

**Table S3. Deletions in the Cyc pro-domain affect its potency to induce *gsc***

RNA injected at the one-cell stage	Dose (pg)	<i>n</i>	I (%)	II (%)	III (%)	IV (%)
Cyc+	1.25	114	30	50	20	
CycΔ 1	1.25	107	20	45	35	
CycΔ 2	1.25	125		15	45	40
CycΔ 3	1.25	116	70	30		
CycΔ 4	1.25	104	100			
CycΔ 5	1.25	98	72	28		
CycΔ 6	1.25	122	40	60		
CycΔ 7	1.25	108		90	10	
CycΔ 8	1.25	123	18	70	12	
CycΔ 9	1.25	108		65	35	
CycΔ 10	1.25	96	70	30		
CycΔ 11	1.25	94	50	45	5	
CycΔ 12	1.25	106	48	52		

Zebrafish embryos injected with various deletion versions of Cyc 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 category are indicated.