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|  | ***Table 1. Electro-clinical syndromes, n (%)*** | | | | |
| ***Gen name DEE***  n:655 | *Early Infantile Developmental and Epileptic Encephalopathy*  n:152 | *Epilepsy of Infancy with Migrating Focal Seizures*  n:16 | *Infantile Spasms Syndrome*  n:213 | *Dravet Syndrome*  n:124 | *Unclassified*  n:150 |
| *Metabolic-genetic*  *n=89* | 29 (32.6) |  | 24 (27) |  | 36 (40.4) |
| *Molecular-genetic*  *n=506* | 115 (22.7) | 16 (3.1) | 161 (31.8) | 124(24.5) | 90 (17.7) |
| *Chromosomal*  *n=60* | 8 (13.3) | - | 28 (46.7) | - | 24 (40) |

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| *Table 2.* | *“Electroclinic syndrome name, gene name“ n=317* | | | | | |
| “*gene name DEE”*  n=385 | Early Infantile Developmental and Epileptic Encephalopathy  n=79 | | Epilepsy of Infancy with Migrating Focal Seizures  n=7 | Infantile Spasms Syndrome  (Including WS)  n=121 | Dravet Syndrome  n=110 | Unclassified  n= 68 |
| *SCN1A (116)* | 11 (9.3) | 3 (2.5) | | 3 (2.5) | 95 (80.5) | 6 (5.1) |
| *STXBP1 (23)* | 4 (17.4) | - | | 11 (47.8) | 2 (8.7) | 6 (26.1) |
| *CDKL5 (22)* | 10 (45.5) | 1 (4.5) | | 8 (36.4) |  | 3(13.6) |
| *KCNQ2 (18)* | 13 (72.2) | - | | 2 (11.1) | - | 3 (16.7) |
| *PCHD19 (21)* | 4 (25) | - | | 6 (21.1) | 8 (42.1) | 3 (15.8) |
| *SCN8A (10)* | 2 (20) | - | | 4 (40) | 1 (10) | 3 (30) |
| *PRUNE1(8)* | 1 (12.5) | - | | 7 (87.5) | - | - |
| *CACNA1A (7)* | 2 (28.6) | - | | 1 (14.3) | 1 (14.3) | 3 (42.9) |
| *KCNT1(7)* | - | 2(28.6) | | 2(28.6) | 1 (14.3) | 2 (28.6) |
| *KCTD7 (7)* | - | - | | 4 (66.7) | - | 3 (33.3) |
| *CHD2 (6)* | 2 (33.3) | - | | 3 (50) | - | 1 (16.7 |
| *SCN2A (5)* | 3 (60) | - | | 2 (40) | - | - |
| *ADAM22 (4)* | 1 (25) | - | | 3 (75) | - | - |
| *DNM1 (3)* | 2 (66.7) | - | | - | 1 (33.3) | - |
| *WWOX (4)* | 2 (50) | - | | 2(50) | - | - |
| *SPTAN1 (4)* | 1 (25) | - | | 2 (50) | - | 1 (25) |
| *TBC1D24 (3)* | 1 (33.3) | 1 (33.3) | | - | - | 1 (33.3) |
| *DNM1 (3)* | 2 (66.7) | - | | - | 1 (33.3) | - |
| *SLC2A1(8)* | 3 (37.5) | - | | 2 (25) | - | 3 (37.5) |
| *ALDH7A1 (17)* | 4 (23.5) | - | | - | - | 13 (76.5) |
| *FOLR1 (3)* | - | - | | - | - | 3 (100) |
| *NKHG (8)* | 5 (62.5) | - | | 3 (37.5) | - | - |
| *Zelweger S. (5)* | 3 (60) | - | | - | - | 2 (40) |
| *Mitochondrial (4)* | 1 (25) | - | | 2 (50) | - | 1(25) |
| *TSC (45)* | 2 (4.4) | - | | 43 (95.6) | - | - |
| *Down S. (9)* | - | - | | 9 (100) | - | - |
| *Angelman S. (13)* | - | - | | 2 (15.4) | - | 11 (84.6) |

*WS: West Syndrome, NKHG:Nonketotic hyperglycinemia TSC: Tuberous sclerosis complex, S: Syndrome*

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| ***Table 3.*** | **Electro-clinical syndromes, n (%)** | | | | |
|  | Early Infantile Developmental and Epileptic Encephalopathy | Epilepsy of Infancy with Migrating Focal Seizures | Infantile Spasms Syndrome | Dravet Syndrome | Unclassified |
| OMIM data  (DEE gene mutation)(n=183) | 72 (39.3) | 6 (3.3) | 49 (26.8) | 10 (5.5) | 46 (25.1) |