

Supplementary materials for

High frequency of alternative splicing variants of the oncogene *focal adhesive*

***kinase* in neuroendocrine tumors of pancreas and breast**

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Supplementary Table 1. The demographic characteristics of the 45 pNENs

Characteristics	Total, n (%)	Splicing variants	Ratio (%)	P values
Total	45 (100)	34	75.6	
Gender				
Male	26 (57.8)	18; 2 <i>FAK⁶/FAK⁷</i> , 16 <i>FAK^{6,7}</i>	69.2	0.309
Female	19 (42.2)	16; 4 <i>FAK⁶/FAK⁷</i> , 12 <i>FAK^{6,7}</i>	84.2	
Age				
<65	37 (82.2)	27; 5 <i>FAK⁶/FAK⁷</i> , 22 <i>FAK^{6,7}</i>	73.0	0.657
≥65	8 (17.8)	7; 1 <i>FAK⁶/FAK⁷</i> , 6 <i>FAK^{6,7}</i>	87.5	
Smoking				
Smoker	8 (17.8)	7; 1 <i>FAK⁶/FAK⁷</i> , 6 <i>FAK^{6,7}</i>	87.5	0.656
Non-smoker	35 (77.8)	26; 5 <i>FAK⁶/FAK⁷</i> , 21 <i>FAK^{6,7}</i>	74.3	
n.d.	2(4.4)	1; 1 <i>FAK^{6,7}</i>	50.0	
TNM stage				
I-II	28 (62.2)	22; 5 <i>FAK⁶/FAK⁷</i> , 17 <i>FAK^{6,7}</i>	78.6	>0.999
III-IV	8 (17.8)	6; 1 <i>FAK⁶/FAK⁷</i> , 5 <i>FAK^{6,7}</i>	75.0	
n.d.	9 (20)	6; 6 <i>FAK^{6,7}</i>	66.7	
Differentiation				
Well differentiated (PanNET)	37 (82.2)	30; 5 <i>FAK⁶/FAK⁷</i> , 25 <i>FAK^{6,7}</i>	81.1	0.085
Poorly differentiated (PanNEC)	8 (17.8)	4; 1 <i>FAK⁶/FAK⁷</i> , 3 <i>FAK^{6,7}</i>	50.0	

PanNET, pancreatic neuroendocrine tumor; PanNEC, pancreatic neuroendocrine carcinoma; n.d.: not determined

Supplementary Table 2. The demographic characteristics of the 40 SPNs

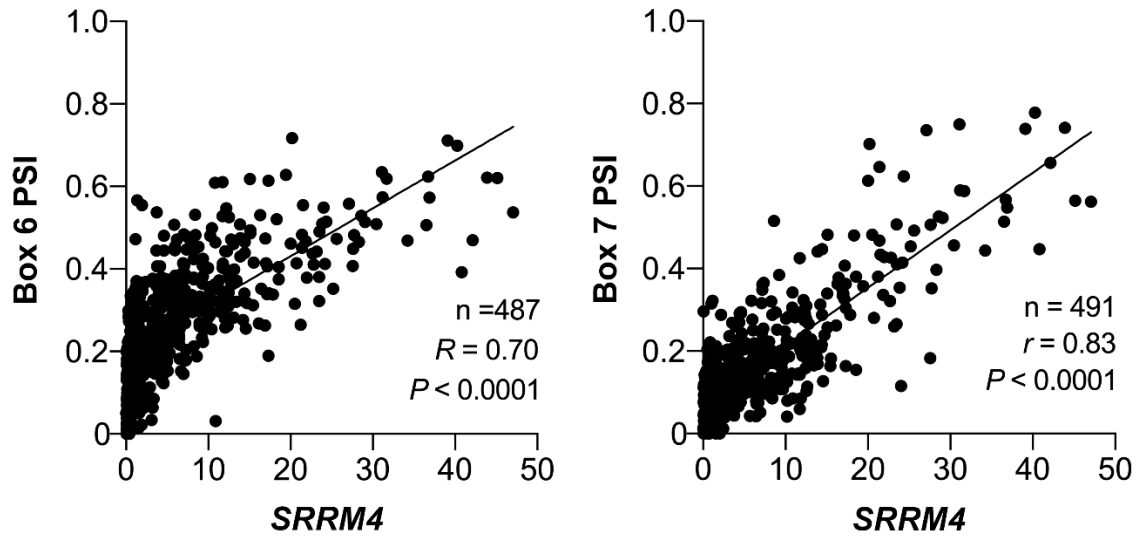
Characteristics	Total, n (%)	Splicing variant	Ratio (%)	P values
Total	40 (100)	19	47.5	
Gender				
Male	7 (17.5)	3; 1 <i>FAK⁶/FAK⁷</i> , 2 <i>FAK^{6,7}</i>	42.9	>0.999
Female	33 (82.5)	16; 15 <i>FAK⁶/FAK⁷</i> , 1 <i>FAK^{6,7}</i>	48.5	
Age				
<65	39 (97.5)	19; 16 <i>FAK⁶/FAK⁷</i> , 3 <i>FAK^{6,7}</i>	48.7	>0.999
≥65	1 (2.5)		0	
Smoking				
Smoker	1 (2.5)	1; 1 <i>FAK⁶/FAK⁷</i>	100.0	0.462
Non-smoker	38 (95.0)	17; 14 <i>FAK⁶/FAK⁷</i> , 3 <i>FAK^{6,7}</i>	44.7	
n.d.	1 (2.5)	1; 1 <i>FAK⁶/FAK⁷</i>	100.0	
TNM stage				
I-II	35 (87.5)	17; 15 <i>FAK⁶/FAK⁷</i> , 2 <i>FAK^{6,7}</i>	48.6	
III-IV				
n.d.	5 (12.5)	2; 1 <i>FAK⁶/FAK⁷</i> , 1 <i>FAK^{6,7}</i>	40.0	

n.d.: not determined.

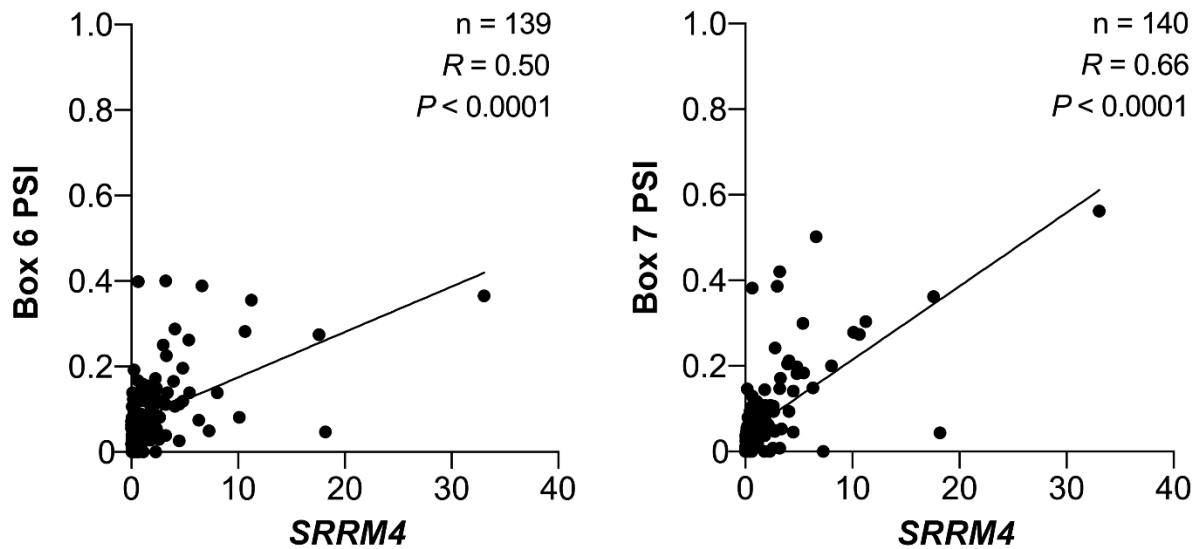
Supplementary Table 3. The demographic characteristics of the 69 PDACs

Characteristics	Total, n (%)	Splicing variants	Ratio (%)	P values
Total	69 (100)	2	2.9	
Gender				
Male	36 (52.2)	1; 1 <i>FAK⁶/FAK⁷</i>	2.8	>0.999
Female	32 (46.4)	1; 1 <i>FAK^{6,7}</i>	3.1	
n.d.	1 (1.4)			
Age				
<65	52 (75.4)	2; 1 <i>FAK⁶/FAK⁷</i> , 1 <i>FAK^{6,7}</i>	3.8	>0.999
≥65	17 (24.6)			
Smoking				
Smoker	3 (4.3)			
Non-smoker	10 (14.5)	2; 1 <i>FAK⁶/FAK⁷</i> , 1 <i>FAK^{6,7}</i>	20.0	
n.d.	56 (81.2)			
TNM stage				
I-II	11 (15.9)	1; 1 <i>FAK⁶/FAK⁷</i>	9.1	
III-IV	1 (1.4)			
n.d.	57 (82.6)	1; 1 <i>FAK^{6,7}</i>	1.8	

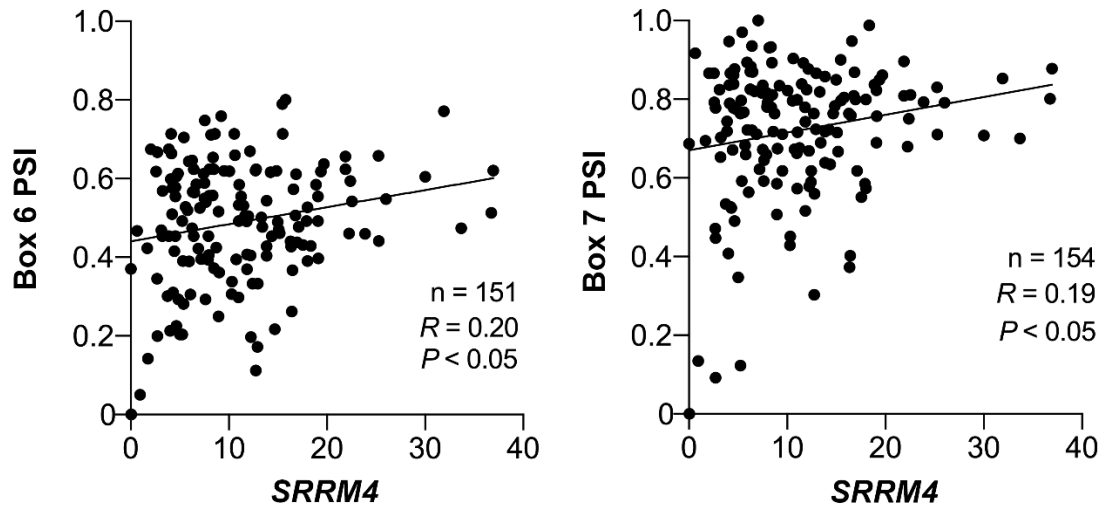
n.d.: not determined.



Supplementary Figure 1. The association between *SRRM4* expression levels and Box 6/7-containing *FAK* splicing variants (expressed as PSI values) in TCGA low-grade glioma cohort.



Supplementary Figure 2. The association between *SRRM4* expression levels and Box 6/7-containing *FAK* splicing variants (expressed as PSI values) in TCGA glioblastoma multiforme cohort.



Supplementary Figure 3. The association between SRRM4 expression levels and Box 6/7-containing *FAK* splicing variants (expressed as PSI values) in TCGA pheochromocytoma and paraganglioma cohort.