

S1 Table. Characteristics of the total EIRA study population and the subjects identified in DHR.

| Characteristics | | EIRA | | DHR | |
|------------------------------------|----------------------|------------------------|------------------------|------------------------|------------------------|
| | | RA cases (n = 2740) | Controls (n = 3942) | RA cases (n = 2343) | Controls (n = 3386) |
| Gender | | | | | |
| | Male | 764 (28) | 1109 (28) | 624 (27) | 917 (27) |
| | Female | 1976 (72) | 2833 (72) | 1719 (73) | 2469 (73) |
| Age | | | | | |
| | 18-29 years | 221 (8) | 327 (8) | 168 (7) | 247 (7) |
| | 30-39 years | 336 (12) | 501 (13) | 280 (12) | 413 (12) |
| | 40-49 years | 486 (18) | 687 (17) | 408 (17) | 597 (18) |
| | 50-59 years | 853 (31) | 1195 (30) | 760 (32) | 1056 (31) |
| | 60-70 years | 844 (31) | 1231 (31) | 727 (31) | 1072 (32) |
| ACPA status | | | | | |
| | ACPA-positive | 1742 (64) | N/A | 1469 (63) | N/A |
| | ACPA-negative | 968 (35) | N/A | 852 (36) | N/A |
| Smoking habits | | | | | |
| | Never smokers | 881 (32) | 1664 (42) | 777 (33) | 1459 (44) |
| | Ex-smokers | 857 (31) | 1092 (28) | 757 (32) | 965 (29) |
| | Current smokers | 733 (27) | 763 (19) | 576 (25) | 588 (18) |
| | Non-regular smokers | 260 (9) | 387 (10) | 226 (10) | 341 (10) |
| Education | | | | | |
| | University degree | 625 (23) | 1177 (30) | 567 (24) | 1066 (31) |
| | No university degree | 2112 (77) | 2749 (70) | 1774 (76) | 2307 (68) |
| Self-reported periodontitis | | | | | |
| | Yes | 499 (18) | 624 (16) | 410 (17) | 526 (16) |
| | No | 2237 (82) | 3314 (84) | 1931 (82) | 2856 (84) |

Results are presented as numbers (%). EIRA, Epidemiological Investigation of Rheumatoid Arthritis; DHR, Dental Health Registry; RA, rheumatoid arthritis; ACPA, anti-citrullinated protein antibody.

N/A, not applicable.