

Supplementary file 1. List of species used for phylome reconstruction and enrichment analysis results for genes specifically duplicated in *C. inconspicua*.

Table A. List of proteomes used for *C. inconspicua* phylome reconstruction, with species information, proteome version used, number of longest isoforms and number of all isoforms. * - species used as seed

Species	Proteome	Longest isoforms	Isoforms
<i>Candida orthopsilosis</i>	CANO9.1	5,676	5,676
<i>Candida metapsilosis</i>	273372.1	5,960	6,423
<i>Ashbya gossypii</i>	ASHGO.6	4,749	4,749
<i>Kuraishia capsulata</i>	317047.2	6,027	6,027
<i>Clavispora lusitaniae</i>	CLALS.1	5,937	5,937
<i>Lodderomyces elongisporus</i>	LODEL.2	5,782	5,782
<i>Blastobotrys adenivorans</i>	BLAAD.2	6,118	6,118
<i>Candida tenuis</i>	CANTE.1	5,527	5,527
<i>Pichia kudriavzevii</i>	ISSOR.4	5,088	5,088
<i>Pichia pastoris</i>	PICPA.2	5,072	5,072
<i>Pichia stipitis</i>	PICST.3	5,797	5,797
<i>Saccharomyces cerevisiae</i>	YEAST.9	5,825	5,825
<i>Yarrowia lipolytica</i>	YARLI.5	6,472	6,472
<i>Debaryomyces hansenii</i>	DEBHA.5	6,264	6,264
<i>Candida inconspicua</i> *	52247.1	5,079	5,079
<i>Candida albicans</i>	CANAL.6	5,139	5,139
<i>Candida glabrata</i>	CANGA.6	5,188	5,188
<i>Candida parapsilosis</i>	CANPA.2	5,784	5,784
<i>Candida tropicalis</i>	CANTR.1	6,230	6,230
<i>Candida dubliniensis</i>	CANDC.1	5,819	5,828
<i>Spathaspora passalidarum</i>	619300.1	5,973	5,973
<i>Ogataea parapolymorpha</i>	OGAPD.1	5,338	5,338

Table B. GO enrichment results for *C. inconspicua* duplicated proteins, with indication of GO term, function, *p*-value considering all *C. inconspicua* proteins and *p*-value when considering only proteins predicted in scaffolds >10kb.

Term category	GO term	Description	<i>p</i> -value all proteins	<i>p</i> -value >10kb proteins
molecular_function	GO:0015171	amino acid transmembrane transporter activity	2.28E-12	2.12E-13
molecular_function	GO:0016491	oxidoreductase activity	2.27E-04	6.02E-05
molecular_function	GO:0050662	coenzyme binding	6.82E-06	4.65E-05
molecular_function	GO:0004523	RNA-DNA hybrid ribonuclease activity	5.13E-04	-
cellular_component	GO:0016021	integral component of membrane	2.78E-08	1.98E-08
biological_process	GO:0046618	drug export	4.88E-07	8.65E-06
biological_process	GO:0055085	transmembrane transport	5.94E-06	7.84E-06
biological_process	GO:0015074	DNA integration	1.36E-10	-