**Supporting Information**

**S1 File**

|  |  |  |
| --- | --- | --- |
| **Purpose** | **Forward** | **Reverse** |
| mTFP1 into pFA6 | CCGGTTAATTAACAGTATGGTGAGCAAGGGCGAGGA | AATTGGCGCGCCTTACTTGTACAGCTCGTCCA |
| mTFP1 into pOM | GCAGGGATCCGTGAGCAAGGGCGAGGAGAC | GCAGACTAGTCTTGTACAGCTCGTCCATGCC |
| mCitrine into pOM | GCAGGGATCCTCTAAAGGTGAAGAATTATTACTGGTGTTGT | GCAGACTAGTTTTGTACAATTCATCAATACCATGGGTAATACC |
| mCherry into pOM | GCAGGGATCCGTGAGCAAGGGCGAGGAGGATAA | GCAGACTAGTCTTGTACAGCTCGTCCATGCC |

**Table A. Primers used to synthesize tagging vectors**

|  |  |  |
| --- | --- | --- |
| **Plasmid** | **Purpose** | **Reference** |
| pFA6 -GFP(S65T)-KanMX6 | C-terminal GFP tagging using *KanMX6* as a selection marker | [12] |
| pFA6 -GFP(S65T)-His3MX6 | C-terminal GFP tagging using *HIS3* as a selection marker | [12] |
| pFA6 -mTFP1-KanMX6 | C-terminal mTFP1 tagging using *KanMX6* as a selection marker | This study  |
| pFA6 -mTFP1-His3MX6 | C-terminal mTFP1 tagging using *HIS3* as a selection marker | This study  |
| PCY3090-02 | C-terminal mCherry tagging using *hphMX4* as a selection marker | [13] |
| PCY3080-07 | C-terminal mCitrine tagging using *Sh ble* as a selection marker | [13] |
| pOM42 | N-terminal GFP tagging using *LEU2* as a selection marker | [11] |
| pOM43 | N-terminal GFP tagging using *URA3* as a selection marker | [11] |
| pOM42-mTFP1 | N-terminal mTFP1 tagging using *LEU2* as a selection marker | This study  |
| pOM43-mTFP1 | N-terminal mTFP1 tagging using *URA3* as a selection marker | This study  |
| pOM42-mCitrine | N-terminal mCitrine tagging using *LEU2* as a selection marker | This study  |
| pOM43-mCitrine | N-terminal mCitrine tagging using *URA3* as a selection marker | This study  |
| pOM42-mCherry | N-terminal mCherry tagging using *LEU2* as a selection marker | This study  |
| pOM43-mCherry | N-terminal mCherry tagging using *URA3* as a selection marker | This study  |

**Table B. Tagging vectors used in this study.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Gene** | **Vector** | **Forward** | **Reverse** |
| *CIT1* | pFA6 | AAAATACAAGGAGTTGGTAAAGAAAATCGAAAGTAAGAACCGGATCCCCGGGTTAATTAA | AATAGTCGCATACCCTGAATCAAAAATCAAATTTTCCTTAGAATTCGAGCTCGTTTAAAC |
| *CIT1* | PCY | AAAATACAAGGAGTTGGTAAAGAAAATCGAAAGTAAGAACGGTGACGGTGCTGGTTTA | TTTGAATAGTCGCATACCCTGAATCAAAAATCAAATTTTCCATCGATGAATTCGAGCTCG |
| *CIT1* | pOM | AAAATATGCAAAAGGCTCTTTTTGCACTATTGAATGCTCGCCACTATAGTAGCTGCAGGTCGACAACCCTTAAT | TCTGCCTTTGCTGGGATAATTTCAGCAAATCTCTCCTTCAACGTTTGTTCGGAGGCGCGGCCGCATAGGCGACT |
| *PHO88* | PCY | AGAAGCTGAAAGAGCCGGTAACGCTGGTGTTAAGGCTGAAGGTGACGGTGCTGGTTTA | AAAACTAGGAAAAAAAAATACTTCGCTTTTGATCGAATCAATCGATGAATTCGAGCTCG  |
| *ERG6* | PCY | GAAAACGCCGAAACCCCCTCCCAAACTTCCCAAGAAGCAACTCAAGGTGACGGTGCTGGTTTA | ATCTGCATATATAGGAAAATAGGTATATATCGTGCGCTTTATTTGATCGATGAATTCGAGCTCG |

**Table C. Primers used in this study to synthesize fluorescent protein fusions.**

|  |  |  |
| --- | --- | --- |
| **Strains** | **Genotype** | **Source** |
| BY4741 | *MATa his3∆1 leu2∆0 met15∆0 ura3∆0* | Open Biosystems |
| RHY116 | *MATa his3∆1 leu2∆0 met15∆0 ura3∆0 CIT1-GFP(S65T)-HIS3* | This study |
| RHY220 | *MATa his3∆1 leu2∆0 met15∆0 ura3∆0 CIT1-yEpolylinker-mCherry-hphMX4* | This study |
| RHY225 | *MATa his3∆1 leu2∆0 met15∆0 ura3∆0 CIT1-yEpolylinker-yEmCitrine-Sh ble* | This study |
| RHY301 | *MATa his3∆1 leu2∆0 met15∆0 ura3∆0 CIT1-mTFP1-HIS3* | This study |
| RHY303 | *MATa his3∆1 leu2∆0 met15∆0 ura3∆0 CIT1-mTFP1-HIS3 Pho88-yEpolylinker-yEmCitrine-Sh ble Erg6-yEpolylinker-mCherry-hphMX4* | This study |
| RHY349 | *MATa his3∆1 leu2∆0 met15∆0 ura3∆0 yEmCitrine-CIT1*  | This study |
| RHY360 | *MATa his3∆1 leu2∆0 met15∆0 ura3∆0 mCherry-CIT1*  | This study |
| RHY366 | *MATa his3∆1 leu2∆0 met15∆0 ura3∆0 mTFP1-CIT1*  | This study |
| RHY453 | *MATa his3∆1 leu2∆0 met15∆0 ura3∆0 CIT1-mCerulean-Sh ble* | This study |

**Table D. Strains used in this study.**