

**Supplementary Table 4. Sensitivity and specificity of miRNA markers**

miRNA	AUC value*	Cut-off value, copies/ng RNA	Normal (n=101)		Adenoma (n=42)		P value†
			Number of positive tests	Specificity, % (95% CI)	Number of positive tests	Sensitivity, % (95% CI)	
miR-18a	0.7266	3450	10	90.10% (82.54% to 95.15%)	4	9.524% (2.656% to 22.62%)	0.7558
miR-20a	0.7930	35500	19	81.19% (72.19% to 88.28%)	13	30.95% (17.62% to 47.09%)	0.1267
miR-221	0.7761	92	23	77.23% (67.82% to 84.98%)	18	42.86% (27.72% to 59.04%)	0.0410

\*AUC values were generated based on comparing normal group and colorectal cancer (CRC) group

†p Values were analysed by Fisher's exact test as compared with normal group