**Supplementary table S5: Logistic Analysis for Haplotypes of *TAS2R16* gene in long lived subjects**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **rs1357949** | **rs6466849** | **rs860170** | **rs978739** | |  |  |  |
| **Haplotypes** | ***T2R16*** | ***T2R16*** | ***T2R16*** | ***T2R16*** | **≥85yrsa** | **<85yrsa** | **OR (95% CI) b** | **Pvalue** |
| Haplotype1: | C | G | A | A | 218 | 390 | 1 |  |
| Haplotype2: | T | G | G | A | 233 | 357 | 1.17 (0.92-1.47) | 0.199 |
| Haplotype3: | T | A | A | G | 107 | 264 | 0.74 (0.56-0.98) | **0.033** |
| Haplotype4: | T | G | A | G | 69 | 134 | 0.93 (0.67-1.30) | 0.677 |
| Haplotype5: | T | G | A | A | 21 | 27 | 1.37 (0.75-2.48) | 0.303 |
|  |  |  |  |  |  |  |  |  |