

Table S1. Rescue of explant elongation by *gly4ΔC* in activin-treated *Xenopus* animal cap explants overexpressing *dscr5*

Construct injected	Elongated (%)	Rounded (%)	Total
Uninjected/activin	77%	23	119
<i>dscr5</i> /activin	21	79	113
<i>dscr5/gly4ΔC</i> /activin	67	33	120

Table S2. The effect of *dscr5* overexpression in *Xenopus* whole embryos is rescued by coexpression of *gly4ΔC*

Construct injected	Normal (%)	Bent axis (%)	Total
Uninjected	95	5	135
<i>dscr5</i>	33	67	116
<i>dscr5/gly4ΔC</i>	73	27	154