(digital PCR) OR (dPCR)

	NCT Number	Title	Authors	Description	Identifier	Dates
1	pubmed:36123616	Translation of a tissue epigenetic signature to circulating free DNA suggests BCAT1 as a potential noninvasive diagnostic biomarker for lung cancer	Cora Palanca-Ballester David Hervas Maria Villalba Teresa Valdes-Sanchez Diana Garcia Maria Isabel Alcoriza-Balaguer Marta Benet Raquel Martinez-Tomas Andres Briones-Gomez Jose Galbis-Caravajal Alfonso Calvo Oscar Juan Agustin Lahoz Enrique Cases Juan Sandoval	Lung cancer patients are diagnosed at late stages when curative treatments are no longer possible; thus, molecular biomarkers for noninvasive detection are urgently needed. In this sense, we previously identified and validated an epigenetic 4-gene signature that yielded a high diagnostic performance in tissue and invasive pulmonary fluids. We analyzed DNA methylation levels using the ultrasensitive digital droplet PCR in noninvasive samples in a cohort of 83 patients. We demonstrated that BCAT1...	pmid:36123616 doi:10.1186/s13148-022-01334-3	Mon, 19 Sep 2022 06:00:00 -0400