**Supplementary Table 3. Tauro:Glyco molar ratios of different bile acids**

|  |  |  |  |
| --- | --- | --- | --- |
| 　 | **Healthy controls** | ***ABCB4*-mutated patients** | ***p-*value** |
| ***n* = 65** | ***n* = 13** |
| **nM:nM** |  |  |  |
| tauro-CA:glyco-CA | 0.43 ± 0.84 | 3.79 ± 9.85 | 0.051  |
| tauro-DCA:glyco-DCA | 4.97 ± 35.32 | 0.4 ± 0.31 | 0.675  |
| tauro-CDCA:glyco-CDCA | 0.2 ± 0.15 | 0.33 ± 0.23 | 0.006  |
| tauro-UDCA:glyco-UDCA | 0.17 ± 0.17 | 7.21 ± 23.14 | 0.004  |
| tauro-UDCA-3-sulfate:glyco-UDCA-3-sulfate | 0.18 ± 0.29 | 3.61 ± 5.28 | 0.001  |
| tauro-HCA:glyco-HCA | 0.26 ± 0.18 | 0.89 ± 0.69 | 0.001  |
| tauro-DH-CA:glyco-DH-CA | 6.68 ± 9.1 | 12.06 ± 6.97 | 0.023  |

Data (nM) are means **±** standard deviations. *p* < 0.05 was considered significant.