Supplemental Data 1. List of miRNAs analyzed by the miRNA arrays.

Name
mir16
mir93
mir98
mir130a
mir129-2*
mir323
mir181a
mir124a
mir191
mir324-5p
mir30b
mir335
mir213
mir140*
mir330
mir342
mir130b
mir351
mir344
mir339
mir326
mir103
mir324-3p
mir349
mir218
mir338
mir19b
mir138
let-7d*
mir128
mir329
mir347
mir322
mir345
mir328
mir221
mir351
mir9
mir99a
mir125b
mir127

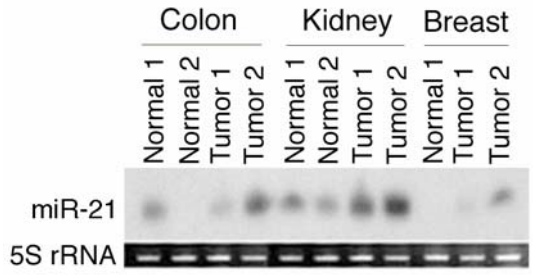
mir9*
mir132
let-7b
let-7d
let-7i
mir15a
mir15b
mir18
mir20
mir21
mir22
mir29a
mir30c
mir30d
mir17-5p
mir100
mir149
mir301
mir325
mir327
mir331
mir332
mir333
mir334
mir336
mir337
mir148b
mir340
mir341
mir343
mir346
mir256
mir20*
mir350
mir7*
mir352
let-7g
mir151*
mir23b
mir24
mir26a
mir27a
mir29b
mir30a-5p

mir30a-3p
mir101
mir122a
mir125a
mir126
mir129
mir133
mir134
mir135a
mir136
mir137
mir139
mir140
mir141
mir142-5p
mir142-3p
mir143
mir153
mir154
mir155
mir182
mir184
mir185
mir186
mir196a
mir197
mir198
mir199a
mir204
mir92
mir106b
mir34a
mir183
mir224
mir186
mir30d
mir10b
mir34a
mir187
mir192
mir203
mir205
mir210
mir214

mir217
mir222
mir321
mir1
mir206
mir7
mir17-5p
mir17-3p
mir25
mir28
mir32
mir33
mir34b
mir96
mir99b
mir107
mir122a
mir138
mir144
mir145
mir146
mir150
mir151
mir188
mir190
mir193
mir194
mir195
mir200b
mir201
mir202
mir207
mir208
mir212
mir216
mir219
mir223
mir290
mir291-5p
mir291-3p
mir292-5p
mir292-3p
mir293
mir294

mir295
mir296
mir297
mir298
mir299
mir300
mir302
mir320

Supplemental Data 2. miRNA differentially expressed between GBM and normal brain tissues by miRNA arrays. Median Fold Change over the experiments with p-value threshold = 0.05 (z-test) is indicated. Maximal p-value of the pairwise comparisons, in which the change is significant is presented.

Name	Fold Change	p-value
miR-21	8.64	0.0489
miR-138	6.32	0.0409
miR-347	6.05	0.00818
miR-291-5'	4.11	0.0208
miR-135	2.64	0.00458
miR-198	0.52	0.0269
miR-188	0.51	0.0146
miR-202	0.38	0.0191

Supplemental Data 3. Northern blot analysis of miR-21expression in colon, kidney and breast tumors and in corresponding non-neoplastic human control tissues. 5S rRNA was detected by ethidium bromide staining of the gels prior to transfer to verify equal loading of total RNA.