**Supplementary Table 2 – Neuroimaging abnormalities**

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| **MRI abnormalities** | **Number of Patients (%)** |
| Malformations of Cortical Development  Focal cortical dysplasia (31)  Polymicrogyria (17)  Lissencephaly and/band heterotopia (15)  Other grey matter heterotopia (16)  Hemimegalencephaly (3)  Schizencephaly (7)  Holoprosencephaly spectrum (2)  Septo-optic dysplasia spectrum (7) | 98 (18) |
| Neurocutaneous stigmata  Tuberous sclerosis related dysplasia (24)  NF1- related changes (1)  Sturge Weber Syndrome (Leptomeningeal angiomatosis) (7) | 32 (6) |
| Hippocampal abnormalities  Hippocampal sclerosis (14)  Hippocampal malrotation (3)  Other non-specific hippocampal changes (30) | 47 (9) |
| Corpus callosum hypoplasia or absence | 37 (7) |
| Hydrocephalus (any etiology) | 25 (5) |
| Vascular malformations | 9 (2) |
| Trauma | 11 (2) |
| Infectious changes | 13 (2) |
| Sequelae from hypoxic-ischemic injury | 79 (14) |
| Periventricular leukomalacia | 40 (7) |
| Stroke | 27 (5) |
| Neoplasm | 20 (4) |
| Predominantly white matter changes | 44 (8) |
| Cortical atrophy | 45 (8) |
| Brainstem abnormalities | 8 (1) |
| Other non-specific changes\* | 13 (2) |

*\*Non-specific focal gliosis, ventriculomegaly*