

Disorder	BG	WM	cortex	deep GM	cerebellum	comments
LS	X					a few may have leukodystrophy
LS due to SURF-1				X	X	
MELAS			X			don't conform to vascular territories
MERRF						nothing specific
POLG-1			X	X		
LHON						often normal, need to look at optic nerves
KSS		X				may involve thalamic and BG WM
PDH						partial or complete absence of the corpus callosum, absence of the medullary pyramids, gliosis of cortex, BG,
MNGIE		X				