

**Table 1:** Characteristics of the studies included in the present meta-analysis.

First author	Publication year	Country	Racial decent	Number of cases (M/F)	Number of controls (M/F)	Type of controls	Median (or mean) age, (range or SD)year (Cases/Controls)	Studied genes
Matsumoto <sup>28</sup>	1996	Japan	Japanese	52 (48/4)	244 (214/30)	Healthy alcoholics	48±11/51±11	RsaI/PstI
Chao <sup>25</sup>	1997	China	Chinese	48 (42/6)	119 (119/0)	Healthy alcoholics and non-drinker healthy volunteers	41.6±10.8/26.8±? *	RsaI/PstI
Maruyama <sup>33</sup>	1999	Japan	Japanese	54 (NM)	46 (NM)	Healthy alcoholics	NM	RsaI/PstI
Yang <sup>31</sup>	2001	England	Caucasian	57 (NM)	201 (NM)	Alcoholic controls and normal controls	NM	RsaI/PstI/DraI
Frenzer <sup>26</sup>	2002	Australia	Caucasian	71 (61/10)	257(166/91)	Healthy alcoholics and blood donors	53±NM/48±NM	RsaI/PstI/DraI
Verlaan <sup>29</sup>	2004	Dutch	Caucasian	82 (56/26)	221 (139/82)	Alcoholics controls and healthy subjects	50±9/45±? *	RsaI/PstI/DraI
Kim <sup>27</sup>	2004	Korea	Korean	29 (27/2)	100 (44/56)	Healthy blood donors	50.4±26.6/49.2±20.3	RsaI/PstI
Burim <sup>30</sup>	2004	Brazil	Brazilian	14 (NM)	262 (NM)	Healthy alcoholics and non-alcoholics controls	NM	RsaI/PstI
Cichoż-Lach <sup>22</sup>	2008	Poland	Polish	44 (8/36)	97 (22/75)	Healthy alcoholics and non-drinker healthy volunteers	45.00±9.44/ 47.05±?*	RsaI/PstI
Gubergriits <sup>32</sup>	2014	Russia	Russian	72	80	Healthy individuals	NM	RsaI/PstI
Singh <sup>6</sup>	2015	India	Indian	72 (72/0)	140 (100/40)	alcoholic control and healthy control	38.5±8.3/33.15±?*	DraI

M: male, F: female, \*: The standard deviation (SD) cannot be decided for controls included 2 separated groups, NM: not mentioned.