**Unknown Plasmids 072017**

AG17-AG20: labeled ras-3 Gcamp 1

* 1F aligns with rab-3 promoter on chromosome II
* 1R aligns with gpd-3 promoter on X chromosome
* 2F has lox2272, loxP, and GtACR2
* 2R has GtACR2, inv mCherry, lox2272, loxP

AG21-AG24: labeled ras-3 Gcamp 2

* 1F and 1R rxn and repeat rxn didn’t work
* 2F has lox 2272, loxP, GtACR2
* 2R GtACR2, inv mCherry, lox2272, loxP

AG65-AG68: labeled C (clear tube)

* 1F and 1R align with trx-1 promoter on chromosome II
* 2F has SL2, some parts homologous with GFP; has homology with some parts of ReaCHR SL2 GFP pSF191; has homology with some parts of inv GtACR2 inv GFP
* 2R has mCherry

AG69-AG72: labeled e (lowercase, clear tube)

* 1F and 1R are promoter for srh-220
* 2R and 2F don’t align with any pSMs

AG77-AG80: labeled F (clear tube)

* 1R and 1F are promoter sequences for che-2 on X chromosome
* 2R and 2F align with NLSGC 6S, but not sure if NLS sequence can be assumed

AG81-AG84: labeled G (clear tube)

* 1F aligns with rab-3 promoter on chromosome II
* 1R aligns with gpd-3 promoter on X chromosome
* ORF has mCherry in it, but full 2F/2R flanking sequences don’t align well with any pSMs
* 2F aligns in blast with a his-gated chloride channel

AG93-AG96: labeled K (clear tube)

* 1F and 1R are promoter sequence for rimb-1 promoter on chromosome III
* 2F has Sl2, loxP and GtACR2
* 2R has SL2 and GFP

AG97-AG100: labeled M (clear tube)

* 1F and 1R are srh-11 promoter on X chromosome
* 2F aligns in blast with a his-gated chloride channel
* 2R has SL2 and mCherry

AG101-AG104: labeled N (clear tube)

* 1F aligns with rimb-1 on chromosome III
* 1R aligns with gpd-3 on X chromosome
* 2F has lox2272, loxP, GtACR2
* 2R has inv mCherry, lox 2272, loxP