

**Table S3. Quantification of the effect of inhibiting Hedgehog signaling at different developmental stages**

Condition	Stage of CyA addition	vmhc cells per heart field	n
Control		44±6	33
+ CyA	Dome to 30% epiboly	*16±6	40
+ CyA	Germ ring	*19±6	46
+ CyA	Tail bud	*28±5	28
+ CyA	3 somites	*30±5	20
+ CyA	6 somites	*38±7	18
+ CyA	10 somites	42±9	18

Values represent the average number of *vmhc*-expressing cells per heart field at the 18-somite stage ( $\pm$ s.d.). Asterisks indicate statistically significant changes from control (unpaired *t*-test,  $P<0.004$ ).

