**Supplementary File 2.** List of plasmids used in this work.

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| **Plasmid** | **Description** | **Source** |
| PSAB1120 | *gpa-4Δ6*p::*myr-gfp* | (Maurya et al., 2019) |
| PSAB595 | *str-1*p::*osm-6::gfp* | (Mukhopadhyay et al., 2007) |
| PSAB1015 | *str-1*p::*arl-13::tagrfp* | (Nechipurenko et al., 2016) |
| PSAB1147 | *str-1*p::*myr-tagrfp* | This work |
| PSAB1148 | *sra-6*p::*arl-13::tagrfp* | This work |
| PSAB1149 | *str-1*p::*tagRFP::tub-1(Q16A, R17A, K27A, R28A)* | This work |
| PSAB1150 | *srd-23*p::*gfp::ppk-1::SL2::mScarlet* | This work |
| PSAB1151 | *str-1*p::*dyn-1::gfp* | This work |
| PSAB1152 | *sra-9*p::*dpy-23::gfp* | This work |
| PSAB1153 | *sra-9*p::*dyn-1::gfp* | This work |
| PSAB1154 | *str-1*p::*dpy-23::gfp* | This work |
| PSAB1155 | *str-1*p::*tagrfp::tub-1* | This work |
| PSAB1156 | *sra-9*p::*myr-gfp* | This work |
| PSAB1157 | *str-1*p::*gfp::tulp1* | This work |
| PSAB1158 | *str-1*p::*gfp::tulp3* | This work |
| PSAB1159 | *str-1*p::*srbc-64::gfp* | This work |
| PSAB1160 | *str-1*p::*tagrfp* | This work |
| PSAB1161 | *str-1*p::*tagrfp::tub-1(aa1-164)* | This work |
| PSAB1162 | *str-1*p::*tagrfp::tub-1(K250A, R251A)* | This work |
| PSAB1163 | *str-1*p::*tagrfp::tub-1(aa165-426)* | This work |
| PSAB1164 | *str-1*p::*inpp-1a::gfp* | This work |
| PSAB1165 | *str-1*p::*myr-gfp* | This work |
| PSAB1166 | *srd-23*p::*gfp::tub-1::SL2::mScarlet* | This work |
| PSAB1167 | *srd-23*p::*gfp::PLCδ1-PH::SL2::mScarlet* | This work |
| PSAB1168 | *sra-9*p::*gfp::tub-1::SL2::mScarlet* | This work |
| PSAB1169 | *sra-9*p::*gfp*::*PLCδ1-PH::SL2::mScarlet* | This work |
| PSAB1170 | *sra-9*p::*mScarlet* | This work |
| PSAB1171 | *sra-9*p::*gfp::ppk-1* | This work |