Suppl. Table S1: Patient cohort. eur: European, tur: Turkish, n/a: data not available. \*Detailed clinical course of the two sisters of family F10 harboring the homozygous CFH variant c.671\_673del (p.Lys224del) are described in more detail by Hackl et al.35

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Family ID** | **Sex** | **Age**  **at study** | **Ethnicity** | **Clinical**  **diagnosis** | **DEAP- HUS** | **Results** |
| F1 | f | 34 | eur | aHUS  (biopsy: TMA) | no | WT / WT |
| F2 | m | 4 | eur | C3G | no | WT / WT |
| F3 | m | 31 | eur | aHUS  (biopsy: TMA) | no | *CFH/CFHR1* hybrid gene / WT |
| F4 | f | 48 | eur | aHUS | no | *CFHR3/CFHR1* del / WT |
| F5 | f | 7 | eur | aHUS  (biopsy: TMA) | no | *CFHR3/CFHR1* del / WT |
| F6 | m | 37 | eur | aHUS  (biopsy: TMA) | no | WT / WT |
| F7 | f | 22 | eur | C3G | no | *CFHR3/CFHR1* del / WT |
| F8 | f | 30 | eur | aHUS  (biopsy: TMA) | no | WT / WT |
| F9 | m | 59 | eur | C3G | no | WT / WT |
| F10.1\* | f | 22 | tur | C3G | no | WT / WT (structural) |
| F10.2\* | f | 17 | tur | C3G | no | WT / WT (structural) |
| F11 | f | 8 | eur | aHUS | yes | *CFHR3/CFHR1* del / *CFHR3/CFHR1* del |
| F12 | m | 11 | eur | C3G | n/a | WT / WT |
| F13 | m | 5 | eur | aHUS | yes | *CFHR3/CFHR1* del /  *CFHR3/CFHR1* del |
| F14 | m | 24 | eur | aHUS  (biopsy: TMA) | no | *CFHR3/CFHR1* del / WT |
| F15 | m | (<18) | eur | aHUS | no | *CFH/CFHR1* hybrid gene / WT |
| F16 | m | 16 | eur | aHUS  (biopsy: TMA) | no | WT / WT |
| F17 | f | 43 | eur | aHUS  (biopsy: TMA) | no | WT / WT |
| F18 | f | 40 | eur | aHUS  (biopsy: FSGS) | no | *CFHR4/CFHR1* del / *CFHR3/CFHR1* del |
| F19 | m | n/a | eur | aHUS | no | *CFHR3/CFHR1* del / WT |
| F20 | m | 65 | eur | aHUS | no | *CFH/CFHR3* hybrid gene / WT |