

Table S3. *D. hansenii* proteins that change their isoelectric point value by at least 0.1 from Serine to Leucine tracked with AmiGO by Gene Ontology.

Protein	pI variation value	Genes	Homology	Function
XP_458926.2	0.1	DEHA2D10582g	Similar to protein P06787 from <i>S. cerevisiae</i> YBR109c CMD1	Regulates Ca ⁺⁺ independent processes (mitosis, bud growth, actin organization, endocytosis) and dependent processes (stress-activated pathways).
XP_456943.1	0.1	DEHA2A14102g	Similar to Q03406 from <i>S. cerevisiae</i> YDR489W SLD5	Subunit of the GINS complex, important in the initiation of DNA replication and is involved in the assembly of the DNA replication machinery.
XP_459047.1	0.1	DEHA2D13178g	Similar to CA0138 I CaINH1 from <i>C. albicans</i> INH1	Mitochondrial ATPase inhibitor
XP_457418.1	0.1	DEHA2B10692g	Similar to Q06213 from <i>S. cerevisiae</i> YPR168W NUT2	Subunit of the RNA polymerase II mediator complex; associates with core polymerase subunits to form the RNA polymerase II holoenzyme; transcriptional activation and basal transcription.
XP_457337.2	0.1	DEHA2B08778g	Similar to Q04651 from <i>S. cerevisiae</i> YML067C ERV41	Forms a complex with Erv46p, involved in the membrane fusion stage of transport; has homology to human ERGIC2 (PTX1) protein. Facilitates retrograde transport from the Golgi apparatus to the endoplasmic reticulum.
XP_459098.1	0.1	40S ribosomal protein S28	Similar to P02380 from <i>S. cerevisiae</i> YLR264W RPS28B	Protein component of the small (40S) ribosomal subunit.

XP_457568.1	0.1	60S ribosomal protein L35	Similar to P39741 from <i>S. cerevisiae</i> YDL191W RPL35A and P39741 from <i>S. cerevisiae</i> YDL136W RPL35B	Protein component of the large (60S) ribosomal subunit.
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