|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** | **Stock name** | **Background** | **Description** | **Genotype** | **References / Sources** |
| WT | GS115 | NRRL Y-11430 | WT | *his4* | [1] |
| WT | PPY12 | NRRL Y-11430 | WT | *his4 arg4* | [2] |
| WT | PPF1 | NRRL Y-11430 | WT | *his4 arg4* | [3] |
| D*gal83* | D*PAS\_chr1-4\_0498* | GS115 | D*gal83* | GS115 D*gal83*::*ZEO* *his4* | [4] |
| D*sak1* | D*PAS\_chr2-1\_0639* | GS115 | D*sak1* | GS115 D*sak1*::*ZEO* *his4* | [4] |
| D*tos3?* | D*PAS\_chr1-3\_0213* | GS115 | D*tos3?* | GS115 D*PAS\_chr1-3\_0213*::*ZEO* *his4* | [4] |
| D*hog1* | D*PAS\_chr1-3\_0232* | GS115 | D*hog1* | GS115 D*hog1*::*ZEO his4* | [4] |
| D*pka\_B* | D*PAS\_chr3\_0964* | GS115 | D*pka\_B* | GS115 D*PAS\_chr3\_0964*::*ZEO his4* | [4] |
| D*mig1* D*mig2* D*nrg1* | D*mig1* D*mig2* D*nrg1* | GS115 | D*mig1* D*mig2* D*nrg1* | GS115 D*mig1*::*ZEO* D*mig2*::*KAN* D*nrg1*::*HPH* *his4* | [5] |
| D*mxr1* | JC132 | GS115 | *mxr1-1* | GS115 *mxr1-1 his4* | [6] |
| D*pex14* | JC404 | NRRL Y-11430 | D*pex14* | NRRL Y-11430 D*pex14*::*ARG4* *his4* | [7] |
| D*aox1* D*aox2* | MC100-3 | PPF1 | D*aox1* D*aox2* | PPF1 D*aox1*::*ARG4* D*aox2*::*HIS4* | [8] |
| D*pex5* | *pas8* | PPY12 | D*pex5* | PPY12 D*pex5*::*ARG4* *his4* | [9] |
| D*pot1* | D*pot1* | PPY12 | D*pot1* | PPY12 D*pot1*::*ARG4* *his4* | [10] |
| WT-OE-Mit1 | WT-Mit1 | GS115 | WT + P*GAPDH*, Mit1 | GS115 P*GAPDH*::pP6GM1(P*GAPDH*, Mit1; *HIS4*, *BLA*) | [5] |
| D*nugM* | SJCF2769 | GS115 | D*nugM* | GS115 D*nugM*::*NAT his4* | This study |
| D*gpdA* D*mdhB* | D*gpdA* D*mdhB* | GS115 | D*gpdA* D*mdhB* | GS115 D*gpdA*::*NAT* D*mdhB*::*HPH his4* | This study |
| D*cat2* | D*cat2* | GS115 | D*cat2* | GS115 D*cat2*::*NAT his4* | This study |
| WT + Pex3-GFP + BFP-SKL | SJCF2177 | SEW1 | D*pex3* + P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPY12 D*pex3*::*ARG4* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) P*GAPDH*::pJCF742(P*GAPDH*, BFP-SKL; *ZEO*) | This study |
| D*cat2* + Pex3-GFP + BFP-SKL | SJCF2177 | SJCF2177 | D*cat2* D*pex3* + P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPY12 D*cat2*::*NAT* D*pex3*::*ARG4* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) P*GAPDH*::pJCF742(P*GAPDH*, BFP-SKL; *ZEO*) | This study |
| D*gpdA* + Pex3-GFP + BFP-SKL | SJCF2649 | SJCF2177 | D*gpdA* D*pex3* + P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPY12 D*gpdA*::*NAT* D*pex3*::*ARG4* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) P*GAPDH*::pJCF742(P*GAPDH*, BFP-SKL; *ZEO*) | This study |
| D*mdhA* + Pex3-GFP + BFP-SKL | SJCF2650 | SJCF2177 | D*mdhA* D*pex3* + P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPY12 D*mdhA*::*HPH* D*pex3*::*ARG4* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) P*GAPDH*::pJCF742(P*GAPDH*, BFP-SKL; *ZEO*) | This study |
| D*mdhB* + Pex3-GFP + BFP-SKL | SJCF2651 | SJCF2177 | D*mdhB* D*pex3* + P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPY12 D*mdhB*::*HPH* D*pex3*::*ARG4* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) P*GAPDH*::pJCF742(P*GAPDH*, BFP-SKL; *ZEO*) | This study |
| D*gpdA* D*mdhA* + Pex3-GFP + BFP-SKL | SJCF2652 | SJCF2177 | D*gpdA* D*mdhA* D*pex3* + P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPY12 D*gpdA*::*NAT* D*mdhA*::*HPH* D*pex3*::*ARG4* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) P*GAPDH*::pJCF742(P*GAPDH*, BFP-SKL; *ZEO*) | This study |
| D*gpdA* D*mdhB* + Pex3-GFP + BFP-SKL | SJCF2653 | SJCF2177 | D*gpdA* D*mdh*B D*pex3* + P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPY12 D*gpdA*::*NAT* D*mdhB*::*HPH* D*pex3*::*ARG4* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) P*GAPDH*::pJCF742(P*GAPDH*, BFP-SKL; *ZEO*) | This study |
| D*ndufa9* + Pex3-GFP + BFP-SKL | SJCF2597 | SJCF2177 | D*ndufa9* D*pex3* + P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPY12 D*ndufa9*::*NAT* D*pex3*::*ARG4* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) P*GAPDH*::pJCF742(P*GAPDH*, BFP-SKL; *ZEO*) | This study |
| D*nugM* + Pex3-GFP + BFP-SKL | SJCF2631 | SJCF2177 | D*nugM* D*pex3* + P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPY12 D*nugM*::*NAT* D*pex3*::*ARG4* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) P*GAPDH*::pJCF742(P*GAPDH*, BFP-SKL; *ZEO*) | This study |
| D*cyt1* + Pex3-GFP + BFP-SKL | SJCF2645 | SJCF2177 | D*cyt1* D*pex3* + P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPY12 D*cyt1*::*NAT* D*pex3*::*ARG4* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) P*GAPDH*::pJCF742(P*GAPDH*, BFP-SKL; *ZEO*) | This study |
| D*aox1* D*aox2* + Pex3-GFP + BFP-SKL | SJCF2671 | PPF1 | D*aox1* D*aox2* P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPF1 D*aox1*::*ARG4* D*aox2*::*HIS4* *HIS4*::pJCF571(P*PEX3*, Pex3-GFP; *HIS4*, *ZEO*) *HIS4*::pJCF401(P*GAPDH*, BFP-SKL; *HIS4*, *KAN*) | This study |
| D*pot1* + Pex3-GFP + BFP-SKL | SJCF2655 | D*pot1* | D*pot1* + P*PEX3*, Pex3-GFP + P*GAPDH*, BFP-SKL | PPY12 D*pot1*::*ARG4* *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) P*GAPDH*::pJCF742(P*GAPDH*, BFP-SKL; *ZEO*) | This study |
| WT + GFP-Pex36 | SJCF1448 | GS115 | WT + P*PEX36*, GFP-Pex36 | GS115 *his4*::pJCF205(P*PEX36*, GFP-Pex36; *HIS4*) | This study |
| D*pex5* + GFP-Pex36 | SJCF683 | PPY12 | D*pex5* + P*PEX36*, GFP-Pex36 | PPY12 D*pex5*::*ARG4* *his4*::pJCF205(P*PEX36*, GFP-Pex36; *HIS4*) | This study |
| WT + Pex11-2HA | SJCF1355 | GS115 | WT + P*PEX11*, Pex11-2HA | GS115 *his4*::pMY59(P*PEX11*, Pex11-2HA; *HIS4*) | This study |
| D*nugM* + Pex11-2HA | SJCF2709 | SJCF1355 | D*nugM* + P*PEX11*, Pex11-2HA | GS115 D*nugM*::*NAT his4*::pMY59(P*PEX11*, Pex11-2HA; *HIS4*) | This study |
| D*gal83* + Pex11-2HA | SJCF2719 | D*PAS\_chr1-4\_0498* | D*gal83* + P*PEX11*, Pex11-2HA | GS115 D*gal83*::*ZEO* *his4*::pMY59(P*PEX11*, Pex11-2HA; *HIS4*) | This study |
| D*sak1* + Pex11-2HA | SJCF2720 | D*PAS\_chr2-1\_0639* | D*sak1* + P*PEX11,* Pex11-2HA | GS115 D*sak1*::*ZEO* *his4*::pMY59(P*PEX11*, Pex11-2HA; *HIS4*) | This study |
| D*tos3?* + Pex11-2HA | SJCF2718 | D*PAS\_chr1-3\_0213* | D*tos3?* + P*PEX11*, Pex11-2HA | GS115 D*PAS\_chr1-3\_0213*::*ZEO* *his4*::pMY59(P*PEX11*, Pex11-2HA; *HIS4*) | This study |
| D*mxr1* | D*mxr1* + pIB1 | JC132 | *mxr1-1* | GS115 *mxr1-1 his4*::pIB1(empty plasmid; *HIS4*) | This study |
| D*mit1* | D*mit1* + pIB1 + pJCF214 | SMY288 | D*mit1* | PPY12 D*mit1*::*ZEO* *his4*::pIB1(empty plasmid; *HIS4*) *arg4*::pJCF214(empty plasmid; *ARG4*) | This study |
| D*pka\_B* + Pex3-GFP | SJCF2724 | D*PAS\_chr3\_0964* | D*pka\_B* + P*PEX3*, Pex3-GFP | GS115 D*pka\_B*::*ZEO* *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| D*pka\_B* *pka\_AM219G* + Pex3-GFP | SJCF2735 | SJCF2724 | D*pka\_B* *pka\_A*M219G + P*PEX3*, Pex3-GFP | GS115 *PKA\_A*::*pka\_A*M219G(*KAN*) D*PAS\_chr3\_0964*::*ZEO* *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| D*pka\_B* *pka\_AM219G* D*nugM* + Pex3-GFP | SJCF2736 | SJCF2735 | D*nugM* D*pka\_B* *pka\_A*M219G + P*PEX3*, Pex3-GFP | GS115 D*nugM*::*NAT* *PKA\_A*::*pka\_A*M219G(*KAN*) D*PAS\_chr3\_0964*::*ZEO* *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| WT + Pex3-GFP | SJCF2722 | GS115 | WT + P*PEX3*, Pex3-GFP | GS115 *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| D*gal83* + Pex3-GFP | SJCF2727 | D*PAS\_chr1-4\_0498* | D*gal83* + P*PEX3*, Pex3-GFP | GS115 D*gal83*::*ZEO* *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| D*hog1* + Pex3-GFP | SJCF2729 | D*PAS\_chr1-3\_0232* | D*hog1* + P*PEX3*, Pex3-GFP | GS115 D*hog1*::*ZEO* *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| D*nugM* + Pex3-GFP | SJCF2730 | SJCF2722 | D*nugM* + P*PEX3*, Pex3-GFP | GS115 D*nugM*::*NAT* *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| D*hog1* D*nugM* + Pex3-GFP | SJCF2734 | SJCF2729 | D*nugM* D*hog1* + P*PEX*3, Pex3-GFP | GS115 D*nugM*::*NAT* D*hog1*::*ZEO* *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| D*mig1* D*mig2* D*nrg1* + Pex3-GFP | SJCF2777 | D*mig1* D*mig2* D*nrg1* | D*mig1* D*mig2* D*nrg1* + P*PEX3*, Pex3-GFP | GS115 D*mig1*::*ZEO* D*mig2*::*KAN* D*nrg1*::*HPH* *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| D*mig1* D*mig2* D*nrg1* D*gal83* + Pex3-GFP | SJCF2778 | SJCF2777 | D*mig1* D*mig2* D*nrg1* D*gal83* + P*PEX3*, Pex3-GFP | GS115 D*gal83*::*NAT* D*mig1*::*ZEO* D*mig2*::*KAN* D*nrg1*::*HPH* *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| D*mig1* D*mig2* D*nrg1* D*nugM* + Pex3-GFP | SJCF2779 | SJCF2777 | D*mig1* D*mig2* D*nrg1* D*nugM* + P*PEX3*, Pex3-GFP | GS115 D*nugM*::*NAT* D*mig1*::*ZEO* D*mig2*::*KAN* D*nrg1*::*HPH* *PEX3*::pJCF852(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| WT + Pex3-GFP | SJCF1520 | GS115 | WT + P*PEX3*, Pex3-GFP | GS115 *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| D*pex14* + Pex3-GFP | SJCF2672 | JC404 | D*pex14* + P*PEX3*, Pex3-GFP | NRRL Y-11430 D*pex14*::*ARG4* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| D*pex11* + Pex3-GFP | SJCF1565 | SJCF1555 | D*pex11* + P*PEX3*, Pex3-GFP | GS115 D*pex11*::*ZEO* *his4*::pJCF533(P*PEX3*, Pex3-GFP; *HIS4*) | This study |
| WT + Gal83-GFP | SJCF2772 | GS115 | WT + P*GAL83*, Gal83-GFP | GS115 *his4*::P*GAL83*, Gal83-GFP(*HIS4*) | This study |
| D*nugM* + Gal83-GFP | SJCF2773 | SJCF2772 | D*nugM* + P*GAL83*, Gal83-GFP | GS115 D*nugM*::*NAT* *his4*::P*GAL83*, Gal83-GFP(*HIS4*) | This study |
| D*sak1* + Gal83-GFP | SJCF2774 | D*PAS\_chr2-1\_0639* | D*sak1* + P*GAL83*, Gal83-GFP | GS115 Dsak1::*ZEO his4*::P*GAL83*, Gal83-GFP(*HIS4*) | This study |
| WT + Gal83-GFP + Sec61-mCherry | SJCF2775 | SJCF2772 | WT + P*GAL83*, Gal83-GFP + P*SEC61*, Sec61-mCherry | GS115 *his4*::P*GAL83*, Gal83-GFP(*HIS4*) *SEC61*::P*SEC61*, Sec61-mCherry(*KAN*) | This study |
| D*nugM* + Gal83-GFP + Sec61-mCherry | SJCF2776 | SJCF2773 | D*nugM* + P*GAL83*, Gal83-GFP + P*SEC61*, Sec61-mCherry | GS115 D*nugM*::*NAT* *his4*::P*GAL83*, Gal83-GFP(*HIS4*) *SEC61*::P*SEC61*, Sec61-mCherry(*KAN*) | This study |
| WT + P*MXR1*, Mxr1S215A | SJCF2750 | GS115 | WT + P*MXR1*, Mxr1S215A-HA | GS115 *his4*::P*MXR1*, Mxr1S215A-HA(*HIS4*) | This study |
| D*gal83* + P*MXR1*, Mxr1S215A | SJCF2751 | D*PAS\_chr1-4\_0498* | D*gal83* + P*MXR1*, Mxr1S215A-HA | GS115 D*gal83*::*ZEO* *his4*::P*MXR1*, Mxr1S215A-HA(*HIS4*) | This study |
| D*nugM* + P*MXR1*, Mxr1S215A | SJCF2752 | SJCF2750 | D*nugM* + P*MXR1*, Mxr1S215A-HA | GS115 D*nugM*::*NAT* *his4*::P*MXR1*, Mxr1S215A-HA(*HIS4*) | This study |
| D*nugM* + OE-Mit1 | SJCF2764 | WT-Mit1 | D*nugM* + P*GAPDH*, Mit1 | GS115 D*nugM*::*NAT* P*GAPDH*::pP6GM1(P*GAPDH*, Mit1; *HIS4*, *BLA*) | This study |
| D*gal83* + OE-Mit1 | SJCF2758 | WT-Mit1 | D*gal83* + P*GAPDH*, Mit1 | GS115 D*gal83*::*NAT* P*GAPDH*::pP6GM1(P*GAPDH*, Mit1; *HIS4*, *BLA*) | This study |
| WT | GS115 + pIB1 | GS115 | WT | GS115 *his4*::pIB1(empty plasmid; *HIS4*) | This study |
| D*gal83* | D*gal83* + pIB1 | D*PAS\_chr1-4\_0498* | D*gal83* | GS115 D*gal83*::*ZEO* *his4*::pIB1(empty plasmid; *HIS4*) | This study |
| D*nugM* | D*nugM* + pIB1 | SJCF2722 | D*nugM* | GS115 D*nugM*::*NAT* *his4*::pIB1(empty plasmid; *HIS4*) | This study |
| WT + SoNar | GS115 + SoNar | GS115 | GS115 + SoNar | GS115 *his4*::pIB2-SoNar(P*GAPDH*, SoNar; *HIS4*) | This study |
| D*gal83* + SoNar | D*gal83* + SoNar | D*PAS\_chr1-4\_0498* | D*gal83* + SoNar | GS115 D*gal83*::*ZEO* *his4*::pIB2-SoNar(P*GAPDH*, SoNar; *HIS4*) | This study |
| D*nugM* + SoNar | D*nugM* + SoNar | SJCF2722 | D*nugM* + SoNar | GS115 D*nugM*::*NAT* *his4*::pIB2-SoNar(P*GAPDH*, SoNar; *HIS4*) | This study |
| D*cat2* + SoNar | D*cat2* + SoNar | D*cat2* | D*cat2* + SoNar | GS115 D*cat2*::*NAT his4*::pIB2-SoNar(P*GAPDH*, SoNar; *HIS4*) | This study |
| D*pot1* + SoNar | D*pot1* + SoNar | D*pot1* | D*pot1* + SoNar | PPY12 D*pot1*::*ARG4* *his4*::pIB2-SoNar(P*GAPDH*, SoNar; *HIS4*) | This study |
| D*gpdA* D*mdhB* + SoNar | D*gpdA* D*mdhB* + SoNar | D*gpdA* D*mdhB* | D*gpdA* D*mdhB* + SoNar | GS115 D*gpdA*::*NAT* D*mdhB*::*HPH his4*::pIB2-SoNar(P*GAPDH*, SoNar; *HIS4*) | This study |
| WT + SoNar-ePTS1 | GS115 + SoNar-ePTS1 | GS115 | GS115 + SoNar-ePTS1 | GS115 *his4*::pIB2-SoNar-ePTS1(P*GAPDH*, SoNar-ePTS1; *HIS4*) | This study |
| D*gal83* + SoNar-ePTS1 | D*gal83* + SoNar-ePTS1 | D*PAS\_chr1-4\_0498* | D*gal83* + SoNar-ePTS1 | GS115 D*gal83*::*ZEO* *his4*::pIB2-SoNar-ePTS1(P*GAPDH*, SoNar-ePTS1; *HIS4*) | This study |
| D*nugM* + SoNar-ePTS1 | D*nugM* + SoNar-ePTS1 | SJCF2722 | D*nugM* + SoNar-ePTS1 | GS115 D*nugM*::*NAT* *his4*::pIB2-SoNar-ePTS1(P*GAPDH*, SoNar-ePTS1; *HIS4*) | This study |
| D*cat2* + SoNar-ePTS1 | D*cat2* + SoNar-ePTS1 | D*cat2* | D*cat2* + SoNar-ePTS1 | GS115 D*cat2*::*NAT his4*::pIB2-SoNar-ePTS1(P*GAPDH*, SoNar-ePTS1; *HIS4*) | This study |
| D*pot1* + SoNar-ePTS1 | D*pot1* + SoNar-ePTS1 | D*pot1* | D*pot1* + SoNar-ePTS1 | PPY12 D*pot1*::*ARG4* *his4*::pIB2-SoNar-ePTS1(P*GAPDH*, SoNar-ePTS1; *HIS4*) | This study |
| D*gpdA* D*mdhB* + SoNar-ePTS1 | D*gpdA* D*mdhB* + SoNar-ePTS1 | D*gpdA* D*mdhB* | D*gpdA* D*mdhB* + SoNar-ePTS1 | GS115 D*gpdA*::*NAT* D*mdhB*::*HPH his4*::pIB2-SoNar-ePTS1(P*GAPDH*, SoNar-ePTS1; *HIS4*) | This study |
| WT + cpYFP | GS115 + cpYFP | GS115 | GS115 + cpYFP | GS115 *his4*::pIB2-cpYFP(P*GAPDH*, cpYFP; *HIS4*) | This study |
| D*gal83* + cpYFP | D*gal83* + cpYFP | D*PAS\_chr1-4\_0498* | D*gal83* + cpYFP | GS115 D*gal83*::*ZEO* *his4*::pIB2-cpYFP(P*GAPDH*, cpYFP; *HIS4*) | This study |
| D*nugM* + cpYFP | D*nugM* + cpYFP | SJCF2722 | D*nugM* + cpYFP | GS115 D*nugM*::*NAT* *his4*::pIB2-cpYFP(P*GAPDH*, cpYFP; *HIS4*) | This study |
| D*cat2* + cpYFP | D*cat2* + cpYFP | D*cat2* | D*cat2* + cpYFP | GS115 D*cat2*::*NAT his4*::pIB2-cpYFP(P*GAPDH*, cpYFP; *HIS4*) | This study |
| D*pot1* + cpYFP | D*pot1* + cpYFP | D*pot1* | D*pot1* + cpYFP | PPY12 D*pot1*::*ARG4* *his4*::pIB2-cpYFP(P*GAPDH*, cpYFP; *HIS4*) | This study |
| D*gpdA* D*mdhB* + cpYFP | D*gpdA* D*mdhB* + cpYFP | D*gpdA* D*mdhB* | D*gpdA* D*mdhB* + cpYFP | GS115 D*gpdA*::*NAT* D*mdhB*::*HPH his4*::pIB2-cpYFP(P*GAPDH*, cpYFP; *HIS4*) | This study |
| WT + cpYFP-ePTS1 | GS115 + cpYFP-ePTS1 | GS115 | GS115 + cpYFP-ePTS1 | GS115 *his4*::pIB2-cpYFP-ePTS1(P*GAPDH*, cpYFP-ePTS1; *HIS4*) | This study |
| D*gal83* + cpYFP-ePTS1 | D*gal83* + cpYFP-ePTS1 | D*PAS\_chr1-4\_0498* | D*gal83* + cpYFP-ePTS1 | GS115 D*gal83*::*ZEO* *his4*::pIB2-cpYFP-ePTS1(P*GAPDH*, cpYFP-ePTS1; *HIS4*) | This study |
| D*nugM* + cpYFP-ePTS1 | D*nugM* + cpYFP-ePTS1 | SJCF2722 | D*nugM* + cpYFP-ePTS1 | GS115 D*nugM*::*NAT* *his4*::pIB2-cpYFP-ePTS1(P*GAPDH*, cpYFP-ePTS1; *HIS4*) | This study |
| D*cat2* + cpYFP-ePTS1 | D*cat2* + cpYFP-ePTS1 | D*cat2* | D*cat2* + cpYFP-ePTS1 | GS115 D*cat2*::*NAT his4*::pIB2-cpYFP-ePTS1(P*GAPDH*, cpYFP-ePTS1; *HIS4*) | This study |
| D*pot1* + cpYFP-ePTS1 | D*pot1* + cpYFP-ePTS1 | D*pot1* | D*pot1* + cpYFP-ePTS1 | PPY12 D*pot1*::*ARG4* *his4*::pIB2-cpYFP-ePTS1(P*GAPDH*, cpYFP-ePTS1; *HIS4*) | This study |
| D*gpdA* D*mdhB* + cpYFP-ePTS1 | D*gpdA* D*mdhB* + cpYFP-ePTS1 | D*gpdA* D*mdhB* | D*gpdA* D*mdhB* + cpYFP-ePTS1 | GS115 D*gpdA*::*NAT* D*mdhB*::*HPH his4*::pIB2-cpYFP-ePTS1(P*GAPDH*, cpYFP-ePTS1; *HIS4*) | This study |

Table S1. Strains and plasmids.

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