



Figure 8- figure supplement 1: Overexpression of Elkin1-L210F does not rescue the partitioning phenotype in chimeric spheroids.

Representative images of chimeric spheroids formed from equal numbers of unlabelled WM266-4 Elkin1-KO cells and Elkin1-KO cells stably expressing either *hsElkin1-iso3* (A, B) or *hsElkin1-iso3-L210F* (C, D). Cells expressing either Elkin1 variant also co-expressed GFP (coloured green in figure). At $t = 0$ h post-implantation (A, C) cells had not yet partitioned. At $t = 48$ h post implantation (B, D) the cells expressing *hsElkin1-iso3* were more likely to be found in the core, whereas cells expressing *hsElkin1-L210F* were distributed throughout the spheroid. Similar observations were made in 6 spheroids (*hsElkin1-iso3*) and 9 spheroids (*hsElkin1-iso3-L210F*) over two independent experiments. Scale bars 100 μm .