**Supplementary Table: Comparison of D-DEMØ and other *ATP1A3* Related Phenotypes**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **D-DEMO** | **AHC** | **RDP** | **RECA** | **CAPOS** |
| **SYMPTOM ONSET** | Newborn | Before age 18 months | Adolescence/ adulthood- | childhood | childhood |
| **HEMIPLEGIA** | - | + | - | - | - |
| **CEREBELLAR HYPOPLASIA** | + | - | - | - | ­- |
| **HYPERREFLEXIA** | + | - | + | - | - |
| **AREFLEXIA** | - | - | - | + | + |
| **DYSTONIA** | **+** | + | **+** | **+** | **-** |
| **DYSMORPHISM OF THE FACE** | **+** | + | **-** | **-** | **-** |
| **ENCEPHALOPATHY** | **+** | + | **+** | **+** | **+** |
| **DEAFNESS** | - | - | - | - | + |
| **OPTIC ATROPHY** | - | - | - | - | + |
| **ATAXIA** | + | + | - | + | + |