03-18-15 4398 4398 2 out	1746 8	1 533	0 31	1 63	154	1 099	IIV6	1	NCQEKETIYSDNFR	14	NP_149500 1	037L	0 952
112	2009-03-18-15 4997 4997 3 out	2653 4	1 34	0 37	1 63	263	0	BQCV	1	VKFATNHVSRLM*LLNHVQCDIAK	24	NP_620565 1	structural polyprotein	0 9672
25	2009-03-18-15 6991 6991 2 out	875 5	0 912	0 35	1 6	184	0	Nosema	1	DAGGRIMR	8	ABE26648 1	pol polyprotein	0 9974
33	2009-03-18-15 7086 7086 2 out	921 6	1 404	0 4	1 6	185	1 609	IIV6	1	SLRSFAIK	8	NP_149767 1	304R	0 9682
59	2009-03-18-15 3241 3241 2 out	1199 7	0 051	0 33	1 6	249	0 693	IIV6	1	KVNIQNKDIK	10	NP_149674 1	211L	0 9529
81	2009-03-18-15 3076 3076 2 out	1458 9	0 436	0 26	1 6	323	0	gi	1	IISTIQDKVVKSK	13	YP_654658 1	hypothetical protein MIV086L	0 9787
96	2009-03-18-15 3306 3306 2 out	1631 8	0 302	0 27	1 6	172	0	IIV6	1	IDADLQGNGM*VEIIK	16	NP_149618 1	155L	0 9977
42	2009-03-18-15 3430 3430 2 out	1040 5	1 49	0 35	1 59	256	0	IIV6	1	EM*M*KINDK	10	NP_149463 1	468L	0 9973
111	2009-03-18-15 4699 4699 3 out	2295 1	0 103	0 44	1 59	76	2 079	IIV6	1	ESVVDCISFGLTFNCSFTTPK	21	NP_149862 1	399R	0 9901
31	2009-03-18-15 3489 3489 2 out	911 5	0 464	0 28	1 57	160	0 693	IIV6	1	ILDFYLK	7	NP_149648 1	185L	0 9848
50	2009-03-18-15 4066 4066 2 out	1122 5	0 616	0 26	1 57	267	0	IIV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0 9735
75	2009-03-18-15 4515 4515 2 out	1410 9	0 555	0 31	1 57	183	1 099	Nosema	1	LKEIINVAKNIR	12	AAD12605 1	RNA polymerase II largest subunit	0 9817
17	2009-03-18-15 1328 1328 2 out	815 5	1 691	0 25	1 55	203	0	IIV6	1	KRSLSPK	7	NP_149829 1	366R	0 9729
107	2009-03-18-15 4582 4582 2 out	1947 8	0 706	0 32	1 55	175	0	Nosema	1	FNEQCGREM*EVLMSMK	17	ABV48900 1	hypothetical spore wall protein	0 9835
3	2009-03-18-15 2332 2332 2 out	722 3	1 003	0 29	1 54	361	0	IIV6	1	IGEM*EK	7	NP_149891 1	428L	0 9965
76	2009-03-18-15 3663 3663 2 out	1413 7	0 64	0 46	1 53	117	1 386	IIV6	1	HDTDTIWKLER	11	NP_149633 1	170L	0 9759
51	2009-03-18-15 7129 7129 3 out	1130 6	1 72	0 44	1 52	235	0	IAPV|IAPV	2	NIADMKLPTK	10	YP_001040002 1	polymerase polyprotein	1
71	2009-03-18-15 3718 3718 2 out	1366 7	1 614	0 39	1 52	524	0	IIV6	1	INLVLFDHHCR	11	NP_149818 1	355R	0 9895
100	2009-03-18-15 4483 4483 2 out	1692	1 783	0 3	1 52	124	0	IIV6	1	PYDIKIAM*LRLNTK	15	NP_149701 1	238R	0 9877
109	2009-03-18-15 4327 4327 2 out	2010 1	1 651	0 44	1 51	54	1 099	Nosema	1	LKEINLEVLKFPHSSQK	17	ABE27271 1	unknown	1
16	2009-03-18-15 1939 1939 2 out	812 4	1 637	0 51	1 5	192	0	Nosema	1	TIEM*M*R	8	ABV48900 1	hypothetical spore wall protein	0 9921

Test 99

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
73	2009-03-18-16 4016 4016 2 out	1790 9	0 565	0 59	3 5	823	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9974
31	2009-03-18-16 2679 2679 2 out	1171 6	0 607	0 36	2 61	864	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9984
49	2009-03-18-16 4294 4294 2 out	1433 8	0 545	0 56	2 48	712	0	IIV6	1	TITEFDPPSIVSK	13	NP_149687 1	224L	0 9845
63	2009-03-18-16 4040 4040 2 out	1614 9	0 412	0 39	2 32	701	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9949
8	2009-03-18-16 1673 1673 2 out	800 5	0 969	0 22	2 27	467	0	Nosema	1	RIDIAGR	7	AAB86863 1	actin	0 9918
12	2009-03-18-16 2170 2170 2 out	892 5	0 528	0 28	2 27	315	0	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 9769
17	2009-03-18-16 1996 1996 2 out	958 6	0 554	0 25	2 24	577	0	Nosema	1	EAITRLKK	8	BAF76326 1	heat shock protein 70	0 9888
67	2009-03-18-16 3773 3773 3 out	1738 9	0 875	0 33	2 24	286	1 099	Nosema	1	VPYASPAFM*IEKKNK	16	ABE26651 1	pol polyprotein	0 9856
41	2009-03-18-16 3796 3796 2 out	1320 7	1 33	0 37	2 2	193	1 099	IIV6	1	VQFNDTNLKNK	11	NP_149852 1	389L	0 9887
53	2009-03-18-16 3276 3276 2 out	1475 6	1 574	0 25	2 2	477	0 693	IIV6	1	EMNNTCSSGYLTR	13	NP_149930 1	467R	0 9731
29	2009-03-18-16 5712 5712 3 out	1148 7	1 832	0 38	2 17	296	0	IAPV|IAPV	2	LIKKYVSGIK	10	YP_001040002 1	polymerase polyprotein	0 9923
7	2009-03-18-16 249 249 2 out	761 4	0 172	0 14	2 13	502	0	IIV6	1	EIQLMK	6	NP_149723 1	260R	0 961
65	2009-03-18-16 4307 4307 2 out	1703 9	1 841	0 3	2 1	131	0 693	Nosema	1	ISSSTWINNMNPVIK	15	ABE26652 1	pol polyprotein	0 9563
42	2009-03-18-16 2998 2998 2 out	1344 7	1 563	0 33	2 09	367	0	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9948
45	2009-03-18-16 4044 4044 2 out	1374 7	0 365	0 29	2	573	0	Nosema	1	EVMRIQAESIAK	12	AAT12295 1	phospholipase D	0 9638
62	2009-03-18-16 4942 4942 2 out	1613	1 322	0 39	1 97	361	0	IIV6	1	IVVIGKAGTGKSTLIR	16	NP_149538 1	075L	0 985
64	2009-03-18-16 3776 3777 2 out	1630 8	1 632	0 34	1 97	553	0	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9834
4	2009-03-18-16 368 368 2 out	729 5	0 523	0 25	1 93	228	0	IIV6	1	KSPAAKK	7	NP_149872 1	411L	0 9735
6	2009-03-18-16 1010 1010 2 out	757 5	0 622	0 24	1 92	132	1 609	gi	1	ELVRLK	6	YP_654600 1	hypothetical protein MIV028R	0 9844
28	2009-03-18-16 1672 1672 3 out	1142 7	0 918	0 32	1 9	487	0	IIV6	1	KDIAISKVLR	10	NP_149485 1	022L	0 9596
33	2009-03-18-16 3228 3228 2 out	1199 7	1 545	0 29	1 9	398	0	IIV6	1	KVNIQNKDIK	10	NP_149674 1	211L	0 9852
14	2009-03-18-16 4841 4841 2 out	921 6	1 93	0 26	1 88	328	0	IIV6	1	SLRSFAIK	8	NP_149767 1	304R	0 9682
10	2009-03-18-16 1108 1108 2 out	816 5	0 794	0 24	1 86	385	0	DWV|DWV|DWV|Kakugo	4	QIRMLR	6	NP_853560 2	polyprotein	0 9686
70	2009-03-18-16 4157 4157 2 out	1763 1	0 27	0 5	1 84	537	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	0 9792
32	2009-03-18-16 3354 3354 2 out	1187 7	0 282	0 33	1 83	701	0	IIV6	1	IAAQKTILTTK	11	NP_149513 1	050L	0 9966
23	2009-03-18-16 3383 3383 2 out	1071 6	0 139	0 4	1 79	793	0	IIV6	1	GKVEIFHNK	9	NP_149917 1	454R	0 9938
3	2009-03-18-16 2591 2591 2 out	721 4	1 792	0 35	1 76	436	0	Nosema	1	AKIDM*K	7	AAB62549 1	glutamyl-tRNA synthetase	0 9826
5	2009-03-18-16 833 833 2 out	743 5	1 746	0 26	1 75	313	0 693	gi	1	VVERIK	6	YP_654652 1	hypothetical protein MIV080R	0 9984
35	2009-03-18-16 2987 2987 3 out	1220 7	1 222	0 44	1 75	360	0	IIV6	1	KATRPFQMGGK	11	NP_149731 1	268L	0 9537
1	2009-03-18-16 3303 3303 2 out	700 5	0 101	0 37	1 74	360	0	Nosema	1	VXDIIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9723
18	2009-03-18-16 1718 1718 2 out	989 6	0 358	0 29	1 74	353	0	gi	1	TVCRLLER	8	YP_654695 1	hypothetical protein MIV123L	0 9981
51	2009-03-18-16 3510 3510 2 out	1459 8	0 45	0 3	1 74	403	0	IIV6	1	M*PHYVVVKSPMR	13	NP_149567 1	104L	0 9549
19	2009-03-18-16 3402 3402 2 out	1040 5	1 66	0 4	1 72	253	0	IIV6	1	EM*M*KINDK	10	NP_149463 1	468L	0 9547
74	2009-03-18-16 4725 4725 2 out	1824 9	1 55	0 35	1 72	308	0	Nosema	1	IYDISNDDVRRAMEK	15	ABO69724 1	unknown	0 9953
81	2009-03-18-16 3850 3850 3 out	2166 1	1 517	0 5	1 71	90	0 693	Nosema	1	ISAEDNLLIFDEMVRGGMR	19	AAB62549 1	glutamyl-tRNA synthetase	0 9967
25	2009-03-18-16 4066 4066 2 out	1102 7	0 429	0 46	1 69	451	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9707
13	2009-03-18-16 2704 2704 2 out	915 6	0 085	0 33	1 68	130	0 693	VDV1|VDV1	2	EKLISVVK	8	YP_145791 1	polyprotein	0 9955
11	2009-03-18-16 3750 3750 2 out	880 5	1 838	0 36	1 67	280	0 693	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 9859
66	2009-03-18-16 4038 4038 2 out	1712 9	0 603	0 42	1 66	86	1 946	IIV6	1	QALLNTAGSSIM*YLSK	17	NP_149618 1	155L	0 9859
21	2009-03-18-16 3456 3456 2 out	1048 5	0 642	0 38	1 65	177	0	VDV1	1	LDM*GTLNIR	10	ACF24764 1	polyprotein	0 9908
60	2009-03-18-16 4426 4426 2 out	1579 9	0 472	0 42	1 65	725	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770 1	307L	0 9969
50	2009-03-18-16 3969 3969 2 out	1438 7	0 658	0 39	1 64	249	0	Nosema	1	YHIEETYDKLK	11	ABE27264 1	unknown	0 979
34	2009-03-18-16 4024 4024 2 out	1205 7	0 227	0 36	1 62	210	0 693	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9971
55	2009-03-18-16 4128 4128 2 out	1513	0 613	0 46	1 62	163	0	IIV6	1	LILIASLVLLLFGK	14	NP_149676 1	213R	0 9928
69	2009-03-18-16 4190 4190 2 out	1746 8	0 481	0 44	1 62	278	0	IIV6	1	NCQEKETIYSDNFR	14	NP_149500 1	037L	0 9826
71	2009-03-18-16 3821 3821 2 out	1769 8	1 604	0 37	1 62	345	0	IIV6	1	FEASEMYSWYKSNK	14	NP_149902 1	439L	0 9984
43	2009-03-18-16 3678 3678 2 out	1366 7	1 694	0 33	1 61	517	0	IIV6	1	INLVLFDHHCR	11	NP_149818 1	355R	0 9842
15	2009-03-18-16 2699 2699 2 out	922 4	0 576	0 35	1 59	345	0 693	IIV6	1	DREMMIK	7	NP_149469 1	006L	0 9968
56	2009-03-18-16 3659 3659 2 out	1522 8	0 587	0 35	1 59	282	0	IIV6	1	M*ANLSGNSQLIGSSK	16	NP_149724 1	261R	0 9849
59	2009-03-18-16 2865 2865 3 out	1548 8	0 597	0 34	1 58	299	0	gi	1	MTITNTWAQLNKK	13	YP_654621 1	hypothetical protein MIV049R	0 9748
47	2009-03-18-16 3800 3800 2 out	1399 6	1 477	0 56	1 57	298	0	IIV6	1	FRSDMQESLMR	11	NP_149676 1	213R	0 9573
72	2009-03-18-16 3707 3707 3 out	1775 9	1 263	0 39	1 57	114	1 792	Nosema	1	ALVELRDSPVDTEFGK	16	AAC47660 1	mitochondrial-type HSP70	0 9854
37	2009-03-18-16 2247 2247 3 out	1255 6	0 207	0 33	1 56	257	0	IIV6	1	KYIISTNNM*R	11	NP_149589 1	126R	0 9664
76	2009-03-18-16 3006 3006 3 out	1978	1 266	0 41	1 54	247	0 693	IIV6	1	FFSTLNLAFEKINDYR	16	NP_149837 1	374R	0 9575
61	2009-03-18-16 4371 4371 3 out	1585 9	0 592	0 51	1 53	104	0 693	Nosema	1	KIQNLSERIM*IPK	14	ABY49796 1	hypothetical spore wall protein 14	0 9701
30	2009-03-18-16 3675 3675 2 out	1160 6	0 161	0 4	1 52	398	0	KBV|KBV	2	ITVENALGESK	11	NP_851403 1	non-structural polyprotein	0 979
48	2009-03-18-16 3628 3628 2 out	1413 7	0 681	0 42	1 51	99	1 792	IIV6	1	HDTDTIWKLER	11	NP_149633 1	170L	0 9874
52	2009-03-18-16 1587 1587 3 out	1466 7	1 74	0 38	1 51	146	0 693	Nosema	1	KKTFLHWYTGEG	12	ABG91162 1	beta-tubulin	0 9682
27	2009-03-18-16 3920 3920 2 out	1134 6	0 558	0 38	1 5	315	0	IAPV|IAPV	2	VQKNNPSGYK	10	YP_001040003 1	structural polyprotein	0 9973

Test 100

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
82	2009-03-18-17 4014 4014 2 out	1790 9	1 41	0 66	3 8	674	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0 9765
36	2009-03-18-17 2647 2647 2 out	1171 6	0 426	0 4	2 9	744	0	Nosema	1	HKGVMVGMGQK	11	AAB86863 1	actin	0 9982
60	2009-03-18-17 3738 3738 2 out	1432 8	0 96	0 36	2 26	568	0	gi	1	AM*VLDILKELGSK	14	YP_654651 1	hypothetical protein MIV079L	0 968
46	2009-03-18-17 4140 4140 2 out	1268 6	1 576	0 3	2 21	522	0 693	IIV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9943
35	2009-03-18-17 2765 2765 2 out	1164 6	1 261	0 36	2 09	246	0	IIV6	1	KVKNQCESTK	10	NP_149813 1	350L	0 9584
4	2009-03-18-17 620 620 2 out	731 4	1 741	0 16	2 05	248	1 099	IIV6	1	VKDELK	6	NP_149469 1	006L	0 9988
57	2009-03-18-17 4048 4048 2 out	1377 7	1 475	0 27	2 03	161	0	IIV6	1	NENNSVGRTQMK	12	NP_149530 1	067R	0 9931
73	2009-03-18-17 3355 3355 2 out	1592 8	0 598	0 28	2 03	373	0	IIV6	1	NYPTIQDEMKLLK	13	NP_149675 1	212L	0 9837
54	2009-03-18-17 2987 2987 2 out	1344 7	1 362	0 32	2 02	315	1 099	IIV6	1	IENENNLEEIK	11	NP_149776 1	313L	0 9985
77	2009-03-18-17 4008 4008 2 out	1632 9	0 539	0 33	1 97	344	0	IIV6	1	TALANTALILMEIMK	15	NP_149904 1	441R	0 967
23	2009-03-18-17 4588 4588 2 out	994 4	0 682	0 27	1 92	165	1 946	KBV|KBV|KBV	3	MNNEALM*R	9	YP_308663 1	VP3	0 9876
70	2009-03-18-17 4497 4497 2 out	1545 9	0 577	0 21	1 9	196	0	IIV6	1	QKDFHFKEILLK	12	NP_149493 1	030L	0 9949
53	2009-03-18-17 3034 3034 2 out	1323 5	1 338	0 3	1 88	68	0	Nosema	1	EDDESEKNDDK	11	ABV48893 1	hypothetical spore wall protein	0 999
10	2009-03-18-17 963 963 2 out	792 5	0 401	0 16	1 87	406	0	Nosema	1	EFKLKK	6	AAS16360 1	translation elongation factor 1 alpha	0 9967
68	2009-03-18-17 3629 3629 2 out	1533 8	0 773	0 33	1 87	297	0 693	gi	1	PVVYSTRDGAEVLK	14	YP_654588 1	hypothetical protein MIV016R	0 9817
5	2009-03-18-17 2634 2634 2 out	748 4	0 596	0 29	1 86	610	0	Nosema	1	EVECLR	6	ABV48890 1	hypothetical spore wall protein	0 9886
17	2009-03-18-17 3651 3651 2 out	880 5	1 786	0 39	1 86	343	0 693	IIV6	1	NFVKMNK	7	NP_149902 1	439L	0 9928
31	2009-03-18-17 4056 4056 2 out	1102 7	1 529	0 48	1 86	515	0	Nosema	1	PLKSIILYR	9	ABO69724 1	unknown	0 9802
74	2009-03-18-17 4960 4960 2 out	1613	1 336	0 44	1 85	307	0	IIV6	1	IVVIGKAGTGKSTLIR	16	NP_149538 1	075L	0 9876
55	2009-03-18-17 3190 3190 2 out	1353 7	0 589	0 31	1 84	210	0	gi	1	M*LVNM*ATWEVK	13	YP_654666 1	hypothetical protein MIV094L	0 9907
28	2009-03-18-17 1265 1265 3 out	1082 7	1 874	0 42	1 81	199	0	Nosema	1	IETHLKLTK	9	ABV48898 1	hypothetical spore wall protein	0 9859
76	2009-03-18-17 3760 3760 2 out	1630 8	0 613	0 34	1 8	311	1 099	IIV6	1	QENMLIESHNM*LR	14	NP_149463 1	468L	0 9505
15	2009-03-18-17 1375 1375 2 out	835 5	0 685	0 19	1 77	411	0	IIV6	1	MLIM*ALK	8	NP_149882 1	419L	0 9979
75	2009-03-18-17 3923 3923 2 out	1614 9	0 575	0 36	1 77	306	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513 1	050L	0 9763
80	2009-03-18-17 4543 4543 2 out	1746 8	0 737	0 41	1 77	148	0 693	IIV6	1	NCQEKETIYSDNFR	14	NP_149500 1	037L	0 9848
27	2009-03-18-17 3419 3419 2 out	1071 6	0 599	0 24	1 76	233	0	IIV6	1	GKVEIFHNK	9	NP_149917 1	454R	0 9937
49	2009-03-18-17 3690 3690 2 out	1309 8	0 769	0 34	1 76	294	0 693	Nosema	1	HFGVRLLRLAK	11	AAU11093 1	unknown	0 9994
65	2009-03-18-17 4973 4973 2 out	1518 8	0 257	0 32	1 75	192	0	MSCUT	1	SGRM*SILVATAVAAR	16	ABQ96192 1	vasa	0 999
14	2009-03-18-17 905 905 2 out	830 5	0 26	0 21	1 74	165	0 693	Kakugo	1	QIQWKK	6	YP_015696 1	polyprotein	0 9985
59	2009-03-18-17 4035 4035 2 out	1411 7	0 422	0 34	1 74	475	0	IIV6	1	FKERASHFDFK	11	NP_149818 1	355R	0 9881
21	2009-03-18-17 2713 2713 2 out	989 5	0 433	0 3	1 73	457	0	IIV6	1	DKKLNESR	8	NP_149639 1	176R	0 9958
22	2009-03-18-17 1710 1710 2 out	989 6	0 358	0 31	1 72	531	0	gi	1	TVCRLLER	8	YP_654695 1	hypothetical protein MIV123L	0 9703
52	2009-03-18-17 5677 5677 3 out	1315 8	0 676	0 42	1 72	215	0 693	Nosema	1	KGVQNIDTISLK	12	AAT72742 1	60S ribosomal protein L10a	0 9688
63	2009-03-18-17 3480 3480 2 out	1485 9	0 275	0 54	1 71	447	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9922
66	2009-03-18-17 4215 4215 2 out	1524 9	1 43	0 36	1 71	632	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859 1	396L	0 9952
16	2009-03-18-17 2176 2176 2 out	859 5	0 065	0 37	1 7	199	1 386	Nosema	1	IQAESIAK	8	AAT12295 1	phospholipase D	0 997
81	2009-03-18-17 4126 4126 2 out	1763 1	0 352	0 51	1 68	416	0	Nosema	1	RMFVLAVIVLFLITK	15	AAL28057 1	AF406785_6 calmodulin-dependent protein kinase	1
6	2009-03-18-17 3227 3227 2 out	760 4	0 008	0 29	1 67	214	0 693	IIV6	1	LNSGEIK	7	NP_149761 1	298R	0 9832
18	2009-03-18-17 2400 2400 2 out	892 5	0 725	0 31	1 67	179	0	IIV6	1	ETVGVLFK	8	NP_149770 1	307L	0 9803
78	2009-03-18-17 4227 4227 2 out	1648 8	0 602	0 41	1 67	350	0	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0 9505
26	2009-03-18-17 3323 3323 2 out	1048 5	0 564	0 34	1 64	136	1 099	VDV1	1	LDM*GTLNIR	10	ACF24764 1	polyprotein	0 9991
30	2009-03-18-17 1032 1032 2 out	1093 6	0 111	0 31	1 61	240	0 693	SV|SV|SV	3	LSTILTSCKK	10	AAL79021 1	AF469603_1 polyprotein	0 9865
56	2009-03-18-17 4049 4049 2 out	1356 7	1 521	0 39	1 6	294	0	IIV6	1	MQTGNNLHSLNK	12	NP_149767 1	304R	0 9836
12	2009-03-18-17 1678 1678 2 out	820 4	0 086	0 36	1 59	322	0	KBV	1	QIDVSMQ	7	YP_308662 1	VP2	0 992
9	2009-03-18-17 6905 6905 2 out	790 4	1 074	0 38	1 57	175	0	IIV6	1	KEAGEEK	7	NP_149490 1	027L	0 9938
88	2009-03-18-17 4414 4414 3 out	2629 2	0 397	0 39	1 57	245	0	Nosema	1	MYARIFMSYRVNSADSFMINGR	22	ABV48897 1	hypothetical spore wall protein	0 9756
33	2009-03-18-17 6119 6119 3 out	1109 5	1 244	0 42	1 55	98	2 639	Nosema	1	VDYNVKEDK	9	ABO69713 1	Sec61alpha	0 9813
71	2009-03-18-17 4425 4425 2 out	1579 9	0 438	0 4	1 54	614	0	IIV6	1	FLRETVGVLFKDR	13	NP_149770 1	307L	0 9956
42	2009-03-18-17 4041 4041 2 out	1205 7	0 038	0 3	1 52	174	0	IIV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9843
39	2009-03-18-17 4639 4639 2 out	1176 7	0 371	0 37	1 51	167	0	Nosema	1	NIPQAPRGVPK	11	BAF76326 1	heat shock protein 70	0 973
62	2009-03-18-17 3834 3834 2 out	1476 8	0 881	0 4	1 51	82	1 609	IIV6	1	IYNGYHERPISK	12	NP_149795 1	332L	0 9901
19	2009-03-18-17 3138 3138 2 out	930 5	0 365	0 39	1 5	315	0	IIV6	1	EAIDILEK	8	NP_149624 1	161L	0 9933