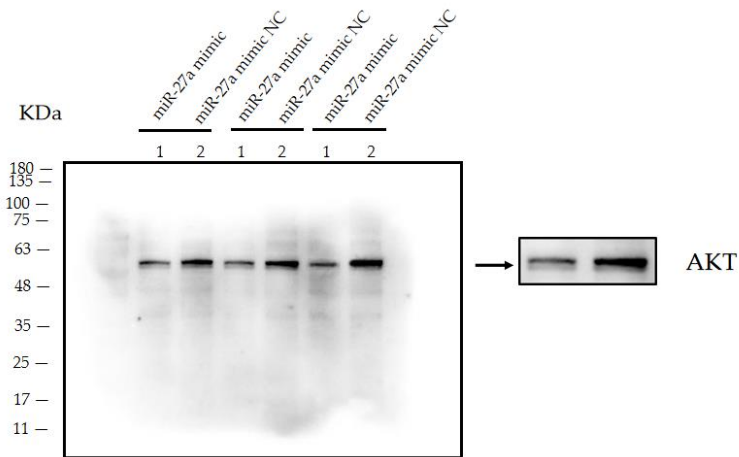
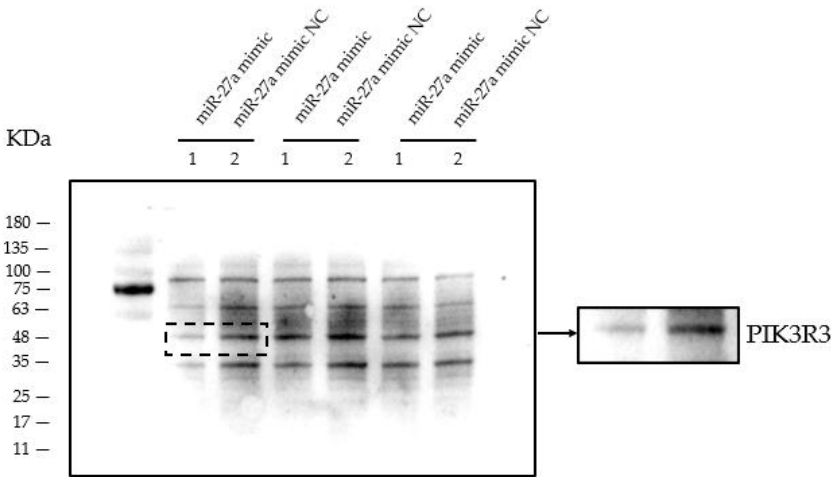
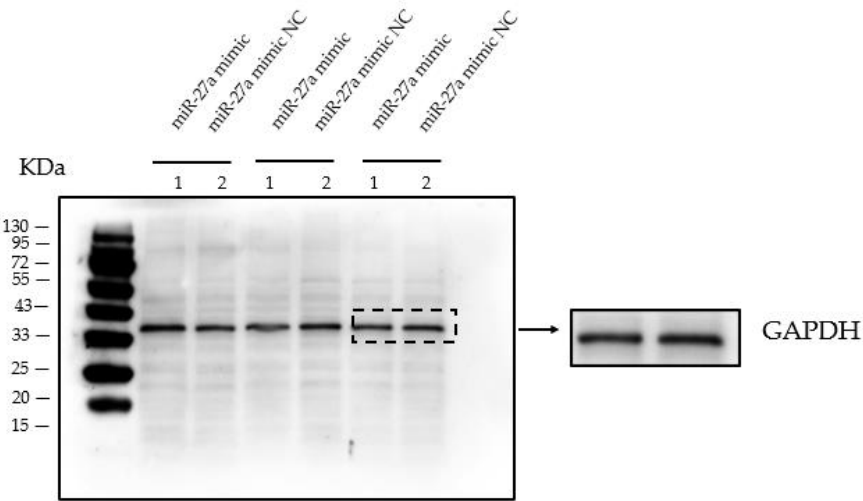


Figure S1. Expression changes of GAPDH, PIK3R3, AKT, p-AKT, MTOR and p-MTOR

proteins with si-PIK3R3 or a negative control (NC) construct in HFSCs.



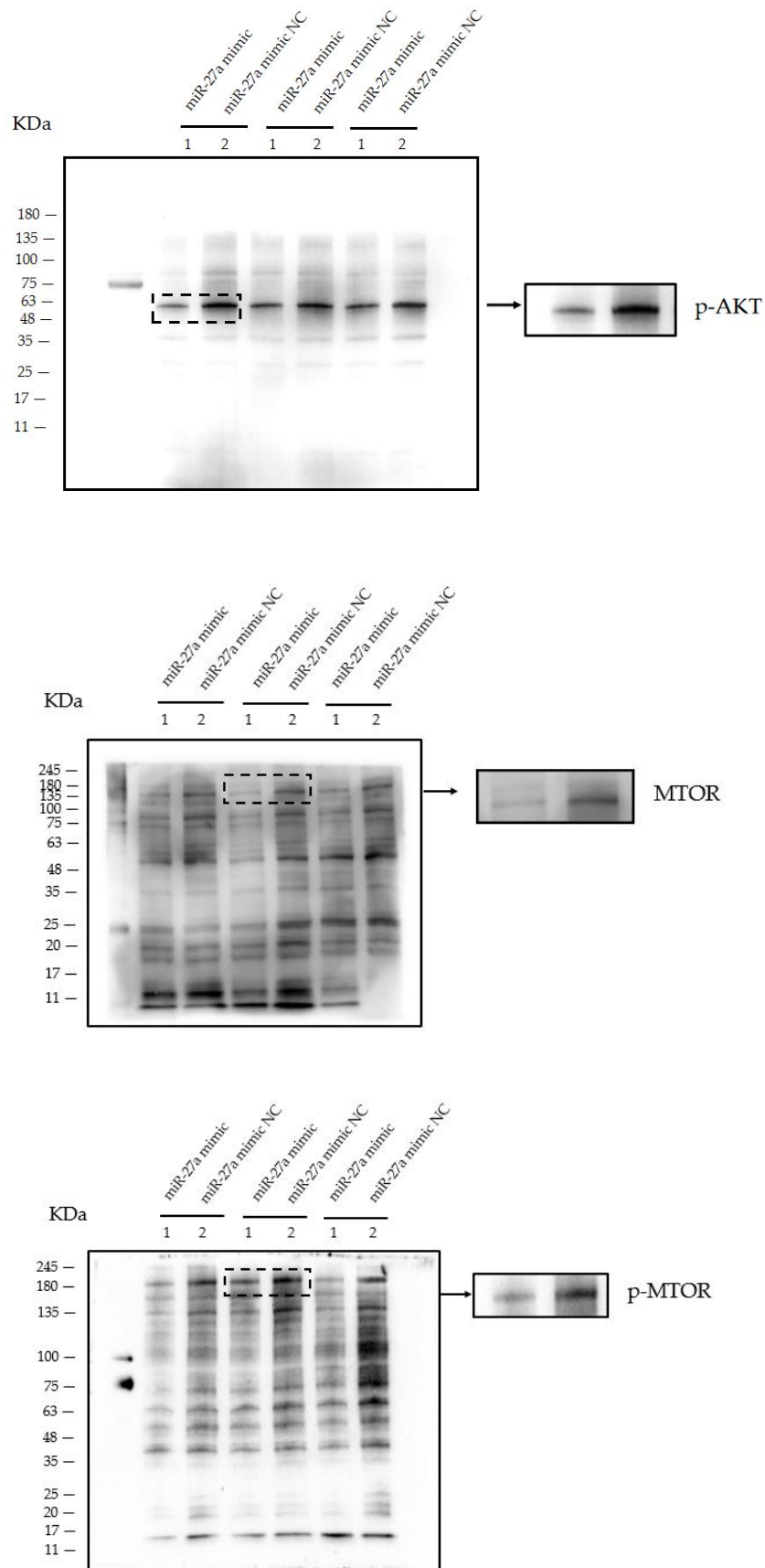
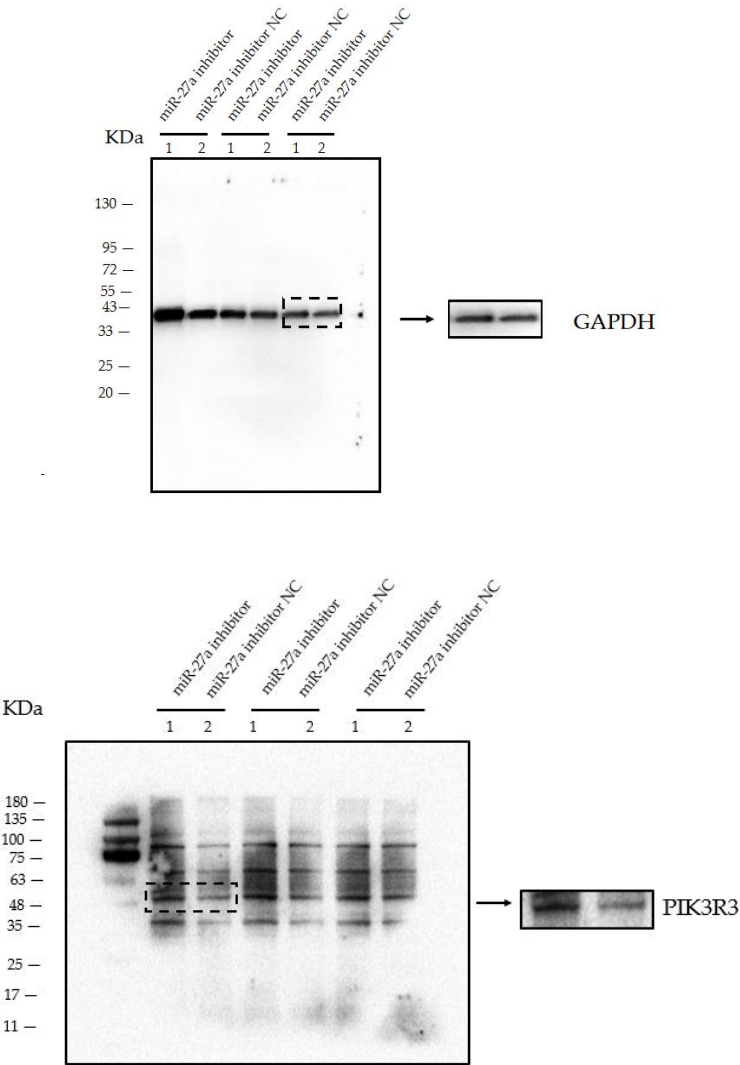
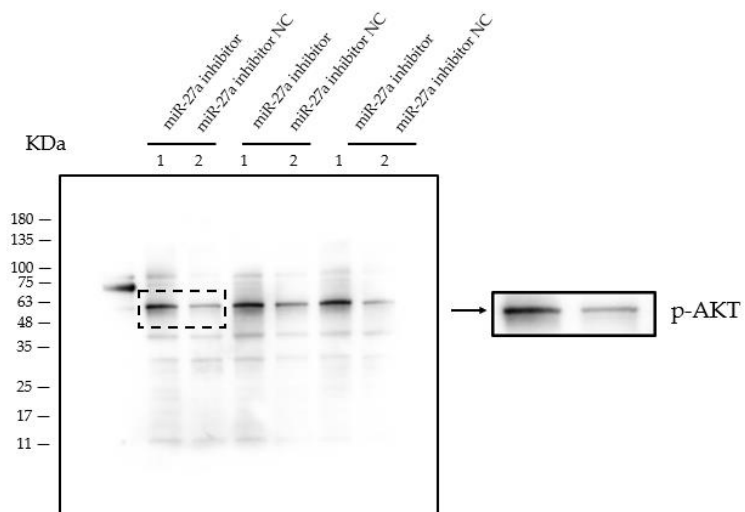
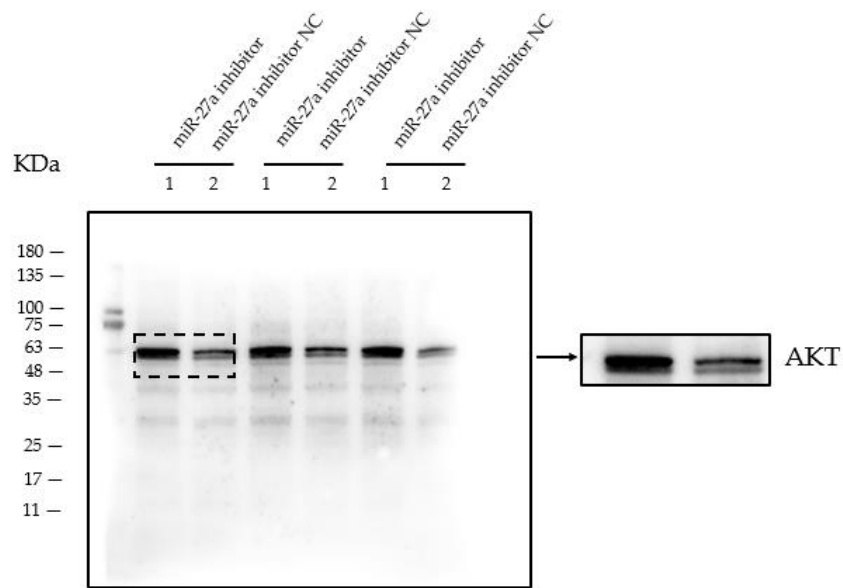


Figure S2. Expression changes of GAPDH, PIK3R3, AKT, p-AKT, MTOR and p-MTOR

proteins with a miR-27a mimic or a negative control (NC) in HFSCs.





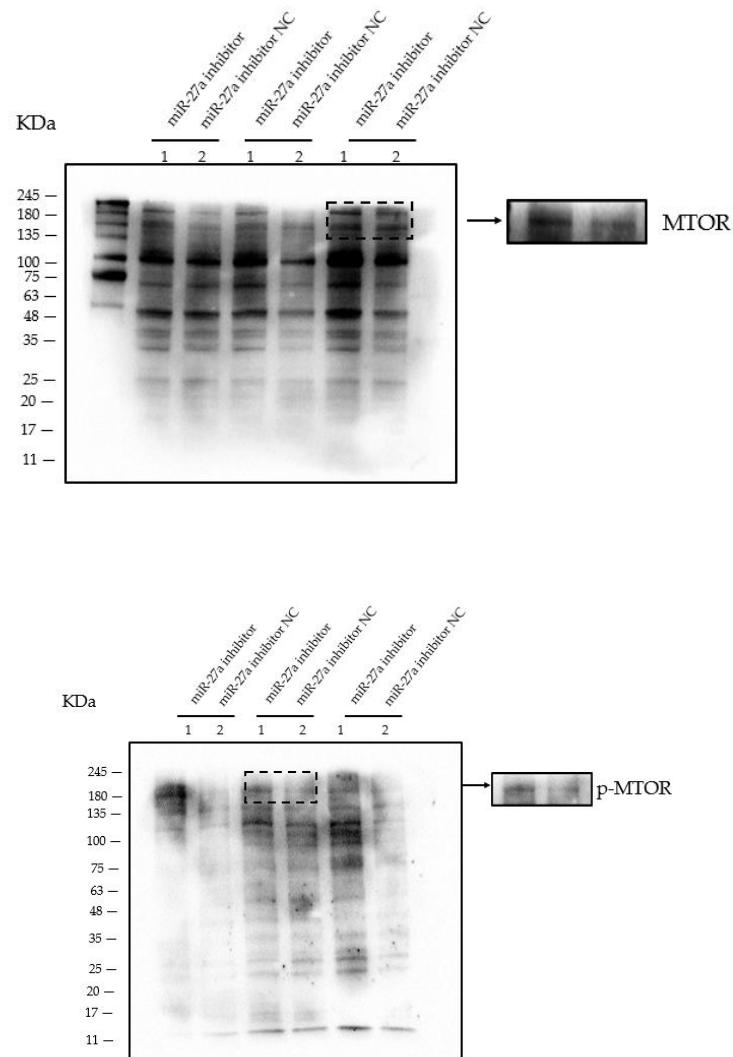


Figure S3. Expression changes of GAPDH, PIK3R3, AKT, p-AKT, MTOR and p-MTOR proteins with a miR-27a inhibitor or a negative control (NC) in HFSCs.