

SystematicName	Fold dif. IBD-Dys vs IBD	p-value IBD-Dys vs IBD	Fold dif. IBD-Ca vs IBD	p-value IBD-Ca vs IBD	Dysregulation
hsa-miR-31	5.85	0.0001	7.22	0.0037	up in IBD-neoplasia
hsa-miR-31*	5.94	<0.0001	6.40	0.0028	up in IBD-neoplasia
hsa-miR-552	6.31	0.0085	6.26	0.0036	up in IBD-neoplasia
hsa-miR-135b	2.88	0.0254	6.05	0.0002	up in IBD-neoplasia
hsa-miR-200a	5.03	0.0102	4.06	0.0196	up in IBD-neoplasia
hsa-miR-96	2.93	0.0125	3.52	0.0135	up in IBD-neoplasia
hsa-miR-200b*	4.60	0.0074	2.90	0.0453	up in IBD-neoplasia
hsa-miR-424*	2.09	0.0407	2.02	0.0080	up in IBD-neoplasia
hsa-miR-892b	3.63	0.0002	6.09	<0.0001	down in IBD-neoplasia
hsa-miR-139-5p	3.09	0.0033	3.50	0.0096	down in IBD-neoplasia
hsa-miR-501-5p	2.25	0.0014	2.81	0.0001	down in IBD-neoplasia
hsa-miR-146b-5p	2.48	0.0016	2.18	0.0139	down in IBD-neoplasia

Supplementary Table 3. miR species dysregulated in both IBD-Dysplasia vs. IBD and IBD-Cancer vs. IBD