**Additional file 2: Basic characteristics of the study participants in the case-control part of the study**

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| --- | --- | --- | --- |
| **Characteristics** | **Cases (n = 235)** | **Controls (n = 248)** | ***p*-value** |
| Age [median (range), years] | 34 (2-78) | 33 (2-80) | 0.77 |
| Gender (M:F ratio) | 1.6:1 | 1.7:1 | 0.69 |
| Age at first presentation <18 years | 52/229 (23%) | - | - |
| Multiple renal stones | 95/229 (41%) | - | - |
| Recurrent urolithiasis | 113/229 (49%) | - | - |
| Parental consanguinity | 122/229 (53%) | - | - |
| Family history of urolithiasis | 110/229 (48%) | - | - |