

Table 2. Yeast mutations conferring increased resistance to pyocyanin

Disrupted cellular pathways	Yeast genes	Human orthologs [*]	% Identity/ % similarity ⁺	Gene functions
Electron transport, and oxidative stress	CAT5	COQ7	45/59	Ubiquinone biosynthesis protein
	CBP6	Unknown	Unknown	Cytochrome <i>b</i> biosynthesis
	TPS1	CAB42260	40/62	Trehalose-6-phosphate synthase
	RSM18	MRP-S18-1	44/65	Mitochondrial ribosomal protein S18-1
	MRPL17	C15orf4	30/44	Mitochondrial precursor of the 60S ribosomal protein L30
	YNL177C	MRPL22	25/45	Mitochondrial ribosomal protein L22
	RSM27	Unknown	Unknown	Mitochondrial ribosome small subunit component, Rsm27p
	PET130	Unknown	Unknown	Nuclear encoded mitochondrial protein
Epidermal cell growth	YGR101W	PARL	32/49	Presenilins associated rhomboid-like serine protease
Unknown	LPF5	Unknown	Unknown	Unknown
	YGR150C	Unknown	Unknown	Unknown
	YNL184C	Unknown	Unknown	Unknown
	YNL213C	Unknown	Unknown	Unknown

^{*}Similarities are to proteins or hypothetical proteins from human.

⁺At the amino acid level over the entire ORF.