



Disease_Gene_Relationship_by_Phi_coefficient CDKN2A CA11 MSLN BRCA2 SMAD4 **GEM** ∕Cancer PRSS1 BICC1 MUC₂ CXCR1 MUC₆ MUC4 AGR3 SST KRJ17 ABCG8 KRT20 CAPNS1 KRT7 Bile duct cancer IDH1 **PBK** NCAM1 CA1 TPTE, GOLPH3 MRAE MUC5AC SEC23A BTC FXYD1 correlation PTPN4 IL1RN **AFP** 0.05 CDH1 Liver cancer Colorectal cancer SALL **FMNL**2 0.10 GKN1 Stomach cancer • MLH₁ **MET** 0.15 CCL₂0 CDH₁₇ GPĆ3 CA4 0.20 DLD FAF1 RUNX3 CTNNB1 MSH₂ DVL1 **VDR** HÒPX DĆC C2orf40 FSCN1 **CKS** TMPRSS11A YAP1 sophageal cancer PLCE1 CDCA3 NODAL MIR204 THSD4 LAPTM4B CKS1E RPA1 ALDH2 CASK ADH1B



