**Strains used in this study:**

**JD21** *cca-1(ad1650)*

**FQ226** *cca-1(n5209)*

**FQ46** *egl-6(n529) cca-1(n5209)*

**MT1222** *egl-6(n592)*

**MT1082** *egl-1(n487)*

**MT1443** *egl-10(n692)*

**MT2248** *egl-47(n1081)*

**MT16698** *goa-1(n1134); egl-6(n592)*

**FQ37** *flp-10(n4543) flp-17(n4894); egl-6(n592)*

**FQ232** *egl-6(n592) cca-1(ad1650)*

**FQ604** *wzEx125[Promcca-1(3kb)::GFP]*

**FQ666** *egl-10(n692); cca-1(n5209)*

**FQ707** *egl-47(n1081); cca-1(n5209)*

**FQ757** *lin-39(n709); egl-6(n592) cca-1(n5209); wzEx125[Promcca-1(3kb)::GFP]* **FQ810** *egl-1(n487); cca-1(n5209)*

**FQ862** *egl-6(n592) cca-1(n5209); wzEx125[Promcca-1(3kb)::GFP]*

**FQ863** *goa-1(n1134); egl-6(n592) cca-1(n5209)*

**FQ892** *flp-10(n4543) flp-17(n4894); egl-6(n592) cca-1(n5209)*

**FQ992** *wzEx227[Promegl-6a::GCaMP6f Promunc-122::mCherry]*

**FQ1078** *cca-1(n5209); wzEx227[Promegl-6a::GCaMP6f Promunc-122::mCherry]*

**FQ1079** *egl-6(n592); wzEx227[Promegl-6a::GCaMP6f Promunc-122::mCherry]*

**FQ1081** *egl-6(n592) cca-1(n5209); wzEx227[Promegl-6a::GCaMP6f Promunc-122:mCherry]*

**FQ1194** *lin-15AB(n765); wzEx335[Promceh-24::GCaMP6f; lin-15(+)]*

**FQ1201** *lin-15AB(n765) egl-6(n592); wzEx335[Promceh-24::GCaMP6f; lin-15(+)]* **FQ1202** *lin-15AB(n765) cca-1(n5209); wzEx335[Promceh-24::GCaMP6f; lin-15(+)]*

**FQ1203** *lin-15AB(n765) egl-6(n592) cca-1(n5209); wzEx335[Promceh-24::GCaMP6f; lin-15(+)]*

**FQ1267** *wzEx343[Promcca-1::GFP; Promflp-17::mStrawberry]*

**FQ1348** *wzEx355[Promcca-1::GFP; Promegl-6a::mStrawberry]*

**FQ1357** *egl-6(n592) cca-1(n5209); wzEx360[Promceh-24::cca-1 RNAi*]

**FQ1364** *egl-6(n592) cca-1(n5209); wzEx367[Promcca-1(3kb)::cca-1 RNAi*]

**FQ1447** *lin-39(n709); wzEx355[Promcca-1::GFP; Promegl-6a::mStrawberry]*

**FQ1468** *egl-6(n592) cca-1(n5209); wzEx402[Promegl-6a::cca-1 RNAi; Promflp-17::mStrawberry ]*

**FQ1649** *wzEx402[Promegl-6a::cca-1 RNAi; Promflp-17::mStrawberry]*

**FQ1650** *wzEx402[Promegl-6a::cca-1 RNAi; Promflp-17::mStrawberry]*