

**Table S8. QRT-PCR gene expression values in different patient groups in the validation cohort. These groups were compared by t-test**

Gene name	mean values					t-test p-values			
	Normal	HPV+ HNSCC	HPV- HNSCC	HNSCC samples	Normal vs HNSCC	Normal vs HPV- HNSCC	Normal vs HPV+ HNSCC	HPV+ vs HPV- HNSCC	
ZNF14	0.000895	0.007676	0.000363	0.002877	0.259254	<b>3.21E-05</b>	0.184195	0.155933	
ZNF71	0.002763	0.004603	0.008562	0.007201	<b>0.03605</b>	<b>0.004767</b>	0.100092	0.096148	
ZNF160	0.012099	0.012958	0.009221	0.010506	0.399782	0.181758	0.675446	0.311006	
ZNF420	0.001563	0.000724	0.000421	0.000525	<b>5.58E-08</b>	<b>6.72E-09</b>	<b>0.000432</b>	0.077166	
ZNF585B	0.00143	0.000567	0.000551	0.000557	<b>7.55E-08</b>	<b>7.73E-08</b>	<b>2.41E-05</b>	0.915036	

**Significant p-values are bolded**