HPV16 and HPV18 time–series chain graph: contrast ZMAT3 TSC2 TP73 ZMAT3 7P73 TP53AIP1 TP53AIP TP53 THBS1 STEAP3 SESN3 SESN3 SESNI SERPINE1 RFWD2 RCHY1 PTEN PPM1D PERP MDM4 MDM: MDM2 IGFB IGF GTSE1 IGFBP3 IGF1 GADD450 GADD45B GADD45G GADD45B GADD45A GADD45A FAS E124 DDB2 DDB₂ CYCS CHEK2 CHEK1 CHEKT CDKN2A CDKN1A CDK6 CDK4 CDK2 CD82 CCNG₂ CCND1 CCNB3 CCNB1 CASP9 BBC BBC3 BAX ATM ATM APAF1 APAF1 HPV16 HPV18