**Supplementary Table 1:** *Saccharomyces cerevisiae* strains utilized in this study

|  |  |  |
| --- | --- | --- |
| Name | Genotype | Source |
| UTL7A wild-type | *MATα; ura3-52; trp1; leu2-3/112* | (Erdmann et al., 1989) |
| UTL7A *pex5Δ* | UTL7A *pex5::loxP* | (Girzalsky et al., 1999) |
| UTL7A *pex5Δpex1Δ* | UTL7A *pex1::loxP removed, pex5::kanMX4* | (Platta et al., 2007) |
| UTL7A *pex5Δpex2Δ* | UTL7A *pex2::LEU, pex5::loxP removed* | This study |
| UTL7A *pex5Δpex4Δ* | UTL7A *pex4::LEU, pex5::loxP removed* | This study |
| UTL7A *pex5Δpex6Δ* | UTL7A *pex5::loxP removed, pex6::loxP removed* | This study |
| UTL7A *pex5Δpex7Δ* | UTL7A *pex5::kanMX4, pex7::LEU* | This study |
| UTL7A *pex5Δpex8Δ*Pex18-TEV-ProteinA | UTL7A *pex5::loxP removed, pex8::loxP removed, Pex18-TEV-Prot.A* | This study |
| UTL7A *pex5Δpex9Δ* | UTL7A *pex5::loxP; pex9::KanMX6* | (Effelsberg et al., 2016) |
| UTL7A *pex5Δpex10Δ* | UTL7A *pex5::loxP removed, pex10::loxP removed* | This study |
| UTL7A *pex5Δpex12Δ* | UTL7A *pex5::CreloxP, pex12::LEU* | This study |
| UTL7A *pex5Δpex13Δ* | UTL7A *pex5::loxP removed, pex13::loxP removed* | This study |
| UTL7A *pex5Δpex14Δ* | UTL7A *pex5::loxP removed, pex14::loxP removed* | This study |
| UTL7A *pex5Δpex15Δ* | UTL7A *pex5::lox removed, pex15::lox removed* | This study |
| UTL7A *pex5Δpex17Δ* | UTL7A *pex5::loxP removed, pex17::LEU* | This study |
| UTL7A *pex5Δpex18Δpex21Δ* | UTL7A *pex5::CreloxP, pex18::lox removed, pex21::lox removed* | This study |
| UTL7A *pex5Δpex19Δ* | UTL7A *pex5::loxP removed, pex19::CreloxP* | This study |
| UTL7A *pex5Δpex22Δ* | UTL7A *pex5::loxP removed, pex22::CreloxP* | This study |
| UTL7A *pex9Δ* | UTL7A *pex9::loxP* | (Effelsberg et al., 2016) |
| UTL7A Pex5-Prot.A | UTL7A ::*PEX5-ProtA*-KanMX4 | (Kiel et al., 2005) |
| UTL7A Pex9-TEV-ProteinA | UTL7A *PEX9-TEV-ProteinA-kanMX6* | (Effelsberg et al., 2016) |

**Supplementary Table 2:**Plasmids used in this study

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Source | Primer sequence |
| pDE07 | pUG36-GFP-PCS60(531-543) | (Effelsberg et al., 2016) |  |
| pLDC14 | pRS415-PEX9prom-PEX9-TEV-ProtA | This study |  |
| pMAR28 | pRS415-PEX9prom-Pex9C6A-TEV-ProtA | This study | RE6837: cgctcactggccgtcg  RE7262: CGTACGCTGCAGGTCGAC  RE7263: cgacggccagtgagcgGAATTG  TCTTGATTGGGTGCTTATGCTG  RE7264: GTCGACCTGCAGCGTACGATCC  ATTTTGTTATAAATAGCTTTTAA  GGTTG |
| pMAR29 | pUG36-GFP-PCS60(531-543) | This study | RE7307: GATGAACGAAGTTACTGCTTCC  ATAACTGGTGAC  RE7308: GTCACCAGTTATGGAAGCAGTA  ACTTCGTTCATC |

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