

9 pools of 10 colorectal cancer samples collected prior to diagnosis

9 pools of 10 matched healthy controls

Acrylamide labeling and mixing of cases and matched controls into 9 pools

LC-MS/MS analyses on 9 different pools of 10 pre-diagnostic samples and matched controls

ELISA assays on candidate proteins in 58 newly diagnosed samples and matched controls

Panel building based on linear regression analysis

Panel validation in 32 independent pre-diagnostic samples and matched controls