|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S4. Anticipation had not been considered in articles.** | | | | | | | |
| **Reference** | **Generation** | **#of patients** | **Patient ID** | **AAO (y)** | **Mean of AAO (y)** | **Present age (y)** | **Variant** |
| J Neurol Neurosurg Psychiatry 2001;71:788–791 | 2 | 1 | II4 | 30 | 30 | NA | c.1406delT:p.Phe469Leufs\*14 |
| 3 | 1 | III12 | 60 | 60 | NA |
| 4 | 7 | IV2 | 45 | ~35.8 | NA |
| IV4 | 40 | NA |
| IV6 | 34 | NA |
| IV10 | 35 | NA |
| IV11 | 50 | NA |
| IV12 | 25 | NA |
| IV13 | 22 | NA |
| 5 | 8 | V1 | 37 | 28 | NA |
| V2 | 34 | NA |
| V3 | 32 | NA |
| V6 | 35 | NA |
| V7 | 24 | NA |
| V8 | 35 | NA |
| V9 | 0 | NA |
| V11 | 27 | NA |
| J Hum Genet  2002;47(9):473-7 | 3 | 2 | III14 | 39 | 36 | 44 | c.1031T>A:p.Ile344Lys |
| III15 | 33 | 41 |
| 4 | 5 | IV3 | Unaware | ~20 | 34 |
| IV4 | 26 | 31 |
| IV9 | Unaware | 28 |
| IV11 | 14 | 17 |
| IV13 | Unaware | 14 |
| Eur J Neurol. 2004;11(12):817-24 | 2 | 1 | II1 | 60 | 60 | 79 | c.1593C>T:p.Gln490\* |
| 3 | 3 | III2 | 30 | ~20.6 | 44 |
| III3 | 7 | 43 |
| III5 | 25 | 39 |
| Eur J Hum Genet. 2007;15(12):1276-9 | 3 | 12 | III4 | 38 | 34.5 | 63 | c.1246-2896\_1493+523dup |
| III9 | 50 | 67 |
| III11 | 26 | 63 |
| III14 | 18 | 73 |
| III16 | 49 | 68 |
| III18 | 25 | 67 |
| III19 | 17 | 59 |
| III29 | 12 | 46 |
| III30 | 38 | 43 |
| III32 | 46 | 66 |
| III35 | 54 | 58 |
| III39 | 41 | 46 |
| 4 | 5 | IV1 | 48 | 25.6 | 49 |
| IV2 | 29 | 38 |
| IV8 | 23 | 25 |
| IV11 | 1 | 33 |
| IV14 | 27 | 32 |
| 5 | 1 | V1 | 1 | 1 | 10 |
| J Med Genet. 2007; 44(4): 281–284 | 1 | 1 | I1 | 55 | 55 | NA | c.1684C>T:p.Arg562\* |
| 2 | 1 | II4 | 18 | 18 | NA |
| 3 | 1 | III6 | 5 | 5 | NA |
| Mov Disord. 2005; 20(8), 1055-1059 | 1 | 1 | I1 | 48 | 48 | 72 | c.906delT:p.Thr303Profs\*12 |
| 2 | 3 | II1 | 49 | ~40.5 | 75 |
| II8 | 32 | 60 |
| II13 | 41 | 66 |
| 3 | 7 | III1 | 52 | ~34.5 | 59 |
| III5 | 48 | 57 |
| III7 | 41 | 56 |
| II14 | 26 | 49 |
| III19 | 26 | 46 |
| III21 | 25 | 46 |
| III23 | 23 | 41 |
| Neurol Sci 2017; 38:903–905 | 3 | 5 | III1 | 68 | 47.8 | NA | c.1174-1\_1174delinsCT |
| III7 | 35 | NA |
| III12 | 43 | NA |
| III14 | 45 | NA |
| III17 | 48 | NA |
| 4 | 1 | IV2 | 37 | 37 | NA |