**Supplemental Table 1**

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| **Reference Strain** | **Transgene** | **Figure** | **Injection Conditions^** | **Genotype\*** |
| XMN536 | *bggEx18* | 1A | P*rpm-1*RPM-1::GFP (pCZ161) (25ng/µL) | *rpm-1* |
| XMN537 | *bggEx85* | 1A | P*rpm-1*RPM-1::GFP (pCZ161) (25ng/µL);  P*rgef-1*FLAG::PPM-2 (pBG-GY135) (25ng/µL) | *ppm-2; rpm-1* |
|  |  | 1B,C | P*ppm-2*GFP (5ng/µL duplex PCR Product) | N2 |
| XMN508 | *bggEx102* | 1D,E | P*ppm-2*GFP (5ng/µL duplex PCR Product);  P*mec-7*mCherry (pBA182) (20ng/µL) | N2 |
|  |  | 3A | P*mec-7*PPM-2 (pBG-GY121) (5ng/µL) | *ppm-2 fsn-1; muIs32* |
|  |  | 3A | P*mec-7*PPM-2 *D59N* (pBG-GY204) (5ng/µL) | *ppm-2 fsn-1; muIs32* |
|  |  | 3A | P*mec-7*PPM-2 *G2A* (pBG-GY226) (5ng/µL) | *ppm-2 fsn-1; muIs32* |
|  |  | 3B | P*mec-7*PPM-2 (pBG-GY121) (5ng/µL) | *rpm-1; muIs32* |
|  |  | 3B | P*mec-7*PPM-2 *D59N* (pBG-GY204) (5ng/µL) | *rpm-1; muIs32* |
|  |  | 4B | P*rgef-1*DLK-1 (pBG-57) (2.5ng/µL PCR Product) | *muIs32* |
|  |  | 4B | P*rgef-1*DLK-1 (pBG-57) (2.5ng/µL PCR Product)  P*mec-7*PPM-2 (pBG-GY121) (5ng/µL) | *muIs32* |
|  |  | 4B | P*rgef-1*DLK-1 (pBG-57) (5ng/µL PCR Product);  P*mec-7*PPM-2 *D59N* (pBG-GY204) (5ng/µL) | *muIs32* |
|  |  | 4B | P*rgef-1*MKK-4 (pBG-GY310) (5ng/µL PCR Product) | *muIs32* |
|  |  | 4B | P*rgef-1*MKK-4 (pBG-GY310) (5ng/µL PCR Product);  P*mec-7*PPM-2 (pBG-GY204) (5ng/µL) | *muIs32* |
| XMN350 | *bggEx79* | 5A | P*rgef-1*FLAG::DLK-1 *K162R* (pBG-86) (10ng/µL PCR Product) | *dlk-1* |
| XMN352 | *bggEx81* | 5A | P*rgef-1*PPM-2::GFP *D59N* (pBG-GY313) (40ng/µL) | *ppm-2* |
| XMN429 | *bggEx96* | 5A | P*rgef-1*FLAG::DLK-1 *K162R* (pBG-86) (20ng/µL PCR Product)  P*rgef-1*PPM-2::GFP (pBG-GY312) (20ng/µL) | *dlk-1; ppm-2* |
| XMN430 | *bggEx97* | 5A | P*rgef-1*FLAG::DLK-1 *K162R* (pBG-86) (20ng/µL PCR Product)  P*rgef-1*PPM-2::GFP *D59N* (pBG-GY313) (40ng/µL) | *dlk-1; ppm-2* |
| XMN432 | *bggEx98* | 5B | P*rgef-1*FLAG::DLK-1 *K162R* (pBG-86) (20ng/µL PCR Product)  P*rgef-1*PPM-2::GFP *R185A* (pBG-GY377) (40ng/µL) | *dlk-1; ppm-2* |
| XMN538 | *bggEx104* | 5B | P*rgef-1*FLAG::DLK-1 *K162R* (pBG-86) (20ng/µL)  P*rgef-1*PPM-2::GFP (pBG-GY312) (20ng/µL) | *dlk-1; ppm-2* |
| XMN539 | *bggEx105* | 5B | P*mec-7*PPM-2::GFP *R185A* (pBG-GY377) (40ng/µL) | *ppm-2* |
| XMN423 | *bggEx89* | 5D | P*rgef-1*PPM-2::GFP (pBG-GY312) (5ng/µL) | *ppm-2* |
| XMN540 | *bggEx106* | 5D | P*rgef-1*PPM-2::GFP *D59N* (pBG-GY313)(5ng/µL) | *ppm-2* |
| XMN541 | *bggEx107* | 5E | P*rgef-1*PPM-2::GFP (pBG-GY312) (20ng/µL)  P*rgef-1*mCherry (pBG-GY371) (20ng/µL PCR Product) | *ppm-2* |
| XMN542 | *bggEx108* | 5E | P*rgef-1*PPM-2::GFP (pBG-GY312) (20ng/µL)  P*rgef-1*FLAG::DLK-1 *K162R* (pBG-86) (20ng/µL PCR Product) | *dlk-1; ppm-2* |
|  |  | 6A | P*rgef-1*DLK-1 (pBG-57) (2.5ng/µL PCR Product) | *muIs32* |
|  |  | 6A | P*rgef-1*DLK-1 (pBG-57) (2.5ng/µL PCR Product)  P*mec-7*PPM-2 (pBG-GY121) (5ng/µL) | *muIs32* |
|  |  | 6A | P*rgef-1*DLK-1 *S874E S878E* (pBG-144) (2.5ng/µL PCR Product) | *muIs32* |
|  |  | 6A | P*rgef-1*DLK-1 *S874E S878E* (pBG-144) (2.5ng/µL PCR Product)  P*mec-7*PPM-2 (pBG-GY121) (5ng/µL) | *muIs32* |
|  |  | 6A | P*rgef-1*DLK-1 *S874E* (pBG-158) (2.5ng/µL PCR Product) | *muIs32* |
|  |  | 6A | P*rgef-1*DLK-1 *S878E* (pBG-159) (2.5ng/µL PCR Product) | *muIs32* |
|  |  | 6A | P*rgef-1*DLK-1 *S874E* (pBG-158) (2.5ng/µL PCR Product)  P*mec-7*PPM-2 (pBG-GY121) (5ng/µL) | *muIs32* |
|  |  | 6A | P*rgef-1*DLK-1 *S878E* (pBG-159) (2.5ng/µL PCR Product)  P*mec-7*PPM-2 (pBG-GY121) (5ng/µL) | *muIs32* |
| XMN543 | *bggEx109* | 6B | P*rgef-1*FLAG::DLK-1L *K162R* (pBG-86) (20ng/µL PCR Product)  P*rgef-1*GFP::DLK-1S (pBG-GY477) (20ng/µL PCR Product) | N2 |
| XMN544 | *bggEx110* | 6B | P*rgef-1*FLAG::DLK-1L *K162R* (pBG-86) (20ng/µL PCR Product)  P*rgef-1*GFP::DLK-1S (pBG-GY477) (20ng/µL PCR Product) | *ppm-2* |
| XMN364 | *bggEx83* | 8A | P*unc-25*PPM-2::GFP (pBG-GY336) (10ng/µL) | *ppm-2* |
| XMN384 | *bggEx88* | 8B | P*unc-25*PPM-2::GFP (pBG-GY336) (10ng/µL)  P*unc-25*SNB-1::dsRed (pBG-59) (10ng/µL) | *ppm-2* |