

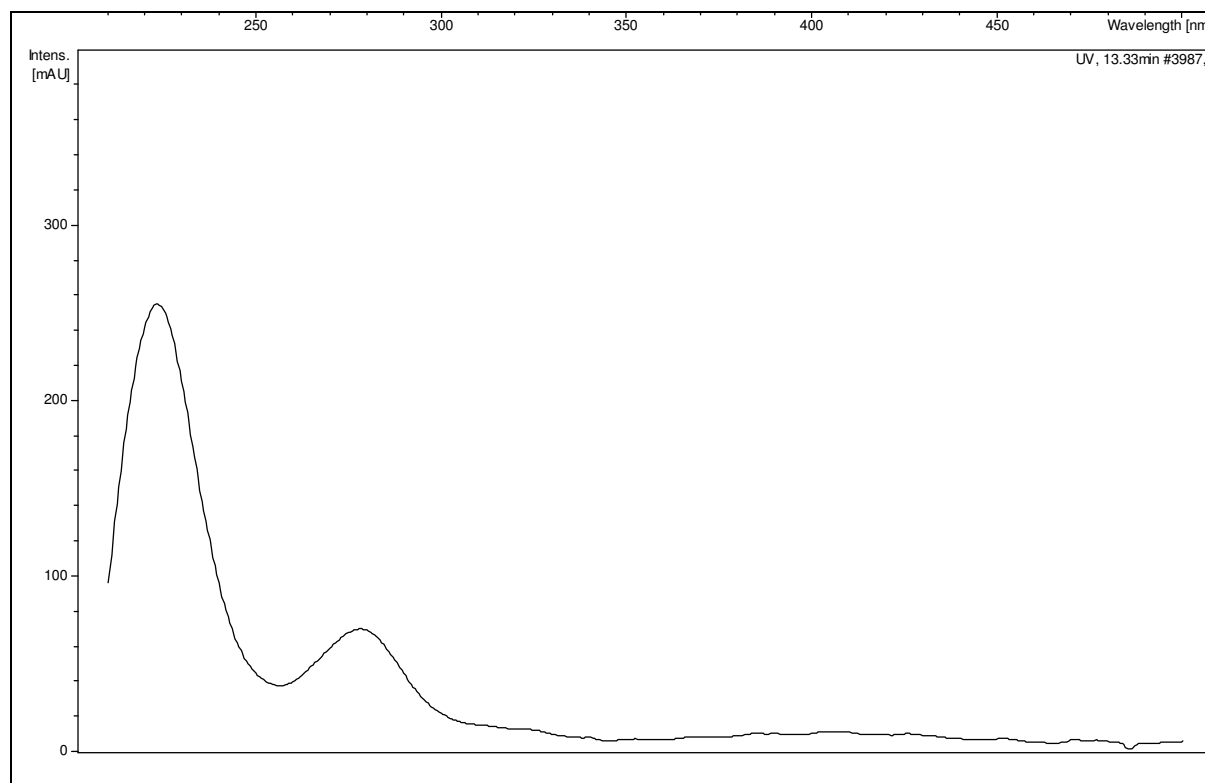
Supplemental data:
Oligonucleotides used in the study

Name	Sequence (5' to 3')	Purpose
Mut1Fwd	TTCAACAGAAGCTATTTCCAAA	HindIII removal
Mut1Rev	TTTGGAATAGCTTCTGTTGAA	HindIII removal
PKS12Fwd	TGTAAGCTTATGGAGGTATTCGTTTTTGG	HindIII site add
PKS12Rev	TATCCGCGGCTAATTGTCCAAGGCCCG	SacII site add
PKS12-Exon1-F	GGGTTTAAUATGGAGGTATTCGTTTTT	USER Fusion
PKS12-Exon1-R	AAAGTGAAUGAAACTGCAAAGATGGTA	USER Fusion
PKS12-Exon2-F	ATTCACCTTUTACGATGGACAAGGTCGT	USER Fusion
PKS12-Exon2-R	AGTCCCATUTCAATGATGAATGAGTCAAGTCG	USER Fusion
PKS12-Exon3-F	AATGGGACUTGCTCGATCGTCAGTTCC	USER Fusion
PKS12-Exon3-R	ACCAGGAAUAAAATAAGTGTGACATTCTGC	USER Fusion
PKS12-Exon4-F	ATTCCTGGUGGCAACAGAGCGTTCCT	USER Fusion
PKS12-Exon4-R	AGTTGCCGGUTCTTGATAGGAAGTGGCCTCG	USER Fusion
PKS12-Exon5-F	ACCGGCAACUGCAACACCTTTGACGATG	USER Fusion
PKS12-Exon5-R	AATGTTAUGTCTCCATAAACACCAACC	USER Fusion
PKS12-Exon6-F	ATAACATUCCAAGGTTTGCCGCGACG	USER Fusion
PKS12-Exon6-R	GGTCTTAAUCTAATTGTCCAAGGCCCGAGC	USER Fusion

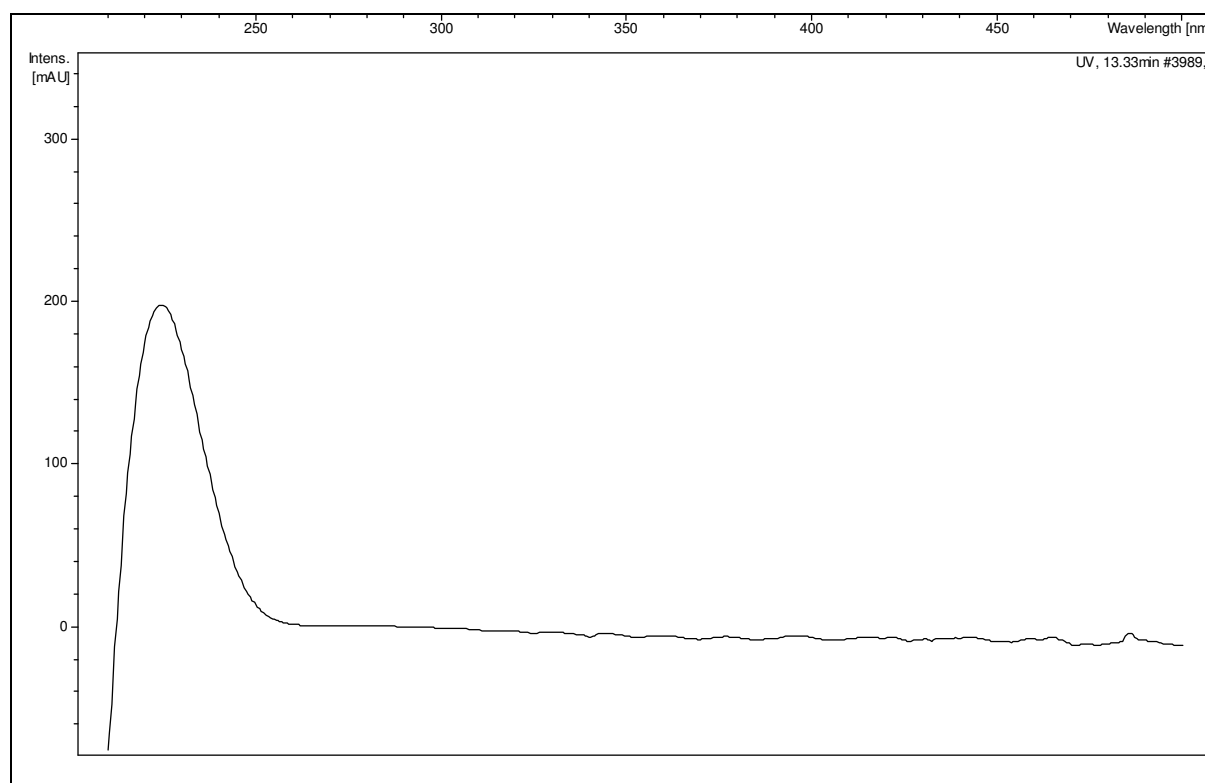
UV spectra

UV spectrum for rubrofusarin obtained from growth medium of *S. cerevisiae*

PKS12/npgA/aurZ/aurJ. RT = 13.33 min

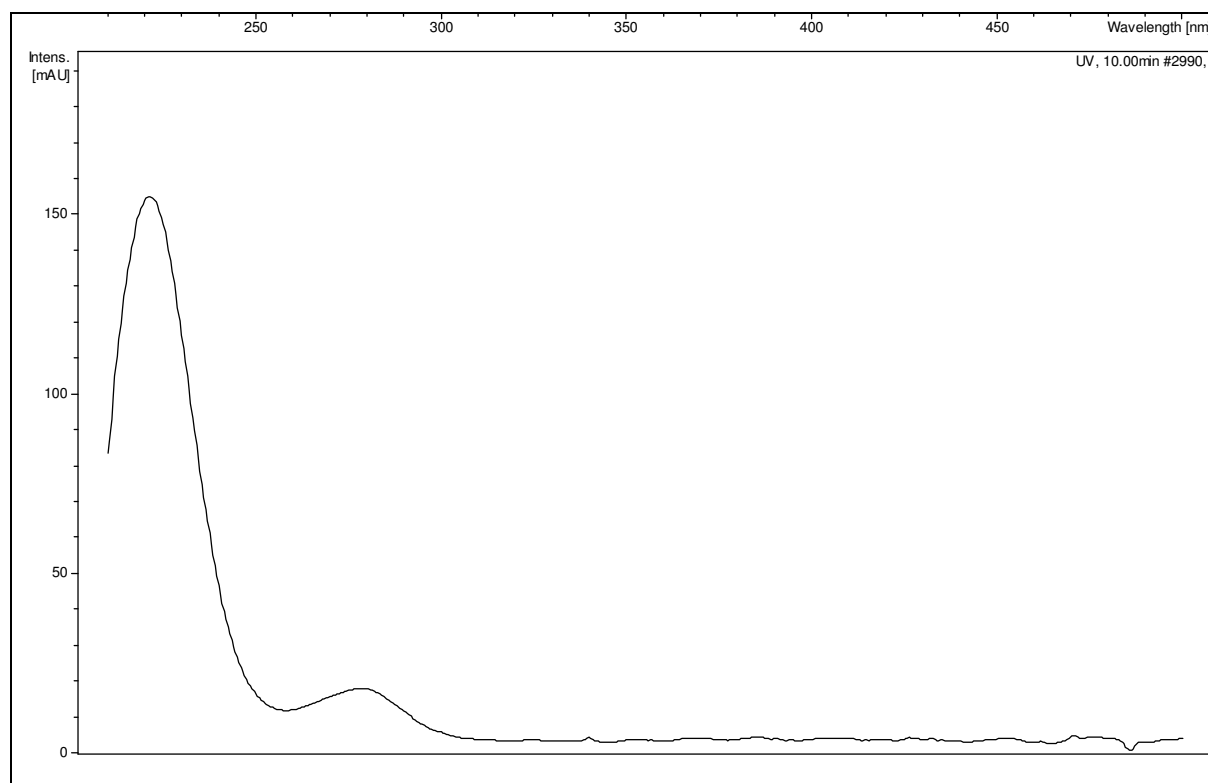


UV spectrum obtained from growth medium of the control *S. cerevisiae*. RT = 13.33 min.

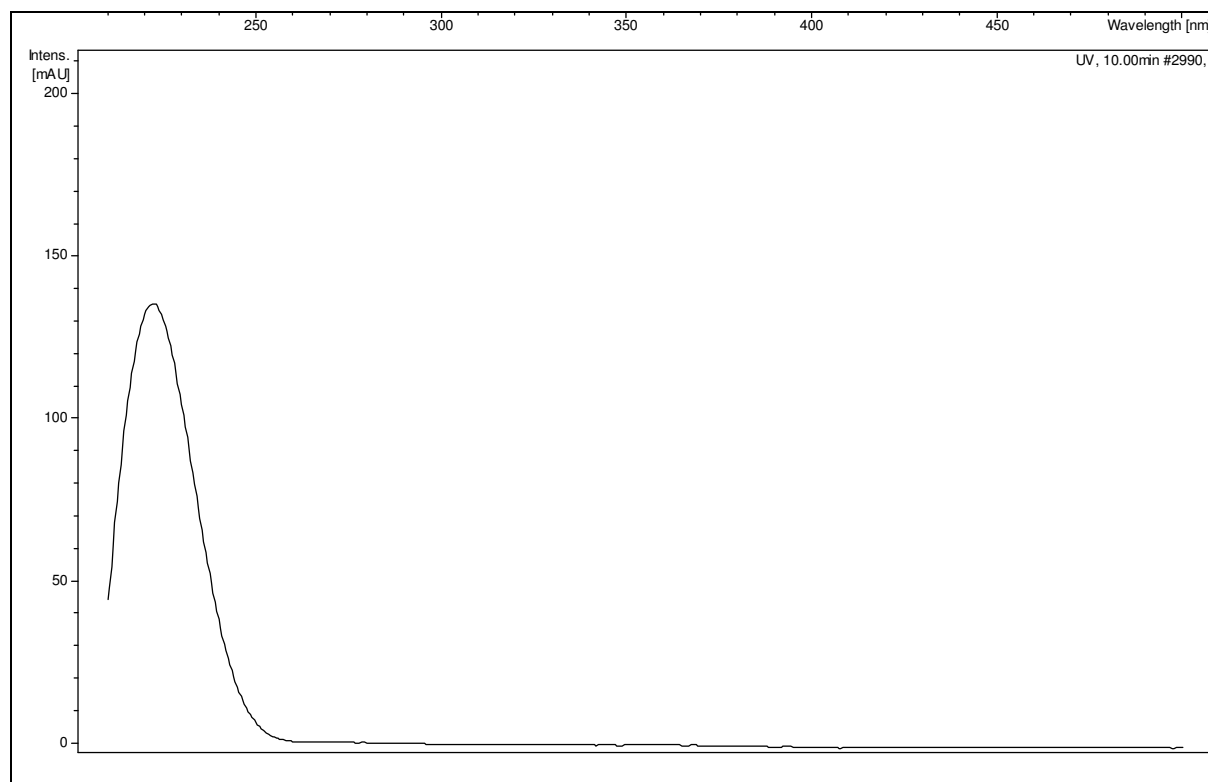


UV spectrum for nor-rubrofusarin obtained from cell pellet of *S. cerevisiae*

PKS12/npgA/aurZ. RT = 10.00 min

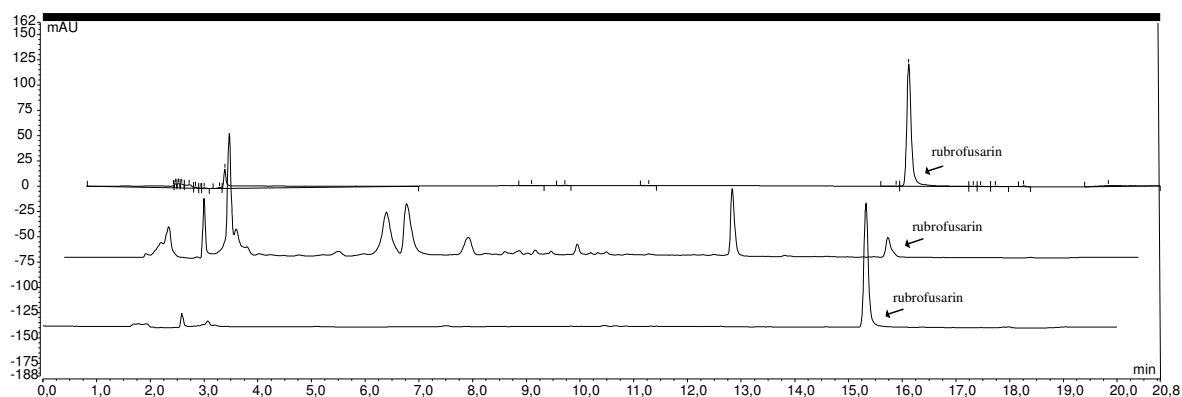


UV spectrum obtained from cell pellet of the control *S. cerevisiae*. RT = 10.00 min.

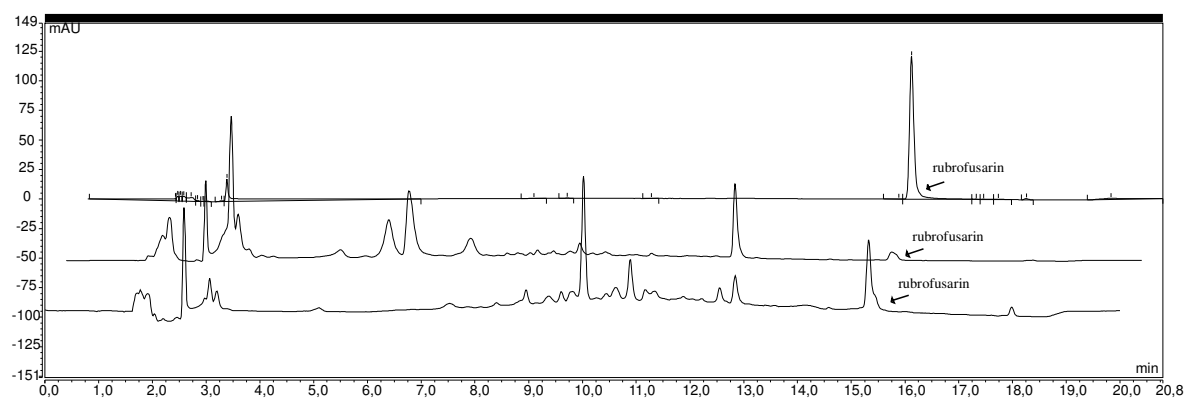


HPLC chromatograms

Chromatogram at 279 nm, obtained for a rubrofusarin standard and the *S. cerevisiae* strain *PKS12/npgA/aurZ/aurJ* extracted from growth medium and cell pellet, respectively (from top down). Rubrofusarin was eluted at RT = 15.3 min.



Chromatogram at 279 nm, obtained for a rubrofusarin standard, and the *S. cerevisiae* strain *PKS12/npgA/aurJ* extracted from growth medium and cell pellet, respectively (from top down). Rubrofusarin was eluted at RT = 15.3 min.



Standard curve with linear regression calculated for the relation between rubrofusarin concentration (mg/L) and the rubrofusarin peak area

