Table S1 Haplotypes distribution of the three lineages in the ten populations.

|  |  |  |
| --- | --- | --- |
| **Lineage** | Haplotype | Sample |
| YS | SH | IB | NH | AK | WK | TO | SI | SG | CW |
| **A** |  250 | 2 |  |  |  |  |  |  |  |  |  |
|  |  251 | 4 |  |  | 4 | 4 | 1 | 1 |  |  |  |
|  |  252 | 8 | 2 | 3 | 4 | 2 |  | 8 | 1 |  |  |
|  |  253 | 3 |  |  |  |  |  |  |  |  |  |
|  |  254 | 2 |  |  |  |  |  |  |  |  |  |
|  |  255 | 3 |  |  |  |  |  |  |  |  |  |
|  |  256 | 7 | 1 |  |  |  |  |  |  |  |  |
|  |  257 | 3 | 2 |  | 2 | 1 | 3 | 4 |  |  |  |
|  |  258 | 2 |  |  |  |  |  |  |  |  |  |
|  |  259 | 1 |  |  | 1 | 1 |  |  |  |  |  |
|  |  260 | 2 | 3 | 4 | 2 |  | 1 |  |  |  |  |
|  |  261 | 1 |  |  |  |  | 1 |  |  |  |  |
|  |  262 | 1 |  |  |  |  |  |  |  |  |  |
|  |  263 |  | 2 |  | 2 | 1 | 1 |  |  |  |  |
|  |  264 |  | 1 |  |  |  |  |  |  |  |  |
|  |  265 |  | 1 |  |  |  |  |  |  |  |  |
|  |  266 |  | 1 |  |  | 1 |  |  |  |  |  |
|  |  267 |  | 1 |  |  |  |  |  |  |  |  |
|  |  268 |  | 1 |  | 1 | 3 | 2 | 2 |  |  |  |
|  |  269 |  | 1 |  |  |  |  |  |  |  |  |
|  |  270 |  | 1 |  |  |  |  |  |  |  |  |
|  |  271 |  | 2 | 3 | 3 | 3 | 6 | 5 | 1 |  |  |
|  |  272 |  | 1 |  |  |  |  |  |  |  |  |
|  |  273 |  | 1 |  |  |  |  |  |  |  |  |
|  |  274 |  | 1 |  |  |  |  |  |  |  |  |
|  |  275 |  | 1 |  |  |  |  |  |  |  |  |
|  |  276 |  | 1 |  |  |  |  |  |  |  |  |
|  |  277 |  |  | 2 |  |  |  |  |  |  |  |
|  |  278 |  |  | 1 | 1 | 3 |  | 1 |  |  |  |
|  |  279 |  |  | 2 |  |  |  |  |  |  |  |
|  |  280 |  |  | 3 |  | 1 |  |  |  |  |  |
|  |  281 |  |  | 2 |  |  |  |  |  |  |  |
|  |  282 |  |  | 1 |  |  |  |  |  |  |  |
|  |  283 |  |  | 1 |  |  |  | 1 |  |  |  |
|  |  284 |  |  | 1 |  | 1 | 1 | 1 |  |  |  |
|  |  285 |  |  | 1 |  |  |  |  |  |  |  |
|  |  286 |  |  |  | 1 |  | 1 | 1 |  |  |  |
|  |  287 |  |  |  | 1 |  |  |  |  |  |  |
|  |  288 |  |  |  | 1 |  |  |  |  |  |  |
|  |  289 |  |  |  | 1 |  |  | 2 |  |  |  |
|  |  290 |  |  |  | 1 |  |  |  |  |  |  |
|  |  291 |  |  |  | 1 |  | 1 |  |  |  |  |
|  |  292 |  |  |  |  | 1 |  |  |  |  |  |
|  |  293 |  |  |  |  | 1 |  |  |  |  |  |
|  |  294 |  |  |  |  | 1 |  |  |  |  |  |
|  |  295 |  |  |  |  | 1 |  |  |  |  |  |
|  |  296 |  |  |  |  | 1 |  |  |  |  |  |
|  |  297 |  |  |  |  | 1 |  |  |  |  |  |
|  |  298 |  |  |  |  | 1 |  |  |  |  |  |
|  |  299 |  |  |  |  | 1 |  |  |  |  |  |
|  |  300 |  |  |  |  | 1 |  |  |  |  |  |
|  |  301 |  |  |  |  | 1 |  |  |  |  |  |
|  |  302 |  |  |  |  | 1 |  |  |  |  |  |
|  |  303 |  |  |  |  | 1 |  |  |  |  |  |
|  |  304 |  |  |  |  | 1 |  |  |  |  |  |
|  |  305 |  |  |  |  | 1 |  |  |  |  |  |
|  |  306 |  |  |  |  | 1 |  |  |  |  |  |
|  |  307 |  |  |  |  |  | 1 |  |  |  |  |
|  |  308 |  |  |  |  |  | 2 |  |  |  |  |
|  |  309 |  |  |  |  |  | 1 |  |  |  |  |
|  |  310 |  |  |  |  |  | 1 |  |  |  |  |
|  |  311 |  |  |  |  |  | 2 |  |  |  |  |
|  |  312 |  |  |  |  |  | 1 |  |  |  |  |
|  |  313 |  |  |  |  |  | 1 |  |  |  |  |
|  |  314 |  |  |  |  |  | 1 |  |  |  |  |
|  |  315 |  |  |  |  |  | 1 |  |  |  |  |
|  |  316 |  |  |  |  |  |  | 1 |  |  |  |
|  |  317 |  |  |  |  |  |  | 1 |  |  |  |
|  |  318 |  |  |  |  |  |  | 1 |  |  |  |
|  |  335 |  |  |  |  |  |  |  | 1 |  |  |
|  |  336 |  |  |  |  |  |  |  | 1 |  |  |
|  |  337 |  |  |  |  |  |  |  | 1 |  |  |
| **B** |  332 |  |  |  |  |  |  |  | 1 |  | 2 |
|  |  333 |  |  |  |  |  |  |  | 1 |  | 1 |
|  |  334 |  |  |  |  |  |  |  | 2 | 1 | 5 |
|  |  338 |  |  |  |  |  |  |  |  | 1 |  |
|  |  343 |  |  |  |  |  |  |  |  | 1 |  |
|  |  344 |  |  |  |  |  |  |  |  | 1 |  |
|  |  346 |  |  |  |  |  |  |  |  | 1 | 1 |
|  |  347 |  |  |  |  |  |  |  |  | 1 |  |
|  |  349 |  |  |  |  |  |  |  |  | 1 | 3 |
|  |  350 |  |  |  |  |  |  |  |  | 1 |  |
|  |  353 |  |  |  |  |  |  |  |  | 1 | 1 |
|  |  354 |  |  |  |  |  |  |  |  | 1 |  |
|  |  384 |  |  |  |  |  |  |  |  |  | 4 |
|  |  385 |  |  |  |  |  |  |  |  |  | 1 |
|  |  386 |  |  |  |  |  |  |  |  |  | 1 |
|  |  387 |  |  |  |  |  |  |  |  |  | 1 |
|  |  388 |  |  |  |  |  |  |  |  |  | 1 |
|  |  389 |  |  |  |  |  |  |  |  |  | 1 |
|  |  390 |  |  |  |  |  |  |  |  |  | 1 |
|  |  391 |  |  |  |  |  |  |  |  |  | 1 |
|  |  392 |  |  |  |  |  |  |  |  |  | 1 |
|  |  393 |  |  |  |  |  |  |  |  |  | 1 |
|  |  394 |  |  |  |  |  |  |  |  |  | 1 |
|  |  395 |  |  |  |  |  |  |  |  |  | 1 |
|  |  396 |  |  |  |  |  |  |  |  |  | 1 |
|  |  397 |  |  |  |  |  |  |  |  |  | 1 |
|  |  398 |  |  |  |  |  |  |  |  |  | 1 |
|  |  399 |  |  |  |  |  |  |  |  |  | 1 |
|  |  400 |  |  |  |  |  |  |  |  |  | 1 |
|  |  401 |  |  |  |  |  |  |  |  |  | 1 |
|  |  402 |  |  |  |  |  |  |  |  |  | 1 |
|  |  403 |  |  |  |  |  |  |  |  |  | 1 |
|  |  404 |  |  |  |  |  |  |  |  |  | 1 |
| **C** |  319 |  |  |  |  |  |  | 1 |  |  | 1 |
|  |  320 |  |  |  |  |  |  |  | 1 |  |  |
|  |  321 |  |  |  |  |  |  |  | 5 | 3 | 10 |
|  |  322 |  |  |  |  |  |  |  | 1 |  | 2 |
|  |  323 |  |  |  |  |  |  |  | 1 |  |  |
|  |  324 |  |  |  |  |  |  |  | 1 |  |  |
|  |  325 |  |  |  |  |  |  |  | 1 |  |  |
|  |  326 |  |  |  |  |  |  |  | 2 |  |  |
|  |  327 |  |  |  |  |  |  |  | 1 |  |  |
|  |  328 |  |  |  |  |  |  |  | 1 |  |  |
|  |  329 |  |  |  |  |  |  |  | 1 |  |  |
|  |  330 |  |  |  |  |  |  |  | 1 |  |  |
|  |  331 |  |  |  |  |  |  |  | 1 |  |  |
|  |  339 |  |  |  |  |  |  |  |  | 1 |  |
|  |  340 |  |  |  |  |  |  |  |  | 1 |  |
|  |  341 |  |  |  |  |  |  |  |  | 1 |  |
|  |  342 |  |  |  |  |  |  |  |  | 1 | 1 |
|  |  345 |  |  |  |  |  |  |  |  | 1 |  |
|  |  348 |  |  |  |  |  |  |  |  | 1 |  |
|  |  351 |  |  |  |  |  |  |  |  | 1 |  |
|  |  352 |  |  |  |  |  |  |  |  | 1 | 2 |
|  |  355 |  |  |  |  |  |  |  |  |  | 1 |
|  |  356 |  |  |  |  |  |  |  |  |  | 1 |
|  |  357 |  |  |  |  |  |  |  |  |  | 1 |
|  |  358 |  |  |  |  |  |  |  |  |  | 1 |
|  |  359 |  |  |  |  |  |  |  |  |  | 1 |
|  |  360 |  |  |  |  |  |  |  |  |  | 1 |
|  |  361 |  |  |  |  |  |  |  |  |  | 1 |
|  |  362 |  |  |  |  |  |  |  |  |  | 1 |
|  |  363 |  |  |  |  |  |  |  |  |  | 1 |
|  |  364 |  |  |  |  |  |  |  |  |  | 1 |
|  |  365 |  |  |  |  |  |  |  |  |  | 1 |
|  |  366 |  |  |  |  |  |  |  |  |  | 1 |
|  |  367 |  |  |  |  |  |  |  |  |  | 1 |
|  |  368 |  |  |  |  |  |  |  |  |  | 3 |
|  |  369 |  |  |  |  |  |  |  |  |  | 1 |
|  |  370 |  |  |  |  |  |  |  |  |  | 1 |
|  |  371 |  |  |  |  |  |  |  |  |  | 1 |
|  |  372 |  |  |  |  |  |  |  |  |  | 1 |
|  |  373 |  |  |  |  |  |  |  |  |  | 1 |
|  |  374 |  |  |  |  |  |  |  |  |  | 1 |
|  |  375 |  |  |  |  |  |  |  |  |  | 1 |
|  |  376 |  |  |  |  |  |  |  |  |  | 1 |
|  |  377 |  |  |  |  |  |  |  |  |  | 1 |
|  |  378 |  |  |  |  |  |  |  |  |  | 1 |
|  |  379 |  |  |  |  |  |  |  |  |  | 1 |
|  |  380 |  |  |  |  |  |  |  |  |  | 1 |
|  |  381 |  |  |  |  |  |  |  |  |  | 1 |
|  |  382 |  |  |  |  |  |  |  |  |  | 1 |
|  |  383 |  |  |  |  |  |  |  |  |  | 1 |

Haplotype numbers correspond to the last three digits of GenBank accession numbers JN796250–JN796404.