HLA-E and its soluble form as indicators of a sex-specific immune response in patients with Oral Squamous Cell Carcinoma

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Table S1: Descriptive statistics on age distribution of tumor group of the ELISA collective

Characteristics	N	Minimum	Maximum	Mean	SD
Age	29	48	93	65.79	12.219

Table S2: Descriptive statistics on age distribution of control group of the ELISA collective

Characteristics	N	Minimum	Maximum	Mean	SD
Age	41	20	86	59	15.1

Table S3: Kolmogorov-Smirnov and Shapiro-Wilk-test of normal distribution of ELISA group

	Kolmogorov-Smirnov			Shapiro-Wilk		
	Statistics	Df	Significance	Statistics	Df	Significance
sHLA-E-OD	0.12	74	0.020	0.923	74	<0.001

Table S4: Spearman´s correlation of the clinicopathological parameters sex, age, N-classification and UICC-Stage with sHLA-E levels of the ELISA collective

Characteristics	Spearman´s Rho	p-value
Sex	0.357	0.045*
Age	0.202	0.294
T-classification	0.068	0.711
N-classification	-0.115	0.546
UICC-Stage	0.031	0.869

Abbreviations: UICC= Union Internationale Contre le Cancer, *= p-value < 0.05

Table S5: Mann-Whitney-U-Test. Compares mean ranks of sHLA-E-levels of the tumor group between male and female patients

Factor	Groups compared	N	Mean Rank	Mann-Whitney-U	W	p-value (exact)
sHLA-E concentration	Men OSCC	18	13.64	177.5	282.5	0.049*
	Women OSCC	14	20.18			

*= p-value < 0.05

Table S6: Mann-Whitney-U-Test. Compares mean ranks of sHLA-E-levels of the control group between male and female patients

Factor	Groups compared	N	Mean Rank	Mann-Whitney-U	W	p-value (exact)
sHLA-E concentration	Men Control group	22	22.48	198.5	408.5	0.587
	Women Tumor group	20	20.43			

Table S7: Mann-Whitney-U-Test. Compares mean ranks of sHLA-E-levels of the tumor group and the control group

Factor	Groups compared	N	Mean Rank	Mann-Whitney-U	W	p-value (exact)
sHLA-E concentration	Tumor group	32	30.91	461	989	0.021*
	Control group	42	40.52			

*= p-value < 0.05

Table S8: Mann-Whitney-U-Test. Compares mean sHLA-E-levels of males of tumor group and males of control group

Factor	Groups compared	N	Mean Rank	Mann-Whitney-U	W	p-value (exact)
sHLA-E concentration	Men Tumor group	18	14.14	312.5	565.5	0.001*
	Men Control group	22	25.7			

*= p-value < 0.05

Table S9: Mann-Whitney-U-Test. Compares mean sHLA-E-levels of females of tumor group and males of control group

Factor	Groups compared	N	Mean Rank	Mann-Whitney-U	W	p-value (exact)
sHLA-E concentration	Women Tumor group	14	17.29	134	353	0.916
	Women Control group	20	17.65			