



Supplementary Figure 1 Vesicle instantaneous speed vs. size scatter plot comparison. These images show average vesicle speed and size for each vesicle tracked, in both skeletogenic mesodermal (A) and ectodermal (B) regions. A trendline fit is shown for each region, in orange for control and in blue for VEGFR inhibition. In both regions and in all experimental condition Pearson's $R^2 < 0.013$, showing no correlation between vesicle size and velocity.