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New [Enhancer-Gene Map](#) [PANTHER16.0 Released.](#)

Analysis Summary: Please report in publication 

**Analysis Type:** PANTHER Enrichment Test (Released 20200728)

**Annotation Version and Release Date:** GO Ontology database DOI: 10.5281/zenodo.4437524 Released 2021-01-01

**Analyzed List:** yorf-lfcm-in-all.txt (Saccharomyces cerevisiae) [Change](#)

**Annotation Data Set:**   

**Correction:** ☒ Calculate False Discovery Rate ☐ Use the Bonferroni correction for multiple testing  ☐ No correction

## Results

### Analysis details:

Mapped IDs: [4678](#) out of 4682

Unmapped IDs: [1182](#)

Multiple mapping information: [182](#)

[Graph selected categories](#) [Export](#) [Table](#) [XML with user input ids](#) [JSON with user input ids](#)

Displaying only results with  $P < 0.05$ ; [click here to display all results](#) ( [Hierarchy](#) **NEW!** )

[GO biological process complete](#)

☐ [mRNA polyadenylation \(GO:0006378\)](#)

☐ [L<sup>1</sup>RNA polyadenylation \(GO:0043631\)](#)

<input type="checkbox"/>	<a href="#">↳RNA metabolic process (GO:0016070)</a>
<input type="checkbox"/>	<a href="#">↳nucleic acid metabolic process (GO:0090304)</a>
<input type="checkbox"/>	<a href="#">↳nucleobase-containing compound metabolic process (GO:0006139)</a>
<input type="checkbox"/>	<a href="#">↳heterocycle metabolic process (GO:0046483)</a>
<input type="checkbox"/>	<a href="#">↳cellular metabolic process (GO:0044237)</a>
<input type="checkbox"/>	<a href="#">↳metabolic process (GO:0008152)</a>
<input type="checkbox"/>	<a href="#">↳primary metabolic process (GO:0044238)</a>
<input type="checkbox"/>	<a href="#">↳cellular aromatic compound metabolic process (GO:0006725)</a>
<input type="checkbox"/>	<a href="#">↳cellular nitrogen compound metabolic process (GO:0034641)</a>
<input type="checkbox"/>	<a href="#">↳nitrogen compound metabolic process (GO:0006807)</a>
<input type="checkbox"/>	<a href="#">↳organic cyclic compound metabolic process (GO:1901360)</a>
<input type="checkbox"/>	<a href="#">↳organic substance metabolic process (GO:0071704)</a>
<input type="checkbox"/>	<a href="#">↳macromolecule metabolic process (GO:0043170)</a>
<input type="checkbox"/>	<a href="#">↳mRNA 3'-end processing (GO:0031124)</a>
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<input type="checkbox"/>	<a href="#">↳RNA processing (GO:0006396)</a>
<input type="checkbox"/>	<a href="#">↳gene expression (GO:0010467)</a>
<input type="checkbox"/>	<a href="#">↳mRNA metabolic process (GO:0016071)</a>
<input type="checkbox"/>	<a href="#">↳RNA 3'-end processing (GO:0031123)</a>
<input type="checkbox"/>	<a href="#">endonucleolytic cleavage in ITS1 to separate SSU-rRNA from 5.8S rRNA and LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA) (GO:0000462)</a>
<input type="checkbox"/>	<a href="#">↳maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA) (GO:0000462)</a>
<input type="checkbox"/>	<a href="#">↳maturation of SSU-rRNA (GO:0030490)</a>
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<input type="checkbox"/>	<a href="#">↳ribonucleoprotein complex biogenesis (GO:0022613)</a>

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<input type="checkbox"/>	<a href="#">↳cellular component organization or biogenesis (GO:0071840)</a>
<input type="checkbox"/>	<a href="#">↳ribosome biogenesis (GO:0042254)</a>
<input type="checkbox"/>	<a href="#">↳rRNA processing (GO:0006364)</a>
<input type="checkbox"/>	<a href="#">↳ncRNA processing (GO:0034470)</a>
<input type="checkbox"/>	<a href="#">↳ncRNA metabolic process (GO:0034660)</a>
<input type="checkbox"/>	<a href="#">↳rRNA metabolic process (GO:0016072)</a>
<input type="checkbox"/>	<a href="#">↳endonucleolytic cleavage of tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA) (GO:0000479)</a>
<input type="checkbox"/>	<a href="#">↳endonucleolytic cleavage involved in rRNA processing (GO:0000478)</a>
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<input type="checkbox"/>	<a href="#">↳nucleic acid phosphodiester bond hydrolysis (GO:0090305)</a>
<input type="checkbox"/>	<a href="#">↳RNA phosphodiester bond hydrolysis, endonucleolytic (GO:0090502)</a>
<input type="checkbox"/>	<a href="#">↳maturation of 5.8S rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA) (GO:0000466)</a>
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<input type="checkbox"/>	<a href="#">pre-mRNA cleavage required for polyadenylation (GO:0098789)</a>
<input type="checkbox"/>	<a href="#">↳mRNA cleavage involved in mRNA processing (GO:0098787)</a>
<input type="checkbox"/>	<a href="#">↳mRNA cleavage (GO:0006379)</a>
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<input type="checkbox"/>	<a href="#">↳rRNA 5'-end processing (GO:0000967)</a>
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<input type="checkbox"/>	<a href="#">cellular protein metabolic process (GO:0044267)</a>
<input type="checkbox"/>	<a href="#">protein metabolic process (GO:0019538)</a>
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<input type="checkbox"/>	<a href="#">cellular component disassembly (GO:0022411)</a>
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<input type="checkbox"/>	<a href="#">vacuolar acidification (GO:0007035)</a>
<input type="checkbox"/>	<a href="#">intracellular pH reduction (GO:0051452)</a>
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<input type="checkbox"/>	↳ <a href="#">protein localization (GO:0008104)</a>
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<input type="checkbox"/>	↳ <a href="#">peptide transport (GO:0015833)</a>
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<input type="checkbox"/>	↳ <a href="#">nuclear transport (GO:0051169)</a>
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<input type="checkbox"/>	<a href="#">negative regulation of sister chromatid segregation (GO:0033046)</a>

<input type="checkbox"/>	<a href="#">formation of cytoplasmic translation initiation complex (GO:0001732)</a>
<input type="checkbox"/>	<a href="#">↳cytoplasmic translation (GO:0002181)</a>
<input type="checkbox"/>	<a href="#">↳translational initiation (GO:0006413)</a>
<input type="checkbox"/>	<a href="#">carbohydrate metabolic process (GO:0005975)</a>
<input type="checkbox"/>	<a href="#">response to toxic substance (GO:0009636)</a>
<input type="checkbox"/>	<a href="#">↳response to chemical (GO:0042221)</a>
<input type="checkbox"/>	<a href="#">cellular response to oxidative stress (GO:0034599)</a>
<input type="checkbox"/>	<a href="#">↳cellular response to chemical stress (GO:0062197)</a>
<input type="checkbox"/>	<a href="#">tRNA transcription by RNA polymerase III (GO:0042797)</a>
<input type="checkbox"/>	<a href="#">↳tRNA transcription (GO:0009304)</a>
<input type="checkbox"/>	<a href="#">↳ncRNA transcription (GO:0098781)</a>
<input type="checkbox"/>	<a href="#">termination of RNA polymerase III transcription (GO:0006386)</a>
<input type="checkbox"/>	<a href="#">↳DNA-templated transcription, termination (GO:0006353)</a>
<input type="checkbox"/>	<a href="#">iron-sulfur cluster assembly (GO:0016226)</a>
<input type="checkbox"/>	<a href="#">↳metallo-sulfur cluster assembly (GO:0031163)</a>
<input type="checkbox"/>	<a href="#">tRNA processing (GO:0008033)</a>
<input type="checkbox"/>	<a href="#">transcription, RNA-templated (GO:0001172)</a>
<input type="checkbox"/>	<a href="#">DNA unwinding involved in DNA replication (GO:0006268)</a>
<input type="checkbox"/>	<a href="#">spliceosomal snRNP assembly (GO:0000387)</a>
<input type="checkbox"/>	<a href="#">ribosomal large subunit assembly (GO:0000027)</a>
<input type="checkbox"/>	<a href="#">fungal-type cell wall organization (GO:0031505)</a>
<input type="checkbox"/>	<a href="#">↳cell wall organization (GO:0071555)</a>
<input type="checkbox"/>	<a href="#">↳external encapsulating structure organization (GO:0045229)</a>
<input type="checkbox"/>	<a href="#">cell adhesion (GO:0007155)</a>
<input type="checkbox"/>	<a href="#">↳biological adhesion (GO:0022610)</a>

<input type="checkbox"/>	<a href="#">tRNA gene clustering (GO:0070058)</a>
<input type="checkbox"/>	<a href="#">tRNA transport (GO:0051031)</a>
<input type="checkbox"/>	<a href="#">cell division (GO:0051301)</a>
<input type="checkbox"/>	<a href="#">poly(A)+ mRNA export from nucleus (GO:0016973)</a>
<input type="checkbox"/>	<a href="#">↳mRNA export from nucleus (GO:0006406)</a>
<input type="checkbox"/>	<a href="#">↳mRNA-containing ribonucleoprotein complex export from nucleus (GO:0071427)</a>
<input type="checkbox"/>	<a href="#">↳mRNA transport (GO:0051028)</a>
<input type="checkbox"/>	<a href="#">histidine biosynthetic process (GO:0000105)</a>
<input type="checkbox"/>	<a href="#">↳histidine metabolic process (GO:0006547)</a>
<input type="checkbox"/>	<a href="#">leucine metabolic process (GO:0006551)</a>
<input type="checkbox"/>	<a href="#">polyol transport (GO:0015791)</a>
<input type="checkbox"/>	<a href="#">protein import into mitochondrial matrix (GO:0030150)</a>
<input type="checkbox"/>	<a href="#">↳protein targeting to mitochondrion (GO:0006626)</a>

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