

Table S1. Summary of specimens analyzed

Analysis	Specimen*	Chondrocytes [†]	Figure	<i>n</i> (cells)	# Humeri	# Embryos
Metaphase	WT	P	2H	53	8	4
	WT	R	2H	39	8	4
Telophase	WT	P	2F	79	8	4
	WT	R	2F	58	6	3
	WT	PH	2F	31	12	6
	WT E6	P	2F	66	8	4
	WT2	P	3B	59	8	4
	GFP	P	S1	62	4	4
	Fzd7	P	3B	57	5	5
	Fzd7 ^{-C}	R	3B	64	5	5
	Fzd7 ^{-C}	P	3B	49	4	4
	dnLef1	P	5I	79	5	5
	Dkk	P	5I	42	3	3
	daCamKII	P	5I	35	6	6
	Vangl1	P	6D	46	4	4
	Vangl2	P	6D	105	7	7
	Vangl2 ^{-C}	P	6D	41	3	3
	dnRock2 ^{-N}	P	6D	65	4	4
Mosaic	WT	P	3D	168	4	4
	Fzd7 ^{-C}	P	3D	255	5	5
	D2	P	3D	141	4	4
	D2KM	P	3D	131	4	4
	Vangl2	P	6E	220	5	5

*WT, wild type; WT2, second set of WT data; WT E6, WT from E6 embryo.

[†]R, resting chondrocytes; P, proliferative chondrocytes; PH, prehypertrophic chondrocytes.