

Supplementary Material

# Circulating microRNAs Correlate with Multiple Myeloma and Skeletal Osteolytic Lesions

Sara Reis Moura, Hugo Abreu, Carla Cunha, Cláudia Ribeiro-Machado, Carla Oliveira, Mario Adolfo Barbosa, Herlander Marques and Maria Inês Almeida

**Table S1.** Receiver Operating Characteristic (ROC) curve analysis for circulating miR-16-5p, miR-20a-5p and miR-21-5p, or their combination (miRNA panel), when analyzing MM patients versus healthy controls.

	Healthy vs. MM							
	AUC	SD	<i>p</i> -value	CI 95 %		Cut-off (Youden's index)	Sensitivity (%)	Specificity (%)
				Lower	Upper			
<b>miR-16-5p</b>	0.665	0.061	0.011	0.5458	0.7843	4.417	78.72	51.43
<b>miR-20a-5p</b>	0.707	0.057	0.001	0.5961	0.8179	0.01145	36.17	97.14
<b>miR-21-5p</b>	0.654	0.060	0.018	0.5365	0.7717	0.002328	57.45	71.43
<b>miRNA panel</b>	0.825	0.047	<0.0001	0.7333	0.9166	0.5434	78.72	80.00

MM—Multiple Myeloma; AUC—Area Under the Curve; SD—Standard deviation; CI—Confidence Interval

**Table S2.** Statistical differences in miRNA levels between multiple myeloma patients with and without bone lesions. Statistically significant differences are highlighted in bold (Mann–Whitney test, \*  $p < 0.05$ ).

miRNA	<i>p</i> -value
miR-16-5p	0.3412
miR-20a-5p	0.6433
miR-21-5p	0.7188
miR-29a-3p	0.7970
miR-29b-3p	0.3901
<b>miR-29c-3p</b>	<b>0.0448 *</b>
miR-93-5p	0.5202
miR-99a-5p	0.3283
miR-146a-5p	0.1426
miR-195-5p	0.6069