Protein Report

Project Info

Name: UGR_Microbiologia_M.Manzanera **Date:** April 15, 2014

Sample Info & Protocols

Date: April 15, 2014

Name: 140409C

Search Result Info

Search Result	Location	Search Engine	Database	Ident. Compounds
LIFT_NCBI_Viridiplantae_Mascot_2014-04-23 11:34:36	/UGR_Microbiologia_M.Manzanera/140409C/140409/geles ZT/5/CombinedLIFT	Mascot, 2.4.0	NCBInr, NCBInr_20140305.fasta	1/5 (FDR:0.00%)

Protein 1: polyphenol oxidase [Solanum tuberosum]

Accession: gi|1146424 **Score:** 45.97

Database: NCBInr **MW [kDa]:** 66.80

Seq. Coverage [%]: 2.50 % **pI:** 6.63

No. of Peptides: 1

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        10         20         30         40         50         60         70         80         90        100        110        120
MASLCNSSST SLKTPFTSSS TSLSSTPKPS QLFIHGKRNQ MFKVSCKVTN NNGDQNQNVE TNSVDRRNVL LGLGGLYGVA NAIPLAASAA PAPPPDLSSC SIARINENQV VPYSCCAPKP

       130        140        150        160        170        180        190        200        210        220        230        240
DDMEKVPYYK FPSMTKLRVR QPAHEANEEY IAKYNLAISR MKDLDKTQPL NPIGFKQQAN IHCAYCNGAY RIGGKELQVH NSWLFFPFHR WYLYFHERIV GKFIDDPTFA LPYWNWDHPK

       250        260        270        280        290        300        310        320        330        340        350        360
GMRFPAMYDR EGTSLFDVTR DQSHRNGAVI DLGFFGNEVE TTQLQLMSNN LTLMYRQMVT NAPCPRMFFG GPYDLGVNTE LPGTIENIPH GPVHIWSGTV RGSTLPNGAI SNGENMGHFY

       370        380        390        400        410        420        430        440        450        460        470        480
SAGLDPVFFC HHSNVDRMWS EWKATGGKRT DITHKDWLNS EFFFYDENEN PYRVKVRDCL DTKKMGYDYK PIATPWRNFK PLTKASAGKV NTASLPPASN VFPLAKLDKA ISFSINRPTS

       490        500        510        520        530        540        550        560        570        580        590        600
SRTQQEKNAQ EEMLTFSSIR YDNRGYIRFD VFSNVDNNVN ANELDKAEFA GSYTSLPHVH RAGETNHIAT VDFQLAITEL LEDIGLEDED TIAVTLVPKR GGEGISIEGA TISLADC
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Cmpd.	No. of Cmpds.	m/z meas.	Δ m/z [ppm]	z	Rt [min]	Score	Site [%]	P	Range	Sequence	Modification	Type
	1	1671.8087	-9.02	1		45.97		0	527-541	K.AEFAGSYTSLPHVHR.A		CID