

**Table S1**

EG4322	<i>Mos1(ttTi5605) II; unc-119(ed3) III</i>
EG5003	<i>unc-119(ed3) III; Mos1(cxTi10882) IV</i>
WM189	<i>avr-14(ad1302) I; Mos1(tTTi5605) II; unc-119 (ed3) III; glc-1(pk54::Tc1) avr-15(ad1051) V</i>
WM238	<i>neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; unc-119(ed3) III.</i>
WM239	<i>neSi9 [gfp::csr-1, cb-unc-119(+)] II; unc-119(ed3) III.</i>
WM240	<i>neSi10 [gfp::csr-1(RNAe), cb-unc-119(+)] IV; unc-119(ed3) III.</i>
WM241	<i>neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; unc-119(ed3) III.</i>
WM242	<i>neSi12 [cdk-1::gfp, cb-unc-119(+)] II; unc-119(ed3) III.</i>
WM269	<i>neSi13 [gfp::cdk-1, cb-unc-119(+)] II; prg-1(tm872) I; unc-119(ed3) III.</i>
WM243	<i>neSi14 [cdk-1::gfp(RNAe), cb-unc-119(+)] II; unc-119(ed3) III.</i>
WM247	<i>neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; hcp-6(mr17) I.</i>
WM248	<i>neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; hcp-6(mr17) I.</i>
WM249	<i>neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; rde-3(ne3370) I.</i>
WM250	<i>neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; rde-3(ne3370) I.</i>
WM251	<i>neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; rde-1(ne300) V.</i>
WM252	<i>neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; rde-1(ne300) V.</i>
WM253	<i>neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; mes-3(bn35) dpy-5(e61) I / hT2 [bli-4(e937) let-?(q782) qIs48] (I; III)</i>
WM254	<i>neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; mes-3(bn35) dpy-5(e61) I / hT2 [bli-4(e937) let-?(q782) qIs48] (I; III) .</i>
WM255	<i>neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; dpy-11(e224) mes-4(bn23) unc-76(e911)V/hT1[unc-?(n754) let-?](IV;V).</i>

- WM256 *neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; dpy-11(e224) mes-4(bn23) unc-76(e911)V/nT1[unc-?(n754) let-?](IV;V).*
- WM257 *neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; unc-32 mut-7(ne4255)III.*
- WM258 *neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; unc-32 mut-7(ne4255)III.*
- WM259 *neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; hpl-1(tm16224) X.*
- WM260 *neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; hpl-1(tm16224) X.*
- WM261 *neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; hpl-2 (tm1489) III; hpl-1(tm16224) X.*
- WM262 *neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; hpl-2 (tm1489) III; hpl-1(tm16224) X.*
- WM263 *neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; hpl-2 (tm1489) III.*
- WM264 *neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; hpl-2 (tm1489) III.*
- WM265 *neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; wago-1(tm1414) I.*
- WM266 *neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; wago-1(tm1414) I.*
- WM246 *neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; nrde-3(tm1116) X.*
- WM244 *neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; wago-9(tm1200) dpy-17(e164) III.*
- WM245 *neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; wago-9(tm1200) dpy-17(e164) III.*
- WM267 *neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; wago-1(tm1414) I; wago-9(tm1200) dpy-17(e164) III.*
- WM268 *neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; wago-9(tm1200) dpy-17(e164) III; wago-10(tm1186) V.*
- WM270 *neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; unc-24(e138) tels1[oma-1::gfp, unc-119(+)] IV.*
- WM271 *neSi11 [gfp::cdk-1(RNAe), cb-unc-119(+)] II; unc-24(e138) tels1[oma-1::gfp, unc-119(+)] IV.*

- WM272 *neSi11[gfp::cdk-1 (RNAe), cb-unc-119(+)] II; nels2[worm-1::gfp, rol-6(su1006)]*
- WM273 *neSi14[cdk-1::gfp(RNAe), cb-unc-119(+)] II; nels2[worm-1::gfp, rol-6(su1006)]*
- WM274 *neSi8 [gfp::csr-1(RNAe), cb-unc-119(+)] II; met-1(n4337) I/hT2[bli-4(e937) let-?(q782) q/s48] (I;III); met-2(n4256) III/hT2[bli-4(e937) let-?(q782) q/s48] (I;III)*