

Table S1. PP2A:B56 ϵ blocks secondary axis induced by β -catenin and Xtcf3-VP16, but not by siamois and Xtwin

mRNA injected	Axis duplication(%)	Normal axis(%)	<i>n</i>
β -catenin (250pg)	69	31	74
β -catenin (250pg)+PP2A:B56 ϵ (100pg)	4	96	50
Xtcf3-VP16 (0.5pg)	93	7	68
Xtcf3-Vp16 (0.5pg)+PP2A:B56 ϵ (100pg)	6	94	63
Siamois (10pg)	48	52	85
Siamois (10pg)+PP2A:B56 ϵ (100pg)	49	40	78
Xtwin (5pg)	97	3	71
Xtwin (5pg)+PP2A:B56 ϵ (100pg)	96	4	85

β -catenin, Xtcf3-VP16, siamois and Xtwin induce secondary axis if the respective mRNAs are injected ventrally at the four-cell stage. PP2A:B56 ϵ (100pg) inhibits secondary axis induced by β -catenin and Xtcf3-VP16, but not by siamois and Xtwin [as reported by (Ratcliffe et al., 2000) and similar to overexpression of P2A:B56 α (Li et al., 2001)].