Gene signature: Trisomy12 **FMOD** CACNA1D **DMKN** RAPGEF5 STK32B chromosome trisomy 12 12 other ADAM29 expr VPS37B HIP1R SOCS3 HCK ARRDC4 EBF1 SNX22 DENND3 ITGB2-AS1 SMAD3 KCNQ1 cluster2 KLF3 NXPH4 **HBB** TUBB6 EML6 ITM2C BCL7A MYF6 **JCHAIN** ATF3 DIRAS1 SLC2A3