

Supplementary Table 1. Methodological quality of the included studies assessed according to Newcastle-Ottawa Scale.

Authors [ref]	Year	Is the case definition adequate?	Representativeness of the cases	Selection of Controls	Definition of Controls	Comparability of cases and controls	Ascertainment of exposure	Same method of ascertainment for cases and controls	Non-Response rate	Total
Horikawa et al. [14]	2008	*	*	-	*	**	*	*	-	8
Jazdzewski et al. (Finland) [11]	2008	*	*	*	*	-	*	-	*	6
Jazdzewski et al. (Poland) [11]	2008	*	*	*	*	-	*	-	*	6
Jazdzewski et al. (USA) [11]	2008	*	*	*	*	-	*	-	*	6
Xu et al. [15]	2008	*	*	-	*	**	*	*	*	8
Yang et al. [16]	2008	*	*	-	*	**	*	*	*	9
Hoffman et al. [18]	2009	*	*	-	*	**	*	*	*	8
Hu et al. [19]	2009	*	*	-	*	**	*	*	*	9
Tian et al. [20]	2009	*	*	-	*	**	*	*	*	9
Catucci et al. (Germany) [21]	2010	*	-	-	*	*	*	*	*	7
Guo et al. [22]	2010	*	*	*	*	**	*	*	*	8
Liu et al. [23]	2010	*	*	-	*	**	*	*	*	8
Okubo et al. [24] (controls with ulcer diseases)	2010	*	*	*	*	**	*	*	-	7
Okubo et al. [24] (healthy controls)	2010	*	*	-	*	**	*	*	-	7
Pastrello et al. [25]	2010	*	-	-	*	-	*	*	*	6
Srivastava et al. [26]	2010	*	*	*	*	**	*	*	*	9
Xu et al. [13]	2010	*	*	-	*	**	*	*	*	8
Zeng et al. [27]	2010	*	*	-	*	**	*	*	*	8
Akkiz et al. [28]	2011	*	*	-	*	**	*	*	*	8
Garcia et al. [29]	2011	*	-	-	*	*	*	*	*	6
Hishida et al. [31]	2011	*	*	-	*	**	*	*	*	8
Permuth-Wey et al. [33]	2011	*	*	-	*	-	*	*	*	7
Vinci et al. [34]	2011	*	*	-	*	-	*	*	*	6
Yue et al. [35]	2011	*	*	*	*	**	*	*	*	8

Zhou et al. [37]	2011	*	*	-	*	-	*	*	*	6
Chu et al. [39]	2012	*	-	*	-	**	*	*	*	7
Hezova et al. [41]	2012	*	*	-	*	**	*	*	*	8
Jones et al. [42]	2012	*	*	-	*	-	*	-	*	6
Kim et al. [43]	2012	*	*	-	*	**	*	*	*	9
Mihalache et al. [44]	2012	*	*	-	*	-	*	*	*	6
Min et al. [45]	2012	*	*	-	*	**	*	*	*	8
Wang et al. [46]	2012	*	*	-	*	**	*	*	*	8
Xiang et al. [47]	2012	*	*	*	*	-	*	*	*	6
Zhou et al. [48]	2012	*	*	-	*	**	*	*	*	8
Zhou et al. [49]	2012	*	*	*	*	**	*	*	*	8
Ahn et al. [50]	2013	*	*	*	*	**	*	*	*	8
Chae et al. [51]	2013	*	*	*	*	**	*	*	*	8
Lung et al. [52]	2013	*	*	-	*	**	*	*	*	9
Lung et al. [52] (elderly controls)	2013	*	*	-	*	**	*	*	*	9
Lv et al. [53]	2013	*	*	-	*	-	*	*	*	7
Ma et al. [54]	2013	*	*	-	*	**	*	*	*	8
Marino et al. [55]	2013	*	*	-	*	-	*	*	*	6
Orsos et al. [56]	2013	*	*	-	*	**	*	*	*	8
Pavlakakis et al. [57]	2013	*	*	*	*	-	*	*	*	6
Song et al. [59] ^a	2013	*	*	-	*	**	*	*	*	8
Vinci et al. [60]	2013	*	*	*	*	**	*	*	*	8
Wei et al. [61]	2013	*	*	-	*	**	*	*	*	9
Wei et al. [62]	2013	*	*	-	*	**	*	*	*	8
Zhang et al. [64]	2013	*	*	*	*	**	*	*	*	9
Chu et al. [65]	2014	*	*	-	*	**	*	*	*	8
Cong et al. [66]	2014	*	*	-	*	**	*	*	*	8
Dikeakos et al. [67]	2014	*	*	-	*	-	*	*	*	7
Du et al. [68]	2014	*	*	-	*	**	*	*	*	8

Hu et al. [69]	2014	*	*	-	*	-	*	*	-	5
Huang et al. [70]	2014	*	*	-	*	**	*	*	*	8
Jeon et al. [71]	2014	*	*	-	*	**	*	*	*	8
Jia et al. [72]	2014	*	*	*	*	-	*	*	*	6
Kupcinkas et al. [73]	2014	*	*	-	*	**	*	*	*	8
Kupcinkas et al. [74]	2014	*	*	*	-	**	*	*	*	8
Mao et al. [75]	2014	*	*	-	*	**	*	*	*	9
Nikolic et al. [76]	2014	*	*	-	*	*	*	*	*	7
Palmieri et al. [78] (controls from Tuscany, HapMap)	2014	*	*	-	*	-	*	-	*	5
Palmieri et al. [78] (controls from Marino et al.)	2014	*	*	-	*	-	*	-	*	5
Palmieri et al. [78] (controls from Manna et al.)	2014	*	*	-	*	-	*	*	*	6
Parlayan et al. [79] (gastric cancer)	2014	*	-	-	*	**	*	*	*	7
Parlayan et al. [79] (lung cancer)	2014	*	-	*	*	**	*	*	*	7
Parlayan et al. [79] (prostate cancer)	2014	*	-	-	*	**	*	*	*	7
Pu et al. [80]	2014	*	*	*	*	**	*	*	*	8
Qu et al. [82]	2014	*	*	*	*	**	*	*	*	9

^a Study included in the meta-analysis of association under dominant genetic model