**Table S6. Plasmids constructed and used during this study.**

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| --- | --- | --- |
| **Plasmid** | **Description** | **Reference** |
| pAN7-1 | hygromycin B resistance (hph) vector | [1] |
| pJET1.2 | blunt Cloning Vector: CloneJETTM, *ampR* | Fermentas GmbH |
| pBluescript II KS+ | Cloning Vector | Fermentas GmbH |
| pME3024 | pyrithiamine resistance (*ptrA*) vector | [2] |
| pME3160 | Expression module *tniiA-pniiA* / *pniaD-tniaD*, *pyrG*, *ampR* | [3] |
| pSK379 | pyrithiamine resistance (*ptrA*) vector including *gpdA* promoter for high expression | [4] |
| pSK485 | self-excising β-rec/*six* *ptrA* marker cassette containing vector | [5] |
| pME3701 | *fbx15* with 1,5 kb flanking sites in pAN7-1 | This study |
| pME3704 | *fbx23* with 1,5 kb flanking sites in pAN7-1 | This study |
| pME3706 | *grrA* with 1,5 kb flanking sites in pAN7-1 | This study |
| pME4042 | *fbx15 5'UTR::ptrA::3’UTR* in pJET1.2 | This study |
| pME4043 | *sconB 5'UTR::ptrA::3’UTR* in pJET1.2 | This study |
| pME4044 | *fbx15 5'UTR::ptrA::pgpdA::fbx15::gfp::3'UTR* in pJET1.2 | This study |
| pME4045 | *fbx15 5'UTR::ptrA::pgpdA::fbx15::tap::3'UTR* in pJET1.2 | This study |
| pME4046 | *sconB 5'UTR::ptrA::pgpdA::sconB::gfp::3'UTR* in pJET1.2 | This study |
| pME4047 | *sconB 5'UTR::ptrA::pgpdA::sconB::tap::3'UTR* in pJET1.2 | This study |
| pME4048 | *fbx15 5'UTR::ptrA::pgpdA::fbx15*[P12S]*::gfp::3'UTR* in pJET1.2 | This study |
| pME4049 | *fbx15 5'UTR::ptrA::pgpdA::fbx15*[P12S]*::tap::3'UTR* in pJET1.2 | This study |
| pME4050 | *sconB 5'UTR::ptrA::pgpdA::sconB*[P200S]*::gfp::3'UTR* in pJET1.2 | This study |
| pME4051 | *sconB 5'UTR::ptrA::pgpdA::sconB*[P200S]*::tap::3'UTR* in pJET1.2 | This study |
| pME4052 | *cYFP::skpA* in *Pme*I-site of pME3160 | This study |
| pME4056 | *nYFP::fbx15* in *Swa*I-site of pME4052 | This study |
| pME4058 | *nYFP::sconB* in *Swa*I-site of pME4052 | This study |
| pME4284 | *pgpdA::fbx15* in *Stu*I-site of pAN7-1 | This study |
| pME4285 | *gfp::ttrpC::pgpdA::hph* in pBluescript II KS+ | This study |
| pME4286 | *ssnF 5'UTR::ssnF::gfp:: ttrpC:: pgpdA::hph::3'UTR* in pBluescript II KS+ | This study |
| pME4289 | *fbx15* in *Mss*I-site of pSK379 | This study |
| pME4291 | *nic96 5'UTR::nic96::gfp:: ttrpC:: pgpdA::hph::3'UTR* in pBluescript II KS+ | This study |
| pME4292 | *gfp* in *Mss*I-site of pSK379 | This study |
| pME4294 | *ssnF 5'UTR::ptrA::3'UTR* in pBluescript II KS+ | This study |
| pME4298 | *fbx15* cDNA in pBluescript II KS+ | This study |
| pME4300 | *ssnF* cDNA in pBluescript II KS+ | This study |
| pME4301 | *cYFP::fbx15* (cDNA) in *Mss*I-site of pME3160 | This study |
| pME4302 | *nYFP::ssnF* (cDNA) in *Smi*I-site of pME4301 | This study |
| pME4341 | (*EcoR*V-site)*::ttrpC::ptrA::fbx15* 3’UTRin *EcoR*V-site of pBluescript II KS+ | This study |
| pME4342 | *fbx15* 5’UTR*::fbx15::rfp* in *EcoR*V-site of pME4341 | This study |
| pME4345 | *fbx15* 5’UTR*::fbx15* [S468A; S469A]*::rfp* in *EcoR*V-site of pME4341 | This study |
| pME4346 | *glcA 5'UTR::pgpdA::hph::ttrpC::3'UTR* in *EcoR*V-site of pBluescript II KS+ | This study |
| pME4347 | *nimX 5'UTR::pgpdA::hph::ttrpC::3'UTR* in *EcoR*V-site of pBluescript II KS+ | This study |
| pME4348 | *fbx15* 5’UTR*::fbx15* [S469D]*::rfp* in *EcoR*V-site of pME4341 | This study |
| pME4432 | *nYFP::fbx15* [S468A; S469A]in *Swa*I-site of pME3160 | This study |
| pME4433 | *cYFP::ssnF* in *Pme*I-site of pME4432 | This study |
| pME4434 | *nYFP::fbx15* [S468A; S469A]in *Swa*I-site of pME4052 | This study |
| pME4468 | *nYFP::glcA* (cDNA) in *Smi*I-site of pME4301 | This study |
| pME4469 | *nYFP::nimX* (cDNA) in *Smi*I-site of pME4301 | This study |
| pME4475 | *fbx15* 5’UTR*::fbx15* [-F-box]*::rfp* in *EcoR*V-site of pME4341 | This study |
| pME4476 | *fbx15* 5’UTR*::fbx15* [-F-box; S468A; S469A]*::rfp* in *EcoR*V-site of pME4341 | This study |
| pME4477 | *fbx15* 5’UTR*::fbx15* [-F-box; S469D]*::rfp* in *EcoR*V-site of pME4341 | This study |
| pME4538 | *fbx15 5'UTR::six-*site*::pxylP::*β*-rec::ttrpC::ptrA::six-*site*::3'UTR* in *EcoR*V-site of pBluescript II KS+ | This study |

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