

Decoding the genetic background of coeliac disease – Dr Iris Jonkers

Please type your answers below and print for your records or print this document and complete by hand.

Q1	What is a genome wide association study (GWAS)?
A	
Q2	Which genes are known to be needed for a person to develop coeliac disease?
A	
Q3	Loci associated with coeliac disease are also associated with other autoimmune diseases. What are three examples of other autoimmune diseases with loci which overlap with coeliac disease?
A	
Q4	More than 95% of single nucleotide polymorphisms (SNPs) associated with coeliac disease fall in non-coding regions, how can the role of these SNPs in coeliac disease be explained?
A	
Q5	Which genes are thought to lead to altered barrier function in coeliac disease?
A	

After answering these questions, should you require any further information, please contact us at ruth.passmore@coeliac.org.uk. You can also discuss this further on our HCP forum: www.coeliac.org.uk/hcp-forum.