

Pichia kudriavzevii uncharacterized protein (C5L36_0A02730), partial mRNA

NCBI Reference Sequence: XM_029463287.1

[FASTA Graphics](#)

[Go to:](#)

LOCUS XM_029463287 1713 bp mRNA linear PLN 07-JUN-2019
DEFINITION Pichia kudriavzevii uncharacterized protein (C5L36_0A02730),
partial mRNA.
ACCESSION XM_029463287
VERSION XM_029463287.1
DBLINK BioProject: [PRJNA545694](#)
BioSample: [SAMN08558011](#)
KEYWORDS RefSeq.
SOURCE Pichia kudriavzevii (Candida krusei)
ORGANISM [Pichia kudriavzevii](#)
Eukaryota; Fungi; Dikarya; Ascomycota; Saccharomycotina;
Saccharomycetes; Saccharomycetales; Pichiaceae; Pichia.
REFERENCE 1 (bases 1 to 1713)
AUTHORS Douglass,A.P., Offei,B., Braun-Galleani,S., Coughlan,A.Y.,
Martos,A., Ortiz-Merino,R.A., Byrne,K.P. and Wolfe,K.H.
TITLE Population genomics shows no distinction between pathogenic Candida
krusei and environmental Pichia kudriavzevii: One species, four
names
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 1713)
CONSRM NCBI Genome Project
TITLE Direct Submission
JOURNAL Submitted (07-JUN-2019) National Center for Biotechnology
Information, NIH, Bethesda, MD 20894, USA
REFERENCE 3 (bases 1 to 1713)
AUTHORS Douglass,A.P., Offei,B., Braun-Galleani,S., Coughlan,A.Y.,
Martos,A., Ortiz-Merino,R.A., Byrne,K.P. and Wolfe,K.H.
TITLE Direct Submission
JOURNAL Submitted (15-JUN-2018) Conway Institute, University College
Dublin, Belfield, Dublin 4, Ireland
REMARK Annotation added by submitter
REFERENCE 4 (bases 1 to 1713)
AUTHORS Douglass,A.P., Offei,B., Braun-Galleani,S., Coughlan,A.Y.,
Martos,A., Ortiz-Merino,R.A., Byrne,K.P. and Wolfe,K.H.
TITLE Direct Submission
JOURNAL Submitted (11-APR-2018) Conway Institute, University College
Dublin, Belfield, Dublin 4, Ireland
COMMENT PROVISIONAL [REFSEQ](#): This record has not yet been subject to final
NCBI review. This record is derived from an annotated genomic
sequence (NC_042506).

COMPLETENESS: incomplete on both ends.

FEATURES Location/Qualifiers

source 1..1713

 /organism="Pichia kudriavzevii"

 /mol_type="mRNA"

 /strain="CBS573"

 /isolation_source="lab strain"

 /type_material="type material of Candida krusei"

 /db_xref="taxon:[4909](#)"

 /chromosome="1"

[gene](#) <1..>1713

 /locus_tag="C5L36_0A02730"

 /db_xref="GeneID:[40381380](#)"

[CDS](#) 1..1713

 /locus_tag="C5L36_0A02730"

 /inference="similar to AA sequence:RefSeq:NP_014771.3"

 /note="PKUD0A02730; similar to Saccharomyces cerevisiae YOR128C (ADE2); ancestral locus Anc_5.455"

 /codon_start=1

 /product="uncharacterized protein"

 /protein_id="[XP_029319147.1](#)"

 /db_xref="GeneID:[40381380](#)"

 /translation="MDSKTIGILGGGQLGRMIVEAANRLNIKTVILEKGESGPAKQIN
ANNEHIDGSFNNIDDIRKLADNCDILTIEIEHVDTDALKTIQRETGVKIYPSPETIEI
IKDKYRQKEHLVQHGVAVADSVSVESTETALQNVGLKFGFFPMLKSKTEAYDGRGNVY
VKDVSYIREALEVLHNRPLYAEKWAPFTKELAVMVVRNVDGEIFSYPVETIHKDNIC
HTVYAPARVNDTIQTKANLLAKKAVSTFPGAGIFGVEMFLLPDGELLINIAAPRPHNS
GHYTIDACVTSQFEAHIRAIISGLPMPKNFTCFSTPQTNAIMLNILGSDVPNGELELCR
RALETTASVYLYGKSTRPKRKMGHVNIVSGMSDCERKLAYIEGSGGLPITKSTENA
VSGTSKAPLVGVIMGSDSDLPVMSAGCNILKKFGVPFEVTIVSAHRTPQRMAYIAIEA
PRRGLRCIIAGAGGAHLPGMVAAMTLPVIGVPVKGSTLDGVDLSHIVQMPRGIPV
ATVAINNSTNAALLAVRILGVFDGKWISEMETYMNSMENEVLDKAEKLEKEGYEYYLA
TYKK"

ORIGIN

```
1 atggactcga aaactatcgg tatactgggt ggtggccaac ttggccgtat gattgtcgaa
61 gctgcaaaca ggctaaacat caagacggtc attttgaaa aaggtgaatc tggccagcc
121 aagcaaatca atgcaaaca tgaacacatt gatggttcat tcaataatat tgacgatatt
181 agaaagctag ctgacaactg tgatatctta actattgaaa ttgaacatgt tgataccgac
241 gcgttggaaga ctatacaaag agaaaccggc gttaagattt acccttctcc agagacaatc
301 gaaatcatta aggacaaata cagacagaaa gaacatttgg tgcaacatgg tgttgagtt
361 gcgactctg ttagcgttga aagcaccgag acagcattgc aaaatgttgg tttgaaat
421 ggtttcccat ttatgctgaa gtccaaaact gaagcatatg atggtagagg taactatgtt
481 gtaaaagatg tttcatatat tagagaagca ttagaagttt tgcacaatag acctttatat
541 gcagaaaaat gggcaccgtt tactaaggag ttggcagtca tgggtggtcag aaatgtggat
```

```

601 ggagaaattt tctcttatcc aaccgttgaa acgatccaca aggataatat ctgtcatact
661 gtttacgcac ctgcaagagt gaatgatact attcaaacaaggccaacct tttagctaaa
721 aaggcggttt ctacttttcc aggtgcaggc atttttggtg tagaaatggt tttattacct
781 gacggtgaac tgttaatcaa tgaaattgca ccaagacctc acaattctgg ccattatacg
841 attgatgctt gcgtcacttc tcagtttgaa gcacatatta gagctatttc tggattgcct
901 atgccccaaa attttacttg cttttctact ccccaaaca atgccattat gctcaatatt
961 ttagggctctg atgtgccaaa tggcgaaactt gaactttgta gaagagcact tgaaactaca
1021 agcgcttctg tctatcttta cgggaagtca actagaccaa agagaaaaat gggcatggtt
1081 aacattgttt cgggttctat gtctgattgt gaacgtaaac ttgcatacat tgagggctct
1141 ggtggccttc cgataacaaa atcaacagaa aatgcggttt caggcacctc taaagctcca
1201 ttagtggttg ttataatggg ttcagattcg gatttacctg tcatgtctgc tggttgtaat
1261 atottaaaga agtttggtgt tccgtttgaa gtcaccattg tgtcagcaca tagaaccca
1321 caaaggatgg ccaagtatgc gattgaggca ccgaggagag ggttaagatg tataattgcc
1381 ggtgctggcg gtgctgctca tttaccagg atggttgctg ctatgacacc cttacctgtt
1441 attggcgtcc ccgtcaaagg ctctacttta gatggtgttg attcgttaca ttcaattggt
1501 caaatgcaa gaggaattcc cgttgcaaca gttgctatta acaattctac caatgctgca
1561 ttgctagctg tcagaatcct gggagtttt gatgggaaat ggatcagtga aatggaaacg
1621 tacatgaatt ccatggaaaa tgaggtccta gataaggccg agaagctgga gaaagaagga
1681 tatgaggagt acctggctac gtataaaaaa taa

```

//