

Title: Action Myoclonus – Renal Failure Syndrome *GeneReview* – SCARB2 and Parkinson disease

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Because of the known association of parkinsonian features in Gaucher disease, and also of a strong association between β -glucocerebrosidase mutations and Parkinson disease [Sidransky et al 2009], the question was raised of a possible association between SCARB2 and Parkinson disease. Two potential single-nucleotide polymorphisms (SNPs) in SCARB2, rs6812193, and rs6825004, were found to be associated with the development of Parkinson disease [Do et al 2011, Michelakakis et al 2012, Hopfner et al 2013]. However, an association between these benign variants and Parkinson disease could not be confirmed in the Chinese population [Chen et al 2012] or only in males [Li et al 2012], and was not validated by gene expression studies [Maniwan et al 2013]. Further studies are warranted to explore a possible link between SCARB2 and Parkinson disease.

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