Publications for Megan Brewer

2018

Cutrupi, A., Brewer, M., Nicholson, G., Kennerson, M. (2018). Structural variations causing inherited peripheral neuropathies: A paradigm for understanding genomic organization, chromatin interactions, and gene dysregulation. *Molecular Genetics & Genomic Medicine*, 6(3), 422-433. [More Information]

Kanhangad, M., Cornett, K., Brewer, M., Nicholson, G., Ryan, M., Smith, R., Subramanian, G., Young, H., Zuchner, S., Kennerson, M., Burns, J., Menezes, M. (2018). Unique clinical and neurophysiologic profile of a cohort of children with CMTX3. *Neurology*, 90(19), e1706-e1710. [More Information]

2016

Drew, A., Cutrupi, A., Brewer, M., Nicholson, G., Kennerson, M. (2016). A 1.35Aï¿½Mb DNA fragment is inserted into the DHMN1 locus on chromosome 7q34-q36.2. *Human Genetics*, 135(11), 1269-1278. [More Information]

Brewer, M., Chaudhry, R., Qi, J., Kidambi, A., Drew, A., Menezes, M., Ryan, M., Farrar, M., Mowat, D., Subramanian, G., Young, H., Nicholson, G., Kennerson, M., et al (2016). Whole Genome Sequencing Identifies a 78 kb Insertion from Chromosome 8 as the Cause of Charcot-Marie-Tooth Neuropathy CMTX3. *PLoS Genetics*, 12(7), 1-16. [More Information]

2015

Drew, A., Zhu, D., Kidambi, A., Ly, C., Tey, S., Brewer, M., Ahmad-Annuar, A., Nicholson, G., Kennerson, M. (2015). Improved inherited peripheral neuropathy genetic diagnosis by whole-exome sequencing. *Molecular Genetics & Genomic Medicine*, 3(2), 143-154. [More Information]

2014

Brewer, M., Ma, K., Beecham, G., Gopinath, C., Baas, F., Choi, B., Reilly, M., Shy, M., Zuchner, S., Svaren, J., et al (2014). Haplotype-specific modulation of a SOX10/CREB response element at the Charcotâ€“Marieâ€“Tooth disease type 4C locus SH3TC2. *Human Molecular Genetics*, 23(19), 5171-5187. [More Information]

2013

Chaudhry, R., Kidambi, A., Brewer, M., Antonellis, A., Mathews, K., Nicholson, G., Kennerson, M. (2013). Re-analysis of an original CMTX3 family using exome sequencing identifies a known BSCL2 mutation. *Muscle and Nerve*, 47(6), 922-924. [More Information]

2012

Jones, E., Brewer, M., Srinivasan, R., Krueger, C., Sun, G., Charney, K., Keles, S., Antonellis, A., Svaren, J. (2012). Distal enhancers upstream of the Charcot-Marie-Tooth type 1A disease gene PMP22. *Human Molecular Genetics*, 21(7), 1581-1591. [More Information]

2010

Brewer, M., Chaudhry, R., McDowall, K., Chu, S., Kowalski, B., Nicholson, G., Kennerson, M. (2010). X-linked CMT: genes and gene loci in an Australian cohort. *Neurogenetics*, 11(2), 267-9. [More Information]

2009

Nicholson, G., Kennerson, M., Brewer, M., Garbern, J., Shy, M. (2009). Genotypes & Sensory Phenotypes in 2 New X-Linked Neuropathies (CMTX3 and dSMAX) and Dominant CMT/HMN Overlap Syndromes. In Carmen Espinos, Vicente Felipo, Francesc Palau (Eds.), *Inherited Neuromuscular Diseases*, (pp. 201-206). Dordrecht: Springer Science+Business Media. [More Information]