GAPDH, CK-19 and CD45 gene amplification plots on four bile samples and two controls

GAPDH: house-keeping gene glyceraldehyde-3-phosphate dehydrogenase
CK-19: cytokeratin 19, usually detected in biliary epithelium
CD45: pan-leucocyte marker, present on leucocytes and their haemopoietic progenitors

Abbreviations:
BTC = biliary tract cancer; PSC = primary sclerosing cholangitis (1: patient 1; 2: patient 2); TFK-1 = BTC cell line; PBMC = peripheral blood mononuclear cell