**Fig S2** Over-expression or inhibition of mIL24 in the conditioned mediums influences the migratory behavior of mKer

(A) Representative cell trajectories of p120\(^{L/L}\) (grey) and p120\(^{Δ/Δ}\) mKer (red) grown under low calcium conditions. (B) Quantification of length, speed and wound closure of p120\(^{L/L}\) and p120\(^{Δ/Δ}\) mKer grown under low calcium conditions. n=4, each 50 cell tracks. (C) Brightfield images of p120\(^{L/L}\) and p120\(^{Δ/Δ}\) mKer during cell migration using the Oris fibronectin coated assay, and quantification of the percentage of wound closure. (D) Immunofluorescence of E-cadherin (green) in p120\(^{L/L}\) mKer and p120\(^{L/L}\) mKer treated with the CM of p120\(^{Δ/Δ}\) mKer. Scale bar, 25µm. (E) Schematic representation of the experimental procedure. CM of p120\(^{L/L}\) or p120\(^{L/L}\)-mIL24 mKer was collected and added to a confluent scratch monolayer of p120\(^{L/L}\) mKer. Quantification of the length and speed of migrating cells at the leading edge, and the area of wound closure for p120\(^{L/L}\) mKer incubated with p120\(^{L/L}\) CM, or for p120\(^{L/L}\) mKer incubated with p120\(^{L/L}\)-mIL24 CM. n=4, each 50 cell tracks. (F) Representative cell trajectories of p120\(^{Δ/Δ}\) mKer treated with CM of p120\(^{L/L}\) (red) or p120\(^{L/L}\)-mIL24 (green) and quantification of the length and speed of migrating cells at the leading edge. Results are expressed as mean ±S.E.M *P<0.05, **P<0.01, ***P<0.001, ****P<0.0001. In all cases, the endpoint of each track is denoted with a circle.