Fig. S1. Mobility patterns of YFP-C10H-Ras in epidermal cells of the zebrafish embryos at different developmental stages. (A) Fraction size of the fast-diffusing population ($\alpha$), plotted against the time lag. (B) Mean squared displacements plotted against the time lag for the fast-diffusing fraction ($r_1^2$). (C) Mean squared displacements plotted against the time lag for the slow-diffusing fraction ($r_2^2$). Results of the fits are summarized in Table 1. To establish the values of dynamic parameters, 3 different embryos were imaged on each of the 3 different experimental days at 48-, 56-, 72-, and 80-hour post fertilization. Each datapoint is presented in the form of a mean $\pm$ s.e.m., and the 95% c.i. of the mathematical fit is shown. Shapiro-Wilk statistical test was performed to check for normality of the data set. Statistical analysis was performed using a one-way ANOVA (P-value P($\alpha$, $r_1^2$, $r_2^2$) > 0.05 at a $t_{lag}$ of 25 ms) with a Tukey’s range post-hoc test.