

Supplementary 1: Characteristics of the five patients with a carcinoma detected

	Case 1	Case 2	Case 3	Case 4	Case 5
Age, gender	61, male	49, female	54, male	55, male	63, female
Type pathogenic gene variant	MSH2	MLH1	MSH2	MLH1	MSH2
Surveillance interval in months	12	12	14	12	13
Neoplasia detected during previous colonoscopy	No	No	Yes	No	No
History of colorectal cancer	No	No	Yes	Yes	Yes
Tumour size in mm	6	26	10	35	15
Tumour location	Ascending	Caecum	Hepatic flexure	Hepatic flexure	Ascending
Tumour morphology	Flat elevated	Flat	Flat elevated	Flat elevated	Flat elevated
Tumour stage	I	I	I	III	I