

ProteinPilot™ Software Report

Template Version 1.00 light report

Summary of Identification Yields

Identification Yield
at FDR Threshold

Data Level	FDR Type	FDR	ID Yield
Protein	Local	1%	514
		5%	569
		10%	603
	Global	1%	620
		5%	776
		10%	916
Distinct peptide	Local	1%	888
		5%	1445
		10%	2017
	Global	1%	1368
		5%	2569
		10%	3847
Spectral	Local	1%	4576
		5%	7115
		10%	9007
	Global	1%	6957
		5%	11435
		10%	14223

Corresponding Confidence in
ProteinPilot™ Software

Protein	Local	1%	94.5%
		5%	88.3%
		10%	83.0%
	Global	1%	80.0%
		5%	42.5%
		10%	20.6%
Distinct peptide	Local	1%	99.4%
		5%	95.7%
		10%	78.0%
	Global	1%	96.7%
		5%	52.8%
		10%	11.8%
Spectral	Local	1%	98.5%
		5%	89.1%
		10%	69.9%
	Global	1%	90.3%
		5%	46.2%
		10%	18.0%

Search Properties



General

Group filename	2jSET11.group
Start date	22-01-19
Start time	01/22/2019 11:34:00
User name	PC26635\Sabine

Search Input

Number of spectra in search	88035
Number of input files	1

Search Method

Sample Type	Identification
Cysteine Alkylation	Iodoacetamide
Digestion	Trypsin
Special Factors	
Instrument	TripleTOF 5600
Species	
Search Effort	Thorough
ID Focus	Biological modifications; Amino acid substitutions
FDR Analysis	Yes
Quantitation	
Background Correction	No
Bias Correction	Yes
Channel to use as denominator in ratios	
Modified Data Dictionary or Parameter Translation	Yes

Database Searched

Database filename	C:\AB SCIEX\ProteinPilot Data\SearchDatabases\2JSET11_2rd_DBs.fasta
Number of Proteins in Database	15254
Number of proteins searched	30508

Hardware and Software Environment

RAM (MB)	65458
Computer name	PC26635
Number of cores in computer	10
Number of threads (double cores if hyperthreading on)	20
Number of cores licensed to use	8
Operating system	Windows 7 Professional Service Pack 1 (6.1.7601)
ProteinPilot Software Version	5.0.1.0, 4895
Paragon Algorithm Version	5.0.1.0, 4874

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Summary of Identification Yields

Identification Yield
at FDR Threshold

Data Level	FDR Type	FDR	ID Yield
Protein	Local	1%	392
		5%	437
		10%	461
	Global	1%	473
		5%	587
		10%	740
Distinct peptide	Local	1%	750
		5%	1190
		10%	1630
	Global	1%	1147
		5%	2095
		10%	3177
Spectral	Local	1%	3723
		5%	6607
		10%	8348
	Global	1%	6033
		5%	10401
		10%	12742
Protein	Local	1%	93.1%
		5%	87.4%
		10%	83.0%
	Global	1%	79.6%
		5%	48.7%
		10%	16.8%
Distinct peptide	Local	1%	99.1%
		5%	94.9%
		10%	81.1%
	Global	1%	95.6%
		5%	54.7%
		10%	14.3%
Spectral	Local	1%	98.6%
		5%	87.1%
		10%	69.1%
	Global	1%	90.7%
		5%	46.4%
		10%	15.5%

Corresponding Confidence in
ProteinPilot™ Software

Search Properties

General

Group filename	2nSET12.group
Start date	22-01-19
Start time	01/22/2019 11:35:16
User name	PC26635\Sabine

Search Input

Number of spectra in search	82451
Number of input files	1

Search Method

Sample Type	Identification
Cysteine Alkylation	Iodoacetamide
Digestion	Trypsin
Special Factors	
Instrument	TripleTOF 5600
Species	
Search Effort	Thorough
ID Focus	Biological modifications; Amino acid substitutions
FDR Analysis	Yes
Quantitation	
Background Correction	No
Bias Correction	Yes
Channel to use as denominator in ratios	
Modified Data Dictionary or Parameter Translation	Yes

Database Searched

Database filename	C:\AB SCIEX\ProteinPilot Data\SearchDatabases\2nSET12_2rd_DBs.fasta
Number of Proteins in Database	13774
Number of proteins searched	27548

Hardware and Software Environment

RAM (MB)	65458
Computer name	PC26635
Number of cores in computer	10
Number of threads (double cores if hyperthreading on)	20
Number of cores licensed to use	8
Operating system	Windows 7 Professional Service Pack 1 (6.1.7601)
ProteinPilot Software Version	5.0.1.0, 4895
Paragon Algorithm Version	5.0.1.0, 4874

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Summary of Identification Yields

Identification Yield
at FDR Threshold

Data Level	FDR Type	FDR	ID Yield
Protein	Local	1%	505
		5%	507
		10%	550
	Global	1%	568
		5%	720
		10%	846
Distinct peptide	Local	1%	1048
		5%	1181
		10%	1775
	Global	1%	1328
		5%	2342
		10%	3954
Spectral	Local	1%	3884
		5%	6060
		10%	7610
	Global	1%	5903
		5%	9616
		10%	11818

Corresponding Confidence in
ProteinPilot™ Software

Protein	Local	1%	90.7%
		5%	90.5%
		10%	83.0%
	Global	1%	78.1%
		5%	36.9%
		10%	14.9%
Distinct peptide	Local	1%	98.4%
		5%	97.1%
		10%	81.6%
	Global	1%	95.4%
		5%	46.4%
		10%	0.1%
Spectral	Local	1%	98.9%
		5%	91.6%
		10%	77.5%
	Global	1%	92.8%
		5%	50.8%
		10%	15.5%

Search Properties

General

Group filename	2j2SET13.group
Start date	22-01-19
Start time	01/22/2019 11:33:21
User name	PC26635\Sabine

Search Input

Number of spectra in search	75910
Number of input files	1

Search Method

Sample Type	Identification
Cysteine Alkylation	Iodoacetamide
Digestion	Trypsin
Special Factors	
Instrument	TripleTOF 5600
Species	
Search Effort	Thorough
ID Focus	Biological modifications; Amino acid substitutions
FDR Analysis	Yes
Quantitation	
Background Correction	No
Bias Correction	Yes
Channel to use as denominator in ratios	
Modified Data Dictionary or Parameter Translation	Yes

Database Searched

Database filename	C:\AB SCIEX\ProteinPilot Data\SearchDatabases\2J2SET13_2rd_DBs.fasta
Number of Proteins in Database	18504
Number of proteins searched	37008

Hardware and Software Environment

RAM (MB)	65458
Computer name	PC26635
Number of cores in computer	10
Number of threads (double cores if hyperthreading on)	20
Number of cores licensed to use	8
Operating system	Windows 7 Professional Service Pack 1 (6.1.7601)
ProteinPilot Software Version	5.0.1.0, 4895
Paragon Algorithm Version	5.0.1.0, 4874

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Summary of Identification Yields

Data Level		FDR Type	FDR	ID Yield
Protein	Local		1%	411
			5%	452
			10%	473
	Global		1%	485
			5%	592
			10%	772
Distinct peptide	Local		1%	707
			5%	1131
			10%	1570
	Global		1%	1082
			5%	2012
			10%	3124
Spectral	Local		1%	4234
			5%	6353
			10%	7827
	Global		1%	6331
			5%	9918
			10%	12121
Protein	Local		1%	95.9%
			5%	91.5%
			10%	88.0%
	Global		1%	85.9%
			5%	55.3%
			10%	18.7%
Distinct peptide	Local		1%	99.6%
			5%	96.2%
			10%	80.0%
	Global		1%	97.0%
			5%	54.3%
			10%	12.9%
Spectral	Local		1%	98.6%
			5%	87.5%
			10%	68.4%
	Global		1%	87.9%
			5%	40.4%
			10%	17.4%

Search Properties

General

Group filename	2n2SET14.group
Start date	22-01-19
Start time	01/22/2019 11:34:41
User name	PC26635\Sabine

Search Input

Number of spectra in search	72101
Number of input files	1

Search Method

Sample Type	Identification
Cysteine Alkylation	Iodoacetamide
Digestion	Trypsin
Special Factors	
Instrument	TripleTOF 5600
Species	
Search Effort	Thorough
ID Focus	Biological modifications; Amino acid substitutions
FDR Analysis	Yes
Quantitation	
Background Correction	No
Bias Correction	Yes
Channel to use as denominator in ratios	
Modified Data Dictionary or Parameter Translation	Yes

Database Searched

Database filename	C:\AB SCIEX\ProteinPilot Data\SearchDatabases\2n2SET14_2rd_DBs.fasta
Number of Proteins in Database	15438
Number of proteins searched	30876

Hardware and Software Environment

RAM (MB)	65458
Computer name	PC26635
Number of cores in computer	10
Number of threads (double cores if hyperthreading on)	20
Number of cores licensed to use	8
Operating system	Windows 7 Professional Service Pack 1 (6.1.7601)
ProteinPilot Software Version	5.0.1.0, 4895
Paragon Algorithm Version	5.0.1.0, 4874

Identification Yield
at FDR Threshold

Corresponding Confidence in
ProteinPilot™ Software

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Summary of Identification Yields

Data Level	FDR Type	FDR	ID Yield
Protein	Local	1%	0
		5%	0
		10%	0
	Global	1%	161
		5%	161
		10%	161
Distinct peptide	Local	1%	680
		5%	680
		10%	680
	Global	1%	1160
		5%	1160
		10%	1160
Spectral	Local	1%	390
		5%	624
		10%	797
	Global	1%	601
		5%	1007
		10%	1278
Protein	Local	1%	
		5%	
		10%	
	Global	1%	10.9%
		5%	10.9%
		10%	10.9%
Distinct peptide	Local	1%	12.4%
		5%	12.4%
		10%	12.4%
	Global	1%	0.1%
		5%	0.1%
		10%	0.1%
Spectral	Local	1%	99.9%
		5%	94.0%
		10%	81.1%
	Global	1%	95.4%
		5%	61.8%
		10%	34.5%

Identification Yield
at FDR Threshold

Corresponding Confidence in
ProteinPilot™ Software

Search Properties

General	
Group filename	8jSET18(1).group
Start date	09-09-21
Start time	16:03:14
User name	Bioprofil4\UMons
Search Input	
Number of spectra in search	88177
Number of input files	1
Search Method	
Sample Type	Identification
Cysteine Alkylation	Iodoacetamide
Digestion	Trypsin
Special Factors	
Instrument	TripleTOF 5600
Species	
Search Effort	Thorough
ID Focus	Biological modifications; Amino acid substitutions
FDR Analysis	No
Quantitation	
Background Correction	No
Bias Correction	No
Channel to use as denominator in ratios	
Modified Data Dictionary or Parameter Translation	No
Database Searched	
Database filename	C:\AB SCIEX\ProteinPilot Data\SearchDatabases\08_Second_round_DB.fasta
Number of Proteins in Database	20038
Number of proteins searched	20038
Hardware and Software Environment	
RAM (MB)	98225
Computer name	BIOPROFIL4
Number of cores in computer	16
Number of threads (double cores if hyperthreading on)	32
Number of cores licensed to use	16
Operating system	Windows 7 Professional Service Pack 1 (6.1.7601)
ProteinPilot Software Version	5.0.1.0, 4895
Paragon Algorithm Version	5.0.1.0, 4874

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Identification Yield
at FDR Threshold

Corresponding Confidence in
ProteinPilot™ Software

Summary of Identification Yields			
Data Level	FDR Type	FDR	ID Yield
Protein	Local	1%	0
		5%	0
		10%	0
	Global	1%	182
		5%	182
		10%	182
Distinct peptide	Local	1%	670
		5%	670
		10%	670
	Global	1%	1219
		5%	1219
		10%	1219
Spectral	Local	1%	1142
		5%	1662
		10%	1874
	Global	1%	1619
		5%	2275
		10%	2603
Protein	Local	1%	
		5%	
		10%	
	Global	1%	10.9%
		5%	10.9%
		10%	10.9%
Distinct peptide	Local	1%	21.1%
		5%	21.1%
		10%	21.1%
	Global	1%	0.1%
		5%	0.1%
		10%	0.1%
Spectral	Local	1%	99.7%
		5%	85.9%
		10%	70.2%
	Global	1%	89.3%
		5%	35.3%
		10%	18.0%

Search Properties

General	
Group filename	8nSET19.group
Start date	09-09-21
Start time	16:03:42
User name	Bioprofil4\UMons
Search Input	
Number of spectra in search	87643
Number of input files	1
Search Method	
Sample Type	Identification
Cysteine Alkylation	Iodoacetamide
Digestion	Trypsin
Special Factors	
Instrument	TripleTOF 5600
Species	
Search Effort	Thorough
ID Focus	Biological modifications; Amino acid substitutions
FDR Analysis	No
Quantitation	
Background Correction	No
Bias Correction	No
Channel to use as denominator in ratios	
Modified Data Dictionary or Parameter Translation	No
Database Searched	
Database filename	C:\AB SCIEX\ProteinPilot Data\SearchDatabases\08_Second_round_DB.fasta
Number of Proteins in Database	20038
Number of proteins searched	20038
Hardware and Software Environment	
RAM (MB)	98225
Computer name	BIOPROFIL4
Number of cores in computer	16
Number of threads (double cores if hyperthreading on)	32
Number of cores licensed to use	16
Operating system	Windows 7 Professional Service Pack 1 (6.1.7601)
ProteinPilot Software Version	5.0.1.0, 4895
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Summary of Identification Yields

Identification Yield
at FDR Threshold

Corresponding Confidence in
ProteinPilot™ Software

Data Level	FDR Type	FDR	ID Yield
Protein	Local	1%	0
		5%	0
		10%	0
	Global	1%	197
		5%	197
		10%	197
Distinct peptide	Local	1%	1455
		5%	1455
		10%	1455
	Global	1%	1681
		5%	1681
		10%	1681
Spectral	Local	1%	1580
		5%	2197
		10%	2476
	Global	1%	2262
		5%	3049
		10%	3488
Protein	Local	1%	
		5%	
		10%	
	Global	1%	10.9%
		5%	10.9%
		10%	10.9%
Distinct peptide	Local	1%	4.0%
		5%	4.0%
		10%	4.0%
	Global	1%	0.1%
		5%	0.1%
		10%	0.1%
Spectral	Local	1%	99.4%
		5%	86.1%
		10%	72.6%
	Global	1%	84.6%
		5%	37.6%
		10%	16.5%

Search Properties

General

Group filename	8j2SET110.group
Start date	09-09-21
Start time	16:03:28
User name	Bioprofil4\UMons

Search Input

Number of spectra in search	86844
Number of input files	1

Search Method

Sample Type	Identification
Cysteine Alkylation	Iodoacetamide
Digestion	Trypsin
Special Factors	
Instrument	TripleTOF 5600
Species	
Search Effort	Thorough
ID Focus	Biological modifications; Amino acid substitutions
FDR Analysis	No
Quantitation	
Background Correction	No
Bias Correction	No
Channel to use as denominator in ratios	
Modified Data Dictionary or Parameter Translation	No

Database Searched

Database filename	C:\AB SCIEX\ProteinPilot Data\SearchDatabases\08_Second_round_DB.fasta
Number of Proteins in Database	20038
Number of proteins searched	20038

Hardware and Software Environment

RAM (MB)	98225
Computer name	BIOPROFIL4
Number of cores in computer	16
Number of threads (double cores if hyperthreading on)	32
Number of cores licensed to use	16
Operating system	Windows 7 Professional Service Pack 1 (6.1.7601)
ProteinPilot Software Version	5.0.1.0, 4895
Paragon Algorithm Version	5.0.1.0, 4874

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Summary of Identification Yields

Identification Yield
at FDR Threshold

Data Level	FDR Type	FDR	ID Yield
Protein	Local	1%	190
		5%	190
		10%	192
	Global	1%	225
		5%	235
		10%	235
Distinct peptide	Local	1%	639
		5%	639
		10%	639
	Global	1%	1858
		5%	1858
		10%	1858
Spectral	Local	1%	1977
		5%	2693
		10%	3016
	Global	1%	2813
		5%	3705
		10%	4255

Corresponding Confidence in
ProteinPilot™ Software

Protein	Local	1%	59.3%
		5%	59.3%
		10%	53.2%
	Global	1%	14.9%
		5%	10.9%
		10%	10.9%
Distinct peptide	Local	1%	86.8%
		5%	86.8%
		10%	86.8%
	Global	1%	0.1%
		5%	0.1%
		10%	0.1%
Spectral	Local	1%	99.2%
		5%	88.8%
		10%	74.1%
	Global	1%	82.9%
		5%	32.2%
		10%	16.9%

Search Properties

General

Group filename	8n2SET111.group
Start date	09-09-21
Start time	16:03:57
User name	Bioprofil4\UMons

Search Input

Number of spectra in search	86537
Number of input files	1

Search Method

Sample Type	Identification
Cysteine Alkylation	Iodoacetamide
Digestion	Trypsin
Special Factors	
Instrument	TripleTOF 5600
Species	
Search Effort	Thorough
ID Focus	Biological modifications; Amino acid substitutions
FDR Analysis	No
Quantitation	
Background Correction	No
Bias Correction	No
Channel to use as denominator in ratios	
Modified Data Dictionary or Parameter Translation	No

Database Searched

Database filename	C:\AB SCIEX\ProteinPilot Data\SearchDatabases\08_Second_round_DB.fasta
Number of Proteins in Database	20038
Number of proteins searched	20038

Hardware and Software Environment

RAM (MB)	98225
Computer name	BIOPROFIL4
Number of cores in computer	16
Number of threads (double cores if hyperthreading on)	32
Number of cores licensed to use	16
Operating system	Windows 7 Professional Service Pack 1 (6.1.7601)
ProteinPilot Software Version	5.0.1.0, 4895
Paragon Algorithm Version	5.0.1.0, 4874