

1 SMAD9

Homo sapiens SMAD family member 9 (SMAD9), transcript variant b protein encoded by this gene is a member of the SMAD family, which transduces signals from TGF-beta family members. The encoded protein is activated by bone morphogenetic proteins and interacts with SMAD4. Two transcript variants encoding different isoforms have been found for this gene. Its function is a transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD9 is a receptor-regulated SMAD (R-SMAD).

The human annotated gene is in contrast to RAE only minor expressed and except of rae marburg which is equal expressed, all other samples (including RAE) are downregulated.





