### SUPPLEMENTARY TABLE

Supplementary Table 1. Quality assessment of included studies according to the Newcastle-Ottawa Scale.

| Study              | Selection | Comparability | Exposure |
|--------------------|-----------|---------------|----------|
|                    | Adequate definition of cases | Representativeness of cases | Selection of controls | Definition of controls | Control for important or additional factor | Exposure assessment | Same method of ascertainment for all subjects | Non-response rate |
| Seid C             | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Gonzalez-Escribano MF | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Matsushita M       | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Barton A 2000      | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Yanagawa T         | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Hadj KH            | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Milicic A          | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Lee YH             | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Vaidya B           | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Lee CS             | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Barton A 2004      | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Liu MF             | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Miterksi B         | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Orozco G           | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Feng ZL            | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Lei C              | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Plenge RM          | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Zhermakova A       | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Suppiah V          | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Takeuchi F         | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Zhou Y             | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Costenbader KH     | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Tsukahara S        | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Barton A 2009      | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Daha NA            | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Kelley JM          | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Walker EJ          | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Müniz-Valle JF     | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Plant D            | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Benhatchi K        | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Danoy P            | *         | *             | *         | *         | *                       | *         | *                         |                   |
| El-Gabalawy        | *         | *             | *         | *         | *                       | *         | *                         |                   |
| AlFadhil S         | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Liu CP             | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Tang MJ            | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Torres-Carrillo N  | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Sameem M           | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Elshazi R          | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Luterek-Puszyńska K| *         | *             | *         | *         | *                       | *         | *                         |                   |
| Vermerova L        | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Fattah SA          | *         | *             | *         | *         | *                       | *         | *                         |                   |
| Schulz S           | *         | *             | *         | *         | *                       | *         | *                         |                   |

A study could be awarded a one or zero star for every item except for the item “Control for important factor or additional factor”.