



Library Indian Institute of Science Education and Research Mohali



DSpace@IISERMohali (/jspui/)
/ Publications of IISER Mohali (/jspui/handle/123456789/4)
/ Research Articles (/jspui/handle/123456789/9)

Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/4462>

Title:	Broader roles of the ubiquitin-like protein Hub1 indicated by its yeast two- hybrid interactors
Authors:	Pulakkal, Amjadudheen Varikka (/jspui/browse?type=author&value=Pulakkal%2C+Amjadudheen+Varikka) Ghosh, Anuraag (/jspui/browse?type=author&value=Ghosh%2C+Anuraag) Mishra, Shravan Kumar (/jspui/browse?type=author&value=Mishra%2C+Shravan+Kumar)
Keywords:	ubiquitin-like protein yeast two-hybrid interactors
Issue Date:	2022
Publisher:	microPublication
Citation:	MicroPublication Biology, 35098049,
Abstract:	The conserved ubiquitin-like protein Hub1/UBL5 functions in RNA splicing, DNA repair and mitochondrial unfolding responses. It binds proteins specific to these pathways and modifies their functional properties. However, the identities of other Hub1 substrates remain unknown. We have found unreported interactors of <i>Saccharomyces cerevisiae</i> Hub1 from a yeast two-hybrid (Y2H) screen. Proteins containing SIMs (small ubiquitin-like modifier SUMO-interaction motifs) and ferulic acid decarboxylase Fdc1 are identified as potential Hub1 interactors. Further experiments are required to establish these interactions and their physiological relevance, nevertheless, data presented here point towards larger and intriguing roles of Hub1.
Description:	Only IISERM authors are available in the record
URI:	https://doi.org/10.17912/micropub.biology.000519 (https://doi.org/10.17912/micropub.biology.000519) http://hdl.handle.net/123456789/4462 (http://hdl.handle.net/123456789/4462)
Appears in Collections:	Research Articles (/jspui/handle/123456789/9)

Files in This Item:

File	Description	Size	Format
Need To Add...Full Text_PDF..pdf (/jspui/bitstream/123456789/4462/1/Need%20To%20Add%e2%80%a6Full%20Text_PDF..pdf)		15.36 kB	Adobe PDF

[View/Open \(/jspu](#)

[Show full item record \(/jspui/handle/123456789/4462?mode=full\)](#)

[📊 \(/jspui/handle/123456789/4462/statistics\)](#)

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.

