

Table S6. Frequency of Haplotypes A, B and C in 2,827 subjects from the UT-WI-LHS cohorts according to individual FTND items.

| FTND Item | Early Onset ¹ Haplotype Frequency | | | Late Onset ² Haplotype Frequency | | | | |
|---|---|-------|-------|--|------|-------|-------|-------|
| | n | A | B | C | n | A | B | C |
| 1. How soon after you wake up do you smoke your first cigarette? (max. 3) | | | | | | | | |
| > 60 min (0) | 60 | 0.342 | 0.342 | 0.233 | 125 | 0.364 | 0.400 | 0.200 |
| 31-60 min (1) | 131 | 0.324 | 0.378 | 0.237 | 225 | 0.360 | 0.413 | 0.180 |
| 6-30 min (2) | 482 | 0.404 | 0.346 | 0.193 | 626 | 0.412 | 0.350 | 0.194 |
| < 6 min (3) | 614 | 0.384 | 0.374 | 0.191 | 564 | 0.402 | 0.383 | 0.181 |
| 2. Do you find it difficult to refrain from smoking in places where it is forbidden? | | | | | | | | |
| Yes (1) | 336 | 0.379 | 0.371 | 0.204 | 308 | 0.390 | 0.394 | 0.187 |
| No (0) | 951 | 0.385 | 0.360 | 0.197 | 1232 | 0.399 | 0.371 | 0.188 |
| 3. Which cigarette would you hate most to give up, first one in the morning? | | | | | | | | |
| First (1) | 714 | 0.398 | 0.350 | 0.200 | 826 | 0.402 | 0.374 | 0.185 |
| Any other (0) | 573 | 0.366 | 0.378 | 0.197 | 714 | 0.391 | 0.377 | 0.190 |
| 4. How many cigarettes per day did/do you smoke? | | | | | | | | |
| < 11 (0) | 71 | 0.303 | 0.380 | 0.275 | 146 | 0.387 | 0.387 | 0.182 |
| 11-20 (1) | 378 | 0.360 | 0.365 | 0.216 | 537 | 0.369 | 0.392 | 0.203 |
| 21-30 (2) | 407 | 0.369 | 0.377 | 0.203 | 404 | 0.408 | 0.374 | 0.173 |
| >30 (3) | 431 | 0.433 | 0.343 | 0.167 | 453 | 0.423 | 0.353 | 0.184 |
| 5. Do you smoke more frequently during the first hours after waking than during the rest of the day? | | | | | | | | |
| Yes (1) | 471 | 0.403 | 0.365 | 0.183 | 499 | 0.408 | 0.372 | 0.187 |
| No (0) | 509 | 0.366 | 0.369 | 0.213 | 656 | 0.387 | 0.380 | 0.190 |
| 6. Do you smoke if you are so ill that you are in bed most of the day? | | | | | | | | |
| Yes (1) | 770 | 0.401 | 0.359 | 0.192 | 724 | 0.403 | 0.368 | 0.189 |
| No (0) | 517 | 0.359 | 0.368 | 0.209 | 816 | 0.391 | 0.382 | 0.187 |

The haplotype-tagging SNPs are rs680244, rs569207, rs16969968, rs578776, and rs1051730, and tag sequences are from the chr. 15 (+) strand; Haplotype A tag = CCAGA, Haplotype B tag = TCGGG, Haplotype C tag = CTGAG. 'n' = number of subjects responding to questionnaire item.

¹ "Early Onset" = age of onset of daily smoking by 16.

² "Late Onset" = age of onset of daily smoking after 16.