

EXPERIMENT short labelCandida albicans total protein extract, 2 TripleTOF runs, 2 and 4 ug

Protocol

view protocol description

Organism

Candida albicans (strain SC5314 / ATCC MYA-2876)

Contact

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Date

10-2011

.mzid File

C_albicans_total_protein_extract_TripleTOF.mzid

Spectrum Identification

Protein Detection

SPECTRUM IDENTIFICATION

Spectrum Identification: SI_Y1 - Spectrum Identification List: SIL_Y1

Spectrum Identification Results

Spectrum Result ID	Spectrum Name	Spectrum ID
SIR_59_SIL_Candida2ug	Candida2ug.20727.2	index=1426
SIR_60_SIL_Candida2ug	Candida2ug.20747.2	index=1428
...

Spectrum Identification Items

SII ID	calc m/z	exp m/z	rank	charge	pass thrshld
SIL_Candida_2ug_SII_60_1	617.3108	617.3113	1	2	true

Peptide Evidence(s)

start	end	pre	post	is_decoy	DB sequence
164	174	G	A	false	orf19.1779

VDCDQVSAVLK

UNIMOD:4 [Carbamidomethyl] C 3 - avg mass delta: 57.0215

SPECTRUM IDENTIFICATION ITEM

*MS/MS spectrum is shown if <Fragmentation> element is present in the mzid file

Spectrum Identification Item PSI-MS CV Parameters

MS:1001331	xtandem:hyperscore	322
MS:1001330	xtandem:expect	0.024

Spectrum Identification Item User Parameters

peptide_prophet_probability	0.99962
interprophet_probability	0.994339

PROTEIN DETECTION

ProteinDetection ID	PD_1_Mzid_14
Protein Detection List	PDL_1
Protein Detection Protocol ID	PDP_1
Analysis Software	X!Tandem
> User Params	

Protein Ambiguity Groups

Protein Group ID	Accession(s) / Id(s)	Gene Name(s)
PAG_51	orf19.1770	CYC1
PAG_52	orf19.1779	MP65
...

Protein Detection Hypothesis/Hypotheses

PDH ID	Protein Description	pass thrshld	name	CGD ID
PDH_52_1	MP65 CGDID:CAL0000936... Verified ORF; Cell surface mannoprotein;	true	orf19.1779	

Protein Detection Hypothesis PSI-MS CV Parameters

MS:1001093	xtandem:hyperscore	322
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Protein Detection Hypothesis User Parameters

n_indist_proteins	1
probability	1000
...	...

orf19.1779

MLFKSFVFTVLANALAAPLAHQHHQHKKEEKRAVHVVTITNNVVVTIINGNDQTTTFAAPSVAEASSVSVSVNTEPPQNHPPTTTQDVASAST
YPSSTDGSAASSSAAASSSSQAGSEPSGGVSGGAGK ITYSPYSDNGGCKSESQIASIEIAQLSGFDVIR LYG VDCDQVSAVLK
AKTSSQKIFAGIFDVSMIASGIESLAEAVEACGSWDDIITYVSIGNELVNAGSATPSQIKAYVDEGRKALKAAGYTPVVSVDTF,...

Peptide Spectrum Matches

Peptide Sequence	Spectrum Identification Item(s)	PSM count
ITYSPYSDNGGCK	SIL_Candida4ug_SII_2757_1	1
VDCDQVSAVLK	SIL_Candida2ug_SII_60_1	1
ESQIASIEIAQLSGFDVIR	SIL_Candida4ug_SII_4141_1	1