

**Table S5. Chimeric Sqt containing region 2 of the Cyc pro-domain has reduced *gsc*-inducing activity compared with Sqt**

Construct	Dose (pg)	<i>n</i>	I (%)	II (%)	III (%)	IV (%)
Cyc+	0.5	92	59	41		
Sqt <sup>proCyc2</sup> :Sqt	0.5	94	53	47		
Sqt+	0.5	85	8	85	7	
Cyc+	5	92	16	70	14	
Sqt <sup>proCyc2</sup> :Sqt	5	92	18	68	14	
Sqt+	5	83		16	34	50
Cyc+	25	90		5	40	55
Sqt <sup>proCyc2</sup> :Sqt	25	94		18	54	28
Sqt+	25	89			7	93

Zebrafish embryos injected with *cyc*, *sqt* or *sqt<sup>proCyc2</sup>:sqt* mRNA at the one-cell stage were divided into four categories based on the expression pattern of *gsc*: endogenous *gsc* expression (I), mild (II) or massive (III and IV) expansion of the *gsc* expression domains. The dose of injected mRNA (pg), the total number of embryos examined (*n*) and the percentage of embryos (%) in each class are indicated.