

**CTRC**      **c.180C>T**      **p.G60=**      **p.G60G**

dbSNP [rs497078](#)

Citations:      **Recommended primary citation**

- **Masson E, Chen JM, Scotet V, Le Maréchal C, Férec C. (2008) Association of rare chymotrypsinogen C (CTRC) gene variations in patients with idiopathic chronic pancreatitis. Hum Genet 123, 83-91**
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- Paliwal S, Bhaskar S, Mani KR, Reddy DN, Rao GV, Singh SP, Thomas V, Chandak GR. (2013) **Comprehensive screening of chymotrypsin C (CTRC) gene in tropical calcific pancreatitis identifies novel variants. Gut 62, 1602-1606. Epub 2012 May 12.**
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- Hegyi E, Cierna I, Vavrova L, Ilencikova D, Konecny M, Kovacs L. (2014) **Chronic pancreatitis associated with the p.G208A variant of PRSS1 gene in a European patient. JOP 2014 15, 49-52**
- Tremblay K, Dubois-Bouchard C, Brisson D, Gaudet D. (2014) **Association of CTRC and SPINK1 gene variants with recurrent hospitalizations for pancreatitis or acute abdominal pain in lipoprotein lipase deficiency. Front Genet 5, 90**  
**Variant is indicated as T>C in Table 2**
- LaRusch J, Lozano-Leon A, Stello K, Moore A, Muddana V, O'Connell M, Diergaard B, Yadav D, Whitcomb DC. (2015) **The common chymotrypsinogen C (CTRC) variant G60G (C.180T) increases risk of chronic pancreatitis but not recurrent acute pancreatitis in a North American population. Clin Transl Gastroenterol 6, e68**
- Tomaiuolo AC, Sofia VM, Surace C, Majo F, Genovese S, Petrocchi S, Grotta S, Alghisi F, Lucidi V, Angioni A. (2015) **Relationship between CFTR and CTRC variants and the clinical phenotype in late-onset cystic fibrosis disease with chronic pancreatitis. J Mol Diagn 17, 171-178**  
**CF patient without pancreatitis**