

Article

MiR-155-5p and MiR-203a-3p are Prognostic Factors in Soft Tissue Sarcoma

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Supplementary

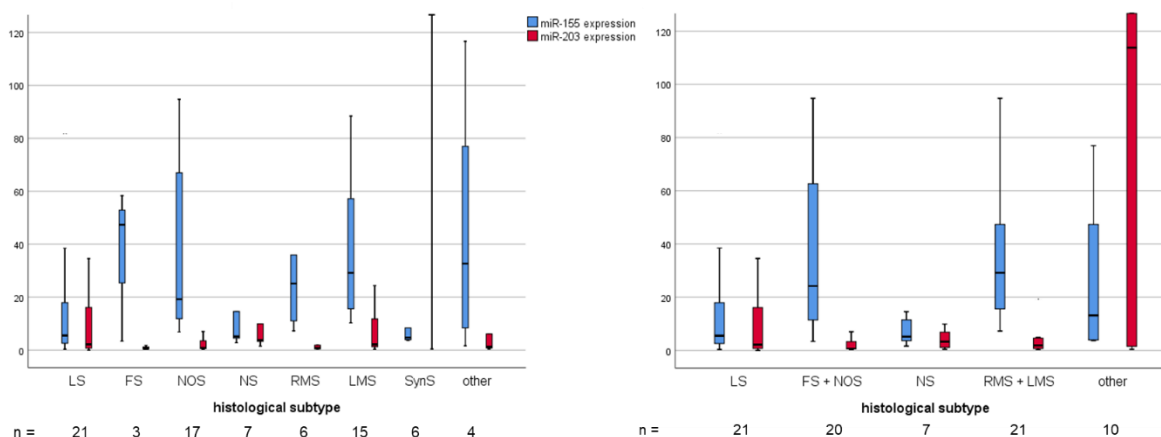


Figure S1. The distribution of miR-155 expression and miR-203 in relation to the histological subtype. (a) Unprocessed and (b) clustered histological subtypes of the analyzed STS patients cohort were analyzed. MiR-155 expression was significantly correlated with the histological subtype ($p = 0.01$, Kruskal-Wallis test).

Table S1. Univariate and multivariate Cox regression survival analyses of the impact of miR-155 and miR-203 on soft tissue sarcoma patient survival in different histological subtypes. Multivariate Cox regression analyses adjusted for tumor stage, resection type and tumor localization. RR = relative risk with 95% confidence interval in brackets.

Parameters	Univariate Cox regression analysis			Multivariate Cox regression analysis			
	<i>n</i>	<i>p</i>	RR	<i>n</i>	<i>p</i>	RR	
miR-155 low	17		Reference	17		Reference	liposarcoma (<i>n</i> = 21)
miR-155 high	4	0.449	1.89 [0.36–9.8]	4	0.543	N/A	
miR-203 low	7	0.339	2.1 [0.46–9.61]	7		Reference	
miR-203 high	14		Reference	14	0.311	N/A	
miR-155 low + miR-203 high	10	N/A	N/A	10	N/A	N/A	
miR-155 high + miR-203 low	0		Reference	0		Reference	
miR-155 low	7		Reference	7		Reference	fibrosarcoma + MFH (<i>n</i> = 20)
miR-155 high	13	0.298	2.04 [0.54–7.46]	13	0.675	1.37 [0.31–6.02]	
miR-203 low	11	0.653	1.33 [0.39–4.54]	11	0.912	1.12 [0.76–8.03]	
miR-203 high	9		Reference	9		Reference	
miR-155 low + miR-203 high	4		Reference	4		Reference	
miR-155 high + miR-203 low	8	0.486	1.53 [0.46–5.03]	8	0.614	1.486 [0.32–6.93]	
miR-155 low	9	0.44	1.52 [0.53–4.36]	9	0.016	13.2 [1.6–106.9]	rhabdo- leiomyosarcoma (<i>n</i> = 21)
miR-155 high	12		Reference	12		Reference	
miR-203 low	7	0.1	2.45 [0.84–7.15]	7	0.028	7.16 [1.23–41.6]	
miR-203 high	14		Reference	14		Reference	
miR-155 low + miR-203 high	5		Reference	5		Reference	
miR-155 high + miR-203 low	3	0.54	1.52 [0.21–4.9]	3	0.43	3.0 [0.19–47.3]	