

Table S1. Clinicopathological features of patients with NPC and non-cancerous nasopharyngeal epithelia

Patients features	Primary NPC	Primary/metastases NPC	Non-cancerous nasopharyngeal epithelia
Gender			
Male	203(72.2%)	19(79.2%)	32(62.7%)
Female	78(27.8%)	5(20.8%)	19(37.3%)
Age (yr)			
<50	146(52.0%)	15(62.5%)	31(60.8%)
≥50	135(48.0%)	9(37.5%)	20(39.2%)
Clinical T category			
T1	25(8.9%)		
T2	103(36.7%)		
T3	78(27.8%)		
T4	75(26.7%)		
Clinical N category			
N0	46(16.4%)		
N1	82(29.2%)		
N2	122(43.4%)		
N3	31(11.0%)		
Clinical M category			
M0	272(96.8%)		
M1	9(3.2%)		
Clinical stage			
I	2(0.7%)		
II	55(19.6%)		
III	131(46.6%)		
IV	93((33.1%)		
Histological type			
DNC	12(4.3%)		
UDNC	269(95.7%)		
LNM status			
LNM	235(83.6%)		
No LNM	46(16.4%)		
Survival situation			
Alive	210(74.7%)		
Dead	71(25.3%)		
EBV status			
EBER positive	279(99.28)	24(100)	1(1.96)
EBER negative	2(0.72)	0(0.0)	50(99.04)
Total Number	281	24	51

Abbreviations: NPC nasopharyngeal carcinoma; DNPC differentiated non-keratinizing nasopharyngeal carcinoma; UDNPC undifferentiated non-keratinizing nasopharyngeal carcinoma; LNM: lymph node metastasis; EBV: Epstein–Barr virus; EBER: Epstein–Barr virus encoded RNAs