

**Supplementary Material to “Increased expression levels of Syntaxin 1A and Synaptobrevin 2/Vesicle-Associated Membrane Protein-2 are associated with the progression of bladder cancer”**

**Table S2** - Mann-Whitney test for VAMP2 and STX1A analysis in low and high grade tumors.

Gene	Sample	Grade	N	Min	Q1	Median	Q3	Max	U	Z	p-Value
VAMP2	Control	LG	9	0.0017	0.0205	0.4401	0.7259	5.8934	61.0000	-1.0030	0.3159
		HG	18	0.0014	0.1561	0.6285	1.5460	2.9921		0	
	Tumor	LG	9	0.2156	0.2509	0.2960	0.5202	3.5573	16.0000	-3.3175	<b>0.0009*</b>
		HG	18	1.1286	1.4110	2.6252	3.5141	4.2701			
		LG	8	0.1698	0.4572	0.7858	1.7316	1.9603	75.0000	0.3787	0.7049
		HG	17	0.0036	0.3714	0.7159	1.5450	3.5396			
STX1A	Control	LG	8	0.1698	0.4572	0.7858	1.7316	1.9603	75.0000	0.3787	0.7049
		HG	17	0.0036	0.3714	0.7159	1.5450	3.5396			
	Tumor	LG	8	1.1893	1.6221	1.9467	3.9375	4.2067	2.0000	-3.8157	<b>0.0001*</b>
		HG	17	3.8966	5.1424	8.6602	10.2916	14.9647			

\*At the 0.05 level, the two distributions are significantly different.