

**Supplementary Table S1.** The list of differentially expressed miRNAs in severe SAID group compared to mild FMF patients.

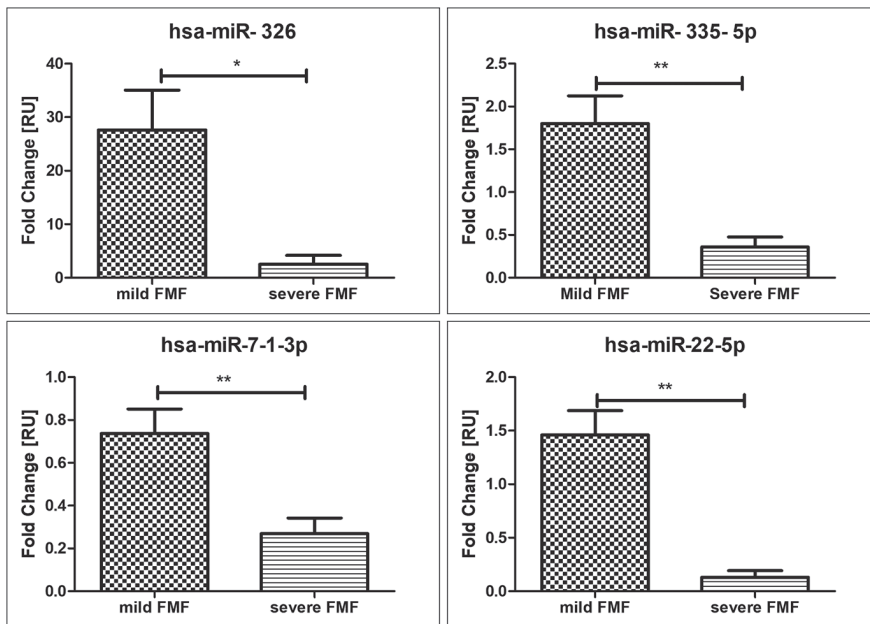
hsa-let-7d-3p	hsa-miR-195-5p	hsa-miR-3184-3p	hsa-miR-548a-3p
hsa-let-7f-5p	hsa-miR-197-3p	hsa-miR-329-3p	hsa-miR-548ac
hsa-miR-125a-5p	hsa-miR-21-5p	hsa-miR-335-5p	hsa-miR-550b-3p
hsa-miR-1263	hsa-miR-215-5p	hsa-miR-3609	hsa-miR-575
hsa-miR-1270	hsa-miR-22-5p	hsa-miR-374b-5p	hsa-miR-671-5p
hsa-miR-130b-5p	hsa-miR-25-5p	hsa-miR-4482-3p	hsa-miR-6723-5p
hsa-miR-144-5p	hsa-miR-26b-3p	hsa-miR-4529-3p	hsa-miR-6747-3p
hsa-miR-148a-3p	hsa-miR-29b-3p	hsa-miR-454-3p	hsa-miR-7-1-3p
hsa-miR-186-5p	hsa-miR-29c-3p	hsa-miR-4659a-3p	hsa-miR-7-5p
hsa-miR-1910-5p	hsa-miR-30e-3p	hsa-miR-495-3p	hsa-miR-942-5p

**Supplementary Table S2.** The list of differentially expressed miRNAs associated with the top five inflammatory pathways.

miRNAs	Pathways
hsa-miR-1263, hsa-miR-1270, hsa-miR-130b-5p, hsa-miR-148a-3p, hsa-miR-186-5p, hsa-miR-195-5p, hsa-miR-197-3p, hsa-miR-21-5p, hsa-miR-22-5p, hsa-miR-25-5p, hsa-miR-26b-3p, hsa-miR-29b-3p, hsa-miR-29c-3p, hsa-miR-30e-3p, hsa-miR-329-3p, hsa-miR-335-5p, hsa-miR-374b-5p, hsa-miR-548a-3p, hsa-miR-548ac, hsa-miR-7-1-3p, hsa-miR-7-5p	interleukin signalling pathway, inflammation induced by chemokine and cytokine signalling pathway, toll receptor signalling pathway, apoptosis signalling pathway, TGF-beta signalling pathway

**Supplementary Table S3.** The list of differentially expressed miRNAs and fold changes in both severe FMF group compared to mild FMF patients and severe patients compared to mild patients.

	Severe FMF vs. Mild FMF	Severe SAIDs vs. Mild FMF
miR-29b-3p,	- 2,30	- 2,57
miR-29c-3p,	- 27,11	- 30,54
miR-30e-3p,	- 5,82	- 11,09
miR-130b-3p,	- 5,44	- 5,44
miR-148a-3p,	- 2,81	- 4,53
miR-186-5p,	- 4,35	- 6,05
miR-197-3p,	- 1,81	- 2,79
miR-374b-5p	- 4,43	- 6,09



**Supplementary Fig. S1.** qRT-PCR validation of 4 differentially expressed miRNAs changes in severe FMF group compared to mild FMF patients. The relative expression of validated miRNAs was shown and their expression normalised to RNU48 snRNA, by using the  $2^{-\Delta\Delta CT}$  method. Statistical significance was determined using the Student-t-test, \* $p < 0.5$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$ .