

Supplementary Table S1:

Bionformatic analysis of the N-linked glycoproteins identified in the wine.

Protein name	Accession number	^a Glycosylation site localization	^b BlastP protein [E-value]	^c Allergen SDAP similarities
class IV chitinase [Vitis pseudoreticulata]	gil164699029	X	-	Mus a 2.0101 [4.8e-18] Pers a 1 [1.3e-17]
vacuolar invertase 1, GIN1 [Vitis vinifera=grape berries, Sultana, berries, Peptide, 642 aa]	gil1839578		-	Lyc e 2.0102 [1.6e-180] Lyc e 2.0101 [4.5e-155]
putative thaumatin-like protein [Vitis vinifera]	gil7406714	X	-	Mus a 4.0101 [7e-65] Act c 2 [5.3e-62]
class IV endochitinase [Vitis vinifera]	gil2306813	X	-	Mus a 2.0101 [1.8e-17] Hev b 11.0101 [3.1e-17]
hypothetical protein [Vitis vinifera]	gil147784619		Putative uncharacterized protein [3e-69] A5AUB3	Sal k 1.0301 [4e-03] Sal k 1.0302 [4e-03]
hypothetical protein [Vitis vinifera]	gil147834849	X	Non-specific lipid-transfer protein[1e-65] A7QVC2	Hev b 12 [8.9e-03]
unnamed protein product [Vitis vinifera]	gil157357223		Chromosome undetermined scaffold_165, whole genome shotgun sequence [0] A7QT18	Sal k 2.0101 [1.7e-24]

PREDICTED: hypothetical protein [<i>Vitis vinifera</i>]	gil225441373	X	Beta-1,3-glucanase [1e-150] B2ZP01	Hev b 2 [8.6e-54] Ole e 9 [2.0e-29]
PREDICTED: hypothetical protein [<i>Vitis vinifera</i>]	gil225445553	X	Dycianin [2e-76] Q9M510	Amb a 3 [9.8e-07] Der f 15 [1.4e-03]
PREDICTED: hypothetical protein [<i>Vitis vinifera</i>]	gil225447326	X	Peroxidase a [3e-133] PODa	-
PREDICTED: hypothetical protein [<i>Vitis vinifera</i>]	gil225454402	X	Class III chitinase [1 e-68] ChiFIII	Ziz m 1.0101 [7.9e-36] Tyr p 13 [7.2e-03]
PREDICTED: hypothetical protein [<i>Vitis vinifera</i>]	gil225459538		Peptidoglycan-binding LysM domain- containing related protein [1e-180] B2ZAQ1	-
PREDICTED: hypothetical protein [<i>Vitis vinifera</i>]	gil225426795	X	Osmotin-like protein [1e-133] OSM1	Act c 2 [4.9e-68] Mus a 4.0101 [4.8e-67]

^a Glycosylation site localized within the PFAM domain (X).

^b BLASTP (protein-protein blast <http://blast.ncbi.nlm.nih.gov/>) search to identify protein sequences homolog to the hypothetical *Vitis vinifera* N-linked glycoproteins.

^c SDAP database (<http://fermi.utmb.edu/SDAP/>) to identify any allergen similar to the N-linked glycoproteins identified presenting a sequence homology with an E score less than 0,01.