Table 3: Syndromic neuropathies that can present with neuropathy.
The table lists syndromic inherited neuropathies that can be diagnosed as non-syndromic neuropathies; **dominant diseases are bolded**. The genes are named according to the HUGO gene nomenclature (http://www.genenames.org/), and hyperlinked to this database. The diseases, their chromosomal locus, and genes are hyperlinked to OMIM (http://www.ncbi.nlm.nih.gov/Omim/).

disease (OMIM)	affected gene (OMIM)
CMT1-like (dominant demyelinating neuropathy)	
CMT1-like(614434)	*FBLN5* (604580)
CMT2-like (dominant axonal neuropathy)	
FAP-1 (105210)	*TTR* (176300)
no OMIM	*PRNP* (176640)
CFEOM3A (600638)	*TUBB3* (602661)
SPG10 (604187)	*KIF5A* (602809)
no OMIM	*CRYAB* (123590)
no OMIM	*TARDBP* (605078)
no OMIM	*BAG3* (603883)
optic atrophy 3, with cataract (165300)	*OPA3* (606580)
globoid cell leukodystrophy (245200)	*GALC* (606890)
metachromatic leukodystrophy (250100)	*ARSA* (607574)
ACCPN (218000)	*SLC12A6* (604878)
Leigh syndrome (256000)	*SURF1* (185620)
MTDPS1 (603041)	*TYMP* (131222)
CCFDN (604168)	*CTDP1* (604927)
ARCMT-like (recessive, axonal neuropathy)	
AOA4 (616267)	*PNKP* (605610)
GAN1 (256850)	*GAN* (605379)
MNGIE (603041)	*TYMP* (131222)
SANDO (607459)	*POLG* (174763)
APBD (263570)	*GBE1* (607839)
SPAX6/SACS (270550)	*SACS* (604490)

DSMA1/SMARD1 (604320)	*IGHMBP2* (600502)
MTPD (609015)	*HADHB* (143450)
ARCMT (616668)	*SPG11* (610844)
CEMCOX1 (604377)	*SCO2* (604272)
Friedreich ataxia (229300)	*FXN* (606829)
Tangier disease (205400)	*ABCA1* (600046)
MTDPS6 (256810)	*MPV17* (137960)
LBSL (611105)	*DARS2* (610956)
SPG55 (615035)	*C12orf65* (613541)
AAAS (231550)	*AAAS* (605378)
no OMIM	*REEP1* (609139)
HMSN6B (616505)	*SLC25A46* (610826)
X-linked axonal neuropathy	
ALD (300100)	*ABCD1* (300371)
Fabry disease (301500)	*GLA* (300644)
Cowchock syndrome (310490)	*AIFM1* (300169)
McLeod syndrome (300842)	*XK* (314850)
no OMIM	*MT-ATP6* (516060) m9185T>C, m9176T>C
hereditary motor neuropathy (HMN)	
HNARMD (608895)	*FBLN5* (604580)
SPG4 (182601)	*SPAST* (604277)
SPG3A (182600)	*ATL1* (606439)
no OMIM	*MT-ATP6* (516060)
ALS 1 (105400)	*SOD1* (147450)
"CMT2X" (616668)	*SPG11* (610844)
HMN-like (no OMIM)	*HNRNPA1* (164017)

AAAS: achalasia-addisonianism-alacrima syndrome;
ACCPN: genesis of the corpus callosum with peripheral neuropathy;
ALD: adrenoleukodystrophy;
AOA4: Ataxia-oculomotor apraxia 4;

CCFDN: congenital cataracts, facial dysmorphism, and neuropathy;
CEMCOX1: cardioencephalomyopathy, fatal infantile, due to cytochrome C oxidase deficiency 1;
CFEOM: congenital fibrosis of extraocular muscles;
FAP: familial amyloidotic polyneuropathy;
GAN1: giant axonal neuropathy-1;
HNARMD: hereditary neuropathy with or without age-related macular degeneration;
LBSL: leukoencephalopathy with brainstem and spinal cord involvement and lactate elevation;
MNGIE: mitochondrial neurogastrointestinal encephalopathy syndrome;
MTDPS: mitochondria DNA depletion syndrome;
MTPD: mitochondrial trifunctional protein deficiency;
SACS: spastic ataxia, Charlevoix-Saguenay type;
SANDO: sensory ataxic neuropathy, dysarthria, and ophthalmoparesis;
SMARD: spinal muscular atrophy with respiratory distress;
SPG: spastic paraplegia;