Figures S1

The diagram illustrates the interaction between Notch and Ang II signaling pathways in DASMC cells. Notch is located at the membrane, and its activation leads to the release of NICD. NICD then enters the nucleus and interacts with HES1, HES2, and HES5. This interaction leads to the activation of various signaling pathways, including Ca$^{2+}$, ROS, ERK/JNK, and AKT. The activated pathways result in proliferation and migration of DASMC cells.

Key Components:
- Notch
- NICD
- Membrane
- DAPT
- Ang II
- α-secretase
- HES1, HES2, HES5
- Nucleus
- Cytoplasm
- Ca$^{2+}$, ROS, ERK/JNK, AKT
- DASMC
- Proliferation
- Migration