



Figure S9. Effects of Wif1 and chimeric Wif1:Shf proteins on Hh-GFP levels

Constructs were expressed in *shf* nulls (*shf^{α33}*). The image in the upper panel shows areas sampled for the measurements, and the chart shows the GFP intensities in arbitrary units. Values obtained for the Posterior-Ventral quadrant (P-V) were normalized, and expressed as the percentage of signal intensity compared to the Anterior Ventral quadrant (A-V) where the Hh-GFP signal is at background levels. Graph shows averaged values and error bars show standard deviation. Differences of statistical significance were determined using the two-tailed Mann-Whitney U Test. In *shf* discs, Hh-GFP diffusion into the ventral compartment was significantly enhanced (asterisks) by Wif1 ($p=0.023$) or WIF^{Wif1}-EGF^{Shf} ($p<0.001$), but not significantly enhanced by WIF^{Shf}-EGF^{Wif1} ($p=0.153$).