ATM_DN.V1_DN, ATM_DN.V1_DN $oldsymbol{\mathsf{A}}_{oldsymbol{\mathsf{DN}}}oldsymbol{\mathsf{NV1}}_{oldsymbol{\mathsf{UP}}}oldsymbol{\longleftarrow}$ singh_kras_dependency_signature, singh_kras_dependency_signature,