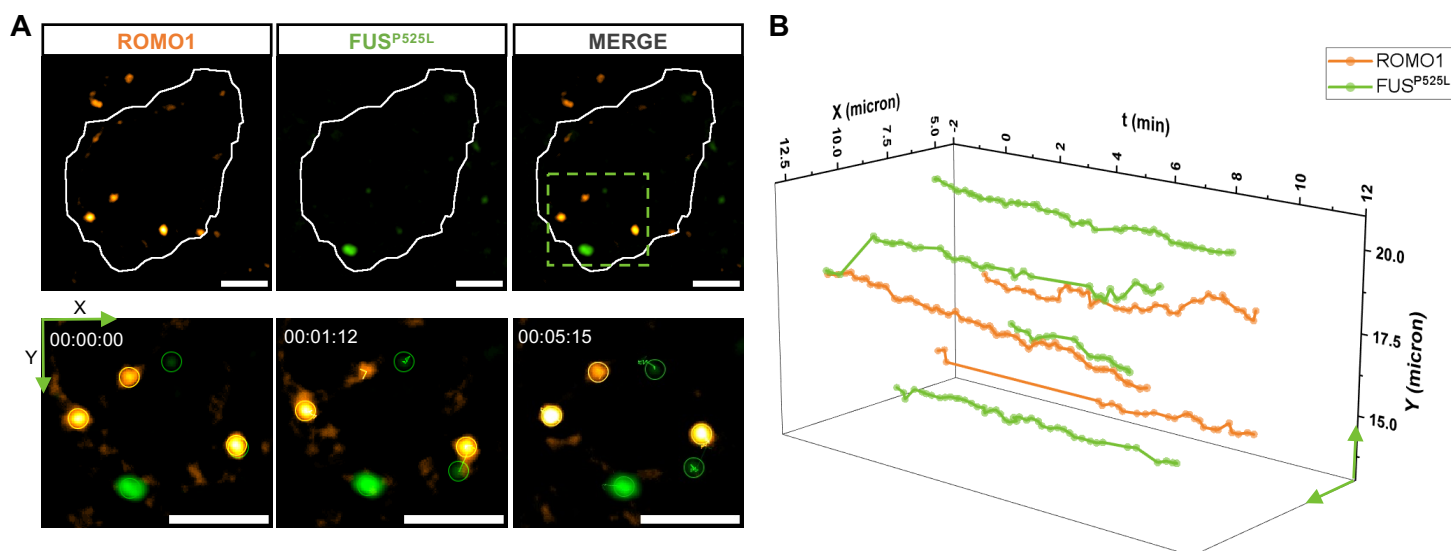




Supplementary Fig 3 - Pepper does not determine spurious interactions with FUS^{P525L} aggregates in living mammalian cells.

A Representative HEK 293T cell expressing both ROMO1 mRNA labelled with HBC620 (orange) and GFP-FUS^{P525L} (green). Lower panel shows a magnification view of the green dotted box of some ROMO1 and FUS^{P525L} particles over time (duration 10 min; interval ~11sec). Spots and tracks detected with TrackMate Plug-in on Fiji-ImageJ are overlaid respectively as orange (ROMO1) and green (FUS^{P525L}) circles and lines. All scale bars correspond to 5 μ m.

B Single particle tracking of ROMO1 and FUS^{P525L} particles shown in panel A over time. The plot indicates ROMO1 (orange) and FUS^{P525L} (green) xy-coordinates (micron) as a function of time (min).