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| **Supplementary Table 6.** **Associations of different types of mosaic chromosomal alterations (mCAs) with the risk of compensated cirrhosisa,b** |
|  | **Number of participants with mCA events/number of participants (%)** | **Compensated cirrhosis** |
| **Individuals with compensated cirrhosis** | **Individuals without compensated cirrhosis** | **HR (95% CI)** | ***p* value** |
| **mCA group** |  |  |  |  |
| **All detectable mCAs**  | 70/1753 (3.99%) | 11602/442594 (2.62%) | 1.38 (1.09-1.76) | 0.008 |
| Cell fraction<10%  | 51/1734 (2.94%) | 8483/439475 (1.93%) | 1.37 (1.04-1.81) | 0.027 |
| Cell fraction≥10% | 19/1702 (1.12%) | 3119/434111 (0.72%) | 1.42 (0.90-2.24) | 0.128 |
| **Mosaic copy gain** | 11/1694 (0.65%) | 1923/432915 (0.44%) | 1.25 (0.69-2.27) | 0.458 |
| Cell fraction<10%  | 5/1688 (0.30%) | 1300/432292 (0.30%) | 0.81 (0.34-1.95) | 0.636 |
| Cell fraction≥10% | 6/1689 (0.36%) | 623/431615 (0.14%) | 2.31 (1.03-5.14) | 0.041 |
| **Mosaic copy loss** | 16/1699 (0.94%) | 2765/433757 (0.64%) | 1.31 (0.80-2.15) | 0.277 |
| Cell fraction<10%  | 7/1690 (0.41%) | 1134/432126 (0.26%) | 1.38 (0.65-2.89) | 0.400 |
| Cell fraction≥10% | 9/1692 (0.53%) | 1631/432623 (0.38%) | 1.27 (0.66-2.45) | 0.475 |
| **Copy-neutral loss of heterozygosity** | 48/1731 (2.77%) | 7466/438458 (1.70%) | 1.50 (1.13-2.00) | 0.006 |
| Cell fraction<10%  | 41/1724 (2.38%) | 6278/437270 (1.44%) | 1.52 (1.11-2.07) | 0.008 |
| Cell fraction≥10% | 7/1690 (0.41%) | 1188/432180 (0.28%) | 1.39 (0.66-2.93) | 0.380 |
| *Definition of abbreviations:* HR, hazard ratio; 95% CI, 95% confidence interval; het, heterogeneity. |
| a HRs and 95% CIs were estimated using Cox proportional-hazard models with adjustment for age, age2, sex, smoking status, drinking status, the top 10 principal components of ancestry and genotyping batch. |
| b Cell fraction was not able to be estimated for a total of 4298 individuals with undetermined mCA merely. Non-carriers of any mCA types were set as the reference group.  |