



Supplementary Figure 1. Gene Expression Analysis of miR-192 and BCL2 in gene expression datasets.

(A) Gene expression of miR-192 (probe PSR11022915.hg.1), in MDS patients (MDS) and healthy subjects (HD). Data were obtained from the [GSE107400](#) dataset. The blue line indicates the mean amount of miR-192 gene expression. The gene up-regulation in MDS is statistically significant. ** $p < 0.01$ vs HD. **(B)** Gene expression of BCL2 (probe 207005_s_at), in MDS patients (MDS) and healthy subjects (HD). Data were obtained from the [GSE19429](#) dataset. The blue line indicates the mean amount of BCL2 gene expression. The gene up-regulation in MDS is statistically significant. ** $p < 0.01$ vs HD. **(C)** Gene expression of BCL2 (probe 207005_s_at), in MDS patients (MDS) and healthy subjects (HD). Data were obtained from the [GSE4619](#) dataset. The blue line indicates the mean amount of BCL2 gene expression. The gene up-regulation in MDS is statistically significant. * $p < 0.05$ vs HD. **(D)** Gene expression of miR-192-5p in our patients' cohort (MDS) as compared with our group of healthy subjects (HD). The blue line indicates the mean amount of miR-192-5p gene expression. The gene up-regulation in MDS is statistically significant. * $p < 0.05$ vs HD. **(E)** Gene expression of BCL2 in our patients' cohort (MDS) as compared with our group of healthy subjects (HD). The blue line indicates the mean amount of BCL2 gene expression. The gene up-regulation in MDS is statistically significant. * $p < 0.05$ vs HD.