

Table 1 Characteristics of included studies

Reference	Country	NPC				Diagnostic method	Source of control	Control				Genotype method	HWE
		Total	Propro	Argpro	ArgArg			Total	Propro	Argpro	ArgArg		
Yung 1997	China (Hong Kong)	20	3	11	6	Histological	HB	31	8	13	10	PCR-RFLP	0.380
Golovleva 1997	China	64	23	26	15	Histological	HB	99	23	46	30	PCR-RFLP	0.511
Tsai 2002	China (Taiwan)	50	16	14	20	Histological	HB	59	8	26	25	PCR-RFLP	0.765
Tiwawech 2003	Thailand	102	26	52	24	Histological	HB	148	28	70	50	PCR-RFLP	0.691
Sousa 2006	Portugal	107	13	32	62	Histological	PB	285	14	93	178	AS-RFLP	0.682
Hadhri-Guiga 2007	Tunisia	115	23	48	44	NA	HB	83	6	45	32	PCR-RFLP	0.065
Xiao 2010	China	522	135	270	117	Histological	HB	712	120	366	226	PCR-RFLP	0.170
Xie 2013	China	42	6	16	20	Histological	HB	31	6	13	12	PCR-RFLP	0.474
Zhang 2014	China	566	141	292	133	Histological	HB	477	118	229	130	PCR-RFLP	0.392

Note: NPC, nasopharyngeal carcinoma; HPV, human papillomavirus; NA, not available; HB, hospital-based; PB, population-based; HWE, Hardy Weinberg Equilibrium